MATERIALAB CONSULTANTS LIMITED
Room 723 & 725, 7/F, Block B,
Profit Industrial Building,
1-15 Kwai Fung Crescent,
Kwai Fong, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Monthly EM&A Report

September 2017

Client : China International Water & Electric Corporation
Project: Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Contract No.: CV/2013/04
Report No.: 0394/13/ED/0364A

Project Proponent:

Civil Engineering & Development Department
101 Princess Margaret Road,
Homantin,
Kowloon, Hong Kong.

Prepared by: Wingo So

Reviewed by: Cyrus Lai

Certified by: _____

Colin Yung
Environmental Team Leader for
MateriaLab Consultants Limited

RAMBOLL ENVIRON

Ref.: CEDDWKTBEM00_0_0349L.17

12 October 2017
By Post and Fax (2419 6218)

Mott MacDonald Hong Kong Ltd.
20/F, AIA Kowloon Tower,
Landmark East,
100 How Ming Street,
Kwun Tong, Kowloon

Attention: Mr Chan T P, Pan, Engineer's Representative

Dear Mr Chan,

Re: Agreement No. CE 63/2008 (CE)
Dredging Works in Kwai Tsing Container Basin and its Approach Channel – Investigation, Design and Construction)

Contract No. CV/2013/04
Dredging Works in Kwai Tsing Container Basin and its Approach Channel
Verification of Monthly EM&A Report for September 2017

Reference is made to the Environmental Team's submission of the Monthly Environmental Monitoring & Audit Report for September 2017 (ET's Report No. 0394/13/ED/0364A) received by e-mail on 12 October 2017.

We write to verify the captioned report in accordance with Condition 5.4 of EP-426/2011/A.

Thank you very much for your kind attention and please do not hesitate to contact our Mr Harris Wong or the undersigned should you have any queries.

Yours faithfully,
For and on behalf of
Ramboll Environ Hong Kong Limited

Y H Hui
Independent Environmental Checker

Cc:	MMHK	Mr. C M Howley	2827 1823 (by fax)
	MateriaLab	Mr. Colin Yung	2450 6138 (by fax)
	CIWE	Mr. K.O. Leung and Mr. Lam Wai-hung	2419 6028 (by fax)

Q:\Projects\CEDDWKTBEM00\02 Project Management\02 Corr\CEDDWKTBEM00_0_0349L.17.docx

Ramboll Environ Hong Kong Limited 英環香港有限公司
21/F, BEA Harbour View Centre, 56 Gloucester Road, Wan Chai, Hong Kong Tel: 852.3465 2888 Fax: 852.3465 2899
www.Ramboll-Environ.com

MATERIALAB CONSULTANTS LIMITED
Room 723 & 725, 7/F, Block B,
Profit Industrial Building,
1-15 Kwai Fung Crescent,
Kwai Fong, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

TABLE OF CONTENTS

1.	**INTRODUCTION**	**5**
2.	**BASIC PROJECT INFORMATION**	**7**
3.	**ROUTINE IMPACT WATER QUALITY MONITORING**	**11**
4.	**24-HR WATER QUALITY MONITORING**	**19**
5.	**ENVIRONMENTAL SITE INSPECTION AND AUDIT**	**23**
6.	**EXCEEDANCE OF THE ENVIRONMENTAL PARAMETERS**	**24**
7.	**NON-COMPLIANCE, COMPLAINTS, NOTIFICATION OF SUMMONS AND PROSECUTION**	**25**
8.	**CONCLUSIONS**	**26**

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Room 723 & 725, 7/F, Block B,
Profit Industrial Building,
1-15 Kwai Fung Crescent,
Kwai Fong, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

TABLES:

Table I	Summary of Water Quality Exceedances – Routine Impact Monitoring (In-situ)	1
Table II	Summary of Water Quality Exceedances – Routine Impact Monitoring (Laboratory Analysis)	2
Table III	Summary of the Exceedances Recorded in Reporting Month – 24-hr Monitoring	3
Table 2.1	Key Personnel Contact of the Contract	7
Table 2.2	Detailed Dredging Quantity	8
Table 2.3	Status of Environmental Licenses, Notification and Permits	9
Table 3.1	Laboratory Measurement/Analysis Methods and Reporting Limits	11
Table 3.2	Water Quality Monitoring and Sampling Equipment	12
Table 3.3	Monitoring Parameters and Frequency	13
Table 3.4	Water Quality Monitoring Parameters	14
Table 3.5	Locations of Water Quality Monitoring Stations	15
Table 3.6	Summary of Water Quality Exceedance (In-situ Measurement)	16
Table 3.7	Summary of Water Quality Exceedance (Laboratory Analysis)	16
Table 4.1	24 Hours Water Quality Monitoring Equipment	19
Table 4.2	24-hr Water Quality Monitoring Parameters	20
Table 4.3	Location of Water Quality Monitoring Station	20
Table 4.4	Summary of Water Quality Exceedance (24-hr Monitoring)	21
Table 5.1	Compliance with EP Conditions in the Reporting Month	22
Table 5.2	Waste Quantities of Dredging Works	23
Table 7.1	Environmental Complaints Log	25
Table 7.2	Cumulative Statistics on Complaints	25
Table 7.3	Cumulative Statistics on Successful Prosecutions	25

FIGURES:

Figure 1 Project General Layout
Figure 2 Locations of Water Quality Monitoring Stations

APPENDICES:

Appendix A Project Organization Chart
Appendix B Construction Programme
Appendix C Action and Limit Levels
Appendix D Copies of Calibration Certificates
Appendix E Schedule of Water Quality Monitoring
Appendix F Water Quality Monitoring Results and Graphical Presentation – Routine Impact Monitoring
Appendix G Water Quality Monitoring Results and Graphical Presentation – 24-hr Monitoring
Appendix H Event and Action Plans
Appendix I Details of Notification of Exceedances
Appendix J Environmental Mitigation Implementation Schedule
Appendix K Waste Generation in Reporting Period
Appendix L Weather Conditions for the Reporting Month

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

EXECUTIVE SUMMARY

i. This is the Forty-first Monthly Environmental Monitoring Audit (EM&A) Monthly Report – September 2017 for Contract No. CV/2013/04 – Dredging Works in Kwai Tsing and its Approach Channel (Agreement No. CE63/2008 – Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel). The dredging works commenced on 23 April 2014. This report presents the environmental monitoring and audit works conducted from 23 August 2017 to 22 September 2017.

ii. Construction Activities for the Reporting Period
During this reporting period, the principal work activities included:
- Preparation Works of Dredging at Portion A / Zone 2B1, 2B2 and 2C1 in EP
- Dredging at Portion A / Zone 2B1 and 2B2 in EP
  Note: Hotspot area was completed excepted hard materials and buffer zone was almost completed except known highspot and hard materials

iii. Water Quality Monitoring
Routine impact water quality monitoring at 9 designated monitoring stations namely C1A, C2A, G2, SR2, SR3, SR4, SR5, SR12, SR13 were conducted during the reporting period. Exceedances of DO (S&M), Turbidity, NH3-N (in-situ & lab), UIA (in-situ), TIN (in-situ & lab) and Suspended Solid were recorded at various monitoring stations, detail of exceedance are summarized in **Table I and II**. However, investigation indicated these exceedances were not related to the Project works.

Table I Summary of Water Quality Exceedances – Routine Impact Monitoring (In-situ)

Station	Exceedance Level	DO (S&M)		DO (B)		Turbidity		NH3-N		UIA		TIN		Total	
		E	F	E	F	E	F	E	F	E	F	E	F	E	F
SR2	Action	0	0	0	0	1	1	0	0	0	0	-	-	1	1
	Limit	0	0	0	0	0	0	0	0	0	0	-	-	0	0
SR3	Action	0	0	0	0	2	2	0	0	0	0	-	-	2	2
	Limit	0	0	0	0	0	0	2	0	1	0	-	-	3	0
SR4	Action	0	0	0	0	0	0	0	0	0	0	-	-	0	0
	Limit	0	0	0	0	3	2	0	0	0	0	-	-	3	2
SR5	Action	0	0	0	0	2	2	-	-	-	-	1	0	3	2
	Limit	2	2	0	0	0	0	-	-	-	-	12	13	14	15
SR12	Action	0	0	0	0	0	0	0	0	0	0	-	-	0	0
	Limit	0	0	0	0	2	1	0	0	0	0	-	-	2	1
SR13	Action	0	0	0	0	0	0	-	-	-	-	-	-	0	0
	Limit	0	0	0	0	0	0	-	-	-	-	-	-	0	0
Total	Action	0	0	0	0	5	5	0	0	0	0	1	0	11	
	Limit	2	2	0	0	5	3	2	0	1	0	12	13	40	

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

Table II Summary of Water Quality Exceedances – Routine Impact Monitoring (Laboratory Analysis)

Station	Exceedance Level	Suspended Solids		BOD_5		*E. coli*		NH_3-N		UIA		Synthetic Detergent		TIN		Total	
		E	F	E	F	E	F	E	F	E	F	E	F	E	F	E	F
SR2	Action	0	0	-	-	-	-	0	0	0	0	-	-	-	-	0	0
	Limit	0	0	-	-	-	-	0	0	0	0	-	-	-	-	0	0
SR3	Action	0	1	-	-	-	-	0	0	0	0	-	-	-	-	0	1
	Limit	0	0	-	-	-	-	1	0	0	0	-	-	-	-	1	0
SR4	Action	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0
	Limit	0	2	0	0	0	0	0	0	0	0	0	0	-	-	0	2
SR5	Action	0	1	-	-	-	-	-	-	-	-	-	-	1	0	1	1
	Limit	0	0	-	-	-	-	-	-	-	-	-	-	12	13	12	13
SR12	Action	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0
	Limit	3	3	0	0	0	0	0	0	0	0	0	0	-	-	3	3
SR13	Action	0	0	-	-	-	-	-	-	0	0	-	-	-	-	0	0
	Limit	0	0	-	-	-	-	-	-	0	0	-	-	-	-	0	0
Total	Action	0	2	0	0	0	0	0	0	0	0	0	0	1	0	3	
	Limit	3	5	0	0	0	0	1	0	0	0	0	0	12	13	34	

Among the 9 monitoring stations, supplementary 24-hr water quality monitoring was also conducted at 4 of the stations, which are SR4, SR5, SR12 and SR13. No exceedance was recorded in the reporting month. Number of exceedances recorded in the reporting month at each impact station is summarized in **Table III**.

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

Table III Summary of the Exceedances Recorded in Reporting Month – 24-hr Monitoring

Station	Exceedance Level	Turbidity	DO	NH_3-N	Total
SR4	Action	0	0	0	0
	Limit	0	0	0	0
SR5	Action	0	0	-	0
	Limit	0	0	-	0
SR12	Action	0	0	0	0
	Limit	0	0	0	0
SR13	Action	0	0	-	0
	Limit	0	0	-	0
Total	Action	0	0	0	0
	Limit	0	0	0	0

iv. Waste Management

There was marine sediment Type 2 sediment (Confined Marine Disposal) disposed to East of Sha Chau Contaminated Mud Pit and a small amount of general refuse were disposed off site in the reporting month.

v. Non-Compliance, Complaints, Notifications of Summons and Successful Prosecutions

No complaint, notification of prosecutions or summons was received in the reporting period.

vi. Site Inspections and Audit

The Environmental Team conducted 5 site inspections in the reporting period. Contractor was reminded that clear label shall be provided to oil drum. Besides, the grab of dredge 161 should drip off the seawater within the silt curtain before transferring into the barge, and grab should be enclosed after transferring back to the silt curtain.

According to Contractor, no archaeological deposit was found during reporting period.

vii. Compliance with Specific EP conditions

Implementation of contractor's mitigation for dredging work and the associated dredging records were checked. It was concluded that the dredging is conducted orderly in compliance with the EP requirements on site mitigation measures in general.

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

viii. Construction Activities for the Coming Reporting Period

During the coming reporting period, the principal work activities included:

- Preparation Works of Dredging at Portion A / Zone 2B1, 2B2 and 2C1 in EP
- Dredging at Portion A / Zone 2B1 and 2B2 in EP

Future Key Issues include:

- Regular inspection on silt curtain deployment
- Regular inspection on silt screen deployment
- Implementation of EM&A Programme
- Maintain dredging below allowable dredging rate in EP.
- Cleaning of excess material from the decks and exposed fittings of barges and dredgers before the vessel is moved.
- Barge loading shall be monitored to ensure material is not lost during transportation.
- Conditions in dumping permit shall be followed strictly.

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

1. INTRODUCTION

1.1 Background

1.1.1 The Project objective is to dredge approximately 4.0 million cubic metres of sediment from the seabed of Kwai Tsing Container Basin, as well as portions of Northern Fairway and Western Fairway, to provide sufficient depth of container basin and approach channel to Kwai Tsing Container Terminal (KTCT) for the safe navigation of Ultra Large Container Ships (ULCS).

1.1.2 The environmental monitoring and audit works of this Project is governed by Environmental Permit (EP) No. EP-426/2011/A, EM&A Manual (AEIAR-156/2010) and EM&A TIN (EPD Letter Ref: (34) in Ax(1) to EP2/N3/C/57Pt.7)).

1.1.3 The project proponent was the Civil Engineering & Development Department, HKSAR (CEDD). The Project General Layout is shown in **Figure 1**.

1.1.4 Mott MacDonald Hong Kong Ltd. (MMHK) was commissioned by CEDD as the Engineer for the Project. Ramboll Environ Hong Kong Limited (REHK) was employed as the Independent Environmental Checker (IEC) in the Project.

1.1.5 China International Water & Electric Corporation Limited (CIWE) was appointed as the main contractor for the dredging works.

1.1.6 MateriaLab Consultants Limited (MCL) was appointed as the Environmental Team (ET) to implement the Environmental Monitoring and Audit (EM&A) programme for the Project.

1.1.7 The construction phase of the Project under the EP was commenced on 23 April 2014.The impact EM&A programme of the Project commenced on 23 April 2014.

1.2 Purpose of the Report

1.2.1 This Forty-first Monthly EM&A Report is prepared by MCL. This report presents a summary of the environmental monitoring and audit works, list of activities and mitigation measures proposed by the ET for the Project in 23 August 2017 to 22 September 2017.

1.3 Structure of the Report

1.3.1 The structure of this report is as follows:

Section 1: Introduction, including background, purpose and structure of the report
Section 2: Basic Project Information – summaries background and scope of the Contract, site description, project organization and contract details, construction programme, the construction works undertaken and the status of Environmental Permits/Licenses during the reporting period.
Section 3: Routine Impact Water Quality Monitoring – summaries the monitoring parameters, monitoring programmes, monitoring methodologies, monitoring frequency,

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

monitoring locations, Action and Limit Levels, monitoring results and Event / Action Plans.

Section 4: 24-hr Water Quality Monitoring – summaries the monitoring parameters, monitoring programmes, monitoring methodologies, monitoring frequency, monitoring locations, Action and Limit Levels, monitoring results and Event / Action Plans.

Section 5: Environmental Site Inspection – summaries the audit findings of the weekly site inspections undertaken within the reporting period.

Section 6: Exceedance of the environmental parameters – summaries any monitoring exceedance within the reporting period.

Section 7: Non-Compliance, Complaints, notifications of summons and Prosecution – summaries any environmental complaints, environmental summons and successful prosecutions within the reporting period.

Section 8: Conclusions and Recommendation

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

2. BASIC PROJECT INFORMATION

2.1 Project Organizations

2.1.1 The Project Organization structure is shown in **Appendix A**. The key personnel contact names and numbers are summarized in **Table 2.1**.

Table 2.1 Key Personnel Contact of the Contract

Party	Position	Name	Telephone	Fax
Engineer's Representative (MMHK)	Resident Engineer	Mr. Pan Chan	2419 6008	2419 6218
Independent Environmental Checker (REHK)	Independent Environmental Checker	Mr. YH Hui	3465 2888	3465 2899
Contractor (CIW&E)	Site Agent	Mr. KO Leung	2419 6008	2419 6218
	Environmental Officer	Mr. WH Lam	2419 6008	2419 6218
Environmental Team (MCL)	Environmental Team Leader	Mr. Colin Yung	3565 4114	3565 4160

2.2 Construction Programme

2.2.1 The construction phase of the Project under the EP commenced on 23 April 2014.

2.2.2 The construction programme of the Project is shown in **Appendix B**.

2.2.3 The environmental mitigation measures implementation schedule is presented in **Appendix J**.

2.3 Works undertaken during the month

During this reporting period, the principal work activities included:

- Preparation Works of Dredging at Portion A / Zone 2B1, 2B2 and 2C1 in EP
- Dredging at Portion A / Zone 2B1 and 2B2 in EP

Note: Hotspot area was completed excepted hard materials and buffer zone was almost completed except known highspot and hard materials

Daily dredging quantity in the reporting month is provided in **Table 2.2**.

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

Table 2.2 Detailed Dredging Quantity

Date	Dredged Quantity (in-situ, m^3)		
	Portion A		
	Zone (Maximum Allowable Daily Dredged Rate)		
23-August-2017	0	0	0
24-August-2017	0	0	0
25-August-2017	2B2: 154 (1450)	0	0
26-August-2017	0	0	0
27-August-2017	0	0	0
28-August-2017	0	0	0
29-August-2017	0	0	0
30-August-2017	0	0	0
31-August-2017	0	0	0
01-September-2017	0	0	0
02-September-2017	0	0	0
03-September-2017	0	0	0
04-September-2017	0	0	0
05-September-2017	0	0	0
06-September-2017	2B2: 77 (1450)	0	0
07-September-2017	2B1: 154 (800)	0	0
08-September-2017	0	0	0
09-September-2017	0	0	0
10-September-2017	0	0	0
11-September-2017	0	0	0
12-September-2017	0	0	0
13-September-2017	0	0	0
14-September-2017	0	0	0
15-September-2017	0	0	0
16-September-2017	0	0	0
17-September-2017	0	0	0
18-September-2017	0	0	0
19-September-2017	0	0	0
20-September-2017	0	0	0
21-September-2017	2B1: 231 (800)	0	0
22-September-2017	2B1: 231 (800)	0	0

Note: Hotspot area was completed excepted hard materials and buffer zone was almost completed except known highspot and hard materials

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

2.4 Status of Environmental Licences, Notification and Permits

2.4.1 A summary of the relevant permits, licences and/or notifications on environmental protection for this Contract is presented in **Table 2.3**.

Table 2.3 Status of Environmental Licenses, Notification and Permits

Permit / Direction / License	Ref No	Valid From	Valid Till
Notification pursuant to Air Pollution (Control Dust) Regulation	Not Required		
Billing Account for Waste Disposal (Land Vehicle/ Dump Truck)	7018156	5/9/2013	Upon Completion
Billing Account for Waste Disposal (Vessels to Tuen Mun 38 Fill Bank)	7026587	20/2/2017	Extended to 13/11/2017
Construction Noise Permit Portion A (Area A3 and Area A2) 0000-2400 hours on general holidays (including Sundays); 0000-0700 and 1900-2400 hours on any day not being a public holiday (including Sunday) but note Condition 3.d.1 below for the hours within which the use of the above listed mechanical powered equipment is allowed.	GW-RW0396-17	23/08/2017	23/11/2017
Marine Dumping Permit Portion A Type 1 Open Sea Disposal (Dedicated Site)	EP/MD/18-043	1/8/2017	31/8/2017
Type 2 Confined Marine Disposal *East of Sha Chau Contaminated Mud Pit (CMP Vd) as directed by management team of CEDD*	EP/MD/18-054	1/09/2017	30/09/2017
Marine Dumping Permit Portion A Type 1 Open Sea Disposal *An area of South Cheung Chau Open Sea Sediment Disposal Area denoted "KTCB" as shown in the chartlet (Drawing no. MFC/002-KTCB-A-R1)*	EP/MD/17-151	30/6/2017	31/10/2017
Waste Producer License	5213-320-C3907-01	27/10/2014	Upon Completion

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

2.5 Summary of EM&A Programme Requirements

2.5.1 The EM&A programme requires environmental monitoring for water quality and environmental site inspections for air quality, noise, water quality, waste management, landscape and visual impact. The EM&A requirements for each parameter described in the following sections include:

- All monitoring parameters;
- Monitoring schedules for the reporting month and forthcoming month;
- Action and Limit levels for all environmental parameters;
- Event / Action Plan;
- Environmental mitigation measures, as recommended in the Project EIA reports; and
- Environmental requirement in contract documents.

2.6 Construction Activities for the Coming Reporting Period

During the coming reporting period, the principal work activities included:

- Preparation Works of Dredging at Portion A / Zone 2B1, 2B2 and 2C1 in EP
- Dredging at Portion A / Zone 2B1 and 2B2 in EP

Future Key Issues include:

- Regular inspection on silt curtain deployment
- Regular inspection on silt screen deployment
- Implementation of EM&A Programme
- Maintain dredging below allowable dredging rate in EP.
- Cleaning of excess material from the decks and exposed fittings of barges and dredgers before the vessel is moved.
- Barge loading shall be monitored to ensure material is not lost during transportation.
- Conditions in dumping permit shall be followed strictly.

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

3. ROUTINE IMPACT WATER QUALITY MONITORING

3.1 Monitoring Methodology

3.1.1 In-situ measurements and water samples were taken at 3 depths of the water column for each monitoring location, i.e. 1m below the surface, mid-depth, and 1m above the seabed, except where the water depth was less than 6m in which case the mid-depth was omitted and for locations where the water depth was less than 3m only the mid-depth level was monitored.

In-Situ Measurement

3.1.2 Prior to each monitoring day, wet bulb calibration was performed for the DO probes. Zero check in distilled water and calibration with a solution of known NTU were carried out for the turbidity probes. Three-point calibration of pH probes was completed each monitoring day.

3.1.3 At each sampling depth, two consecutive measurements were taken for turbidity, pH, DO, temperature, salinity, and ammonia. Separate deployment of the monitoring instruments was conducted for the consecutive measurements. When the difference between the two measurements for DO or turbidity was higher than 25% of the value of the first reading, the reading would be discarded and further readings would be taken. Three replicates of TIN measurement were performed for each depth at each monitoring location.

Laboratory Analysis

3.1.4 Duplicate water samples were collected at each sampling depth for laboratory measurement of SS, BOD_5 & synthetic detergent, ammonia, and *E.coli* at the required monitoring stations shown in **Table 3.4**. Three replicates were taken for TIN measurements at the specified locations. Samples were stored in high density polythene bottles, packed in ice (cooled to 4°C without being frozen), and delivered to the laboratory on the same day of collection for analysis.

3.1.5 ALS Technichem (HK) Pty Ltd (HOKLAS Reg. No. 066), was appointed to be the laboratory for analysis of water samples in the impact monitoring project. The methods adopted by the laboratories and the reporting limits are detailed in **Table 3.1**.

Table 3.1 Laboratory Measurement/Analysis Methods and Reporting Limits

Analysis Description	Method	Reporting limits
Suspended Solid	APHA 2540D	1 mg/L
Ammonia	APHA 4500NH3:B&C	0.01 mg/L
Nitrite	APHA 4500NO2:B&H	0.01 mg/L
Nitrate	APHA 4500NO3:I	0.01 mg/L
Total Inorganic Nitrogen	By Calculation	0.02 mg/L
5-day Biochemical Oxygen Demand	APHA 5210B	1 mg/L
Synthetic Detergent	As Methylene Blue Active Substance	0.5 mg/L

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

Analysis Description	Method	Reporting limits
E. coli	DoE Section 7.8 & 7.9 plus in situ urease test	1 cfu/100mL

3.2 Monitoring Equipment

3.2.1 Equipment used for in-situ measurement and water sampling during impact water quality monitoring is summarised in **Table 3.2**. The equipment is in compliance with the requirements set out in the EM&A Manual. All in-situ monitoring instruments were calibrated by a HOKLAS-accredited laboratory or by standard solutions. Calibration of temperature, DO, salinity, pH and turbidity is conducted in three month interval, while QA/QC for in-situ ammonia measurement is carried out at 1-month interval. Calibration certificates for the water quality monitoring equipment are attached in **Appendix D**.

Table 3.2 Water Quality Monitoring and Sampling Equipment

Parameter	Equipment	Model	Range	Equipment Accuracy
Nitrate	Photometer	• HACH DR900, and • Nitrate Reagent Set (Cadmium Reduction Method)	NO_3: 0.01 to 0.50 mg/L	±0.5%
Ammonia, Nitrite	Photometer	• Lovibond MD600 Maxi Direct, and • Ammonia Reagent Set (Indophenol blue / Salicylate); • Nitrite Reagent Set (N-(1-Naphthyl)-ethylendiamine)	NH_3-N: 0.02 to 1mg/L; 1 to 50mg/L NO_2: 0.01 to 0.5mg/L	±2%
Temperature, Dissolved Oxygen, salinity, pH, Turbidity	Water Quality Monitoring Device	YSI 6920V2-2-M Sonde	Temp: -5 to 50°C DO: 0-50mg/L DO%: 0-500% Sal: 0 to 70 ppt pH: 0 to 14 pH units Turb: 0-1000NTU	Temp: ±0.15°C DO: ±0.1mg/L or 1% (whichever greater) for 0-20mg/L; ±15% for 20-50mg/L Sal: ±1% or 0.1ppt (whichever greater) pH: ±0.2 units Turb: ±2% or 0.3NTU (whichever greater)
Water Sampling	Water Sampler	Aquatic Research Transparent PC Horizontal Water Sampler 2.2L / 3L / 5L	NA	NA
Positioning	Global Positioning System (GPS)	Garmin eTrex	NA	±3m
		Garmin GPS72	NA	±3m
Water Depth	Echo Sounder	Garmin ECHO 100	0.6 to 91 m	0.1 m

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

3.3 Monitoring Parameters

3.3.1 The monitoring parameters and frequency for both in-situ measurement and laboratory analysis are summarised in **Table 3.3**. Parameters for each monitoring station are specified in **Table 3.4**.

Table 3.3 Monitoring Parameters and Frequency

Parameters	Monitoring Frequency
In-situ Measurement Turbidity (in NTU), pH, Dissolved Oxygen (in mg/L and %), Temperature (in °C), Salinity (in ppt), [1]Ammonia-N (in mg/L-N and UIA); [2]TIN: Ammonia-N (in mg/L), Nitrite (in mg/L), Nitrate (in mg/L) Laboratory Analysis [1]Ammonia-N (in mg/L-N and UIA), Suspended Solids (SS), [3]BOD_5, [3]*E.coli*, [3]Synthetic Detergent; [2]TIN: Ammonia-N (in mg/L), Nitrite (in mg/L), Nitrate (in mg/L)	3 days per week, at mid-flood and mid-ebb tides (except [3]detergent which shall be taken one day per month, at mid-flood and mid-ebb) 36 hours interval was allowed between subsequent sets of measurement.

Notes:
1. Ammonia measurements and samples were taken at SR2, SR3, SR4, SR12, C1A, C2A only;
   UIA: In-situ unionized ammonia was calculated from in-situ measurement of NH_3-N, temperature, pH and salinity; Laboratory determined unionized ammonia was calculated from analysed NH_3-N from water samples and in-situ measurement of temperature, pH and salinity;
2. Total Inorganic Nitrogen (TIN) measurements and samples were taken at SR5, G2, C1A and C2A only;
3. BOD_5, *E.coli* and Synthetic Detergent samples were taken at SR4, SR12, C1A, C2A only.

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

Table 3.4 Water Quality Monitoring Parameters

ID	In-situ Measurement							Laboratory Analysis					
	pH	**Temperature**	Salinity	Turbidity	Dissolved Oxygen / **Dissolved Oxygen%**	**NH_3-N / UIA**	**TIN (NH_3-N, NO_2 & NO_3)**	**Suspended Solids**	**BOD_5**	***E. coli***	**NH_3-N / UIA**	**Synthetic Detergent**	**TIN (NH_3-N, NO_2 & NO_3)**
SR2	O	O	O	O	O	O		O			O		
SR3	O	O	O	O	O	O		O			O		
SR4	O	O	O	O	O	O		O	O	O	O	O	
SR5	O	O	O	O	O		O	O					O
SR12	O	O	O	O	O	O		O	O	O	O	O	
SR13	O	O	O	O	O			O					
G2	O	O	O	O	O		O	O					O
C1A	O	O	O	O	O	O	O	O	O	O	O	O	O
C2A	O	O	O	O	O	O	O	O	O	O	O	O	O

Note:

1. UIA: In-situ unionized ammonia was calculated from in-situ measurement of NH_3-N, temperature, pH and salinity; laboratory determined unionized ammonia was calculated from analysed NH_3-N from water samples taken and in-situ measurement of temperature, pH and salinity.

3.4 Monitoring Locations

3.4.1 Referring to the Proposal for Temporary Suspension of Impact Water Quality Monitoring (0394_13_ED_0326F) which was submitted to EPD in August 2016 with no objection was received from EPD; removal of routine water quality monitoring stations at SR1 was effective on 24 December 2016.

3.4.2 Referring to the *Proposal on Removal of Some Water Quality Monitoring Stations After Resumption of Marine Construction Works (Dredging Works and Marine Works of the Northern Part of Kwai Tsing Container Basin Only)* (0394_13_ED_0332I) which has been submitted to EPD and relevant parties in December 2016 with no objection, removal of routine water quality monitoring stations at SR6, SR7, SR8, SR9, SR10 and SR11 was effective from 23 January 2017. Due to removal of some sensitive receivers in routine water quality monitoring, gradient stations G3, G5 and G6 were also be removed and gradient stations G1 and G4 replaced the previous control stations C1, C2 and C3 as C1A and C2A with reference to the approved proposal (0394_13_ED_0332I) which was effective from 23 January 2017.

3.4.3 Impact water quality monitoring was conducted at 9 locations, including 6 sensitive receivers (SR2, SR3, SR4, SR5, SR12, SR13), 1 gradient station (G2) and 2 control stations (C1A, C2A), whose detailed information is summarised in **Table 3.5**. The locations of the stations are also shown in **Figure 2**.

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

Table 3.5 Locations of Water Quality Monitoring Stations

Water Monitoring Station		Easting	Northing
SR2	Casam, Gazetted Beach	825723.225	825334.784
SR3	Approach, Gazetted Beach	826960.152	825260.726
SR4	Tsuen Wan, WSD Flushing Water Intake	829270.482	825382.994
SR5	Ma Wan, Fish Culture Zone	823758.839	823575.934
SR12	Tsing Yi, WSD Flushing Water Intake	829599.152	823262.269
SR13	EMSD Cooling Water Intake for Kwai Chung Hospital	831397.450	822002.433
G2	Gradient Station	825979.792	824683.158
C1A	Control Station	820626.195	822834.323
C2A	Control Station	830423.070	819431.722

3.5 Monitoring date, time frequency and duration

In the reporting period, impact water quality monitoring was carried out 3 days per week, at mid-flood and mid-ebb tides, from 23 August 2016 to 22 September 2017. Detailed impact monitoring schedule for the reporting month and the coming month is included in **Appendix E**

3.6 Weather conditions

3.6.1 The weather condition during the impact monitoring is provided in **Appendix L**.

3.7 Results and Observations

3.7.1 Impact water quality monitoring was conducted at all designated monitoring stations in the reporting month. Impact water quality monitoring results and graphical presentations are provided in **Appendix F**.

3.7.2 During the monitoring period, some adverse weather conditions, including Rainstorm Warning signal, Thunderstorm Warning signals and Tropical Cyclone Warning Signals were reported. Heavy marine traffic (not associated with the Project) was commonly observed nearby the Project site and its vicinity, that the propeller wash from vessels could lead to potential disturbance of seabed sediment and affect the water quality. The above conditions may affect monitoring results. Summary of weather condition are provided in **Appendix L**.

3.7.3 Number of exceedances recorded in the reporting month at each impact station is summarized in **Table 3.6** and **3.7**.

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

Table 3.6 Summary of Water Quality Exceedance (In-situ Measurement)

Station	Exceedance Level	DO (S&M)		DO (B)		Turbidity		NH3-N		UIA		TIN		Total	
		E	F	E	F	E	F	E	F	E	F	E	F	E	F
SR2	Action	0	0	0	0	1	1	0	0	0	0	-	-	1	1
	Limit	0	0	0	0	0	0	0	0	0	0	-	-	0	0
SR3	Action	0	0	0	0	2	2	0	0	0	0	-	-	2	2
	Limit	0	0	0	0	0	0	2	0	1	0	-	-	3	0
SR4	Action	0	0	0	0	0	0	0	0	0	0	-	-	0	0
	Limit	0	0	0	0	3	2	0	0	0	0	-	-	3	2
SR5	Action	0	0	0	0	2	2	-	-	-	-	1	0	3	2
	Limit	2	2	0	0	0	0	-	-	-	-	12	13	14	15
SR12	Action	0	0	0	0	0	0	0	0	0	0	-	-	0	0
	Limit	0	0	0	0	2	1	0	0	0	0	-	-	2	1
SR13	Action	0	0	0	0	0	0	-	-	-	-	-	-	0	0
	Limit	0	0	0	0	0	0	-	-	-	-	-	-	0	0
Total	Action	0	0	0	0	5	5	0	0	0	0	1	0	11	
	Limit	2	2	0	0	5	3	2	0	1	0	12	13	40	

Table 3.7 Summary of Water Quality Exceedance (Laboratory Analysis)

Station	Exceedance Level	Suspended Solids		BOD_5		*E. coli*		NH_3-N		UIA		Synthetic Detergent		TIN		Total	
		E	F	E	F	E	F	E	F	E	F	E	F	E	F	E	F
SR2	Action	0	0	-	-	-	-	0	0	0	0	-	-	-	-	0	0
	Limit	0	0	-	-	-	-	0	0	0	0	-	-	-	-	0	0
SR3	Action	0	1	-	-	-	-	0	0	0	0	-	-	-	-	0	1
	Limit	0	0	-	-	-	-	1	0	0	0	-	-	-	-	1	0
SR4	Action	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0
	Limit	0	2	0	0	0	0	0	0	0	0	0	0	-	-	0	2
SR5	Action	0	1	-	-	-	-	-	-	-	-	-	-	1	0	1	1
	Limit	0	0	-	-	-	-	-	-	-	-	-	-	12	13	12	13
SR12	Action	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0
	Limit	3	3	0	0	0	0	0	0	0	0	0	0	-	-	3	3
SR13	Action	0	0	-	-	-	-	-	-	0	0	-	-	-	-	0	0
	Limit	0	0	-	-	-	-	-	-	0	0	-	-	-	-	0	0
Total	Action	0	2	0	0	0	0	0	0	0	0	0	0	1	0	3	
	Limit	3	5	0	0	0	0	1	0	0	0	0	0	12	13	34	

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

3.7.4 During the reporting period, 4 LL exceedances for DO (S&M); 10 AL and 8 LL exceedances for Turbidity; 2 LL exceedances for NH3-N (in-situ); 1 LL exceedance for UIA (in-situ); 1 AL and 25 LL exceedances for TIN (in-situ); 2 AL and 8 LL exceedances for Suspended solid; 1 LL exceedance for NH3-N (lab); and 1 AL and 25 LL exceedances for TIN (lab) were recorded.

3.7.5 A number of exceedances were recorded in the reporting month, however, based on the finding from the investigation on the recorded cases of exceedances, the cause was found not related to the project. The exceedances may be caused by influences in the vicinity of the station or changes of the ambient conditions.

3.7.6 The details of Notification of Exceedance can be referred to **Appendix I**.

3.8 Action and Limit Levels

3.8.1 Referring to the ER Letter ref. (CV/2013/04)/M45/400/1247 dated 19 March 2015, a Revised Baseline Water Quality Monitoring Test Methodology – Review of Action and Limit Levels has been submitted to EPD by ER in March 2015. The Action and Limit Level for the wet season (April – October) was effected and applied to the water quality monitoring data from 1 April 2015. The Action and Limit Level is given in **Appendix C**.

3.9 Event and Action Plan

3.9.1 The Event and Action Plan is given in **Appendix H**.

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

4. 24-HR WATER QUALITY MONITORING

4.1 Monitoring Methodology

4.1.1 The monitoring probes are set up around the fish rack at the Fish Culture Zone and seawater intake point. Small buoys are placed on the sea surface to indicate the locations of the monitoring probes. Data loggers and wireless modems are placed on a framework or covered places, such as storage house on the fish rack.

4.1.2 The 24 hours water quality monitoring is performed at a depth of 1 to 2m below the water surface. The dissolved oxygen, temperature and turbidity data are logged at 5 minutes interval by the multi-probe, while ammonia data are logged at 20 minutes interval and data are transmitted via the wireless transmission system to the designated computers with the installation of automatic checking programme to detect exceedances at the offices of ET. In case where an action/limit level exceedance is evidenced (a continuous exceedance for any 30 minutes i.e. 6 consecutive monitoring data exceedances for DO, temperature and turbidity; and 3 consecutive exceedances of ammonia data), an email notification will be sent automatically to ET, Contractor, ER, EPD, AFCD and WSD to alert the event for further investigation.

4.2 Monitoring Equipment

4.2.1 The following equipment and facilities will be used for the monitoring of water quality impacts:

Dissolved Oxygen, Turbidity and Temperature Measuring Equipment

A multi probe meter measuring dissolved oxygen, temperature and turbidity is set up at the 24 hours monitoring stations

- A DO level in the range of 0-20 mg/L and 0-200% saturation;
- A temperature of between 0 and 45 degree Celsius;
- A turbidity of between 0-1000NTU

The DO equipment is equipped with built-in salinity compensation.

Ammonia Measuring Equipment

The ammonia measuring equipment is used to monitor seawater ammonia level at WSD flushing water intake on a 24 hours a days 7 days a week during works basis.

Data Acquisition System

The data acquisition system is used to log water quality data at 5 minutes interval by the multi-probe and at 20 min interval by the ammonia sensor. Data will be transmitted via the wireless transmission system to the designated computers at ET office.

Table 4.1 lists out the detail of monitoring equipment.

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

Table 4.1 24 Hours Water Quality Monitoring Equipment

Parameter	Equipment	Model	Range	Equipment Accuracy
Temperature, Dissolved Oxygen, Turbidity	Water Quality Monitoring Device	• YSI 6920V2-2-M Sonde	Temp: -5 to 50°C DO: 0-50mg/L DO%: 0-500% Turb: 0-1000NTU	▪ Temp: ±0.15°C ▪ DO: ±0.1mg/L or 1% (whichever greater) for 0-20mg/L; ±15% for 20-50mg/L ▪ Turb: ±2% or 0.3NTU (whichever greater)
Data Acquisition System	Data Logger	Campbell CR200	NA	NA
	Data Logger	Campbell CR800	NA	NA
	Data Transmitter	NXN GT-511	NA	NA
Ammonia	Photometric Analyzer	Systea S.p.A. Micromac 1000 Ammonia Reagent Set: OPA	N-NH_3: 0-2mg/L	N-NH_3: <0.01mg/L

4.2.2 Equipment Calibration

In-situ monitoring instruments are checked, calibrated and certified by a laboratory accredited under HOKLAS or any other international accreditation scheme before use, and subsequently re-calibrated at 3 months intervals throughout the water quality monitoring programme.

The monitoring equipment, monitoring probes are cleaned and checked twice a week.

Equipment calibration records are in **Appendix D**.

4.3 Monitoring Parameters

4.3.1 Dissolved oxygen, temperature and turbidity are recorded every 5 minutes, 24 hours a day 7 days a week during dredging works.

4.3.2 In-situ NH_3-N at WSD Flushing Water Intake are measured every 20 minutes, 24 hours a day 7 days a week during works.

4.3.3 The water quality parameters measured at particular locations are shown in **Table 4.2**.

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

Table 4.2 24-hr Water Quality Monitoring Parameters

ID	Description	Parameters				
		Temperature	Turbidity	DO (mg/L)	DO%	NH_3-N
SR4	Tsuen Wan, WSD Flushing Water Intake	O	O	O	O	O
SR5	Ma Wan, Fish Culture Zone	O	O	O	O	
SR12	Tsing Yi, WSD Flushing Water Intake	O	O	O	O	O
SR13	EMSD Cooling Water Intake for Kwai Chung Hospital	O	O	O	O	

4.4 Monitoring Locations

Referring to the *Proposal on Removal of Some Water Quality Monitoring Stations After Resumption of Marine Construction Works (Dredging Works and Marine Works of the Northern Part of Kwai Tsing Container Basin Only)* (0394_13_ED_0332I) which has been submitted to EPD and relevant parties in December 2016 with no objection, removal of 24 hour monitoring stations at SR9, SR10 and SR11 was effective from 23 January 2017. The setups of 24 hour monitoring stations at SR9, SR10 and SR11 were removed on 7 February 2017. The 24 hours water quality monitoring works are performed at the following locations (**Table 4.3**).

Table 4.3 Location of Water Quality Monitoring Station

Water Monitoring Station		Easting	Northing
SR4	Tsuen Wan, WSD Flushing Water Intake	829270.482	825382.994
SR5	Ma Wan, Fish Culture Zone	823758.839	823575.934
SR12	Tsing Yi, WSD Flushing Water Intake	829599.152	823262.269
SR13	EMSD Cooling Water Intake for Kwai Chung Hospital	831397.450	822002.433

Revisions on monitoring locations were proposed in previous submission (MateriaLab Report No. Ref: 0394/13/ED/0103 – WATER QUALITY MONITORING LOCATION) and were agreed among AFCD, EMSD, WSD and EPD.

4.5 Results and Observations

4.5.1 24-hr water quality monitoring was conducted at all designated monitoring stations in the reporting month. Results are provided in **Appendix G**.

4.5.2 During the monitoring period, some adverse weather conditions, including Rainstorm Warning signal, Thunderstorm Warning signals and Tropical Cyclone Warning Signals were reported. Heavy marine traffic (not associated with the Project) was commonly observed nearby the Project site and its vicinity, that the propeller wash from vessels could lead to potential

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

disturbance of seabed sediment and affect the water quality. The above conditions may affect monitoring results. Furthermore, the fish culturing or other activities occurring on the fish rack may cause adverse impact on the receiving water. Summary of weather conditions and red tide occurrences are provided in **Appendix L**.

4.5.3 Number of exceedances recorded in the reporting month at each impact station is summarized in **Table 4.4**.

Table 4.4 Summary of Water Quality Exceedance (24-hr Monitoring)

Station	Exceedance Level	Turbidity	DO	NH_3-N	Total
SR4	Action	0	0	0	0
	Limit	0	0	0	0
SR5	Action	0	0	-	0
	Limit	0	0	-	0
SR12	Action	0	0	0	0
	Limit	0	0	0	0
SR13	Action	0	0	-	0
	Limit	0	0	-	0
Total	Action	0	0	0	0
	Limit	0	0	0	0

4.6 No exceedance was recorded in the reporting month.

4.7 Action and Limit Levels

4.7.1 Referring to the ER Letter ref. (CV/2013/04)/M45/400/1247 dated 19 March 2015, a Revised Baseline Water Quality Monitoring Test Methodology – Review of Action and Limit Levels has been submitted to EPD by ER in March 2015. The Action and Limit Level for the wet season (April – October) was effected and applied to the water quality monitoring data from 1 April 2015. The Action and Limit Level is given in **Appendix C**.

4.8 Event and Action Plan

4.8.1 The Event and Action Plan is given in **Appendix H**.

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

5. ENVIRONMENTAL SITE INSPECTION AND AUDIT

5.1 Site Inspections

5.1.1 Site inspections were carried out weekly by ET to monitor the implementation of proper environmental pollution control and mitigation measures for the Project. In the reporting month, 5 site inspections were carried out on 24 and 31 August and 7, 14 and 21 September 2017.

5.1.2 The Environmental Team conducted 5 site inspections in the reporting period. Contractor was reminded that clear label shall be provided to oil drum. Besides, the grab of dredge 161 should drip off the seawater within the silt curtain before transferring into the barge, and grab should be enclosed after transferring back to the silt curtain.

5.1.3 According to Contractor, no archaeological deposit was found during reporting period.

5.2 Advice on the Solid and Liquid Waste Management Status

5.2.1 According to the Contractor, 10m^3 general refuse were generated and disposed off site in the reporting period. Monthly summary of waste flow table is detailed in **Appendix K**.

5.3 Dredging and Disposal

5.3.1 Implementation of mitigation measures for dredging works and the associated dredging records were checked and the findings are summarized in **Table 5.1**.

Table 5.1 Compliance with EP Conditions in the Reporting Month

EP Condition	Compliance Status and/or Recommendations
3.1 (a), (d) Measures to Mitigate Water Quality Impact	Complied with EP requirement to maintain daily dredging rate below 4000m^3 for each dredger. No more than two grab dredgers operating within the Project Area. No more than one grab dredger operating within each of the five main zones. Maximum dredging rate maintained within 800 m^3 per day during wet season for Zone 2B1 and 1450 m^3 per day during wet season for Zone 2B2.
3.1 (e) Silt Curtain Deployment	Silt curtain deployment complied with Silt Curtain Deployment Plan.
3.1 (f) Silt Screen Deployment Plan	Silt screens deployment at WSD1, WSD8 and EMSD1 complied with Silt Screen Deployment Plan.
3.1 (g) 24-hr environmental monitoring and audit	24-hr enhanced environmental monitoring and audit of water quality parameters implemented.
EP Condition 2.5 Submission	1 closed grab dredger operated in Zone 2B1and 2B2.

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

5.3.2 The daily dredging rates, silt curtain deployment and silt screen deployment within the Project area were checked and confirmed to be complied with EP conditions in general.

5.3.3 There was marine sediment Type 2 sediment (Confined Marine Disposal) disposed to East of Sha Chau Contaminated Mud Pit and a small amount of general refuse were disposed off site in the reporting month. The details can be referred to the **Table 5.2.**

Table 5.2 Waste Quantities of Dredging Works

Month	Marine Sediment Type	Quantity Generated from 23 August 2017 to 22 September 2017 (m^3)	Cumulative- to 22 September 2017 (m^3)	Disposal / Dumping Ground
September 2017	Type 1 – Open Sea Disposal	0	1684850	NA
	Type 2 – Confined Marine Disposal	1100	648380	NA
	Type 3 – Special Treatment / Disposal	0	1260	NA

Note: All the Type 3 (Cat. Hf) sediment dredging and disposal was completed on 18 May 2016

5.4 Implementation Status of Environmental Mitigation Measures

A summary of the Implementation Schedule of Environmental Mitigation Measures (EMIS) is presented in **Appendix J**. Most of the necessary mitigation measures were implemented properly.

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

6. EXCEEDANCE OF THE ENVIRONMENTAL PARAMETERS

6.1.1 Fourteen (14) Action Level and Seventy-four (74) Limit Level exceedances were recorded in the routine impact monitoring in the reporting month.

6.1.2 No exceedance was recorded in the 24-hr monitoring in the reporting month.

6.1.3 Notification of exceedance is provided in **Appendix I**.

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

7. NON-COMPLIANCE, COMPLAINTS, NOTIFICATION OF SUMMONS AND PROSECUTION

7.1.1 No complaint, inspection notice, notification of summons or prosecution was received in this reporting period. Cumulative complaint log, summaries of complaints, notification of summons and successful prosecutions are presented in Tables 7.1, 7.2 and 7.3.

Table 7.1 Environmental Complaints Log

Complaint Log No.	Date of Receipt	Received From and Received By	Nature of Complaint	Date Investigated	Outcome	Date of Reply
Nil	-	-	-	-	-	-

Table 7.2 Cumulative Statistics on Complaints

Environmental Parameters	Cumulative No. Brought Forward	No. of Complaints This Month	Cumulative Project-to-Date
Air	0	0	0
Noise	0	0	0
Water	0	0	0
Waste	0	0	0
Total	0	0	0

Table 7.3 Cumulative Statistics on Successful Prosecutions

Environmental Parameters	Cumulative No. Brought Forward	No. of Prosecutions This Month	Cumulative Project-to-Date
Air	0	0	0
Noise	0	0	0
Water	0	0	0
Waste	0	0	0
Total	0	0	0

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

8. CONCLUSIONS

8.1.1 The dredging works was commenced on 23 April 2014. The EM&A programme was carried out in accordance with the EM&A Manual requirements. As per the EM&A Manual, water quality impact monitoring was conducted during the dredging works.

8.1.2 Fourteen (14) Action Level and Seventy-four (74) Limit Level exceedances were recorded in the routine impact monitoring in the reporting month.

8.1.3 No exceedance was recorded in the 24-hr monitoring in the reporting month.

8.1.4 Based on the finding from the investigation on the recorded cases of exceedances, the cause was found not related to the project.

8.1.5 Environmental site inspections were carried out for 5 times in the reporting month.

8.1.6 No environmental complaint was received and followed up by Environmental Team in the reporting period.

8.1.7 No notification of summons and prosecution was received in the reporting month.

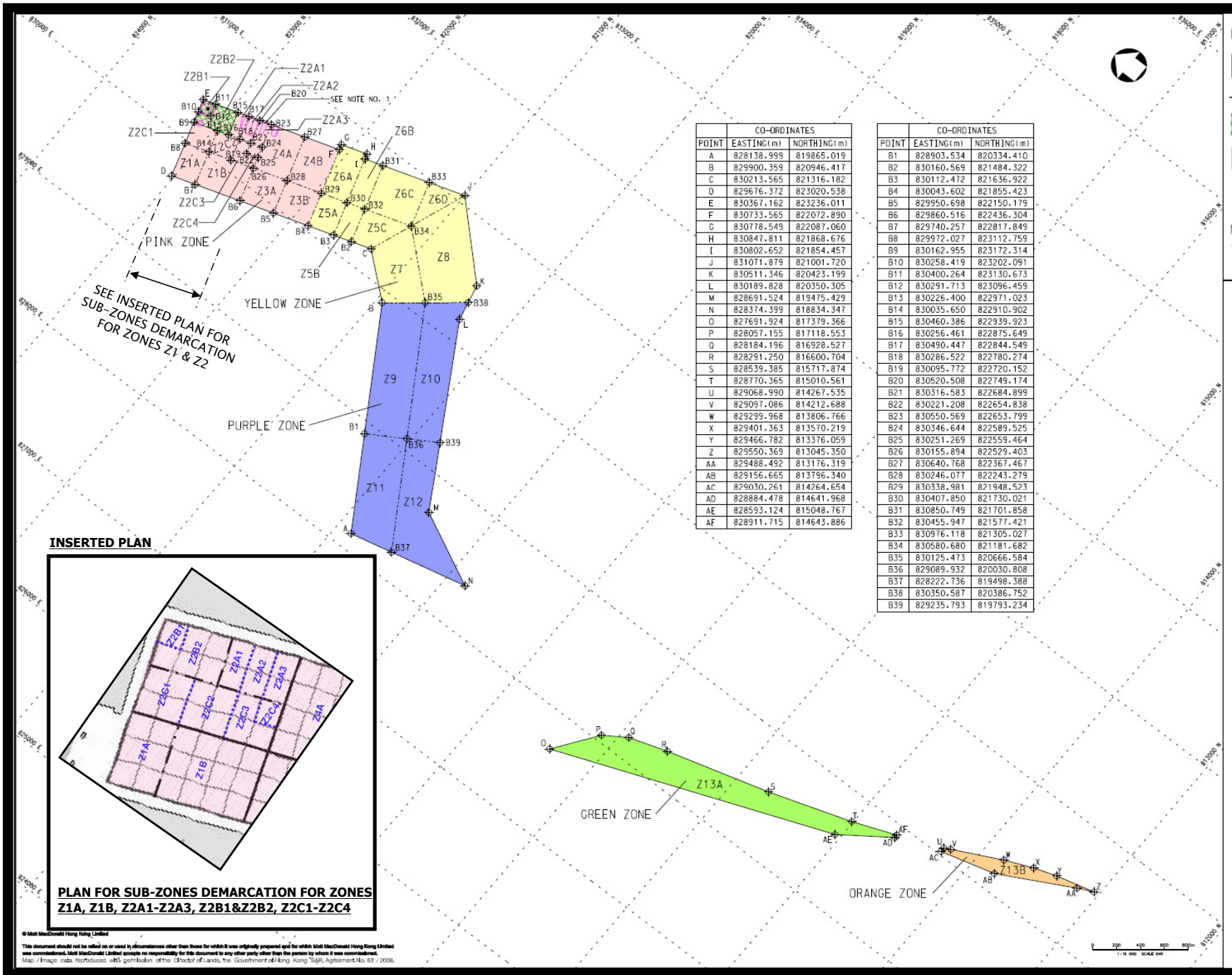
The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Room 723 & 725, 7/F, Block B,
Profit Industrial Building,
1-15 Kwai Fung Crescent,
Kwai Fong, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Figure 1

Project General Layout

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.



POINT	CO-ORDINATES EASTING(m)	NORTHING(m)
A	828138.999	819865.019
B	829900.359	820946.417
C	830213.565	821316.182
D	829676.372	823020.538
E	830367.162	823236.011
F	830733.565	822072.890
G	830778.549	822087.060
H	830847.811	821868.676
I	830802.652	821854.457
J	831071.879	821001.720
K	830511.346	820423.199
L	830189.828	820350.305
M	828691.524	819475.429
N	828374.399	818834.347
O	827691.924	817379.366
P	828057.155	817118.553
Q	828184.196	816928.527
R	828291.250	816600.704
S	828539.385	815717.874
T	828770.365	815010.561
U	829068.990	814267.535
V	829097.086	814212.688
W	829299.968	813806.766
X	829401.363	813570.219
Y	829466.782	813376.059
Z	829550.369	813045.350
AA	829488.492	813176.319
AB	829156.665	813796.340
AC	829030.261	814264.654
AD	828884.478	814641.968
AE	828593.124	815048.767
AF	828911.715	814643.886

POINT	CO-ORDINATES EASTING(m)	NORTHING(m)
B1	828903.534	820334.410
B2	830160.569	821484.322
B3	830112.472	821636.922
B4	830043.602	821855.423
B5	829950.698	822150.179
B6	829860.516	822436.304
B7	829740.257	822817.849
B8	829972.027	823112.759
B9	830162.955	823172.314
B10	830258.419	823202.091
B11	830400.264	823130.673
B12	830291.713	823096.459
B13	830226.400	822971.023
B14	830035.650	822910.902
B15	830460.386	822939.923
B16	830256.461	822875.649
B17	830490.447	822844.549
B18	830286.522	822780.274
B19	830095.772	822720.152
B20	830520.508	822749.174
B21	830316.583	822684.899
B22	830221.208	822654.838
B23	830550.569	822653.799
B24	830346.644	822589.525
B25	830251.269	822559.464
B26	830155.894	822529.403
B27	830640.768	822367.467
B28	830246.077	822243.279
B29	830338.981	821948.523
B30	830407.850	821730.021
B31	830850.749	821701.858
B32	830455.947	821577.421
B33	830976.118	821305.027
B34	830580.680	821181.682
B35	830125.473	820666.584
B36	829089.932	820030.808
B37	828222.736	819498.388
B38	830350.587	820386.752
B39	829235.793	819793.234

© Mott MacDonald Hong Kong Limited
This document should not be relied on or used in circumstances other than those for which it was originally prepared and for which Mott MacDonald Hong Kong Limited was commissioned. Mott MacDonald Limited accepts no responsibility for this document to any other party other than the person by whom it was commissioned.
Map / Image data reproduced with permission of the Director of Lands, the Government of Hong Kong SAR, Agreement No. 63 / 2008.

Project Title: Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

Figure 2: Zones and Sub-zone of Dredging Plan Layout (Extracted from Figure 2 of Justification for the Proposed Demarcation of the Dredging Zones)

Environmental Permit No.:

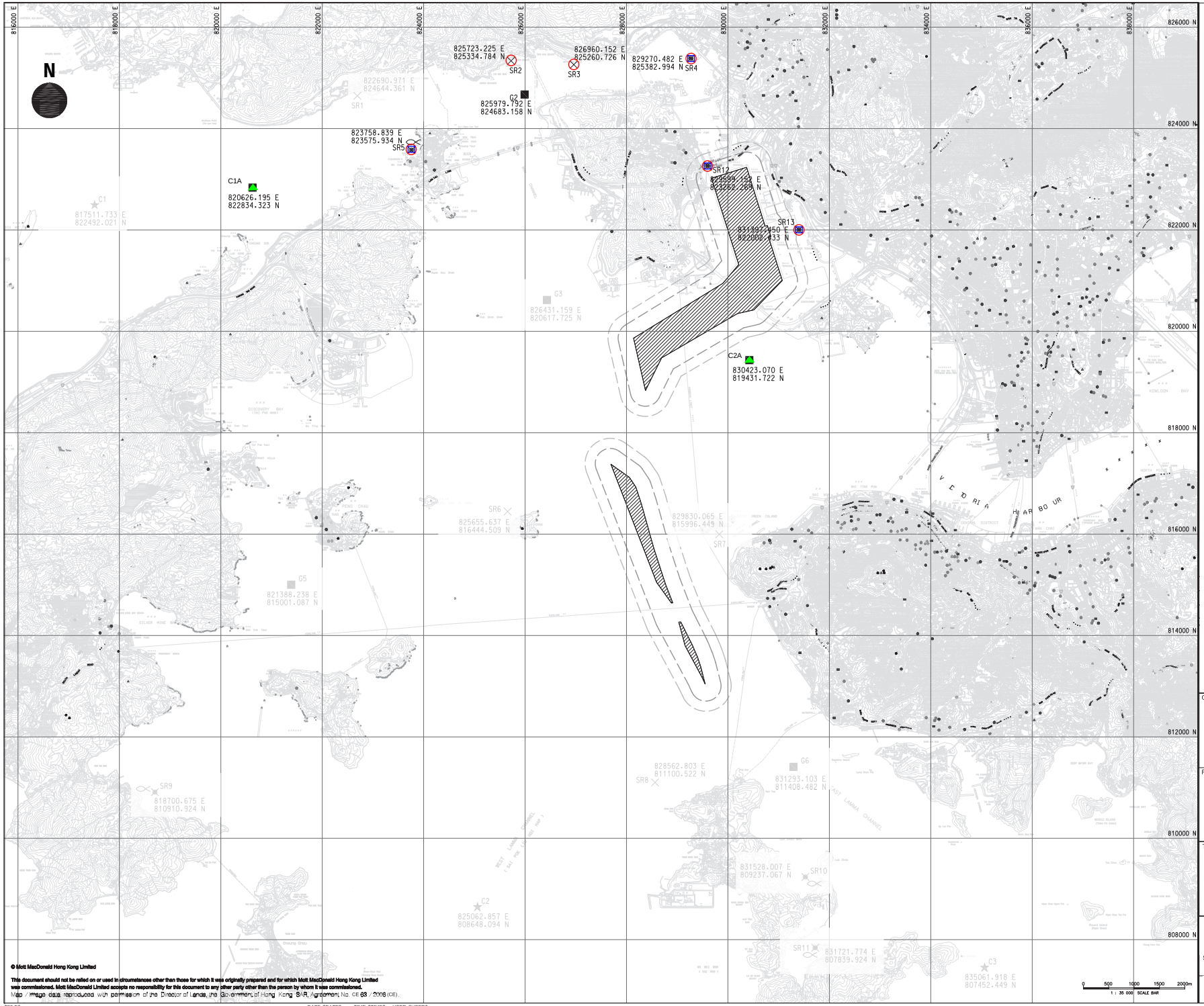
EP-426/2011/A

MATERIALAB CONSULTANTS LIMITED
Room 723 & 725, 7/F, Block B,
Profit Industrial Building,
1-15 Kwai Fung Crescent,
Kwai Fong, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Figure 2

Locations of Water Quality Monitoring Stations

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.



NOTES:

1. ALL COORDINATES ARE IN HONG KONG METRIC GRID (1980).
2. THE CONTRACTOR SHALL REFER TO RELEVANT SECTION(S) AND APPENDICES OF THE PARTICULAR SPECIFICATION REGARDING THE WATER QUALITY MONITORING.

LEGEND:

- SITE BOUNDARY
- MONITORING STATION
- 24 HOUR STATION
- CONTROL STATION
- GRADIENT STATION

Client

THE GOVERNMENT OF THE HONG KONG SPECIAL ADMINISTRATIVE REGION
CIVIL ENGINEERING AND DEVELOPMENT DEPARTMENT

Project

CONTRACT NO. : CV/2013/04
DREDGING WORKS IN KWAI TSING CONTAINER BASIN AND ITS APPROACH CHANNEL

Title

PROVISIONAL LOCATION OF WATER QUALITY MONITORING STATIONS

Scale at A1	Status	Rev
1:35000	TEN	2

© Mott MacDonald Hong Kong Limited

This document should not be relied on or used in circumstances other than those for which it was originally prepared and for which Mott MacDonald Hong Kong Limited was commissioned. Mott MacDonald Limited accepts no responsibility for this document to any other party other than the person by whom it was commissioned.

Map / image data reproduced with permission of the Director of Lands, the Government of Hong Kong SAR, Agreement No. CE 83 / 2006 (CE).

$FILES DATE:$DATES TIME:$TIME$ USER:$USER$

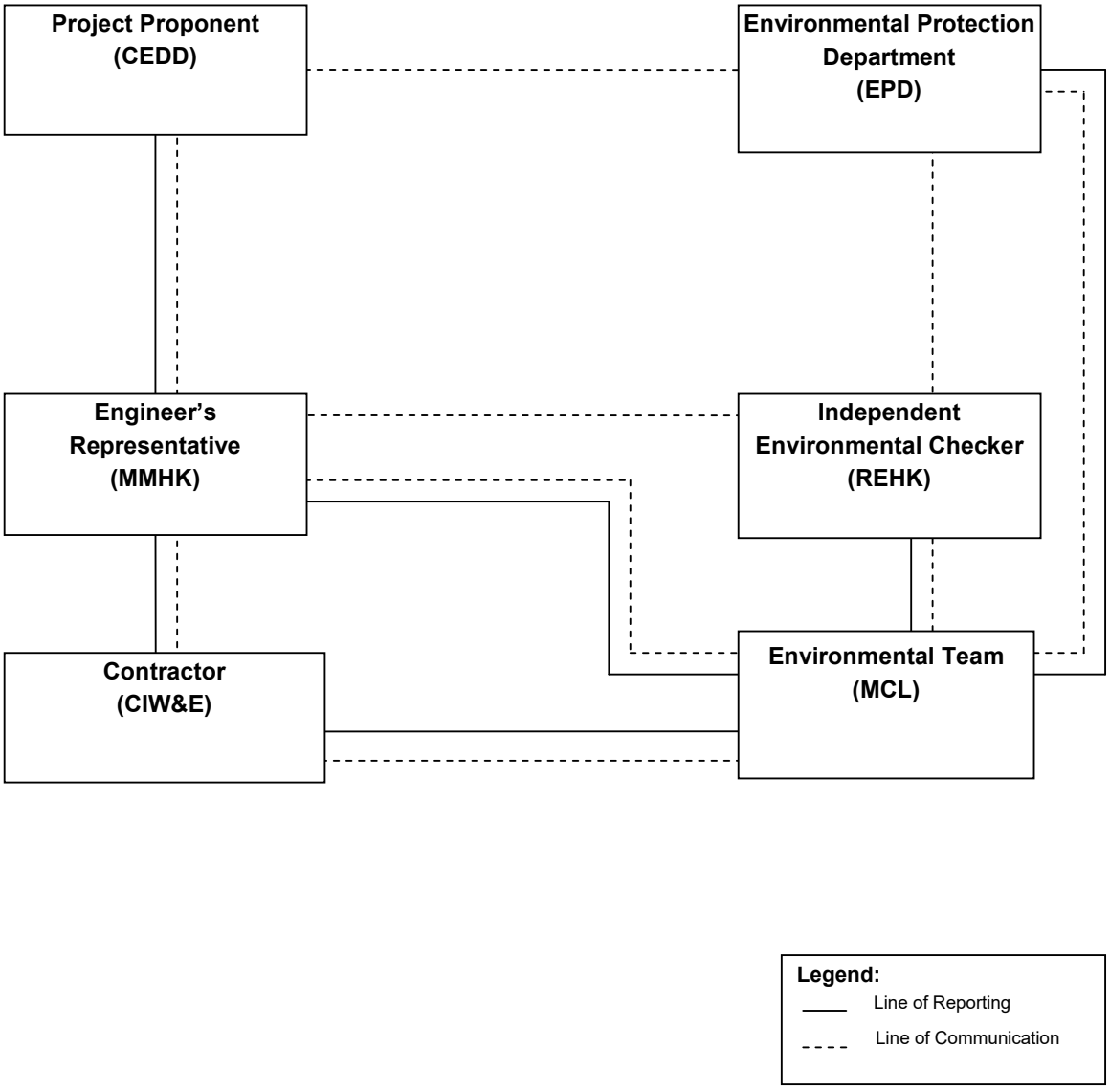
Figure 2 - Location of Monitoring Stations

MATERIALAB CONSULTANTS LIMITED
Room 723 & 725, 7/F, Block B,
Profit Industrial Building,
1-15 Kwai Fung Crescent,
Kwai Fong, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Appendix A

Project Organization Chart

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.


Project Proponent
(CEDD)
Environmental Protection
Department
(EPD)
Engineer's
Representative
(MMHK)
Independent
Environmental Checker
(REHK)
Contractor
(CIW&E)
Environmental Team
(MCL)
Legend:
Line of Reporting
Line of Communication

MATERIALAB CONSULTANTS LIMITED
Room 723 & 725, 7/F, Block B,
Profit Industrial Building,
1-15 Kwai Fung Crescent,
Kwai Fong, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Appendix B

Construction Programme

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

The Revised Contract Completion Date is 31 August 2017.

Contract No. CV/2013/04
Dredging Works in Kwai Tsing Container Basin and its Approach Channel
GCC Clause 16 Programme (Version 20)

Date: 11 July 2017

ID	Task Name	Duration	Start	Finish	Predecessors	Successors	Resource Names
1	**Contract Period**	**1470 days**	**Fri 30/8/13**	**Thu 7/9/17**			
2	**Contract Commencement Date**	**0 days**	**Fri 30/8/13**	**Fri 30/8/13**		4SS	
3	**Extended Contract Completion Date**	**0 days**	**Sat 8/7/17**	**Sat 8/7/17**		327FF	
4	**Possession of Site**	-			S,31SS,41SS		N
5	**Section 1**	**1470 days**	**Fri 30/8/13**	**Thu 7/9/17**			
6	**Submission**	**1210 days**	**Fri 30/8/13**	**Wed 21/12/16**			
7	**Routine Monitoring / Temporary Marine Traffic Management**	**484 days**	**Fri 30/8/13**	**Fri 26/12/14**			
8	**Environmental Management**	**484 days**	**Fri 30/8/13**	**Fri 26/12/14**			
9	**Baseline monitoring**	**231 days**	**Fri 30/8/13**	**Thu 17/4/14**			
10	ETL and relevant site personal	30 days	Fri 30/8/13	Sat 28/9/13		4SS,13	N
11	Lab Test	30 days	Fri 30/8/13	Sat 28/9/13		4SS,13	N
12	**Monitoring (Location see Drg No. EM/401)**	**201 days**	**Sun 29/9/13**	**Thu 17/4/14**			
13	Plan	93 days	Sun 29/9/13	Mon 30/12/13	10,11	154	N
14	**Sediment Report**	**88 days**	**Mon 20/1/14**	**Thu 17/4/14**			
15	Preliminary report	19 days	Mon 20/1/14	Fri 7/2/14	158	159	N
16	Final report	27 days	Sat 22/3/14	Thu 17/4/14	159	205,207,224	N
17	**Grab sample (Portions A, B & C)**	**321 days**	**Fri 30/8/13**	**Wed 16/7/14**			
18	Grab sample specialist	30 days	Fri 30/8/13	Sat 28/9/13		4SS,19	N
19	Sediment testing and sampling plan	162 days	Sun 29/9/13	Sun 9/3/14	18	162	N
20	**Sediment report**	**105 days**	**Thu 3/4/14**	**Wed 16/7/14**			
21	Preliminary report	26 days	Thu 3/4/14	Mon 28/4/14	166	167	N
22	Final report	37 days	Tue 10/6/14	Wed 16/7/14	167	209	N
23	**Vibro-coring (Portions A, B & C)**	**159 days**	**Mon 21/7/14**	**Fri 26/12/14**			
24	Sediment testing and sampling plan	28 days	Mon 21/7/14	Sun 17/8/14		170	N
25	**Sediment report**	**105 days**	**Sat 13/9/14**	**Fri 26/12/14**			
26	Preliminary report	26 days	Sat 13/9/14	Wed 8/10/14	174	175	N
27	Final report	37 days	Thu 20/11/14	Fri 26/12/14	175	209FS-139 days	N
28	**24 Hours monitoring station and TIN Measuring Device (Location see Drg No. EM/401)**	**79 days**	**Mon 25/11/13**	**Tue 11/2/14**			
29	Instrumentation	79 days	Mon 25/11/13	Tue 11/2/14		177	N
30	**Survey**	**179 days**	**Fri 30/8/13**	**Mon 24/2/14**			
31	Surveyor	35 days	Fri 30/8/13	Thu 3/10/13		4SS,35,38	N
32	Geophysicist	35 days	Sun 3/11/13	Sat 7/12/13		224	N
33	**Land Survey (Container Basin & DSD Tsing Yi Plant)**	**67 days**	**Tue 26/11/13**	**Fri 31/1/14**			
34	**Settlement markers**	**67 days**	**Tue 26/11/13**	**Fri 31/1/14**			
35	Method Statement for Installation and Monitoring	24 days	Tue 26/11/13	Thu 19/12/13	31	185	N
36	Initial report	12 days	Mon 20/1/14	Fri 31/1/14	186	187	N
37	**Hydrographic Survey (Portions A to E)**	**144 days**	**Fri 4/10/13**	**Mon 24/2/14**			
38	Method Statement	36 days	Fri 4/10/13	Fri 8/11/13	31	190	N
39	Initial survey Report	29 days	Mon 27/1/14	Mon 24/2/14	190	191	N
40	**Temporary Marine Traffic Management (Portions A to E)**	**144 days**	**Fri 30/8/13**	**Mon 20/1/14**			
41	Consultant, Risk Manager and Marine Traffic Engineer	28 days	Fri 30/8/13	Thu 26/9/13		4SS,43	N
42	Independent Checking Engineer (ICE)	25 days	Fri 27/12/13	Mon 20/1/14		196FS-60 days	N
43	Webbase software and Trial Run	50 days	Fri 27/9/13	Fri 15/11/13	41	196	N
44	**Dredging Works (Portions A to E)**	**896 days**	**Thu 14/11/13**	**Wed 27/4/16**			
45	Independent Checking Engineer (ICE)	21 days	Thu 14/11/13	Wed 4/12/13		51	N
46	**Silt screen deployment plan and report (Location see Drg No. EM/401)**	**77 days**	**Fri 6/12/13**	**Thu 20/2/14**			
47	Method statement	77 days	Fri 6/12/13	Thu 20/2/14		207,201	N
48	**Dredging method statement and silt curtain deployment plan**	**118 days**	**Thu 28/11/13**	**Tue 25/3/14**			
49	Method statement for dredging works	104 days	Thu 28/11/13	Tue 11/3/14		224	N
50	**Silt curtain deployment plan**	**118 days**	**Thu 28/11/13**	**Tue 25/3/14**			
51	Design	70 days	Tue 17/12/13	Mon 24/2/14	45	52FS-89 days	N
52	Deployment plan	118 days	Thu 28/11/13	Tue 25/3/14	51FS-89 days	224	N
53	**Dredging Works at Portions A and B**	**891 days**	**Tue 19/11/13**	**Wed 27/4/16**			
54	**General seabed**	**891 days**	**Tue 19/11/13**	**Wed 27/4/16**			
55	Marine Notice approval by Marine Departemnt	247 days	Tue 19/11/13	Wed 23/7/14		207	N

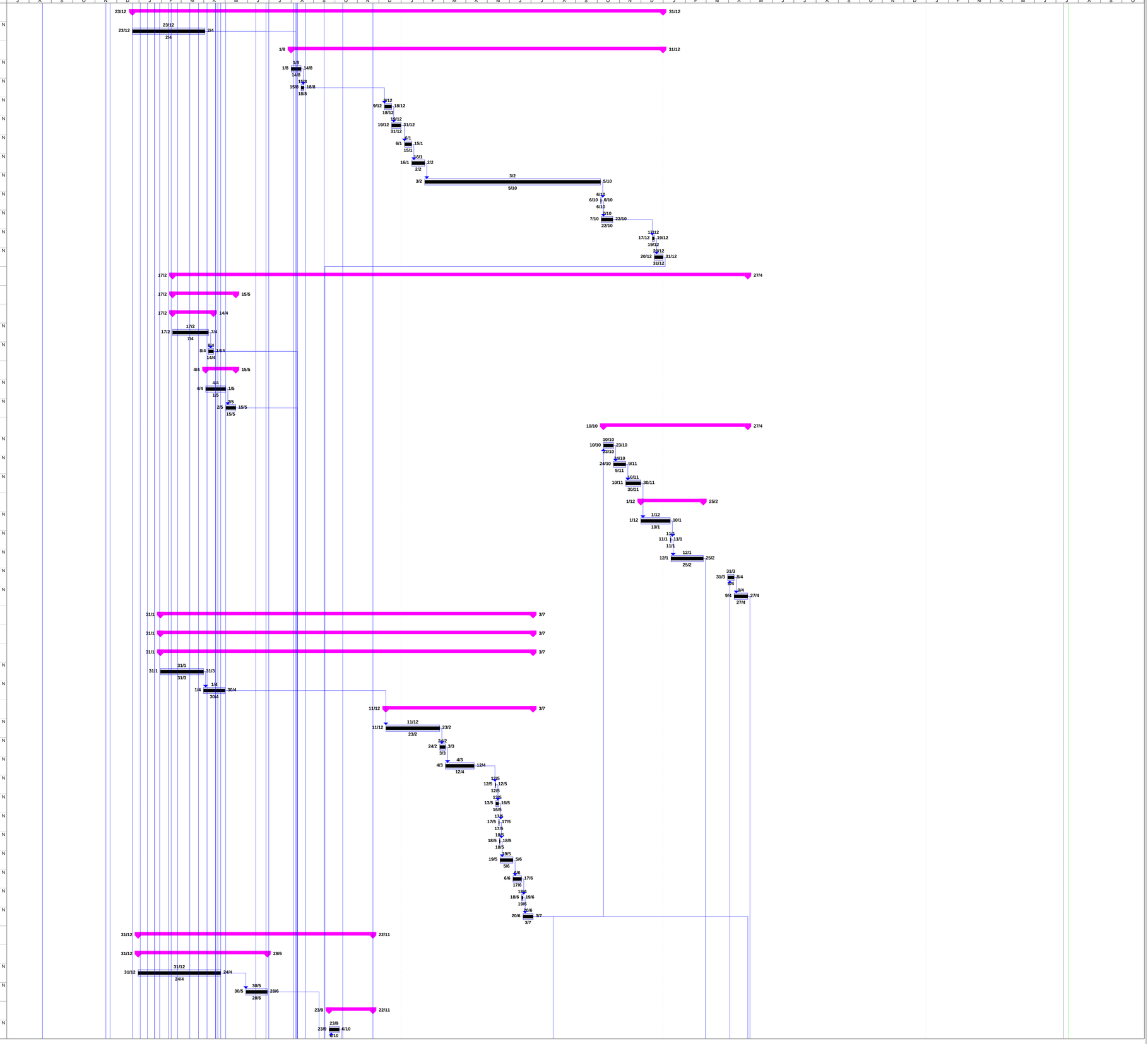
China International Water & Electric Corp.

Task | Critical Task | Milestone | Summary

* Subject to availability of working windows
** The removal of broken rock material will be carried out biweekly
*** The frequency of interim survey is once a month

Bar Left: Early Start, Bar Right: Early Finish
Bar Top: Late Start, Bar Bottom: Late Finish

ID	Task Name	Duration	Start	Finish	Predecessors	Successors	Resource Names
56	**Noise Permit**	**739 days**	**Mon 23/12/13**	**Thu 31/12/15**			
57	General	101 days	Mon 23/12/13	Wed 2/4/14		205,207	N
58	**Portion A from 11pm to 7am next day**	**518 days**	**Fri 1/8/14**	**Thu 31/12/15**			
59	Preparation and submission	14 days	Fri 1/8/14	Thu 14/8/14		60	N
60	Rejected by EPD	4 days	Fri 15/8/14	Mon 18/8/14	59	61	N
61	Resubmission	10 days	Tue 9/12/14	Thu 18/12/14	60	62	N
62	Rejected by EPD	13 days	Fri 19/12/14	Wed 31/12/14	61	63	N
63	Resubmission	10 days	Tue 6/1/15	Thu 15/1/15	62	64	N
64	Rejected by EPD	18 days	Fri 16/1/15	Mon 2/2/15	63	65	N
65	Awaiting HIT to release their permit	245 days	Tue 3/2/15	Mon 5/10/15	64	66	N
66	Preparation and submission	1 day	Tue 6/10/15	Tue 6/10/15	65	67	N
67	Rejected by EPD	16 days	Wed 7/10/15	Thu 22/10/15	66	68	N
68	Resubmission	3 days	Thu 17/12/15	Sat 19/12/15	67	69	N
69	Rejected by EPD	12 days	Sun 20/12/15	Thu 31/12/15	68	210	N
70	**Dumping Permit**	**801 days**	**Mon 17/2/14**	**Wed 27/4/16**			
71	**Type 1 and Tpye 2 Sediment**	**88 days**	**Mon 17/2/14**	**Thu 15/5/14**			
72	**Type 1 Sediment**	**57 days**	**Mon 17/2/14**	**Mon 14/4/14**			
73	Preparation and submission	50 days	Mon 17/2/14	Mon 7/4/14		74	N
74	Approval by EPD	7 days	Tue 8/4/14	Mon 14/4/14	73	205,207,224,209	N
75	**Type 2 Sediment**	**42 days**	**Fri 4/4/14**	**Thu 15/5/14**			
76	Preparation and submission	28 days	Fri 4/4/14	Thu 1/5/14		77	N
77	Approval by EPD	14 days	Fri 2/5/14	Thu 15/5/14	76	205,209	N
78	**Type 3 Sediment**	**201 days**	**Sat 10/10/15**	**Wed 27/4/16**			
79	Preparation and submission	14 days	Sat 10/10/15	Fri 23/10/15	104	80	N
80	Comment by EPD	17 days	Sat 24/10/15	Mon 9/11/15	79	81	N
81	Resubmission	21 days	Tue 10/11/15	Mon 30/11/15	80	83	N
82	**Trial dumping operation of Type 2 sediment using geo-containers**	**87 days**	**Tue 1/12/15**	**Thu 25/2/16**			
83	Preparation of method statement	41 days	Tue 1/12/15	Sun 10/1/16	81	84	N
84	Application for Marine Dumping Permit	1 day	Mon 11/1/16	Mon 11/1/16	83	85	N
85	Approval by EPD	45 days	Tue 12/1/16	Thu 25/2/16	84	214	N
86	Preparation and submission	9 days	Thu 31/3/16	Fri 8/4/16	214	87	N
87	Approval by EPD	19 days	Sat 9/4/16	Wed 27/4/16	86	215	N
88	**Type 3 Cat Hf Sediment (Portion A)**	**519 days**	**Fri 31/1/14**	**Fri 3/7/15**			
89	**Method statement for disposal**	**519 days**	**Fri 31/1/14**	**Fri 3/7/15**			
90	**Preparation and submission**	**519 days**	**Fri 31/1/14**	**Fri 3/7/15**			
91	Preparation and submission	60 days	Fri 31/1/14	Mon 31/3/14		92	N
92	Approval by Mott	30 days	Tue 1/4/14	Wed 30/4/14	91	94	N
93	**Resubmission based on Mott's previous submission to EPD**	205 days	Thu 11/12/14	Fri 3/7/15			
94	Preparation and submission	75 days	Thu 11/12/14	Mon 23/2/15	92	95	N
95	Approval by Mott	8 days	Tue 24/2/15	Tue 3/3/15	94	96	N
96	Comment by EPD	40 days	Wed 4/3/15	Sun 12/4/15	95	97	N
97	Mott's instruction to add monitoring stations at disposal ground	1 day	Tue 12/5/15	Tue 12/5/15	96	98	N
98	Resubmission to Mott	4 days	Wed 13/5/15	Sat 16/5/15	97	99	N
99	Approval by Mott	1 day	Sun 17/5/15	Sun 17/5/15	98	100	N
100	Resubmission to EPD	1 day	Mon 18/5/15	Mon 18/5/15	99	101	N
101	Comment by EPD	18 days	Tue 19/5/15	Fri 5/6/15	100	102	N
102	Resubmission to Mott	12 days	Sat 6/6/15	Wed 17/6/15	101	103	N
103	Resubmission to EPD	2 days	Thu 18/6/15	Fri 19/6/15	102	104	N
104	Approved by EPD	14 days	Sat 20/6/15	Fri 3/7/15	103	212,79,215	N
105	**Hot Spot (Portion A)**	**327 days**	**Tue 31/12/13**	**Sat 22/11/14**			
106	**Proposal for field trial at Zone Z2C**	**180 days**	**Tue 31/12/13**	**Sat 28/6/14**			
107	Preparation and submission	115 days	Tue 31/12/13	Thu 24/4/14		108	N
108	Approval by Mott	30 days	Fri 30/5/14	Sat 28/6/14	107	217	N
109	**Method statement for dredging works at Zone Z2B**	**61 days**	**Tue 23/9/14**	**Sat 22/11/14**			
110	Preparation and submission	14 days	Tue 23/9/14	Mon 6/10/14	217	111	N



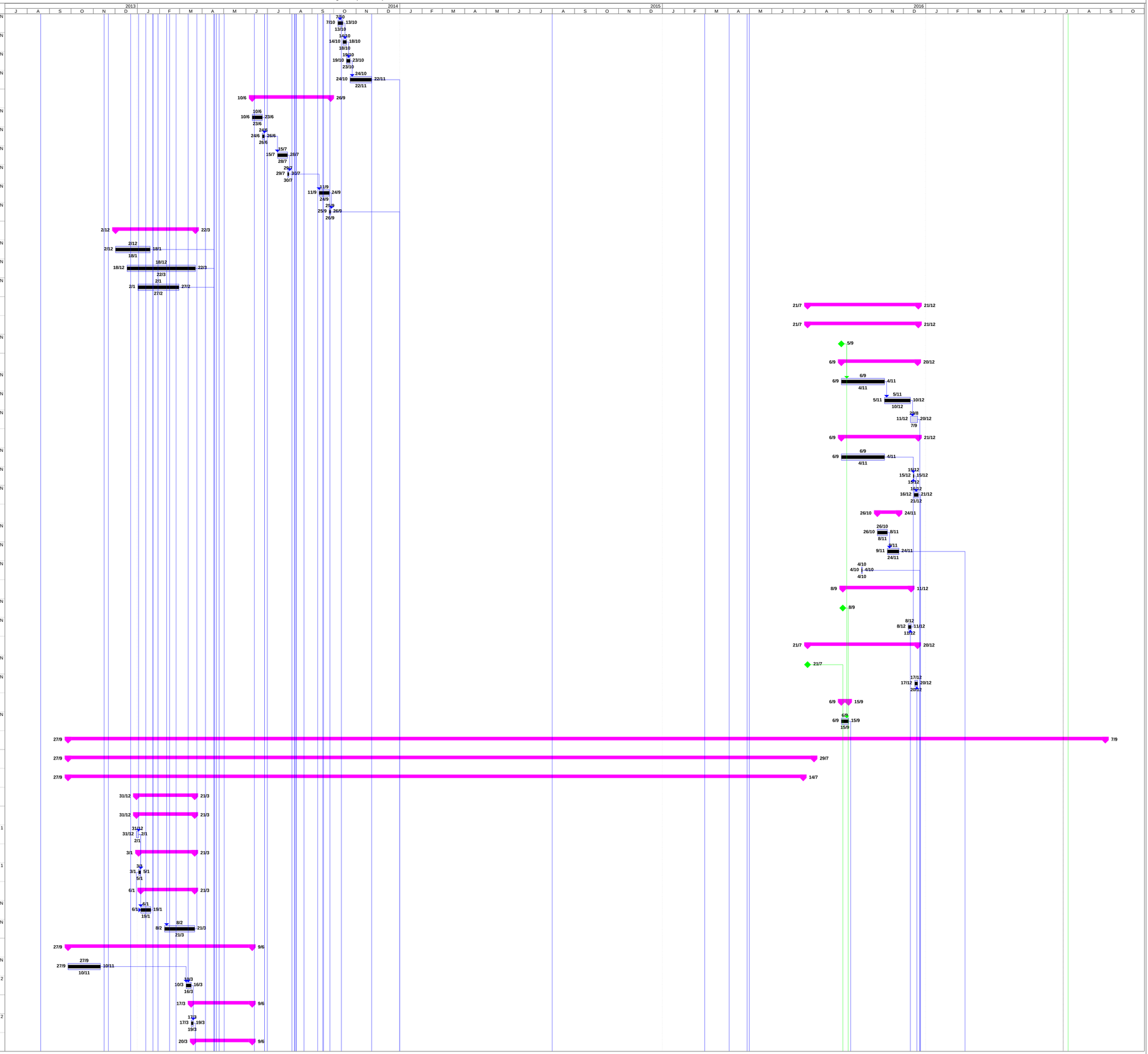
China International Water & Electric Corp.

Task | Critical Task | Milestone | Summary

* Subject to availability of working windows
** The removal of broken rock material will be carried out biweekly
*** The frequency of interim survey is once a month

Bar Left: Early Start, Bar Right: Early Finish
Bar Top: Late Start, Bar Bottom: Late Finish

ID	Task Name	Duration	Start	Finish	Predecessors	Successors	Resource Names
111	Approval by Mott	7 days	Tue 7/10/14	Mon 13/10/14	110	112	N
112	Endorsed by ETL	5 days	Tue 14/10/14	Sat 18/10/14	111	113	N
113	Verified by IEC	5 days	Sun 19/10/14	Thu 23/10/14	112	114	N
114	Approval by EPD	30 days	Fri 24/10/14	Sat 22/11/14	113	218	N
115	**Method staement for dredging hard material**	**109 days**	**Tue 10/6/14**	**Fri 26/9/14**			
116	Preparation and submission	14 days	Tue 10/6/14	Mon 23/6/14		117	N
117	Comment	3 days	Tue 24/6/14	Thu 26/6/14	116	118	N
118	Resubmission	14 days	Tue 15/7/14	Mon 28/7/14	117	119	N
119	Further comment	2 days	Tue 29/7/14	Wed 30/7/14	118	120	N
120	Resubmission	14 days	Thu 11/9/14	Wed 24/9/14	119	121	N
121	Approval by Mott	2 days	Thu 25/9/14	Fri 26/9/14	120	219	N
122	**Dredging Works at Portions C, D and E**	**111 days**	**Mon 2/12/13**	**Sat 22/3/14**			
123	Marine Notice approval by Marine Departemnt	48 days	Mon 2/12/13	Sat 18/1/14		224	N
124	Noise Permit	95 days	Wed 18/12/13	Sat 22/3/14		224	N
125	Dumping Permit	57 days	Thu 2/1/14	Thu 27/2/14		224	N
126	**Remaining Works (Portion A)**	**154 days**	**Thu 21/7/16**	**Wed 21/12/16**			
127	**Rock excavation works outside berth KC5**	**154 days**	**Thu 21/7/16**	**Wed 21/12/16**			
128	Works reviewed and agreed among CEDD and CIWE	0 days	Mon 5/9/16	Mon 5/9/16		130,148	N
129	**Method Statement**	**106 days**	**Tue 6/9/16**	**Tue 20/12/16**			
130	Preparation and submission	60 days	Tue 6/9/16	Fri 4/11/16	128	131	N
131	Resubmission	36 days	Sat 5/11/16	Sat 10/12/16	130	132	N
132	Approval	10 days	Sun 11/12/16	Tue 20/12/16	131	259	N
133	**Marine Department Notice**	**107 days**	**Tue 6/9/16**	**Wed 21/12/16**			
134	Preparation and submission	60 days	Tue 6/9/16	Fri 4/11/16		135	N
135	Resubmission	1 day	Thu 15/12/16	Thu 15/12/16	134,143	136	N
136	Approval	6 days	Fri 16/12/16	Wed 21/12/16	135	259	N
137	**Marine Dumping Permit**	**30 days**	**Wed 26/10/16**	**Thu 24/11/16**			
138	Preparation and submission	14 days	Wed 26/10/16	Tue 8/11/16		139	N
139	Approval	16 days	Wed 9/11/16	Thu 24/11/16	138	261	N
140	Pre-meeting with MTL	1 day	Tue 4/10/16	Tue 4/10/16		259	N
141	**Drilling Barge**	**95 days**	**Thu 8/9/16**	**Sun 11/12/16**			
142	AIP for Drilling Barge	0 days	Thu 8/9/16	Thu 8/9/16		249	N
143	Operating Licence for Drilling Barge	4 days	Thu 8/12/16	Sun 11/12/16	250	135	N
144	**Backhoe Dredger**	**153 days**	**Thu 21/7/16**	**Tue 20/12/16**			
145	AIP for Backhoe Dredger	0 days	Thu 21/7/16	Thu 21/7/16		252	N
146	Operating Licence for Backhoe Dredger	4 days	Sat 17/12/16	Tue 20/12/16	253		N
147	**Hydraulic Breaker**	**10 days**	**Tue 6/9/16**	**Thu 15/9/16**			
148	Purchase Order	10 days	Tue 6/9/16	Thu 15/9/16	128	255	N
149	**Works**	**1442 days**	**Fri 27/9/13**	**Thu 7/9/17**			
150	**Routine Monitoring / Temporary Marine Traffic Management**	**1037 days**	**Fri 27/9/13**	**Fri 29/7/16**			
151	**Environmental Management**	**1022 days**	**Fri 27/9/13**	**Thu 14/7/16**			
152	**Baseline monitoring**	**81 days**	**Tue 31/12/13**	**Fri 21/3/14**			
153	**Monitoring (Location see Drg No. EM/401)**	**81 days**	**Tue 31/12/13**	**Fri 21/3/14**			
154	Mobilization	3 days	Tue 31/12/13	Thu 2/1/14	13	156,158	1
155	**Field works and Lab Test**	**78 days**	**Fri 3/1/14**	**Fri 21/3/14**			
156	Field works	3 days	Fri 3/1/14	Sun 5/1/14	154	158SS+3 days	1
157	**Lab test**	**75 days**	**Mon 6/1/14**	**Fri 21/3/14**			
158	Chemical test	14 days	Mon 6/1/14	Sun 19/1/14	156SS+3 days,154	15	N
159	Biological test	42 days	Sat 8/2/14	Fri 21/3/14	15	16	N
160	**Grab sample (Portions A, B & C)**	**256 days**	**Fri 27/9/13**	**Mon 9/6/14**			
161	Marine Department Notice	45 days	Fri 27/9/13	Sun 10/11/13		162	N
162	Grab sample specialist mobilization	7 days	Mon 10/3/14	Sun 16/3/14	19,161	164	2
163	**Grab sample (field works) and Lab Test**	**85 days**	**Mon 17/3/14**	**Mon 9/6/14**			
164	Field works	3 days	Mon 17/3/14	Wed 19/3/14	162	166	2
165	**Lab test**	**82 days**	**Thu 20/3/14**	**Mon 9/6/14**			



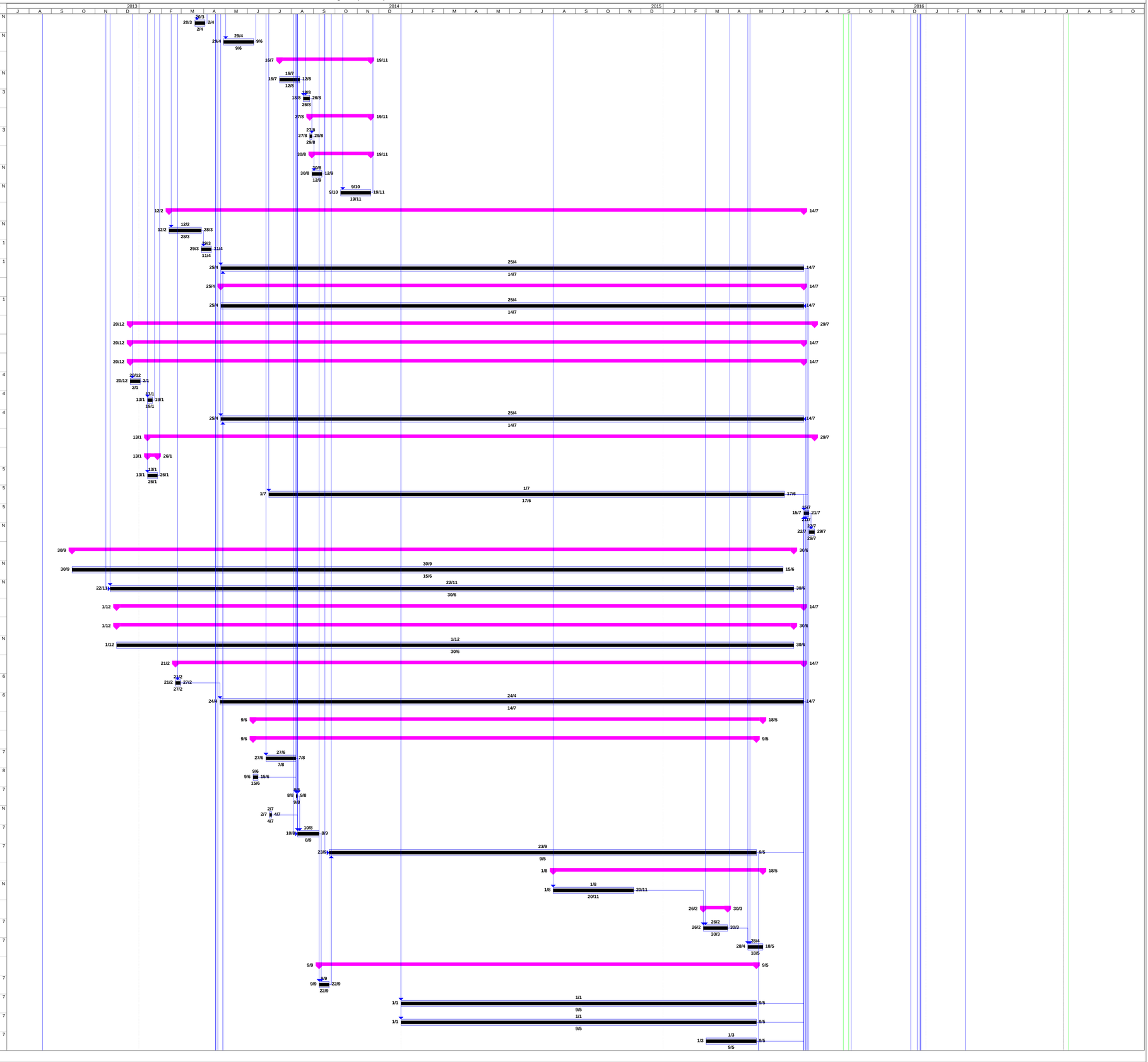
China International Water & Electric Corp.

Task | Critical Task | Milestone | Summary

Bar Left: Early Start, Bar Right: Early Finish
Bar Top: Late Start, Bar Bottom: Late Finish

* Subject to availability of working windows
** The removal of broken rock material will be carried out biweekly
*** The frequency of interim survey is once a month

ID	Task Name	Duration	Start	Finish	Predecessors	Successors	Resource Names
166	Chemical test	14 days	Thu 20/3/14	Wed 2/4/14	164	21	N
167	Biological test	42 days	Tue 29/4/14	Mon 9/6/14	21	22	N
168	**Vibro-coring (Portions A, B & C)**	**127 days**	**Wed 16/7/14**	**Wed 19/11/14**			
169	Marine Department Notice	28 days	Wed 16/7/14	Tue 12/8/14		170	N
170	Vibro-coring specialist mobilization	9 days	Mon 18/8/14	Tue 26/8/14	24,169	172	3
171	**Vibro-coring (field works) and Lab Test**	**85 days**	**Wed 27/8/14**	**Wed 19/11/14**			
172	Field works	3 days	Wed 27/8/14	Fri 29/8/14	170	174	3
173	**Lab test**	**82 days**	**Sat 30/8/14**	**Wed 19/11/14**			
174	Chemical test	14 days	Sat 30/8/14	Fri 12/9/14	172	26	N
175	Biological test	42 days	Thu 9/10/14	Wed 19/11/14	26	27	N
176	**24 Hours monitoring station and TIN Measuring Device (Location see Drg No. EM/401)**	**884 days**	**Wed 12/2/14**	**Thu 14/7/16**			
177	Procurement and delivery	45 days	Wed 12/2/14	Fri 28/3/14	29	178	N
178	Installation	14 days	Sat 29/3/14	Fri 11/4/14	177	179	1
179	Monitoring	812 days	Fri 25/4/14	Thu 14/7/16	178,224	181FF,221FF,243	1
180	**Impact monitoring (Location see Drg No. EM/401)**	**812 days**	**Fri 25/4/14**	**Thu 14/7/16**			
181	Impact monitoring and report submission	812 days	Fri 25/4/14	Thu 14/7/16	179FF	221FF	1
182	**Survey**	**953 days**	**Fri 20/12/13**	**Fri 29/7/16**			
183	**Land Survey (Container Basin & DSD Tsing Yi Plant)**	**938 days**	**Fri 20/12/13**	**Thu 14/7/16**			
184	**Settlement markers**	**938 days**	**Fri 20/12/13**	**Thu 14/7/16**			
185	Installation	14 days	Fri 20/12/13	Thu 2/1/14	35	186	4
186	Initial survey	7 days	Mon 13/1/14	Sun 19/1/14	185	36	4
187	Interim monitoring	812 days	Fri 25/4/14	Thu 14/7/16	191FF,224,36	221FF,247	4
188	**Hydrographic Survey (Portions A to E)**	**929 days**	**Mon 13/1/14**	**Fri 29/7/16**			
189	**Initial survey**	**14 days**	**Mon 13/1/14**	**Sun 26/1/14**			
190	Field works	14 days	Mon 13/1/14	Sun 26/1/14	38	39	5
191	Interim survey	718 days	Tue 1/7/14	Fri 17/6/16	39	192,187FF	5
192	Final survey	7 days	Fri 15/		5,231,228,221	193	5
193	Final survey report	8 days	Fri 22/7/16	Fri 29/7/16	192		N
194	**Temporary Marine Traffic Management (Portions A to E)**	**1005 days**	**Mon 30/9/13**	**Thu 30/6/16**			
195	Organizing meeting for information collection	990 days	Mon 30/9/13	Wed 15/6/16			N
196	Temporary marine traffic management and TMTM meeting	952 days	Fri 22/11/13	Thu 30/6/16	42FS-60 days,43	244	N
197	**Dredging Works (Portions A to E)**	**957 days**	**Sun 1/12/13**	**Thu 14/7/16**			
198	**Interface with other contractors or utility undertakeings**	**943 days**	**Sun 1/12/13**	**Thu 30/6/16**			
199	Organizing coordination meeting	943 days	Sun 1/12/13	Thu 30/6/16			N
200	**Silt screen (Location see Drg No. EM/401)**	**875 days**	**Fri 21/2/14**	**Thu 14/7/16**			
201	Installation of silt screen	7 days	Fri 21/2/14	Thu 27/2/14	47	202,224	6
202	Maintenance of silt screen	813 days	Thu 24/4/14	Thu 14/7/16	201	221FF,245	6
203	**Dredging Works at Portions A and B**	**710 days**	**Mon 9/6/14**	**Wed 18/5/16**			
204	**General seabed**	**701 days**	**Mon 9/6/14**	**Mon 9/5/16**			
205	Mobilization	42 days	Fri 27/6/14	Thu 7/8/14	74,77,16,57	207	7
206	Fabrication of silt curtain	7 days	Mon 9/6/14	Sun 15/6/14		207	8
207	Pilot test for silt curtain	2 days	Fri 8/8/14	Sat	'4,16,47,55,57	209	7
208	Monitoring brief for unidentified sonar contacts & masked areas	3 days	Wed 2/7/14	Fri 4/7/14		209	N
209	Dredging works 1 (subject to availability of working windows)	30 days	Sun 10/8/14	I	',22,27FS-139 days	217	7
210	Dredging works 2 (subject to availability of working windows)	595 days	Tue 23/9/14	Mon 9/5/16	217,69	192,221	7
211	**Type 3 Cat Hf Sediment (Portion A)**	**292 days**	**Sat 1/8/15**	**Wed 18/5/16**			
212	Procurement and delivery of Geo-container	112 days	Sat 1/8/15	Fri 20/11/15	104	214	N
213	**Trial dumping operation of Type 2 sediment using geo-containers**	**34 days**	**Fri 26/2/16**	**Wed 30/3/16**			
214	Trial dumping	34 days	Fri 26/2/16	Wed 30/3/16	85,212	215,86	7
215	Dredging works	21 days	Thu 28/4/16	Wed 18/5/16	104,214,87		7
216	**Hot Spot (Portion A)**	**609 days**	**Tue 9/9/14**	**Mon 9/5/16**			
217	Field trial at Zone Z2C	14 days	Tue 9/9/14	Mon 22/9/14	209,108	210,110	7
218	Dredging works at Z2B *	493 days	Thu 1/1/15	Mon 9/5/16	114	192	7
219	Dredging of hard material *	493 days	Thu 1/1/15	Mon 9/5/16	121	192	7
220	Outfall demolition works*	70 days	Tue 1/3/16	Mon 9/5/16		192,221	7



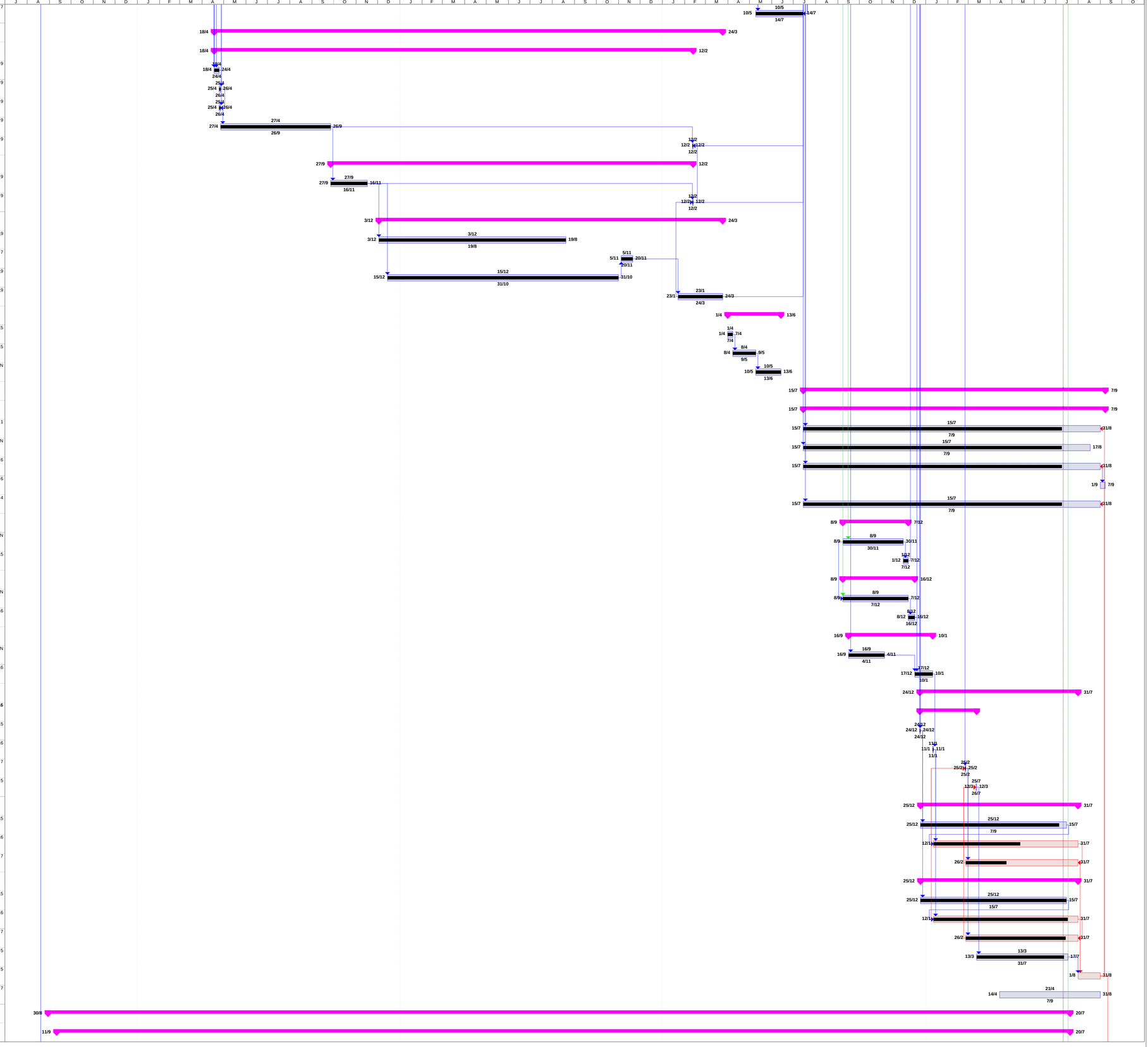
China International Water & Electric Corp.

Task | Critical Task | Milestone | Summary

* Subject to availability of working windows
** The removal of broken rock material will be carried out biweekly
*** The frequency of interim survey is once a month

Bar Left: Early Start, Bar Right: Early Finish
Bar Top: Late Start, Bar Bottom: Late Finish

ID	Task Name	Duration	Start	Finish	Predecessors	Successors	Resource Names
221	Removal of high spots*	66 days	Tue 10/5/.		,187FF,202FF	192	7
222	**Dredging Works for Portions C, D and E**	**707 days**	**Fri 18/4/14**	**Thu 24/3/16**			
223	**Dredging Works for Portion D**	**666 days**	**Fri 18/4/14**	**Fri 12/2/16**			
224	Mobilization	7 days	Fri 18/4/14		2,123,124,125	225,226,179,187	9
225	Pilot test of silt curtain	2 days	Fri 25/4/14	Sat 26/4/14	224	226FF	9
226	Trial dredging	2 days	Fri 25/4/14	Sat 26/4/14	224,225FF	227	9
227	Dredging works	153 days	Sun 27/4/14	Fri 26/9/14	226	230,228	9
228	Removal of high spots	1 day	Fri 12/2/16	Fri 12/2/16	227,231FF	192	9
229	**Dredging Works for Portion E**	**504 days**	**Sat 27/9/14**	**Fri 12/2/16**			
230	Dredging Works	51 days	Sat 27/9/14	Sun 16/11/14	227	231,233,235	9
231	Removal of high spots	1 day	Fri 12/2/16	Fri 12/2/16	!30,236SS+20 days	192,228FF	9
232	**Dredging Works for Portion C**	**478 days**	**Wed 3/12/14**	**Thu 24/3/16**			
233	Norhern west section	260 days	Wed 3/12/14	Wed 19/8/15	230		7,9
234	Middle section	16 days	Thu 5/11/15	Fri 20/11/15	235FS+4 days	236	7
235	Southern east section	321 days	Mon 15/12/14	Sat 31/10/15	230	234FS+4 days	7,9
236	Removal of high spots	62 days	Sat 23/1/16	Thu 24/3/16	234	192,231SS+20 days	7,9
237	**Marine Ground Investigation Works near KC5 in Portion A**	**74 days**	**Fri 1/4/16**	**Mon 13/6/16**			
238	Mobilization	7 days	Fri 1/4/16	Thu 7/4/16		239	15
239	Drilling*	32 days	Fri 8/4/16	Mon 9/5/16	238	240	15
240	Report	35 days	Tue 10/5/16	Mon 13/6/16	239		N
241	**Remaining Works (Portion A)**	**420 days**	**Fri 15/7/16**	**Thu 7/9/17**			
242	**Rock excavation works outside berth KC5**	**420 days**	**Fri 15/7/16**	**Thu 7/9/17**			
243	Water Quality Monitoring Works	413 days	Fri 15/7/16	Thu 31/8/17	179,272FF		1
244	Temporary Marine Traffic Management Works	399 days	Fri 15/7/16	Thu 17/8/17	196		N
245	Silt screen and silt curtain maintenance	413 days	Fri 15/7/16	Thu 31/8/17	202,272FF	246	6
246	Removal of silt screen	7 days	Fri 1/9/17	Thu 7/9/17	245		6
247	Monitoring of settlement markers	413 days	Fri 15/7/16	Thu 31/8/17	187,272FF		4
248	**Drilling Barge**	**91 days**	**Thu 8/9/16**	**Wed 7/12/16**			
249	Modification of Drilling Barge to meet HKMD's requirements	84 days	Thu 8/9/16	Wed 30/11/16	142	252SS,250	N
250	Mobilization of Drilling Barge on site	7 days	Thu 1/12/16	Wed 7/12/16	249	143	15
251	**Backhoe Dredger**	**100 days**	**Thu 8/9/16**	**Fri 16/12/16**			
252	Modification of Backhoe Dredger to meet HKMD's requirements	91 days	Thu 8/9/16	Wed 7/12/16	145,249SS	253	N
253	Mobilization of Backhoe Dredger on site	9 days	Thu 8/12/16	Fri 16/12/16	252	146,256	16
254	**Hydraulic Breaker**	**117 days**	**Fri 16/9/16**	**Tue 10/1/17**			
255	Fabrication and delivery	50 days	Fri 16/9/16	Fri 4/11/16	148	256	N
256	Installation	25 days	Sat 17/12/16	Tue 10/1/17	255,253	260	16
257	**Site Works (Subject to working period provided by MTL)**	**220 days**	**Sat 24/12/16**	**Mon 31/7/17**			
258	**Site Trial**	**79 days**	**Sat 24/12/16**	**Sun 12/3/17**			**16**
259	Drilling Works	1 day	Sat 24/12/16	Sat 24/12/16	136,140,132	268,264	15
260	Breaking Works	1 day	Wed 11/1/17	Wed 11/1/17	256	265,269	16
261	Removal of broken rock material	1 day	Sat 25/2/17	Sat 25/2/17	265SS+15 sys,269SS+15 days,139	266,270	7
262	Hydrographic survey	1 day	Sun 12/3/17	Sun 12/3/17	266SS+14 sys,270SS+14 days	271	5
263	**Northern Area (affecting the operation of KC5)**	**219 days**	**Sun 25/12/16**	**Mon 31/7/17**			
264	Drilling (at least 30 working hours/week)	203 days	Sun 25/12/16	Sat 15/7/17	259	265FS-171 days	15
265	Rock breaking (at least 30 working hours/week)	201 days	Thu 12/1/17	Mon 31/7/17	264FS-171 days,260	261SS+15 days,266FF	16
266	Removal of broken rock material**	156 days	Sun 26/2/17	Mon 31/7/17	261,265FF	272,262SS+14 days	7
267	**Southern Area (no implication to the operation of KC5)**	**219 days**	**Sun 25/12/16**	**Mon 31/7/17**			
268	Drilling (at least 30 working hours/week)	203 days	Sun 25/12/16	Sat 15/7/17	259	269FS-171 days	15
269	Rock breaking (35 to 40 working hours/week)	201 days	Thu 12/1/17	Mon 31/7/17	268FS-171 days,260	261SS+15 days,270FF	16
270	Removal of broken rock material**	156 days	Sun 26/2/17	Mon 31/7/17	261,269FF	272,262SS+14 days	7
271	Interiml hydrographic survey***	127 days	Mon 13/3/17	Mon 17/7/17	262	272	5
272	Final hydrographic survey, removal of high spots and handover	31 days	Tue 1/8/17	Thu 31/8/17	266,270,271	5FF,247FF,328FF	5
273	Remaing Dredging works around Tsing Yi Submarine Outfall*	140 days	Fri 14/4/17	Thu 31/8/17			7
274	Section 2	1421 days	Fri 30/8/13	Thu 20/7/17			
275	Submission	1409 days	Wed 11/9/13	Thu 20/7/17			



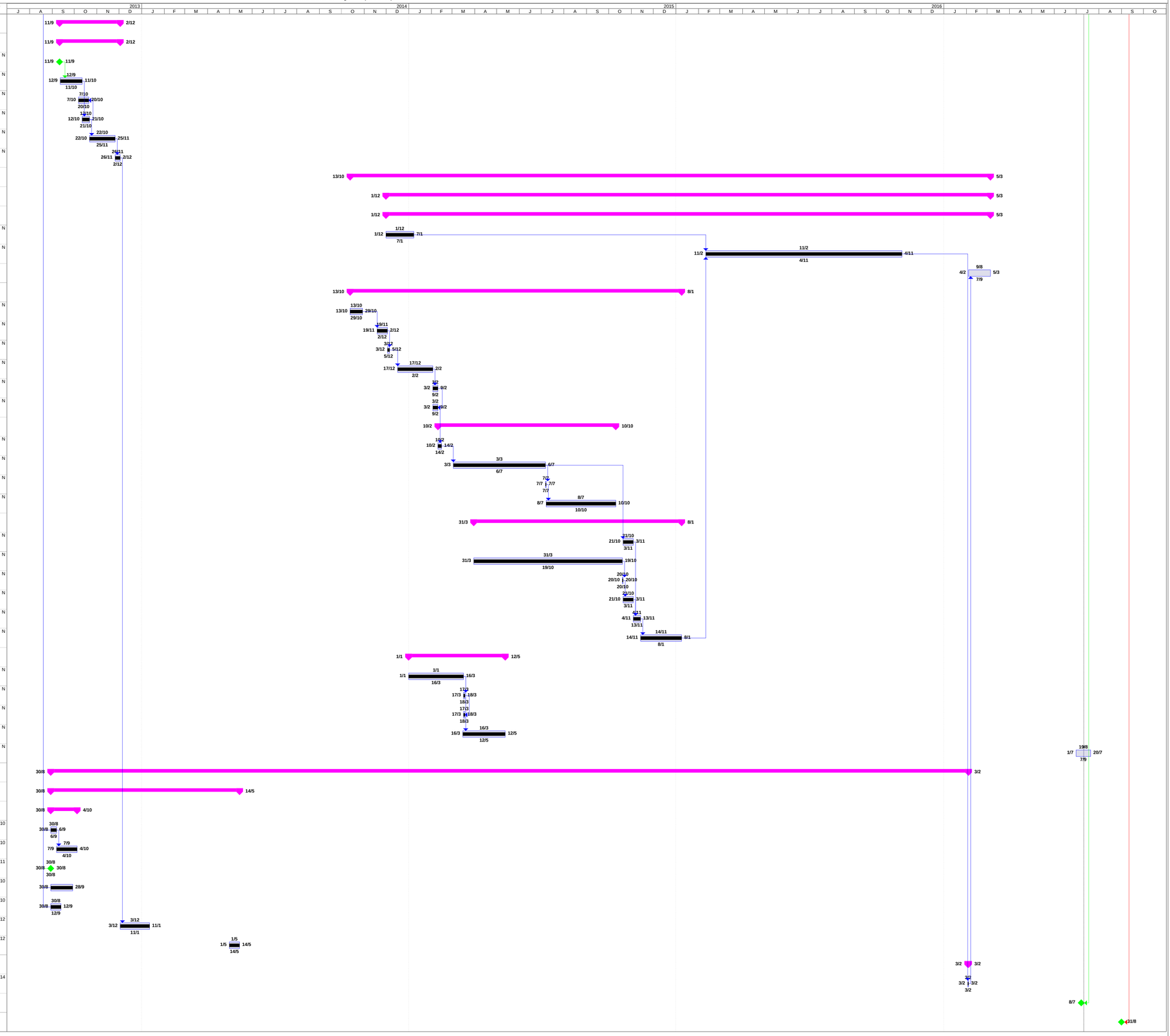
China International Water & Electric Corp.

Task | Critical Task | Milestone | Summary

* Subject to availability of working windows
** The removal of broken rock material will be carried out biweekly
*** The frequency of interim survey is once a month

Bar Left: Early Start, Bar Right: Early Finish
Bar Top: Late Start, Bar Bottom: Late Finish

ID	Task Name	Duration	Start	Finish	Predecessors	Successors	Resource Names
276	**Preliminaries (Portion F)**	**83 days**	**Wed 11/9/13**	**Mon 2/12/13**			
277	**Engineer Principal Accommodation**	**83 days**	**Wed 11/9/13**	**Mon 2/12/13**			
278	Preparation and submisssion of location and layout	0 days	Wed 11/9/13	Wed 11/9/13		279	N
279	Approval of location and layout	30 days	Thu 12/9/13	Fri 11/10/13	278	281	N
280	Independent Checking Engineer (ICE)	14 days	Mon 7/10/13	Sun 20/10/13	281FF-1 day		N
281	Preparation of calculation	10 days	Sat 12/10/13	Mon 21/10/13	279	282,280FF-1 day	N
282	Comment and resubmission of calculation	35 days	Tue 22/10/13	Mon 25/11/13	281	283	N
283	Approval of calculation	7 days	Tue 26/11/13	Mon 2/12/13	282	323	N
284	**Outfall Modification Works (Location see Drg No. S202)**	**875 days**	**Mon 13/10/14**	**Sun 5/3/17**			
285	**Method statement for modification works**	**826 days**	**Mon 1/12/14**	**Sun 5/3/17**			
286	**Preparation and submission**	**826 days**	**Mon 1/12/14**	**Sun 5/3/17**			
287	Preparation and submission	38 days	Mon 1/12/14	Wed 7/1/15		288	N
288	Awaiting resolving TMTA constraints	268 days	Thu 11/2/16	Fri 4/11/16	287,308	326	N
289	Further review diving safety zone with MD and HKPA	30 days	Sat 4/2/17	Sun 5/3/17	326		
290	**Flow Measurement Survey**	**453 days**	**Mon 13/10/14**	**Fri 8/1/16**			
291	Preparation and submission	17 days	Mon 13/10/14	Wed 29/10/14		292	N
292	Resubmission	14 days	Wed 19/11/14	Tue 2/12/14	291	293	N
293	Further comment by Mott	3 days	Wed 3/12/14	Fri 5/12/14	292	294	N
294	Resubmission	48 days	Wed 17/12/14	Mon 2/2/15	293	295	N
295	Approval by Mott	7 days	Tue 3/2/15	Mon 9/2/15	294	296FF	N
296	Approval by DSD	7 days	Tue 3/2/15	Mon 9/2/15	295FF	298	N
297	**Flow Survey Measurement report**	**243 days**	**Tue 10/2/15**	**Sat 10/10/15**			
298	Analyzing survey data	5 days	Tue 10/2/15	Sat 14/2/15	296	299	N
299	Preparation and submission	126 days	Tue 3/3/15	Mon 6/7/15	298	303,300	N
300	Approval by Mott	1 day	Tue 7/7/15	Tue 7/7/15	299	301	N
301	Approval by DSD	95 days	Wed 8/7/15	Sat 10/10/15	300		N
302	**Engineer's Assessment Report on Flow Measurement Survey**	**284 days**	**Tue 31/3/15**	**Fri 8/1/16**			
303	Assessment calculations	14 days	Wed 21/10/15	Tue 3/11/15	299	307	N
304	Preparation and submission	203 days	Tue 31/3/15	Mon 19/10/15		305	N
305	Further comment by Mott	1 day	Tue 20/10/15	Tue 20/10/15	304	306	N
306	Resubmission	14 days	Wed 21/10/15	Tue 3/11/15	305	307	N
307	Approval by Mott	10 days	Wed 4/11/15	Fri 13/11/15	306,303	308	N
308	Approval by DSD	56 days	Sat 14/11/15	Fri 8/1/16	307	288	N
309	**Video Filming and Dye Test**	**132 days**	**Thu 1/1/15**	**Tue 12/5/15**			
310	Preparation and submission	75 days	Thu 1/1/15	Mon 16/3/15		311,313FS-1 day	N
311	Approval by Mott	2 days	Tue 17/3/15	Wed 18/3/15	310	312FF	N
312	Approval by DSD	2 days	Tue 17/3/15	Wed 18/3/15	311FF		N
313	Using digital camera in lieu of CCTV	58 days	Mon 16/3/15	Tue 12/5/15	310FS-1 day		N
314	Deletion of Modification works by the Engineer	20 days	Sat 1/7/17	Thu 20/7/17			N
315	**Works**	**1254 days**	**Fri 30/8/13**	**Fri 3/2/17**			
316	**Preliminaries (Portion F)**	**258 days**	**Fri 30/8/13**	**Wed 14/5/14**			
317	**Contractor's mobilization**	**36 days**	**Fri 30/8/13**	**Fri 4/10/13**			
318	Site clearance	8 days	Fri 30/8/13	Fri 6/9/13		4SS,319	10
319	Contractor's site office	28 days	Sat 7/9/13	Fri 4/10/13	318		10
320	Security Guard	0 days	Fri 30/8/13	Fri 30/8/13		4SS	11
321	Temporary electricity power supply	30 days	Fri 30/8/13	Sat 28/9/13		4SS	10
322	Engineer's Initial Temporary Accommodation	14 days	Fri 30/8/13	Thu 12/9/13		4SS	10
323	Engineer's Principal Accommodation	40 days	Tue 3/12/13	Sat 11/1/14	283		12
324	Engineer's Car Park	14 days	Thu 1/5/14	Wed 14/5/14			12
325	**Outfall Modification Works (Location see Drg No. S202)**	**1 day**	**Fri 3/2/17**	**Fri 3/2/17**			
326	Underwater inspection and underwater filming	1 day	Fri 3/2/17	Fri 3/2/17	288	289	14
327	**Extended Contract Completion Date**	**0 days**	**Sat 8/7/17**	**Sat 8/7/17**	3FF		
328	**Revised Contract Completion Date**	0 days	Thu 31/8/17	Thu 31/8/17	272FF		



China International Water & Electric Corp.

Task | Critical Task | Milestone | Summary

* Subject to availability of working windows
** The removal of broken rock material will be carried out biweekly
*** The frequency of interim survey is once a month

Bar Left: Early Start, Bar Right: Early Finish
Bar Top: Late Start, Bar Bottom: Late Finish

MATERIALAB CONSULTANTS LIMITED
Room 723 & 725, 7/F, Block B,
Profit Industrial Building,
1-15 Kwai Fung Crescent,
Kwai Fong, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Appendix C

Action and Limit Levels

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

Action and Limit Levels for Routine Water Quality Monitoring (Dry Season)

Monitoring Station	DO (mg/L) Surface & Middle		DO (mg/L) Bottom		Turbidity (NTU) Depth-Averaged		Suspended Solids (mg/L) Depth-averaged		BOD5(mg/L) Depth- averaged		E.coli (CFU /100mL) Depth-averaged		NH3-N (mg/L) Depth-averaged		UIA (mg/L) Depth-averaged		Synthetic Detergent as MBAS (mg/L) Depth- averaged		TIN (mg/L) Depth Averaged	
	AL	LL	AL	LL	AL	LL	AL	LL	AL	LL	AL	LL	AL	LL	AL	LL	AL	LL	AL	LL
Seawater Intake																				
SR4 SR12	2	2	2	2	<10	<10	<10	<10	<10	<10	<20,000	<20,000	<1	<1	0.021	0.021	<5	<5	NA	NA
Fish Culture Zone																				
SR5	5.45	5.39#	5.43	5.27+	6.7 or 120%C*	10.1 or 130%C^	12 or 120%C*	19 or 130%C^	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.36	0.39
Gazetted Beach																				
SR2 SR3	5.45	5.39#	5.43	5.27+	6.7 or 120%C*	10.1 or 130%C^	12 or 120%C*	19 or 130%C^	NA	NA	NA	NA	0.21 or 120%C*	0.24 or 130%C^	0.021	0.021	NA	NA	NA	NA
EMSD Cooling Water Intake																				
SR13	5.31	5.22#	5.29	5.12+	13.1 or 120%C*	15.7 or 130%C^	23 or 120%C*	38 or 130%C^	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Note:
* Or 120% of upstream control station at the same tide of the day
^ Or 130% of upstream control station at the same tide of the day
# According to EM&A Manual, LL of DO (surface & middle) is 5 mg/L or 1 percentile of baseline data in FCZ; 4 mg/L or 1 percentile of baseline data in other impact monitoring stations.
+ According to EM&A Manual, LL of DO (bottom) is 2 mg/L or 1 percentile of baseline data
For DO measurement, non-compliance occurs when monitoring result is lower than the limits;
For TIN, UIA, NH_3-N, SS, BOD_5, E.coli, synthetic detergent and turbidity, non-compliance of water quality results when monitoring results is higher than the limits;
AL/LL of TIN and NH_3-N are determined from laboratory results for better accuracy and reliability. These AL/LL will be applied to both laboratory and in-situ measurements at impact stage.
Dry Season: November to March

Action and Limit Levels for Routine Water Quality Monitoring (Wet Season)

Monitoring Station	DO (mg/L) Surface & Middle		DO (mg/L) Bottom		Turbidity (NTU) Depth-Averaged		Suspended Solids (mg/L) Depth-averaged		BOD5 (mg/L) Depth- averaged		E.coli (CFU /100mL) Depth-averaged		NH3-N (mg/L) Depth-averaged		UIA (mg/L) Depth-averaged		Synthetic Detergent as MBAS (mg/L) Depth-averaged		TIN (mg/L) Depth Averaged	
	AL	LL	AL	LL	AL	LL	AL	LL	AL	LL	AL	LL	AL	LL	AL	LL	AL	LL	AL	LL
Seawater Intake																				
SR4 SR12	2	2	2	2	<10	<10	<10	<10	<10	<10	<20,000	<20,000	<1	<1	0.021	0.021	<5	<5	NA	NA
Fish Culture Zone																				
SR5	5.00#	5.00#	4.11	4.04+	10.8 or 120%C*	15.0 or 130%C^	12 or 120%C*	19 or 130%C^	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.45	0.50
Gazetted Beach																				
SR2 SR3	4.68	4.62#	4.11	4.04+	10.8 or 120%C*	15.0 or 130%C^	12 or 120%C*	19 or 130%C^	NA	NA	NA	NA	0.21 or 120%C*	0.24 or 130%C^	0.021	0.021	NA	NA	NA	NA
EMSD Cooling Water Intake																				
SR13	4.24	4.17#	3.70	3.58+	13.1 or 120%C*	15.7 or 130%C^	23 or 120%C*	38 or 130%C^	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Note:

* Or 120% of upstream control station at the same tide of the day

^ Or 130% of upstream control station at the same tide of the day

According to EM&A Manual, LL of DO (surface & middle) is 5 mg/L or 1 percentile of baseline data in FCZ; 4 mg/L or 1 percentile of baseline data in other impact monitoring stations. (5%ile & 1 %ile determined from wet season baseline data for cluster 1 (4.68mg/L & 4.62mg/L) and cluster 2 (5.00mg/L & 4.82mg/L) are 5mg/L or below, thus 5mg/L was adopted as the AL & LL for the SR in FCZ)

+ According to EM&A Manual, LL of DO (bottom) is 2 mg/L or 1 percentile of baseline data

Referring to the ER Letter ref. (CV/2013/04)/M45/400/1247 dated 19 March 2015, a Revised Baseline Water Quality Monitoring Test Methodology – Review of Action and Limit Levels has been submitted to EPD by ER in March 2015. The Action and Limit Level for the wet season (April – October) was effected and applied to the water quality monitoring data from 1 April 2015.

For DO measurement, non-compliance occurs when monitoring result is lower than the limits;

For TIN, UIA, NH_3-N, SS, BOD_5, E.coli, synthetic detergent and turbidity, non-compliance of water quality results when monitoring results is higher than the limits;

AL/LL of TIN and NH_3-N are determined from laboratory results for better accuracy and reliability. These AL/LL will be applied to both laboratory and in-situ measurements at impact stage.

Wet season: April to October

Action and Limit Levels for 24-hr Water Quality Monitoring (Dry Season)

Monitoring Station	DO (mg/L) Surface		Turbidity (NTU) Surface		Ammonia-N (mg/L) Surface	
	AL	LL	AL	LL	AL	LL
WSD Seawater Intake						
SR4	2	2	<10	<10	<1	<1
SR12						
Fish Culture Zone						
SR5	5.46	5.39	6.0	7.9	NA	NA
EMSD Cooling Water Intake						
SR13	5.28	5.22	11.9	13.3	NA	NA

Note: According to EM&A Manual, LL of DO (surface & middle) is 5 mg/L or 1 percentile of baseline data in FCZ; 4 mg/L or 1 percentile of baseline data in other impact monitoring stations.

Dry Season: November to March.

Action and Limit Levels for 24-hr Water Quality Monitoring (Wet Season)

Monitoring Station	DO (mg/L) Surface		Turbidity (NTU) Surface		Ammonia-N (mg/L) Surface	
	AL	LL	AL	LL	AL	LL
WSD Seawater Intake						
SR4	2	2	<10	<10	<1	<1
SR12						
Fish Culture Zone						
SR5	5.24	5.13	9.7	14.4	NA	NA
EMSD Cooling Water Intake						
SR13	4.23	4.17	11.9	13.3	NA	NA

Note: # According to EM&A Manual, LL of DO (surface & middle) is 5 mg/L or 1 percentile of baseline data in FCZ; 4 mg/L or 1 percentile of baseline data in other impact monitoring stations. (1 %ile determined from wet season baseline data for cluster 2 (4.78mg/L) is below 5mg/L, thus 5mg/L was adopted as the DO (surface) LL for the SR in FCZ in cluster 2 stations)

Referring to the ER Letter ref. (CV/2013/04)/M45/400/1247 dated 19 March 2015, a Revised Baseline Water Quality Monitoring Test Methodology – Review of Action and Limit Levels has been submitted to EPD by ER in March 2015. The Action and Limit Level for the wet season (April – October) was effected and applied to the water quality monitoring data from 1 April 2015.

Wet Season: April to October.

MATERIALAB CONSULTANTS LIMITED
Room 723 & 725, 7/F, Block B,
Profit Industrial Building,
1-15 Kwai Fung Crescent,
Kwai Fong, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Appendix D

Copies of Calibration Certificates

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Room 723 & 725, 7/F, Block B,
Profit Industrial Building,
1-15 Kwai Fung Crescent,
Kwai Fong, N.T., Hong Kong.

Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Report No.: 0394/13/ED/0364A

Calibration Certificates

Impact Monitoring

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

FUGRO TECHNICAL SERVICES LIMITED
Fugro Development Centre,
5 Lok Yi Street, Tai Lam,
Tuen Mun, N.T.,
Hong Kong.

Tel : +852 2450 8233
Fax : +852 2450 6138
E-mail : matlab@fugro.com
Website : www.fugro.com

MateriaLab

Report No. : 142626WA170992

Report on Calibration of YSI 69201V2-M Multi-parameter Water Quality Meter

Information Supplied by Client

Client	:	MateriaLab Consultants Limited
Client's address	:	Rm. 23, 25, 7/F, Profit Industrial Building, No. 1-15, Kwai Fung Crescent, Kwai Chung, N.T.
Project	:	CV/2013/04 – Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Sample description	:	One YSI 69201V2-M Multi-parameter Water Quality Meter
Client sample ID	:	Serial No. 14A102908
Test required	:	Calibration of the YSI 69201V2-M Multi-parameter Water Quality Meter

Laboratory Information

Lab. sample ID	:	WA170453/1
Date sample received	:	29/06/2017
Date of calibration	:	30/06/2017
Next calibration date	:	29/09/2017
Test method used	:	In-house comparison method

Note : This report refers only to the sample(s) tested.

The copyright of this document is owned by Fugro Technical Services Limited. It may not be reproduced except with prior written approval from the Company.

FUGRO TECHNICAL SERVICES LIMITED
Fugro Development Centre,
5 Lok Yi Street, Tai Lam,
Tuen Mun, N.T.,
Hong Kong.

Tel : +852 2450 8233
Fax : +852 2450 6138
E-mail : matlab@fugro.com
Website : www.fugro.com

MateriaLab

Report No. : 142626WA170992

Results :

A. pH calibration

pH reading at 23°C for Q.C. solution(6.86) and at 23°C for Q.C. solution(9.18)		
Theoretical	Measured	Deviation
9.18	9.08	-0.10
6.86	6.93	+0.07

B. Salinity calibration

Salinity, ppt			
Theoretical	Measured	Deviation	Maximum acceptable Deviation
10	10.02	+0.02	± 0.5
20	20.08	+0.08	± 1.0
30	30.33	+0.33	± 1.5
40	40.09	+0.09	± 2.0

C. Dissolved Oxygen calibration

Trial No.	Dissolved oxygen content, mg/L	
	By Titration	By D.O. meter
1	8.13	8.24
2	8.17	8.26
3	8.21	8.35
Average	8.17	8.28

Differences of D.O. Content between Wrinkler Titration and D.O. meter should be less than 0.4 mg/L

Supervised by : Y. M. Chung

Certified by :
Approved Signatory : HO Kin Man, John
Manager – Chemistry Department

Date : 13/7/2017

Note : This report refers only to the sample(s) tested.

The copyright of this document is owned by Fugro Technical Services Limited. It may not be reproduced except with prior written approval from the Company.

FUGRO TECHNICAL SERVICES LIMITED
Fugro Development Centre,
5 Lok Yi Street, Tai Lam,
Tuen Mun, N.T.,
Hong Kong.
Tel : +852 2450 8233
Fax : +852 2450 6138
E-mail : matlab@fugro.com
Website : www.fugro.com

MateriaLab

Report No. : 142626WA170992

Results :

D. Temperature calibration

Thermometer reading, °C	Meter reading, °C
23.4	23.35

E. Turbidity calibration

Turbidity, N.T.U.			
Theoretical	Measured	Deviation	Maximum acceptable Deviation
0	0.3	+0.3	± 0.5
4	4.1	+0.1	± 0.6
8	8.5	+0.5	± 0.8
40	41.0	+1.0	± 3.0
80	79.7	-0.3	± 4.0

Supervised by : Y. M. Chung

Certified by : _____
Approved Signatory : HO Kin Man, John
Manager – Chemistry Department

Date : 13/7/2017

** End of Report **

Note : This report refers only to the sample(s) tested.

The copyright of this document is owned by Fugro Technical Services Limited. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

MaterialLab

Photometer Check Log

Calibration Date:	12 August 2017		
Parameter:	NO_2-N		
Check Solution ID:	0.2 mg/L NO_2-N		
Check Solution Prepared by:	Fugro Technical Services		
Check Solution Concentration (mg/L):	0.2 mg/L		
Equipment (Brand & Model, Equipment No.):	Lovibond MD600 W-16	Lovibond MD600 W-20	Lovibond MD600 W-21
Concentration Reading on Photometer:	0.21	0.19	0.21
Next Calibration Date:	11 September 2017		

Prepared by: _____

Date: 12 August 2017

Checked by: _____

Date: 12 August 2017

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

MaterialLab

Photometer Check Log

Calibration Date:	12 August 2017		
Parameter:	NH_3-N		
Check Solution ID:	0.2 mg/L NH_3-N		
Check Solution Prepared by:	Fugro Technical Services		
Check Solution Concentration (mg/L):	0.2 mg/L		
Equipment (Brand & Model, Equipment No.):	Lovibond MD600 W-19	Lovibond MD600 W-20	Lovibond MD600 W-21
Concentration Reading on Photometer:	0.19 mg/L	0.19 mg/L	0.19 mg/L
Next Calibration Date:	11 September 2017		

Prepared by: _____

Date: 12 August 2017

Checked by: _____

Date: 12 August 2017

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

MaterialLab

Photometer Check Log

Calibration Date:	12 August 2017		
Parameter:	NO_3-N		
Check Solution ID:	0.4 mg/L NO_3-N		
Check Solution Prepared by:	Fugro Technical Services		
Check Solution Concentration (mg/L):	0.4 mg N/L		
Equipment (Brand & Model, Equipment No.):	HACH DR900 W-09	HACH DR900 W-10	HACH DR900 W-11
Concentration Reading on Photometer:	0.380 mg/L	0.433 mg/L	0.372 mg/L
Next Calibration Date:	11 September 2017		

Prepared by: _____

Date: 12 August 2017

Checked by: _____

Date: 12 August 2017

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

MaterialLab

Photometer Check Log

Calibration Date:	11 September 2017		
Parameter:	NO_2-N		
Check Solution ID:	0.2 mg/L NO_2-N		
Check Solution Prepared by:	Fugro Technical Services		
Check Solution Concentration (mg/L):	0.2 mg/L		
Equipment (Brand & Model, Equipment No.):	Lovibond MD600 W-16	Lovibond MD600 W-20	Lovibond MD600 W-21
Concentration Reading on Photometer:	0.20	0.21	0.20
Next Calibration Date:	10 October 2017		

Prepared by: AY

Date: 11 September 2017

Checked by: C

Date: 11 September 2017

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

MaterialLab

Photometer Check Log

Calibration Date:	11 September 2017		
Parameter:	NH_3-N		
Check Solution ID:	0.2 mg/L NH_3-N		
Check Solution Prepared by:	Fugro Technical Services		
Check Solution Concentration (mg/L):	0.2 mg/L		
Equipment (Brand & Model, Equipment No.):	Lovibond MD600 W-18	Lovibond MD600 W-20	Lovibond MD600 W-21
Concentration Reading on Photometer:	0.21 mg/L	0.21 mg/L	0.21 mg/L
Next Calibration Date:	10 October 2017		

Prepared by: _____

Date: 11 September 2017

Checked by: _____

Date: 11 September 2017

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

MaterialLab

Photometer Check Log

Calibration Date:	11 September 2017		
Parameter:	NO_3-N		
Check Solution ID:	0.4 mg/L NO_3-N		
Check Solution Prepared by:	Fugro Technical Servus		
Check Solution Concentration (mg/L):	0.4 mg N/L		
Equipment (Brand & Model, Equipment No.):	HACH DR900 W-09	HACH DR900 W-10	HACH DR900 W-11
Concentration Reading on Photometer:	0.414 mg/L	0.375 mg/L	0.409 mg/L
Next Calibration Date:	10 October 2017		

Prepared by: _____

Date: 11 September 2017

Checked by: _____

Date: 11 September 2017

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Room 723 & 725, 7/F, Block B,
Profit Industrial Building,
1-15 Kwai Fung Crescent,
Kwai Fong, N.T., Hong Kong.

Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Report No.: 0394/13/ED/0364A

Calibration Certificate

24-hr Monitoring

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Room 723 & 725, 7/F, Block B,
Profit Industrial Building,
1-15 Kwai Fung Crescent,
Kwai Fong, N.T., Hong Kong.

Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Calibration Certificate

24-hr Monitoring – SR4

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

FUGRO TECHNICAL SERVICES LIMITED
Fugro Development Centre,
5 Lok Yi Street, Tai Lam,
Tuen Mun, N.T.,
Hong Kong.

Tel : +852 2450 8233
Fax : +852 2450 6138
E-mail : matlab@fugro.com
Website : www.fugro.com

MateriaLab

Report No. : 142626WA170992(3)

Report on Calibration of YSI 69201V2-M Multi-parameter Water Quality Meter

Information Supplied by Client

Client	:	MateriaLab Consultants Limited
Client's address	:	Rm. 23, 25, 7/F, Profit Industrial Building, No. 1-15, Kwai Fung Crescent, Kwai Chung, N.T.
Project	:	CV/2013/04 – Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Sample description	:	One YSI 69201V2-M Multi-parameter Water Quality Meter
Client sample ID	:	Serial No. 14A102901
Test required	:	Calibration of the YSI 69201V2-M Multi-parameter Water Quality Meter

Laboratory Information

Lab. sample ID	:	WA170992/4
Date sample received	:	29/06/2017
Date of calibration	:	30/06/2017
Next calibration date	:	29/09/2017
Test method used	:	In-house comparison method

Note : This report refers only to the sample(s) tested.

The copyright of this document is owned by Fugro Technical Services Limited. It may not be reproduced except with prior written approval from the Company.

FUGRO TECHNICAL SERVICES LIMITED
Fugro Development Centre,
5 Lok Yi Street, Tai Lam,
Tuen Mun, N.T.,
Hong Kong.

Tel : +852 2450 8233
Fax : +852 2450 6138
E-mail : matlab@fugro.com
Website : www.fugro.com

MateriaLab

Report No. : 142626WA170992(3)

Results :

A. Dissolved Oxygen calibration

Trial No.	Dissolved oxygen content, mg/L	
	By Titration	By D.O. meter
1	8.21	8.40
2	8.17	8.36
3	8.17	8.36
Average	8.18	8.37

Differences of D.O. Content between Wrinkler Titration and D.O. meter should be less than 0.4 mg/L

B. Temperature calibration

Thermometer reading, °C	Meter reading, °C
23.3	23.20

C. Turbidity calibration

Turbidity, N.T.U.			
Theoretical	Measured	Deviation	Maximum acceptable Deviation
0	0.0	0.0	± 0.5
4	4.0	0.0	± 0.6
8	8.2	+0.2	± 0.8
40	40.3	+0.3	± 3.0
80	80.3	+0.3	± 4.0

Supervised by : Y. M. Chung

Certified by : _____
Approved Signatory : HO Kin Man, John
Manager – Chemistry Department

Date : 20/7/2017

** End of Report **

Note : This report refers only to the sample(s) tested.

The copyright of this document is owned by Fugro Technical Services Limited. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Room 723 & 725, 7/F, Block B,
Profit Industrial Building,
1-15 Kwai Fung Crescent,
Kwai Fong, N.T., Hong Kong.

Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Calibration Certificate

24-hr Monitoring – SR5

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

FUGRO TECHNICAL SERVICES LIMITED
Fugro Development Centre,
5 Lok Yi Street, Tai Lam,
Tuen Mun, N.T.,
Hong Kong.

Tel : +852 2450 8233
Fax : +852 2450 6138
E-mail : matlab@fugro.com
Website : www.fugro.com

MateriaLab

Report No. : 142626WA170992(2)

Report on Calibration of YSI 69201V2-M Multi-parameter Water Quality Meter

Information Supplied by Client

Client	:	MateriaLab Consultants Limited
Client's address	:	Rm. 23, 25, 7/F, Profit Industrial Building, No. 1-15, Kwai Fung Crescent, Kwai Chung, N.T.
Project	:	CV/2013/04 – Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Sample description	:	One YSI 69201V2-M Multi-parameter Water Quality Meter
Client sample ID	:	Serial No. 14E101875
Test required	:	Calibration of the YSI 69201V2-M Multi-parameter Water Quality Meter

Laboratory Information

Lab. sample ID	:	WA170992/3
Date sample received	:	29/06/2017
Date of calibration	:	30/06/2017
Next calibration date	:	29/09/2017
Test method used	:	In-house comparison method

Note : This report refers only to the sample(s) tested.

The copyright of this document is owned by Fugro Technical Services Limited. It may not be reproduced except with prior written approval from the Company.

FUGRO TECHNICAL SERVICES LIMITED
Fugro Development Centre,
5 Lok Yi Street, Tai Lam,
Tuen Mun, N.T.,
Hong Kong.

Tel : +852 2450 8233
Fax : +852 2450 6138
E-mail : matlab@fugro.com
Website : www.fugro.com

MateriaLab

Report No. : 142626WA170992(2)

Results :

A. Dissolved Oxygen calibration

Trial No.	Dissolved oxygen content, mg/L	
	By Titration	By D.O. meter
1	8.13	8.11
2	8.04	8.16
3	8.04	8.08
Average	8.07	8.12

Differences of D.O. Content between Wrinkler Titration and D.O. meter should be less than 0.4 mg/L

B. Temperature calibration

Thermometer reading, °C	Meter reading, °C
23.8	23.52

C. Turbidity calibration

Turbidity, N.T.U.			
Theoretical	Measured	Deviation	Maximum acceptable Deviation
0	0.3	+0.3	± 0.5
4	4.4	+0.4	± 0.6
8	8.6	+0.6	± 0.8
40	39.8	-0.2	± 3.0
80	79.6	-0.4	± 4.0

Supervised by : Y. M. Chung

Certified by : _____
Approved Signatory : HO Kin Man, John
Manager – Chemistry Department

Date : 13/7/2017

** End of Report **

Note : This report refers only to the sample(s) tested.

The copyright of this document is owned by Fugro Technical Services Limited. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Room 723 & 725, 7/F, Block B,
Profit Industrial Building,
1-15 Kwai Fung Crescent,
Kwai Fong, N.T., Hong Kong.

Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Calibration Certificate

24-hr Monitoring – SR12

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

FUGRO TECHNICAL SERVICES LIMITED
Fugro Development Centre,
5 Lok Yi Street, Tai Lam,
Tuen Mun, N.T.,
Hong Kong.

Tel : +852 2450 8233
Fax : +852 2450 6138
E-mail : matlab@fugro.com
Website : www.fugro.com

MateriaLab

Report No. : 142626WA170992(1)

Report on Calibration of YSI 69201V2-M Multi-parameter Water Quality Meter

Information Supplied by Client

Client	:	MateriaLab Consultants Limited
Client's address	:	Rm. 23, 25, 7/F, Profit Industrial Building, No. 1-15, Kwai Fung Crescent, Kwai Chung, N.T.
Project	:	CV/2013/04 – Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Sample description	:	One YSI 69201V2-M Multi-parameter Water Quality Meter
Client sample ID	:	Serial No. 14E102239
Test required	:	Calibration of the YSI 69201V2-M Multi-parameter Water Quality Meter

Laboratory Information

Lab. sample ID	:	WA170992/2
Date sample received	:	29/06/2017
Date of calibration	:	30/06/2017
Next calibration date	:	29/09/2017
Test method used	:	In-house comparison method

Note : This report refers only to the sample(s) tested.

The copyright of this document is owned by Fugro Technical Services Limited. It may not be reproduced except with prior written approval from the Company.

FUGRO TECHNICAL SERVICES LIMITED
Fugro Development Centre,
5 Lok Yi Street, Tai Lam,
Tuen Mun, N.T.,
Hong Kong.
Tel : +852 2450 8233
Fax : +852 2450 6138
E-mail : matlab@fugro.com
Website : www.fugro.com

MateriaLab

Report No. : 142626WA170992(1)

Results :

A. Dissolved Oxygen calibration

Trial No.	Dissolved oxygen content, mg/L	
	By Titration	By D.O. meter
1	8.25	8.42
2	8.25	8.44
3	8.29	8.45
Average	8.26	8.44

Differences of D.O. Content between Wrinkler Titration and D.O. meter should be less than 0.4 mg/L

B. Temperature calibration

Thermometer reading, °C	Meter reading, °C
22.9	22.68

C. Turbidity calibration

Turbidity, N.T.U.			
Theoretical	Measured	Deviation	Maximum acceptable Deviation
0	0.3	+0.3	± 0.5
4	4.4	+0.4	± 0.6
8	8.6	+0.6	± 0.8
40	41.1	+1.1	± 3.0
80	79.8	-0.2	± 4.0

Supervised by : Y. M. Chung

Certified by : _____
Approved Signatory : HO Kin Man, John
Manager – Chemistry Department

Date : 13/7/2017

** End of Report **

Note : This report refers only to the sample(s) tested.

The copyright of this document is owned by Fugro Technical Services Limited. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Room 723 & 725, 7/F, Block B,
Profit Industrial Building,
1-15 Kwai Fung Crescent,
Kwai Fong, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

MateriaLab

Calibration Certificate

24-hr Monitoring – SR13

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

FUGRO TECHNICAL SERVICES LIMITED
Fugro Development Centre,
5 Lok Yi Street, Tai Lam,
Tuen Mun, N.T.,
Hong Kong.

Tel : +852 2450 8233
Fax : +852 2450 6138
E-mail : matlab@fugro.com
Website : www.fugro.com

MateriaLab

Report No. : 142626WA170992(3)

Report on Calibration of YSI 69201V2-M Multi-parameter Water Quality Meter

Information Supplied by Client

Client	:	MateriaLab Consultants Limited
Client's address	:	Rm. 23, 25, 7/F, Profit Industrial Building, No. 1-15, Kwai Fung Crescent, Kwai Chung, N.T.
Project	:	CV/2013/04 – Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Sample description	:	One YSI 69201V2-M Multi-parameter Water Quality Meter
Client sample ID	:	Serial No. 14A102898
Test required	:	Calibration of the YSI 69201V2-M Multi-parameter Water Quality Meter

Laboratory Information

Lab. sample ID	:	WA170992/4
Date sample received	:	29/06/2017
Date of calibration	:	30/06/2017
Next calibration date	:	29/09/2017
Test method used	:	In-house comparison method

Note : This report refers only to the sample(s) tested.

The copyright of this document is owned by Fugro Technical Services Limited. It may not be reproduced except with prior written approval from the Company.

FUGRO TECHNICAL SERVICES LIMITED
Fugro Development Centre,
5 Lok Yi Street, Tai Lam,
Tuen Mun, N.T.,
Hong Kong.

Tel : +852 2450 8233
Fax : +852 2450 6138
E-mail : matlab@fugro.com
Website : www.fugro.com

MateriaLab

Report No. : 142626WA170992(3)

Results :

A. Dissolved Oxygen calibration

Trial No.	Dissolved oxygen content, mg/L	
	By Titration	By D.O. meter
1	7.88	7.81
2	7.79	7.83
3	7.83	7.82
Average	7.83	7.82

Differences of D.O. Content between Wrinkler Titration and D.O. meter should be less than 0.4 mg/L

B. Temperature calibration

Thermometer reading, °C	Meter reading, °C
24.0	24.1

C. Turbidity calibration

Turbidity, N.T.U.			
Theoretical	Measured	Deviation	Maximum acceptable Deviation
0	-0.8	-0.8	± 0.8
4	3.40	-0.60	± 1.0
8	7.20	-0.80	± 1.2
40	39.80	-0.20	± 2.0
80	80.20	+0.20	± 4.0

Supervised by : Y. M. Chung

Certified by : _____
Approved Signatory : HO Kin Man, John
Manager – Chemistry Department

Date : 20/7/2017

** End of Report **

Note : This report refers only to the sample(s) tested.

The copyright of this document is owned by Fugro Technical Services Limited. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Room 723 & 725, 7/F, Block B,
Profit Industrial Building,
1-15 Kwai Fung Crescent,
Kwai Fong, N.T., Hong Kong.

Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Calibration Certificate

24-hr Monitoring – Micromac 1000

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Instrument Number: M1/140701/1365 (SR4)

Onsite Calibration Checking of Micromac 1000

Date	Time	ODS	ODE	Reading of 0.5 ppm NH3-N checking standard (ppm)	Voltage checking (Y/N)*, Voltage (V)	Next NH3-N Checking Date	Calibrated by
25/8/2017	12:06	0.017	0.285	0.54	N	30/8/2017	Jimmy
28/8/2017	12:11	0.018	0.283	0.48	N	1/9/2017	Felix
30/8/2017	12:11	0.016	0.283	0.52	N	4/9/2017	Eric
4/9/2017	12:16	0.016	0.280	0.49	Y, 12.39	8/9/2017	Felix
8/9/2017	12:16	0.018	0.279	0.46	N	13/9/2017	Jimmy
11/9/2017	12:06	0.017	0.278	0.48	N	15/9/2017	John C
13/9/2017	12:06	0.017	0.277	0.49	N	18/9/2017	John C
18/9/2017	12:11	0.019	0.280	0.52	Y, 12.33	22/9/2017	Felix
22/9/2017	10:11	0.017	0.278	0.50	N	27/9/2017	Jimmy

Note: Voltage checking of the power supply of the system applied once per two weeks

Checked by: _____
Date: 22-9-2017

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Instrument Number: M1/140702/1365 (SR12)

Onsite Calibration Checking of Micromac 1000

Date	Time	ODS	ODE	Reading of 0.5 ppm NH3-N checking standard (ppm)	Voltage checking (Y/N)*, Voltage (V)	Next NH3-N Checking Date	Calibrated by
25/8/2017	9:41	0.020	0.278	0.51	N	30/8/2017	Jimmy
28/8/2017	9:51	0.019	0.276	0.50	N	1/9/2017	Felix
30/8/2017	9:51	0.021	0.279	0.54	N	4/9/2017	Eric
4/9/2017	9:36	0.021	0.275	0.46	Y, 12.41	8/9/2017	Felix
8/9/2017	9:56	0.019	0.274	0.48	N	13/9/2017	Jimmy
11/9/2017	9:31	0.020	0.276	0.52	N	15/9/2017	John C
13/9/2017	9:51	0.020	0.274	0.50	N	18/9/2017	John C
18/9/2017	9:46	0.021	0.273	0.48	Y, 12.59	22/9/2017	Felix
22/9/2017	13:11	0.019	0.271	0.51	N	27/9/2017	Jimmy

Note: Voltage checking of the power supply of the system applied once per two weeks

Checked by: _____
Date: 22-9-2017

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Room 723 & 725, 7/F, Block B,
Profit Industrial Building,
1-15 Kwai Fung Crescent,
Kwai Fong, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Appendix E

Schedules for Routine Impact Water Quality Monitoring

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

Water Quality Monitoring Schedule (Present Reporting Period)

Sun	Mon	Tue	Wed	Thur	Fri	Sat
			23 August 2017	24 Routine WQM Mid-Flood (7:36) Mid-Ebb (14:05)	25	26 Routine WQM Mid-Flood (9:01) Mid-Ebb (15:18)
27	28	29 Routine WQM Mid-Flood (12:13) Mid-Ebb (17:54)	30	31 Routine WQM Mid-Ebb (8:09) Mid-Flood (15:52)	1 September 2017	2 Routine WQM Mid-Ebb (9:49) Mid-Flood (17:22)
3	4	5 Routine WQM Mid-Ebb (11:42) Mid-Flood (18:37)	6	7 Routine WQM Mid-Flood (6:35) Mid-Ebb (12:58)	8	9 Routine WQM Mid-Flood (8:05) Mid-Ebb (14:17)
10	11	12 Routine WQM Mid-Flood (10:54) Mid-Ebb (16:43)	13	14 Routine WQM Mid-Ebb (6:49) Mid-Flood (13:59)	15	16 Routine WQM Mid-Ebb (9:17) Mid-Flood (16:33)
17	18	19 Routine WQM Mid-Ebb (11:44) Mid-Flood (18:17)	20	21 Routine WQM Mid-Flood (6:43) Mid-Ebb (13:04)	22	

Remarks

1. According to the approved proposal (0394_13_ED_0332I), starting from 23 January 2017, routine impact water quality monitoring locations are SR2, SR3, SR4, SR5, SR12, SR13, G2, C1A and C2A.

Water Quality Monitoring Schedule (Next Reporting Period)

Sun	Mon	Tue	Wed	Thur	Fri	Sat
						23 September 2017 Routine WQM Mid-Flood (8:05) Mid-Ebb (14:15)
24	25	26 Routine WQM Mid-Flood (10:22) Mid-Ebb (16:10)	27	28 Routine WQM Mid-Ebb (5:33) Mid-Flood (21:15)	29	30 Routine WQM Mid-Ebb (8:17) Mid-Flood (16:15)
1 October 2017	2	3 Routine WQM Mid-Ebb (10:29) Mid-Flood (17:29)	4	5 Routine WQM Mid-Ebb (11:52) Mid-Flood (18:12)	6	7 Routine WQM Mid-Flood (7:10) Mid-Ebb (13:16)
8	9	10 Routine WQM Mid-Flood (9:47) Mid-Ebb (15:35)	11	12 Routine WQM Mid-Flood (12:27) Mid-Ebb (17:44)	13	14 Routine WQM Mid-Ebb (7:48) Mid-Flood (15:21)
15	16	17 Routine WQM Mid-Ebb (10:41) Mid-Flood (17:09)	18	19 Routine WQM Mid-Ebb (12:05) Mid-Flood (18:04)	20	21 Routine WQM Mid-Flood (7:17) Mid-Ebb (13:18)
22						

Remarks

1. Actual monitoring will be subjected to change due to any safety concern or adverse weather condition.
2. According to the approved proposal (0394_13_ED_0332I), starting from 23 January 2017, routine impact water quality monitoring locations are SR2, SR3, SR4, SR5, SR12, SR13, G2, C1A and C2A.

MATERIALAB CONSULTANTS LIMITED
Room 723 & 725, 7/F, Block B,
Profit Industrial Building,
1-15 Kwai Fung Crescent,
Kwai Fong, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Appendix F

Water Quality Monitoring Results and Graphical Presentation – Routine Impact Monitoring

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
C1A	24/8/2017	Mid-Flood	Fine	Moderate	9:50	28	S	1	1	7.80	7.80	26.35	26.35	25.63	25.63	104.8	104.8	7.28	7.28	6.92	0.9	0.9	1.0	0.20	0.20	0.20	0.006	0.006	0.006	0.20	0.42	0.06	0.68	0.68	0.69
C1A	24/8/2017	Mid-Flood	Fine	Moderate	9:50	28	S	1	2	7.80		26.35		25.63		104.8		7.28			0.9			0.20			0.006			0.20	0.42	0.06	0.68		
C1A	24/8/2017	Mid-Flood	Fine	Moderate	9:50	28	S	1	3																					0.20	0.43	0.06	0.69		
C1A	24/8/2017	Mid-Flood	Fine	Moderate	9:50	28	M	14	1	7.83	7.83	26.20	26.20	25.80	25.80	95.0	95.0	6.55	6.55		1.0	1.0		0.20	0.20		0.007	0.007		0.20	0.43	0.06	0.69	0.69	
C1A	24/8/2017	Mid-Flood	Fine	Moderate	9:50	28	M	14	2	7.83		26.20		25.80		95.0		6.55			1.0			0.20			0.007			0.20	0.43	0.06	0.69		
C1A	24/8/2017	Mid-Flood	Fine	Moderate	9:50	28	M	14	3																					0.20	0.43	0.06	0.69		
C1A	24/8/2017	Mid-Flood	Fine	Moderate	9:50	28	B	27	1	7.84	7.84	26.98	26.98	25.58	25.58	92.5	92.5	6.38	6.38		1.1	1.1		0.20	0.20		0.007	0.007		0.20	0.42	0.06	0.68	0.69	
C1A	24/8/2017	Mid-Flood	Fine	Moderate	9:50	28	B	27	2	7.84		26.98		25.58		92.5		6.38			1.1			0.20			0.007			0.20	0.43	0.06	0.69		
C1A	24/8/2017	Mid-Flood	Fine	Moderate	9:50	28	B	27	3																					0.20	0.43	0.06	0.69		
C2A	24/8/2017	Mid-Flood	Fine	Moderate	7:45	13	S	1	1	8.01	8.01	29.42	29.42	25.31	25.31	95.4	95.4	6.48	6.48	6.25	2.0	2.0	1.6	0.75	0.75	0.63	0.035	0.035	0.026	0.75	0.22	0.04	1.01	1.01	0.89
C2A	24/8/2017	Mid-Flood	Fine	Moderate	7:45	13	S	1	2	8.01		29.42		25.31		95.4		6.48			2.0			0.75			0.035			0.75	0.22	0.04	1.01		
C2A	24/8/2017	Mid-Flood	Fine	Moderate	7:45	13	S	1	3																					0.74	0.22	0.04	1.00		
C2A	24/8/2017	Mid-Flood	Fine	Moderate	7:45	13	M	6.5	1	7.92	7.92	31.96	31.96	25.48	25.48	89.3	89.3	6.02	6.02		1.5	1.5		0.40	0.40		0.015	0.015		0.40	0.22	0.04	0.66	0.66	
C2A	24/8/2017	Mid-Flood	Fine	Moderate	7:45	13	M	6.5	2	7.92		31.96		25.48		89.3		6.02			1.5			0.40			0.015			0.40	0.23	0.04	0.67		
C2A	24/8/2017	Mid-Flood	Fine	Moderate	7:45	13	M	6.5	3																					0.40	0.22	0.04	0.66		
C2A	24/8/2017	Mid-Flood	Fine	Moderate	7:45	13	B	12	1	7.94	7.94	31.71	31.71	25.51	25.51	85.2	85.2	5.82	5.82		1.3	1.3		0.75	0.75		0.030	0.030		0.75	0.22	0.04	1.01	1.01	
C2A	24/8/2017	Mid-Flood	Fine	Moderate	7:45	13	B	12	2	7.94		31.71		25.51		85.2		5.82			1.3			0.75			0.030			0.75	0.22	0.04	1.01		
C2A	24/8/2017	Mid-Flood	Fine	Moderate	7:45	13	B	12	3																					0.75	0.21	0.04	1.00		
G2	24/8/2017	Mid-Flood	Fine	Moderate	9:05	12	S	1	1	7.82	7.82	21.03	21.03	25.53	25.53	98.7	98.7	6.81	6.81	6.81	0.7	0.7	0.7	NA	NA	NA	NA	NA	NA	0.10	0.44	0.05	0.59	0.59	0.73
G2	24/8/2017	Mid-Flood	Fine	Moderate	9:05	12	S	1	2	7.82		21.03		25.53		98.7		6.81			0.7			NA			NA			0.10	0.43	0.06	0.59		
G2	24/8/2017	Mid-Flood	Fine	Moderate	9:05	12	S	1	3																					0.10	0.44	0.06	0.60		
G2	24/8/2017	Mid-Flood	Fine	Moderate	9:05	12	M	6	1	7.82	7.82	21.14	21.14	25.47	25.47	98.4	98.4	6.80	6.80		0.6	0.6		NA	NA		NA	NA		0.30	0.43	0.06	0.79	0.79	
G2	24/8/2017	Mid-Flood	Fine	Moderate	9:05	12	M	6	2	7.82		21.14		25.47		98.4		6.80			0.6			NA			NA			0.30	0.45	0.06	0.81		
G2	24/8/2017	Mid-Flood	Fine	Moderate	9:05	12	M	6	3																					0.30	0.42	0.06	0.78		
G2	24/8/2017	Mid-Flood	Fine	Moderate	9:05	12	B	11	1	7.84	7.84	21.08	21.08	25.43	25.43	98.6	98.6	6.81	6.81		0.7	0.7		NA	NA		NA	NA		0.30	0.45	0.05	0.80	0.80	
G2	24/8/2017	Mid-Flood	Fine	Moderate	9:05	12	B	11	2	7.84		21.08		25.43		98.6		6.81			0.7			NA			NA			0.30	0.45	0.05	0.80		
G2	24/8/2017	Mid-Flood	Fine	Moderate	9:05	12	B	11	3																					0.30	0.44	0.05	0.79		
SR2	24/8/2017	Mid-Flood	Fine	Moderate	9:20	9	S	1	1	7.85	7.85	21.73	21.73	25.39	25.39	100.6	100.6	6.93	6.93	6.90	0.5	0.5	0.7	0.10	0.10	0.09	0.003	0.003	0.003	NA	NA	NA	NA	NA	NA
SR2	24/8/2017	Mid-Flood	Fine	Moderate	9:20	9	S	1	2	7.85		21.73		25.39		100.6		6.93			0.5			0.10			0.003			NA	NA	NA	NA		
SR2	24/8/2017	Mid-Flood	Fine	Moderate	9:20	9	S	1	3																					NA	NA	NA	NA		
SR2	24/8/2017	Mid-Flood	Fine	Moderate	9:20	9	M	4.5	1	7.88	7.88	21.98	21.98	25.32	25.32	99.7	99.7	6.87	6.87		0.8	0.8		0.10	0.10		0.004	0.004		NA	NA	NA	NA	NA	
SR2	24/8/2017	Mid-Flood	Fine	Moderate	9:20	9	M	4.5	2	7.88		21.98		25.32		99.7		6.87			0.8			0.10			0.004			NA	NA	NA	NA		
SR2	24/8/2017	Mid-Flood	Fine	Moderate	9:20	9	M	4.5	3																					NA	NA	NA	NA		
SR2	24/8/2017	Mid-Flood	Fine	Moderate	9:20	9	B	8	1	7.89	7.89	22.58	22.58	25.43	25.43	96.4	96.4	6.64	6.64		0.7	0.7		0.08	0.08		0.003	0.003		NA	NA	NA	NA	NA	
SR2	24/8/2017	Mid-Flood	Fine	Moderate	9:20	9	B	8	2	7.89		22.58		25.43		96.4		6.64			0.7			0.08			0.003			NA	NA	NA	NA		
SR2	24/8/2017	Mid-Flood	Fine	Moderate	9:20	9	B	8	3																					NA	NA	NA	NA		
SR3	24/8/2017	Mid-Flood	Fine	Moderate	8:50	8	S	1	1	7.82	7.82	20.44	20.44	25.67	25.67	99.3	99.3	6.86	6.86	6.82	1.2	1.2	1.4	0.15	0.16	0.15	0.005	0.005	0.005	NA	NA	NA	NA	NA	NA
SR3	24/8/2017	Mid-Flood	Fine	Moderate	8:50	8	S	1	2	7.82		20.44		25.67		99.3		6.86			1.2			0.16			0.005			NA	NA	NA	NA		
SR3	24/8/2017	Mid-Flood	Fine	Moderate	8:50	8	S	1	3																					NA	NA	NA	NA		
SR3	24/8/2017	Mid-Flood	Fine	Moderate	8:50	8	M	4	1	7.83	7.83	20.78	20.78	25.55	25.55	98.2	98.2	6.78	6.78		1.7	1.7		0.20	0.20		0.007	0.007		NA	NA	NA	NA	NA	
SR3	24/8/2017	Mid-Flood	Fine	Moderate	8:50	8	M	4	2	7.83		20.78		25.55		98.2		6.78			1.7			0.20			0.007			NA	NA	NA	NA		
SR3	24/8/2017	Mid-Flood	Fine	Moderate	8:50	8	M	4	3																					NA	NA	NA	NA		
SR3	24/8/2017	Mid-Flood	Fine	Moderate	8:50	8	B	7	1	7.83	7.83	21.04	21.04	25.48	25.48	92.2	92.2	6.71	6.71		1.2	1.2		0.10	0.10		0.003	0.003		NA	NA	NA	NA	NA	
SR3	24/8/2017	Mid-Flood	Fine	Moderate	8:50	8	B	7	2	7.83		21.04		25.48		92.2		6.71			1.2			0.10			0.003			NA	NA	NA	NA		
SR3	24/8/2017	Mid-Flood	Fine	Moderate	8:50	8	B	7	3																					NA	NA	NA	NA		

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR4	24/8/2017	Mid-Flood	Fine	Moderate	8:35	4	S	1	1	7.81	7.81	27.29	27.29	25.21	25.21	93.2	93.2	6.42	6.42	6.42	1.3	1.3	1.4	0.13	0.13	0.12	0.004	0.004	0.004	NA	NA	NA	NA	NA	NA
SR4	24/8/2017	Mid-Flood	Fine	Moderate	8:35	4	S	1	2	7.81		27.29		25.21		93.2		6.42			1.3			0.12			0.004			NA	NA	NA	NA		
SR4	24/8/2017	Mid-Flood	Fine	Moderate	8:35	4	S	1	3																					NA	NA	NA	NA		
SR4	24/8/2017	Mid-Flood	Fine	Moderate	8:35	4	M		1																					NA	NA	NA	NA		
SR4	24/8/2017	Mid-Flood	Fine	Moderate	8:35	4	M		2		NA		NA		NA		NA		NA			NA			NA			NA		NA	NA	NA	NA	NA	NA
SR4	24/8/2017	Mid-Flood	Fine	Moderate	8:35	4	M		3																					NA	NA	NA	NA		
SR4	24/8/2017	Mid-Flood	Fine	Moderate	8:35	4	B	3	1	7.84	7.84	27.22	27.22	25.84	25.84	89.3	89.3	6.16	6.16		1.4	1.4		0.11	0.11		0.004	0.004		NA	NA	NA	NA	NA	NA
SR4	24/8/2017	Mid-Flood	Fine	Moderate	8:35	4	B	3	2	7.84		27.22		25.84		89.3		6.16			1.4			0.11			0.004			NA	NA	NA	NA		
SR4	24/8/2017	Mid-Flood	Fine	Moderate	8:35	4	B	3	3																					NA	NA	NA	NA		
SR5	24/8/2017	Mid-Flood	Fine	Moderate	9:33	11	S	1	1	7.83	7.83	26.09	26.09	25.60	25.60	106.3	106.3	7.38	7.38	7.25	0.7	0.7	0.6	NA	NA	NA	NA	NA	NA	0.10	0.34	0.05	0.49	0.49	0.51
SR5	24/8/2017	Mid-Flood	Fine	Moderate	9:33	11	S	1	2	7.83		26.09		25.60		106.3		7.38			0.7			NA			NA			0.10	0.35	0.05	0.50		
SR5	24/8/2017	Mid-Flood	Fine	Moderate	9:33	11	S	1	3																					0.10	0.34	0.05	0.49		
SR5	24/8/2017	Mid-Flood	Fine	Moderate	9:33	11	M	5.5	1	7.84	7.84	27.79	27.79	25.23	25.23	102.5	102.5	7.12	7.12		0.6	0.6		NA	NA		NA	NA		0.10	0.35	0.05	0.50		
SR5	24/8/2017	Mid-Flood	Fine	Moderate	9:33	11	M	5.5	2	7.84		27.79		25.23		102.5		7.12			0.6			NA			NA			0.10	0.33	0.05	0.48		
SR5	24/8/2017	Mid-Flood	Fine	Moderate	9:33	11	M	5.5	3																					0.10	0.34	0.05	0.49		
SR5	24/8/2017	Mid-Flood	Fine	Moderate	9:33	11	B	10	1	7.84	7.84	29.79	29.79	25.80	25.80	93.8	93.8	6.46	6.46		0.4	0.4		NA	NA		NA	NA		0.13	0.35	0.05	0.53	0.54	
SR5	24/8/2017	Mid-Flood	Fine	Moderate	9:33	11	B	10	2	7.84		29.79		25.80		93.8		6.46			0.4			NA			NA			0.14	0.35	0.05	0.54		
SR5	24/8/2017	Mid-Flood	Fine	Moderate	9:33	11	B	10	3																					0.14	0.35	0.05	0.54		
SR12	24/8/2017	Mid-Flood	Fine	Moderate	8:20	15	S	1	1	7.89	7.89	24.42	24.42	23.63	23.63	88.7	88.7	6.10	6.10	6.08	1.4	1.4	1.4	0.15	0.15	0.15	0.005	0.005	0.005	NA	NA	NA	NA	NA	NA
SR12	24/8/2017	Mid-Flood	Fine	Moderate	8:20	15	S	1	2	7.89		24.42		23.63		88.7		6.10			1.4			0.15			0.005			NA	NA	NA	NA		
SR12	24/8/2017	Mid-Flood	Fine	Moderate	8:20	15	S	1	3																					NA	NA	NA	NA		
SR12	24/8/2017	Mid-Flood	Fine	Moderate	8:20	15	M	7.5	1	7.88	7.88	24.62	24.62	25.56	25.56	87.9	87.9	6.05	6.05		1.2	1.2		0.15	0.16		0.005	0.006		NA	NA	NA	NA	NA	NA
SR12	24/8/2017	Mid-Flood	Fine	Moderate	8:20	15	M	7.5	2	7.88		24.62		25.56		87.9		6.05			1.2			0.16			0.006			NA	NA	NA	NA		
SR12	24/8/2017	Mid-Flood	Fine	Moderate	8:20	15	M	7.5	3																					NA	NA	NA	NA		
SR12	24/8/2017	Mid-Flood	Fine	Moderate	8:20	15	B	14	1	7.88	7.88	24.48	24.48	25.54	25.54	87.3	87.3	6.00	6.00		1.5	1.5		0.15	0.15		0.005	0.005		NA	NA	NA	NA	NA	
SR12	24/8/2017	Mid-Flood	Fine	Moderate	8:20	15	B	14	2	7.88		24.48		25.54		87.3		6.00			1.5			0.15			0.005			NA	NA	NA	NA		
SR12	24/8/2017	Mid-Flood	Fine	Moderate	8:20	15	B	14	3																					NA	NA	NA	NA		
SR13	24/8/2017	Mid-Flood	Fine	Moderate	8:05	14	S	1	1	7.82	7.82	28.98	28.98	23.01	23.01	77.4	77.4	5.29	5.29	5.20	2.6	2.6	2.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	24/8/2017	Mid-Flood	Fine	Moderate	8:05	14	S	1	2	7.82		28.98		23.01		77.4		5.29			2.6			NA			NA			NA	NA	NA	NA		
SR13	24/8/2017	Mid-Flood	Fine	Moderate	8:05	14	S	1	3																					NA	NA	NA	NA		
SR13	24/8/2017	Mid-Flood	Fine	Moderate	8:05	14	M	7	1	7.85	7.85	29.80	29.64	23.47	23.47	74.8	74.8	5.11	5.11		2.4	2.4		NA	NA		NA	NA		NA	NA	NA	NA	NA	NA
SR13	24/8/2017	Mid-Flood	Fine	Moderate	8:05	14	M	7	2	7.85		29.48		23.47		74.8		5.11			2.4			NA			NA			NA	NA	NA	NA		
SR13	24/8/2017	Mid-Flood	Fine	Moderate	8:05	14	M	7	3																					NA	NA	NA	NA		
SR13	24/8/2017	Mid-Flood	Fine	Moderate	8:05	14	B	13	1	7.84	7.84	30.06	30.06	25.24	25.24	72.1	72.1	4.86	4.86		2.3	2.3		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	24/8/2017	Mid-Flood	Fine	Moderate	8:05	14	B	13	2	7.84		30.06		25.24		72.1		4.86			2.3			NA			NA			NA	NA	NA	NA		
SR13	24/8/2017	Mid-Flood	Fine	Moderate	8:05	14	B	13	3																					NA	NA	NA	NA		

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
C1A	24/8/2017	Mid-Flood	Fine	Moderate	9:50	28	S	1	1	10	10	11	0.19	0.19	0.19	0.006	0.006	0.006	0.19	0.42	0.06	0.67	0.67	0.69	740	709	532	NA	NA	NA	<1	1	1
C1A	24/8/2017	Mid-Flood	Fine	Moderate	9:50	28	S	1	2	9			0.18			0.005			0.18	0.42	0.06	0.66			680			NA			<1		
C1A	24/8/2017	Mid-Flood	Fine	Moderate	9:50	28	S	1	3										0.20	0.43	0.06	0.69											
C1A	24/8/2017	Mid-Flood	Fine	Moderate	9:50	28	M	14	1	11	12		0.22	0.20		0.007	0.007		0.22	0.43	0.06	0.71	0.70		550	519		NA	NA		<1	1	
C1A	24/8/2017	Mid-Flood	Fine	Moderate	9:50	28	M	14	2	12			0.18			0.006			0.18	0.43	0.06	0.67			490			NA			1		
C1A	24/8/2017	Mid-Flood	Fine	Moderate	9:50	28	M	14	3										0.24	0.43	0.06	0.73											
C1A	24/8/2017	Mid-Flood	Fine	Moderate	9:50	28	B	27	1	12	12		0.19	0.19		0.006	0.006		0.19	0.42	0.06	0.67	0.69		390	410		NA	NA		<1	1	
C1A	24/8/2017	Mid-Flood	Fine	Moderate	9:50	28	B	27	2	11			0.18			0.006			0.18	0.43	0.06	0.67			430			NA			1		
C1A	24/8/2017	Mid-Flood	Fine	Moderate	9:50	28	B	27	3										0.25	0.43	0.06	0.74											
C2A	24/8/2017	Mid-Flood	Fine	Moderate	7:45	13	S	1	1	7	7	9	0.72	0.74	0.63	0.033	0.034	0.026	0.72	0.22	0.04	0.98	0.99	0.91	4800	4099	6396	NA	NA	NA	1	1	1
C2A	24/8/2017	Mid-Flood	Fine	Moderate	7:45	13	S	1	2	7			0.75			0.035			0.75	0.22	0.04	1.01			3500			NA			<1		
C2A	24/8/2017	Mid-Flood	Fine	Moderate	7:45	13	S	1	3										0.72	0.22	0.04	0.98											
C2A	24/8/2017	Mid-Flood	Fine	Moderate	7:45	13	M	6.5	1	8	8		0.64	0.45		0.024	0.017		0.64	0.22	0.04	0.90	0.82		7600	8085		NA	NA		1	1	
C2A	24/8/2017	Mid-Flood	Fine	Moderate	7:45	13	M	6.5	2	8			0.26			0.010			0.26	0.23	0.04	0.53			8600			NA			<1		
C2A	24/8/2017	Mid-Flood	Fine	Moderate	7:45	13	M	6.5	3										0.78	0.22	0.04	1.04											
C2A	24/8/2017	Mid-Flood	Fine	Moderate	7:45	13	B	12	1	10	11		0.64	0.70		0.025	0.027		0.64	0.22	0.04	0.90	0.92		7700	7897		NA	NA		1	1	
C2A	24/8/2017	Mid-Flood	Fine	Moderate	7:45	13	B	12	2	11			0.75			0.030			0.75	0.22	0.04	1.01			8100			NA			1		
C2A	24/8/2017	Mid-Flood	Fine	Moderate	7:45	13	B	12	3										0.60	0.21	0.04	0.85											
G2	24/8/2017	Mid-Flood	Fine	Moderate	9:05	12	S	1	1	6	6	7	NA	NA	NA	NA	NA	NA	0.12	0.44	0.05	0.61	0.62	0.73	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	24/8/2017	Mid-Flood	Fine	Moderate	9:05	12	S	1	2	6			NA			NA			0.08	0.43	0.06	0.57			NA			NA			NA		
G2	24/8/2017	Mid-Flood	Fine	Moderate	9:05	12	S	1	3										0.18	0.44	0.06	0.68											
G2	24/8/2017	Mid-Flood	Fine	Moderate	9:05	12	M	6	1	7	7		NA	NA		NA	NA		0.21	0.43	0.06	0.70	0.80		NA	NA		NA	NA		NA	NA	NA
G2	24/8/2017	Mid-Flood	Fine	Moderate	9:05	12	M	6	2	6			NA			NA			0.58	0.45	0.06	1.09			NA			NA			NA		
G2	24/8/2017	Mid-Flood	Fine	Moderate	9:05	12	M	6	3										0.12	0.42	0.06	0.60											
G2	24/8/2017	Mid-Flood	Fine	Moderate	9:05	12	B	11	1	8	9		NA	NA		NA	NA		0.17	0.45	0.05	0.67	0.77		NA	NA		NA	NA		NA	NA	
G2	24/8/2017	Mid-Flood	Fine	Moderate	9:05	12	B	11	2	10			NA			NA			0.42	0.45	0.05	0.92			NA			NA			NA		
G2	24/8/2017	Mid-Flood	Fine	Moderate	9:05	12	B	11	3										0.24	0.44	0.05	0.73											
SR2	24/8/2017	Mid-Flood	Fine	Moderate	9:20	9	S	1	1	9	9	9	0.08	0.09	0.08	0.003	0.003	0.003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	24/8/2017	Mid-Flood	Fine	Moderate	9:20	9	S	1	2	8			0.09			0.003			NA	NA	NA	NA			NA			NA			NA		
SR2	24/8/2017	Mid-Flood	Fine	Moderate	9:20	9	S	1	3										NA	NA	NA	NA											
SR2	24/8/2017	Mid-Flood	Fine	Moderate	9:20	9	M	4.5	1	9			0.08			0.003			NA	NA	NA	NA			NA			NA			NA		
SR2	24/8/2017	Mid-Flood	Fine	Moderate	9:20	9	M	4.5	2	8			0.09			0.003			NA	NA	NA	NA			NA			NA			NA		
SR2	24/8/2017	Mid-Flood	Fine	Moderate	9:20	9	M	4.5	3										NA	NA	NA	NA											
SR2	24/8/2017	Mid-Flood	Fine	Moderate	9:20	9	B	8	1	10	11		0.08	0.08		0.003	0.003		NA	NA	NA	NA			NA			NA			NA		
SR2	24/8/2017	Mid-Flood	Fine	Moderate	9:20	9	B	8	2	11			0.08			0.003			NA	NA	NA	NA			NA			NA			NA		
SR2	24/8/2017	Mid-Flood	Fine	Moderate	9:20	9	B	8	3										NA	NA	NA	NA											
SR3	24/8/2017	Mid-Flood	Fine	Moderate	8:50	8	S	1	1	11	11	10	0.10	0.17	0.16	0.003	0.006	0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	24/8/2017	Mid-Flood	Fine	Moderate	8:50	8	S	1	2	10			0.24			0.008			NA	NA	NA	NA			NA			NA			NA		
SR3	24/8/2017	Mid-Flood	Fine	Moderate	8:50	8	S	1	3										NA	NA	NA	NA											
SR3	24/8/2017	Mid-Flood	Fine	Moderate	8:50	8	M	4	1	11	11		0.17	0.19		0.006	0.006		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	24/8/2017	Mid-Flood	Fine	Moderate	8:50	8	M	4	2	10			0.21			0.007			NA	NA	NA	NA			NA			NA			NA		
SR3	24/8/2017	Mid-Flood	Fine	Moderate	8:50	8	M	4	3										NA	NA	NA	NA											
SR3	24/8/2017	Mid-Flood	Fine	Moderate	8:50	8	B	7	1	10	10		0.08	0.12		0.003	0.004		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	24/8/2017	Mid-Flood	Fine	Moderate	8:50	8	B	7	2	10			0.16			0.005			NA	NA	NA	NA			NA			NA			NA		
SR3	24/8/2017	Mid-Flood	Fine	Moderate	8:50	8	B	7	3										NA	NA	NA	NA											

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
SR4	24/8/2017	Mid-Flood	Fine	Moderate	8:35	4	S	1	1	11	11		0.13	0.13		0.004	0.004		NA	NA	NA	NA	NA		4600	4844		NA	NA		<1	1	
SR4	24/8/2017	Mid-Flood	Fine	Moderate	8:35	4	S	1	2	10			0.12			0.004			NA	NA	NA	NA			5100			NA			1		
SR4	24/8/2017	Mid-Flood	Fine	Moderate	8:35	4	S	1	3										NA	NA	NA	NA											
SR4	24/8/2017	Mid-Flood	Fine	Moderate	8:35	4	M		1		NA	11		NA	0.12		NA	0.004	NA	NA	NA	NA	NA	NA		NA	1884	NA	NA	NA		NA	1
SR4	24/8/2017	Mid-Flood	Fine	Moderate	8:35	4	M		2										NA	NA	NA	NA											
SR4	24/8/2017	Mid-Flood	Fine	Moderate	8:35	4	M		3										NA	NA	NA	NA											
SR4	24/8/2017	Mid-Flood	Fine	Moderate	8:35	4	B	3	1	12	12		0.12	0.12		0.004	0.004		NA	NA	NA	NA	NA		680	733		NA	NA		<1	1	
SR4	24/8/2017	Mid-Flood	Fine	Moderate	8:35	4	B	3	2	12			0.11			0.004			NA	NA	NA	NA			790			NA			<1		
SR4	24/8/2017	Mid-Flood	Fine	Moderate	8:35	4	B	3	3										NA	NA	NA	NA											
SR5	24/8/2017	Mid-Flood	Fine	Moderate	9:33	11	S	1	1	17	18		NA	NA		NA	NA		0.13	0.34	0.05	0.52	0.51		NA	NA		NA	NA		NA	NA	
SR5	24/8/2017	Mid-Flood	Fine	Moderate	9:33	11	S	1	2	18			NA			NA			0.08	0.35	0.05	0.48			NA			NA			NA		
SR5	24/8/2017	Mid-Flood	Fine	Moderate	9:33	11	S	1	3										0.13	0.34	0.05	0.52											
SR5	24/8/2017	Mid-Flood	Fine	Moderate	9:33	11	M	5.5	1	17	17	18	NA	NA	NA	NA	NA	NA	0.12	0.35	0.05	0.52	0.52	0.52	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	24/8/2017	Mid-Flood	Fine	Moderate	9:33	11	M	5.5	2	17			NA			NA			0.15	0.33	0.05	0.53			NA			NA			NA		
SR5	24/8/2017	Mid-Flood	Fine	Moderate	9:33	11	M	5.5	3										0.11	0.34	0.05	0.50											
SR5	24/8/2017	Mid-Flood	Fine	Moderate	9:33	11	B	10	1	18	19		NA	NA		NA	NA		0.18	0.35	0.05	0.58	0.55		NA	NA		NA	NA		NA	NA	
SR5	24/8/2017	Mid-Flood	Fine	Moderate	9:33	11	B	10	2	20			NA			NA			0.10	0.35	0.05	0.50			NA			NA			NA		
SR5	24/8/2017	Mid-Flood	Fine	Moderate	9:33	11	B	10	3										0.17	0.35	0.05	0.57											
SR12	24/8/2017	Mid-Flood	Fine	Moderate	8:20	15	S	1	1	17	17		0.17	0.16		0.006	0.005		NA	NA	NA	NA	NA		7800	8094		NA	NA		1	1	
SR12	24/8/2017	Mid-Flood	Fine	Moderate	8:20	15	S	1	2	16			0.15			0.005			NA	NA	NA	NA			8400			NA			<1		
SR12	24/8/2017	Mid-Flood	Fine	Moderate	8:20	15	S	1	3										NA	NA	NA	NA											
SR12	24/8/2017	Mid-Flood	Fine	Moderate	8:20	15	M	7.5	1	16	16	17	0.15	0.16	0.16	0.005	0.006	0.005	NA	NA	NA	NA	NA	NA	2100	2468	4059	NA	NA	NA	1	1	1
SR12	24/8/2017	Mid-Flood	Fine	Moderate	8:20	15	M	7.5	2	16			0.16			0.006			NA	NA	NA	NA			2900			NA			<1		
SR12	24/8/2017	Mid-Flood	Fine	Moderate	8:20	15	M	7.5	3										NA	NA	NA	NA											
SR12	24/8/2017	Mid-Flood	Fine	Moderate	8:20	15	B	14	1	17	17		0.15	0.15		0.005	0.005		NA	NA	NA	NA	NA		3500	3347		NA	NA		1	2	
SR12	24/8/2017	Mid-Flood	Fine	Moderate	8:20	15	B	14	2	17			0.15			0.005			NA	NA	NA	NA			3200			NA			2		
SR12	24/8/2017	Mid-Flood	Fine	Moderate	8:20	15	B	14	3										NA	NA	NA	NA											
SR13	24/8/2017	Mid-Flood	Fine	Moderate	8:05	14	S	1	1	10	11		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	24/8/2017	Mid-Flood	Fine	Moderate	8:05	14	S	1	2	12			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	24/8/2017	Mid-Flood	Fine	Moderate	8:05	14	S	1	3										NA	NA	NA	NA											
SR13	24/8/2017	Mid-Flood	Fine	Moderate	8:05	14	M	7	1	11	11	11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	24/8/2017	Mid-Flood	Fine	Moderate	8:05	14	M	7	2	10			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	24/8/2017	Mid-Flood	Fine	Moderate	8:05	14	M	7	3										NA	NA	NA	NA											
SR13	24/8/2017	Mid-Flood	Fine	Moderate	8:05	14	B	13	1	12	12		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	24/8/2017	Mid-Flood	Fine	Moderate	8:05	14	B	13	2	12			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	24/8/2017	Mid-Flood	Fine	Moderate	8:05	14	B	13	3										NA	NA	NA	NA											

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
C1A	24/8/2017	Mid-Ebb	Fine	Moderate	11:00	28	S	1	1	7.86	7.86	26.30	26.30	26.65	26.65	104.5	104.5	7.26	7.26	6.95	0.7	0.7	1.0	0.22	0.23	0.21	0.008	0.008	0.008	0.22	0.43	0.06	0.71	0.71	0.70
C1A	24/8/2017	Mid-Ebb	Fine	Moderate	11:00	28	S	1	2	7.86		26.30		26.65		104.5		7.26			0.7			0.23			0.009			0.23	0.42	0.06	0.71		
C1A	24/8/2017	Mid-Ebb	Fine	Moderate	11:00	28	S	1	3																					0.23	0.42	0.06	0.71		
C1A	24/8/2017	Mid-Ebb	Fine	Moderate	11:00	28	M	14	1	7.85	7.85	29.70	29.70	26.85	26.85	96.1	96.1	6.64	6.64		0.9	0.9		0.20	0.20		0.007	0.007		0.20	0.43	0.06	0.69	0.69	
C1A	24/8/2017	Mid-Ebb	Fine	Moderate	11:00	28	M	14	2	7.85		29.70		26.85		96.1		6.64			0.9			0.20			0.007			0.20	0.43	0.06	0.69		
C1A	24/8/2017	Mid-Ebb	Fine	Moderate	11:00	28	M	14	3																					0.20	0.43	0.06	0.69		
C1A	24/8/2017	Mid-Ebb	Fine	Moderate	11:00	28	B	27	1	7.86	7.86	24.63	24.63	26.93	26.93	91.7	91.7	6.73	6.73		1.3	1.3		0.20	0.20		0.008	0.008		0.20	0.42	0.06	0.68	0.69	
C1A	24/8/2017	Mid-Ebb	Fine	Moderate	11:00	28	B	27	2	7.86		24.63		26.93		91.7		6.73			1.3			0.20			0.008			0.20	0.43	0.06	0.69		
C1A	24/8/2017	Mid-Ebb	Fine	Moderate	11:00	28	B	27	3																					0.20	0.43	0.06	0.69		
C2A	24/8/2017	Mid-Ebb	Fine	Moderate	12:50	13	S	1	1	7.89	7.89	24.12	24.12	26.21	26.21	98.2	98.2	6.51	6.51	6.50	1.8	1.8	1.8	0.34	0.35	0.63	0.013	0.013	0.025	0.34	0.23	0.04	0.61	0.62	0.90
C2A	24/8/2017	Mid-Ebb	Fine	Moderate	12:50	13	S	1	2	7.89		24.12		26.21		98.2		6.51			1.8			0.35			0.014			0.35	0.23	0.04	0.62		
C2A	24/8/2017	Mid-Ebb	Fine	Moderate	12:50	13	S	1	3																					0.35	0.23	0.04	0.62		
C2A	24/8/2017	Mid-Ebb	Fine	Moderate	12:50	13	M	6.5	1	7.89	7.89	24.72	24.72	26.02	26.02	94.2	94.2	6.49	6.49		1.7	1.7		0.80	0.81		0.031	0.031		0.80	0.22	0.04	1.06	1.06	
C2A	24/8/2017	Mid-Ebb	Fine	Moderate	12:50	13	M	6.5	2	7.89		24.72		26.02		94.2		6.49			1.7			0.81			0.031			0.81	0.22	0.04	1.07		
C2A	24/8/2017	Mid-Ebb	Fine	Moderate	12:50	13	M	6.5	3																					0.81	0.20	0.04	1.05		
C2A	24/8/2017	Mid-Ebb	Fine	Moderate	12:50	13	B	12	1	7.89	7.89	24.02	24.02	26.77	26.77	91.4	91.4	6.38	6.38		1.8	1.8		0.75	0.75		0.030	0.030		0.75	0.22	0.04	1.01	1.01	
C2A	24/8/2017	Mid-Ebb	Fine	Moderate	12:50	13	B	12	2	7.89		24.02		26.77		91.4		6.38			1.8			0.75			0.030			0.75	0.22	0.04	1.01		
C2A	24/8/2017	Mid-Ebb	Fine	Moderate	12:50	13	B	12	3																					0.75	0.22	0.04	1.01		
G2	24/8/2017	Mid-Ebb	Fine	Moderate	11:40	12	S	1	1	7.84	7.84	21.00	21.00	26.82	26.82	98.9	98.9	6.83	6.83	6.83	0.7	0.7	0.8	NA	NA	NA	NA	NA	NA	0.16	0.45	0.05	0.66	0.66	0.65
G2	24/8/2017	Mid-Ebb	Fine	Moderate	11:40	12	S	1	2	7.84		21.00		26.82		98.9		6.83			0.7			NA			NA			0.16	0.45	0.05	0.66		
G2	24/8/2017	Mid-Ebb	Fine	Moderate	11:40	12	S	1	3																					0.16	0.45	0.05	0.66		
G2	24/8/2017	Mid-Ebb	Fine	Moderate	11:40	12	M	6	1	7.88	7.88	21.17	21.17	28.46	28.46	98.8	98.8	6.83	6.83		0.9	0.9		NA	NA		NA	NA		0.13	0.43	0.06	0.62	0.63	
G2	24/8/2017	Mid-Ebb	Fine	Moderate	11:40	12	M	6	2	7.88		21.17		28.46		98.8		6.83			0.9			NA			NA			0.14	0.45	0.05	0.64		
G2	24/8/2017	Mid-Ebb	Fine	Moderate	11:40	12	M	6	3																					0.14	0.45	0.05	0.64		
G2	24/8/2017	Mid-Ebb	Fine	Moderate	11:40	12	B	11	1	7.90	7.90	21.26	21.26	26.44	26.44	98.5	98.5	6.80	6.80		0.8	0.8		NA	NA		NA	NA		0.16	0.44	0.06	0.66		
G2	24/8/2017	Mid-Ebb	Fine	Moderate	11:40	12	B	11	2	7.90		21.26		26.44		98.5		6.80			0.8			NA			NA			0.16	0.44	0.05	0.65		
G2	24/8/2017	Mid-Ebb	Fine	Moderate	11:40	12	B	11	3																					0.15	0.45	0.05	0.65		
SR2	24/8/2017	Mid-Ebb	Fine	Moderate	11:30	9	S	1	1	7.88	7.88	21.67	21.67	28.39	28.39	100.1	100.1	6.95	6.95	6.90	0.5	0.5	0.7	0.10	0.10	0.10	0.004	0.004	0.004	NA	NA	NA	NA	NA	NA
SR2	24/8/2017	Mid-Ebb	Fine	Moderate	11:30	9	S	1	2	7.88		21.67		28.39		100.1		6.95			0.5			0.10			0.004			NA	NA	NA	NA		
SR2	24/8/2017	Mid-Ebb	Fine	Moderate	11:30	9	S	1	3																					NA	NA	NA	NA		
SR2	24/8/2017	Mid-Ebb	Fine	Moderate	11:30	9	M	4.5	1	7.89	7.89	22.00	22.00	28.31	28.31	99.3	99.3	6.84	6.84		0.8	0.8		0.10	0.10		0.005	0.005		NA	NA	NA	NA	NA	
SR2	24/8/2017	Mid-Ebb	Fine	Moderate	11:30	9	M	4.5	2	7.89		22.00		28.31		99.3		6.84			0.8			0.10			0.005			NA	NA	NA	NA		
SR2	24/8/2017	Mid-Ebb	Fine	Moderate	11:30	9	M	4.5	3																					NA	NA	NA	NA		
SR2	24/8/2017	Mid-Ebb	Fine	Moderate	11:30	9	B	8	1	7.88	7.88	22.68	22.68	28.06	28.06	96.4	96.4	6.65	6.65		0.8	0.8		0.10	0.10		0.004	0.004		NA	NA	NA	NA	NA	
SR2	24/8/2017	Mid-Ebb	Fine	Moderate	11:30	9	B	8	2	7.88		22.68		28.06		96.4		6.65			0.8			0.10			0.004			NA	NA	NA	NA		
SR2	24/8/2017	Mid-Ebb	Fine	Moderate	11:30	9	B	8	3																					NA	NA	NA	NA		
SR3	24/8/2017	Mid-Ebb	Fine	Moderate	11:50	8	S	1	1	7.86	7.86	20.57	20.57	26.62	26.62	98.9	98.9	6.83	6.83	6.82	1.6	1.6	1.2	0.20	0.21	0.26	0.008	0.008	0.010	NA	NA	NA	NA	NA	NA
SR3	24/8/2017	Mid-Ebb	Fine	Moderate	11:50	8	S	1	2	7.86		20.57		26.62		98.9		6.83			1.6			0.21			0.008			NA	NA	NA	NA		
SR3	24/8/2017	Mid-Ebb	Fine	Moderate	11:50	8	S	1	3																					NA	NA	NA	NA		
SR3	24/8/2017	Mid-Ebb	Fine	Moderate	11:50	8	M	4	1	7.89	7.89	20.65	20.65	26.60	26.60	98.7	98.4	6.80	6.80		1.0	1.0		0.31	0.30		0.013	0.012		NA	NA	NA	NA	NA	
SR3	24/8/2017	Mid-Ebb	Fine	Moderate	11:50	8	M	4	2	7.89		20.65		26.60		98.4		6.80			1.0			0.30			0.012			NA	NA	NA	NA		
SR3	24/8/2017	Mid-Ebb	Fine	Moderate	11:50	8	M	4	3																					NA	NA	NA	NA		
SR3	24/8/2017	Mid-Ebb	Fine	Moderate	11:50	8	B	7	1	7.90	7.90	21.07	21.07	26.46	26.46	96.9	96.9	6.69	6.69		0.9	0.9		0.25	0.26		0.010	0.011		NA	NA	NA	NA	NA	
SR3	24/8/2017	Mid-Ebb	Fine	Moderate	11:50	8	B	7	2	7.90		21.07		26.46		96.9		6.69			0.9			0.26			0.011			NA	NA	NA	NA		
SR3	24/8/2017	Mid-Ebb	Fine	Moderate	11:50	8	B	7	3																					NA	NA	NA	NA		

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR4	24/8/2017	Mid-Ebb	Fine	Moderate	12:05	4	S	1	1	7.88	7.88	21.13	21.13	28.79	28.79	111.2	111.2	7.64	7.64	7.64	0.7	0.7	1.1	0.12	0.12	0.12	0.006	0.006	0.006	NA	NA	NA	NA	NA	NA
SR4	24/8/2017	Mid-Ebb	Fine	Moderate	12:05	4	S	1	2	7.88		21.13		28.79		111.2		7.64			0.7			0.12			0.006			NA	NA	NA	NA		
SR4	24/8/2017	Mid-Ebb	Fine	Moderate	12:05	4	S	1	3																					NA	NA	NA	NA		
SR4	24/8/2017	Mid-Ebb	Fine	Moderate	12:05	4	M		1																					NA	NA	NA	NA		
SR4	24/8/2017	Mid-Ebb	Fine	Moderate	12:05	4	M		2		NA		NA		NA		NA		NA			NA			NA			NA			NA	NA	NA	NA	NA
SR4	24/8/2017	Mid-Ebb	Fine	Moderate	12:05	4	M		3																					NA	NA	NA	NA		
SR4	24/8/2017	Mid-Ebb	Fine	Moderate	12:05	4	B	3	1	7.93	7.94	21.15	21.15	28.80	28.80	111.5	111.5	7.65	7.65		1.4	1.4		0.12	0.12		0.006	0.006		NA	NA	NA	NA	NA	
SR4	24/8/2017	Mid-Ebb	Fine	Moderate	12:05	4	B	3	2	7.95		21.15		28.80		111.5		7.65			1.4			0.12			0.006			NA	NA	NA	NA		
SR4	24/8/2017	Mid-Ebb	Fine	Moderate	12:05	4	B	3	3																					NA	NA	NA	NA		
SR5	24/8/2017	Mid-Ebb	Fine	Moderate	11:10	11	S	1	1	7.89	7.89	27.46	27.46	26.34	26.34	103.5	103.5	7.19	7.19	7.16	0.5	0.5	0.5	NA	NA	NA	NA	NA	NA	0.10	0.34	0.05	0.49	0.50	0.50
SR5	24/8/2017	Mid-Ebb	Fine	Moderate	11:10	11	S	1	2	7.89		27.46		26.34		103.5		7.19			0.5			NA			NA			0.10	0.35	0.05	0.50		
SR5	24/8/2017	Mid-Ebb	Fine	Moderate	11:10	11	S	1	3																					0.10	0.35	0.05	0.50		
SR5	24/8/2017	Mid-Ebb	Fine	Moderate	11:10	11	M	5.5	1	7.90	7.90	27.78	27.78	27.23	27.23	101.5	101.5	7.12	7.12		0.6	0.6		NA	NA		NA	NA		0.10	0.35	0.05	0.50		
SR5	24/8/2017	Mid-Ebb	Fine	Moderate	11:10	11	M	5.5	2	7.90		27.78		27.23		101.5		7.12			0.6			NA			NA			0.10	0.35	0.05	0.50	0.50	0.50
SR5	24/8/2017	Mid-Ebb	Fine	Moderate	11:10	11	M	5.5	3																					0.10	0.35	0.05	0.50		
SR5	24/8/2017	Mid-Ebb	Fine	Moderate	11:10	11	B	10	1	7.85	7.85	28.76	28.76	27.83	27.83	93.0	93.0	6.43	6.43		0.5	0.5		NA	NA		NA	NA		0.10	0.35	0.05	0.50	0.49	
SR5	24/8/2017	Mid-Ebb	Fine	Moderate	11:10	11	B	10	2	7.85		28.76		27.83		93.0		6.43			0.5			NA			NA			0.10	0.35	0.05	0.50		
SR5	24/8/2017	Mid-Ebb	Fine	Moderate	11:10	11	B	10	3																					0.10	0.33	0.05	0.48		
SR12	24/8/2017	Mid-Ebb	Fine	Moderate	12:20	15	S	1	1	7.91	7.91	21.93	####	26.52	26.52	108.0	108.0	7.43	7.43	7.06	1.0	1.0	1.4	0.16	0.16	0.17	0.003	0.003	0.006	NA	NA	NA	NA	NA	NA
SR12	24/8/2017	Mid-Ebb	Fine	Moderate	12:20	15	S	1	2	7.91		####		26.52		108.0		7.43			1.0			0.15			0.003			NA	NA	NA	NA		
SR12	24/8/2017	Mid-Ebb	Fine	Moderate	12:20	15	S	1	3																					NA	NA	NA	NA		
SR12	24/8/2017	Mid-Ebb	Fine	Moderate	12:20	15	M	7.5	1	7.90	7.90	23.29	23.29	27.93	27.93	97.0	97.0	6.69	6.69		1.7	1.7		0.20	0.20		0.009	0.009		NA	NA	NA	NA	NA	NA
SR12	24/8/2017	Mid-Ebb	Fine	Moderate	12:20	15	M	7.5	2	7.90		23.29		27.93		97.0		6.69			1.7			0.20			0.009			NA	NA	NA	NA		
SR12	24/8/2017	Mid-Ebb	Fine	Moderate	12:20	15	M	7.5	3																					NA	NA	NA	NA		
SR12	24/8/2017	Mid-Ebb	Fine	Moderate	12:20	15	B	14	1	7.88	7.88	23.33	23.33	26.80	26.80	93.7	93.7	6.46	6.46		1.5	1.5		0.15	0.16		0.006	0.006		NA	NA	NA	NA	NA	
SR12	24/8/2017	Mid-Ebb	Fine	Moderate	12:20	15	B	14	2	7.88		23.33		26.80		93.7		6.46			1.5			0.16			0.006			NA	NA	NA	NA		
SR12	24/8/2017	Mid-Ebb	Fine	Moderate	12:20	15	B	14	3																					NA	NA	NA	NA		
SR13	24/8/2017	Mid-Ebb	Fine	Moderate	12:30	14	S	1	1	7.87	7.87	28.21	28.21	26.32	26.32	99.2	99.2	6.93	6.93	6.92	1.4	1.4	1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	24/8/2017	Mid-Ebb	Fine	Moderate	12:30	14	S	1	2	7.87		28.21		26.32		99.2		6.93			1.4			NA			NA			NA	NA	NA	NA		
SR13	24/8/2017	Mid-Ebb	Fine	Moderate	12:30	14	S	1	3																					NA	NA	NA	NA		
SR13	24/8/2017	Mid-Ebb	Fine	Moderate	12:30	14	M	7	1	7.87	7.87	28.42	28.42	26.17	26.17	98.0	98.0	6.90	6.90		1.7	1.7		NA	NA		NA	NA		NA	NA	NA	NA	NA	NA
SR13	24/8/2017	Mid-Ebb	Fine	Moderate	12:30	14	M	7	2	7.87		28.42		26.17		98.0		6.90			1.7			NA			NA			NA	NA	NA	NA		
SR13	24/8/2017	Mid-Ebb	Fine	Moderate	12:30	14	M	7	3																					NA	NA	NA	NA		
SR13	24/8/2017	Mid-Ebb	Fine	Moderate	12:30	14	B	13	1	7.89	7.89	27.42	27.42	26.92	26.92	98.2	98.2	6.82	6.82		1.3	1.3		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	24/8/2017	Mid-Ebb	Fine	Moderate	12:30	14	B	13	2	7.89		27.42		26.92		98.2		6.82			1.3			NA			NA			NA	NA	NA	NA		
SR13	24/8/2017	Mid-Ebb	Fine	Moderate	12:30	14	B	13	3																					NA	NA	NA	NA		

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																								
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
C1A	24/8/2017	Mid-Ebb	Fine	Moderate	11:00	28	S	1	1	7	8	8	0.22	0.23	0.21	0.008	0.008	0.008	0.22	0.43	0.06	0.71	0.70	0.70	150	169	287	NA	NA	NA	1	1	1
C1A	24/8/2017	Mid-Ebb	Fine	Moderate	11:00	28	S	1	2	8			0.23			0.009			0.23	0.42	0.06	0.71			190			NA			1		
C1A	24/8/2017	Mid-Ebb	Fine	Moderate	11:00	28	S	1	3										0.21	0.42	0.06	0.69											
C1A	24/8/2017	Mid-Ebb	Fine	Moderate	11:00	28	M	14	1	7	8		0.19	0.20		0.007	0.007		0.19	0.43	0.06	0.68	0.70		450	502		NA	NA		1	2	
C1A	24/8/2017	Mid-Ebb	Fine	Moderate	11:00	28	M	14	2	9			0.20			0.007			0.20	0.43	0.06	0.69			560			NA			2		
C1A	24/8/2017	Mid-Ebb	Fine	Moderate	11:00	28	M	14	3										0.24	0.43	0.06	0.73											
C1A	24/8/2017	Mid-Ebb	Fine	Moderate	11:00	28	B	27	1	10	9		0.23	0.22		0.009	0.008		0.23	0.42	0.06	0.71	0.69		230	280		NA	NA		1	1	
C1A	24/8/2017	Mid-Ebb	Fine	Moderate	11:00	28	B	27	2	8			0.20			0.008			0.20	0.43	0.06	0.69			340			NA			1		
C1A	24/8/2017	Mid-Ebb	Fine	Moderate	11:00	28	B	27	3										0.18	0.43	0.06	0.67											
C2A	24/8/2017	Mid-Ebb	Fine	Moderate	12:50	13	S	1	1	7	8	9	0.40	0.32	0.64	0.016	0.012	0.025	0.40	0.23	0.04	0.67	0.63	0.91	2700	3030	4969	NA	NA	NA	1	1	1
C2A	24/8/2017	Mid-Ebb	Fine	Moderate	12:50	13	S	1	2	9			0.32			0.012			0.32	0.23	0.04	0.59			3400			NA			1		
C2A	24/8/2017	Mid-Ebb	Fine	Moderate	12:50	13	S	1	3										0.35	0.23	0.04	0.62											
C2A	24/8/2017	Mid-Ebb	Fine	Moderate	12:50	13	M	6.5	1	7	8		0.77	0.87		0.030	0.033		0.77	0.22	0.04	1.03	1.06		5200	6300		NA	NA		1	2	
C2A	24/8/2017	Mid-Ebb	Fine	Moderate	12:50	13	M	6.5	2	8			0.87			0.033			0.87	0.22	0.04	1.13			6300			NA			2		
C2A	24/8/2017	Mid-Ebb	Fine	Moderate	12:50	13	M	6.5	3										0.79	0.20	0.04	1.03											
C2A	24/8/2017	Mid-Ebb	Fine	Moderate	12:50	13	B	12	1	11	11		0.75	0.75		0.030	0.030		0.75	0.22	0.04	1.01	1.04		7700	7075		NA	NA		1	2	
C2A	24/8/2017	Mid-Ebb	Fine	Moderate	12:50	13	B	12	2	11			0.75			0.030			0.75	0.22	0.04	1.01			6500			NA			2		
C2A	24/8/2017	Mid-Ebb	Fine	Moderate	12:50	13	B	12	3										0.83	0.22	0.04	1.09											
G2	24/8/2017	Mid-Ebb	Fine	Moderate	11:40	12	S	1	1	7	7	7	NA	NA	NA	NA	NA	NA	0.16	0.45	0.05	0.66	0.68	0.66	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	24/8/2017	Mid-Ebb	Fine	Moderate	11:40	12	S	1	2	7			NA			NA			0.21	0.45	0.05	0.71			NA			NA			NA		
G2	24/8/2017	Mid-Ebb	Fine	Moderate	11:40	12	S	1	3										0.16	0.45	0.05	0.66											
G2	24/8/2017	Mid-Ebb	Fine	Moderate	11:40	12	M	6	1	7	7		NA	NA		NA	NA		0.10	0.43	0.06	0.59	0.64		NA	NA		NA	NA		NA	NA	
G2	24/8/2017	Mid-Ebb	Fine	Moderate	11:40	12	M	6	2	7			NA			NA			0.25	0.45	0.05	0.75			NA			NA			NA		
G2	24/8/2017	Mid-Ebb	Fine	Moderate	11:40	12	M	6	3										0.08	0.45	0.05	0.58											
G2	24/8/2017	Mid-Ebb	Fine	Moderate	11:40	12	B	11	1	7	7		NA	NA		NA	NA		0.13	0.44	0.06	0.63	0.66		NA	NA		NA	NA		NA	NA	
G2	24/8/2017	Mid-Ebb	Fine	Moderate	11:40	12	B	11	2	6			NA			NA			0.16	0.44	0.05	0.65			NA			NA			NA		
G2	24/8/2017	Mid-Ebb	Fine	Moderate	11:40	12	B	11	3										0.21	0.45	0.05	0.71											
SR2	24/8/2017	Mid-Ebb	Fine	Moderate	11:30	9	S	1	1	6	6	6	0.07	0.10	0.09	0.003	0.004	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	24/8/2017	Mid-Ebb	Fine	Moderate	11:30	9	S	1	2	6			0.10			0.004			NA	NA	NA	NA			NA			NA			NA		
SR2	24/8/2017	Mid-Ebb	Fine	Moderate	11:30	9	S	1	3										NA	NA	NA	NA											
SR2	24/8/2017	Mid-Ebb	Fine	Moderate	11:30	9	M	4.5	1	7	7		0.07	0.13		0.003	0.006		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	24/8/2017	Mid-Ebb	Fine	Moderate	11:30	9	M	4.5	2	6			0.13			0.006			NA	NA	NA	NA			NA			NA			NA		
SR2	24/8/2017	Mid-Ebb	Fine	Moderate	11:30	9	M	4.5	3										NA	NA	NA	NA											
SR2	24/8/2017	Mid-Ebb	Fine	Moderate	11:30	9	B	8	1	6	6		0.11	0.07		0.005	0.003		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	24/8/2017	Mid-Ebb	Fine	Moderate	11:30	9	B	8	2	6			0.07			0.003			NA	NA	NA	NA			NA			NA			NA		
SR2	24/8/2017	Mid-Ebb	Fine	Moderate	11:30	9	B	8	3										NA	NA	NA	NA											
SR3	24/8/2017	Mid-Ebb	Fine	Moderate	11:50	8	S	1	1	4	4	6	0.26	0.10	0.25	0.010	0.004	0.010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	24/8/2017	Mid-Ebb	Fine	Moderate	11:50	8	S	1	2	4			0.10			0.004			NA	NA	NA	NA			NA			NA			NA		
SR3	24/8/2017	Mid-Ebb	Fine	Moderate	11:50	8	S	1	3										NA	NA	NA	NA											
SR3	24/8/2017	Mid-Ebb	Fine	Moderate	11:50	8	M	4	1	6	6		0.38	0.30		0.016	0.012		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	24/8/2017	Mid-Ebb	Fine	Moderate	11:50	8	M	4	2	5			0.30			0.012			NA	NA	NA	NA			NA			NA			NA		
SR3	24/8/2017	Mid-Ebb	Fine	Moderate	11:50	8	M	4	3										NA	NA	NA	NA											
SR3	24/8/2017	Mid-Ebb	Fine	Moderate	11:50	8	B	7	1	7	8		0.19	0.26		0.008	0.011		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	24/8/2017	Mid-Ebb	Fine	Moderate	11:50	8	B	7	2	8			0.26			0.011			NA	NA	NA	NA			NA			NA			NA		
SR3	24/8/2017	Mid-Ebb	Fine	Moderate	11:50	8	B	7	3										NA	NA	NA	NA											

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
SR4	24/8/2017	Mid-Ebb	Fine	Moderate	12:05	4	S	1	1	8	9	9	0.12	0.12	0.13	0.006	0.006	0.006	NA	NA	NA	NA	NA	NA	210	259	281	NA	NA	NA	<1	1	1
SR4	24/8/2017	Mid-Ebb	Fine	Moderate	12:05	4	S	1	2	9			0.12			0.006			NA	NA	NA	NA			320			NA			1		
SR4	24/8/2017	Mid-Ebb	Fine	Moderate	12:05	4	S	1	3										NA	NA	NA	NA											
SR4	24/8/2017	Mid-Ebb	Fine	Moderate	12:05	4	M		1		NA			NA			NA		NA	NA	NA	NA	NA			NA		NA	NA				
SR4	24/8/2017	Mid-Ebb	Fine	Moderate	12:05	4	M		2										NA	NA	NA	NA											
SR4	24/8/2017	Mid-Ebb	Fine	Moderate	12:05	4	M		3										NA	NA	NA	NA											
SR4	24/8/2017	Mid-Ebb	Fine	Moderate	12:05	4	B	3	1	8	9		0.14	0.13		0.007	0.007		NA	NA	NA	NA	NA		330	304		NA	NA		1	1	
SR4	24/8/2017	Mid-Ebb	Fine	Moderate	12:05	4	B	3	2	9			0.12			0.006			NA	NA	NA	NA			280			NA			1		
SR4	24/8/2017	Mid-Ebb	Fine	Moderate	12:05	4	B	3	3										NA	NA	NA	NA											
SR5	24/8/2017	Mid-Ebb	Fine	Moderate	11:10	11	S	1	1	10	10	10	NA	NA	NA	NA	NA	NA	0.08	0.34	0.05	0.47	0.51	0.51	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	24/8/2017	Mid-Ebb	Fine	Moderate	11:10	11	S	1	2	10			NA			NA			0.17	0.35	0.05	0.57			NA			NA			NA		
SR5	24/8/2017	Mid-Ebb	Fine	Moderate	11:10	11	S	1	3										0.09	0.35	0.05	0.49											
SR5	24/8/2017	Mid-Ebb	Fine	Moderate	11:10	11	M	5.5	1	9	9	10	NA	NA	NA	NA	NA	NA	0.10	0.35	0.05	0.50	0.50	0.50	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	24/8/2017	Mid-Ebb	Fine	Moderate	11:10	11	M	5.5	2	8			NA			NA			0.09	0.35	0.05	0.49			NA			NA			NA		
SR5	24/8/2017	Mid-Ebb	Fine	Moderate	11:10	11	M	5.5	3										0.10	0.35	0.05	0.50											
SR5	24/8/2017	Mid-Ebb	Fine	Moderate	11:10	11	B	10	1	10	10		NA	NA		NA	NA		0.10	0.35	0.05	0.50	0.49		NA	NA		NA	NA		NA	NA	
SR5	24/8/2017	Mid-Ebb	Fine	Moderate	11:10	11	B	10	2	10			NA			NA			0.10	0.35	0.05	0.50			NA			NA			NA		
SR5	24/8/2017	Mid-Ebb	Fine	Moderate	11:10	11	B	10	3										0.08	0.33	0.05	0.46											
SR12	24/8/2017	Mid-Ebb	Fine	Moderate	12:20	15	S	1	1	10	10	8	0.16	0.15	0.16	0.003	0.003	0.006	NA	NA	NA	NA	NA	NA	1500	1449	473	NA	NA	NA	1	2	2
SR12	24/8/2017	Mid-Ebb	Fine	Moderate	12:20	15	S	1	2	9			0.14			0.003			NA	NA	NA	NA			1400			NA			2		
SR12	24/8/2017	Mid-Ebb	Fine	Moderate	12:20	15	S	1	3										NA	NA	NA	NA											
SR12	24/8/2017	Mid-Ebb	Fine	Moderate	12:20	15	M	7.5	1	8	8		0.18	0.19		0.008	0.009		NA	NA	NA	NA	NA		230	254		NA	NA		2	2	
SR12	24/8/2017	Mid-Ebb	Fine	Moderate	12:20	15	M	7.5	2	7			0.20			0.009			NA	NA	NA	NA			280			NA			2		
SR12	24/8/2017	Mid-Ebb	Fine	Moderate	12:20	15	M	7.5	3										NA	NA	NA	NA											
SR12	24/8/2017	Mid-Ebb	Fine	Moderate	12:20	15	B	14	1	8	8		0.19	0.15		0.008	0.006		NA	NA	NA	NA	NA		320	288		NA	NA		2	2	
SR12	24/8/2017	Mid-Ebb	Fine	Moderate	12:20	15	B	14	2	8			0.11			0.004			NA	NA	NA	NA			260			NA			2		
SR12	24/8/2017	Mid-Ebb	Fine	Moderate	12:20	15	B	14	3										NA	NA	NA	NA											
SR13	24/8/2017	Mid-Ebb	Fine	Moderate	12:30	14	S	1	1	8	8	8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	24/8/2017	Mid-Ebb	Fine	Moderate	12:30	14	S	1	2	8			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	24/8/2017	Mid-Ebb	Fine	Moderate	12:30	14	S	1	3										NA	NA	NA	NA											
SR13	24/8/2017	Mid-Ebb	Fine	Moderate	12:30	14	M	7	1	8	8		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	24/8/2017	Mid-Ebb	Fine	Moderate	12:30	14	M	7	2	8			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	24/8/2017	Mid-Ebb	Fine	Moderate	12:30	14	M	7	3										NA	NA	NA	NA											
SR13	24/8/2017	Mid-Ebb	Fine	Moderate	12:30	14	B	13	1	7	8		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	24/8/2017	Mid-Ebb	Fine	Moderate	12:30	14	B	13	2	9			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	24/8/2017	Mid-Ebb	Fine	Moderate	12:30	14	B	13	3										NA	NA	NA	NA											

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
C1A	26/8/2017	Mid-Flood	Fine	Moderate	11:50	28	S	1	1	7.60	7.61	25.92	25.92	26.99	26.98	69.7	69.8	4.79	4.79	4.70	2.3	2.3	2.3	0.15	0.15	0.13	0.003	0.003	0.003	0.15	0.63	0.09	0.87	0.88	0.88
C1A	26/8/2017	Mid-Flood	Fine	Moderate	11:50	28	S	1	2	7.62		25.91		26.97		69.9		4.78			2.2			0.15			0.003			0.15	0.66	0.07	0.88		
C1A	26/8/2017	Mid-Flood	Fine	Moderate	11:50	28	S	1	3																					0.15	0.65	0.10	0.90		
C1A	26/8/2017	Mid-Flood	Fine	Moderate	11:50	28	M	14	1	7.70	7.71	27.78	27.77	26.37	26.38	68.0	68.1	4.60	4.62		2.1	2.1		0.20	0.20		0.005	0.005		0.20	0.66	0.10	0.96	0.95	
C1A	26/8/2017	Mid-Flood	Fine	Moderate	11:50	28	M	14	2	7.71		27.75		26.38		68.2		4.63			2.0			0.20			0.005			0.20	0.65	0.08	0.93		
C1A	26/8/2017	Mid-Flood	Fine	Moderate	11:50	28	M	14	3																					0.20	0.66	0.10	0.96		
C1A	26/8/2017	Mid-Flood	Fine	Moderate	11:50	28	B	27	1	7.78	7.78	29.62	29.63	25.95	25.95	65.9	65.8	4.41	4.44		2.4	2.5		0.05	0.05		0.001	0.001		0.05	0.65	0.13	0.83	0.80	
C1A	26/8/2017	Mid-Flood	Fine	Moderate	11:50	28	B	27	2	7.77		29.63		25.94		65.6		4.46			2.5			0.05			0.001			0.05	0.66	0.10	0.81		
C1A	26/8/2017	Mid-Flood	Fine	Moderate	11:50	28	B	27	3																					0.05	0.64	0.08	0.77		
C2A	26/8/2017	Mid-Flood	Fine	Moderate	9:12	14	S	1	1	7.78	7.78	29.31	29.33	29.62	29.62	75.0	75.1	5.12	5.12	4.96	2.2	2.2	2.2	0.15	0.15	0.37	0.006	0.006	0.015	0.15	0.30	0.05	0.50	0.51	0.74
C2A	26/8/2017	Mid-Flood	Fine	Moderate	9:12	14	S	1	2	7.78		29.35		29.61		75.2		5.11			2.1			0.15			0.006			0.15	0.32	0.05	0.52		
C2A	26/8/2017	Mid-Flood	Fine	Moderate	9:12	14	S	1	3																					0.15	0.32	0.05	0.52		
C2A	26/8/2017	Mid-Flood	Fine	Moderate	9:12	14	M	7	1	7.82	7.82	29.02	29.04	29.91	29.91	70.1	70.2	4.80	4.81		2.6	2.7		0.50	0.50		0.020	0.020		0.50	0.32	0.05	0.87	0.87	
C2A	26/8/2017	Mid-Flood	Fine	Moderate	9:12	14	M	7	2	7.81		29.05		29.90		70.3		4.82			2.8			0.50			0.020			0.50	0.32	0.05	0.87		
C2A	26/8/2017	Mid-Flood	Fine	Moderate	9:12	14	M	7	3																					0.50	0.33	0.05	0.88		
C2A	26/8/2017	Mid-Flood	Fine	Moderate	9:12	14	B	13	1	7.87	7.88	28.67	28.66	29.32	29.33	63.8	63.9	4.55	4.56		1.8	1.9		0.45	0.45		0.020	0.020		0.45	0.33	0.05	0.83	0.82	
C2A	26/8/2017	Mid-Flood	Fine	Moderate	9:12	14	B	13	2	7.88		28.65		29.34		63.9		4.56			1.9			0.45			0.020			0.45	0.32	0.04	0.81		
C2A	26/8/2017	Mid-Flood	Fine	Moderate	9:12	14	B	13	3																					0.45	0.33	0.05	0.83		
G2	26/8/2017	Mid-Flood	Fine	Moderate	10:49	12	S	1	1	7.48	7.48	26.14	26.14	27.02	27.03	74.3	74.4	5.11	5.12	4.99	1.3	1.4	1.5	NA	NA	NA	NA	NA	NA	0.05	0.63	0.11	0.79	0.79	0.81
G2	26/8/2017	Mid-Flood	Fine	Moderate	10:49	12	S	1	2	7.48		26.14		27.03		74.5		5.12			1.4			NA			NA			0.05	0.63	0.12	0.80		
G2	26/8/2017	Mid-Flood	Fine	Moderate	10:49	12	S	1	3																					0.05	0.64	0.10	0.79		
G2	26/8/2017	Mid-Flood	Fine	Moderate	10:49	12	M	6	1	7.67	7.66	27.38	27.38	26.57	26.58	71.1	71.1	4.89	4.87		1.8	1.8		NA	NA		NA	NA		0.05	0.64	0.10	0.79		
G2	26/8/2017	Mid-Flood	Fine	Moderate	10:49	12	M	6	2	7.65		27.38		26.58		71.0		4.85			1.7			NA			NA			0.05	0.63	0.11	0.79		
G2	26/8/2017	Mid-Flood	Fine	Moderate	10:49	12	M	6	3																					0.05	0.63	0.12	0.80		
G2	26/8/2017	Mid-Flood	Fine	Moderate	10:49	12	B	11	1	7.73	7.74	27.85	27.84	26.28	26.29	68.5	68.4	4.33	4.32		1.5	1.5		NA	NA		NA	NA		0.10	0.63	0.10	0.83	0.83	
G2	26/8/2017	Mid-Flood	Fine	Moderate	10:49	12	B	11	2	7.75		27.82		26.29		68.2		4.31			1.4			NA			NA			0.10	0.63	0.10	0.83		
G2	26/8/2017	Mid-Flood	Fine	Moderate	10:49	12	B	11	3																					0.10	0.63	0.11	0.84		
SR2	26/8/2017	Mid-Flood	Fine	Moderate	11:07	9	S	1	1	7.66	7.66	25.64	25.66	27.17	27.17	74.2	74.1	5.11	5.13	4.98	1.6	1.7	1.3	0.09	0.09	0.09	0.002	0.002	0.002	NA	NA	NA	NA	NA	NA
SR2	26/8/2017	Mid-Flood	Fine	Moderate	11:07	9	S	1	2	7.65		25.67		27.16		74.0		5.14			1.7			0.09			0.002			NA	NA	NA	NA		
SR2	26/8/2017	Mid-Flood	Fine	Moderate	11:07	9	S	1	3																					NA	NA	NA	NA		
SR2	26/8/2017	Mid-Flood	Fine	Moderate	11:07	9	M	4	1	7.70	7.71	27.58	27.59	26.30	26.31	70.4	70.5	4.85	4.84		1.1	1.2		0.10	0.10		0.003	0.003		NA	NA	NA	NA	NA	NA
SR2	26/8/2017	Mid-Flood	Fine	Moderate	11:07	9	M	4	2	7.71		27.59		26.32		70.5		4.83			1.3			0.10			0.003			NA	NA	NA	NA		
SR2	26/8/2017	Mid-Flood	Fine	Moderate	11:07	9	M	4	3																					NA	NA	NA	NA		
SR2	26/8/2017	Mid-Flood	Fine	Moderate	11:07	9	B	8	1	7.75	7.75	28.91	28.90	26.01	26.00	67.5	67.6	4.51	4.51		1.0	1.1		0.07	0.07		0.002	0.002		NA	NA	NA	NA	NA	
SR2	26/8/2017	Mid-Flood	Fine	Moderate	11:07	9	B	8	2	7.75		28.90		26.00		67.6		4.50			1.1			0.07			0.002			NA	NA	NA	NA		
SR2	26/8/2017	Mid-Flood	Fine	Moderate	11:07	9	B	8	3																					NA	NA	NA	NA		
SR3	26/8/2017	Mid-Flood	Fine	Moderate	10:33	8	S	1	1	7.59	7.59	25.64	25.63	27.14	27.15	75.3	75.4	5.18	5.19	5.06	2.1	2.0	1.7	0.10	0.10	0.08	0.002	0.002	0.002	NA	NA	NA	NA	NA	NA
SR3	26/8/2017	Mid-Flood	Fine	Moderate	10:33	8	S	1	2	7.58		25.62		27.16		75.5		5.20			1.9			0.10			0.002			NA	NA	NA	NA		
SR3	26/8/2017	Mid-Flood	Fine	Moderate	10:33	8	S	1	3																					NA	NA	NA	NA		
SR3	26/8/2017	Mid-Flood	Fine	Moderate	10:33	8	M	4	1	7.67	7.68	26.99	26.98	26.73	26.73	71.5	71.7	4.91	4.92		1.8	1.8		0.05	0.05		0.001	0.001		NA	NA	NA	NA	NA	NA
SR3	26/8/2017	Mid-Flood	Fine	Moderate	10:33	8	M	4	2	7.68		26.97		26.72		71.8		4.93			1.7			0.05			0.001			NA	NA	NA	NA		
SR3	26/8/2017	Mid-Flood	Fine	Moderate	10:33	8	M	4	3																					NA	NA	NA	NA		
SR3	26/8/2017	Mid-Flood	Fine	Moderate	10:33	8	B	7	1	7.72	7.71	27.82	27.83	26.12	26.12	68.9	68.7	4.52	4.52		1.3	1.4		0.10	0.10		0.003	0.003		NA	NA	NA	NA	NA	
SR3	26/8/2017	Mid-Flood	Fine	Moderate	10:33	8	B	7	2	7.70		27.83		26.11		68.5		4.51			1.4			0.10			0.003			NA	NA	NA	NA		
SR3	26/8/2017	Mid-Flood	Fine	Moderate	10:33	8	B	7	3																					NA	NA	NA	NA		

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR4	26/8/2017	Mid-Flood	Fine	Moderate	10:18	4	S	1	1	7.54	7.55	25.92	25.92	27.16	27.15	73.8	73.9	5.05	5.06	5.06	2.4	2.4	2.5	0.10	0.10	0.15	0.002	0.002	0.003	NA	NA	NA	NA	NA	NA
SR4	26/8/2017	Mid-Flood	Fine	Moderate	10:18	4	S	1	2	7.55		25.91		27.13		73.9		5.07			2.3			0.10			0.002			NA	NA	NA	NA		
SR4	26/8/2017	Mid-Flood	Fine	Moderate	10:18	4	S	1	3																					NA	NA	NA	NA		
SR4	26/8/2017	Mid-Flood	Fine	Moderate	10:18	4	M		1																					NA	NA	NA	NA		
SR4	26/8/2017	Mid-Flood	Fine	Moderate	10:18	4	M		2		NA		NA		NA		NA		NA			NA			NA			NA		NA	NA	NA	NA	NA	
SR4	26/8/2017	Mid-Flood	Fine	Moderate	10:18	4	M		3																					NA	NA	NA	NA		
SR4	26/8/2017	Mid-Flood	Fine	Moderate	10:18	4	B	3	1	7.66	7.67	26.99	26.99	26.63	26.63	70.0	70.1	4.80	4.81		2.6	2.7		0.21	0.21		0.005	0.005		NA	NA	NA	NA	NA	
SR4	26/8/2017	Mid-Flood	Fine	Moderate	10:18	4	B	3	2	7.68		26.98		26.62		70.2		4.82			2.8			0.20			0.005			NA	NA	NA	NA		
SR4	26/8/2017	Mid-Flood	Fine	Moderate	10:18	4	B	3	3																					NA	NA	NA	NA		
SR5	26/8/2017	Mid-Flood	Fine	Moderate	11:26	11	S	1	1	7.62	7.62	25.81	25.82	27.05	27.04	74.2	74.2	5.11	5.11	5.07	2.2	2.2	1.8	NA	NA	NA	NA	NA	NA	0.10	0.57	0.08	0.75	0.75	0.76
SR5	26/8/2017	Mid-Flood	Fine	Moderate	11:26	11	S	1	2	7.61		25.83		27.03		74.2		5.11			2.1			NA			NA			0.10	0.57	0.08	0.75		
SR5	26/8/2017	Mid-Flood	Fine	Moderate	11:26	11	S	1	3																					0.10	0.58	0.08	0.76		
SR5	26/8/2017	Mid-Flood	Fine	Moderate	11:26	11	M	6	1	7.71	7.72	26.00	26.01	26.65	26.64	71.5	71.6	5.02	5.03		1.9	1.9		NA	NA		NA	NA		0.10	0.58	0.08	0.76	0.75	
SR5	26/8/2017	Mid-Flood	Fine	Moderate	11:26	11	M	6	2	7.72		26.02		26.62		71.6		5.03			1.8			NA			NA			0.10	0.57	0.08	0.75		
SR5	26/8/2017	Mid-Flood	Fine	Moderate	11:26	11	M	6	3																					0.10	0.57	0.08	0.75		
SR5	26/8/2017	Mid-Flood	Fine	Moderate	11:26	11	B	9	1	7.81	7.81	26.91	26.91	26.01	26.02	64.1	64.2	4.58	4.57		1.5	1.4		NA	NA		NA	NA		0.10	0.58	0.08	0.76	0.76	
SR5	26/8/2017	Mid-Flood	Fine	Moderate	11:26	11	B	9	2	7.80		26.90		26.03		64.3		4.56			1.3			NA			NA			0.10	0.58	0.08	0.76		
SR5	26/8/2017	Mid-Flood	Fine	Moderate	11:26	11	B	9	3																					0.10	0.58	0.08	0.76		
SR12	26/8/2017	Mid-Flood	Fine	Moderate	9:57	15	S	1	1	7.69	7.69	28.91	28.91	26.36	26.37	67.4	67.5	4.62	4.64	4.58	2.7	2.8	3.0	0.35	0.36	0.28	0.008	0.009	0.007	NA	NA	NA	NA	NA	NA
SR12	26/8/2017	Mid-Flood	Fine	Moderate	9:57	15	S	1	2	7.68		28.90		26.38		67.5		4.65			2.9			0.36			0.009			NA	NA	NA	NA		
SR12	26/8/2017	Mid-Flood	Fine	Moderate	9:57	15	S	1	3																					NA	NA	NA	NA		
SR12	26/8/2017	Mid-Flood	Fine	Moderate	9:57	15	M	7	1	7.75	7.75	29.70	29.71	26.03	26.04	66.1	66.2	4.53	4.52		3.2	3.3		0.33	0.33		0.009	0.009		NA	NA	NA	NA	NA	NA
SR12	26/8/2017	Mid-Flood	Fine	Moderate	9:57	15	M	7	2	7.75		29.72		26.05		66.3		4.51			3.4			0.32			0.009			NA	NA	NA	NA		
SR12	26/8/2017	Mid-Flood	Fine	Moderate	9:57	15	M	7	3																					NA	NA	NA	NA		
SR12	26/8/2017	Mid-Flood	Fine	Moderate	9:57	15	B	14	1	7.78	7.79	30.52	30.54	25.71	25.71	65.0	64.9	4.22	4.21		2.9	3.0		0.14	0.15		0.004	0.004		NA	NA	NA	NA	NA	
SR12	26/8/2017	Mid-Flood	Fine	Moderate	9:57	15	B	14	2	7.79		30.55		25.70		64.8		4.20			3.0			0.15			0.004			NA	NA	NA	NA		
SR12	26/8/2017	Mid-Flood	Fine	Moderate	9:57	15	B	14	3																					NA	NA	NA	NA		
SR13	26/8/2017	Mid-Flood	Fine	Moderate	9:30	14	S	1	1	7.66	7.66	29.30	29.29	26.24	26.25	67.8	67.9	4.64	4.63	4.59	2.4	2.5	2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	26/8/2017	Mid-Flood	Fine	Moderate	9:30	14	S	1	2	7.65		29.28		26.25		67.9		4.62			2.5			NA			NA			NA	NA	NA	NA		
SR13	26/8/2017	Mid-Flood	Fine	Moderate	9:30	14	S	1	3																					NA	NA	NA	NA		
SR13	26/8/2017	Mid-Flood	Fine	Moderate	9:30	14	M	7	1	7.76	7.76	29.62	29.63	26.11	26.11	66.4	66.5	4.55	4.56		2.7	2.8		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	26/8/2017	Mid-Flood	Fine	Moderate	9:30	14	M	7	2	7.75		29.64		26.10		66.5		4.56			2.9			NA			NA			NA	NA	NA	NA		
SR13	26/8/2017	Mid-Flood	Fine	Moderate	9:30	14	M	7	3																					NA	NA	NA	NA		
SR13	26/8/2017	Mid-Flood	Fine	Moderate	9:30	14	B	13	1	7.83	7.82	29.98	29.98	26.01	26.01	61.7	61.6	4.39	4.40		2.3	2.3		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	26/8/2017	Mid-Flood	Fine	Moderate	9:30	14	B	13	2	7.81		29.97		26.00		61.5		4.41			2.2			NA			NA			NA	NA	NA	NA		
SR13	26/8/2017	Mid-Flood	Fine	Moderate	9:30	14	B	13	3																					NA	NA	NA	NA		

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																								
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
C1A	26/8/2017	Mid-Flood	Fine	Moderate	11:50	28	S	1	1	8	8	8	0.17	0.14	0.12	0.004	0.003	0.003	0.17	0.63	0.09	0.89	0.90	0.89	9	10	11	NA	NA	NA	<1	1	1
C1A	26/8/2017	Mid-Flood	Fine	Moderate	11:50	28	S	1	2	8			0.10			0.002			0.10	0.66	0.07	0.83			11			NA			<1		
C1A	26/8/2017	Mid-Flood	Fine	Moderate	11:50	28	S	1	3										0.22	0.65	0.10	0.97											
C1A	26/8/2017	Mid-Flood	Fine	Moderate	11:50	28	M	14	1	7			0.14			0.004			0.14	0.66	0.10	0.90			8			NA			<1		
C1A	26/8/2017	Mid-Flood	Fine	Moderate	11:50	28	M	14	2	8			0.21			0.005			0.21	0.65	0.08	0.94			12			NA			<1		
C1A	26/8/2017	Mid-Flood	Fine	Moderate	11:50	28	M	14	3										0.21	0.66	0.10	0.97											
C1A	26/8/2017	Mid-Flood	Fine	Moderate	11:50	28	B	27	1	7			0.03			0.001			0.03	0.65	0.13	0.81			12			NA			<1		
C1A	26/8/2017	Mid-Flood	Fine	Moderate	11:50	28	B	27	2	9			0.06			0.002			0.06	0.66	0.10	0.82			16			NA			<1		
C1A	26/8/2017	Mid-Flood	Fine	Moderate	11:50	28	B	27	3										0.18	0.64	0.08	0.90											
C2A	26/8/2017	Mid-Flood	Fine	Moderate	9:12	14	S	1	1	6	6	6	0.12	0.15	0.36	0.004	0.005	0.015	0.12	0.30	0.05	0.47	0.55	0.76	24	24	18	NA	NA	NA	<1	1	1
C2A	26/8/2017	Mid-Flood	Fine	Moderate	9:12	14	S	1	2	5			0.17			0.006			0.17	0.32	0.05	0.54			25			NA			<1		
C2A	26/8/2017	Mid-Flood	Fine	Moderate	9:12	14	S	1	3										0.27	0.32	0.05	0.64											
C2A	26/8/2017	Mid-Flood	Fine	Moderate	9:12	14	M	7	1	7			0.53			0.022			0.53	0.32	0.05	0.90			13			NA			<1		
C2A	26/8/2017	Mid-Flood	Fine	Moderate	9:12	14	M	7	2	5			0.49			0.020			0.49	0.32	0.05	0.86			19			NA			<1		
C2A	26/8/2017	Mid-Flood	Fine	Moderate	9:12	14	M	7	3										0.55	0.33	0.05	0.93											
C2A	26/8/2017	Mid-Flood	Fine	Moderate	9:12	14	B	13	1	5			0.46			0.021			0.46	0.33	0.05	0.84			14			NA			<1		
C2A	26/8/2017	Mid-Flood	Fine	Moderate	9:12	14	B	13	2	6			0.41			0.018			0.41	0.32	0.04	0.77			18			NA			<1		
C2A	26/8/2017	Mid-Flood	Fine	Moderate	9:12	14	B	13	3										0.47	0.33	0.05	0.85											
G2	26/8/2017	Mid-Flood	Fine	Moderate	10:49	12	S	1	1	5	6	6	NA	NA	NA	NA	NA	NA	0.05	0.63	0.11	0.79	0.79	0.81	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	26/8/2017	Mid-Flood	Fine	Moderate	10:49	12	S	1	2	6			NA			NA			0.04	0.63	0.12	0.79			NA			NA			NA		
G2	26/8/2017	Mid-Flood	Fine	Moderate	10:49	12	S	1	3										0.06	0.64	0.10	0.80											
G2	26/8/2017	Mid-Flood	Fine	Moderate	10:49	12	M	6	1	5			NA			NA			0.09	0.64	0.10	0.83			NA			NA			NA		
G2	26/8/2017	Mid-Flood	Fine	Moderate	10:49	12	M	6	2	6			NA			NA			0.06	0.63	0.11	0.80			NA			NA			NA		
G2	26/8/2017	Mid-Flood	Fine	Moderate	10:49	12	M	6	3										0.04	0.63	0.12	0.79											
G2	26/8/2017	Mid-Flood	Fine	Moderate	10:49	12	B	11	1	8	7		NA	NA		NA	NA		0.16	0.63	0.10	0.89	0.83		NA	NA		NA	NA		NA	NA	
G2	26/8/2017	Mid-Flood	Fine	Moderate	10:49	12	B	11	2	6			NA			NA			0.08	0.63	0.10	0.81			NA			NA			NA		
G2	26/8/2017	Mid-Flood	Fine	Moderate	10:49	12	B	11	3										0.06	0.63	0.11	0.80											
SR2	26/8/2017	Mid-Flood	Fine	Moderate	11:07	9	S	1	1	6	6	5	0.09	0.09	0.09	0.002	0.002	0.002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	26/8/2017	Mid-Flood	Fine	Moderate	11:07	9	S	1	2	5			0.09			0.002			NA	NA	NA	NA			NA			NA			NA		
SR2	26/8/2017	Mid-Flood	Fine	Moderate	11:07	9	S	1	3										NA	NA	NA	NA											
SR2	26/8/2017	Mid-Flood	Fine	Moderate	11:07	9	M	4	1	5	5		0.12	0.10		0.003	0.002		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	26/8/2017	Mid-Flood	Fine	Moderate	11:07	9	M	4	2	4			0.07			0.002			NA	NA	NA	NA			NA			NA			NA		
SR2	26/8/2017	Mid-Flood	Fine	Moderate	11:07	9	M	4	3										NA	NA	NA	NA											
SR2	26/8/2017	Mid-Flood	Fine	Moderate	11:07	9	B	8	1	6	5		0.07	0.07		0.002	0.002		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	26/8/2017	Mid-Flood	Fine	Moderate	11:07	9	B	8	2	4			0.07			0.002			NA	NA	NA	NA			NA			NA			NA		
SR2	26/8/2017	Mid-Flood	Fine	Moderate	11:07	9	B	8	3										NA	NA	NA	NA											
SR3	26/8/2017	Mid-Flood	Fine	Moderate	10:33	8	S	1	1	6	6	6	0.16	0.13	0.09	0.003	0.003	0.002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	26/8/2017	Mid-Flood	Fine	Moderate	10:33	8	S	1	2	5			0.10			0.002			NA	NA	NA	NA			NA			NA			NA		
SR3	26/8/2017	Mid-Flood	Fine	Moderate	10:33	8	S	1	3										NA	NA	NA	NA											
SR3	26/8/2017	Mid-Flood	Fine	Moderate	10:33	8	M	4	1	6	6		0.03	0.04		0.001	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	26/8/2017	Mid-Flood	Fine	Moderate	10:33	8	M	4	2	6			0.05			0.001			NA	NA	NA	NA			NA			NA			NA		
SR3	26/8/2017	Mid-Flood	Fine	Moderate	10:33	8	M	4	3										NA	NA	NA	NA											
SR3	26/8/2017	Mid-Flood	Fine	Moderate	10:33	8	B	7	1	7	7		0.09	0.11		0.002	0.003		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	26/8/2017	Mid-Flood	Fine	Moderate	10:33	8	B	7	2	6			0.12			0.003			NA	NA	NA	NA			NA			NA			NA		
SR3	26/8/2017	Mid-Flood	Fine	Moderate	10:33	8	B	7	3										NA	NA	NA	NA											

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
SR4	26/8/2017	Mid-Flood	Fine	Moderate	10:18	4	S	1	1	6	6	6	0.03	0.07	0.14	0.001	0.001	0.003	NA	NA	NA	NA	NA	NA	13	17	18	NA	NA	NA	<1	1	1
SR4	26/8/2017	Mid-Flood	Fine	Moderate	10:18	4	S	1	2	5			0.10			0.002			NA	NA	NA	NA			21			NA			<1		
SR4	26/8/2017	Mid-Flood	Fine	Moderate	10:18	4	S	1	3										NA	NA	NA	NA											
SR4	26/8/2017	Mid-Flood	Fine	Moderate	10:18	4	M		1		NA			NA			NA		NA	NA	NA	NA	NA			NA		NA	NA				
SR4	26/8/2017	Mid-Flood	Fine	Moderate	10:18	4	M		2										NA	NA	NA	NA											
SR4	26/8/2017	Mid-Flood	Fine	Moderate	10:18	4	M		3										NA	NA	NA	NA											
SR4	26/8/2017	Mid-Flood	Fine	Moderate	10:18	4	B	3	1	6	6		0.22	0.21		0.005	0.005		NA	NA	NA	NA	NA		15	19		NA	NA		<1	1	
SR4	26/8/2017	Mid-Flood	Fine	Moderate	10:18	4	B	3	2	5			0.20			0.005			NA	NA	NA	NA			24			NA			<1		
SR4	26/8/2017	Mid-Flood	Fine	Moderate	10:18	4	B	3	3										NA	NA	NA	NA											
SR5	26/8/2017	Mid-Flood	Fine	Moderate	11:26	11	S	1	1	8	8	7	NA	NA	NA	NA	NA	NA	0.09	0.57	0.08	0.74	0.75	0.75	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	26/8/2017	Mid-Flood	Fine	Moderate	11:26	11	S	1	2	7			NA			NA			0.10	0.57	0.08	0.75			NA			NA			NA		
SR5	26/8/2017	Mid-Flood	Fine	Moderate	11:26	11	S	1	3										0.10	0.58	0.08	0.76											
SR5	26/8/2017	Mid-Flood	Fine	Moderate	11:26	11	M	6	1	8			NA			NA			0.09	0.58	0.08	0.75			NA			NA			NA		
SR5	26/8/2017	Mid-Flood	Fine	Moderate	11:26	11	M	6	2	8			NA			NA			0.09	0.57	0.08	0.74			NA			NA			NA		
SR5	26/8/2017	Mid-Flood	Fine	Moderate	11:26	11	M	6	3										0.10	0.57	0.08	0.75											
SR5	26/8/2017	Mid-Flood	Fine	Moderate	11:26	11	B	9	1	7	7		NA			NA			0.10	0.58	0.08	0.76			NA			NA			NA		
SR5	26/8/2017	Mid-Flood	Fine	Moderate	11:26	11	B	9	2	6			NA			NA			0.10	0.58	0.08	0.76			NA			NA			NA		
SR5	26/8/2017	Mid-Flood	Fine	Moderate	11:26	11	B	9	3										0.08	0.58	0.08	0.74											
SR12	26/8/2017	Mid-Flood	Fine	Moderate	9:57	15	S	1	1	8	8	8	0.33	0.35	0.27	0.008	0.008	0.007	NA	NA	NA	NA	NA	NA	43	40	33	NA	NA	NA	<1	1	1
SR12	26/8/2017	Mid-Flood	Fine	Moderate	9:57	15	S	1	2	7			0.36			0.009			NA	NA	NA	NA			38			NA			<1		
SR12	26/8/2017	Mid-Flood	Fine	Moderate	9:57	15	S	1	3										NA	NA	NA	NA											
SR12	26/8/2017	Mid-Flood	Fine	Moderate	9:57	15	M	7	1	8			0.33			0.009			NA	NA	NA	NA			57			NA			<1		
SR12	26/8/2017	Mid-Flood	Fine	Moderate	9:57	15	M	7	2	8			0.32			0.009			NA	NA	NA	NA			62			NA			<1		
SR12	26/8/2017	Mid-Flood	Fine	Moderate	9:57	15	M	7	3										NA	NA	NA	NA											
SR12	26/8/2017	Mid-Flood	Fine	Moderate	9:57	15	B	14	1	8			0.09			0.003			NA	NA	NA	NA			13			NA			<1		
SR12	26/8/2017	Mid-Flood	Fine	Moderate	9:57	15	B	14	2	7	8		0.21	0.15		0.006	0.004		NA	NA	NA	NA	NA		18	15		NA	NA		<1	1	
SR12	26/8/2017	Mid-Flood	Fine	Moderate	9:57	15	B	14	3										NA	NA	NA	NA											
SR13	26/8/2017	Mid-Flood	Fine	Moderate	9:30	14	S	1	1	8	8	8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	26/8/2017	Mid-Flood	Fine	Moderate	9:30	14	S	1	2	8			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	26/8/2017	Mid-Flood	Fine	Moderate	9:30	14	S	1	3										NA	NA	NA	NA											
SR13	26/8/2017	Mid-Flood	Fine	Moderate	9:30	14	M	7	1	9	9	8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	26/8/2017	Mid-Flood	Fine	Moderate	9:30	14	M	7	2	8			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	26/8/2017	Mid-Flood	Fine	Moderate	9:30	14	M	7	3										NA	NA	NA	NA											
SR13	26/8/2017	Mid-Flood	Fine	Moderate	9:30	14	B	13	1	7	8		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	26/8/2017	Mid-Flood	Fine	Moderate	9:30	14	B	13	2	9			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	26/8/2017	Mid-Flood	Fine	Moderate	9:30	14	B	13	3										NA	NA	NA	NA											

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
C1A	26/8/2017	Mid-Ebb	Fine	Moderate	12:20	28	S	1	1	7.55	7.54	26.12	26.12	26.90	26.91	70.5	70.5	4.83	4.82	4.73	2.5	2.6	2.4	0.15	0.15	0.16	0.003	0.003	0.003	0.15	0.66	0.11	0.92	0.91	0.91
C1A	26/8/2017	Mid-Ebb	Fine	Moderate	12:20	28	S	1	2	7.53		26.11		26.92		70.4		4.81			2.6			0.15			0.003			0.15	0.66	0.10	0.91		
C1A	26/8/2017	Mid-Ebb	Fine	Moderate	12:20	28	S	1	3																					0.15	0.65	0.11	0.91		
C1A	26/8/2017	Mid-Ebb	Fine	Moderate	12:20	28	M	14	1	7.62	7.62	27.88	27.87	26.50	26.49	68.5	68.4	4.65	4.65		2.3	2.4		0.14	0.14		0.003	0.003		0.14	0.66	0.10	0.90	0.91	
C1A	26/8/2017	Mid-Ebb	Fine	Moderate	12:20	28	M	14	2	7.61		27.86		26.48		68.3		4.64			2.4			0.14			0.003			0.14	0.67	0.10	0.91		
C1A	26/8/2017	Mid-Ebb	Fine	Moderate	12:20	28	M	14	3																					0.14	0.66	0.11	0.91		
C1A	26/8/2017	Mid-Ebb	Fine	Moderate	12:20	28	B	27	1	7.70	7.71	29.55	29.54	26.02	26.02	66.1	66.1	4.38	4.39		2.2	2.3		0.17	0.20		0.004	0.005		0.17	0.63	0.09	0.89	0.91	
C1A	26/8/2017	Mid-Ebb	Fine	Moderate	12:20	28	B	27	2	7.71		29.52		26.01		66.0		4.39			2.3			0.22			0.005			0.22	0.66	0.08	0.96		
C1A	26/8/2017	Mid-Ebb	Fine	Moderate	12:20	28	B	27	3																					0.15	0.67	0.05	0.87		
C2A	26/8/2017	Mid-Ebb	Fine	Moderate	14:16	14	S	1	1	7.72	7.73	29.82	29.84	26.78	26.79	76.2	76.3	5.31	5.30	5.19	2.5	2.5	2.2	0.18	0.18	0.37	0.005	0.005	0.011	0.18	0.32	0.05	0.55	0.55	0.73
C2A	26/8/2017	Mid-Ebb	Fine	Moderate	14:16	14	S	1	2	7.73		29.85		26.79		76.3		5.28			2.4			0.17			0.005			0.17	0.32	0.05	0.54		
C2A	26/8/2017	Mid-Ebb	Fine	Moderate	14:16	14	S	1	3																					0.17	0.33	0.05	0.55		
C2A	26/8/2017	Mid-Ebb	Fine	Moderate	14:16	14	M	7	1	7.78	7.77	30.25	30.25	26.38	26.37	74.1	74.1	5.08	5.08		2.1	2.2		0.42	0.47		0.012	0.014		0.42	0.33	0.05	0.80	0.81	
C2A	26/8/2017	Mid-Ebb	Fine	Moderate	14:16	14	M	7	2	7.76		30.24		26.35		74.0		5.07			2.2			0.52			0.015			0.52	0.33	0.05	0.90		
C2A	26/8/2017	Mid-Ebb	Fine	Moderate	14:16	14	M	7	3																					0.38	0.32	0.04	0.74		
C2A	26/8/2017	Mid-Ebb	Fine	Moderate	14:16	14	B	13	1	7.80	7.80	30.86	30.86	26.11	26.12	70.8	70.9	4.89	4.88		2.0	1.9		0.45	0.47		0.013	0.014		0.45	0.33	0.05	0.83	0.83	
C2A	26/8/2017	Mid-Ebb	Fine	Moderate	14:16	14	B	13	2	7.79		30.85		26.12		70.9		4.86			1.8			0.49			0.015			0.49	0.33	0.05	0.87		
C2A	26/8/2017	Mid-Ebb	Fine	Moderate	14:16	14	B	13	3																					0.40	0.33	0.05	0.78		
G2	26/8/2017	Mid-Ebb	Fine	Moderate	13:05	12	S	1	1	7.55	7.54	26.41	26.41	27.18	27.17	77.0	76.9	5.20	5.19	5.10	1.7	1.7	1.8	NA	NA	NA	NA	NA	NA	0.17	0.63	0.10	0.90	0.83	0.81
G2	26/8/2017	Mid-Ebb	Fine	Moderate	13:05	12	S	1	2	7.53		26.40		27.16		76.8		5.18			1.6			NA			NA			0.09	0.63	0.09	0.81		
G2	26/8/2017	Mid-Ebb	Fine	Moderate	13:05	12	S	1	3																					0.04	0.64	0.11	0.79		
G2	26/8/2017	Mid-Ebb	Fine	Moderate	13:05	12	M	6	1	7.69	7.70	27.59	27.60	26.69	26.70	73.4	73.3	5.02	5.01		2.0	2.1		NA	NA		NA	NA		0.08	0.63	0.11	0.82	0.80	
G2	26/8/2017	Mid-Ebb	Fine	Moderate	13:05	12	M	6	2	7.71		27.61		26.70		73.1		5.00			2.2			NA			NA			0.06	0.63	0.11	0.80		
G2	26/8/2017	Mid-Ebb	Fine	Moderate	13:05	12	M	6	3																					0.06	0.63	0.10	0.79		
G2	26/8/2017	Mid-Ebb	Fine	Moderate	13:05	12	B	11	1	7.78	7.78	28.01	28.02	26.35	26.37	70.1	70.2	4.58	4.57		1.6	1.5		NA	NA		NA	NA		0.07	0.63	0.11	0.81	0.80	
G2	26/8/2017	Mid-Ebb	Fine	Moderate	13:05	12	B	11	2	7.77		28.02		26.38		70.3		4.56			1.4			NA			NA			0.04	0.62	0.12	0.78		
G2	26/8/2017	Mid-Ebb	Fine	Moderate	13:05	12	B	11	3																					0.05	0.64	0.11	0.80		
SR2	26/8/2017	Mid-Ebb	Fine	Moderate	12:53	9	S	1	1	7.62	7.62	25.05	25.07	27.52	27.51	75.6	75.6	5.18	5.19	5.11	1.9	1.9	1.6	0.05	0.09	0.09	0.001	0.002	0.002	NA	NA	NA	NA	NA	NA
SR2	26/8/2017	Mid-Ebb	Fine	Moderate	12:53	9	S	1	2	7.61		25.08		27.50		75.5		5.19			1.8			0.13			0.003			NA	NA	NA	NA		
SR2	26/8/2017	Mid-Ebb	Fine	Moderate	12:53	9	S	1	3																					NA	NA	NA	NA		
SR2	26/8/2017	Mid-Ebb	Fine	Moderate	12:53	9	M	4	1	7.68	7.68	26.39	26.40	26.70	26.69	72.8	72.7	5.03	5.04		1.5	1.6		0.05	0.10		0.001	0.002		NA	NA	NA	NA	NA	NA
SR2	26/8/2017	Mid-Ebb	Fine	Moderate	12:53	9	M	4	2	7.67		26.41		26.68		72.5		5.04			1.7			0.14			0.003			NA	NA	NA	NA		
SR2	26/8/2017	Mid-Ebb	Fine	Moderate	12:53	9	M	4	3																					NA	NA	NA	NA		
SR2	26/8/2017	Mid-Ebb	Fine	Moderate	12:53	9	B	8	1	7.73	7.73	27.15	27.16	26.34	26.35	70.0	69.9	4.82	4.81		1.5	1.5		0.09	0.10		0.002	0.003		NA	NA	NA	NA	NA	
SR2	26/8/2017	Mid-Ebb	Fine	Moderate	12:53	9	B	8	2	7.72		27.17		26.35		69.8		4.80			1.4			0.10			0.003			NA	NA	NA	NA		
SR2	26/8/2017	Mid-Ebb	Fine	Moderate	12:53	9	B	8	3																					NA	NA	NA	NA		
SR3	26/8/2017	Mid-Ebb	Fine	Moderate	13:18	8	S	1	1	7.53	7.54	25.78	25.78	27.22	27.23	76.8	76.9	5.33	5.33	5.20	2.2	2.3	2.0	0.16	0.16	0.14	0.003	0.003	0.003	NA	NA	NA	NA	NA	NA
SR3	26/8/2017	Mid-Ebb	Fine	Moderate	13:18	8	S	1	2	7.54		25.77		27.23		76.9		5.32			2.3			0.15			0.003			NA	NA	NA	NA		
SR3	26/8/2017	Mid-Ebb	Fine	Moderate	13:18	8	S	1	3																					NA	NA	NA	NA		
SR3	26/8/2017	Mid-Ebb	Fine	Moderate	13:18	8	M	4	1	7.61	7.61	27.40	27.39	26.85	26.84	73.0	72.9	5.08	5.07		2.0	2.0		0.16	0.13		0.003	0.003		NA	NA	NA	NA	NA	NA
SR3	26/8/2017	Mid-Ebb	Fine	Moderate	13:18	8	M	4	2	7.60		27.38		26.82		72.8		5.05			1.9			0.10			0.002			NA	NA	NA	NA		
SR3	26/8/2017	Mid-Ebb	Fine	Moderate	13:18	8	M	4	3																					NA	NA	NA	NA		
SR3	26/8/2017	Mid-Ebb	Fine	Moderate	13:18	8	B	7	1	7.69	7.69	28.12	28.11	26.31	26.31	69.1	69.2	4.90	4.90		1.7	1.8		0.09	0.12		0.002	0.003		NA	NA	NA	NA	NA	
SR3	26/8/2017	Mid-Ebb	Fine	Moderate	13:18	8	B	7	2	7.68		28.10		26.30		69.3		4.89			1.8			0.15			0.004			NA	NA	NA	NA		
SR3	26/8/2017	Mid-Ebb	Fine	Moderate	13:18	8	B	7	3																					NA	NA	NA	NA		

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR4	26/8/2017	Mid-Ebb	Fine	Moderate	13:33	4	S	1	1	7.62	7.62	26.12	26.11	27.30	27.29	75.8	75.9	5.30	5.29	5.29	2.8	2.7	2.7	0.11	0.12	0.18	0.002	0.003	0.004	NA	NA	NA	NA	NA	NA
SR4	26/8/2017	Mid-Ebb	Fine	Moderate	13:33	4	S	1	2	7.62		26.10		27.28		75.9		5.28			2.5			0.12			0.003			NA	NA	NA	NA		
SR4	26/8/2017	Mid-Ebb	Fine	Moderate	13:33	4	S	1	3																					NA	NA	NA	NA		
SR4	26/8/2017	Mid-Ebb	Fine	Moderate	13:33	4	M		1		NA		NA		NA		NA		NA			NA			NA			NA			NA	NA	NA	NA	NA	NA
SR4	26/8/2017	Mid-Ebb	Fine	Moderate	13:33	4	M		2																					NA	NA	NA	NA		
SR4	26/8/2017	Mid-Ebb	Fine	Moderate	13:33	4	M		3																					NA	NA	NA	NA		
SR4	26/8/2017	Mid-Ebb	Fine	Moderate	13:33	4	B	3	1	7.69	7.69	26.79	26.81	27.10	27.11	71.8	71.7	5.04	5.04		2.7	2.8		0.22	0.24		0.006	0.006		NA	NA	NA	NA	NA	NA
SR4	26/8/2017	Mid-Ebb	Fine	Moderate	13:33	4	B	3	2	7.68		26.82		27.12		71.5		5.03			2.8			0.26			0.007			NA	NA	NA	NA		
SR4	26/8/2017	Mid-Ebb	Fine	Moderate	13:33	4	B	3	3																					NA	NA	NA	NA		
SR5	26/8/2017	Mid-Ebb	Fine	Moderate	12:35	11	S	1	1	7.60	7.59	25.95	25.94	27.13	27.15	72.2	72.2	5.10	5.10	5.01	2.8	2.7	2.3	NA	NA	NA	NA	NA	NA	0.09	0.57	0.08	0.74	0.74	0.75
SR5	26/8/2017	Mid-Ebb	Fine	Moderate	12:35	11	S	1	2	7.58		25.93		27.16		72.1		5.09			2.6			NA			NA			0.07	0.57	0.09	0.73		
SR5	26/8/2017	Mid-Ebb	Fine	Moderate	12:35	11	S	1	3																					0.09	0.58	0.08	0.75		
SR5	26/8/2017	Mid-Ebb	Fine	Moderate	12:35	11	M	6	1	7.68	7.69	26.31	26.31	26.71	26.72	69.1	69.1	4.94	4.93		2.2	2.3		NA	NA		NA	NA		0.10	0.58	0.08	0.76	0.75	
SR5	26/8/2017	Mid-Ebb	Fine	Moderate	12:35	11	M	6	2	7.69		26.30		26.72		69.0		4.92			2.4			NA			NA			0.10	0.58	0.08	0.76		
SR5	26/8/2017	Mid-Ebb	Fine	Moderate	12:35	11	M	6	3																					0.06	0.58	0.08	0.72		
SR5	26/8/2017	Mid-Ebb	Fine	Moderate	12:35	11	B	10	1	7.77	7.76	26.89	26.90	26.10	26.09	64.5	64.6	4.63	4.62		1.8	1.9		NA	NA		NA	NA		0.10	0.58	0.08	0.76	0.75	
SR5	26/8/2017	Mid-Ebb	Fine	Moderate	12:35	11	B	10	2	7.75		26.90		26.08		64.7		4.60			1.9			NA			NA			0.08	0.59	0.08	0.75		
SR5	26/8/2017	Mid-Ebb	Fine	Moderate	12:35	11	B	10	3																					0.08	0.58	0.08	0.74		
SR12	26/8/2017	Mid-Ebb	Fine	Moderate	13:49	15	S	1	1	7.71	7.71	29.02	29.04	26.45	26.46	69.8	69.8	4.81	4.82	4.75	2.8	2.8	2.7	0.31	0.32	0.29	0.008	0.008	0.008	NA	NA	NA	NA	NA	NA
SR12	26/8/2017	Mid-Ebb	Fine	Moderate	13:49	15	S	1	2	7.71		29.05		26.46		69.7		4.82			2.7			0.33			0.008			NA	NA	NA	NA		
SR12	26/8/2017	Mid-Ebb	Fine	Moderate	13:49	15	S	1	3																					NA	NA	NA	NA		
SR12	26/8/2017	Mid-Ebb	Fine	Moderate	13:49	15	M	7	1	7.78	7.77	29.91	29.92	26.21	26.21	68.0	67.9	4.70	4.69		2.9	3.0		0.47	0.41		0.013	0.012		NA	NA	NA	NA	NA	NA
SR12	26/8/2017	Mid-Ebb	Fine	Moderate	13:49	15	M	7	2	7.76		29.93		26.20		67.8		4.68			3.1			0.35			0.010			NA	NA	NA	NA		
SR12	26/8/2017	Mid-Ebb	Fine	Moderate	13:49	15	M	7	3																					NA	NA	NA	NA		
SR12	26/8/2017	Mid-Ebb	Fine	Moderate	13:49	15	B	14	1	7.80	7.80	30.48	30.48	25.98	25.97	64.2	64.1	4.38	4.39		2.5	2.5		0.10	0.14		0.003	0.004		NA	NA	NA	NA	NA	
SR12	26/8/2017	Mid-Ebb	Fine	Moderate	13:49	15	B	14	2	7.79		30.47		25.96		64.0		4.39			2.4			0.18			0.005			NA	NA	NA	NA		
SR12	26/8/2017	Mid-Ebb	Fine	Moderate	13:49	15	B	14	3																					NA	NA	NA	NA		
SR13	26/8/2017	Mid-Ebb	Fine	Moderate	14:01	14	S	1	1	7.68	7.69	29.11	29.11	26.48	26.48	68.3	68.4	4.80	4.79	4.70	2.1	2.1	1.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	26/8/2017	Mid-Ebb	Fine	Moderate	14:01	14	S	1	2	7.69		29.10		26.47		68.4		4.78			2.0			NA			NA			NA	NA	NA	NA		
SR13	26/8/2017	Mid-Ebb	Fine	Moderate	14:01	14	S	1	3																					NA	NA	NA	NA		
SR13	26/8/2017	Mid-Ebb	Fine	Moderate	14:01	14	M	7	1	7.73	7.74	29.63	29.65	26.18	26.19	65.3	65.3	4.62	4.62		1.8	1.8		NA	NA		NA	NA		NA	NA	NA	NA	NA	NA
SR13	26/8/2017	Mid-Ebb	Fine	Moderate	14:01	14	M	7	2	7.74		29.67		26.19		65.4		4.61			1.7			NA			NA			NA	NA	NA	NA		
SR13	26/8/2017	Mid-Ebb	Fine	Moderate	14:01	14	M	7	3																					NA	NA	NA	NA		
SR13	26/8/2017	Mid-Ebb	Fine	Moderate	14:01	14	B	13	1	7.76	7.77	30.18	30.18	25.92	25.94	62.8	62.9	4.47	4.46		1.6	1.7		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	26/8/2017	Mid-Ebb	Fine	Moderate	14:01	14	B	13	2	7.77		30.17		25.95		62.9		4.45			1.7			NA			NA			NA	NA	NA	NA		
SR13	26/8/2017	Mid-Ebb	Fine	Moderate	14:01	14	B	13	3																					NA	NA	NA	NA		

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																				
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
C1A	26/8/2017	Mid-Ebb	Fine	Moderate	12:20	28	S	1	1	9	9	9	0.13	0.14	0.16	0.002	0.002	0.003	0.13	0.66	0.11	0.90	0.90	0.91	37	41	16	NA	NA	NA	<1	1	1
C1A	26/8/2017	Mid-Ebb	Fine	Moderate	12:20	28	S	1	2	9			0.14			0.003			0.14	0.66	0.10	0.90			46			NA			<1		
C1A	26/8/2017	Mid-Ebb	Fine	Moderate	12:20	28	S	1	3										0.15	0.65	0.11	0.91											
C1A	26/8/2017	Mid-Ebb	Fine	Moderate	12:20	28	M	14	1	8			0.14			0.003			0.14	0.66	0.10	0.90			8			NA			<1		
C1A	26/8/2017	Mid-Ebb	Fine	Moderate	12:20	28	M	14	2	9			0.14			0.003			0.14	0.67	0.10	0.91			9			NA			<1		
C1A	26/8/2017	Mid-Ebb	Fine	Moderate	12:20	28	M	14	3										0.14	0.66	0.11	0.91											
C1A	26/8/2017	Mid-Ebb	Fine	Moderate	12:20	28	B	27	1	8			0.17			0.004			0.17	0.63	0.09	0.89			12			NA			<1		
C1A	26/8/2017	Mid-Ebb	Fine	Moderate	12:20	28	B	27	2	9			0.22			0.005			0.22	0.66	0.08	0.96			13			NA			<1		
C1A	26/8/2017	Mid-Ebb	Fine	Moderate	12:20	28	B	27	3										0.15	0.67	0.05	0.87											
C2A	26/8/2017	Mid-Ebb	Fine	Moderate	14:16	14	S	1	1	4	4	4	0.18	0.18	0.37	0.005	0.005	0.011	0.18	0.32	0.05	0.55	0.55	0.73	35	38	80	NA	NA	NA	<1	1	1
C2A	26/8/2017	Mid-Ebb	Fine	Moderate	14:16	14	S	1	2	3			0.17			0.005			0.17	0.32	0.05	0.54			41			NA			<1		
C2A	26/8/2017	Mid-Ebb	Fine	Moderate	14:16	14	S	1	3										0.17	0.33	0.05	0.55											
C2A	26/8/2017	Mid-Ebb	Fine	Moderate	14:16	14	M	7	1	5	5		0.42	0.47		0.012	0.014		0.42	0.33	0.05	0.80	0.81		430	468		NA	NA		<1	1	
C2A	26/8/2017	Mid-Ebb	Fine	Moderate	14:16	14	M	7	2	4			0.52			0.015			0.52	0.33	0.05	0.90			510			NA			<1		
C2A	26/8/2017	Mid-Ebb	Fine	Moderate	14:16	14	M	7	3										0.38	0.32	0.04	0.74											
C2A	26/8/2017	Mid-Ebb	Fine	Moderate	14:16	14	B	13	1	5	5		0.45	0.47		0.013	0.014		0.45	0.33	0.05	0.83	0.83		26	28		NA	NA		<1	1	
C2A	26/8/2017	Mid-Ebb	Fine	Moderate	14:16	14	B	13	2	4			0.49			0.015			0.49	0.33	0.05	0.87			31			NA			<1		
C2A	26/8/2017	Mid-Ebb	Fine	Moderate	14:16	14	B	13	3										0.40	0.33	0.05	0.78											
G2	26/8/2017	Mid-Ebb	Fine	Moderate	13:05	12	S	1	1	5	5	5	NA	NA	NA	NA	NA	NA	0.17	0.63	0.10	0.90	0.83	0.81	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	26/8/2017	Mid-Ebb	Fine	Moderate	13:05	12	S	1	2	4			NA			NA			0.09	0.63	0.09	0.81			NA			NA			NA		
G2	26/8/2017	Mid-Ebb	Fine	Moderate	13:05	12	S	1	3										0.04	0.64	0.11	0.79											
G2	26/8/2017	Mid-Ebb	Fine	Moderate	13:05	12	M	6	1	4			NA			NA			0.08	0.63	0.11	0.82			NA			NA			NA		
G2	26/8/2017	Mid-Ebb	Fine	Moderate	13:05	12	M	6	2	6			NA			NA			0.06	0.63	0.11	0.80			NA			NA			NA		
G2	26/8/2017	Mid-Ebb	Fine	Moderate	13:05	12	M	6	3										0.06	0.63	0.10	0.79											
G2	26/8/2017	Mid-Ebb	Fine	Moderate	13:05	12	B	11	1	6	6		NA	NA		NA	NA		0.07	0.63	0.11	0.81	0.80		NA	NA		NA	NA		NA	NA	
G2	26/8/2017	Mid-Ebb	Fine	Moderate	13:05	12	B	11	2	5			NA			NA			0.04	0.62	0.12	0.78			NA			NA			NA		
G2	26/8/2017	Mid-Ebb	Fine	Moderate	13:05	12	B	11	3										0.05	0.64	0.11	0.80											
SR2	26/8/2017	Mid-Ebb	Fine	Moderate	12:53	9	S	1	1	6	7	6	0.05	0.09	0.09	0.001	0.002	0.002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	26/8/2017	Mid-Ebb	Fine	Moderate	12:53	9	S	1	2	7			0.13			0.003			NA	NA	NA	NA			NA			NA			NA		
SR2	26/8/2017	Mid-Ebb	Fine	Moderate	12:53	9	S	1	3										NA	NA	NA	NA											
SR2	26/8/2017	Mid-Ebb	Fine	Moderate	12:53	9	M	4	1	6			0.05			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	26/8/2017	Mid-Ebb	Fine	Moderate	12:53	9	M	4	2	5			0.14			0.003			NA	NA	NA	NA			NA			NA			NA		
SR2	26/8/2017	Mid-Ebb	Fine	Moderate	12:53	9	M	4	3										NA	NA	NA	NA											
SR2	26/8/2017	Mid-Ebb	Fine	Moderate	12:53	9	B	8	1	6			0.09			0.002			NA	NA	NA	NA			NA			NA			NA		
SR2	26/8/2017	Mid-Ebb	Fine	Moderate	12:53	9	B	8	2	6			0.10			0.003			NA	NA	NA	NA			NA			NA			NA		
SR2	26/8/2017	Mid-Ebb	Fine	Moderate	12:53	9	B	8	3										NA	NA	NA	NA											
SR3	26/8/2017	Mid-Ebb	Fine	Moderate	13:18	8	S	1	1	6	6	6	0.16	0.16	0.14	0.003	0.003	0.003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	26/8/2017	Mid-Ebb	Fine	Moderate	13:18	8	S	1	2	6			0.15			0.003			NA	NA	NA	NA			NA			NA			NA		
SR3	26/8/2017	Mid-Ebb	Fine	Moderate	13:18	8	S	1	3										NA	NA	NA	NA											
SR3	26/8/2017	Mid-Ebb	Fine	Moderate	13:18	8	M	4	1	5	5		0.16	0.13		0.003	0.003		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	26/8/2017	Mid-Ebb	Fine	Moderate	13:18	8	M	4	2	4			0.10			0.002			NA	NA	NA	NA			NA			NA			NA		
SR3	26/8/2017	Mid-Ebb	Fine	Moderate	13:18	8	M	4	3										NA	NA	NA	NA											
SR3	26/8/2017	Mid-Ebb	Fine	Moderate	13:18	8	B	7	1	6	7		0.09	0.12		0.002	0.003		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	26/8/2017	Mid-Ebb	Fine	Moderate	13:18	8	B	7	2	8			0.15			0.004			NA	NA	NA	NA			NA			NA			NA		
SR3	26/8/2017	Mid-Ebb	Fine	Moderate	13:18	8	B	7	3										NA	NA	NA	NA											

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
SR4	26/8/2017	Mid-Ebb	Fine	Moderate	13:33	4	S	1	1	5	5	6	0.11	0.12	0.18	0.002	0.003	0.004	NA	NA	NA	NA	NA	NA	53	49	27	NA	NA	NA	<1	1	1
SR4	26/8/2017	Mid-Ebb	Fine	Moderate	13:33	4	S	1	2	5			0.12			0.003			NA	NA	NA	NA			46			NA			<1		
SR4	26/8/2017	Mid-Ebb	Fine	Moderate	13:33	4	S	1	3										NA	NA	NA	NA											
SR4	26/8/2017	Mid-Ebb	Fine	Moderate	13:33	4	M		1		NA			NA			NA		NA	NA	NA	NA	NA			NA		NA					
SR4	26/8/2017	Mid-Ebb	Fine	Moderate	13:33	4	M		2										NA	NA	NA	NA											
SR4	26/8/2017	Mid-Ebb	Fine	Moderate	13:33	4	M		3										NA	NA	NA	NA											
SR4	26/8/2017	Mid-Ebb	Fine	Moderate	13:33	4	B	3	1	6	6		0.22	0.24		0.006	0.006		NA	NA	NA	NA	NA		12	15		NA	NA		<1	1	
SR4	26/8/2017	Mid-Ebb	Fine	Moderate	13:33	4	B	3	2	6			0.26			0.007			NA	NA	NA	NA			18			NA			<1		
SR4	26/8/2017	Mid-Ebb	Fine	Moderate	13:33	4	B	3	3										NA	NA	NA	NA											
SR5	26/8/2017	Mid-Ebb	Fine	Moderate	12:35	11	S	1	1	8	8	8	NA	NA	NA	NA	NA	NA	0.09	0.57	0.08	0.74	0.74	0.75	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	26/8/2017	Mid-Ebb	Fine	Moderate	12:35	11	S	1	2	8			NA			NA			0.07	0.57	0.09	0.73			NA			NA			NA		
SR5	26/8/2017	Mid-Ebb	Fine	Moderate	12:35	11	S	1	3										0.09	0.58	0.08	0.75											
SR5	26/8/2017	Mid-Ebb	Fine	Moderate	12:35	11	M	6	1	9			NA			NA			0.10	0.58	0.08	0.76			NA			NA			NA		
SR5	26/8/2017	Mid-Ebb	Fine	Moderate	12:35	11	M	6	2	7			NA			NA			0.10	0.58	0.08	0.76			NA			NA			NA		
SR5	26/8/2017	Mid-Ebb	Fine	Moderate	12:35	11	M	6	3										0.06	0.58	0.08	0.72											
SR5	26/8/2017	Mid-Ebb	Fine	Moderate	12:35	11	B	10	1	9			NA			NA			0.10	0.58	0.08	0.76			NA			NA			NA		
SR5	26/8/2017	Mid-Ebb	Fine	Moderate	12:35	11	B	10	2	8			NA			NA			0.08	0.59	0.08	0.75			NA			NA			NA		
SR5	26/8/2017	Mid-Ebb	Fine	Moderate	12:35	11	B	10	3										0.08	0.58	0.08	0.74											
SR12	26/8/2017	Mid-Ebb	Fine	Moderate	13:49	15	S	1	1	6	6	7	0.31	0.32	0.29	0.008	0.008	0.008	NA	NA	NA	NA	NA	NA	23	20	46	NA	NA	NA	<1	1	1
SR12	26/8/2017	Mid-Ebb	Fine	Moderate	13:49	15	S	1	2	6			0.33			0.008			NA	NA	NA	NA			17			NA			<1		
SR12	26/8/2017	Mid-Ebb	Fine	Moderate	13:49	15	S	1	3										NA	NA	NA	NA											
SR12	26/8/2017	Mid-Ebb	Fine	Moderate	13:49	15	M	7	1	6	7		0.47	0.41		0.013	0.012		NA	NA	NA	NA	NA		260	284		NA	NA		<1	1	
SR12	26/8/2017	Mid-Ebb	Fine	Moderate	13:49	15	M	7	2	7			0.35			0.010			NA	NA	NA	NA			310			NA			<1		
SR12	26/8/2017	Mid-Ebb	Fine	Moderate	13:49	15	M	7	3										NA	NA	NA	NA											
SR12	26/8/2017	Mid-Ebb	Fine	Moderate	13:49	15	B	14	1	6	7		0.10	0.14		0.003	0.004		NA	NA	NA	NA	NA		15	17		NA	NA		<1	1	
SR12	26/8/2017	Mid-Ebb	Fine	Moderate	13:49	15	B	14	2	8			0.18			0.005			NA	NA	NA	NA			19			NA			<1		
SR12	26/8/2017	Mid-Ebb	Fine	Moderate	13:49	15	B	14	3										NA	NA	NA	NA											
SR13	26/8/2017	Mid-Ebb	Fine	Moderate	14:01	14	S	1	1	7	7	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	26/8/2017	Mid-Ebb	Fine	Moderate	14:01	14	S	1	2	6			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	26/8/2017	Mid-Ebb	Fine	Moderate	14:01	14	S	1	3										NA	NA	NA	NA											
SR13	26/8/2017	Mid-Ebb	Fine	Moderate	14:01	14	M	7	1	6	6		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	26/8/2017	Mid-Ebb	Fine	Moderate	14:01	14	M	7	2	5			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	26/8/2017	Mid-Ebb	Fine	Moderate	14:01	14	M	7	3										NA	NA	NA	NA											
SR13	26/8/2017	Mid-Ebb	Fine	Moderate	14:01	14	B	13	1	6	7		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA			NA			NA		
SR13	26/8/2017	Mid-Ebb	Fine	Moderate	14:01	14	B	13	2	8			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	26/8/2017	Mid-Ebb	Fine	Moderate	14:01	14	B	13	3										NA	NA	NA	NA											

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
C1A	29/8/2017	Mid-Flood	Cloudy	Moderate	14:00	28	S	1	1	7.40	7.40	20.60	20.60	28.30	28.30	88.6	88.7	6.15	6.16	6.09	10.5	10.6	10.9	0.10	0.10	0.07	0.002	0.002	0.001	0.10	0.82	0.22	1.14	1.16	1.11
C1A	29/8/2017	Mid-Flood	Cloudy	Moderate	14:00	28	S	1	2	7.40		20.60		28.30		88.7		6.16			10.6			0.10			0.002			0.10	0.82	0.24	1.16		
C1A	29/8/2017	Mid-Flood	Cloudy	Moderate	14:00	28	S	1	3																					0.10	0.83	0.24	1.17		
C1A	29/8/2017	Mid-Flood	Cloudy	Moderate	14:00	28	M	14	1	7.56	7.56	20.90	20.90	27.90	27.90	86.4	86.5	6.02	6.03		10.7	10.8		0.05	0.05		0.001	0.001		0.05	0.81	0.23	1.09	1.09	
C1A	29/8/2017	Mid-Flood	Cloudy	Moderate	14:00	28	M	14	2	7.56		20.90		27.90		86.5		6.03			10.8			0.05			0.001			0.05	0.80	0.24	1.09		
C1A	29/8/2017	Mid-Flood	Cloudy	Moderate	14:00	28	M	14	3																					0.05	0.80	0.24	1.09		
C1A	29/8/2017	Mid-Flood	Cloudy	Moderate	14:00	28	B	27	1	7.64	7.64	25.80	25.80	26.55	26.55	77.9	78.4	5.40	5.45		11.4	11.5		0.05	0.05		0.001	0.001		0.05	0.79	0.24	1.08	1.09	
C1A	29/8/2017	Mid-Flood	Cloudy	Moderate	14:00	28	B	27	2	7.64		25.80		26.55		78.9		5.50			11.5			0.05			0.001			0.05	0.80	0.24	1.09		
C1A	29/8/2017	Mid-Flood	Cloudy	Moderate	14:00	28	B	27	3																					0.05	0.79	0.25	1.09		
C2A	29/8/2017	Mid-Flood	Cloudy	Moderate	11:45	13	S	1	1	7.77	7.77	29.69	29.69	26.25	26.25	75.3	75.4	5.15	5.15	5.11	1.3	1.4	1.4	0.30	0.30	0.28	0.009	0.009	0.008	0.30	0.21	0.04	0.55	0.55	0.53
C2A	29/8/2017	Mid-Flood	Cloudy	Moderate	11:45	13	S	1	2	7.77		29.69		26.25		75.4		5.15			1.4			0.30			0.009			0.30	0.21	0.04	0.55		
C2A	29/8/2017	Mid-Flood	Cloudy	Moderate	11:45	13	S	1	3																					0.30	0.21	0.03	0.54		
C2A	29/8/2017	Mid-Flood	Cloudy	Moderate	11:45	13	M	6.5	1	7.72	7.72	29.59	29.59	26.09	26.09	74.3	74.4	5.07	5.08		1.3	1.4		0.25	0.25		0.006	0.006		0.25	0.21	0.04	0.50	0.50	
C2A	29/8/2017	Mid-Flood	Cloudy	Moderate	11:45	13	M	6.5	2	7.72		29.59		26.09		74.4		5.08			1.4			0.25			0.006			0.25	0.20	0.04	0.49		
C2A	29/8/2017	Mid-Flood	Cloudy	Moderate	11:45	13	M	6.5	3																					0.25	0.21	0.04	0.50		
C2A	29/8/2017	Mid-Flood	Cloudy	Moderate	11:45	13	B	12	1	7.78	7.78	30.11	30.11	25.82	25.82	71.2	71.3	4.88	4.89		1.3	1.4		0.30	0.30		0.009	0.009		0.30	0.21	0.03	0.54	0.55	
C2A	29/8/2017	Mid-Flood	Cloudy	Moderate	11:45	13	B	12	2	7.78		30.11		25.82		71.3		4.89			1.4			0.30			0.009			0.30	0.22	0.03	0.55		
C2A	29/8/2017	Mid-Flood	Cloudy	Moderate	11:45	13	B	12	3																					0.30	0.22	0.03	0.55		
G2	29/8/2017	Mid-Flood	Cloudy	Moderate	13:21	12	S	1	1	7.40	7.40	25.09	25.09	26.08	26.08	83.0	83.1	5.77	5.77	5.63	10.1	10.2	10.3	NA	NA	NA	NA	NA	NA	0.01	0.63	0.17	0.81	0.80	0.80
G2	29/8/2017	Mid-Flood	Cloudy	Moderate	13:21	12	S	1	2	7.40		25.09		26.08		83.2		5.76			10.2			NA			NA			0.01	0.62	0.17	0.80		
G2	29/8/2017	Mid-Flood	Cloudy	Moderate	13:21	12	S	1	3																					0.01	0.62	0.17	0.80		
G2	29/8/2017	Mid-Flood	Cloudy	Moderate	13:21	12	M	6	1	7.60	7.60	27.70	27.70	26.29	26.29	79.3	79.4	5.49	5.49		10.4	10.4		NA	NA		NA	NA		0.01	0.63	0.16	0.80	0.80	
G2	29/8/2017	Mid-Flood	Cloudy	Moderate	13:21	12	M	6	2	7.60		27.70		26.29		79.4		5.48			10.3			NA			NA			0.01	0.63	0.16	0.80		
G2	29/8/2017	Mid-Flood	Cloudy	Moderate	13:21	12	M	6	3																					0.01	0.62	0.16	0.79		
G2	29/8/2017	Mid-Flood	Cloudy	Moderate	13:21	12	B	11	1	7.70	7.70	28.41	28.41	26.10	26.10	77.8	77.9	5.50	5.51		10.3	10.4		NA	NA		NA	NA		0.01	0.62	0.17	0.80	0.80	
G2	29/8/2017	Mid-Flood	Cloudy	Moderate	13:21	12	B	11	2	7.70		28.41		26.10		77.9		5.52			10.4			NA			NA			0.01	0.62	0.17	0.80		
G2	29/8/2017	Mid-Flood	Cloudy	Moderate	13:21	12	B	11	3																					0.01	0.62	0.18	0.81		
SR2	29/8/2017	Mid-Flood	Cloudy	Moderate	13:36	9	S	1	1	7.38	7.38	23.60	23.60	27.70	27.70	86.1	86.2	5.94	5.95	5.90	10.0	10.1	10.1	0.05	0.05	0.06	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA
SR2	29/8/2017	Mid-Flood	Cloudy	Moderate	13:36	9	S	1	2	7.38		23.60		27.70		86.2		5.95			10.1			0.05			0.001			NA	NA	NA	NA		
SR2	29/8/2017	Mid-Flood	Cloudy	Moderate	13:36	9	S	1	3																					NA	NA	NA	NA		
SR2	29/8/2017	Mid-Flood	Cloudy	Moderate	13:36	9	M	4.5	1	7.60	7.60	24.36	24.36	27.36	27.36	84.6	84.7	5.84	5.85		10.1	10.2		0.10	0.10		0.002	0.002		NA	NA	NA	NA	NA	NA
SR2	29/8/2017	Mid-Flood	Cloudy	Moderate	13:36	9	M	4.5	2	7.60		24.36		27.36		84.7		5.85			10.2			0.10			0.002			NA	NA	NA	NA		
SR2	29/8/2017	Mid-Flood	Cloudy	Moderate	13:36	9	M	4.5	3																					NA	NA	NA	NA		
SR2	29/8/2017	Mid-Flood	Cloudy	Moderate	13:36	9	B	8	1	7.70	7.70	29.70	29.70	25.94	25.94	76.8	76.9	5.27	5.28		10.1	10.2		0.02	0.02		0.000	0.000		NA	NA	NA	NA	NA	
SR2	29/8/2017	Mid-Flood	Cloudy	Moderate	13:36	9	B	8	2	7.70		29.70		25.94		76.9		5.28			10.2			0.02			0.000			NA	NA	NA	NA		
SR2	29/8/2017	Mid-Flood	Cloudy	Moderate	13:36	9	B	8	3																					NA	NA	NA	NA		
SR3	29/8/2017	Mid-Flood	Cloudy	Moderate	12:50	8	S	1	1	7.39	7.39	24.29	24.29	27.16	27.16	84.9	85.0	5.90	5.95	5.70	9.9	10.0	10.6	0.07	0.07	0.07	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA
SR3	29/8/2017	Mid-Flood	Cloudy	Moderate	12:50	8	S	1	2	7.39		24.29		27.16		85.0		6.00			10.0			0.07			0.001			NA	NA	NA	NA		
SR3	29/8/2017	Mid-Flood	Cloudy	Moderate	12:50	8	S	1	3																					NA	NA	NA	NA		
SR3	29/8/2017	Mid-Flood	Cloudy	Moderate	12:50	8	M	4	1	7.59	7.59	27.00	27.00	26.32	26.32	77.8	77.9	5.40	5.45		11.2	11.3		0.03	0.04		0.001	0.001		NA	NA	NA	NA	NA	NA
SR3	29/8/2017	Mid-Flood	Cloudy	Moderate	12:50	8	M	4	2	7.59		27.00		26.32		77.9		5.50			11.3			0.04			0.001			NA	NA	NA	NA		
SR3	29/8/2017	Mid-Flood	Cloudy	Moderate	12:50	8	M	4	3																					NA	NA	NA	NA		
SR3	29/8/2017	Mid-Flood	Cloudy	Moderate	12:50	8	B	7	1	7.70	7.70	29.00	29.00	26.06	26.06	77.1	77.2	5.30	5.31		10.6	10.7		0.10	0.10		0.002	0.002		NA	NA	NA	NA	NA	
SR3	29/8/2017	Mid-Flood	Cloudy	Moderate	12:50	8	B	7	2	7.70		29.00		26.06		77.2		5.31			10.7			0.10			0.002			NA	NA	NA	NA		
SR3	29/8/2017	Mid-Flood	Cloudy	Moderate	12:50	8	B	7	3																					NA	NA	NA	NA		

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR4	29/8/2017	Mid-Flood	Cloudy	Moderate	12:38	4	S	1	1	7.67	7.68	23.30	23.30	27.40	27.55	85.3	85.4	5.91	5.92	5.92	9.9	10.0	9.3	0.08	0.09	0.08	0.002	0.002	0.002	NA	NA	NA	NA	NA	NA
SR4	29/8/2017	Mid-Flood	Cloudy	Moderate	12:38	4	S	1	2	7.68		23.30		27.70		85.4		5.92			10.1			0.09			0.002			NA	NA	NA	NA		
SR4	29/8/2017	Mid-Flood	Cloudy	Moderate	12:38	4	S	1	3																					NA	NA	NA	NA		
SR4	29/8/2017	Mid-Flood	Cloudy	Moderate	12:38	4	M		1																					NA	NA	NA	NA		
SR4	29/8/2017	Mid-Flood	Cloudy	Moderate	12:38	4	M		2		NA		NA		NA		NA		NA			NA			NA			NA		NA	NA	NA	NA	NA
SR4	29/8/2017	Mid-Flood	Cloudy	Moderate	12:38	4	M		3																					NA	NA	NA	NA		
SR4	29/8/2017	Mid-Flood	Cloudy	Moderate	12:38	4	B	3	1	7.70	7.70	28.40	28.40	26.04	26.04	72.4	72.5	5.00	5.01		8.6	8.7		0.07	0.07		0.002	0.002		NA	NA	NA	NA	NA	
SR4	29/8/2017	Mid-Flood	Cloudy	Moderate	12:38	4	B	3	2	7.70		28.40		26.04		72.5		5.01			8.7			0.07			0.002			NA	NA	NA	NA		
SR4	29/8/2017	Mid-Flood	Cloudy	Moderate	12:38	4	B	3	3																					NA	NA	NA	NA		
SR5	29/8/2017	Mid-Flood	Cloudy	Moderate	13:47	11	S	1	1	7.30	7.30	21.90	21.90	27.50	27.50	84.8	84.9	5.90	5.95	5.91	10.4	10.5	10.4	NA	NA	NA	NA	NA	NA	0.05	0.80	0.23	1.08	1.09	1.08
SR5	29/8/2017	Mid-Flood	Cloudy	Moderate	13:47	11	S	1	2	7.30		21.90		27.50		84.9		6.00			10.5			NA			NA			0.05	0.81	0.23	1.09		
SR5	29/8/2017	Mid-Flood	Cloudy	Moderate	13:47	11	S	1	3																					0.05	0.81	0.23	1.09		
SR5	29/8/2017	Mid-Flood	Cloudy	Moderate	13:47	11	M	5.5	1	7.54	7.54	22.38	22.38	27.40	27.40	84.0	84.1	5.86	5.87		10.4	10.5		NA	NA		NA	NA		0.05	0.80	0.24	1.09	1.08	
SR5	29/8/2017	Mid-Flood	Cloudy	Moderate	13:47	11	M	5.5	2	7.54		22.38		27.40		84.1		5.87			10.5			NA			NA			0.05	0.79	0.23	1.07		
SR5	29/8/2017	Mid-Flood	Cloudy	Moderate	13:47	11	M	5.5	3																					0.05	0.80	0.24	1.09		
SR5	29/8/2017	Mid-Flood	Cloudy	Moderate	13:47	11	B	10	1	7.70	7.70	24.00	24.00	27.00	27.00	82.5	82.6	5.70	5.75		10.3	10.4		NA	NA		NA	NA		0.03	0.80	0.24	1.07	1.06	
SR5	29/8/2017	Mid-Flood	Cloudy	Moderate	13:47	11	B	10	2	7.70		24.00		27.00		82.6		5.80			10.4			NA			NA			0.02	0.80	0.24	1.06		
SR5	29/8/2017	Mid-Flood	Cloudy	Moderate	13:47	11	B	10	3																					0.02	0.80	0.24	1.06		
SR12	29/8/2017	Mid-Flood	Cloudy	Moderate	12:24	15	S	1	1	7.64	7.64	26.02	26.02	26.73	26.74	79.9	79.9	5.55	5.55	5.37	0.8	0.8	0.8	0.16	0.16	0.14	0.004	0.003	0.002	NA	NA	NA	NA	NA	NA
SR12	29/8/2017	Mid-Flood	Cloudy	Moderate	12:24	15	S	1	2	7.64		26.02		26.74		79.8		5.54			0.8			0.15			0.003			NA	NA	NA	NA		
SR12	29/8/2017	Mid-Flood	Cloudy	Moderate	12:24	15	S	1	3																					NA	NA	NA	NA		
SR12	29/8/2017	Mid-Flood	Cloudy	Moderate	12:24	15	M	7.5	1	7.12	7.12	27.30	27.30	26.79	26.79	74.7	74.8	5.18	5.19		0.8	0.8		0.15	0.15		0.001	0.001		NA	NA	NA	NA	NA	NA
SR12	29/8/2017	Mid-Flood	Cloudy	Moderate	12:24	15	M	7.5	2	7.12		27.30		26.79		74.8		5.19			0.8			0.15			0.001			NA	NA	NA	NA		
SR12	29/8/2017	Mid-Flood	Cloudy	Moderate	12:24	15	M	7.5	3																					NA	NA	NA	NA		
SR12	29/8/2017	Mid-Flood	Cloudy	Moderate	12:24	15	B	14	1	7.53	7.53	29.05	29.05	26.03	26.03	72.9	72.9	5.01	5.01		0.8	0.8		0.10	0.10		0.002	0.002		NA	NA	NA	NA	NA	
SR12	29/8/2017	Mid-Flood	Cloudy	Moderate	12:24	15	B	14	2	7.53		29.05		26.03		72.8		5.00			0.8			0.10			0.002			NA	NA	NA	NA		
SR12	29/8/2017	Mid-Flood	Cloudy	Moderate	12:24	15	B	14	3																					NA	NA	NA	NA		
SR13	29/8/2017	Mid-Flood	Cloudy	Moderate	12:01	14	S	1	1	7.60	7.60	28.48	28.48	26.50	26.50	75.5	75.6	5.17	5.18	5.16	1.0	1.1	1.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	29/8/2017	Mid-Flood	Cloudy	Moderate	12:01	14	S	1	2	7.60		28.48		26.50		75.6		5.18			1.1			NA			NA			NA	NA	NA	NA		
SR13	29/8/2017	Mid-Flood	Cloudy	Moderate	12:01	14	S	1	3																					NA	NA	NA	NA		
SR13	29/8/2017	Mid-Flood	Cloudy	Moderate	12:01	14	M	7	1	7.68	7.68	28.80	28.80	26.32	26.32	74.6	74.7	5.13	5.14		1.0	1.1	1.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	29/8/2017	Mid-Flood	Cloudy	Moderate	12:01	14	M	7	2	7.68		28.80		26.32		74.7		5.14			1.1			NA			NA			NA	NA	NA	NA		
SR13	29/8/2017	Mid-Flood	Cloudy	Moderate	12:01	14	M	7	3																					NA	NA	NA	NA		
SR13	29/8/2017	Mid-Flood	Cloudy	Moderate	12:01	14	B	13	1	7.75	7.75	30.05	30.05	25.91	25.92	72.1	72.2	4.95	4.96		1.0	1.1		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	29/8/2017	Mid-Flood	Cloudy	Moderate	12:01	14	B	13	2	7.75		30.05		25.93		72.2		4.96			1.1			NA			NA			NA	NA	NA	NA		
SR13	29/8/2017	Mid-Flood	Cloudy	Moderate	12:01	14	B	13	3																					NA	NA	NA	NA		

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
C1A	29/8/2017	Mid-Flood	Cloudy	Moderate	14:00	28	S	1	1	4	4	4	0.10	0.07	0.05	0.002	0.001	0.001	0.10	0.82	0.22	1.14	1.12	1.09	3100	2893	2039	NA	NA	NA	1	1	1
C1A	29/8/2017	Mid-Flood	Cloudy	Moderate	14:00	28	S	1	2	3			0.04			0.001			0.04	0.82	0.24	1.10			2700			NA			<1		
C1A	29/8/2017	Mid-Flood	Cloudy	Moderate	14:00	28	S	1	3										0.05	0.83	0.24	1.12											
C1A	29/8/2017	Mid-Flood	Cloudy	Moderate	14:00	28	M	14	1	4			0.04			0.001			0.04	0.81	0.23	1.08			1100			NA			<1		
C1A	29/8/2017	Mid-Flood	Cloudy	Moderate	14:00	28	M	14	2	3			0.02			0.000			0.02	0.80	0.24	1.06			900			NA			<1		
C1A	29/8/2017	Mid-Flood	Cloudy	Moderate	14:00	28	M	14	3										0.02	0.80	0.24	1.06											
C1A	29/8/2017	Mid-Flood	Cloudy	Moderate	14:00	28	B	27	1	5	5		0.04	0.04		0.001	0.001		0.04	0.79	0.24	1.07	1.07		3100	2946		NA	NA		<1	1	
C1A	29/8/2017	Mid-Flood	Cloudy	Moderate	14:00	28	B	27	2	4			0.04			0.001			0.04	0.80	0.24	1.08			2800			NA			<1		
C1A	29/8/2017	Mid-Flood	Cloudy	Moderate	14:00	28	B	27	3										0.02	0.79	0.25	1.06											
C2A	29/8/2017	Mid-Flood	Cloudy	Moderate	11:45	13	S	1	1	4	3	6	0.31	0.30	0.29	0.009	0.008	0.008	0.31	0.21	0.04	0.56	0.54	0.53	1900	2090	1053	NA	NA	NA	<1	1	1
C2A	29/8/2017	Mid-Flood	Cloudy	Moderate	11:45	13	S	1	2	2			0.28			0.008			0.28	0.21	0.04	0.53			2300			NA			<1		
C2A	29/8/2017	Mid-Flood	Cloudy	Moderate	11:45	13	S	1	3										0.28	0.21	0.03	0.52											
C2A	29/8/2017	Mid-Flood	Cloudy	Moderate	11:45	13	M	6.5	1	4	5		0.26	0.26		0.007	0.007		0.26	0.21	0.04	0.51	0.50		250	283		NA	NA		<1	1	
C2A	29/8/2017	Mid-Flood	Cloudy	Moderate	11:45	13	M	6.5	2	6			0.26			0.007			0.26	0.20	0.04	0.50			320			NA			<1		
C2A	29/8/2017	Mid-Flood	Cloudy	Moderate	11:45	13	M	6.5	3										0.23	0.21	0.04	0.48											
C2A	29/8/2017	Mid-Flood	Cloudy	Moderate	11:45	13	B	12	1	8	9		0.31	0.31		0.009	0.009		0.31	0.21	0.03	0.55	0.56		2300	1977		NA	NA		2	2	
C2A	29/8/2017	Mid-Flood	Cloudy	Moderate	11:45	13	B	12	2	9			0.30			0.009			0.30	0.22	0.03	0.55			1700			NA			2		
C2A	29/8/2017	Mid-Flood	Cloudy	Moderate	11:45	13	B	12	3										0.34	0.22	0.03	0.59											
G2	29/8/2017	Mid-Flood	Cloudy	Moderate	13:21	12	S	1	1	9	9	8	NA	NA	NA	NA	NA	NA	0.02	0.63	0.17	0.82	0.82	0.81	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	29/8/2017	Mid-Flood	Cloudy	Moderate	13:21	12	S	1	2	9			NA			NA			0.03	0.62	0.17	0.82			NA			NA			NA		
G2	29/8/2017	Mid-Flood	Cloudy	Moderate	13:21	12	S	1	3										0.02	0.62	0.17	0.81											
G2	29/8/2017	Mid-Flood	Cloudy	Moderate	13:21	12	M	6	1	8	8		NA	NA		NA	NA		0.02	0.63	0.16	0.81	0.81		NA	NA		NA	NA		NA	NA	
G2	29/8/2017	Mid-Flood	Cloudy	Moderate	13:21	12	M	6	2	8			NA			NA			0.02	0.63	0.16	0.81			NA			NA			NA		
G2	29/8/2017	Mid-Flood	Cloudy	Moderate	13:21	12	M	6	3										0.03	0.62	0.16	0.81											
G2	29/8/2017	Mid-Flood	Cloudy	Moderate	13:21	12	B	11	1	8	8		NA	NA		NA	NA		0.02	0.62	0.17	0.81	0.81		NA	NA		NA	NA		NA	NA	
G2	29/8/2017	Mid-Flood	Cloudy	Moderate	13:21	12	B	11	2	8			NA			NA			0.01	0.62	0.17	0.80			NA			NA			NA		
G2	29/8/2017	Mid-Flood	Cloudy	Moderate	13:21	12	B	11	3										0.02	0.62	0.18	0.82											
SR2	29/8/2017	Mid-Flood	Cloudy	Moderate	13:36	9	S	1	1	7	6	6	0.02	0.05	0.07	0.000	0.001	0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	29/8/2017	Mid-Flood	Cloudy	Moderate	13:36	9	S	1	2	5			0.08			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	29/8/2017	Mid-Flood	Cloudy	Moderate	13:36	9	S	1	3										NA	NA	NA	NA											
SR2	29/8/2017	Mid-Flood	Cloudy	Moderate	13:36	9	M	4.5	1	6	6		0.10	0.13		0.002	0.003		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	29/8/2017	Mid-Flood	Cloudy	Moderate	13:36	9	M	4.5	2	6			0.16			0.004			NA	NA	NA	NA			NA			NA			NA		
SR2	29/8/2017	Mid-Flood	Cloudy	Moderate	13:36	9	M	4.5	3										NA	NA	NA	NA											
SR2	29/8/2017	Mid-Flood	Cloudy	Moderate	13:36	9	B	8	1	6	6		0.02	0.02		0.000	0.000		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	29/8/2017	Mid-Flood	Cloudy	Moderate	13:36	9	B	8	2	5			0.02			0.000			NA	NA	NA	NA			NA			NA			NA		
SR2	29/8/2017	Mid-Flood	Cloudy	Moderate	13:36	9	B	8	3										NA	NA	NA	NA											
SR3	29/8/2017	Mid-Flood	Cloudy	Moderate	12:50	8	S	1	1	8	7	7	0.07	0.07	0.06	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	29/8/2017	Mid-Flood	Cloudy	Moderate	12:50	8	S	1	2	6			0.07			0.001			NA	NA	NA	NA			NA			NA			NA		
SR3	29/8/2017	Mid-Flood	Cloudy	Moderate	12:50	8	S	1	3										NA	NA	NA	NA											
SR3	29/8/2017	Mid-Flood	Cloudy	Moderate	12:50	8	M	4	1	7	7		0.02	0.03		0.000	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	29/8/2017	Mid-Flood	Cloudy	Moderate	12:50	8	M	4	2	7			0.04			0.001			NA	NA	NA	NA			NA			NA			NA		
SR3	29/8/2017	Mid-Flood	Cloudy	Moderate	12:50	8	M	4	3										NA	NA	NA	NA											
SR3	29/8/2017	Mid-Flood	Cloudy	Moderate	12:50	8	B	7	1	6	7		0.11	0.09		0.003	0.002		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	29/8/2017	Mid-Flood	Cloudy	Moderate	12:50	8	B	7	2	7			0.06			0.001			NA	NA	NA	NA			NA			NA			NA		
SR3	29/8/2017	Mid-Flood	Cloudy	Moderate	12:50	8	B	7	3										NA	NA	NA	NA											

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
SR4	29/8/2017	Mid-Flood	Cloudy	Moderate	12:38	4	S	1	1	4	6	6	0.08	0.09	0.08	0.002	0.002	0.002	NA	NA	NA	NA	NA	NA	1300	1691	199	NA	NA	NA	<1	1	1
SR4	29/8/2017	Mid-Flood	Cloudy	Moderate	12:38	4	S	1	2	7			0.09			0.002			NA	NA	NA	NA			2200			NA			<1		
SR4	29/8/2017	Mid-Flood	Cloudy	Moderate	12:38	4	S	1	3										NA	NA	NA	NA											
SR4	29/8/2017	Mid-Flood	Cloudy	Moderate	12:38	4	M		1		NA			NA			NA		NA	NA	NA	NA	NA			NA		NA	NA				
SR4	29/8/2017	Mid-Flood	Cloudy	Moderate	12:38	4	M		2										NA	NA	NA	NA											
SR4	29/8/2017	Mid-Flood	Cloudy	Moderate	12:38	4	M		3										NA	NA	NA	NA											
SR4	29/8/2017	Mid-Flood	Cloudy	Moderate	12:38	4	B	3	1	6	6		0.07	0.07		0.002	0.002		NA	NA	NA	NA	NA		26	23		NA	NA		<1	1	
SR4	29/8/2017	Mid-Flood	Cloudy	Moderate	12:38	4	B	3	2	6			0.07			0.002			NA	NA	NA	NA			21			NA			<1		
SR4	29/8/2017	Mid-Flood	Cloudy	Moderate	12:38	4	B	3	3										NA	NA	NA	NA											
SR5	29/8/2017	Mid-Flood	Cloudy	Moderate	13:47	11	S	1	1	7	7	8	NA	NA	NA	NA	NA	NA	0.05	0.80	0.23	1.08	1.08	1.07	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	29/8/2017	Mid-Flood	Cloudy	Moderate	13:47	11	S	1	2	7			NA			NA			0.04	0.81	0.23	1.08			NA			NA			NA		
SR5	29/8/2017	Mid-Flood	Cloudy	Moderate	13:47	11	S	1	3										0.04	0.81	0.23	1.08											
SR5	29/8/2017	Mid-Flood	Cloudy	Moderate	13:47	11	M	5.5	1	9	9		NA	NA		NA	NA		0.04	0.80	0.24	1.08	1.08		NA	NA		NA	NA		NA	NA	
SR5	29/8/2017	Mid-Flood	Cloudy	Moderate	13:47	11	M	5.5	2	8			NA			NA			0.06	0.79	0.23	1.08			NA			NA			NA		
SR5	29/8/2017	Mid-Flood	Cloudy	Moderate	13:47	11	M	5.5	3										0.03	0.80	0.24	1.07											
SR5	29/8/2017	Mid-Flood	Cloudy	Moderate	13:47	11	B	10	1	9	9		NA	NA		NA	NA		0.03	0.80	0.24	1.07	1.06		NA	NA		NA	NA		NA	NA	
SR5	29/8/2017	Mid-Flood	Cloudy	Moderate	13:47	11	B	10	2	9			NA			NA			0.02	0.80	0.24	1.06			NA			NA			NA		
SR5	29/8/2017	Mid-Flood	Cloudy	Moderate	13:47	11	B	10	3										0.02	0.80	0.24	1.06											
SR12	29/8/2017	Mid-Flood	Cloudy	Moderate	12:24	15	S	1	1	10	10	10	0.16	0.15	0.14	0.004	0.003	0.002	NA	NA	NA	NA	NA	NA	460	489	1087	NA	NA	NA	1	1	1
SR12	29/8/2017	Mid-Flood	Cloudy	Moderate	12:24	15	S	1	2	10			0.15			0.003			NA	NA	NA	NA			520			NA			1		
SR12	29/8/2017	Mid-Flood	Cloudy	Moderate	12:24	15	S	1	3										NA	NA	NA	NA											
SR12	29/8/2017	Mid-Flood	Cloudy	Moderate	12:24	15	M	7.5	1	9	10		0.15	0.15		0.001	0.001		NA	NA	NA	NA	NA		1500	1285		NA	NA		<1	1	
SR12	29/8/2017	Mid-Flood	Cloudy	Moderate	12:24	15	M	7.5	2	10			0.15			0.001			NA	NA	NA	NA			1100			NA			<1		
SR12	29/8/2017	Mid-Flood	Cloudy	Moderate	12:24	15	M	7.5	3										NA	NA	NA	NA											
SR12	29/8/2017	Mid-Flood	Cloudy	Moderate	12:24	15	B	14	1	10	11		0.10	0.11		0.002	0.002		NA	NA	NA	NA	NA		2200	2045		NA	NA		<1	1	
SR12	29/8/2017	Mid-Flood	Cloudy	Moderate	12:24	15	B	14	2	12			0.12			0.002			NA	NA	NA	NA			1900			NA			<1		
SR12	29/8/2017	Mid-Flood	Cloudy	Moderate	12:24	15	B	14	3										NA	NA	NA	NA											
SR13	29/8/2017	Mid-Flood	Cloudy	Moderate	12:01	14	S	1	1	10	11	11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	29/8/2017	Mid-Flood	Cloudy	Moderate	12:01	14	S	1	2	12			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	29/8/2017	Mid-Flood	Cloudy	Moderate	12:01	14	S	1	3										NA	NA	NA	NA											
SR13	29/8/2017	Mid-Flood	Cloudy	Moderate	12:01	14	M	7	1	12	11		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	29/8/2017	Mid-Flood	Cloudy	Moderate	12:01	14	M	7	2	10			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	29/8/2017	Mid-Flood	Cloudy	Moderate	12:01	14	M	7	3										NA	NA	NA	NA											
SR13	29/8/2017	Mid-Flood	Cloudy	Moderate	12:01	14	B	13	1	11	11		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	29/8/2017	Mid-Flood	Cloudy	Moderate	12:01	14	B	13	2	10			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	29/8/2017	Mid-Flood	Cloudy	Moderate	12:01	14	B	13	3										NA	NA	NA	NA											

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
C1A	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:00	28	S	1	1	7.68	7.68	20.80	20.80	28.00	28.00	87.2	87.2	6.06	6.06	5.78	10.7	10.8	11.1	0.05	0.05	0.05	0.001	0.001	0.001	0.05	0.79	0.20	1.04	1.08	1.09
C1A	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:00	28	S	1	2	7.68		20.80		28.00		87.2		6.06			10.8			0.05			0.001			0.05	0.81	0.24	1.10		
C1A	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:00	28	S	1	3																					0.05	0.81	0.24	1.10		
C1A	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:00	28	M	14	1	7.60	7.60	24.90	24.90	26.70	26.70	79.0	79.1	5.50	5.50		11.0	11.1		0.05	0.05		0.001	0.001		0.05	0.80	0.25	1.10	1.10	
C1A	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:00	28	M	14	2	7.60		24.90		26.70		79.1		5.50			11.1			0.05			0.001			0.05	0.81	0.24	1.10		
C1A	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:00	28	M	14	3																					0.05	0.81	0.24	1.10		
C1A	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:00	28	B	27	1	7.60	7.60	26.35	26.35	26.46	26.46	77.4	77.5	5.37	5.38		11.4	11.5		0.05	0.05		0.001	0.001		0.05	0.80	0.24	1.09	1.09	
C1A	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:00	28	B	27	2	7.60		26.35		26.46		77.5		5.38			11.5			0.05			0.001			0.05	0.80	0.24	1.09		
C1A	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:00	28	B	27	3																					0.05	0.80	0.23	1.08		
C2A	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:33	13	S	1	1	7.60	7.60	29.50	29.50	26.24	26.24	75.2	75.3	5.13	5.12	5.09	1.2	1.2	1.2	0.30	0.30	0.27	0.006	0.006	0.006	0.30	0.22	0.03	0.55	0.56	0.51
C2A	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:33	13	S	1	2	7.60		29.50		26.24		75.3		5.11			1.1			0.30			0.006			0.30	0.23	0.04	0.57		
C2A	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:33	13	S	1	3																					0.30	0.21	0.04	0.55		
C2A	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:33	13	M	6.5	1	7.60	7.60	29.00	29.00	25.90	25.90	75.0	75.1	5.06	5.06		1.2	1.2		0.25	0.25		0.005	0.005		0.25	0.21	0.04	0.50	0.49	
C2A	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:33	13	M	6.5	2	7.60		29.00		25.90		75.1		5.05			1.1			0.25			0.005			0.25	0.20	0.04	0.49		
C2A	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:33	13	M	6.5	3																					0.25	0.20	0.04	0.49		
C2A	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:33	13	B	12	1	7.78	7.78	30.10	30.10	25.82	25.82	71.2	71.2	4.88	4.89		1.3	1.3		0.25	0.25		0.007	0.007		0.25	0.21	0.03	0.49	0.49	
C2A	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:33	13	B	12	2	7.78		30.10		25.82		71.1		4.89			1.2			0.25			0.007			0.25	0.21	0.03	0.49		
C2A	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:33	13	B	12	3																					0.25	0.21	0.03	0.49		
G2	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:40	12	S	1	1	7.20	7.20	24.14	24.14	27.24	27.24	84.5	84.6	5.60	5.65	5.50	9.8	9.9	10.6	NA	NA	NA	NA	NA	NA	0.02	0.63	0.16	0.81	0.81	0.81
G2	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:40	12	S	1	2	7.20		24.14		27.24		84.6		5.70			9.9			NA			NA			0.02	0.63	0.16	0.81		
G2	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:40	12	S	1	3																					0.02	0.62	0.17	0.81		
G2	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:40	12	M	6	1	7.74	7.74	28.04	28.04	26.22	26.22	77.5	77.6	5.30	5.35		11.1	11.2		NA	NA		NA	NA		0.02	0.63	0.17	0.82	0.81	
G2	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:40	12	M	6	2	7.74		28.04		26.22		77.6		5.40			11.2			NA			NA			0.02	0.63	0.16	0.81		
G2	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:40	12	M	6	3																					0.02	0.63	0.16	0.81		
G2	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:40	12	B	11	1	7.70	7.70	28.48	28.44	26.15	26.15	77.0	77.0	5.30	5.32		10.6	10.7		NA	NA		NA	NA		0.02	0.63	0.17	0.82	0.81	
G2	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:40	12	B	11	2	7.70		28.40		26.15		77.0		5.34			10.7			NA			NA			0.02	0.62	0.16	0.80		
G2	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:40	12	B	11	3																					0.02	0.62	0.17	0.81		
SR2	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:24	9	S	1	1	7.70	7.70	24.30	24.30	27.40	27.40	84.8	84.9	5.86	5.87	5.86	10.2	10.3	10.2	0.10	0.10	0.10	0.003	0.003	0.003	NA	NA	NA	NA	NA	NA
SR2	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:24	9	S	1	2	7.70		24.30		27.40		84.9		5.88			10.3			0.10			0.003			NA	NA	NA	NA		
SR2	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:24	9	S	1	3																					NA	NA	NA	NA		
SR2	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:24	9	M	4.5	1	7.70	7.70	24.00	24.00	27.20	27.20	83.8	83.9	5.80	5.85		10.2	10.3		0.10	0.10		0.003	0.003		NA	NA	NA	NA	NA	
SR2	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:24	9	M	4.5	2	7.70		24.00		27.20		83.9		5.90			10.3			0.10			0.003			NA	NA	NA	NA		
SR2	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:24	9	M	4.5	3																					NA	NA	NA	NA		
SR2	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:24	9	B	8	1	7.70	7.70	29.40	29.40	26.00	26.00	76.0	76.1	5.30	5.35		10.0	10.1		0.10	0.10		0.002	0.002		NA	NA	NA	NA	NA	
SR2	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:24	9	B	8	2	7.70		29.40		26.00		76.1		5.40			10.1			0.10			0.002			NA	NA	NA	NA		
SR2	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:24	9	B	8	3																					NA	NA	NA	NA		
SR3	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:51	8	S	1	1	7.37	7.37	24.20	24.20	27.20	27.20	84.5	84.6	5.60	5.65	5.50	9.8	9.9	10.6	0.16	0.16	0.12	0.002	0.002	0.002	NA	NA	NA	NA	NA	NA
SR3	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:51	8	S	1	2	7.37		24.20		27.20		84.6		5.70			9.9			0.15			0.002			NA	NA	NA	NA		
SR3	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:51	8	S	1	3																					NA	NA	NA	NA		
SR3	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:51	8	M	4	1	7.55	7.55	26.10	26.15	26.30	26.35	77.5	77.6	5.30	5.35		11.1	11.2		0.10	0.10		0.002	0.002		NA	NA	NA	NA	NA	
SR3	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:51	8	M	4	2	7.55		26.20		26.40		77.6		5.40			11.2			0.10			0.002			NA	NA	NA	NA		
SR3	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:51	8	M	4	3																					NA	NA	NA	NA		
SR3	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:51	8	B	7	1	7.70	7.70	29.00	29.00	26.00	26.00	77.0	77.1	5.30	5.30		10.6	10.7		0.10	0.10		0.002	0.002		NA	NA	NA	NA	NA	
SR3	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:51	8	B	7	2	7.70		29.00		26.00		77.1		5.30			10.7			0.10			0.002			NA	NA	NA	NA		
SR3	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:51	8	B	7	3																					NA	NA	NA	NA		

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR4	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:00	4	S	1	1	7.60	7.60	23.65	23.65	27.30	27.30	85.5	85.6	5.92	5.91	5.91	10.1	10.2	9.4	0.10	0.10	0.10	0.002	0.002	0.002	NA	NA	NA	NA	NA	NA
SR4	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:00	4	S	1	2	7.60		23.65		27.30		85.6		5.89			10.3			0.10			0.002			NA	NA	NA	NA		
SR4	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:00	4	S	1	3																					NA	NA	NA	NA		
SR4	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:00	4	M		1																					NA	NA	NA	NA		
SR4	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:00	4	M		2		NA		NA		NA		NA		NA			NA			NA			NA		NA	NA	NA	NA	NA
SR4	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:00	4	M		3																					NA	NA	NA	NA		
SR4	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:00	4	B	3	1	7.70	7.70	28.40	28.40	26.50	26.50	72.3	72.4	5.01	5.02		8.7	8.7		0.10	0.10		0.003	0.003		NA	NA	NA	NA	NA	
SR4	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:00	4	B	3	2	7.70		28.40		26.50		72.4		5.02			8.6			0.10			0.003			NA	NA	NA	NA		
SR4	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:00	4	B	3	3																					NA	NA	NA	NA		
SR5	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:11	11	S	1	1	7.60	7.60	21.50	21.50	27.00	27.00	86.0	86.1	6.00	6.05	5.95	10.5	10.6	10.6	NA	NA	NA	NA	NA	NA	0.02	0.80	0.24	1.06	1.06	1.07
SR5	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:11	11	S	1	2	7.60		21.50		27.00		86.1		6.10			10.6			NA			NA			0.02	0.80	0.24	1.06		
SR5	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:11	11	S	1	3																					0.02	0.80	0.24	1.06		
SR5	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:11	11	M	5.5	1	7.60	7.60	22.63	22.63	27.42	27.42	84.0	84.1	5.80	5.85		10.6	10.7		NA	NA		NA	NA		0.04	0.80	0.24	1.08	1.08	
SR5	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:11	11	M	5.5	2	7.60		22.63		27.42		84.1		5.90			10.7			NA			NA			0.04	0.80	0.24	1.08		
SR5	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:11	11	M	5.5	3																					0.04	0.80	0.24	1.08		
SR5	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:11	11	B	10	1	7.59	7.59	23.18	23.18	27.24	27.24	83.0	83.1	5.78	5.79		10.4	10.5		NA	NA		NA	NA		0.03	0.80	0.24	1.07	1.07	
SR5	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:11	11	B	10	2	7.59		23.18		27.24		83.1		5.79			10.5			NA			NA			0.03	0.81	0.23	1.07		
SR5	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:11	11	B	10	3																					0.03	0.81	0.23	1.07		
SR12	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:12	15	S	1	1	7.63	7.63	26.01	26.01	26.53	26.53	79.6	79.7	5.54	5.55	5.36	0.7	0.8	0.8	0.15	0.15	0.14	0.003	0.003	0.002	NA	NA	NA	NA	NA	NA
SR12	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:12	15	S	1	2	7.63		26.01		26.53		79.7		5.56			0.8			0.14			0.003			NA	NA	NA	NA		
SR12	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:12	15	S	1	3																					NA	NA	NA	NA		
SR12	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:12	15	M	7.5	1	7.11	7.11	27.30	27.30	26.28	26.28	74.6	74.7	5.17	5.18		0.7	0.7		0.16	0.16		0.001	0.001		NA	NA	NA	NA	NA	NA
SR12	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:12	15	M	7.5	2	7.11		27.30		26.28		74.7		5.18			0.6			0.16			0.001			NA	NA	NA	NA		
SR12	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:12	15	M	7.5	3																					NA	NA	NA	NA		
SR12	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:12	15	B	14	1	7.50	7.50	29.04	29.04	26.03	26.03	72.9	72.9	5.01	5.02		0.9	0.9		0.11	0.11		0.002	0.002		NA	NA	NA	NA	NA	
SR12	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:12	15	B	14	2	7.50		29.04		26.03		72.8		5.03			0.8			0.10			0.002			NA	NA	NA	NA		
SR12	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:12	15	B	14	3																					NA	NA	NA	NA		
SR13	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:22	14	S	1	1	7.60	7.60	28.48	28.48	26.51	26.52	75.5	75.6	5.16	5.17	5.15	1.1	1.2	1.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:22	14	S	1	2	7.60		28.48		26.52		75.6		5.17			1.2			NA			NA			NA	NA	NA	NA		
SR13	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:22	14	S	1	3																					NA	NA	NA	NA		
SR13	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:22	14	M	7	1	7.69	7.69	28.70	28.70	26.10	26.10	74.5	74.6	5.12	5.13		1.0	1.1		NA	NA		NA	NA		NA	NA	NA	NA	NA	NA
SR13	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:22	14	M	7	2	7.69		28.70		26.10		74.6		5.13			1.1			NA			NA			NA	NA	NA	NA		
SR13	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:22	14	M	7	3																					NA	NA	NA	NA		
SR13	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:22	14	B	13	1	7.75	7.75	30.00	30.00	25.90	25.90	72.2	72.3	4.95	4.96		1.0	1.1		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:22	14	B	13	2	7.75		30.00		25.90		72.3		4.96			1.1			NA			NA			NA	NA	NA	NA		
SR13	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:22	14	B	13	3																					NA	NA	NA	NA		

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
C1A	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:00	28	S	1	1	6	5	5	0.08	0.07	0.04	0.002	0.002	0.001	0.08	0.79	0.20	1.07	1.09	1.08	420	399	178	NA	NA	NA	<1	1	1
C1A	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:00	28	S	1	2	4			0.05			0.001			0.05	0.81	0.24	1.10			380			NA			1		
C1A	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:00	28	S	1	3										0.04	0.81	0.24	1.09											
C1A	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:00	28	M	14	1	4	4		0.02	0.02		0.000	0.000		0.02	0.80	0.25	1.07	1.07		42	47		NA	NA		1	1	
C1A	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:00	28	M	14	2	4			0.02			0.000			0.02	0.81	0.24	1.07			53			NA			<1		
C1A	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:00	28	M	14	3										0.03	0.81	0.24	1.08											
C1A	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:00	28	B	27	1	5	6		0.04	0.04		0.001	0.001		0.04	0.80	0.24	1.08	1.08		320	299		NA	NA		<1	1	
C1A	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:00	28	B	27	2	6			0.03			0.001			0.03	0.80	0.24	1.07			280			NA			<1		
C1A	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:00	28	B	27	3										0.05	0.80	0.23	1.08											
C2A	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:33	13	S	1	1	6	6	7	0.25	0.29	0.25	0.005	0.006	0.006	0.25	0.22	0.03	0.50	0.55	0.50	1400	1631	1522	NA	NA	NA	<1	1	1
C2A	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:33	13	S	1	2	6			0.33			0.006			0.33	0.23	0.04	0.60			1900			NA			<1		
C2A	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:33	13	S	1	3										0.30	0.21	0.04	0.55											
C2A	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:33	13	M	6.5	1	6	7		0.26	0.24		0.005	0.005		0.26	0.21	0.04	0.51	0.47		1800	2078		NA	NA		<1	1	
C2A	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:33	13	M	6.5	2	7			0.21			0.004			0.21	0.20	0.04	0.45			2400			NA			<1		
C2A	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:33	13	M	6.5	3										0.22	0.20	0.04	0.46											
C2A	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:33	13	B	12	1	8	8		0.24	0.24		0.007	0.007		0.24	0.21	0.03	0.48	0.48		900	1039		NA	NA		2	2	
C2A	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:33	13	B	12	2	8			0.23			0.007			0.23	0.21	0.03	0.47			1200			NA			2		
C2A	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:33	13	B	12	3										0.25	0.21	0.03	0.49											
G2	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:40	12	S	1	1	7	7	7	NA	NA	NA	NA	NA	NA	0.02	0.63	0.16	0.81	0.81	0.81	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:40	12	S	1	2	6			NA			NA			0.02	0.63	0.16	0.81			NA			NA			NA		
G2	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:40	12	S	1	3										0.02	0.62	0.17	0.81											
G2	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:40	12	M	6	1	5	6		NA	NA		NA	NA		0.02	0.63	0.17	0.82	0.81		NA	NA		NA	NA		NA	NA	
G2	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:40	12	M	6	2	6			NA			NA			0.02	0.63	0.16	0.81			NA			NA			NA		
G2	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:40	12	M	6	3										0.02	0.63	0.16	0.81											
G2	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:40	12	B	11	1	10	9		NA	NA		NA	NA		0.01	0.63	0.17	0.81	0.81		NA	NA		NA	NA		NA	NA	
G2	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:40	12	B	11	2	8			NA			NA			0.02	0.62	0.16	0.80			NA			NA			NA		
G2	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:40	12	B	11	3										0.02	0.62	0.17	0.81											
SR2	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:24	9	S	1	1	6	7	6	0.05	0.09	0.09	0.001	0.002	0.003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:24	9	S	1	2	7			0.13			0.004			NA	NA	NA	NA			NA	NA		NA	NA		NA	NA	
SR2	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:24	9	S	1	3										NA	NA	NA	NA											
SR2	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:24	9	M	4.5	1	6	6		0.05	0.10		0.001	0.003		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:24	9	M	4.5	2	5			0.14			0.004			NA	NA	NA	NA			NA			NA			NA		
SR2	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:24	9	M	4.5	3										NA	NA	NA	NA											
SR2	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:24	9	B	8	1	6	6		0.09	0.10		0.002	0.002		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:24	9	B	8	2	6			0.10			0.002			NA	NA	NA	NA			NA			NA			NA		
SR2	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:24	9	B	8	3										NA	NA	NA	NA											
SR3	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:51	8	S	1	1	6	6	5	0.16	0.16	0.12	0.002	0.002	0.002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:51	8	S	1	2	6			0.15			0.002			NA	NA	NA	NA			NA			NA			NA		
SR3	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:51	8	S	1	3										NA	NA	NA	NA											
SR3	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:51	8	M	4	1	5	5		0.16	0.10		0.003	0.002		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:51	8	M	4	2	5			0.04			0.001			NA	NA	NA	NA			NA			NA			NA		
SR3	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:51	8	M	4	3										NA	NA	NA	NA											
SR3	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:51	8	B	7	1	5	5		0.11	0.10		0.003	0.002		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:51	8	B	7	2	4			0.08			0.002			NA	NA	NA	NA			NA			NA			NA		
SR3	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:51	8	B	7	3										NA	NA	NA	NA											

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
SR4	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:00	4	S	1	1	5	4	5	0.09	0.10	0.08	0.002	0.002	0.002	NA	NA	NA	NA	NA	NA	620	686	166	NA	NA	NA	<1	1	1
SR4	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:00	4	S	1	2	3			0.10			0.002			NA	NA	NA	NA			760			NA			<1		
SR4	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:00	4	S	1	3										NA	NA	NA	NA											
SR4	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:00	4	M		1										NA	NA	NA	NA											
SR4	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:00	4	M		2		NA			NA			NA		NA	NA	NA	NA	NA	NA		NA		NA	NA	NA		NA	
SR4	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:00	4	M		3										NA	NA	NA	NA											
SR4	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:00	4	B	3	1	5	6		0.08	0.07		0.002	0.002		NA	NA	NA	NA	NA		42	40		NA	NA		<1	1	
SR4	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:00	4	B	3	2	6			0.06			0.002			NA	NA	NA	NA			38			NA			<1		
SR4	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:00	4	B	3	3										NA	NA	NA	NA											
SR5	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:11	11	S	1	1	4	4	4	NA	NA	NA	NA	NA	NA	0.02	0.80	0.24	1.06	1.06	1.07	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:11	11	S	1	2	3			NA			NA			0.02	0.80	0.24	1.06			NA			NA			NA		
SR5	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:11	11	S	1	3										0.03	0.80	0.24	1.07											
SR5	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:11	11	M	5.5	1	3			NA			NA			0.04	0.80	0.24	1.08			NA			NA			NA		
SR5	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:11	11	M	5.5	2	4			NA			NA			0.04	0.80	0.24	1.08			NA			NA			NA		
SR5	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:11	11	M	5.5	3										0.04	0.80	0.24	1.08											
SR5	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:11	11	B	10	1	3			NA			NA			0.03	0.80	0.24	1.07			NA			NA			NA		
SR5	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:11	11	B	10	2	4			NA			NA			0.03	0.81	0.23	1.07			NA			NA			NA		
SR5	29/8/2017	Mid-Ebb	Cloudy	Moderate	16:11	11	B	10	3										0.03	0.81	0.23	1.07											
SR12	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:12	15	S	1	1	4	4	5	0.15	0.15	0.14	0.003	0.003	0.002	NA	NA	NA	NA	NA	NA	1500	1643	226	NA	NA	NA	2	2	1
SR12	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:12	15	S	1	2	3			0.14			0.003			NA	NA	NA	NA			1800			NA			2		
SR12	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:12	15	S	1	3										NA	NA	NA	NA											
SR12	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:12	15	M	7.5	1	6	5		0.16	0.16		0.001	0.001		NA	NA	NA	NA	NA		320	362		NA	NA		<1	1	
SR12	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:12	15	M	7.5	2	4			0.16			0.001			NA	NA	NA	NA			410			NA			<1		
SR12	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:12	15	M	7.5	3										NA	NA	NA	NA											
SR12	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:12	15	B	14	1	5	6		0.11	0.11		0.002	0.002		NA	NA	NA	NA	NA		18	19		NA	NA		<1	1	
SR12	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:12	15	B	14	2	7			0.10			0.002			NA	NA	NA	NA			21			NA			<1		
SR12	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:12	15	B	14	3										NA	NA	NA	NA											
SR13	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:22	14	S	1	1	6	5	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:22	14	S	1	2	4			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:22	14	S	1	3										NA	NA	NA	NA											
SR13	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:22	14	M	7	1	8	7		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:22	14	M	7	2	6			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:22	14	M	7	3										NA	NA	NA	NA											
SR13	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:22	14	B	13	1	6	7		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:22	14	B	13	2	7			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	29/8/2017	Mid-Ebb	Cloudy	Moderate	17:22	14	B	13	3										NA	NA	NA	NA											

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
C1A	31/8/2017	Mid-Flood	Cloudy	Moderate	12:30	28	S	1	1	7.76	7.76	18.36	18.36	28.56	28.57	95.3	95.4	6.67	6.68	6.68	1.7	1.8	1.8	0.01	0.01	0.01	0.000	0.000	0.000	0.01	0.98	0.20	1.19	1.19	1.20
C1A	31/8/2017	Mid-Flood	Cloudy	Moderate	12:30	28	S	1	2	7.76		18.36		28.57		95.4		6.68			1.8			0.01			0.000			0.01	0.99	0.19	1.19		
C1A	31/8/2017	Mid-Flood	Cloudy	Moderate	12:30	28	S	1	3																					0.01	0.99	0.20	1.20		
C1A	31/8/2017	Mid-Flood	Cloudy	Moderate	12:30	28	M	14	1	7.75	7.75	18.44	18.44	28.54	28.55	94.9	94.9	6.69	6.69		1.3	1.4	1.6	0.01	0.01	0.01	0.000	0.000	0.000	0.01	0.98	0.22	1.21	1.20	
C1A	31/8/2017	Mid-Flood	Cloudy	Moderate	12:30	28	M	14	2	7.75		18.44		28.55		94.8		6.68			1.4			0.01			0.000			0.01	0.97	0.23	1.21		
C1A	31/8/2017	Mid-Flood	Cloudy	Moderate	12:30	28	M	14	3																					0.01	0.98	0.20	1.19		
C1A	31/8/2017	Mid-Flood	Cloudy	Moderate	12:30	28	B	27	1	7.74	7.74	23.05	23.05	27.55	27.55	84.3	84.4	5.84	5.85		1.6	1.7		0.01	0.01		0.000	0.000		0.01	1.00	0.19	1.20	1.20	
C1A	31/8/2017	Mid-Flood	Cloudy	Moderate	12:30	28	B	27	2	7.74		23.05		27.55		84.4		5.85			1.7			0.01			0.000			0.01	1.00	0.19	1.20		
C1A	31/8/2017	Mid-Flood	Cloudy	Moderate	12:30	28	B	27	3																					0.01	1.00	0.20	1.21		
C2A	31/8/2017	Mid-Flood	Cloudy	Moderate	14:39	13	S	1	1	7.80	7.80	30.25	30.25	26.25	26.25	72.2	72.3	4.93	4.94	4.88	1.6	1.7	2.2	0.25	0.25	0.25	0.008	0.008	0.008	0.25	0.34	0.08	0.67	0.67	0.67
C2A	31/8/2017	Mid-Flood	Cloudy	Moderate	14:39	13	S	1	2	7.80		30.25		26.25		72.3		4.94			1.7			0.25			0.008			0.25	0.35	0.07	0.67		
C2A	31/8/2017	Mid-Flood	Cloudy	Moderate	14:39	13	S	1	3																					0.25	0.35	0.07	0.67		
C2A	31/8/2017	Mid-Flood	Cloudy	Moderate	14:39	13	M	6.5	1	7.81	7.81	31.17	31.17	26.07	26.08	70.8	70.8	4.81	4.82		1.7	1.8		0.25	0.25		0.008	0.008	0.008	0.25	0.35	0.07	0.67	0.67	
C2A	31/8/2017	Mid-Flood	Cloudy	Moderate	14:39	13	M	6.5	2	7.81		31.17		26.08		70.8		4.82			1.8			0.25			0.008			0.25	0.35	0.07	0.67		
C2A	31/8/2017	Mid-Flood	Cloudy	Moderate	14:39	13	M	6.5	3																					0.25	0.36	0.06	0.67		
C2A	31/8/2017	Mid-Flood	Cloudy	Moderate	14:39	13	B	12	1	7.82	7.82	31.62	31.62	25.99	25.99	71.6	71.6	4.86	4.86		3.1	3.1		0.25	0.25		0.008	0.008		0.25	0.35	0.07	0.67	0.67	
C2A	31/8/2017	Mid-Flood	Cloudy	Moderate	14:39	13	B	12	2	7.82		31.62		25.98		71.5		4.85			3.0			0.25			0.008			0.25	0.35	0.07	0.67		
C2A	31/8/2017	Mid-Flood	Cloudy	Moderate	14:39	13	B	12	3																					0.25	0.35	0.07	0.67		
G2	31/8/2017	Mid-Flood	Cloudy	Moderate	13:18	12	S	1	1	7.64	7.64	24.76	24.77	27.70	27.70	84.9	85.0	5.88	5.89	5.68	1.0	1.0	1.2	NA	NA	NA	NA	NA	NA	0.01	0.80	0.16	0.97	0.97	0.94
G2	31/8/2017	Mid-Flood	Cloudy	Moderate	13:18	12	S	1	2	7.64		24.77		27.70		85.0		5.90			1.0			NA			NA			0.01	0.79	0.17	0.97		
G2	31/8/2017	Mid-Flood	Cloudy	Moderate	13:18	12	S	1	3																					0.01	0.79	0.17	0.97		
G2	31/8/2017	Mid-Flood	Cloudy	Moderate	13:18	12	M	6	1	7.73	7.73	26.09	26.09	26.89	26.89	79.6	79.7	5.47	5.48		1.2	1.3		NA	NA		NA	NA		0.01	0.75	0.16	0.92	0.92	
G2	31/8/2017	Mid-Flood	Cloudy	Moderate	13:18	12	M	6	2	7.73		26.09		26.89		79.7		5.48			1.3			NA			NA			0.01	0.74	0.17	0.92		
G2	31/8/2017	Mid-Flood	Cloudy	Moderate	13:18	12	M	6	3																					0.01	0.73	0.17	0.91		
G2	31/8/2017	Mid-Flood	Cloudy	Moderate	13:18	12	B	11	1	7.76	7.76	31.24	31.24	26.10	26.10	75.5	75.6	5.12	5.13		1.3	1.4		NA	NA		NA	NA		0.01	0.76	0.17	0.94	0.94	
G2	31/8/2017	Mid-Flood	Cloudy	Moderate	13:18	12	B	11	2	7.76		31.24		26.10		75.6		5.13			1.4			NA			NA			0.01	0.76	0.17	0.94		
G2	31/8/2017	Mid-Flood	Cloudy	Moderate	13:18	12	B	11	3																					0.01	0.77	0.17	0.95		
SR2	31/8/2017	Mid-Flood	Cloudy	Moderate	13:02	9	S	1	1	7.78	7.79	23.15	23.15	27.92	27.93	95.5	95.6	6.58	6.58	6.53	1.5	1.6	1.6	0.01	0.01	0.01	0.000	0.000	0.000	NA	NA	NA	NA	NA	NA
SR2	31/8/2017	Mid-Flood	Cloudy	Moderate	13:02	9	S	1	2	7.80		23.15		27.93		95.6		6.58			1.6			0.01			0.000			NA	NA	NA	NA		
SR2	31/8/2017	Mid-Flood	Cloudy	Moderate	13:02	9	S	1	3																					NA	NA	NA	NA		
SR2	31/8/2017	Mid-Flood	Cloudy	Moderate	13:02	9	M	4.5	1	7.78	7.78	23.39	23.40	27.76	27.77	93.2	93.3	6.44	6.47		1.4	1.5		0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA	NA
SR2	31/8/2017	Mid-Flood	Cloudy	Moderate	13:02	9	M	4.5	2	7.78		23.40		27.77		93.3		6.50			1.5			0.01			0.000			NA	NA	NA	NA		
SR2	31/8/2017	Mid-Flood	Cloudy	Moderate	13:02	9	M	4.5	3																					NA	NA	NA	NA		
SR2	31/8/2017	Mid-Flood	Cloudy	Moderate	13:02	9	B	8	1	7.76	7.76	25.35	25.35	27.02	27.03	80.7	80.8	5.54	5.55		1.7	1.7		0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA	
SR2	31/8/2017	Mid-Flood	Cloudy	Moderate	13:02	9	B	8	2	7.76		25.35		27.03		80.8		5.55			1.6			0.01			0.000			NA	NA	NA	NA		
SR2	31/8/2017	Mid-Flood	Cloudy	Moderate	13:02	9	B	8	3																					NA	NA	NA	NA		
SR3	31/8/2017	Mid-Flood	Cloudy	Moderate	13:38	8	S	1	1	7.73	7.73	22.84	22.84	27.47	27.48	85.5	85.6	5.95	5.96	5.92	1.1	1.2	1.3	0.01	0.01	0.01	0.000	0.000	0.000	NA	NA	NA	NA	NA	NA
SR3	31/8/2017	Mid-Flood	Cloudy	Moderate	13:38	8	S	1	2	7.73		22.84		27.48		85.6		5.96			1.2			0.01			0.000			NA	NA	NA	NA		
SR3	31/8/2017	Mid-Flood	Cloudy	Moderate	13:38	8	S	1	3																					NA	NA	NA	NA		
SR3	31/8/2017	Mid-Flood	Cloudy	Moderate	13:38	8	M	4	1	7.75	7.75	23.00	23.01	27.39	27.39	84.3	84.4	5.87	5.88		1.2	1.3		0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA	NA
SR3	31/8/2017	Mid-Flood	Cloudy	Moderate	13:38	8	M	4	2	7.75		23.01		27.39		84.4		5.88			1.3			0.01			0.000			NA	NA	NA	NA		
SR3	31/8/2017	Mid-Flood	Cloudy	Moderate	13:38	8	M	4	3																					NA	NA	NA	NA		
SR3	31/8/2017	Mid-Flood	Cloudy	Moderate	13:38	8	B	7	1	7.74	7.74	25.58	25.58	26.96	26.97	79.9	79.0	5.51	5.52		1.3	1.4		0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA	
SR3	31/8/2017	Mid-Flood	Cloudy	Moderate	13:38	8	B	7	2	7.74		25.58		26.97		78.0		5.53			1.4			0.01			0.000			NA	NA	NA	NA		
SR3	31/8/2017	Mid-Flood	Cloudy	Moderate	13:38	8	B	7	3																					NA	NA	NA	NA		

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR4	31/8/2017	Mid-Flood	Cloudy	Moderate	13:52	4	S	1	1	7.74	7.74	23.84	23.84	21.36	21.36	84.5	84.6	5.87	5.88	5.88	1.0	1.1	1.0	0.10	0.10	0.10	0.002	0.002	0.002	NA	NA	NA	NA	NA	NA
SR4	31/8/2017	Mid-Flood	Cloudy	Moderate	13:52	4	S	1	2	7.74		23.84		21.36		84.6		5.88			1.1			0.10			0.002			NA	NA	NA	NA		
SR4	31/8/2017	Mid-Flood	Cloudy	Moderate	13:52	4	S	1	3																					NA	NA	NA	NA		
SR4	31/8/2017	Mid-Flood	Cloudy	Moderate	13:52	4	M		1		NA		NA		NA		NA		NA			NA			NA			NA			NA	NA	NA	NA	NA	NA
SR4	31/8/2017	Mid-Flood	Cloudy	Moderate	13:52	4	M		2																					NA	NA	NA	NA		
SR4	31/8/2017	Mid-Flood	Cloudy	Moderate	13:52	4	M		3																					NA	NA	NA	NA		
SR4	31/8/2017	Mid-Flood	Cloudy	Moderate	13:52	4	B	3	1	7.74	7.74	24.08	24.08	27.29	27.29	83.8	83.9	5.80	5.81		0.9	0.9		0.10	0.10		0.003	0.003		NA	NA	NA	NA	NA	
SR4	31/8/2017	Mid-Flood	Cloudy	Moderate	13:52	4	B	3	2	7.74		24.08		27.29		83.9		5.81			0.8			0.10			0.003			NA	NA	NA	NA		
SR4	31/8/2017	Mid-Flood	Cloudy	Moderate	13:52	4	B	3	3																					NA	NA	NA	NA		
SR5	31/8/2017	Mid-Flood	Cloudy	Moderate	12:45	11	S	1	1	7.66	7.66	18.56	18.56	28.13	28.14	85.1	85.2	5.80	5.81	5.61	1.0	1.2	1.4	NA	NA	NA	NA	NA	NA	0.01	1.00	0.20	1.21	1.21	1.20
SR5	31/8/2017	Mid-Flood	Cloudy	Moderate	12:45	11	S	1	2	7.66		18.56		28.14		85.2		5.81			1.4			NA			NA			0.01	1.00	0.19	1.20		
SR5	31/8/2017	Mid-Flood	Cloudy	Moderate	12:45	11	S	1	3																					0.01	1.00	0.20	1.21		
SR5	31/8/2017	Mid-Flood	Cloudy	Moderate	12:45	11	M	5.5	1	7.69	7.69	24.48	24.48	27.14	27.15	78.5	78.6	5.41	5.42		1.4	1.5		NA	NA		NA	NA		0.01	0.98	0.20	1.19	1.19	
SR5	31/8/2017	Mid-Flood	Cloudy	Moderate	12:45	11	M	5.5	2	7.69		24.48		27.15		78.6		5.42			1.5			NA			NA			0.01	0.98	0.20	1.19		
SR5	31/8/2017	Mid-Flood	Cloudy	Moderate	12:45	11	M	5.5	3																					0.01	0.99	0.20	1.20		
SR5	31/8/2017	Mid-Flood	Cloudy	Moderate	12:45	11	B	10	1	7.71	7.71	26.90	26.90	26.63	26.64	74.7	74.8	5.14	5.15		1.5	1.6		NA	NA		NA	NA		0.01	0.97	0.23	1.21	1.20	
SR5	31/8/2017	Mid-Flood	Cloudy	Moderate	12:45	11	B	10	2	7.71		26.90		26.64		74.8		5.15			1.6			NA			NA			0.01	0.97	0.22	1.20		
SR5	31/8/2017	Mid-Flood	Cloudy	Moderate	12:45	11	B	10	3																					0.01	0.97	0.22	1.20		
SR12	31/8/2017	Mid-Flood	Cloudy	Moderate	14:09	15	S	1	1	7.73	7.73	25.71	25.71	27.09	27.09	82.1	82.1	5.69	5.69	5.67	2.3	2.3	2.5	0.01	0.01	0.05	0.000	0.000	0.001	NA	NA	NA	NA	NA	NA
SR12	31/8/2017	Mid-Flood	Cloudy	Moderate	14:09	15	S	1	2	7.73		25.71		27.09		82.0		5.68			2.2			0.01			0.000			NA	NA	NA	NA		
SR12	31/8/2017	Mid-Flood	Cloudy	Moderate	14:09	15	S	1	3																					NA	NA	NA	NA		
SR12	31/8/2017	Mid-Flood	Cloudy	Moderate	14:09	15	M	7.5	1	7.73	7.73	25.37	25.38	26.99	27.00	81.5	81.6	5.63	5.66		2.7	2.7		0.04	0.04		0.001	0.001		NA	NA	NA	NA	NA	NA
SR12	31/8/2017	Mid-Flood	Cloudy	Moderate	14:09	15	M	7.5	2	7.73		25.38		27.00		81.6		5.68			2.6			0.04			0.001			NA	NA	NA	NA		
SR12	31/8/2017	Mid-Flood	Cloudy	Moderate	14:09	15	M	7.5	3																					NA	NA	NA	NA		
SR12	31/8/2017	Mid-Flood	Cloudy	Moderate	14:09	15	B	14	1	7.74	7.74	25.91	25.91	26.96	26.96	80.4	80.5	5.56	5.57		2.6	2.6		0.10	0.10		0.003	0.003		NA	NA	NA	NA	NA	
SR12	31/8/2017	Mid-Flood	Cloudy	Moderate	14:09	15	B	14	2	7.74		25.91		26.96		80.5		5.57			2.5			0.10			0.003			NA	NA	NA	NA		
SR12	31/8/2017	Mid-Flood	Cloudy	Moderate	14:09	15	B	14	3																					NA	NA	NA	NA		
SR13	31/8/2017	Mid-Flood	Cloudy	Moderate	14:21	14	S	1	1	7.76	7.76	28.75	28.75	26.49	26.50	73.5	73.6	5.03	5.04	5.03	1.8	1.9	2.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	31/8/2017	Mid-Flood	Cloudy	Moderate	14:21	14	S	1	2	7.76		28.75		26.50		73.6		5.04			1.9			NA			NA			NA	NA	NA	NA		
SR13	31/8/2017	Mid-Flood	Cloudy	Moderate	14:21	14	S	1	3																					NA	NA	NA	NA		
SR13	31/8/2017	Mid-Flood	Cloudy	Moderate	14:21	14	M	7	1	7.76	7.76	29.40	29.40	26.39	26.40	73.5	73.6	5.02	5.03		2.4	2.4		NA	NA		NA	NA		NA	NA	NA	NA	NA	NA
SR13	31/8/2017	Mid-Flood	Cloudy	Moderate	14:21	14	M	7	2	7.76		29.40		26.40		73.6		5.03			2.3			NA			NA			NA	NA	NA	NA		
SR13	31/8/2017	Mid-Flood	Cloudy	Moderate	14:21	14	M	7	3																					NA	NA	NA	NA		
SR13	31/8/2017	Mid-Flood	Cloudy	Moderate	14:21	14	B	13	1	7.75	7.75	30.19	30.19	26.17	26.18	71.5	71.6	4.88	4.89		2.9	2.8		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	31/8/2017	Mid-Flood	Cloudy	Moderate	14:21	14	B	13	2	7.75		30.19		26.18		71.6		4.89			2.7			NA			NA			NA	NA	NA	NA		
SR13	31/8/2017	Mid-Flood	Cloudy	Moderate	14:21	14	B	13	3																					NA	NA	NA	NA		

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
C1A	31/8/2017	Mid-Flood	Cloudy	Moderate	12:30	28	S	1	1	4	5	5	<0.01	0.01	0.02	0.000	0.000	0.001	<0.01	0.98	0.20	1.18	1.22	1.20	310	329	270	NA	NA	NA	<1	1	1
C1A	31/8/2017	Mid-Flood	Cloudy	Moderate	12:30	28	S	1	2	6			<0.01			0.000			<0.01	0.99	0.19	1.18			350			NA			<1		
C1A	31/8/2017	Mid-Flood	Cloudy	Moderate	12:30	28	S	1	3										<0.01	0.99	0.20	1.19											
C1A	31/8/2017	Mid-Flood	Cloudy	Moderate	12:30	28	M	14	1	4			0.05			0.002			0.05	0.98	0.22	1.25			240			NA			<1		
C1A	31/8/2017	Mid-Flood	Cloudy	Moderate	12:30	28	M	14	2	5			0.02			0.001			0.02	0.97	0.23	1.22			210			NA			<1		
C1A	31/8/2017	Mid-Flood	Cloudy	Moderate	12:30	28	M	14	3										0.02	0.98	0.20	1.20											
C1A	31/8/2017	Mid-Flood	Cloudy	Moderate	12:30	28	B	27	1	5	5		<0.01	0.01		0.000	0.000		<0.01	1.00	0.19	1.19	1.19		260	265		NA	NA		<1	1	
C1A	31/8/2017	Mid-Flood	Cloudy	Moderate	12:30	28	B	27	2	5			<0.01			0.000			<0.01	1.00	0.19	1.19			270			NA			<1		
C1A	31/8/2017	Mid-Flood	Cloudy	Moderate	12:30	28	B	27	3										<0.01	1.00	0.20	1.20											
C2A	31/8/2017	Mid-Flood	Cloudy	Moderate	14:39	13	S	1	1	5	5	5	0.25	0.23	0.24	0.008	0.007	0.007	0.25	0.34	0.08	0.67	0.65	0.66	45	46	42	NA	NA	NA	<1	1	1
C2A	31/8/2017	Mid-Flood	Cloudy	Moderate	14:39	13	S	1	2	4			0.20			0.006			0.20	0.35	0.07	0.62			48			NA			<1		
C2A	31/8/2017	Mid-Flood	Cloudy	Moderate	14:39	13	S	1	3										0.25	0.35	0.07	0.67											
C2A	31/8/2017	Mid-Flood	Cloudy	Moderate	14:39	13	M	6.5	1	6	6		0.23	0.24		0.007	0.007		0.23	0.35	0.07	0.65	0.66		51	49		NA	NA		<1	1	
C2A	31/8/2017	Mid-Flood	Cloudy	Moderate	14:39	13	M	6.5	2	5			0.25			0.008			0.25	0.35	0.07	0.67			48			NA			<1		
C2A	31/8/2017	Mid-Flood	Cloudy	Moderate	14:39	13	M	6.5	3										0.24	0.36	0.06	0.66											
C2A	31/8/2017	Mid-Flood	Cloudy	Moderate	14:39	13	B	12	1	7	6		0.24	0.25		0.007	0.008		0.24	0.35	0.07	0.66	0.66		31	31		NA	NA		<1	1	
C2A	31/8/2017	Mid-Flood	Cloudy	Moderate	14:39	13	B	12	2	5			0.25			0.008			0.25	0.35	0.07	0.67			32			NA			<1		
C2A	31/8/2017	Mid-Flood	Cloudy	Moderate	14:39	13	B	12	3										0.23	0.35	0.07	0.65											
G2	31/8/2017	Mid-Flood	Cloudy	Moderate	13:18	12	S	1	1	3	3	4	NA	NA	NA	NA	NA	NA	<0.01	0.80	0.16	0.96	0.96	0.93	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	31/8/2017	Mid-Flood	Cloudy	Moderate	13:18	12	S	1	2	2			NA			NA			<0.01	0.79	0.17	0.96			NA			NA			NA		
G2	31/8/2017	Mid-Flood	Cloudy	Moderate	13:18	12	S	1	3										<0.01	0.79	0.17	0.96											
G2	31/8/2017	Mid-Flood	Cloudy	Moderate	13:18	12	M	6	1	2			NA			NA			<0.01	0.75	0.16	0.91			NA			NA			NA		
G2	31/8/2017	Mid-Flood	Cloudy	Moderate	13:18	12	M	6	2	3			NA			NA			<0.01	0.74	0.17	0.91			NA			NA			NA		
G2	31/8/2017	Mid-Flood	Cloudy	Moderate	13:18	12	M	6	3										<0.01	0.73	0.17	0.90											
G2	31/8/2017	Mid-Flood	Cloudy	Moderate	13:18	12	B	11	1	6	6		NA	NA		NA	NA		<0.01	0.76	0.17	0.93	0.93		NA	NA		NA	NA		NA	NA	
G2	31/8/2017	Mid-Flood	Cloudy	Moderate	13:18	12	B	11	2	6			NA			NA			<0.01	0.76	0.17	0.93			NA			NA			NA		
G2	31/8/2017	Mid-Flood	Cloudy	Moderate	13:18	12	B	11	3										<0.01	0.77	0.17	0.94											
SR2	31/8/2017	Mid-Flood	Cloudy	Moderate	13:02	9	S	1	1	2	2	2	<0.01	0.01	0.01	0.000	0.000	0.000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	31/8/2017	Mid-Flood	Cloudy	Moderate	13:02	9	S	1	2	2			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR2	31/8/2017	Mid-Flood	Cloudy	Moderate	13:02	9	S	1	3										NA	NA	NA	NA											
SR2	31/8/2017	Mid-Flood	Cloudy	Moderate	13:02	9	M	4.5	1	1	1		<0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	31/8/2017	Mid-Flood	Cloudy	Moderate	13:02	9	M	4.5	2	1			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR2	31/8/2017	Mid-Flood	Cloudy	Moderate	13:02	9	M	4.5	3										NA	NA	NA	NA											
SR2	31/8/2017	Mid-Flood	Cloudy	Moderate	13:02	9	B	8	1	2	2		<0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	31/8/2017	Mid-Flood	Cloudy	Moderate	13:02	9	B	8	2	2			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR2	31/8/2017	Mid-Flood	Cloudy	Moderate	13:02	9	B	8	3										NA	NA	NA	NA											
SR3	31/8/2017	Mid-Flood	Cloudy	Moderate	13:38	8	S	1	1	3	3	3	<0.01	0.01	0.01	0.000	0.000	0.000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	31/8/2017	Mid-Flood	Cloudy	Moderate	13:38	8	S	1	2	3			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR3	31/8/2017	Mid-Flood	Cloudy	Moderate	13:38	8	S	1	3										NA	NA	NA	NA											
SR3	31/8/2017	Mid-Flood	Cloudy	Moderate	13:38	8	M	4	1	4	3		<0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	31/8/2017	Mid-Flood	Cloudy	Moderate	13:38	8	M	4	2	2			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR3	31/8/2017	Mid-Flood	Cloudy	Moderate	13:38	8	M	4	3										NA	NA	NA	NA											
SR3	31/8/2017	Mid-Flood	Cloudy	Moderate	13:38	8	B	7	1	3	3		0.03	0.02		0.001	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	31/8/2017	Mid-Flood	Cloudy	Moderate	13:38	8	B	7	2	2			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR3	31/8/2017	Mid-Flood	Cloudy	Moderate	13:38	8	B	7	3										NA	NA	NA	NA											

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
SR4	31/8/2017	Mid-Flood	Cloudy	Moderate	13:52	4	S	1	1	1	2	3	<0.01	0.05	0.08	0.000	0.001	0.002	NA	NA	NA	NA	NA	NA	41	42	98	NA	NA	NA	<1	1	1
SR4	31/8/2017	Mid-Flood	Cloudy	Moderate	13:52	4	S	1	2	2			0.08			0.002			NA	NA	NA	NA			44			NA			<1		
SR4	31/8/2017	Mid-Flood	Cloudy	Moderate	13:52	4	S	1	3										NA	NA	NA	NA											
SR4	31/8/2017	Mid-Flood	Cloudy	Moderate	13:52	4	M		1										NA	NA	NA	NA											
SR4	31/8/2017	Mid-Flood	Cloudy	Moderate	13:52	4	M		2		NA			NA			NA		NA	NA	NA	NA	NA	NA		NA		NA	NA			NA	
SR4	31/8/2017	Mid-Flood	Cloudy	Moderate	13:52	4	M		3										NA	NA	NA	NA											
SR4	31/8/2017	Mid-Flood	Cloudy	Moderate	13:52	4	B	3	1	4	5		0.13	0.11		0.004	0.003		NA	NA	NA	NA	NA		210	224		NA	NA		<1	1	
SR4	31/8/2017	Mid-Flood	Cloudy	Moderate	13:52	4	B	3	2	5			0.08			0.002			NA	NA	NA	NA			240			NA			<1		
SR4	31/8/2017	Mid-Flood	Cloudy	Moderate	13:52	4	B	3	3										NA	NA	NA	NA											
SR5	31/8/2017	Mid-Flood	Cloudy	Moderate	12:45	11	S	1	1	2	3	3	NA	NA	NA	NA	NA	NA	<0.01	1.00	0.20	1.20	1.20	1.19	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	31/8/2017	Mid-Flood	Cloudy	Moderate	12:45	11	S	1	2	3			NA			NA			<0.01	1.00	0.19	1.19			NA			NA			NA		
SR5	31/8/2017	Mid-Flood	Cloudy	Moderate	12:45	11	S	1	3										<0.01	1.00	0.20	1.20											
SR5	31/8/2017	Mid-Flood	Cloudy	Moderate	12:45	11	M	5.5	1	3			NA			NA			<0.01	0.98	0.20	1.18			NA			NA			NA		
SR5	31/8/2017	Mid-Flood	Cloudy	Moderate	12:45	11	M	5.5	2	3			NA			NA			<0.01	0.98	0.20	1.18			NA			NA			NA		
SR5	31/8/2017	Mid-Flood	Cloudy	Moderate	12:45	11	M	5.5	3										<0.01	0.99	0.20	1.19											
SR5	31/8/2017	Mid-Flood	Cloudy	Moderate	12:45	11	B	10	1	3			NA			NA			<0.01	0.97	0.23	1.20			NA			NA			NA		
SR5	31/8/2017	Mid-Flood	Cloudy	Moderate	12:45	11	B	10	2	3			NA			NA			<0.01	0.97	0.22	1.19			NA			NA			NA		
SR5	31/8/2017	Mid-Flood	Cloudy	Moderate	12:45	11	B	10	3										<0.01	0.97	0.22	1.19											
SR12	31/8/2017	Mid-Flood	Cloudy	Moderate	14:09	15	S	1	1	1	1	3	0.03	0.02	0.05	0.001	0.001	0.002	NA	NA	NA	NA	NA	NA	260	250	315	NA	NA	NA	<1	1	1
SR12	31/8/2017	Mid-Flood	Cloudy	Moderate	14:09	15	S	1	2	1			<0.01			0.000			NA	NA	NA	NA			240			NA			<1		
SR12	31/8/2017	Mid-Flood	Cloudy	Moderate	14:09	15	S	1	3										NA	NA	NA	NA											
SR12	31/8/2017	Mid-Flood	Cloudy	Moderate	14:09	15	M	7.5	1	4	4		0.04	0.04		0.001	0.001		NA	NA	NA	NA	NA		540	525		NA	NA		<1	1	
SR12	31/8/2017	Mid-Flood	Cloudy	Moderate	14:09	15	M	7.5	2	4			0.04			0.001			NA	NA	NA	NA			510			NA			<1		
SR12	31/8/2017	Mid-Flood	Cloudy	Moderate	14:09	15	M	7.5	3										NA	NA	NA	NA											
SR12	31/8/2017	Mid-Flood	Cloudy	Moderate	14:09	15	B	14	1	4	4		0.10	0.10		0.003	0.003		NA	NA	NA	NA	NA		220	239		NA	NA		<1	1	
SR12	31/8/2017	Mid-Flood	Cloudy	Moderate	14:09	15	B	14	2	3			0.10			0.003			NA	NA	NA	NA			260			NA			<1		
SR12	31/8/2017	Mid-Flood	Cloudy	Moderate	14:09	15	B	14	3										NA	NA	NA	NA											
SR13	31/8/2017	Mid-Flood	Cloudy	Moderate	14:21	14	S	1	1	3	4	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	31/8/2017	Mid-Flood	Cloudy	Moderate	14:21	14	S	1	2	4			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	31/8/2017	Mid-Flood	Cloudy	Moderate	14:21	14	S	1	3										NA	NA	NA	NA											
SR13	31/8/2017	Mid-Flood	Cloudy	Moderate	14:21	14	M	7	1	3	4		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	31/8/2017	Mid-Flood	Cloudy	Moderate	14:21	14	M	7	2	4			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	31/8/2017	Mid-Flood	Cloudy	Moderate	14:21	14	M	7	3										NA	NA	NA	NA											
SR13	31/8/2017	Mid-Flood	Cloudy	Moderate	14:21	14	B	13	1	6	5		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	31/8/2017	Mid-Flood	Cloudy	Moderate	14:21	14	B	13	2	4			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	31/8/2017	Mid-Flood	Cloudy	Moderate	14:21	14	B	13	3										NA	NA	NA	NA											

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
C1A	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:58	28	S	1	1	7.50	7.50	19.99	19.99	27.86	27.86	86.1	86.2	6.04	6.05	5.86	1.0	1.1	1.1	0.02	0.02	0.02	0.000	0.000	0.000	0.02	1.02	0.19	1.23	1.22	1.24
C1A	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:58	28	S	1	2	7.50		19.99		27.86		86.2		6.05			1.1			0.02			0.000			0.02	1.00	0.19	1.21		
C1A	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:58	28	S	1	3																					0.02	1.01	0.19	1.22		
C1A	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:58	28	M	14	1	7.65	7.65	22.15	22.15	27.55	27.56	81.6	81.7	5.67	5.68		0.9	0.9	1.1	0.05	0.05	0.04	0.001	0.001	0.001	0.05	1.02	0.18	1.25	1.24	
C1A	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:58	28	M	14	2	7.65		22.15		27.56		81.7		5.68			0.9			0.05			0.001			0.05	0.99	0.19	1.23		
C1A	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:58	28	M	14	3																					0.05	1.01	0.19	1.25		
C1A	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:58	28	B	27	1	7.67	7.67	24.20	24.21	27.14	27.15	77.8	77.9	5.43	5.42		1.2	1.3		0.05	0.05		0.001	0.001		0.05	0.98	0.20	1.23	1.24	
C1A	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:58	28	B	27	2	7.67		24.22		27.15		77.9		5.40			1.3			0.05			0.001			0.05	0.96	0.24	1.25		
C1A	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:58	28	B	27	3																					0.05	1.00	0.20	1.25		
C2A	31/8/2017	Mid-Ebb	Cloudy	Moderate	8:45	13	S	1	1	7.72	7.72	30.27	30.27	26.21	26.21	72.1	72.2	4.91	4.92	4.88	1.3	1.3	1.5	0.20	0.20	0.25	0.005	0.005	0.007	0.20	0.34	0.07	0.61	0.61	0.67
C2A	31/8/2017	Mid-Ebb	Cloudy	Moderate	8:45	13	S	1	2	7.72		30.27		26.21		72.2		4.92			1.3			0.20			0.005			0.20	0.34	0.07	0.61		
C2A	31/8/2017	Mid-Ebb	Cloudy	Moderate	8:45	13	S	1	3																					0.20	0.36	0.06	0.62		
C2A	31/8/2017	Mid-Ebb	Cloudy	Moderate	8:45	13	M	6.5	1	7.78	7.78	31.06	31.06	26.07	26.08	71.0	71.1	4.83	4.84		1.4	1.5		0.30	0.30		0.009	0.009		0.30	0.35	0.07	0.72	0.72	
C2A	31/8/2017	Mid-Ebb	Cloudy	Moderate	8:45	13	M	6.5	2	7.78		31.06		26.08		71.1		4.84			1.5			0.30			0.009			0.30	0.35	0.07	0.72		
C2A	31/8/2017	Mid-Ebb	Cloudy	Moderate	8:45	13	M	6.5	3																					0.30	0.34	0.07	0.71		
C2A	31/8/2017	Mid-Ebb	Cloudy	Moderate	8:45	13	B	12	1	7.81	7.81	31.55	31.55	25.99	26.00	71.7	71.8	4.87	4.88		1.6	1.7		0.25	0.25		0.008	0.008		0.25	0.35	0.07	0.67	0.67	
C2A	31/8/2017	Mid-Ebb	Cloudy	Moderate	8:45	13	B	12	2	7.81		31.55		26.00		71.8		4.88			1.7			0.25			0.008			0.25	0.35	0.07	0.67		
C2A	31/8/2017	Mid-Ebb	Cloudy	Moderate	8:45	13	B	12	3																					0.25	0.33	0.08	0.66		
G2	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:07	12	S	1	1	7.71	7.71	22.73	22.73	27.54	27.54	87.4	87.5	6.07	6.08	6.04	2.0	1.9	1.8	NA	NA	NA	NA	NA	NA	0.01	0.79	0.16	0.96	0.96	0.98
G2	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:07	12	S	1	2	7.71		22.73		27.54		87.5		6.08			1.8			NA			NA			0.01	0.79	0.16	0.96		
G2	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:07	12	S	1	3																					0.01	0.78	0.16	0.95		
G2	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:07	12	M	6	1	7.73	7.73	23.09	23.09	27.47	27.47	86.3	86.4	5.99	6.00		1.3	1.3		NA	NA		NA	NA		0.01	0.79	0.15	0.95	0.95	
G2	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:07	12	M	6	2	7.73		23.09		27.47		86.4		6.00			1.3			NA			NA			0.01	0.78	0.16	0.95		
G2	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:07	12	M	6	3																					0.01	0.79	0.16	0.96		
G2	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:07	12	B	11	1	7.75	7.75	24.90	24.90	27.32	27.32	85.2	85.3	5.84	5.85		2.0	2.1		NA	NA		NA	NA		0.01	0.79	0.16	0.96	1.02	
G2	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:07	12	B	11	2	7.75		24.90		27.32		85.3		5.85			2.1			NA			NA			0.01	0.79	0.15	0.95		
G2	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:07	12	B	11	3																					0.01	0.96	0.18	1.15		
SR2	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:21	9	S	1	1	7.51	7.51	23.88	23.88	27.41	27.42	87.3	87.4	6.04	6.05	6.01	1.1	1.2	1.3	0.01	0.01	0.01	0.000	0.000	0.000	NA	NA	NA	NA	NA	NA
SR2	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:21	9	S	1	2	7.51		23.88		27.42		87.4		6.05			1.2			0.01			0.000			NA	NA	NA	NA		
SR2	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:21	9	S	1	3																					NA	NA	NA	NA		
SR2	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:21	9	M	4.5	1	7.73	7.73	24.09	24.09	27.35	27.36	86.1	86.2	5.96	5.97		1.2	1.3		0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA	NA
SR2	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:21	9	M	4.5	2	7.73		24.09		27.36		86.2		5.97			1.3			0.01			0.000			NA	NA	NA	NA		
SR2	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:21	9	M	4.5	3																					NA	NA	NA	NA		
SR2	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:21	9	B	8	1	7.74	7.74	24.06	24.06	27.36	27.36	85.7	85.8	5.94	5.95		1.4	1.5		0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA	
SR2	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:21	9	B	8	2	7.74		24.06		27.36		85.8		5.95			1.5			0.01			0.000			NA	NA	NA	NA		
SR2	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:21	9	B	8	3																					NA	NA	NA	NA		
SR3	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:49	8	S	1	1	7.58	7.58	22.77	22.77	27.50	27.50	85.4	85.5	5.94	5.95	5.93	1.4	1.5	1.6	0.01	0.01	0.01	0.000	0.000	0.000	NA	NA	NA	NA	NA	NA
SR3	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:49	8	S	1	2	7.58		22.77		27.50		85.5		5.95			1.5			0.01			0.000			NA	NA	NA	NA		
SR3	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:49	8	S	1	3																					NA	NA	NA	NA		
SR3	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:49	8	M	4	1	7.72	7.73	23.02	23.02	27.43	27.44	85.1	85.2	5.91	5.92		1.5	1.6		0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA	
SR3	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:49	8	M	4	2	7.73		23.02		27.44		85.2		5.93			1.6			0.01			0.000			NA	NA	NA	NA		
SR3	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:49	8	M	4	3																					NA	NA	NA	NA		
SR3	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:49	8	B	7	1	7.72	7.72	25.46	25.46	27.01	27.01	80.5	80.6	5.55	5.56		1.6	1.7		0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA	
SR3	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:49	8	B	7	2	7.72		25.46		27.01		80.6		5.56			1.7			0.01			0.000			NA	NA	NA	NA		
SR3	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:49	8	B	7	3																					NA	NA	NA	NA		

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR4	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:32	4	S	1	1	7.71	7.71	23.83	23.83	27.37	27.37	84.8	84.9	5.89	5.89	5.89	1.4	1.4	1.7	0.01	0.01	0.07	0.000	0.000	0.002	NA	NA	NA	NA	NA	NA
SR4	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:32	4	S	1	2	7.71		23.83		27.37		84.9		5.89			1.4			0.01			0.000			NA	NA	NA	NA		
SR4	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:32	4	S	1	3																					NA	NA	NA	NA		
SR4	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:32	4	M		1																					NA	NA	NA	NA		
SR4	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:32	4	M		2		NA		NA		NA		NA		NA			NA			NA			NA		NA	NA	NA	NA	NA	
SR4	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:32	4	M		3																					NA	NA	NA	NA		
SR4	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:32	4	B	3	1	7.73	7.73	23.98	23.98	27.31	27.31	83.8	83.8	5.80	5.81		2.0	2.0		0.12	0.13		0.004	0.004		NA	NA	NA	NA	NA	
SR4	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:32	4	B	3	2	7.73		23.98		27.31		83.8		5.82			2.0			0.13			0.004			NA	NA	NA	NA		
SR4	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:32	4	B	3	3																					NA	NA	NA	NA		
SR5	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:39	11	S	1	1	7.68	7.68	19.81	19.81	27.90	27.90	86.8	86.9	6.12	6.13	5.96	1.7	1.8	2.0	NA	NA	NA	NA	NA	NA	0.01	0.98	0.19	1.18	1.18	1.18
SR5	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:39	11	S	1	2	7.68		19.80		27.90		86.9		6.13			1.8			NA			NA			0.01	1.00	0.18	1.19		
SR5	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:39	11	S	1	3																					0.01	0.98	0.19	1.18		
SR5	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:39	11	M	5.5	1	7.78	7.78	21.48	21.48	27.64	27.64	83.0	83.1	5.80	5.80		1.9	1.9		NA	NA		NA	NA		0.01	0.99	0.18	1.18	1.18	
SR5	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:39	11	M	5.5	2	7.78		21.48		27.64		83.1		5.80			1.9			NA			NA			0.01	0.98	0.19	1.18		
SR5	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:39	11	M	5.5	3																					0.01	0.99	0.19	1.19		
SR5	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:39	11	B	10	1	7.70	7.70	22.44	22.44	27.40	27.41	80.1	80.2	5.48	5.49		2.3	2.4		NA	NA		NA	NA		0.01	1.00	0.18	1.19	1.18	
SR5	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:39	11	B	10	2	7.70		22.44		27.41		80.2		5.49			2.4			NA			NA			0.01	1.00	0.18	1.19		
SR5	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:39	11	B	10	3																					0.01	0.97	0.19	1.17		
SR12	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:12	15	S	1	1	7.72	7.72	25.17	25.17	27.09	27.09	82.1	82.2	5.67	5.68	5.66	1.3	1.4	1.2	0.01	0.01	0.03	0.000	0.000	0.001	NA	NA	NA	NA	NA	NA
SR12	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:12	15	S	1	2	7.72		25.17		27.09		82.2		5.68			1.4			0.01			0.000			NA	NA	NA	NA		
SR12	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:12	15	S	1	3																					NA	NA	NA	NA		
SR12	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:12	15	M	7.5	1	7.73	7.73	25.37	25.37	27.08	27.08	81.6	81.7	5.63	5.64		0.9	1.0		0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA	NA
SR12	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:12	15	M	7.5	2	7.73		25.37		27.07		81.7		5.64			1.0			0.01			0.000			NA	NA	NA	NA		
SR12	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:12	15	M	7.5	3																					NA	NA	NA	NA		
SR12	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:12	15	B	14	1	7.73	7.73	26.75	26.77	26.78	26.78	78.5	78.5	5.42	5.42		1.0	1.2		0.08	0.08		0.002	0.002		NA	NA	NA	NA	NA	
SR12	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:12	15	B	14	2	7.73		26.78		26.78		78.5		5.42			1.3			0.08			0.002			NA	NA	NA	NA		
SR12	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:12	15	B	14	3																					NA	NA	NA	NA		
SR13	31/8/2017	Mid-Ebb	Cloudy	Moderate	8:59	14	S	1	1	7.74	7.74	28.88	28.88	26.44	26.45	73.6	73.7	5.03	5.04	5.03	1.3	1.4	1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	31/8/2017	Mid-Ebb	Cloudy	Moderate	8:59	14	S	1	2	7.74		28.88		26.45		73.7		5.04			1.4			NA			NA			NA	NA	NA	NA		
SR13	31/8/2017	Mid-Ebb	Cloudy	Moderate	8:59	14	S	1	3																					NA	NA	NA	NA		
SR13	31/8/2017	Mid-Ebb	Cloudy	Moderate	8:59	14	M	7	1	7.75	7.75	29.52	29.52	26.31	26.32	73.6	73.7	5.02	5.03		1.5	1.6		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	31/8/2017	Mid-Ebb	Cloudy	Moderate	8:59	14	M	7	2	7.75		29.52		26.32		73.7		5.03			1.6			NA			NA			NA	NA	NA	NA		
SR13	31/8/2017	Mid-Ebb	Cloudy	Moderate	8:59	14	M	7	3																					NA	NA	NA	NA		
SR13	31/8/2017	Mid-Ebb	Cloudy	Moderate	8:59	14	B	13	1	7.75	7.75	30.19	30.19	26.17	26.18	71.6	71.7	4.89	4.90		1.7	1.8		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	31/8/2017	Mid-Ebb	Cloudy	Moderate	8:59	14	B	13	2	7.75		30.19		26.18		71.7		4.90			1.8			NA			NA			NA	NA	NA	NA		
SR13	31/8/2017	Mid-Ebb	Cloudy	Moderate	8:59	14	B	13	3																					NA	NA	NA	NA		

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
C1A	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:58	28	S	1	1	2	2	3	0.02	0.02	0.04	0.000	0.000	0.001	0.02	1.02	0.19	1.23	1.22	1.23	34	32	40	NA	NA	NA	<1	1	1
C1A	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:58	28	S	1	2	2			0.02			0.000			0.02	1.00	0.19	1.21			31			NA			<1		
C1A	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:58	28	S	1	3										0.03	1.01	0.19	1.23											
C1A	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:58	28	M	14	1	4	4		0.03	0.04		0.001	0.001		0.03	1.02	0.18	1.23	1.23		43	41		NA	NA		<1	1	
C1A	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:58	28	M	14	2	3			0.04			0.001			0.04	0.99	0.19	1.22			40			NA			<1		
C1A	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:58	28	M	14	3										0.03	1.01	0.19	1.23											
C1A	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:58	28	B	27	1	2	3		0.06	0.05		0.002	0.001		0.06	0.98	0.20	1.24	1.24		44	46		NA	NA		<1	1	
C1A	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:58	28	B	27	2	3			0.04			0.001			0.04	0.96	0.24	1.24			48			NA			<1		
C1A	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:58	28	B	27	3										0.04	1.00	0.20	1.24											
C2A	31/8/2017	Mid-Ebb	Cloudy	Moderate	8:45	13	S	1	1	4	4	5	0.19	0.20	0.24	0.005	0.005	0.007	0.19	0.34	0.07	0.60	0.62	0.64	21	21	20	NA	NA	NA	<1	1	1
C2A	31/8/2017	Mid-Ebb	Cloudy	Moderate	8:45	13	S	1	2	4			0.21			0.005			0.21	0.34	0.07	0.62			22			NA			<1		
C2A	31/8/2017	Mid-Ebb	Cloudy	Moderate	8:45	13	S	1	3										0.22	0.36	0.06	0.64											
C2A	31/8/2017	Mid-Ebb	Cloudy	Moderate	8:45	13	M	6.5	1	5	5		0.26	0.26		0.007	0.007		0.26	0.35	0.07	0.68	0.67		10	10		NA	NA		<1	1	
C2A	31/8/2017	Mid-Ebb	Cloudy	Moderate	8:45	13	M	6.5	2	4			0.25			0.007			0.25	0.35	0.07	0.67			11			NA			<1		
C2A	31/8/2017	Mid-Ebb	Cloudy	Moderate	8:45	13	M	6.5	3										0.25	0.34	0.07	0.66											
C2A	31/8/2017	Mid-Ebb	Cloudy	Moderate	8:45	13	B	12	1	7	7		0.25	0.25		0.008	0.008		0.25	0.35	0.07	0.67	0.63		34	35		NA	NA		<1	1	
C2A	31/8/2017	Mid-Ebb	Cloudy	Moderate	8:45	13	B	12	2	6			0.25			0.008			0.25	0.35	0.07	0.67			37			NA			<1		
C2A	31/8/2017	Mid-Ebb	Cloudy	Moderate	8:45	13	B	12	3										0.15	0.33	0.08	0.56											
G2	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:07	12	S	1	1	3	3	4	NA	NA	NA	NA	NA	NA	<0.01	0.79	0.16	0.95	0.95	0.97	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:07	12	S	1	2	3			NA			NA			<0.01	0.79	0.16	0.95			NA			NA			NA		
G2	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:07	12	S	1	3										<0.01	0.78	0.16	0.94											
G2	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:07	12	M	6	1	5	4		NA	NA		NA	NA		<0.01	0.79	0.15	0.94	0.94		NA	NA		NA	NA		NA	NA	NA
G2	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:07	12	M	6	2	3			NA			NA			<0.01	0.78	0.16	0.94			NA			NA			NA		
G2	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:07	12	M	6	3										<0.01	0.79	0.16	0.95											
G2	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:07	12	B	11	1	3	4		NA	NA		NA	NA		<0.01	0.79	0.16	0.95	1.03		NA	NA		NA	NA		NA	NA	
G2	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:07	12	B	11	2	4			NA			NA			<0.01	0.79	0.15	0.94			NA			NA			NA		
G2	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:07	12	B	11	3										0.06	0.96	0.18	1.20											
SR2	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:21	9	S	1	1	4	4	4	<0.01	0.01	0.01	0.000	0.000	0.000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:21	9	S	1	2	3			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR2	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:21	9	S	1	3										NA	NA	NA	NA											
SR2	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:21	9	M	4.5	1	4	4		<0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:21	9	M	4.5	2	3			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR2	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:21	9	M	4.5	3										NA	NA	NA	NA											
SR2	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:21	9	B	8	1	4	4		<0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:21	9	B	8	2	3			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR2	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:21	9	B	8	3										NA	NA	NA	NA											
SR3	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:49	8	S	1	1	5	4	4	<0.01	0.01	0.01	0.000	0.000	0.000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:49	8	S	1	2	3			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR3	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:49	8	S	1	3										NA	NA	NA	NA											
SR3	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:49	8	M	4	1	4	4		<0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:49	8	M	4	2	4			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR3	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:49	8	M	4	3										NA	NA	NA	NA											
SR3	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:49	8	B	7	1	4	4		0.02	0.02		0.001	0.000		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:49	8	B	7	2	4			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR3	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:49	8	B	7	3										NA	NA	NA	NA											

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
SR4	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:32	4	S	1	1	3	3	3	0.01	0.01	0.07	0.000	0.000	0.002	NA	NA	NA	NA	NA	NA	16	17	20	NA	NA	NA	<1	1	1
SR4	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:32	4	S	1	2	2			0.01			0.000			NA	NA	NA	NA			18			NA			<1		
SR4	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:32	4	S	1	3										NA	NA	NA	NA											
SR4	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:32	4	M		1		NA			NA			NA		NA	NA	NA	NA	NA			NA		NA	NA				
SR4	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:32	4	M		2										NA	NA	NA	NA											
SR4	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:32	4	M		3										NA	NA	NA	NA											
SR4	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:32	4	B	3	1	2	3		0.12	0.13		0.004	0.004		NA	NA	NA	NA	NA		24	23		NA	NA		<1	1	
SR4	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:32	4	B	3	2	3			0.13			0.004			NA	NA	NA	NA			23			NA			<1		
SR4	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:32	4	B	3	3										NA	NA	NA	NA											
SR5	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:39	11	S	1	1	4	4	3	NA	NA	NA	NA	NA	NA	<0.01	0.98	0.19	1.17	1.17	1.17	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:39	11	S	1	2	3			NA			NA			<0.01	1.00	0.18	1.18			NA			NA			NA		
SR5	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:39	11	S	1	3										<0.01	0.98	0.19	1.17											
SR5	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:39	11	M	5.5	1	3			NA			NA			<0.01	0.99	0.18	1.17			NA			NA			NA		
SR5	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:39	11	M	5.5	2	3			NA			NA			<0.01	0.98	0.19	1.17			NA			NA			NA		
SR5	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:39	11	M	5.5	3										<0.01	0.99	0.19	1.18											
SR5	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:39	11	B	10	1	2			NA			NA			<0.01	1.00	0.18	1.18			NA			NA			NA		
SR5	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:39	11	B	10	2	4			NA			NA			<0.01	1.00	0.18	1.18			NA			NA			NA		
SR5	31/8/2017	Mid-Ebb	Cloudy	Moderate	10:39	11	B	10	3										<0.01	0.97	0.19	1.16											
SR12	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:12	15	S	1	1	4	4	3	0.01	0.02	0.04	0.000	0.000	0.001	NA	NA	NA	NA	NA	NA	26	27	47	NA	NA	NA	<1	1	1
SR12	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:12	15	S	1	2	3			0.02			0.001			NA	NA	NA	NA			28			NA			<1		
SR12	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:12	15	S	1	3										NA	NA	NA	NA											
SR12	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:12	15	M	7.5	1	2	3		0.04	0.04		0.001	0.001		NA	NA	NA	NA	NA		34	32		NA	NA		<1	1	
SR12	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:12	15	M	7.5	2	4			0.03			0.001			NA	NA	NA	NA			31			NA			<1		
SR12	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:12	15	M	7.5	3										NA	NA	NA	NA											
SR12	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:12	15	B	14	1	3	4		0.08	0.08		0.002	0.002		NA	NA	NA	NA	NA		130	120		NA	NA		<1	1	
SR12	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:12	15	B	14	2	4			0.08			0.002			NA	NA	NA	NA			110			NA			<1		
SR12	31/8/2017	Mid-Ebb	Cloudy	Moderate	9:12	15	B	14	3										NA	NA	NA	NA											
SR13	31/8/2017	Mid-Ebb	Cloudy	Moderate	8:59	14	S	1	1	4	4	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	31/8/2017	Mid-Ebb	Cloudy	Moderate	8:59	14	S	1	2	3			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	31/8/2017	Mid-Ebb	Cloudy	Moderate	8:59	14	S	1	3										NA	NA	NA	NA											
SR13	31/8/2017	Mid-Ebb	Cloudy	Moderate	8:59	14	M	7	1	4	4		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	31/8/2017	Mid-Ebb	Cloudy	Moderate	8:59	14	M	7	2	4			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	31/8/2017	Mid-Ebb	Cloudy	Moderate	8:59	14	M	7	3										NA	NA	NA	NA											
SR13	31/8/2017	Mid-Ebb	Cloudy	Moderate	8:59	14	B	13	1	3	3		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	31/8/2017	Mid-Ebb	Cloudy	Moderate	8:59	14	B	13	2	3			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	31/8/2017	Mid-Ebb	Cloudy	Moderate	8:59	14	B	13	3										NA	NA	NA	NA											

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
C1A	2/9/2017	Mid-Flood	Fine	Moderate	14:00	29	S	1	1	7.87	7.87	27.73	27.74	22.15	22.14	96.4	96.5	7.89	7.89	7.20	8.0	8.1	8.2	0.30	0.30	0.17	0.008	0.008	0.005	0.30	0.14	0.82	1.26	1.25	1.13
C1A	2/9/2017	Mid-Flood	Fine	Moderate	14:00	29	S	1	2	7.87		27.74		22.13		96.5		7.89			8.1			0.30			0.008			0.30	0.14	0.78	1.22		
C1A	2/9/2017	Mid-Flood	Fine	Moderate	14:00	29	S	1	3																					0.30	0.15	0.81	1.26		
C1A	2/9/2017	Mid-Flood	Fine	Moderate	14:00	29	M	14.5	1	7.86	7.86	27.60	27.61	22.19	22.18	92.0	92.0	6.50	6.51		8.4	8.4		0.10	0.10		0.003	0.003		0.10	0.15	0.82	1.07	1.07	
C1A	2/9/2017	Mid-Flood	Fine	Moderate	14:00	29	M	14.5	2	7.86		27.62		22.17		92.0		6.52			8.4			0.10			0.003			0.10	0.15	0.83	1.08		
C1A	2/9/2017	Mid-Flood	Fine	Moderate	14:00	29	M	14.5	3																					0.10	0.14	0.81	1.05		
C1A	2/9/2017	Mid-Flood	Fine	Moderate	14:00	29	B	28	1	7.83	7.84	27.57	27.57	23.06	23.08	92.1	92.1	6.33	6.34		8.3	8.3		0.10	0.10		0.003	0.003		0.10	0.15	0.80	1.05	1.06	
C1A	2/9/2017	Mid-Flood	Fine	Moderate	14:00	29	B	28	2	7.84		27.56		23.10		92.0		6.34			8.2			0.10			0.003			0.10	0.15	0.82	1.07		
C1A	2/9/2017	Mid-Flood	Fine	Moderate	14:00	29	B	28	3																					0.10	0.16	0.81	1.07		
C2A	2/9/2017	Mid-Flood	Fine	Moderate	15:30	14	S	1	1	7.82	7.82	30.25	30.24	26.50	26.51	68.8	68.6	4.72	4.72	4.71	9.1	9.1	9.1	0.10	0.10	0.18	0.003	0.003	0.006	0.10	0.07	0.30	0.47	0.47	0.55
C2A	2/9/2017	Mid-Flood	Fine	Moderate	15:30	14	S	1	2	7.82		30.22		26.51		68.4		4.71			9.0			0.10			0.003			0.10	0.06	0.31	0.47		
C2A	2/9/2017	Mid-Flood	Fine	Moderate	15:30	14	S	1	3																					0.10	0.07	0.30	0.47		
C2A	2/9/2017	Mid-Flood	Fine	Moderate	15:30	14	M	8	1	7.81	7.81	29.89	29.83	26.49	26.45	68.8	68.9	4.70	4.70		8.9	9.0		0.20	0.20		0.006	0.006		0.20	0.06	0.30	0.56	0.57	
C2A	2/9/2017	Mid-Flood	Fine	Moderate	15:30	14	M	8	2	7.81		29.77		26.40		68.9		4.70			9.1			0.20			0.006			0.20	0.06	0.32	0.58		
C2A	2/9/2017	Mid-Flood	Fine	Moderate	15:30	14	M	8	3																					0.20	0.06	0.31	0.57		
C2A	2/9/2017	Mid-Flood	Fine	Moderate	15:30	14	B	13	1	7.80	7.80	28.34	28.34	26.43	26.43	70.1	70.2	4.71	4.72		9.2	9.2		0.25	0.25		0.008	0.008		0.25	0.06	0.31	0.62	0.62	
C2A	2/9/2017	Mid-Flood	Fine	Moderate	15:30	14	B	13	2	7.80		28.33		26.43		70.2		4.72			9.1			0.25			0.008			0.25	0.06	0.30	0.61		
C2A	2/9/2017	Mid-Flood	Fine	Moderate	15:30	14	B	13	3																					0.25	0.06	0.31	0.62		
G2	2/9/2017	Mid-Flood	Fine	Moderate	14:32	13	S	1	1	7.89	7.89	27.50	27.50	24.02	24.03	98.2	98.1	6.89	6.89	6.76	8.4	8.4	8.3	NA	NA	NA	NA	NA	NA	0.10	0.12	0.70	0.92	0.92	0.92
G2	2/9/2017	Mid-Flood	Fine	Moderate	14:32	13	S	1	2	7.89		27.49		24.03		98.0		6.88			8.4			NA			NA			0.10	0.12	0.70	0.92		
G2	2/9/2017	Mid-Flood	Fine	Moderate	14:32	13	S	1	3																					0.10	0.12	0.70	0.92		
G2	2/9/2017	Mid-Flood	Fine	Moderate	14:32	13	M	7	1	7.88	7.89	27.39	27.39	24.20	24.21	92.9	95.4	6.60	6.63		8.3	8.3		NA	NA		NA	NA		0.10	0.12	0.70	0.92	0.92	
G2	2/9/2017	Mid-Flood	Fine	Moderate	14:32	13	M	7	2	7.89		27.39		24.22		97.8		6.65			8.2			NA			NA			0.10	0.12	0.70	0.92		
G2	2/9/2017	Mid-Flood	Fine	Moderate	14:32	13	M	7	3																					0.10	0.12	0.70	0.92		
G2	2/9/2017	Mid-Flood	Fine	Moderate	14:32	13	B	12	1	7.87	7.87	22.32	22.32	22.15	22.16	97.4	97.4	6.62	6.62		8.1	8.2		NA	NA		NA	NA		0.10	0.12	0.70	0.92	0.92	
G2	2/9/2017	Mid-Flood	Fine	Moderate	14:32	13	B	12	2	7.87		22.32		22.16		97.4		6.61			8.2			NA			NA			0.10	0.12	0.70	0.92		
G2	2/9/2017	Mid-Flood	Fine	Moderate	14:32	13	B	12	3																					0.10	0.12	0.70	0.92		
SR2	2/9/2017	Mid-Flood	Fine	Moderate	14:30	9	S	1	1	7.87	7.87	27.71	27.71	22.40	22.42	96.0	96.9	7.02	7.03	7.14	8.5	8.5	8.5	0.20	0.20	0.20	0.006	0.006	0.005	NA	NA	NA	NA	NA	NA
SR2	2/9/2017	Mid-Flood	Fine	Moderate	14:30	9	S	1	2	7.87		27.70		22.43		97.8		7.03			8.4			0.20			0.006			NA	NA	NA	NA		
SR2	2/9/2017	Mid-Flood	Fine	Moderate	14:30	9	S	1	3																					NA	NA	NA	NA		
SR2	2/9/2017	Mid-Flood	Fine	Moderate	14:30	9	M	6	1	7.86	7.86	27.66	27.66	22.20	22.21	98.9	98.8	7.24	7.26		8.4	8.4		0.20	0.20		0.005	0.005		NA	NA	NA	NA	NA	NA
SR2	2/9/2017	Mid-Flood	Fine	Moderate	14:30	9	M	6	2	7.86		27.65		22.22		98.6		7.28			8.4			0.20			0.005			NA	NA	NA	NA		
SR2	2/9/2017	Mid-Flood	Fine	Moderate	14:30	9	M	6	3																					NA	NA	NA	NA		
SR2	2/9/2017	Mid-Flood	Fine	Moderate	14:30	9	B	8	1	7.86	7.86	27.69	27.68	22.34	22.35	99.2	99.3	7.29	7.29		8.5	8.6		0.20	0.20		0.005	0.005		NA	NA	NA	NA	NA	
SR2	2/9/2017	Mid-Flood	Fine	Moderate	14:30	9	B	8	2	7.86		27.66		22.35		99.3		7.28			8.6			0.20			0.005			NA	NA	NA	NA		
SR2	2/9/2017	Mid-Flood	Fine	Moderate	14:30	9	B	8	3																					NA	NA	NA	NA		
SR3	2/9/2017	Mid-Flood	Fine	Moderate	14:42	9	S	1	1	7.86	7.86	27.49	27.50	22.50	22.51	95.6	95.5	6.60	6.61	6.66	9.8	9.9	9.3	0.13	0.14	0.11	0.004	0.004	0.003	NA	NA	NA	NA	NA	NA
SR3	2/9/2017	Mid-Flood	Fine	Moderate	14:42	9	S	1	2	7.86		27.50		22.51		95.4		6.62			9.9			0.14			0.004			NA	NA	NA	NA		
SR3	2/9/2017	Mid-Flood	Fine	Moderate	14:42	9	S	1	3																					NA	NA	NA	NA		
SR3	2/9/2017	Mid-Flood	Fine	Moderate	14:42	9	M	6	1	7.87	7.87	27.43	27.43	22.49	22.50	95.0	95.1	6.71	6.72		9.0	9.1		0.10	0.10		0.003	0.003		NA	NA	NA	NA	NA	NA
SR3	2/9/2017	Mid-Flood	Fine	Moderate	14:42	9	M	6	2	7.87		27.42		22.50		95.2		6.72			9.2			0.10			0.003			NA	NA	NA	NA		
SR3	2/9/2017	Mid-Flood	Fine	Moderate	14:42	9	M	6	3																					NA	NA	NA	NA		
SR3	2/9/2017	Mid-Flood	Fine	Moderate	14:42	9	B	8	1	7.86	7.86	27.48	27.48	22.43	22.43	95.0	95.0	6.50	6.50		9.0	9.1		0.10	0.10		0.003	0.003		NA	NA	NA	NA	NA	
SR3	2/9/2017	Mid-Flood	Fine	Moderate	14:42	9	B	8	2	7.86		27.48		22.42		95.0		6.50			9.1			0.10			0.003			NA	NA	NA	NA		
SR3	2/9/2017	Mid-Flood	Fine	Moderate	14:42	9	B	8	3																					NA	NA	NA	NA		

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR4	2/9/2017	Mid-Flood	Fine	Moderate	14:53	4	S	1	1	7.88	7.88	27.30	27.31	24.22	24.20	96.0	96.1	6.52	6.54	6.53	7.8	7.8	7.9	0.16	0.16	0.16	0.005	0.005	0.005	NA	NA	NA	NA	NA	NA
SR4	2/9/2017	Mid-Flood	Fine	Moderate	14:53	4	S	1	2	7.87		27.31		24.20		96.1		6.54			7.7			0.16			0.005			NA	NA	NA	NA		
SR4	2/9/2017	Mid-Flood	Fine	Moderate	14:53	4	S	1	3																					NA	NA	NA	NA		
SR4	2/9/2017	Mid-Flood	Fine	Moderate	14:53	4	M		1																					NA	NA	NA	NA		
SR4	2/9/2017	Mid-Flood	Fine	Moderate	14:53	4	M		2		NA		NA		NA		NA		NA			NA			NA			NA		NA	NA	NA	NA	NA	NA
SR4	2/9/2017	Mid-Flood	Fine	Moderate	14:53	4	M		3																					NA	NA	NA	NA		
SR4	2/9/2017	Mid-Flood	Fine	Moderate	14:53	4	B	3	1	7.88	7.88	27.19	27.19	24.19	24.19	93.4	93.4	6.40	6.40		8.0	8.1		0.16	0.16		0.005	0.005		NA	NA	NA	NA	NA	
SR4	2/9/2017	Mid-Flood	Fine	Moderate	14:53	4	B	3	2	7.87		27.18		24.19		93.3		6.40			8.1			0.15			0.005			NA	NA	NA	NA		
SR4	2/9/2017	Mid-Flood	Fine	Moderate	14:53	4	B	3	3																					NA	NA	NA	NA		
SR5	2/9/2017	Mid-Flood	Fine	Moderate	14:15	11	S	1	1	7.87	7.87	27.70	27.71	22.04	22.05	99.0	99.0	6.84	6.83	6.78	8.1	8.1	8.2	NA	NA	NA	NA	NA	NA	0.20	0.14	0.74	1.08	1.14	1.09
SR5	2/9/2017	Mid-Flood	Fine	Moderate	14:15	11	S	1	2	7.87		27.71		22.05		98.9		6.82			8.1			NA			NA			0.20	0.16	0.81	1.17		
SR5	2/9/2017	Mid-Flood	Fine	Moderate	14:15	11	S	1	3																					0.20	0.14	0.82	1.16		
SR5	2/9/2017	Mid-Flood	Fine	Moderate	14:15	11	M	6.5	1	7.86	7.86	27.69	27.70	22.40	22.42	99.0	99.0	6.70	6.72		8.3	8.3		NA	NA		NA	NA		0.10	0.15	0.82	1.07	1.06	
SR5	2/9/2017	Mid-Flood	Fine	Moderate	14:15	11	M	6.5	2	7.86		27.70		22.44		99.0		6.74			8.2			NA			NA			0.10	0.15	0.80	1.05		
SR5	2/9/2017	Mid-Flood	Fine	Moderate	14:15	11	M	6.5	3																					0.10	0.15	0.81	1.06		
SR5	2/9/2017	Mid-Flood	Fine	Moderate	14:15	11	B	10	1	7.86	7.86	27.68	27.67	22.15	22.15	95.7	95.7	6.60	6.61		8.2	8.3		NA	NA		NA	NA		0.10	0.16	0.81	1.07	1.08	
SR5	2/9/2017	Mid-Flood	Fine	Moderate	14:15	11	B	10	2	7.86		27.66		22.14		95.6		6.62			8.3			NA			NA			0.10	0.16	0.82	1.08		
SR5	2/9/2017	Mid-Flood	Fine	Moderate	14:15	11	B	10	3																					0.10	0.16	0.82	1.08		
SR12	2/9/2017	Mid-Flood	Fine	Moderate	15:05	13	S	1	1	7.83	7.83	27.20	27.22	25.09	25.11	83.2	83.2	5.50	5.50	5.32	9.0	9.1	9.1	0.26	0.26	0.25	0.008	0.008	0.008	NA	NA	NA	NA	NA	NA
SR12	2/9/2017	Mid-Flood	Fine	Moderate	15:05	13	S	1	2	7.82		27.24		25.12		83.1		5.50			9.1			0.25			0.008			NA	NA	NA	NA		
SR12	2/9/2017	Mid-Flood	Fine	Moderate	15:05	13	S	1	3																					NA	NA	NA	NA		
SR12	2/9/2017	Mid-Flood	Fine	Moderate	15:05	13	M	7	1	7.81	7.82	27.30	27.31	25.20	25.21	80.8	80.8	5.16	5.15		9.2	9.2		0.25	0.25		0.008	0.008		NA	NA	NA	NA	NA	
SR12	2/9/2017	Mid-Flood	Fine	Moderate	15:05	13	M	7	2	7.82		27.31		25.22		80.8		5.13			9.1			0.25			0.008			NA	NA	NA	NA		
SR12	2/9/2017	Mid-Flood	Fine	Moderate	15:05	13	M	7	3																					NA	NA	NA	NA		
SR12	2/9/2017	Mid-Flood	Fine	Moderate	15:05	13	B	12	1	7.82	7.82	27.29	27.29	25.20	25.21	80.8	80.8	5.12	5.11		9.0	9.1		0.25	0.25		0.008	0.008		NA	NA	NA	NA	NA	
SR12	2/9/2017	Mid-Flood	Fine	Moderate	15:05	13	B	12	2	7.82		27.28		25.21		80.8		5.10			9.1			0.25			0.008			NA	NA	NA	NA		
SR12	2/9/2017	Mid-Flood	Fine	Moderate	15:05	13	B	12	3																					NA	NA	NA	NA		
SR13	2/9/2017	Mid-Flood	Fine	Moderate	15:15	14	S	1	1	7.80	7.80	26.70	26.71	29.89	29.88	74.0	74.0	4.90	4.91	4.86	8.9	8.9	9.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	2/9/2017	Mid-Flood	Fine	Moderate	15:15	14	S	1	2	7.80		26.71		29.86		74.0		4.91			8.8			NA			NA			NA	NA	NA	NA		
SR13	2/9/2017	Mid-Flood	Fine	Moderate	15:15	14	S	1	3																					NA	NA	NA	NA		
SR13	2/9/2017	Mid-Flood	Fine	Moderate	15:15	14	M	7.5	1	7.81	7.82	29.98	29.94	26.56	26.56	71.3	71.2	4.82	4.82		9.1	9.1		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	2/9/2017	Mid-Flood	Fine	Moderate	15:15	14	M	7.5	2	7.82		29.90		26.56		71.0		4.81			9.0			NA			NA			NA	NA	NA	NA		
SR13	2/9/2017	Mid-Flood	Fine	Moderate	15:15	14	M	7.5	3																					NA	NA	NA	NA		
SR13	2/9/2017	Mid-Flood	Fine	Moderate	15:15	14	B	13	1	7.81	7.82	30.26	30.27	26.50	26.50	70.2	70.1	4.70	4.72		9.2	9.2		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	2/9/2017	Mid-Flood	Fine	Moderate	15:15	14	B	13	2	7.83		30.27		26.50		70.0		4.73			9.1			NA			NA			NA	NA	NA	NA		
SR13	2/9/2017	Mid-Flood	Fine	Moderate	15:15	14	B	13	3																					NA	NA	NA	NA		

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																								
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
C1A	2/9/2017	Mid-Flood	Fine	Moderate	14:00	29	S	1	1	3	4	4	0.35	0.28	0.16	0.010	0.008	0.004	0.35	0.14	0.82	1.31	1.25	1.12	86	79	37	<0.5	0.50	0.50	1	1	1
C1A	2/9/2017	Mid-Flood	Fine	Moderate	14:00	29	S	1	2	4			0.20			0.005			0.20	0.14	0.78	1.12			72			<0.5			<1		
C1A	2/9/2017	Mid-Flood	Fine	Moderate	14:00	29	S	1	3										0.35	0.15	0.81	1.31											
C1A	2/9/2017	Mid-Flood	Fine	Moderate	14:00	29	M	14.5	1	4	5		0.08			0.002			0.08	0.15	0.82	1.05	1.04		34	38		<0.5			<1		
C1A	2/9/2017	Mid-Flood	Fine	Moderate	14:00	29	M	14.5	2	5			0.11			0.003			0.11	0.15	0.83	1.09			42			<0.5			<1		
C1A	2/9/2017	Mid-Flood	Fine	Moderate	14:00	29	M	14.5	3										0.04	0.14	0.81	0.99											
C1A	2/9/2017	Mid-Flood	Fine	Moderate	14:00	29	B	28	1	5	5		0.09	0.11		0.002	0.003		0.09	0.15	0.80	1.04	1.07		16	16		<0.5	0.50		<1	1	
C1A	2/9/2017	Mid-Flood	Fine	Moderate	14:00	29	B	28	2	5			0.12			0.003			0.12	0.15	0.82	1.09			17			<0.5			<1		
C1A	2/9/2017	Mid-Flood	Fine	Moderate	14:00	29	B	28	3										0.12	0.16	0.81	1.09											
C2A	2/9/2017	Mid-Flood	Fine	Moderate	15:30	14	S	1	1	7	8	8	0.10	0.11	0.19	0.003	0.003	0.006	0.10	0.07	0.30	0.47	0.48	0.55	63	60	49	<0.5	0.50	0.50	<1	1	1
C2A	2/9/2017	Mid-Flood	Fine	Moderate	15:30	14	S	1	2	8			0.11			0.004			0.11	0.06	0.31	0.48			57			<0.5			<1		
C2A	2/9/2017	Mid-Flood	Fine	Moderate	15:30	14	S	1	3										0.11	0.07	0.30	0.48											
C2A	2/9/2017	Mid-Flood	Fine	Moderate	15:30	14	M	8	1	8	8		0.23	0.22		0.007	0.007		0.23	0.06	0.30	0.59	0.59		48	50		<0.5	0.50		<1	1	
C2A	2/9/2017	Mid-Flood	Fine	Moderate	15:30	14	M	8	2	8			0.20			0.006			0.20	0.06	0.32	0.58			53			<0.5			<1		
C2A	2/9/2017	Mid-Flood	Fine	Moderate	15:30	14	M	8	3										0.23	0.06	0.31	0.60											
C2A	2/9/2017	Mid-Flood	Fine	Moderate	15:30	14	B	13	1	8	8		0.24	0.24		0.008	0.007		0.24	0.06	0.31	0.61	0.59		34	38		<0.5	0.50		<1	1	
C2A	2/9/2017	Mid-Flood	Fine	Moderate	15:30	14	B	13	2	8			0.23			0.007			0.23	0.06	0.30	0.59			42			<0.5			<1		
C2A	2/9/2017	Mid-Flood	Fine	Moderate	15:30	14	B	13	3										0.21	0.06	0.31	0.58											
G2	2/9/2017	Mid-Flood	Fine	Moderate	14:32	13	S	1	1	4	4	4	NA	NA	NA	NA	NA	NA	0.08	0.12	0.70	0.90	0.91	0.93	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	2/9/2017	Mid-Flood	Fine	Moderate	14:32	13	S	1	2	4			NA			NA			0.10	0.12	0.70	0.92			NA			NA			NA		
G2	2/9/2017	Mid-Flood	Fine	Moderate	14:32	13	S	1	3										0.10	0.12	0.70	0.92											
G2	2/9/2017	Mid-Flood	Fine	Moderate	14:32	13	M	7	1	4	4		NA	NA	NA	NA	NA	NA	0.10	0.12	0.70	0.92	0.94		NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	2/9/2017	Mid-Flood	Fine	Moderate	14:32	13	M	7	2	3			NA			NA			0.10	0.12	0.70	0.92			NA			NA			NA		
G2	2/9/2017	Mid-Flood	Fine	Moderate	14:32	13	M	7	3										0.17	0.12	0.70	0.99											
G2	2/9/2017	Mid-Flood	Fine	Moderate	14:32	13	B	12	1	4	5		NA	NA		NA	NA		0.10	0.12	0.70	0.92	0.95		NA	NA		NA	NA		NA	NA	
G2	2/9/2017	Mid-Flood	Fine	Moderate	14:32	13	B	12	2	5			NA			NA			0.11	0.12	0.70	0.93			NA			NA			NA		
G2	2/9/2017	Mid-Flood	Fine	Moderate	14:32	13	B	12	3										0.17	0.12	0.70	0.99											
SR2	2/9/2017	Mid-Flood	Fine	Moderate	14:30	9	S	1	1	4	4	3	0.11	0.17	0.19	0.003	0.005	0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	2/9/2017	Mid-Flood	Fine	Moderate	14:30	9	S	1	2	4			0.22			0.006			NA	NA	NA	NA			NA			NA			NA		
SR2	2/9/2017	Mid-Flood	Fine	Moderate	14:30	9	S	1	3										NA	NA	NA	NA											
SR2	2/9/2017	Mid-Flood	Fine	Moderate	14:30	9	M	6	1	3	3		0.20	0.20		0.005	0.005		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	2/9/2017	Mid-Flood	Fine	Moderate	14:30	9	M	6	2	3			0.20			0.005			NA	NA	NA	NA			NA			NA			NA		
SR2	2/9/2017	Mid-Flood	Fine	Moderate	14:30	9	M	6	3										NA	NA	NA	NA											
SR2	2/9/2017	Mid-Flood	Fine	Moderate	14:30	9	B	8	1	3	3		0.19	0.20		0.005	0.005		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	2/9/2017	Mid-Flood	Fine	Moderate	14:30	9	B	8	2	3			0.20			0.005			NA	NA	NA	NA			NA			NA			NA		
SR2	2/9/2017	Mid-Flood	Fine	Moderate	14:30	9	B	8	3										NA	NA	NA	NA											
SR3	2/9/2017	Mid-Flood	Fine	Moderate	14:42	9	S	1	1	3	4	5	0.11	0.13	0.10	0.003	0.003	0.003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	2/9/2017	Mid-Flood	Fine	Moderate	14:42	9	S	1	2	4			0.14			0.004			NA	NA	NA	NA			NA			NA			NA		
SR3	2/9/2017	Mid-Flood	Fine	Moderate	14:42	9	S	1	3										NA	NA	NA	NA											
SR3	2/9/2017	Mid-Flood	Fine	Moderate	14:42	9	M	6	1	4	5		0.10	0.11		0.003	0.003		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	2/9/2017	Mid-Flood	Fine	Moderate	14:42	9	M	6	2	6			0.11			0.003			NA	NA	NA	NA			NA			NA			NA		
SR3	2/9/2017	Mid-Flood	Fine	Moderate	14:42	9	M	6	3										NA	NA	NA	NA											
SR3	2/9/2017	Mid-Flood	Fine	Moderate	14:42	9	B	8	1	6	6		0.08	0.08		0.002	0.002		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	2/9/2017	Mid-Flood	Fine	Moderate	14:42	9	B	8	2	5			0.07			0.002			NA	NA	NA	NA			NA			NA			NA		
SR3	2/9/2017	Mid-Flood	Fine	Moderate	14:42	9	B	8	3										NA	NA	NA	NA											

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
SR4	2/9/2017	Mid-Flood	Fine	Moderate	14:53	4	S	1	1	3	4	4	0.16	0.16	0.16	0.005	0.005	0.005	NA	NA	NA	NA	NA	NA	780	734	659	<0.5	0.50	0.50	<1	1	1
SR4	2/9/2017	Mid-Flood	Fine	Moderate	14:53	4	S	1	2	4			0.16			0.005			NA	NA	NA	NA			690			<0.5			<1		
SR4	2/9/2017	Mid-Flood	Fine	Moderate	14:53	4	S	1	3										NA	NA	NA	NA											
SR4	2/9/2017	Mid-Flood	Fine	Moderate	14:53	4	M		1		NA			NA			NA		NA	NA	NA	NA	NA	NA		NA			NA			NA	
SR4	2/9/2017	Mid-Flood	Fine	Moderate	14:53	4	M		2										NA	NA	NA	NA											
SR4	2/9/2017	Mid-Flood	Fine	Moderate	14:53	4	M		3										NA	NA	NA	NA											
SR4	2/9/2017	Mid-Flood	Fine	Moderate	14:53	4	B	3	1	4	5		0.16	0.16		0.005	0.005		NA	NA	NA	NA	NA		650	592		<0.5	0.50		<1	1	
SR4	2/9/2017	Mid-Flood	Fine	Moderate	14:53	4	B	3	2	5			0.15			0.005			NA	NA	NA	NA			540			<0.5			<1		
SR4	2/9/2017	Mid-Flood	Fine	Moderate	14:53	4	B	3	3										NA	NA	NA	NA											
SR5	2/9/2017	Mid-Flood	Fine	Moderate	14:15	11	S	1	1	4	5		NA			NA			0.10	0.14	0.74	0.98			NA			NA			NA		
SR5	2/9/2017	Mid-Flood	Fine	Moderate	14:15	11	S	1	2	5			NA	NA		NA	NA		0.17	0.16	0.81	1.14	1.14		NA	NA		NA	NA		NA	NA	
SR5	2/9/2017	Mid-Flood	Fine	Moderate	14:15	11	S	1	3										0.34	0.14	0.82	1.30											
SR5	2/9/2017	Mid-Flood	Fine	Moderate	14:15	11	M	6.5	1	4	4	4	NA	NA	NA	NA	NA	NA	0.08	0.15	0.82	1.05	1.04	1.09	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	2/9/2017	Mid-Flood	Fine	Moderate	14:15	11	M	6.5	2	4			NA			NA			0.09	0.15	0.80	1.04			NA			NA			NA		
SR5	2/9/2017	Mid-Flood	Fine	Moderate	14:15	11	M	6.5	3										0.08	0.15	0.81	1.04											
SR5	2/9/2017	Mid-Flood	Fine	Moderate	14:15	11	B	10	1	3	4		NA	NA		NA	NA		0.10	0.16	0.81	1.07	1.09		NA	NA		NA	NA		NA	NA	
SR5	2/9/2017	Mid-Flood	Fine	Moderate	14:15	11	B	10	2	5			NA			NA			0.11	0.16	0.82	1.09			NA			NA			NA		
SR5	2/9/2017	Mid-Flood	Fine	Moderate	14:15	11	B	10	3										0.12	0.16	0.82	1.10											
SR12	2/9/2017	Mid-Flood	Fine	Moderate	15:05	13	S	1	1	5	6	6	0.27	0.26	0.25	0.008	0.008	0.008	NA	NA	NA	NA	NA	NA	360	384	414	<0.5	0.50	0.50	<1	1	1
SR12	2/9/2017	Mid-Flood	Fine	Moderate	15:05	13	S	1	2	6			0.25			0.008			NA	NA	NA	NA			410			<0.5			<1		
SR12	2/9/2017	Mid-Flood	Fine	Moderate	15:05	13	S	1	3										NA	NA	NA	NA											
SR12	2/9/2017	Mid-Flood	Fine	Moderate	15:05	13	M	7	1	6	6		0.27			0.008			NA	NA	NA	NA	NA		340			<0.5			<1		
SR12	2/9/2017	Mid-Flood	Fine	Moderate	15:05	13	M	7	2	5			0.26	0.27		0.008	0.008		NA	NA	NA	NA			420	378		<0.5	0.50		<1	1	
SR12	2/9/2017	Mid-Flood	Fine	Moderate	15:05	13	M	7	3										NA	NA	NA	NA											
SR12	2/9/2017	Mid-Flood	Fine	Moderate	15:05	13	B	12	1	5	6		0.26			0.008			NA	NA	NA	NA	NA		510			<0.5			<1		
SR12	2/9/2017	Mid-Flood	Fine	Moderate	15:05	13	B	12	2	6			0.20	0.23		0.006	0.007		NA	NA	NA	NA			470	490		<0.5	0.50		<1	1	
SR12	2/9/2017	Mid-Flood	Fine	Moderate	15:05	13	B	12	3										NA	NA	NA	NA											
SR13	2/9/2017	Mid-Flood	Fine	Moderate	15:15	14	S	1	1	5	5	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	2/9/2017	Mid-Flood	Fine	Moderate	15:15	14	S	1	2	5			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	2/9/2017	Mid-Flood	Fine	Moderate	15:15	14	S	1	3										NA	NA	NA	NA											
SR13	2/9/2017	Mid-Flood	Fine	Moderate	15:15	14	M	7.5	1	8	8		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	2/9/2017	Mid-Flood	Fine	Moderate	15:15	14	M	7.5	2	7			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	2/9/2017	Mid-Flood	Fine	Moderate	15:15	14	M	7.5	3										NA	NA	NA	NA											
SR13	2/9/2017	Mid-Flood	Fine	Moderate	15:15	14	B	13	1	6	6		NA			NA			NA	NA	NA	NA	NA		NA			NA			NA		
SR13	2/9/2017	Mid-Flood	Fine	Moderate	15:15	14	B	13	2	6			NA	NA		NA	NA		NA	NA	NA	NA			NA			NA			NA		
SR13	2/9/2017	Mid-Flood	Fine	Moderate	15:15	14	B	13	3										NA	NA	NA	NA											

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
C1A	2/9/2017	Mid-Ebb	Fine	Moderate	12:15	28	S	1	1	7.87	7.87	27.73	27.73	22.15	22.15	96.6	96.8	7.90	7.95	7.20	8.3	8.3	8.4	0.10	0.10	0.10	0.003	0.003	0.003	0.10	0.14	0.73	0.97	1.03	1.05
C1A	2/9/2017	Mid-Ebb	Fine	Moderate	12:15	28	S	1	2	7.87		27.73		22.14		96.9		7.99			8.2			0.10			0.003			0.10	0.15	0.81	1.06		
C1A	2/9/2017	Mid-Ebb	Fine	Moderate	12:15	28	S	1	3																					0.10	0.15	0.82	1.07		
C1A	2/9/2017	Mid-Ebb	Fine	Moderate	12:15	28	M	14	1	7.83	7.83	27.62	27.62	22.20	22.21	92.4	92.5	6.44	6.45		8.5	8.6		0.10	0.10		0.003	0.003		0.10	0.16	0.82	1.08		
C1A	2/9/2017	Mid-Ebb	Fine	Moderate	12:15	28	M	14	2	7.83		27.62		22.21		92.5		6.45			8.6			0.10			0.003			0.10	0.15	0.82	1.07		
C1A	2/9/2017	Mid-Ebb	Fine	Moderate	12:15	28	M	14	3																					0.10	0.16	0.82	1.08		
C1A	2/9/2017	Mid-Ebb	Fine	Moderate	12:15	28	B	27	1	7.84	7.84	27.57	27.57	23.06	23.06	92.4	92.4	6.37	6.37		8.3	8.3		0.10	0.10		0.003	0.003		0.10	0.14	0.80	1.04	1.05	
C1A	2/9/2017	Mid-Ebb	Fine	Moderate	12:15	28	B	27	2	7.84		27.57		23.06		92.3		6.36			8.2			0.10			0.003			0.10	0.15	0.80	1.05		
C1A	2/9/2017	Mid-Ebb	Fine	Moderate	12:15	28	B	27	3																					0.10	0.15	0.82	1.07		
C2A	2/9/2017	Mid-Ebb	Fine	Moderate	10:30	14	S	1	1	7.81	7.81	30.25	30.25	26.51	26.51	69.7	69.7	4.72	4.72	4.71	9.2	9.2	9.0	0.10	0.10	0.17	0.003	0.003	0.005	0.10	0.06	0.31	0.47	0.47	0.53
C2A	2/9/2017	Mid-Ebb	Fine	Moderate	10:30	14	S	1	2	7.81		30.25		26.51		69.6		4.71			9.1			0.10			0.003			0.10	0.07	0.30	0.47		
C2A	2/9/2017	Mid-Ebb	Fine	Moderate	10:30	14	S	1	3																					0.10	0.07	0.30	0.47		
C2A	2/9/2017	Mid-Ebb	Fine	Moderate	10:30	14	M	8	1	7.80	7.80	30.22	30.22	26.50	26.50	69.6	69.5	4.70	4.71		9.0	9.0		0.20	0.20		0.006	0.006		0.20	0.07	0.30	0.57	0.56	
C2A	2/9/2017	Mid-Ebb	Fine	Moderate	10:30	14	M	8	2	7.80		30.22		26.50		69.4		4.71			8.9			0.20			0.006			0.20	0.06	0.31	0.57		
C2A	2/9/2017	Mid-Ebb	Fine	Moderate	10:30	14	M	8	3																					0.20	0.06	0.29	0.55		
C2A	2/9/2017	Mid-Ebb	Fine	Moderate	10:30	14	B	13	1	7.80	7.80	30.24	30.26	26.48	26.49	69.3	69.3	4.70	4.70		8.9	8.9		0.20	0.20		0.006	0.006		0.20	0.07	0.30	0.57	0.57	
C2A	2/9/2017	Mid-Ebb	Fine	Moderate	10:30	14	B	13	2	7.80		30.28		26.50		69.2		4.70			8.9			0.20			0.006			0.20	0.06	0.30	0.56		
C2A	2/9/2017	Mid-Ebb	Fine	Moderate	10:30	14	B	13	3																					0.20	0.07	0.30	0.57		
G2	2/9/2017	Mid-Ebb	Fine	Moderate	11:26	12	S	1	1	7.89	7.89	27.50	27.50	24.09	24.08	100.0	100.1	6.91	6.91	6.78	8.5	8.5	8.5	NA	NA	NA	NA	NA	NA	0.10	0.12	0.71	0.93	0.93	0.92
G2	2/9/2017	Mid-Ebb	Fine	Moderate	11:26	12	S	1	2	7.89		27.50		24.07		100.1		6.90			8.4			NA			NA			0.10	0.12	0.70	0.92		
G2	2/9/2017	Mid-Ebb	Fine	Moderate	11:26	12	S	1	3																					0.10	0.12	0.71	0.93		
G2	2/9/2017	Mid-Ebb	Fine	Moderate	11:26	12	M	6	1	7.88	7.88	27.39	27.39	24.60	24.59	97.0	97.1	6.66	6.66		8.5	8.5		NA	NA		NA	NA		0.10	0.12	0.70	0.92	0.92	
G2	2/9/2017	Mid-Ebb	Fine	Moderate	11:26	12	M	6	2	7.88		27.39		24.58		97.1		6.65			8.4			NA			NA			0.10	0.12	0.70	0.92		
G2	2/9/2017	Mid-Ebb	Fine	Moderate	11:26	12	M	6	3																					0.10	0.12	0.70	0.92		
G2	2/9/2017	Mid-Ebb	Fine	Moderate	11:26	12	B	11	1	7.87	7.88	27.36	27.36	24.75	24.76	96.9	96.7	6.61	6.62		8.6	8.7		NA	NA		NA	NA		0.10	0.12	0.71	0.93	0.92	
G2	2/9/2017	Mid-Ebb	Fine	Moderate	11:26	12	B	11	2	7.88		27.36		24.77		96.4		6.62			8.7			NA			NA			0.10	0.12	0.69	0.91		
G2	2/9/2017	Mid-Ebb	Fine	Moderate	11:26	12	B	11	3																					0.10	0.12	0.70	0.92		
SR2	2/9/2017	Mid-Ebb	Fine	Moderate	11:40	7	S	1	1	7.90	7.90	27.50	27.51	24.39	24.40	102.3	102.4	7.07	7.07	6.98	8.3	8.3	8.2	0.06	0.07	0.05	0.002	0.002	0.002	NA	NA	NA	NA	NA	NA
SR2	2/9/2017	Mid-Ebb	Fine	Moderate	11:40	7	S	1	2	7.90		27.51		24.40		102.4		7.06			8.2			0.07			0.002			NA	NA	NA	NA		
SR2	2/9/2017	Mid-Ebb	Fine	Moderate	11:40	7	S	1	3																					NA	NA	NA	NA		
SR2	2/9/2017	Mid-Ebb	Fine	Moderate	11:40	7	M	3.5	1	7.89	7.89	27.44	27.45	24.68	24.69	100.8	100.8	6.89	6.89		8.2	8.2		0.05	0.05		0.002	0.002		NA	NA	NA	NA	NA	
SR2	2/9/2017	Mid-Ebb	Fine	Moderate	11:40	7	M	3.5	2	7.89		27.45		24.69		100.7		6.88			8.1			0.05			0.002			NA	NA	NA	NA		
SR2	2/9/2017	Mid-Ebb	Fine	Moderate	11:40	7	M	3.5	3																					NA	NA	NA	NA		
SR2	2/9/2017	Mid-Ebb	Fine	Moderate	11:40	7	B	6	1	7.89	7.89	27.45	27.46	24.69	24.70	99.8	99.7	6.80	6.81		8.2	8.2		0.03	0.03		0.001	0.001		NA	NA	NA	NA	NA	
SR2	2/9/2017	Mid-Ebb	Fine	Moderate	11:40	7	B	6	2	7.89		27.46		24.70		99.6		6.81			8.1			0.03			0.001			NA	NA	NA	NA		
SR2	2/9/2017	Mid-Ebb	Fine	Moderate	11:40	7	B	6	3																					NA	NA	NA	NA		
SR3	2/9/2017	Mid-Ebb	Fine	Moderate	11:16	7	S	1	1	7.87	7.87	27.55	27.55	23.66	23.67	95.8	95.9	6.66	6.67	6.69	9.8	9.9	9.1	0.10	0.10	0.10	0.003	0.003	0.003	NA	NA	NA	NA	NA	NA
SR3	2/9/2017	Mid-Ebb	Fine	Moderate	11:16	7	S	1	2	7.87		27.54		23.67		95.9		6.67			9.9			0.10			0.003			NA	NA	NA	NA		
SR3	2/9/2017	Mid-Ebb	Fine	Moderate	11:16	7	S	1	3																					NA	NA	NA	NA		
SR3	2/9/2017	Mid-Ebb	Fine	Moderate	11:16	7	M	3.5	1	7.87	7.87	27.42	27.43	23.96	23.97	97.4	97.4	6.70	6.71		8.9	8.9		0.10	0.10		0.003	0.003		NA	NA	NA	NA	NA	
SR3	2/9/2017	Mid-Ebb	Fine	Moderate	11:16	7	M	3.5	2	7.87		27.43		23.98		97.3		6.71			8.9			0.10			0.003			NA	NA	NA	NA		
SR3	2/9/2017	Mid-Ebb	Fine	Moderate	11:16	7	M	3.5	3																					NA	NA	NA	NA		
SR3	2/9/2017	Mid-Ebb	Fine	Moderate	11:16	7	B	6	1	7.86	7.86	27.42	27.42	24.27	24.26	95.4	95.0	6.55	6.56		8.4	8.5		0.10	0.10		0.003	0.003		NA	NA	NA	NA	NA	
SR3	2/9/2017	Mid-Ebb	Fine	Moderate	11:16	7	B	6	2	7.86		27.42		24.26		95.0		6.56			8.5			0.10			0.003			NA	NA	NA	NA		
SR3	2/9/2017	Mid-Ebb	Fine	Moderate	11:16	7	B	6	3																					NA	NA	NA	NA		

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																									
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR4	2/9/2017	Mid-Ebb	Fine	Moderate	11:05	4	S	1	1	7.83	7.83	28.14	28.14	26.84	26.84	96.1	96.2	6.55	6.55	6.55	7.8	7.8	8.0	0.15	0.16	0.15	0.005	0.005	0.005	NA	NA	NA	NA	NA	NA
SR4	2/9/2017	Mid-Ebb	Fine	Moderate	11:05	4	S	1	2	7.83		28.14		26.84		96.2		6.55			7.7			0.16			0.006			NA	NA	NA	NA		
SR4	2/9/2017	Mid-Ebb	Fine	Moderate	11:05	4	S	1	3																					NA	NA	NA	NA		
SR4	2/9/2017	Mid-Ebb	Fine	Moderate	11:05	4	M		1																					NA	NA	NA	NA		
SR4	2/9/2017	Mid-Ebb	Fine	Moderate	11:05	4	M		2		NA		NA		NA		NA		NA			NA			NA			NA		NA	NA	NA	NA	NA	NA
SR4	2/9/2017	Mid-Ebb	Fine	Moderate	11:05	4	M		3																					NA	NA	NA	NA		
SR4	2/9/2017	Mid-Ebb	Fine	Moderate	11:05	4	B	3	1	7.82	7.82	28.97	29.00	26.63	26.63	93.4	93.4	6.41	6.41		8.2	8.2		0.13	0.14		0.004	0.004		NA	NA	NA	NA	NA	NA
SR4	2/9/2017	Mid-Ebb	Fine	Moderate	11:05	4	B	3	2	7.82		29.03		26.62		93.3		6.40			8.1			0.14			0.005			NA	NA	NA	NA		
SR4	2/9/2017	Mid-Ebb	Fine	Moderate	11:05	4	B	3	3																					NA	NA	NA	NA		
SR5	2/9/2017	Mid-Ebb	Fine	Moderate	11:55	10	S	1	1	7.87	7.87	27.77	27.78	22.06	22.06	99.2	99.1	6.84	6.84	6.81	8.2	8.2	8.3	NA	NA	NA	NA	NA	NA	0.20	0.14	0.79	1.13	1.16	1.09
SR5	2/9/2017	Mid-Ebb	Fine	Moderate	11:55	10	S	1	2	7.87		27.78		22.05		98.9		6.83			8.1			NA			NA			0.20	0.15	0.82	1.17		
SR5	2/9/2017	Mid-Ebb	Fine	Moderate	11:55	10	S	1	3																					0.20	0.15	0.82	1.17		
SR5	2/9/2017	Mid-Ebb	Fine	Moderate	11:55	10	M	6	1	7.87	7.87	27.68	27.68	22.43	22.44	99.1	98.9	6.78	6.78		8.3	8.2		NA	NA		NA	NA		0.10	0.15	0.80	1.05		
SR5	2/9/2017	Mid-Ebb	Fine	Moderate	11:55	10	M	6	2	7.87		27.68		22.44		98.7		6.77			8.1			NA			NA			0.10	0.15	0.82	1.07	1.06	
SR5	2/9/2017	Mid-Ebb	Fine	Moderate	11:55	10	M	6	3																					0.10	0.15	0.81	1.06		
SR5	2/9/2017	Mid-Ebb	Fine	Moderate	11:55	10	B	9	1	7.86	7.86	27.64	27.64	22.64	22.65	95.7	95.7	6.62	6.53		8.4	8.5		NA	NA		NA	NA		0.10	0.15	0.82	1.07	1.06	
SR5	2/9/2017	Mid-Ebb	Fine	Moderate	11:55	10	B	9	2	7.86		27.64		22.66		95.6		6.43			8.5			NA			NA			0.10	0.15	0.82	1.07		
SR5	2/9/2017	Mid-Ebb	Fine	Moderate	11:55	10	B	9	3																					0.10	0.15	0.80	1.05		
SR12	2/9/2017	Mid-Ebb	Fine	Moderate	10:54	12	S	1	1	7.83	7.83	28.14	28.14	26.84	26.84	83.3	83.2	5.56	5.57	5.36	9.5	9.6	9.9	0.22	0.22	0.19	0.008	0.008	0.006	NA	NA	NA	NA	NA	NA
SR12	2/9/2017	Mid-Ebb	Fine	Moderate	10:54	12	S	1	2	7.83		28.14		26.84		83.1		5.57			9.6			0.22			0.008			NA	NA	NA	NA		
SR12	2/9/2017	Mid-Ebb	Fine	Moderate	10:54	12	S	1	3																					NA	NA	NA	NA		
SR12	2/9/2017	Mid-Ebb	Fine	Moderate	10:54	12	M	6	1	7.82	7.82	28.29	28.30	26.81	26.81	76.6	76.6	5.17	5.16		9.7	9.7		0.15	0.15		0.005	0.005		NA	NA	NA	NA	NA	NA
SR12	2/9/2017	Mid-Ebb	Fine	Moderate	10:54	12	M	6	2	7.82		28.30		26.81		76.5		5.15			9.7			0.15			0.005			NA	NA	NA	NA		
SR12	2/9/2017	Mid-Ebb	Fine	Moderate	10:54	12	M	6	3																					NA	NA	NA	NA		
SR12	2/9/2017	Mid-Ebb	Fine	Moderate	10:54	12	B	11	1	7.82	7.82	28.97	28.99	26.63	26.63	76.3	76.2	5.16	5.15		10.5	10.4		0.20	0.20		0.007	0.007		NA	NA	NA	NA	NA	
SR12	2/9/2017	Mid-Ebb	Fine	Moderate	10:54	12	B	11	2	7.82		29.00		26.62		76.1		5.14			10.3			0.20			0.007			NA	NA	NA	NA		
SR12	2/9/2017	Mid-Ebb	Fine	Moderate	10:54	12	B	11	3																					NA	NA	NA	NA		
SR13	2/9/2017	Mid-Ebb	Fine	Moderate	10:44	13	S	1	1	7.80	7.80	26.71	26.71	29.89	29.88	74.0	74.1	4.98	4.99	4.90	8.9	8.9	9.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	2/9/2017	Mid-Ebb	Fine	Moderate	10:44	13	S	1	2	7.80		26.71		29.86		74.1		4.99			8.8			NA			NA			NA	NA	NA	NA		
SR13	2/9/2017	Mid-Ebb	Fine	Moderate	10:44	13	S	1	3																					NA	NA	NA	NA		
SR13	2/9/2017	Mid-Ebb	Fine	Moderate	10:44	13	M	7	1	7.80	7.80	29.90	29.90	26.56	26.56	71.3	71.3	4.82	4.82		9.1	9.1		NA	NA		NA	NA		NA	NA	NA	NA	NA	NA
SR13	2/9/2017	Mid-Ebb	Fine	Moderate	10:44	13	M	7	2	7.80		29.90		26.56		71.2		4.81			9.0			NA			NA			NA	NA	NA	NA		
SR13	2/9/2017	Mid-Ebb	Fine	Moderate	10:44	13	M	7	3																					NA	NA	NA	NA		
SR13	2/9/2017	Mid-Ebb	Fine	Moderate	10:44	13	B	12	1	7.81	7.81	30.26	30.27	26.50	26.50	70.1	70.1	4.74	4.74		9.2	9.2		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	2/9/2017	Mid-Ebb	Fine	Moderate	10:44	13	B	12	2	7.81		30.27		26.50		70.0		4.73			9.1			NA			NA			NA	NA	NA	NA		
SR13	2/9/2017	Mid-Ebb	Fine	Moderate	10:44	13	B	12	3																					NA	NA	NA	NA		

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
C1A	2/9/2017	Mid-Ebb	Fine	Moderate	12:15	28	S	1	1	4	5	4	0.11	0.15	0.11	0.003	0.004	0.003	0.11	0.14	0.73	0.98	1.06	1.06	78	82	42	<0.5	0.50	0.50	<1	1	1
C1A	2/9/2017	Mid-Ebb	Fine	Moderate	12:15	28	S	1	2	5			0.18			0.005			0.18	0.15	0.81	1.14			86			<0.5			1		
C1A	2/9/2017	Mid-Ebb	Fine	Moderate	12:15	28	S	1	3										0.10	0.15	0.82	1.07											
C1A	2/9/2017	Mid-Ebb	Fine	Moderate	12:15	28	M	14	1	4	5		0.14	0.11		0.004	0.003		0.14	0.16	0.82	1.12	1.08		53	57		<0.5	0.50		<1	1	
C1A	2/9/2017	Mid-Ebb	Fine	Moderate	12:15	28	M	14	2	5			0.08			0.002			0.08	0.15	0.82	1.05			62			<0.5			1		
C1A	2/9/2017	Mid-Ebb	Fine	Moderate	12:15	28	M	14	3										0.08	0.16	0.82	1.06											
C1A	2/9/2017	Mid-Ebb	Fine	Moderate	12:15	28	B	27	1	3	4		0.04	0.08		0.001	0.002		0.04	0.14	0.80	0.98	1.03		14	15		<0.5	0.50		1	1	
C1A	2/9/2017	Mid-Ebb	Fine	Moderate	12:15	28	B	27	2	4			0.11			0.003			0.11	0.15	0.80	1.06			17			<0.5			<1		
C1A	2/9/2017	Mid-Ebb	Fine	Moderate	12:15	28	B	27	3										0.09	0.15	0.82	1.06											
C2A	2/9/2017	Mid-Ebb	Fine	Moderate	10:30	14	S	1	1	8	8	8	0.12	0.12	0.18	0.004	0.004	0.006	0.12	0.06	0.31	0.49	0.48	0.54	23	24	36	<0.5	0.50	0.50	<1	1	1
C2A	2/9/2017	Mid-Ebb	Fine	Moderate	10:30	14	S	1	2	7			0.11			0.004			0.11	0.07	0.30	0.48			25			<0.5			<1		
C2A	2/9/2017	Mid-Ebb	Fine	Moderate	10:30	14	S	1	3										0.10	0.07	0.30	0.47											
C2A	2/9/2017	Mid-Ebb	Fine	Moderate	10:30	14	M	8	1	7	8		0.24	0.21		0.007	0.007		0.24	0.07	0.30	0.61	0.57		38	40		<0.5	0.50		<1	1	
C2A	2/9/2017	Mid-Ebb	Fine	Moderate	10:30	14	M	8	2	8			0.18			0.006			0.18	0.06	0.31	0.55			42			<0.5			<1		
C2A	2/9/2017	Mid-Ebb	Fine	Moderate	10:30	14	M	8	3										0.19	0.06	0.29	0.54											
C2A	2/9/2017	Mid-Ebb	Fine	Moderate	10:30	14	B	13	1	10	10		0.22	0.22		0.007	0.007		0.22	0.07	0.30	0.59	0.58		53	50		<0.5	0.50		<1	1	
C2A	2/9/2017	Mid-Ebb	Fine	Moderate	10:30	14	B	13	2	9			0.22			0.007			0.22	0.06	0.30	0.58			47			<0.5			<1		
C2A	2/9/2017	Mid-Ebb	Fine	Moderate	10:30	14	B	13	3										0.21	0.07	0.30	0.58											
G2	2/9/2017	Mid-Ebb	Fine	Moderate	11:26	12	S	1	1	4	4	3	NA	NA	NA	NA	NA	NA	0.12	0.12	0.71	0.95	0.95	0.94	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	2/9/2017	Mid-Ebb	Fine	Moderate	11:26	12	S	1	2	3			NA			NA			0.13	0.12	0.70	0.95			NA			NA			NA		
G2	2/9/2017	Mid-Ebb	Fine	Moderate	11:26	12	S	1	3										0.12	0.12	0.71	0.95											
G2	2/9/2017	Mid-Ebb	Fine	Moderate	11:26	12	M	6	1	3	3		NA	NA		NA	NA		0.09	0.12	0.70	0.91	0.92		NA	NA		NA	NA		NA	NA	
G2	2/9/2017	Mid-Ebb	Fine	Moderate	11:26	12	M	6	2	3			NA			NA			0.10	0.12	0.70	0.92			NA			NA			NA		
G2	2/9/2017	Mid-Ebb	Fine	Moderate	11:26	12	M	6	3										0.12	0.12	0.70	0.94											
G2	2/9/2017	Mid-Ebb	Fine	Moderate	11:26	12	B	11	1	3	4		NA	NA		NA	NA		0.14	0.12	0.71	0.97	0.96		NA	NA		NA	NA		NA	NA	
G2	2/9/2017	Mid-Ebb	Fine	Moderate	11:26	12	B	11	2	4			NA			NA			0.14	0.12	0.69	0.95			NA			NA			NA		
G2	2/9/2017	Mid-Ebb	Fine	Moderate	11:26	12	B	11	3										0.13	0.12	0.70	0.95											
SR2	2/9/2017	Mid-Ebb	Fine	Moderate	11:40	7	S	1	1	5	4	4	0.06	0.07	0.05	0.002	0.002	0.002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	2/9/2017	Mid-Ebb	Fine	Moderate	11:40	7	S	1	2	3			0.07			0.002			NA	NA	NA	NA			NA			NA			NA		
SR2	2/9/2017	Mid-Ebb	Fine	Moderate	11:40	7	S	1	3										NA	NA	NA	NA											
SR2	2/9/2017	Mid-Ebb	Fine	Moderate	11:40	7	M	3.5	1	5			0.04			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	2/9/2017	Mid-Ebb	Fine	Moderate	11:40	7	M	3.5	2	3			0.05			0.002			NA	NA	NA	NA			NA			NA			NA		
SR2	2/9/2017	Mid-Ebb	Fine	Moderate	11:40	7	M	3.5	3										NA	NA	NA	NA											
SR2	2/9/2017	Mid-Ebb	Fine	Moderate	11:40	7	B	6	1	5			0.03			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	2/9/2017	Mid-Ebb	Fine	Moderate	11:40	7	B	6	2	3			0.03			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	2/9/2017	Mid-Ebb	Fine	Moderate	11:40	7	B	6	3										NA	NA	NA	NA											
SR3	2/9/2017	Mid-Ebb	Fine	Moderate	11:16	7	S	1	1	3	3	3	0.15	0.11	0.08	0.005	0.003	0.003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	2/9/2017	Mid-Ebb	Fine	Moderate	11:16	7	S	1	2	2			0.07			0.002			NA	NA	NA	NA			NA			NA			NA		
SR3	2/9/2017	Mid-Ebb	Fine	Moderate	11:16	7	S	1	3										NA	NA	NA	NA											
SR3	2/9/2017	Mid-Ebb	Fine	Moderate	11:16	7	M	3.5	1	2	3		0.09	0.07		0.003	0.002		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	2/9/2017	Mid-Ebb	Fine	Moderate	11:16	7	M	3.5	2	3			0.04			0.001			NA	NA	NA	NA			NA			NA			NA		
SR3	2/9/2017	Mid-Ebb	Fine	Moderate	11:16	7	M	3.5	3										NA	NA	NA	NA											
SR3	2/9/2017	Mid-Ebb	Fine	Moderate	11:16	7	B	6	1	3	3		0.08	0.06		0.002	0.002		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	2/9/2017	Mid-Ebb	Fine	Moderate	11:16	7	B	6	2	3			0.06			0.002			NA	NA	NA	NA			NA			NA			NA		
SR3	2/9/2017	Mid-Ebb	Fine	Moderate	11:16	7	B	6	3										NA	NA	NA	NA											

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
SR4	2/9/2017	Mid-Ebb	Fine	Moderate	11:05	4	S	1	1	3	4	3	0.18	0.17	0.15	0.006	0.006	0.005	NA	NA	NA	NA	NA	NA	430	399	478	<0.5	0.50	0.50	<1	1	1
SR4	2/9/2017	Mid-Ebb	Fine	Moderate	11:05	4	S	1	2	4			0.16			0.006			NA	NA	NA	NA			370			<0.5			<1		
SR4	2/9/2017	Mid-Ebb	Fine	Moderate	11:05	4	S	1	3										NA	NA	NA	NA											
SR4	2/9/2017	Mid-Ebb	Fine	Moderate	11:05	4	M		1		NA			NA			NA		NA	NA	NA	NA	NA	NA		NA			NA			NA	
SR4	2/9/2017	Mid-Ebb	Fine	Moderate	11:05	4	M		2										NA	NA	NA	NA											
SR4	2/9/2017	Mid-Ebb	Fine	Moderate	11:05	4	M		3										NA	NA	NA	NA											
SR4	2/9/2017	Mid-Ebb	Fine	Moderate	11:05	4	B	3	1	2	3		0.10	0.13		0.003	0.004		NA	NA	NA	NA	NA		520	572		<0.5	0.50		1	1	
SR4	2/9/2017	Mid-Ebb	Fine	Moderate	11:05	4	B	3	2	4			0.16			0.005			NA	NA	NA	NA			630			<0.5			<1		
SR4	2/9/2017	Mid-Ebb	Fine	Moderate	11:05	4	B	3	3										NA	NA	NA	NA											
SR5	2/9/2017	Mid-Ebb	Fine	Moderate	11:55	10	S	1	1	4	4	5	NA	NA	NA	NA	NA	NA	0.34	0.14	0.79	1.27	1.19	1.09	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	2/9/2017	Mid-Ebb	Fine	Moderate	11:55	10	S	1	2	3			NA			NA			0.16	0.15	0.82	1.13			NA			NA			NA		
SR5	2/9/2017	Mid-Ebb	Fine	Moderate	11:55	10	S	1	3										0.21	0.15	0.82	1.18											
SR5	2/9/2017	Mid-Ebb	Fine	Moderate	11:55	10	M	6	1	3			NA			NA			0.04	0.15	0.80	0.99			NA			NA			NA		
SR5	2/9/2017	Mid-Ebb	Fine	Moderate	11:55	10	M	6	2	4			NA			NA			0.07	0.15	0.82	1.04			NA			NA			NA		
SR5	2/9/2017	Mid-Ebb	Fine	Moderate	11:55	10	M	6	3										0.07	0.15	0.81	1.03											
SR5	2/9/2017	Mid-Ebb	Fine	Moderate	11:55	10	B	9	1	7	7		NA	NA		NA	NA		0.11	0.15	0.82	1.08	1.07		NA	NA		NA	NA		NA	NA	
SR5	2/9/2017	Mid-Ebb	Fine	Moderate	11:55	10	B	9	2	6			NA			NA			0.11	0.15	0.82	1.08			NA			NA			NA		
SR5	2/9/2017	Mid-Ebb	Fine	Moderate	11:55	10	B	9	3										0.10	0.15	0.80	1.05											
SR12	2/9/2017	Mid-Ebb	Fine	Moderate	10:54	12	S	1	1	7	7	7	0.22	0.22	0.20	0.008	0.008	0.007	NA	NA	NA	NA	NA	NA	160	139	191	<0.5	0.50	0.50	<1	1	1
SR12	2/9/2017	Mid-Ebb	Fine	Moderate	10:54	12	S	1	2	6			0.22			0.008			NA	NA	NA	NA			120			<0.5			<1		
SR12	2/9/2017	Mid-Ebb	Fine	Moderate	10:54	12	S	1	3										NA	NA	NA	NA											
SR12	2/9/2017	Mid-Ebb	Fine	Moderate	10:54	12	M	6	1	8	8		0.17	0.14		0.006	0.005		NA	NA	NA	NA	NA		270	275		<0.5	0.50		<1	1	
SR12	2/9/2017	Mid-Ebb	Fine	Moderate	10:54	12	M	6	2	8			0.10			0.003			NA	NA	NA	NA			280			<0.5			<1		
SR12	2/9/2017	Mid-Ebb	Fine	Moderate	10:54	12	M	6	3										NA	NA	NA	NA											
SR12	2/9/2017	Mid-Ebb	Fine	Moderate	10:54	12	B	11	1	7	7		0.24	0.23		0.008	0.008		NA	NA	NA	NA	NA		160	183		<0.5	0.50		<1	1	
SR12	2/9/2017	Mid-Ebb	Fine	Moderate	10:54	12	B	11	2	7			0.22			0.007			NA	NA	NA	NA			210			<0.5			<1		
SR12	2/9/2017	Mid-Ebb	Fine	Moderate	10:54	12	B	11	3										NA	NA	NA	NA											
SR13	2/9/2017	Mid-Ebb	Fine	Moderate	10:44	13	S	1	1	7	8	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	2/9/2017	Mid-Ebb	Fine	Moderate	10:44	13	S	1	2	8			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	2/9/2017	Mid-Ebb	Fine	Moderate	10:44	13	S	1	3										NA	NA	NA	NA											
SR13	2/9/2017	Mid-Ebb	Fine	Moderate	10:44	13	M	7	1	6	6		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	2/9/2017	Mid-Ebb	Fine	Moderate	10:44	13	M	7	2	6			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	2/9/2017	Mid-Ebb	Fine	Moderate	10:44	13	M	7	3										NA	NA	NA	NA											
SR13	2/9/2017	Mid-Ebb	Fine	Moderate	10:44	13	B	12	1	8	8		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	2/9/2017	Mid-Ebb	Fine	Moderate	10:44	13	B	12	2	8			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	2/9/2017	Mid-Ebb	Fine	Moderate	10:44	13	B	12	3										NA	NA	NA	NA											

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
C1A	5/9/2017	Mid-Flood	Fine	Moderate	15:20	28	S	1	1	7.70	7.70	20.66	20.66	27.78	27.79	82.3	82.4	5.78	5.79	5.75	12.5	12.5	12.9	0.02	0.02	0.04	0.001	0.001	0.001	0.02	0.19	0.86	1.07	1.07	1.09
C1A	5/9/2017	Mid-Flood	Fine	Moderate	15:20	28	S	1	2	7.70		20.66		27.79		82.4		5.79			12.5			0.02			0.001			0.02	0.20	0.85	1.07		
C1A	5/9/2017	Mid-Flood	Fine	Moderate	15:20	28	S	1	3																					0.02	0.19	0.86	1.07		
C1A	5/9/2017	Mid-Flood	Fine	Moderate	15:20	28	M	14	1	7.72	7.72	20.38	20.38	27.71	27.72	81.3	81.4	5.72	5.72		13.2	13.2		0.05	0.05		0.002	0.002		0.05	0.18	0.87	1.10	1.10	
C1A	5/9/2017	Mid-Flood	Fine	Moderate	15:20	28	M	14	2	7.72		20.38		27.72		81.4		5.72			13.2			0.05			0.002			0.05	0.18	0.87	1.10		
C1A	5/9/2017	Mid-Flood	Fine	Moderate	15:20	28	M	14	3																					0.05	0.17	0.89	1.11		
C1A	5/9/2017	Mid-Flood	Fine	Moderate	15:20	28	B	27	1	7.71	7.71	21.39	21.40	27.50	27.49	78.7	78.7	5.50	5.51		13.0	13.0		0.05	0.05		0.001	0.001		0.05	0.20	0.85	1.10	1.10	
C1A	5/9/2017	Mid-Flood	Fine	Moderate	15:20	28	B	27	2	7.71		21.40		27.49		78.7		5.51			13.0			0.05			0.001			0.05	0.18	0.87	1.10		
C1A	5/9/2017	Mid-Flood	Fine	Moderate	15:20	28	B	27	3																					0.05	0.19	0.87	1.11		
C2A	5/9/2017	Mid-Flood	Fine	Moderate	17:14	13	S	1	1	7.79	7.79	26.63	26.63	27.15	27.15	73.3	73.4	5.02	5.02	5.02	7.5	7.5	7.0	0.20	0.20	0.18	0.007	0.007	0.006	0.20	0.09	0.48	0.77	0.77	0.76
C2A	5/9/2017	Mid-Flood	Fine	Moderate	17:14	13	S	1	2	7.79		26.63		27.15		73.4		5.02			7.5			0.20			0.007			0.20	0.08	0.49	0.77		
C2A	5/9/2017	Mid-Flood	Fine	Moderate	17:14	13	S	1	3																					0.20	0.09	0.48	0.77		
C2A	5/9/2017	Mid-Flood	Fine	Moderate	17:14	13	M	6.5	1	7.79	7.79	27.74	27.74	26.83	26.83	73.3	73.3	5.01	5.01		7.3	7.3		0.15	0.15		0.005	0.005		0.15	0.09	0.49	0.73	0.73	
C2A	5/9/2017	Mid-Flood	Fine	Moderate	17:14	13	M	6.5	2	7.79		27.73		26.83		73.3		5.01			7.3			0.15			0.005			0.15	0.08	0.50	0.73		
C2A	5/9/2017	Mid-Flood	Fine	Moderate	17:14	13	M	6.5	3																					0.15	0.09	0.49	0.73		
C2A	5/9/2017	Mid-Flood	Fine	Moderate	17:14	13	B	12	1	7.79	7.79	28.25	28.26	26.80	26.80	72.3	72.4	4.94	4.94		6.3	6.3		0.20	0.20		0.006	0.006		0.20	0.08	0.48	0.76	0.77	
C2A	5/9/2017	Mid-Flood	Fine	Moderate	17:14	13	B	12	2	7.79		28.26		26.80		72.5		4.94			6.3			0.20			0.006			0.20	0.08	0.49	0.77		
C2A	5/9/2017	Mid-Flood	Fine	Moderate	17:14	13	B	12	3																					0.20	0.08	0.49	0.77		
G2	5/9/2017	Mid-Flood	Fine	Moderate	16:00	12	S	1	1	7.70	7.70	22.12	22.12	27.54	27.54	81.3	81.3	5.67	5.67	5.65	12.0	12.0	12.2	NA	NA	NA	NA	NA	NA	0.01	0.19	0.80	1.00	1.01	0.99
G2	5/9/2017	Mid-Flood	Fine	Moderate	16:00	12	S	1	2	7.70		22.12		27.54		81.2		5.66			12.0			NA			NA			0.01	0.19	0.82	1.02		
G2	5/9/2017	Mid-Flood	Fine	Moderate	16:00	12	S	1	3																					0.01	0.19	0.82	1.02		
G2	5/9/2017	Mid-Flood	Fine	Moderate	16:00	12	M	6	1	7.72	7.72	22.35	22.33	27.52	27.52	80.9	80.9	5.64	5.64		12.1	12.1		NA	NA		NA	NA		0.01	0.18	0.80	0.99	0.98	
G2	5/9/2017	Mid-Flood	Fine	Moderate	16:00	12	M	6	2	7.72		22.33		27.52		80.9		5.64			12.1			NA			NA			0.01	0.19	0.79	0.99		
G2	5/9/2017	Mid-Flood	Fine	Moderate	16:00	12	M	6	3																					0.01	0.18	0.78	0.97		
G2	5/9/2017	Mid-Flood	Fine	Moderate	16:00	12	B	11	1	7.72	7.72	22.44	22.51	27.51	27.49	80.5	80.6	5.61	5.61		12.5	12.6		NA	NA		NA	NA		0.01	0.18	0.79	0.98	0.98	
G2	5/9/2017	Mid-Flood	Fine	Moderate	16:00	12	B	11	2	7.72		22.51		27.49		80.6		5.61			12.6			NA			NA			0.01	0.19	0.78	0.98		
G2	5/9/2017	Mid-Flood	Fine	Moderate	16:00	12	B	11	3																					0.01	0.19	0.79	0.99		
SR2	5/9/2017	Mid-Flood	Fine	Moderate	15:48	9	S	1	1	7.71	7.71	22.69	22.69	27.60	27.60	81.7	81.8	5.68	5.68	5.65	11.7	11.7	12.4	0.03	0.03	0.03	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA
SR2	5/9/2017	Mid-Flood	Fine	Moderate	15:48	9	S	1	2	7.71		22.69		27.60		81.8		5.68			11.7			0.03			0.001			NA	NA	NA	NA		
SR2	5/9/2017	Mid-Flood	Fine	Moderate	15:48	9	S	1	3																					NA	NA	NA	NA		
SR2	5/9/2017	Mid-Flood	Fine	Moderate	15:48	9	M	4.5	1	7.72	7.72	22.76	22.76	27.54	27.54	80.9	80.9	5.62	5.63		12.4	12.4		0.03	0.03		0.001	0.001		NA	NA	NA	NA	NA	NA
SR2	5/9/2017	Mid-Flood	Fine	Moderate	15:48	9	M	4.5	2	7.72		22.76		27.54		80.9		5.63			12.4			0.03			0.001			NA	NA	NA	NA		
SR2	5/9/2017	Mid-Flood	Fine	Moderate	15:48	9	M	4.5	3																					NA	NA	NA	NA		
SR2	5/9/2017	Mid-Flood	Fine	Moderate	15:48	9	B	8	1	7.73	7.73	23.04	23.02	27.50	27.50	80.5	80.5	5.59	5.58		13.2	13.2		0.03	0.03		0.001	0.001		NA	NA	NA	NA	NA	
SR2	5/9/2017	Mid-Flood	Fine	Moderate	15:48	9	B	8	2	7.73		23.02		27.50		80.4		5.58			13.2			0.03			0.001			NA	NA	NA	NA		
SR2	5/9/2017	Mid-Flood	Fine	Moderate	15:48	9	B	8	3																					NA	NA	NA	NA		
SR3	5/9/2017	Mid-Flood	Fine	Moderate	16:13	8	S	1	1	7.72	7.72	22.78	22.78	27.55	27.55	82.0	82.0	5.70	5.70	5.67	11.5	11.5	11.9	0.03	0.04	0.05	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA
SR3	5/9/2017	Mid-Flood	Fine	Moderate	16:13	8	S	1	2	7.72		22.78		27.55		82.0		5.69			11.5			0.04			0.001			NA	NA	NA	NA		
SR3	5/9/2017	Mid-Flood	Fine	Moderate	16:13	8	S	1	3																					NA	NA	NA	NA		
SR3	5/9/2017	Mid-Flood	Fine	Moderate	16:13	8	M	4	1	7.72	7.72	22.82	22.81	27.50	27.50	81.3	81.3	5.65	5.65		11.8	11.8		0.05	0.06		0.001	0.002		NA	NA	NA	NA	NA	
SR3	5/9/2017	Mid-Flood	Fine	Moderate	16:13	8	M	4	2	7.72		22.80		27.50		81.3		5.65			11.8			0.06			0.002			NA	NA	NA	NA		
SR3	5/9/2017	Mid-Flood	Fine	Moderate	16:13	8	M	4	3																					NA	NA	NA	NA		
SR3	5/9/2017	Mid-Flood	Fine	Moderate	16:13	8	B	7	1	7.70	7.70	23.59	23.60	27.36	27.36	79.6	79.7	5.53	5.53		12.1	12.3		0.06	0.06		0.002	0.002		NA	NA	NA	NA	NA	
SR3	5/9/2017	Mid-Flood	Fine	Moderate	16:13	8	B	7	2	7.70		23.60		27.36		79.7		5.53			12.4			0.06			0.002			NA	NA	NA	NA		
SR3	5/9/2017	Mid-Flood	Fine	Moderate	16:13	8	B	7	3																					NA	NA	NA	NA		

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																									
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR4	5/9/2017	Mid-Flood	Fine	Moderate	16:28	4	S	1	1	7.30	7.30	22.21	22.21	27.67	27.67	81.8	81.8	5.68	5.68	5.68	11.5	11.5	12.1	0.05	0.05	0.06	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA
SR4	5/9/2017	Mid-Flood	Fine	Moderate	16:28	4	S	1	2	7.30		22.21		27.66		81.7		5.68			11.5			0.05			0.001			NA	NA	NA	NA		
SR4	5/9/2017	Mid-Flood	Fine	Moderate	16:28	4	S	1	3																					NA	NA	NA	NA		
SR4	5/9/2017	Mid-Flood	Fine	Moderate	16:28	4	M		1																					NA	NA	NA	NA		
SR4	5/9/2017	Mid-Flood	Fine	Moderate	16:28	4	M		2		NA		NA		NA		NA		NA			NA			NA			NA		NA	NA	NA	NA	NA	NA
SR4	5/9/2017	Mid-Flood	Fine	Moderate	16:28	4	M		3																					NA	NA	NA	NA		
SR4	5/9/2017	Mid-Flood	Fine	Moderate	16:28	4	B	3	1	7.59	7.60	22.86	22.87	27.54	27.55	80.7	80.7	5.61	5.61		12.7	12.7		0.07	0.08		0.002	0.002		NA	NA	NA	NA	NA	
SR4	5/9/2017	Mid-Flood	Fine	Moderate	16:28	4	B	3	2	7.60		22.87		27.55		80.7		5.61			12.7			0.08			0.002			NA	NA	NA	NA		
SR4	5/9/2017	Mid-Flood	Fine	Moderate	16:28	4	B	3	3																					NA	NA	NA	NA		
SR5	5/9/2017	Mid-Flood	Fine	Moderate	15:34	11	S	1	1	7.71	7.71	20.61	20.60	27.71	27.71	81.3	81.4	5.71	5.71	5.67	12.6	12.6	12.5	NA	NA	NA	NA	NA	NA	0.01	0.20	0.87	1.08	1.08	1.07
SR5	5/9/2017	Mid-Flood	Fine	Moderate	15:34	11	S	1	2	7.71		20.59		27.71		81.4		5.71			12.6			NA			NA			0.01	0.22	0.85	1.08		
SR5	5/9/2017	Mid-Flood	Fine	Moderate	15:34	11	S	1	3																					0.01	0.22	0.85	1.08		
SR5	5/9/2017	Mid-Flood	Fine	Moderate	15:34	11	M	5.5	1	7.71	7.71	21.00	21.00	27.58	27.58	80.2	80.2	5.63	5.63		12.6	12.5		NA	NA		NA	NA		0.01	0.22	0.85	1.08	1.07	
SR5	5/9/2017	Mid-Flood	Fine	Moderate	15:34	11	M	5.5	2	7.71		20.99		27.58		80.2		5.63			12.4			NA			NA			0.01	0.22	0.83	1.06		
SR5	5/9/2017	Mid-Flood	Fine	Moderate	15:34	11	M	5.5	3																					0.01	0.21	0.85	1.07		
SR5	5/9/2017	Mid-Flood	Fine	Moderate	15:34	11	B	10	1	7.70	7.70	21.25	21.25	27.54	27.54	79.7	79.7	5.58	5.58		12.3	12.3		NA	NA		NA	NA		0.01	0.21	0.85	1.07	1.07	
SR5	5/9/2017	Mid-Flood	Fine	Moderate	15:34	11	B	10	2	7.70		21.25		27.54		79.7		5.58			12.3			NA			NA			0.01	0.21	0.85	1.07		
SR5	5/9/2017	Mid-Flood	Fine	Moderate	15:34	11	B	10	3																					0.01	0.22	0.85	1.08		
SR12	5/9/2017	Mid-Flood	Fine	Moderate	16:46	15	S	1	1	7.50	7.50	23.91	23.92	27.46	27.46	79.5	79.6	5.51	5.51	5.49	11.9	11.9	12.7	0.03	0.03	0.04	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA
SR12	5/9/2017	Mid-Flood	Fine	Moderate	16:46	15	S	1	2	7.50		23.93		27.46		79.6		5.51			11.9			0.03			0.001			NA	NA	NA	NA		
SR12	5/9/2017	Mid-Flood	Fine	Moderate	16:46	15	S	1	3																					NA	NA	NA	NA		
SR12	5/9/2017	Mid-Flood	Fine	Moderate	16:46	15	M	7.5	1	7.66	7.66	24.02	24.03	27.39	27.39	79.0	78.9	5.46	5.46		12.9	12.9		0.04	0.04		0.001	0.001		NA	NA	NA	NA	NA	NA
SR12	5/9/2017	Mid-Flood	Fine	Moderate	16:46	15	M	7.5	2	7.66		24.04		27.39		78.8		5.46			12.9			0.04			0.001			NA	NA	NA	NA		
SR12	5/9/2017	Mid-Flood	Fine	Moderate	16:46	15	M	7.5	3																					NA	NA	NA	NA		
SR12	5/9/2017	Mid-Flood	Fine	Moderate	16:46	15	B	14	1	7.73	7.73	24.53	24.55	27.31	27.31	77.7	77.6	5.36	5.36		13.3	13.3		0.04	0.04		0.001	0.001		NA	NA	NA	NA	NA	
SR12	5/9/2017	Mid-Flood	Fine	Moderate	16:46	15	B	14	2	7.73		24.56		27.31		77.5		5.35			13.3			0.04			0.001			NA	NA	NA	NA		
SR12	5/9/2017	Mid-Flood	Fine	Moderate	16:46	15	B	14	3																					NA	NA	NA	NA		
SR13	5/9/2017	Mid-Flood	Fine	Moderate	17:00	14	S	1	1	6.89	6.89	26.47	26.48	27.13	27.13	73.7	73.7	5.05	5.05	5.01	10.0	10.5	11.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	5/9/2017	Mid-Flood	Fine	Moderate	17:00	14	S	1	2	6.89		26.49		27.12		73.6		5.04			11.0			NA			NA			NA	NA	NA	NA		
SR13	5/9/2017	Mid-Flood	Fine	Moderate	17:00	14	S	1	3																					NA	NA	NA	NA		
SR13	5/9/2017	Mid-Flood	Fine	Moderate	17:00	14	M	7	1	7.70	7.71	27.02	27.02	27.04	27.04	72.7	72.7	4.97	4.97		11.2	11.2		NA	NA		NA	NA		NA	NA	NA	NA	NA	NA
SR13	5/9/2017	Mid-Flood	Fine	Moderate	17:00	14	M	7	2	7.71		27.02		27.04		72.7		4.97			11.2			NA			NA			NA	NA	NA	NA		
SR13	5/9/2017	Mid-Flood	Fine	Moderate	17:00	14	M	7	3																					NA	NA	NA	NA		
SR13	5/9/2017	Mid-Flood	Fine	Moderate	17:00	14	B	13	1	7.75	7.76	27.38	27.39	26.99	26.99	71.7	71.7	4.90	4.90		11.3	11.3		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	5/9/2017	Mid-Flood	Fine	Moderate	17:00	14	B	13	2	7.76		27.39		26.99		71.7		4.90			11.3			NA			NA			NA	NA	NA	NA		
SR13	5/9/2017	Mid-Flood	Fine	Moderate	17:00	14	B	13	3																					NA	NA	NA	NA		

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
C1A	5/9/2017	Mid-Flood	Fine	Moderate	15:20	28	S	1	1	9	8	9	0.03	0.03	0.04	0.001	0.001	0.001	0.03	0.19	0.86	1.08	1.08	1.10	35	40	28	NA	NA	NA	1	1	1
C1A	5/9/2017	Mid-Flood	Fine	Moderate	15:20	28	S	1	2	7			0.02			0.001			0.02	0.20	0.85	1.07			46			NA			<1		
C1A	5/9/2017	Mid-Flood	Fine	Moderate	15:20	28	S	1	3										0.03	0.19	0.86	1.08											
C1A	5/9/2017	Mid-Flood	Fine	Moderate	15:20	28	M	14	1	11	10		0.04	0.05		0.001	0.001		0.04	0.18	0.87	1.09	1.10		23	25		NA	NA		1	1	
C1A	5/9/2017	Mid-Flood	Fine	Moderate	15:20	28	M	14	2	9			0.05			0.002	0.001		0.05	0.18	0.87	1.10			28			NA			1		
C1A	5/9/2017	Mid-Flood	Fine	Moderate	15:20	28	M	14	3										0.05	0.17	0.89	1.11											
C1A	5/9/2017	Mid-Flood	Fine	Moderate	15:20	28	B	27	1	10	10		0.06	0.06		0.002	0.002		0.06	0.20	0.85	1.11	1.11		19	21		NA	NA		<1	1	
C1A	5/9/2017	Mid-Flood	Fine	Moderate	15:20	28	B	27	2	10			0.06			0.002			0.06	0.18	0.87	1.11			23			NA			<1		
C1A	5/9/2017	Mid-Flood	Fine	Moderate	15:20	28	B	27	3										0.05	0.19	0.87	1.11											
C2A	5/9/2017	Mid-Flood	Fine	Moderate	17:14	13	S	1	1	4	5	7	0.12	0.22	0.20	0.004	0.007	0.006	0.12	0.09	0.48	0.69	0.77	0.77	15	13	45	NA	NA	NA	<1	1	1
C2A	5/9/2017	Mid-Flood	Fine	Moderate	17:14	13	S	1	2	6			0.31			0.010			0.31	0.08	0.49	0.88			12			NA			<1		
C2A	5/9/2017	Mid-Flood	Fine	Moderate	17:14	13	S	1	3										0.17	0.09	0.48	0.74											
C2A	5/9/2017	Mid-Flood	Fine	Moderate	17:14	13	M	6.5	1	6	6		0.15	0.15		0.005	0.005		0.15	0.09	0.49	0.73	0.72		21	19		NA	NA		<1	1	
C2A	5/9/2017	Mid-Flood	Fine	Moderate	17:14	13	M	6.5	2	6			0.15			0.005			0.15	0.08	0.50	0.73			17			NA			<1		
C2A	5/9/2017	Mid-Flood	Fine	Moderate	17:14	13	M	6.5	3										0.13	0.09	0.49	0.71											
C2A	5/9/2017	Mid-Flood	Fine	Moderate	17:14	13	B	12	1	12	11		0.21	0.24		0.007	0.008		0.21	0.08	0.48	0.77	0.82		320	353		NA	NA		<1	1	
C2A	5/9/2017	Mid-Flood	Fine	Moderate	17:14	13	B	12	2	10			0.27			0.009			0.27	0.08	0.49	0.84			390			NA			<1		
C2A	5/9/2017	Mid-Flood	Fine	Moderate	17:14	13	B	12	3										0.27	0.08	0.49	0.84											
G2	5/9/2017	Mid-Flood	Fine	Moderate	16:00	12	S	1	1	9	9	10	NA	NA	NA	NA	NA	NA	0.01	0.19	0.80	1.00	1.01	1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	5/9/2017	Mid-Flood	Fine	Moderate	16:00	12	S	1	2	8			NA			NA			<0.01	0.19	0.82	1.01			NA			NA			NA		
G2	5/9/2017	Mid-Flood	Fine	Moderate	16:00	12	S	1	3										0.01	0.19	0.82	1.02											
G2	5/9/2017	Mid-Flood	Fine	Moderate	16:00	12	M	6	1	10	11		NA	NA		NA	NA		0.02	0.18	0.80	1.00	0.99		NA	NA		NA	NA		NA	NA	NA
G2	5/9/2017	Mid-Flood	Fine	Moderate	16:00	12	M	6	2	11			NA			NA			0.02	0.19	0.79	1.00			NA			NA			NA		
G2	5/9/2017	Mid-Flood	Fine	Moderate	16:00	12	M	6	3										0.01	0.18	0.78	0.97											
G2	5/9/2017	Mid-Flood	Fine	Moderate	16:00	12	B	11	1	9	10		NA	NA		NA	NA		0.02	0.18	0.79	0.99	0.99		NA	NA		NA	NA		NA	NA	
G2	5/9/2017	Mid-Flood	Fine	Moderate	16:00	12	B	11	2	10			NA			NA			0.02	0.19	0.78	0.99			NA			NA			NA		
G2	5/9/2017	Mid-Flood	Fine	Moderate	16:00	12	B	11	3										0.02	0.19	0.79	1.00											
SR2	5/9/2017	Mid-Flood	Fine	Moderate	15:48	9	S	1	1	8	8	8	0.03	0.03	0.03	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	5/9/2017	Mid-Flood	Fine	Moderate	15:48	9	S	1	2	8			0.03			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	5/9/2017	Mid-Flood	Fine	Moderate	15:48	9	S	1	3										NA	NA	NA	NA											
SR2	5/9/2017	Mid-Flood	Fine	Moderate	15:48	9	M	4.5	1	6	6		0.03	0.03		0.001	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	5/9/2017	Mid-Flood	Fine	Moderate	15:48	9	M	4.5	2	6			0.03			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	5/9/2017	Mid-Flood	Fine	Moderate	15:48	9	M	4.5	3										NA	NA	NA	NA											
SR2	5/9/2017	Mid-Flood	Fine	Moderate	15:48	9	B	8	1	10	9		0.03	0.03		0.001	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	5/9/2017	Mid-Flood	Fine	Moderate	15:48	9	B	8	2	8			0.03			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	5/9/2017	Mid-Flood	Fine	Moderate	15:48	9	B	8	3										NA	NA	NA	NA											
SR3	5/9/2017	Mid-Flood	Fine	Moderate	16:13	8	S	1	1	7	8	9	0.03	0.04	0.05	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	5/9/2017	Mid-Flood	Fine	Moderate	16:13	8	S	1	2	9			0.04			0.001			NA	NA	NA	NA			NA			NA			NA		
SR3	5/9/2017	Mid-Flood	Fine	Moderate	16:13	8	S	1	3										NA	NA	NA	NA											
SR3	5/9/2017	Mid-Flood	Fine	Moderate	16:13	8	M	4	1	10	10		0.04	0.05		0.001	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	5/9/2017	Mid-Flood	Fine	Moderate	16:13	8	M	4	2	9			0.06			0.002			NA	NA	NA	NA			NA			NA			NA		
SR3	5/9/2017	Mid-Flood	Fine	Moderate	16:13	8	M	4	3										NA	NA	NA	NA											
SR3	5/9/2017	Mid-Flood	Fine	Moderate	16:13	8	B	7	1	9	9		0.06	0.06		0.002	0.002		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	5/9/2017	Mid-Flood	Fine	Moderate	16:13	8	B	7	2	8			0.06			0.002			NA	NA	NA	NA			NA			NA			NA		
SR3	5/9/2017	Mid-Flood	Fine	Moderate	16:13	8	B	7	3										NA	NA	NA	NA											

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
SR4	5/9/2017	Mid-Flood	Fine	Moderate	16:28	4	S	1	1	7	7	8	0.05	0.05	0.06	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA	45	53	40	NA	NA	NA	<1	1	1
SR4	5/9/2017	Mid-Flood	Fine	Moderate	16:28	4	S	1	2	6			0.04			0.000			NA	NA	NA	NA			62			NA			<1		
SR4	5/9/2017	Mid-Flood	Fine	Moderate	16:28	4	S	1	3										NA	NA	NA	NA											
SR4	5/9/2017	Mid-Flood	Fine	Moderate	16:28	4	M		1		NA			NA			NA		NA	NA	NA	NA	NA			NA		NA	NA				
SR4	5/9/2017	Mid-Flood	Fine	Moderate	16:28	4	M		2										NA	NA	NA	NA											
SR4	5/9/2017	Mid-Flood	Fine	Moderate	16:28	4	M		3										NA	NA	NA	NA											
SR4	5/9/2017	Mid-Flood	Fine	Moderate	16:28	4	B	3	1	8	9		0.07	0.08		0.002	0.002		NA	NA	NA	NA	NA		33	30		NA	NA		<1	1	
SR4	5/9/2017	Mid-Flood	Fine	Moderate	16:28	4	B	3	2	10			0.08			0.002			NA	NA	NA	NA			28			NA			<1		
SR4	5/9/2017	Mid-Flood	Fine	Moderate	16:28	4	B	3	3										NA	NA	NA	NA											
SR5	5/9/2017	Mid-Flood	Fine	Moderate	15:34	11	S	1	1	10	10	10	NA	NA	NA	NA	NA	NA	0.01	0.20	0.87	1.08	1.07	1.07	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	5/9/2017	Mid-Flood	Fine	Moderate	15:34	11	S	1	2	10			NA			NA			<0.01	0.22	0.85	1.07			NA			NA			NA		
SR5	5/9/2017	Mid-Flood	Fine	Moderate	15:34	11	S	1	3										<0.01	0.22	0.85	1.07											
SR5	5/9/2017	Mid-Flood	Fine	Moderate	15:34	11	M	5.5	1	9			NA			NA			<0.01	0.22	0.85	1.07			NA			NA			NA		
SR5	5/9/2017	Mid-Flood	Fine	Moderate	15:34	11	M	5.5	2	10			NA			NA			<0.01	0.22	0.83	1.05			NA			NA			NA		
SR5	5/9/2017	Mid-Flood	Fine	Moderate	15:34	11	M	5.5	3										0.01	0.21	0.85	1.07											
SR5	5/9/2017	Mid-Flood	Fine	Moderate	15:34	11	B	10	1	11	12		NA			NA			<0.01	0.21	0.85	1.06			NA			NA			NA		
SR5	5/9/2017	Mid-Flood	Fine	Moderate	15:34	11	B	10	2	12			NA			NA			<0.01	0.21	0.85	1.06			NA			NA			NA		
SR5	5/9/2017	Mid-Flood	Fine	Moderate	15:34	11	B	10	3										<0.01	0.22	0.85	1.07											
SR12	5/9/2017	Mid-Flood	Fine	Moderate	16:46	15	S	1	1	9	9	11	0.03	0.03	0.04	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA	420	449	315	NA	NA	NA	<1	1	1
SR12	5/9/2017	Mid-Flood	Fine	Moderate	16:46	15	S	1	2	8			0.03			0.001			NA	NA	NA	NA			480			NA			<1		
SR12	5/9/2017	Mid-Flood	Fine	Moderate	16:46	15	S	1	3										NA	NA	NA	NA											
SR12	5/9/2017	Mid-Flood	Fine	Moderate	16:46	15	M	7.5	1	12	12		0.04	0.04		0.001	0.001		NA	NA	NA	NA	NA		160	174		NA	NA		<1	1	
SR12	5/9/2017	Mid-Flood	Fine	Moderate	16:46	15	M	7.5	2	12			0.04			0.001			NA	NA	NA	NA			190			NA			1		
SR12	5/9/2017	Mid-Flood	Fine	Moderate	16:46	15	M	7.5	3										NA	NA	NA	NA											
SR12	5/9/2017	Mid-Flood	Fine	Moderate	16:46	15	B	14	1	12	13		0.04	0.04		0.001	0.001		NA	NA	NA	NA	NA		430	399		NA	NA		<1	1	
SR12	5/9/2017	Mid-Flood	Fine	Moderate	16:46	15	B	14	2	14			0.04			0.001			NA	NA	NA	NA			370			NA			<1		
SR12	5/9/2017	Mid-Flood	Fine	Moderate	16:46	15	B	14	3										NA	NA	NA	NA											
SR13	5/9/2017	Mid-Flood	Fine	Moderate	17:00	14	S	1	1	10	10	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	5/9/2017	Mid-Flood	Fine	Moderate	17:00	14	S	1	2	10			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	5/9/2017	Mid-Flood	Fine	Moderate	17:00	14	S	1	3										NA	NA	NA	NA											
SR13	5/9/2017	Mid-Flood	Fine	Moderate	17:00	14	M	7	1	10	11		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	5/9/2017	Mid-Flood	Fine	Moderate	17:00	14	M	7	2	11			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	5/9/2017	Mid-Flood	Fine	Moderate	17:00	14	M	7	3										NA	NA	NA	NA											
SR13	5/9/2017	Mid-Flood	Fine	Moderate	17:00	14	B	13	1	9	10		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	5/9/2017	Mid-Flood	Fine	Moderate	17:00	14	B	13	2	10			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	5/9/2017	Mid-Flood	Fine	Moderate	17:00	14	B	13	3										NA	NA	NA	NA											

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
C1A	5/9/2017	Mid-Ebb	Fine	Moderate	13:35	28	S	1	1	7.34		20.12		27.78		82.4		5.79			12.5			0.03			0.000			0.03	0.19	0.86	1.08		
C1A	5/9/2017	Mid-Ebb	Fine	Moderate	13:35	28	S	1	2	7.37	7.36	20.12	20.12	27.78	27.78	82.4	82.4	5.79	5.79		12.5	12.5		0.03	0.03		0.000	0.000		0.03	0.20	0.85	1.08	1.08	
C1A	5/9/2017	Mid-Ebb	Fine	Moderate	13:35	28	S	1	3																					0.03	0.19	0.86	1.08		
C1A	5/9/2017	Mid-Ebb	Fine	Moderate	13:35	28	M	14	1	7.64		20.19		27.75		81.9		5.75			15.4			0.05			0.001			0.05	0.18	0.87	1.10		
C1A	5/9/2017	Mid-Ebb	Fine	Moderate	13:35	28	M	14	2	7.64	7.64	20.19	20.19	27.75	27.75	81.7	81.8	5.74	5.75	5.77	14.1	14.8	13.6	0.05	0.05	0.04	0.001	0.001	0.001	0.05	0.18	0.87	1.10	1.10	1.10
C1A	5/9/2017	Mid-Ebb	Fine	Moderate	13:35	28	M	14	3																					0.05	0.17	0.89	1.11		
C1A	5/9/2017	Mid-Ebb	Fine	Moderate	13:35	28	B	27	1	7.68		20.69		27.58		79.3		5.56			13.7			0.05			0.001			0.05	0.20	0.85	1.10		
C1A	5/9/2017	Mid-Ebb	Fine	Moderate	13:35	28	B	27	2	7.68	7.68	20.69	20.69	27.57	27.58	79.3	79.3	5.56	5.56		13.6	13.7		0.05	0.05		0.001	0.001		0.05	0.18	0.87	1.10	1.10	
C1A	5/9/2017	Mid-Ebb	Fine	Moderate	13:35	28	B	27	3																					0.05	0.19	0.87	1.11		
C2A	5/9/2017	Mid-Ebb	Fine	Moderate	11:20	13	S	1	1	7.59		26.21		27.20		76.4		5.24			3.4			0.20			0.004			0.20	0.09	0.48	0.77		
C2A	5/9/2017	Mid-Ebb	Fine	Moderate	11:20	13	S	1	2	7.60	7.60	26.22	26.22	27.20	27.20	76.3	76.4	5.23	5.24		3.4	3.4		0.20	0.20		0.004	0.004		0.20	0.08	0.49	0.77	0.77	
C2A	5/9/2017	Mid-Ebb	Fine	Moderate	11:20	13	S	1	3																					0.20	0.09	0.48	0.77		
C2A	5/9/2017	Mid-Ebb	Fine	Moderate	11:20	13	M	6.5	1	7.77		27.69		26.83		73.1		5.00			5.8			0.15			0.005			0.15	0.09	0.49	0.73		
C2A	5/9/2017	Mid-Ebb	Fine	Moderate	11:20	13	M	6.5	2	7.77	7.77	27.69	27.69	26.80	26.82	73.2	73.2	5.01	5.01	5.12	5.8	5.8	5.1	0.15	0.15	0.18	0.005	0.005	0.005	0.15	0.08	0.50	0.73	0.73	0.76
C2A	5/9/2017	Mid-Ebb	Fine	Moderate	11:20	13	M	6.5	3																					0.15	0.09	0.49	0.73		
C2A	5/9/2017	Mid-Ebb	Fine	Moderate	11:20	13	B	12	1	7.80		27.96		26.84		72.8		4.97			6.1			0.20			0.006			0.20	0.08	0.48	0.76		
C2A	5/9/2017	Mid-Ebb	Fine	Moderate	11:20	13	B	12	2	7.80	7.80	27.98	27.97	26.83	26.84	72.7	72.8	4.96	4.97		6.1	6.1		0.20	0.20		0.006	0.006		0.20	0.08	0.49	0.77	0.77	
C2A	5/9/2017	Mid-Ebb	Fine	Moderate	11:20	13	B	12	3																					0.20	0.08	0.49	0.77		
G2	5/9/2017	Mid-Ebb	Fine	Moderate	12:44	12	S	1	1	7.55		21.83		27.55		81.1		5.66			12.0			NA			NA			0.01	0.19	0.80	1.00		
G2	5/9/2017	Mid-Ebb	Fine	Moderate	12:44	12	S	1	2	7.56	7.56	21.82	21.83	27.55	27.55	81.0	81.1	5.65	5.66		11.9	12.0		NA	NA		NA	NA		0.01	0.19	0.82	1.02	1.01	
G2	5/9/2017	Mid-Ebb	Fine	Moderate	12:44	12	S	1	3																					0.01	0.19	0.82	1.02		
G2	5/9/2017	Mid-Ebb	Fine	Moderate	12:44	12	M	6	1	7.67		22.25		27.52		80.7		5.62			11.9			NA			NA			0.02	0.18	0.80	1.00		
G2	5/9/2017	Mid-Ebb	Fine	Moderate	12:44	12	M	6	2	7.67	7.67	22.24	22.25	27.52	27.52	80.7	80.7	5.62	5.62	5.64	11.9	11.9	12.2	NA	NA	NA	NA	NA	NA	0.02	0.19	0.79	1.00	0.99	1.00
G2	5/9/2017	Mid-Ebb	Fine	Moderate	12:44	12	M	6	3																					0.02	0.18	0.78	0.98		
G2	5/9/2017	Mid-Ebb	Fine	Moderate	12:44	12	B	11	1	7.69		22.48		27.50		80.7		5.61			12.6			NA			NA			0.02	0.18	0.79	0.99		
G2	5/9/2017	Mid-Ebb	Fine	Moderate	12:44	12	B	11	2	7.70	7.70	22.49	22.49	27.51	27.51	80.6	80.7	5.61	5.61		12.6	12.6		NA	NA		NA	NA		0.02	0.19	0.78	0.99	0.99	
G2	5/9/2017	Mid-Ebb	Fine	Moderate	12:44	12	B	11	3																					0.02	0.19	0.79	1.00		
SR2	5/9/2017	Mid-Ebb	Fine	Moderate	13:02	9	S	1	1	7.69		22.68		27.57		87.3		5.65			12.0			0.03			0.001			NA	NA	NA	NA		
SR2	5/9/2017	Mid-Ebb	Fine	Moderate	13:02	9	S	1	2	7.69	7.69	22.68	22.68	27.57	27.57	87.4	87.4	5.65	5.65		12.1	12.1		0.03	0.03		0.001	0.001		NA	NA	NA	NA	NA	
SR2	5/9/2017	Mid-Ebb	Fine	Moderate	13:02	9	S	1	3																					NA	NA	NA	NA		
SR2	5/9/2017	Mid-Ebb	Fine	Moderate	13:02	9	M	4.5	1	7.70		22.75		27.54		81.0		5.63			12.1			0.03			0.001			NA	NA	NA	NA		
SR2	5/9/2017	Mid-Ebb	Fine	Moderate	13:02	9	M	4.5	2	7.70	7.70	22.76	22.76	27.53	27.54	80.9	81.0	5.62	5.63	5.64	12.1	12.1	12.3	0.03	0.03	0.03	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA
SR2	5/9/2017	Mid-Ebb	Fine	Moderate	13:02	9	M	4.5	3																					NA	NA	NA	NA		
SR2	5/9/2017	Mid-Ebb	Fine	Moderate	13:02	9	B	8	1	7.71		22.96		27.51		80.6		5.60			12.7			0.03			0.001			NA	NA	NA	NA		
SR2	5/9/2017	Mid-Ebb	Fine	Moderate	13:02	9	B	8	2	7.71	7.71	22.98	22.97	27.51	27.51	80.5	80.6	5.59	5.60		12.7	12.7		0.03	0.03		0.001	0.001		NA	NA	NA	NA	NA	
SR2	5/9/2017	Mid-Ebb	Fine	Moderate	13:02	9	B	8	3																					NA	NA	NA	NA		
SR3	5/9/2017	Mid-Ebb	Fine	Moderate	12:28	8	S	1	1	6.68		22.71		27.52		81.6		5.68			11.8			0.05			0.000			NA	NA	NA	NA		
SR3	5/9/2017	Mid-Ebb	Fine	Moderate	12:28	8	S	1	2	6.69	6.69	22.72	22.72	27.52	27.52	81.6	81.6	5.69	5.69		11.8	11.8		0.05	0.05		0.000	0.000		NA	NA	NA	NA	NA	
SR3	5/9/2017	Mid-Ebb	Fine	Moderate	12:28	8	S	1	3																					NA	NA	NA	NA		
SR3	5/9/2017	Mid-Ebb	Fine	Moderate	12:28	8	M	4	1	7.52		22.97		27.45		81.0		5.63			11.6			0.05			0.001			NA	NA	NA	NA		
SR3	5/9/2017	Mid-Ebb	Fine	Moderate	12:28	8	M	4	2	7.52	7.52	22.96	22.97	27.45	27.45	80.9	81.0	5.62	5.63	5.66	11.6	11.6	11.8	0.05	0.05	0.05	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA
SR3	5/9/2017	Mid-Ebb	Fine	Moderate	12:28	8	M	4	3																					NA	NA	NA	NA		
SR3	5/9/2017	Mid-Ebb	Fine	Moderate	12:28	8	B	7	1	7.64		23.43		27.39		80.0		5.56			11.8			0.06			0.001			NA	NA	NA	NA		
SR3	5/9/2017	Mid-Ebb	Fine	Moderate	12:28	8	B	7	2	7.64	7.64	23.43	23.43	27.39	27.39	80.0	80.0	5.55	5.56		11.9	11.9		0.06	0.06		0.001	0.001		NA	NA	NA	NA	NA	
SR3	5/9/2017	Mid-Ebb	Fine	Moderate	12:28	8	B	7	3																					NA	NA	NA	NA		

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR4	5/9/2017	Mid-Ebb	Fine	Moderate	12:11	4	S	1	1	7.64	7.65	25.92	25.93	27.04	27.04	76.8	76.8	5.29	5.29	5.29	10.6	10.7	10.8	0.05	0.05	0.06	0.001	0.001	0.002	NA	NA	NA	NA	NA	NA
SR4	5/9/2017	Mid-Ebb	Fine	Moderate	12:11	4	S	1	2	7.65		25.93		27.04		76.8		5.29			10.8			0.04			0.001			NA	NA	NA	NA		
SR4	5/9/2017	Mid-Ebb	Fine	Moderate	12:11	4	S	1	3																					NA	NA	NA	NA		
SR4	5/9/2017	Mid-Ebb	Fine	Moderate	12:11	4	M		1																										
SR4	5/9/2017	Mid-Ebb	Fine	Moderate	12:11	4	M		2		NA		NA		NA		NA		NA			NA			NA			NA			NA	NA	NA	NA	NA
SR4	5/9/2017	Mid-Ebb	Fine	Moderate	12:11	4	M		3																					NA	NA	NA	NA		
SR4	5/9/2017	Mid-Ebb	Fine	Moderate	12:11	4	B	3	1	7.71	7.72	26.01	26.02	27.03	27.03	76.9	76.9	5.29	5.30		10.9	10.9		0.07	0.08		0.002	0.002		NA	NA	NA	NA	NA	NA
SR4	5/9/2017	Mid-Ebb	Fine	Moderate	12:11	4	B	3	2	7.72		26.02		27.03		76.9		5.30			10.9			0.08			0.002			NA	NA	NA	NA		
SR4	5/9/2017	Mid-Ebb	Fine	Moderate	12:11	4	B	3	3																					NA	NA	NA	NA		
SR5	5/9/2017	Mid-Ebb	Fine	Moderate	13:19	11	S	1	1	6.81	6.81	20.24	20.24	27.81	27.81	81.9	81.9	5.74	5.74	5.68	12.3	12.3	12.3	NA	NA	NA	NA	NA	NA	0.01	0.20	0.87	1.08	1.08	1.07
SR5	5/9/2017	Mid-Ebb	Fine	Moderate	13:19	11	S	1	2	6.80		20.24		27.81		81.8		5.74			12.3			NA			NA			0.01	0.22	0.85	1.08		
SR5	5/9/2017	Mid-Ebb	Fine	Moderate	13:19	11	S	1	3																					0.01	0.22	0.85	1.08		
SR5	5/9/2017	Mid-Ebb	Fine	Moderate	13:19	11	M	5.5	1	7.47	7.47	20.97	20.97	27.57	27.57	80.2	80.2	5.62	5.62		12.5	12.5		NA	NA		NA	NA		0.01	0.22	0.85	1.08	1.07	
SR5	5/9/2017	Mid-Ebb	Fine	Moderate	13:19	11	M	5.5	2	7.47		20.97		27.57		80.2		5.62			12.4			NA			NA			0.01	0.22	0.83	1.06		
SR5	5/9/2017	Mid-Ebb	Fine	Moderate	13:19	11	M	5.5	3																					0.01	0.21	0.85	1.07		
SR5	5/9/2017	Mid-Ebb	Fine	Moderate	13:19	11	B	10	1	7.66	7.66	21.22	21.21	27.56	27.56	80.0	80.0	5.61	5.61		12.2	12.2		NA	NA		NA	NA		0.01	0.21	0.85	1.07	1.07	
SR5	5/9/2017	Mid-Ebb	Fine	Moderate	13:19	11	B	10	2	7.66		21.20		27.56		80.0		5.61			12.2			NA			NA			0.01	0.21	0.85	1.07		
SR5	5/9/2017	Mid-Ebb	Fine	Moderate	13:19	11	B	10	3																					0.01	0.22	0.85	1.08		
SR12	5/9/2017	Mid-Ebb	Fine	Moderate	11:53	15	S	1	1	7.61	7.62	25.74	25.77	26.98	26.98	73.5	73.5	5.07	5.07	5.06	13.7	13.8	14.3	0.03	0.03	0.04	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA
SR12	5/9/2017	Mid-Ebb	Fine	Moderate	11:53	15	S	1	2	7.63		25.79		26.98		73.4		5.06			13.8			0.03			0.001			NA	NA	NA	NA		
SR12	5/9/2017	Mid-Ebb	Fine	Moderate	11:53	15	S	1	3																					NA	NA	NA	NA		
SR12	5/9/2017	Mid-Ebb	Fine	Moderate	11:53	15	M	7.5	1	7.70	7.70	26.06	26.07	26.96	26.96	73.5	73.5	5.06	5.06		14.4	14.4		0.04	0.04		0.001	0.001		NA	NA	NA	NA	NA	NA
SR12	5/9/2017	Mid-Ebb	Fine	Moderate	11:53	15	M	7.5	2	7.70		26.08		26.96		73.4		5.06			14.4			0.04			0.001			NA	NA	NA	NA		
SR12	5/9/2017	Mid-Ebb	Fine	Moderate	11:53	15	M	7.5	3																					NA	NA	NA	NA		
SR12	5/9/2017	Mid-Ebb	Fine	Moderate	11:53	15	B	14	1	7.75	7.76	26.67	26.66	26.91	26.91	73.1	73.1	5.02	5.02		14.6	14.6		0.04	0.04		0.001	0.001		NA	NA	NA	NA	NA	
SR12	5/9/2017	Mid-Ebb	Fine	Moderate	11:53	15	B	14	2	7.76		26.64		26.90		73.0		5.01			14.6			0.04			0.001			NA	NA	NA	NA		
SR12	5/9/2017	Mid-Ebb	Fine	Moderate	11:53	15	B	14	3																					NA	NA	NA	NA		
SR13	5/9/2017	Mid-Ebb	Fine	Moderate	11:37	14	S	1	1	7.44	7.44	26.97	26.98	26.98	26.92	73.1	73.3	5.01	5.02	4.94	9.2	9.2	10.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	5/9/2017	Mid-Ebb	Fine	Moderate	11:37	14	S	1	2	7.44		26.99		26.85		73.5		5.03			9.2			NA			NA			NA	NA	NA	NA		
SR13	5/9/2017	Mid-Ebb	Fine	Moderate	11:37	14	S	1	3																					NA	NA	NA	NA		
SR13	5/9/2017	Mid-Ebb	Fine	Moderate	11:37	14	M	7	1	7.69	7.70	27.61	27.61	26.82	26.82	71.2	71.2	4.87	4.87		10.8	10.8		NA	NA		NA	NA		NA	NA	NA	NA	NA	NA
SR13	5/9/2017	Mid-Ebb	Fine	Moderate	11:37	14	M	7	2	7.70		27.61		26.82		71.1		4.86			10.8			NA			NA			NA	NA	NA	NA		
SR13	5/9/2017	Mid-Ebb	Fine	Moderate	11:37	14	M	7	3																					NA	NA	NA	NA		
SR13	5/9/2017	Mid-Ebb	Fine	Moderate	11:37	14	B	13	1	7.76	7.76	28.08	28.09	26.77	26.77	70.2	70.2	4.80	4.80		11.2	11.3		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	5/9/2017	Mid-Ebb	Fine	Moderate	11:37	14	B	13	2	7.76		28.10		26.77		70.2		4.80			11.4			NA			NA			NA	NA	NA	NA		
SR13	5/9/2017	Mid-Ebb	Fine	Moderate	11:37	14	B	13	3																					NA	NA	NA	NA		

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
C1A	5/9/2017	Mid-Ebb	Fine	Moderate	13:35	28	S	1	1	9	8	9	0.03	0.03	0.04	0.000	0.000	0.001	0.03	0.19	0.86	1.08	1.10	1.10	35	40	28	NA	NA	NA	1	1	1
C1A	5/9/2017	Mid-Ebb	Fine	Moderate	13:35	28	S	1	2	7			0.02			0.000			0.02	0.20	0.85	1.07			46			NA			<1		
C1A	5/9/2017	Mid-Ebb	Fine	Moderate	13:35	28	S	1	3										0.03	0.19	0.86	1.08											
C1A	5/9/2017	Mid-Ebb	Fine	Moderate	13:35	28	M	14	1	11	10		0.04	0.05		0.001	0.001		0.04	0.18	0.87	1.09	1.10		23	25		NA	NA		1	1	
C1A	5/9/2017	Mid-Ebb	Fine	Moderate	13:35	28	M	14	2	9			0.05			0.001			0.05	0.18	0.87	1.10			28			NA			1		
C1A	5/9/2017	Mid-Ebb	Fine	Moderate	13:35	28	M	14	3										0.05	0.17	0.89	1.11											
C1A	5/9/2017	Mid-Ebb	Fine	Moderate	13:35	28	B	27	1	10	10		0.06	0.06		0.002	0.002		0.06	0.20	0.85	1.11	1.11		19	21		NA	NA		<1	1	
C1A	5/9/2017	Mid-Ebb	Fine	Moderate	13:35	28	B	27	2	10			0.06			0.002			0.06	0.18	0.87	1.11			23			NA			<1		
C1A	5/9/2017	Mid-Ebb	Fine	Moderate	13:35	28	B	27	3										0.05	0.19	0.87	1.11											
C2A	5/9/2017	Mid-Ebb	Fine	Moderate	11:20	13	S	1	1	4	5	7	0.12	0.22	0.20	0.003	0.005	0.006	0.12	0.09	0.48	0.69	0.77	0.77	15	13	45	NA	NA	NA	<1	1	1
C2A	5/9/2017	Mid-Ebb	Fine	Moderate	11:20	13	S	1	2	6			0.31			0.007			0.31	0.08	0.49	0.88			12			NA			<1		
C2A	5/9/2017	Mid-Ebb	Fine	Moderate	11:20	13	S	1	3										0.17	0.09	0.48	0.74											
C2A	5/9/2017	Mid-Ebb	Fine	Moderate	11:20	13	M	6.5	1	6	6		0.15	0.15		0.005	0.005		0.15	0.09	0.49	0.73	0.72		21	19		NA	NA		<1	1	
C2A	5/9/2017	Mid-Ebb	Fine	Moderate	11:20	13	M	6.5	2	6			0.15			0.005			0.15	0.08	0.50	0.73			17			NA			<1		
C2A	5/9/2017	Mid-Ebb	Fine	Moderate	11:20	13	M	6.5	3										0.13	0.09	0.49	0.71											
C2A	5/9/2017	Mid-Ebb	Fine	Moderate	11:20	13	B	12	1	12	11		0.21	0.24		0.007	0.008		0.21	0.08	0.48	0.77	0.82		320	353		NA	NA		<1	1	
C2A	5/9/2017	Mid-Ebb	Fine	Moderate	11:20	13	B	12	2	10			0.27			0.009			0.27	0.08	0.49	0.84			390			NA			<1		
C2A	5/9/2017	Mid-Ebb	Fine	Moderate	11:20	13	B	12	3										0.27	0.08	0.49	0.84											
G2	5/9/2017	Mid-Ebb	Fine	Moderate	12:44	12	S	1	1	9	9	10	NA	NA	NA	NA	NA	NA	0.01	0.19	0.80	1.00	1.01	1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	5/9/2017	Mid-Ebb	Fine	Moderate	12:44	12	S	1	2	8			NA			NA			<0.01	0.19	0.82	1.01			NA			NA			NA		
G2	5/9/2017	Mid-Ebb	Fine	Moderate	12:44	12	S	1	3										0.01	0.19	0.82	1.02											
G2	5/9/2017	Mid-Ebb	Fine	Moderate	12:44	12	M	6	1	10	11		NA	NA		NA	NA		0.02	0.18	0.80	1.00	0.99		NA	NA		NA	NA		NA	NA	
G2	5/9/2017	Mid-Ebb	Fine	Moderate	12:44	12	M	6	2	11			NA			NA			0.02	0.19	0.79	1.00			NA			NA			NA		
G2	5/9/2017	Mid-Ebb	Fine	Moderate	12:44	12	M	6	3										0.01	0.18	0.78	0.97											
G2	5/9/2017	Mid-Ebb	Fine	Moderate	12:44	12	B	11	1	9	10		NA	NA		NA	NA		0.02	0.18	0.79	0.99	0.99		NA	NA		NA	NA		NA	NA	
G2	5/9/2017	Mid-Ebb	Fine	Moderate	12:44	12	B	11	2	10			NA			NA			0.02	0.19	0.78	0.99			NA			NA			NA		
G2	5/9/2017	Mid-Ebb	Fine	Moderate	12:44	12	B	11	3										0.02	0.19	0.79	1.00											
SR2	5/9/2017	Mid-Ebb	Fine	Moderate	13:02	9	S	1	1	8	8	8	0.03	0.03	0.03	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	5/9/2017	Mid-Ebb	Fine	Moderate	13:02	9	S	1	2	8			0.03			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	5/9/2017	Mid-Ebb	Fine	Moderate	13:02	9	S	1	3										NA	NA	NA	NA											
SR2	5/9/2017	Mid-Ebb	Fine	Moderate	13:02	9	M	4.5	1	6	6		0.03	0.03		0.001	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	5/9/2017	Mid-Ebb	Fine	Moderate	13:02	9	M	4.5	2	6			0.03			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	5/9/2017	Mid-Ebb	Fine	Moderate	13:02	9	M	4.5	3										NA	NA	NA	NA											
SR2	5/9/2017	Mid-Ebb	Fine	Moderate	13:02	9	B	8	1	10	9		0.03	0.03		0.001	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	5/9/2017	Mid-Ebb	Fine	Moderate	13:02	9	B	8	2	8			0.03			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	5/9/2017	Mid-Ebb	Fine	Moderate	13:02	9	B	8	3										NA	NA	NA	NA											
SR3	5/9/2017	Mid-Ebb	Fine	Moderate	12:28	8	S	1	1	7	8	9	0.03	0.04	0.05	0.000	0.000	0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	5/9/2017	Mid-Ebb	Fine	Moderate	12:28	8	S	1	2	9			0.04			0.000			NA	NA	NA	NA			NA			NA			NA		
SR3	5/9/2017	Mid-Ebb	Fine	Moderate	12:28	8	S	1	3										NA	NA	NA	NA											
SR3	5/9/2017	Mid-Ebb	Fine	Moderate	12:28	8	M	4	1	10	10		0.04	0.05		0.001	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	5/9/2017	Mid-Ebb	Fine	Moderate	12:28	8	M	4	2	9			0.06			0.001			NA	NA	NA	NA			NA			NA			NA		
SR3	5/9/2017	Mid-Ebb	Fine	Moderate	12:28	8	M	4	3										NA	NA	NA	NA											
SR3	5/9/2017	Mid-Ebb	Fine	Moderate	12:28	8	B	7	1	9	9		0.06	0.06		0.001	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	5/9/2017	Mid-Ebb	Fine	Moderate	12:28	8	B	7	2	8			0.06			0.001			NA	NA	NA	NA			NA			NA			NA		
SR3	5/9/2017	Mid-Ebb	Fine	Moderate	12:28	8	B	7	3										NA	NA	NA	NA											

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
SR4	5/9/2017	Mid-Ebb	Fine	Moderate	12:11	4	S	1	1	7	7	8	0.05	0.05	0.06	0.001	0.001	0.002	NA	NA	NA	NA	NA	NA	45	53	40	NA	NA	NA	<1	1	1
SR4	5/9/2017	Mid-Ebb	Fine	Moderate	12:11	4	S	1	2	6			0.04			0.001			NA	NA	NA	NA			62			NA			<1		
SR4	5/9/2017	Mid-Ebb	Fine	Moderate	12:11	4	S	1	3										NA	NA	NA	NA											
SR4	5/9/2017	Mid-Ebb	Fine	Moderate	12:11	4	M		1		NA			NA			NA		NA	NA	NA	NA	NA			NA		NA	NA				
SR4	5/9/2017	Mid-Ebb	Fine	Moderate	12:11	4	M		2										NA	NA	NA	NA											
SR4	5/9/2017	Mid-Ebb	Fine	Moderate	12:11	4	M		3										NA	NA	NA	NA											
SR4	5/9/2017	Mid-Ebb	Fine	Moderate	12:11	4	B	3	1	8	9		0.07	0.08		0.002	0.002		NA	NA	NA	NA	NA		33	30		NA	NA		<1	1	
SR4	5/9/2017	Mid-Ebb	Fine	Moderate	12:11	4	B	3	2	10			0.08			0.002			NA	NA	NA	NA			28			NA			<1		
SR4	5/9/2017	Mid-Ebb	Fine	Moderate	12:11	4	B	3	3										NA	NA	NA	NA											
SR5	5/9/2017	Mid-Ebb	Fine	Moderate	13:19	11	S	1	1	10	10	10	NA	NA	NA	NA	NA	NA	0.01	0.20	0.87	1.08	1.07	1.07	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	5/9/2017	Mid-Ebb	Fine	Moderate	13:19	11	S	1	2	10			NA			NA			<0.01	0.22	0.85	1.07			NA			NA			NA		
SR5	5/9/2017	Mid-Ebb	Fine	Moderate	13:19	11	S	1	3										<0.01	0.22	0.85	1.07											
SR5	5/9/2017	Mid-Ebb	Fine	Moderate	13:19	11	M	5.5	1	9			NA			NA			<0.01	0.22	0.85	1.07			NA			NA			NA		
SR5	5/9/2017	Mid-Ebb	Fine	Moderate	13:19	11	M	5.5	2	10			NA			NA			<0.01	0.22	0.83	1.05			NA			NA			NA		
SR5	5/9/2017	Mid-Ebb	Fine	Moderate	13:19	11	M	5.5	3										0.01	0.21	0.85	1.07											
SR5	5/9/2017	Mid-Ebb	Fine	Moderate	13:19	11	B	10	1	11	12		NA			NA			<0.01	0.21	0.85	1.06			NA			NA			NA		
SR5	5/9/2017	Mid-Ebb	Fine	Moderate	13:19	11	B	10	2	12			NA			NA			<0.01	0.21	0.85	1.06			NA			NA			NA		
SR5	5/9/2017	Mid-Ebb	Fine	Moderate	13:19	11	B	10	3										<0.01	0.22	0.85	1.07											
SR12	5/9/2017	Mid-Ebb	Fine	Moderate	11:53	15	S	1	1	9	9	11	0.03	0.03	0.04	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA	420	449	315	NA	NA	NA	<1	1	1
SR12	5/9/2017	Mid-Ebb	Fine	Moderate	11:53	15	S	1	2	8			0.03			0.001			NA	NA	NA	NA			480			NA			<1		
SR12	5/9/2017	Mid-Ebb	Fine	Moderate	11:53	15	S	1	3										NA	NA	NA	NA											
SR12	5/9/2017	Mid-Ebb	Fine	Moderate	11:53	15	M	7.5	1	12	12		0.04	0.04		0.001	0.001		NA	NA	NA	NA	NA		160	174		NA	NA		<1	1	
SR12	5/9/2017	Mid-Ebb	Fine	Moderate	11:53	15	M	7.5	2	12			0.04			0.001			NA	NA	NA	NA			190			NA			1		
SR12	5/9/2017	Mid-Ebb	Fine	Moderate	11:53	15	M	7.5	3										NA	NA	NA	NA											
SR12	5/9/2017	Mid-Ebb	Fine	Moderate	11:53	15	B	14	1	12	13		0.04	0.04		0.001	0.001		NA	NA	NA	NA	NA		430	399		NA	NA		<1	1	
SR12	5/9/2017	Mid-Ebb	Fine	Moderate	11:53	15	B	14	2	14			0.04			0.001			NA	NA	NA	NA			370			NA			<1		
SR12	5/9/2017	Mid-Ebb	Fine	Moderate	11:53	15	B	14	3										NA	NA	NA	NA											
SR13	5/9/2017	Mid-Ebb	Fine	Moderate	11:37	14	S	1	1	10	10	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	5/9/2017	Mid-Ebb	Fine	Moderate	11:37	14	S	1	2	10			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	5/9/2017	Mid-Ebb	Fine	Moderate	11:37	14	S	1	3										NA	NA	NA	NA											
SR13	5/9/2017	Mid-Ebb	Fine	Moderate	11:37	14	M	7	1	10	11		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	5/9/2017	Mid-Ebb	Fine	Moderate	11:37	14	M	7	2	11			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	5/9/2017	Mid-Ebb	Fine	Moderate	11:37	14	M	7	3										NA	NA	NA	NA											
SR13	5/9/2017	Mid-Ebb	Fine	Moderate	11:37	14	B	13	1	9	10		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	5/9/2017	Mid-Ebb	Fine	Moderate	11:37	14	B	13	2	10			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	5/9/2017	Mid-Ebb	Fine	Moderate	11:37	14	B	13	3										NA	NA	NA	NA											

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
C1A	7/9/2017	Mid-Flood	Fine	Moderate	9:35	28	S	1	1	7.57	7.57	25.32	25.32	27.71	27.71	73.9	73.9	5.05	5.06	4.97	9.5	9.6	10.1	0.05	0.05	0.05	0.001	0.001	0.001	0.05	0.16	0.64	0.85	0.86	0.85
C1A	7/9/2017	Mid-Flood	Fine	Moderate	9:35	28	S	1	2	7.57		25.32		27.71		73.8		5.06			9.6			0.05			0.001			0.05	0.16	0.65	0.86		
C1A	7/9/2017	Mid-Flood	Fine	Moderate	9:35	28	S	1	3																					0.05	0.16	0.65	0.86		
C1A	7/9/2017	Mid-Flood	Fine	Moderate	9:35	28	M	14	1	7.72	7.72	25.94	25.94	27.51	27.51	71.3	71.4	4.88	4.88		10.2	10.3		0.05	0.05		0.001	0.001		0.05	0.16	0.64	0.85	0.85	
C1A	7/9/2017	Mid-Flood	Fine	Moderate	9:35	28	M	14	2	7.72		25.94		27.51		71.5		4.87			10.3			0.05			0.001			0.05	0.16	0.64	0.85		
C1A	7/9/2017	Mid-Flood	Fine	Moderate	9:35	28	M	14	3																					0.05	0.16	0.64	0.85		
C1A	7/9/2017	Mid-Flood	Fine	Moderate	9:35	28	B	27	1	7.74	7.74	26.01	26.01	27.45	27.45	70.8	70.9	4.84	4.85		10.4	10.5		0.05	0.05		0.001	0.001		0.05	0.16	0.64	0.85	0.85	
C1A	7/9/2017	Mid-Flood	Fine	Moderate	9:35	28	B	27	2	7.74		26.01		27.45		70.9		4.85			10.5			0.05			0.001			0.05	0.16	0.65	0.86		
C1A	7/9/2017	Mid-Flood	Fine	Moderate	9:35	28	B	27	3																					0.05	0.16	0.64	0.85		
C2A	7/9/2017	Mid-Flood	Fine	Moderate	6:35	13	S	1	1	7.83	7.83	28.25	28.25	27.00	27.00	67.9	67.9	4.60	4.65	4.61	7.1	7.2	7.3	0.25	0.25	0.25	0.009	0.009	0.008	0.25	0.09	0.44	0.78	0.78	0.78
C2A	7/9/2017	Mid-Flood	Fine	Moderate	6:35	13	S	1	2	7.82		28.25		27.00		67.8		4.70			7.2			0.25			0.009			0.25	0.09	0.45	0.79		
C2A	7/9/2017	Mid-Flood	Fine	Moderate	6:35	13	S	1	3																					0.25	0.09	0.44	0.78		
C2A	7/9/2017	Mid-Flood	Fine	Moderate	6:35	13	M	6.5	1	7.81	7.81	28.35	28.35	27.20	27.20	67.2	67.3	4.55	4.57		7.3	7.4		0.30	0.30		0.010	0.010		0.30	0.09	0.45	0.84	0.84	
C2A	7/9/2017	Mid-Flood	Fine	Moderate	6:35	13	M	6.5	2	7.81		28.35		27.20		67.3		4.58			7.4			0.30			0.010			0.30	0.09	0.44	0.83		
C2A	7/9/2017	Mid-Flood	Fine	Moderate	6:35	13	M	6.5	3																					0.30	0.09	0.45	0.84		
C2A	7/9/2017	Mid-Flood	Fine	Moderate	6:35	13	B	12	1	7.80	7.80	28.40	28.40	27.10	27.10	66.7	66.8	4.50	4.55		7.3	7.4		0.20	0.20		0.007	0.007		0.20	0.09	0.44	0.73	0.73	
C2A	7/9/2017	Mid-Flood	Fine	Moderate	6:35	13	B	12	2	7.80		28.40		27.10		66.8		4.60			7.4			0.20			0.007			0.20	0.09	0.43	0.72		
C2A	7/9/2017	Mid-Flood	Fine	Moderate	6:35	13	B	12	3																					0.20	0.08	0.45	0.73		
G2	7/9/2017	Mid-Flood	Fine	Moderate	8:29	12	S	1	1	7.55	7.55	26.00	26.00	27.44	27.44	70.5	70.6	4.85	4.86	4.79	8.9	8.9	9.5	NA	NA	NA	NA	NA	NA	0.05	0.16	0.67	0.88	0.87	0.88
G2	7/9/2017	Mid-Flood	Fine	Moderate	8:29	12	S	1	2	7.55		26.00		27.44		70.6		4.86			8.8			NA			NA			0.05	0.16	0.65	0.86		
G2	7/9/2017	Mid-Flood	Fine	Moderate	8:29	12	S	1	3																					0.05	0.16	0.65	0.86		
G2	7/9/2017	Mid-Flood	Fine	Moderate	8:29	12	M	6	1	7.75	7.75	26.90	26.90	27.27	27.27	69.9	69.9	4.75	4.73		9.9	9.9		NA	NA		NA	NA		0.05	0.17	0.66	0.88	0.88	
G2	7/9/2017	Mid-Flood	Fine	Moderate	8:29	12	M	6	2	7.75		26.90		27.27		69.9		4.71			9.8			NA			NA			0.05	0.16	0.67	0.88		
G2	7/9/2017	Mid-Flood	Fine	Moderate	8:29	12	M	6	3																					0.05	0.17	0.65	0.87		
G2	7/9/2017	Mid-Flood	Fine	Moderate	8:29	12	B	11	1	7.77	7.77	27.60	27.60	27.22	27.23	69.0	69.1	4.69	4.69		9.6	9.7		NA	NA		NA	NA		0.05	0.16	0.66	0.87	0.87	
G2	7/9/2017	Mid-Flood	Fine	Moderate	8:29	12	B	11	2	7.77		27.60		27.23		69.1		4.68			9.7			NA			NA			0.05	0.17	0.65	0.87		
G2	7/9/2017	Mid-Flood	Fine	Moderate	8:29	12	B	11	3																					0.05	0.17	0.66	0.88		
SR2	7/9/2017	Mid-Flood	Fine	Moderate	8:55	9	S	1	1	7.28	7.28	24.08	24.08	27.96	27.96	74.4	74.5	5.07	5.08	4.93	8.5	8.6	9.0	0.05	0.05	0.05	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA
SR2	7/9/2017	Mid-Flood	Fine	Moderate	8:55	9	S	1	2	7.28		24.08		27.96		74.5		5.08			8.6			0.05			0.001			NA	NA	NA	NA		
SR2	7/9/2017	Mid-Flood	Fine	Moderate	8:55	9	S	1	3																					NA	NA	NA	NA		
SR2	7/9/2017	Mid-Flood	Fine	Moderate	8:55	9	M	4.5	1	7.70	7.70	26.90	26.90	27.30	27.30	70.5	70.6	4.79	4.79		9.1	9.2		0.05	0.05		0.001	0.001		NA	NA	NA	NA	NA	NA
SR2	7/9/2017	Mid-Flood	Fine	Moderate	8:55	9	M	4.5	2	7.70		26.90		27.30		70.6		4.78			9.2			0.05			0.001			NA	NA	NA	NA		
SR2	7/9/2017	Mid-Flood	Fine	Moderate	8:55	9	M	4.5	3																					NA	NA	NA	NA		
SR2	7/9/2017	Mid-Flood	Fine	Moderate	8:55	9	B	8	1	7.74	7.74	27.59	27.59	27.24	27.25	69.4	69.6	4.72	4.73		9.3	9.4		0.05	0.05		0.001	0.001		NA	NA	NA	NA	NA	
SR2	7/9/2017	Mid-Flood	Fine	Moderate	8:55	9	B	8	2	7.74		27.59		27.25		69.7		4.73			9.4			0.05			0.001			NA	NA	NA	NA		
SR2	7/9/2017	Mid-Flood	Fine	Moderate	8:55	9	B	8	3																					NA	NA	NA	NA		
SR3	7/9/2017	Mid-Flood	Fine	Moderate	8:06	8	S	1	1	7.50	7.50	23.60	23.60	27.80	27.80	74.7	74.8	5.14	5.15	5.02	8.5	8.6	10.1	0.01	0.01	0.01	0.000	0.000	0.000	NA	NA	NA	NA	NA	NA
SR3	7/9/2017	Mid-Flood	Fine	Moderate	8:06	8	S	1	2	7.50		23.60		27.80		74.8		5.15			8.6			0.01			0.000			NA	NA	NA	NA		
SR3	7/9/2017	Mid-Flood	Fine	Moderate	8:06	8	S	1	3																					NA	NA	NA	NA		
SR3	7/9/2017	Mid-Flood	Fine	Moderate	8:06	8	M	4	1	7.69	7.69	25.80	25.80	27.40	27.43	71.5	71.6	4.88	4.89		9.5	9.6		0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA	NA
SR3	7/9/2017	Mid-Flood	Fine	Moderate	8:06	8	M	4	2	7.69		25.80		27.46		71.6		4.89			9.6			0.01			0.000			NA	NA	NA	NA		
SR3	7/9/2017	Mid-Flood	Fine	Moderate	8:06	8	M	4	3																					NA	NA	NA	NA		
SR3	7/9/2017	Mid-Flood	Fine	Moderate	8:06	8	B	7	1	7.72	7.72	27.07	27.07	27.25	27.25	67.8	67.9	4.62	4.63		12.1	12.2		0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA	
SR3	7/9/2017	Mid-Flood	Fine	Moderate	8:06	8	B	7	2	7.72		27.07		27.25		67.9		4.63			12.2			0.01			0.000			NA	NA	NA	NA		
SR3	7/9/2017	Mid-Flood	Fine	Moderate	8:06	8	B	7	3																					NA	NA	NA	NA		

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR4	7/9/2017	Mid-Flood	Fine	Moderate	7:40	4	S	1	1	7.63	7.62	24.85	24.85	27.63	27.63	74.4	74.5	5.10	5.11	5.11	8.6	8.7	8.8	0.06	0.06	0.06	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA
SR4	7/9/2017	Mid-Flood	Fine	Moderate	7:40	4	S	1	2	7.61		24.85		27.63		74.5		5.11			8.7			0.06			0.001			NA	NA	NA	NA		
SR4	7/9/2017	Mid-Flood	Fine	Moderate	7:40	4	S	1	3																					NA	NA	NA	NA		
SR4	7/9/2017	Mid-Flood	Fine	Moderate	7:40	4	M		1																					NA	NA	NA	NA		
SR4	7/9/2017	Mid-Flood	Fine	Moderate	7:40	4	M		2		NA		NA		NA		NA		NA			NA			NA			NA		NA	NA	NA	NA	NA
SR4	7/9/2017	Mid-Flood	Fine	Moderate	7:40	4	M		3																					NA	NA	NA	NA		
SR4	7/9/2017	Mid-Flood	Fine	Moderate	7:40	4	B	3	1	7.71	7.71	26.40	26.40	27.38	27.38	71.1	71.2	4.85	4.86		8.8	8.9		0.05	0.05		0.001	0.001		NA	NA	NA	NA		
SR4	7/9/2017	Mid-Flood	Fine	Moderate	7:40	4	B	3	2	7.71		26.40		27.38		71.2		4.86			8.9			0.05			0.001			NA	NA	NA	NA	NA	
SR4	7/9/2017	Mid-Flood	Fine	Moderate	7:40	4	B	3	3																					NA	NA	NA	NA		
SR5	7/9/2017	Mid-Flood	Fine	Moderate	9:18	11	S	1	1	7.56	7.56	24.52	24.52	27.68	27.68	77.4	77.6	5.14	5.13	5.02	8.8	8.9	9.7	NA	NA	NA	NA	NA	NA	0.01	0.23	0.74	0.98		
SR5	7/9/2017	Mid-Flood	Fine	Moderate	9:18	11	S	1	2	7.56		24.52		27.68		77.7		5.11			8.9			NA			NA			0.01	0.22	0.75	0.98	0.98	
SR5	7/9/2017	Mid-Flood	Fine	Moderate	9:18	11	S	1	3																					0.01	0.22	0.75	0.98		
SR5	7/9/2017	Mid-Flood	Fine	Moderate	9:18	11	M	5.5	1	7.70	7.70	27.90	27.90	27.16	27.16	72.3	72.4	4.91	4.92		9.0	9.1		NA	NA		NA	NA		0.02	0.22	0.75	0.99		
SR5	7/9/2017	Mid-Flood	Fine	Moderate	9:18	11	M	5.5	2	7.70		27.90		27.16		72.4		4.92			9.1			NA			NA			0.02	0.22	0.73	0.97	0.98	0.99
SR5	7/9/2017	Mid-Flood	Fine	Moderate	9:18	11	M	5.5	3																					0.02	0.22	0.74	0.98		
SR5	7/9/2017	Mid-Flood	Fine	Moderate	9:18	11	B	10	1	7.76	7.76	28.43	28.43	27.12	27.12	68.9	68.9	4.67	4.68		11.1	11.2		NA	NA		NA	NA		0.05	0.22	0.75	1.02		
SR5	7/9/2017	Mid-Flood	Fine	Moderate	9:18	11	B	10	2	7.76		28.43		27.12		68.9		4.68			11.2			NA			NA			0.05	0.22	0.75	1.02	1.02	
SR5	7/9/2017	Mid-Flood	Fine	Moderate	9:18	11	B	10	3																					0.05	0.22	0.75	1.02		
SR12	7/9/2017	Mid-Flood	Fine	Moderate	7:18	15	S	1	1	7.70	7.70	27.55	27.55	27.28	27.28	69.3	69.3	4.71	4.71	4.64	8.0	8.0	8.2	0.15	0.15	0.17	0.004	0.004	0.005	NA	NA	NA	NA	NA	NA
SR12	7/9/2017	Mid-Flood	Fine	Moderate	7:18	15	S	1	2	7.70		27.55		27.28		69.3		4.71			8.0			0.15			0.004			NA	NA	NA	NA		
SR12	7/9/2017	Mid-Flood	Fine	Moderate	7:18	15	S	1	3																					NA	NA	NA	NA		
SR12	7/9/2017	Mid-Flood	Fine	Moderate	7:18	15	M	7.5	1	7.73	7.73	28.16	28.16	27.15	27.15	67.0	67.0	4.57	4.57		8.4	8.4		0.15	0.15		0.004	0.004		NA	NA	NA	NA		
SR12	7/9/2017	Mid-Flood	Fine	Moderate	7:18	15	M	7.5	2	7.73		28.16		27.15		67.0		4.57			8.4			0.15			0.004			NA	NA	NA	NA	NA	NA
SR12	7/9/2017	Mid-Flood	Fine	Moderate	7:18	15	M	7.5	3																					NA	NA	NA	NA		
SR12	7/9/2017	Mid-Flood	Fine	Moderate	7:18	15	B	14	1	7.70	7.70	28.00	28.00	27.21	27.21	67.9	67.9	4.60	4.60		8.2	8.2		0.20	0.20		0.005	0.005		NA	NA	NA	NA		
SR12	7/9/2017	Mid-Flood	Fine	Moderate	7:18	15	B	14	2	7.70		28.00		27.21		67.9		4.60			8.2			0.20			0.005			NA	NA	NA	NA	NA	
SR12	7/9/2017	Mid-Flood	Fine	Moderate	7:18	15	B	14	3																					NA	NA	NA	NA		
SR13	7/9/2017	Mid-Flood	Fine	Moderate	6:55	14	S	1	1	7.56	7.56	28.06	28.06	27.25	27.26	66.8	66.9	4.52	4.53	4.51	7.8	7.9	8.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	7/9/2017	Mid-Flood	Fine	Moderate	6:55	14	S	1	2	7.56		28.06		27.26		66.9		4.53			7.9			NA			NA			NA	NA	NA	NA		
SR13	7/9/2017	Mid-Flood	Fine	Moderate	6:55	14	S	1	3																					NA	NA	NA	NA		
SR13	7/9/2017	Mid-Flood	Fine	Moderate	6:55	14	M	7	1	7.72	7.72	28.10	28.15	27.23	27.24	66.3	66.4	4.49	4.49		8.0	8.1		NA	NA		NA	NA		NA	NA	NA	NA		
SR13	7/9/2017	Mid-Flood	Fine	Moderate	6:55	14	M	7	2	7.72		28.20		27.24		66.4		4.49			8.1			NA			NA			NA	NA	NA	NA	NA	NA
SR13	7/9/2017	Mid-Flood	Fine	Moderate	6:55	14	M	7	3																					NA	NA	NA	NA		
SR13	7/9/2017	Mid-Flood	Fine	Moderate	6:55	14	B	13	1	7.73	7.73	28.50	28.50	27.18	27.18	65.0	65.1	4.28	4.28		8.4	8.5		NA	NA		NA	NA		NA	NA	NA	NA		
SR13	7/9/2017	Mid-Flood	Fine	Moderate	6:55	14	B	13	2	7.73		28.50		27.18		65.1		4.28			8.5			NA			NA			NA	NA	NA	NA	NA	
SR13	7/9/2017	Mid-Flood	Fine	Moderate	6:55	14	B	13	3																					NA	NA	NA	NA		

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
C1A	7/9/2017	Mid-Flood	Fine	Moderate	9:35	28	S	1	1	6	6	6	0.04	0.04	0.03	0.001	0.001	0.001	0.04	0.16	0.64	0.84	0.84	0.84	180	199	104	NA	NA	NA	<1	1	1
C1A	7/9/2017	Mid-Flood	Fine	Moderate	9:35	28	S	1	2	5			0.04			0.001			0.04	0.16	0.65	0.85			220			NA			<1		
C1A	7/9/2017	Mid-Flood	Fine	Moderate	9:35	28	S	1	3										0.03	0.16	0.65	0.84											
C1A	7/9/2017	Mid-Flood	Fine	Moderate	9:35	28	M	14	1	6			0.04			0.001			0.04	0.16	0.64	0.84			78			NA			<1		
C1A	7/9/2017	Mid-Flood	Fine	Moderate	9:35	28	M	14	2	6			0.03			0.001			0.03	0.16	0.64	0.83			65			NA			<1		
C1A	7/9/2017	Mid-Flood	Fine	Moderate	9:35	28	M	14	3										0.04	0.16	0.64	0.84											
C1A	7/9/2017	Mid-Flood	Fine	Moderate	9:35	28	B	27	1	6			0.02			0.001			0.02	0.16	0.64	0.82			84			NA			<1		
C1A	7/9/2017	Mid-Flood	Fine	Moderate	9:35	28	B	27	2	6			0.02			0.001			0.02	0.16	0.65	0.83			77			NA			<1		
C1A	7/9/2017	Mid-Flood	Fine	Moderate	9:35	28	B	27	3										0.04	0.16	0.64	0.84											
C2A	7/9/2017	Mid-Flood	Fine	Moderate	6:35	13	S	1	1	5	6	6	0.25	0.26	0.24	0.009	0.009	0.008	0.25	0.09	0.44	0.78	0.79	0.77	210	200	331	NA	NA	NA	<1	1	1
C2A	7/9/2017	Mid-Flood	Fine	Moderate	6:35	13	S	1	2	6			0.26			0.009			0.26	0.09	0.45	0.80			190			NA			<1		
C2A	7/9/2017	Mid-Flood	Fine	Moderate	6:35	13	S	1	3										0.26	0.09	0.44	0.79											
C2A	7/9/2017	Mid-Flood	Fine	Moderate	6:35	13	M	6.5	1	6			0.28			0.009			0.28	0.09	0.45	0.82			250			NA			<1		
C2A	7/9/2017	Mid-Flood	Fine	Moderate	6:35	13	M	6.5	2	6			0.27			0.009			0.27	0.09	0.44	0.80			320			NA			<1		
C2A	7/9/2017	Mid-Flood	Fine	Moderate	6:35	13	M	6.5	3										0.26	0.09	0.45	0.80											
C2A	7/9/2017	Mid-Flood	Fine	Moderate	6:35	13	B	12	1	8			0.20			0.007			0.20	0.09	0.44	0.73			560			NA			<1		
C2A	7/9/2017	Mid-Flood	Fine	Moderate	6:35	13	B	12	2	7			0.18			0.006			0.18	0.09	0.43	0.70			730			NA			<1		
C2A	7/9/2017	Mid-Flood	Fine	Moderate	6:35	13	B	12	3										0.18	0.08	0.45	0.71											
G2	7/9/2017	Mid-Flood	Fine	Moderate	8:29	12	S	1	1	7	7	7	NA	NA	NA	NA	NA	NA	0.04	0.16	0.67	0.87	0.85	0.87	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	7/9/2017	Mid-Flood	Fine	Moderate	8:29	12	S	1	2	6			NA			NA			0.03	0.16	0.65	0.84			NA			NA			NA		
G2	7/9/2017	Mid-Flood	Fine	Moderate	8:29	12	S	1	3										0.04	0.16	0.65	0.85											
G2	7/9/2017	Mid-Flood	Fine	Moderate	8:29	12	M	6	1	6	6		NA	NA		NA	NA		0.03	0.17	0.66	0.86	0.86		NA	NA		NA	NA		NA	NA	
G2	7/9/2017	Mid-Flood	Fine	Moderate	8:29	12	M	6	2	6			NA			NA			0.04	0.16	0.67	0.87			NA			NA			NA		
G2	7/9/2017	Mid-Flood	Fine	Moderate	8:29	12	M	6	3										0.03	0.17	0.65	0.85											
G2	7/9/2017	Mid-Flood	Fine	Moderate	8:29	12	B	11	1	8	8		NA	NA		NA	NA		0.08	0.16	0.66	0.90	0.89		NA	NA		NA	NA		NA	NA	
G2	7/9/2017	Mid-Flood	Fine	Moderate	8:29	12	B	11	2	7			NA			NA			0.07	0.17	0.65	0.89			NA			NA			NA		
G2	7/9/2017	Mid-Flood	Fine	Moderate	8:29	12	B	11	3										0.06	0.17	0.66	0.89											
SR2	7/9/2017	Mid-Flood	Fine	Moderate	8:55	9	S	1	1	6	5	5	0.03	0.03	0.04	0.000	0.000	0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	7/9/2017	Mid-Flood	Fine	Moderate	8:55	9	S	1	2	4			0.02			0.000			NA	NA	NA	NA			NA			NA			NA		
SR2	7/9/2017	Mid-Flood	Fine	Moderate	8:55	9	S	1	3										NA	NA	NA	NA											
SR2	7/9/2017	Mid-Flood	Fine	Moderate	8:55	9	M	4.5	1	5			0.04			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	7/9/2017	Mid-Flood	Fine	Moderate	8:55	9	M	4.5	2	4			0.05			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	7/9/2017	Mid-Flood	Fine	Moderate	8:55	9	M	4.5	3										NA	NA	NA	NA											
SR2	7/9/2017	Mid-Flood	Fine	Moderate	8:55	9	B	8	1	6	7		0.05	0.05		0.001	0.001		NA	NA	NA	NA			NA			NA			NA		
SR2	7/9/2017	Mid-Flood	Fine	Moderate	8:55	9	B	8	2	7			0.04			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	7/9/2017	Mid-Flood	Fine	Moderate	8:55	9	B	8	3										NA	NA	NA	NA											
SR3	7/9/2017	Mid-Flood	Fine	Moderate	8:06	8	S	1	1	5	6	16	<0.01	0.01	0.01	0.000	0.000	0.000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	7/9/2017	Mid-Flood	Fine	Moderate	8:06	8	S	1	2	6			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR3	7/9/2017	Mid-Flood	Fine	Moderate	8:06	8	S	1	3										NA	NA	NA	NA											
SR3	7/9/2017	Mid-Flood	Fine	Moderate	8:06	8	M	4	1	21	21		<0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	7/9/2017	Mid-Flood	Fine	Moderate	8:06	8	M	4	2	20			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR3	7/9/2017	Mid-Flood	Fine	Moderate	8:06	8	M	4	3										NA	NA	NA	NA											
SR3	7/9/2017	Mid-Flood	Fine	Moderate	8:06	8	B	7	1	24	23		0.01	0.02		0.000	0.000		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	7/9/2017	Mid-Flood	Fine	Moderate	8:06	8	B	7	2	22			0.02			0.001			NA	NA	NA	NA			NA			NA			NA		
SR3	7/9/2017	Mid-Flood	Fine	Moderate	8:06	8	B	7	3										NA	NA	NA	NA											

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
SR4	7/9/2017	Mid-Flood	Fine	Moderate	7:40	4	S	1	1	11	11	11	0.06	0.06	0.06	0.001	0.001	0.002	NA	NA	NA	NA	NA	NA	460	494	539	NA	NA	NA	1	1	1
SR4	7/9/2017	Mid-Flood	Fine	Moderate	7:40	4	S	1	2	11			0.06			0.001			NA	NA	NA	NA			530			NA			1		
SR4	7/9/2017	Mid-Flood	Fine	Moderate	7:40	4	S	1	3										NA	NA	NA	NA											
SR4	7/9/2017	Mid-Flood	Fine	Moderate	7:40	4	M		1		NA			NA			NA		NA	NA	NA	NA	NA			NA		NA	NA				
SR4	7/9/2017	Mid-Flood	Fine	Moderate	7:40	4	M		2										NA	NA	NA	NA											
SR4	7/9/2017	Mid-Flood	Fine	Moderate	7:40	4	M		3										NA	NA	NA	NA											
SR4	7/9/2017	Mid-Flood	Fine	Moderate	7:40	4	B	3	1	10	11		0.04	0.06		0.001	0.002		NA	NA	NA	NA	NA		550	589		NA	NA		<1	1	
SR4	7/9/2017	Mid-Flood	Fine	Moderate	7:40	4	B	3	2	11			0.08			0.002			NA	NA	NA	NA			630			NA			1		
SR4	7/9/2017	Mid-Flood	Fine	Moderate	7:40	4	B	3	3										NA	NA	NA	NA											
SR5	7/9/2017	Mid-Flood	Fine	Moderate	9:18	11	S	1	1	10	10	12	NA	NA	NA	NA	NA	NA	<0.01	0.23	0.74	0.97	0.97	0.99	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	7/9/2017	Mid-Flood	Fine	Moderate	9:18	11	S	1	2	10			NA			NA			<0.01	0.22	0.75	0.97			NA			NA			NA		
SR5	7/9/2017	Mid-Flood	Fine	Moderate	9:18	11	S	1	3										<0.01	0.22	0.75	0.97											
SR5	7/9/2017	Mid-Flood	Fine	Moderate	9:18	11	M	5.5	1	10	10		NA	NA		NA	NA		0.02	0.22	0.75	0.99	0.98		NA	NA		NA	NA		NA	NA	
SR5	7/9/2017	Mid-Flood	Fine	Moderate	9:18	11	M	5.5	2	10			NA			NA			0.02	0.22	0.73	0.97			NA			NA			NA		
SR5	7/9/2017	Mid-Flood	Fine	Moderate	9:18	11	M	5.5	3										0.02	0.22	0.74	0.98											
SR5	7/9/2017	Mid-Flood	Fine	Moderate	9:18	11	B	10	1	14	15		NA	NA		NA	NA		0.05	0.22	0.75	1.02	1.02		NA	NA		NA	NA		NA	NA	
SR5	7/9/2017	Mid-Flood	Fine	Moderate	9:18	11	B	10	2	16			NA			NA			0.07	0.22	0.75	1.04			NA			NA			NA		
SR5	7/9/2017	Mid-Flood	Fine	Moderate	9:18	11	B	10	3										0.04	0.22	0.75	1.01											
SR12	7/9/2017	Mid-Flood	Fine	Moderate	7:18	15	S	1	1	8	8	11	0.15	0.15	0.17	0.004	0.004	0.005	NA	NA	NA	NA	NA	NA	780	809	801	NA	NA	NA	<1	1	1
SR12	7/9/2017	Mid-Flood	Fine	Moderate	7:18	15	S	1	2	8			0.15			0.004			NA	NA	NA	NA			840			NA			<1		
SR12	7/9/2017	Mid-Flood	Fine	Moderate	7:18	15	S	1	3										NA	NA	NA	NA											
SR12	7/9/2017	Mid-Flood	Fine	Moderate	7:18	15	M	7.5	1	8	9		0.16	0.17		0.005	0.005		NA	NA	NA	NA	NA		670	714		NA	NA		1	1	
SR12	7/9/2017	Mid-Flood	Fine	Moderate	7:18	15	M	7.5	2	9			0.17			0.005			NA	NA	NA	NA			760			NA			<1		
SR12	7/9/2017	Mid-Flood	Fine	Moderate	7:18	15	M	7.5	3										NA	NA	NA	NA											
SR12	7/9/2017	Mid-Flood	Fine	Moderate	7:18	15	B	14	1	15	15		0.18	0.19		0.005	0.005		NA	NA	NA	NA	NA		860	889		NA	NA		<1	1	
SR12	7/9/2017	Mid-Flood	Fine	Moderate	7:18	15	B	14	2	15			0.19			0.005			NA	NA	NA	NA			920			NA			1		
SR12	7/9/2017	Mid-Flood	Fine	Moderate	7:18	15	B	14	3										NA	NA	NA	NA											
SR13	7/9/2017	Mid-Flood	Fine	Moderate	6:55	14	S	1	1	6	6	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	7/9/2017	Mid-Flood	Fine	Moderate	6:55	14	S	1	2	5			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	7/9/2017	Mid-Flood	Fine	Moderate	6:55	14	S	1	3										NA	NA	NA	NA											
SR13	7/9/2017	Mid-Flood	Fine	Moderate	6:55	14	M	7	1	6	7		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	7/9/2017	Mid-Flood	Fine	Moderate	6:55	14	M	7	2	7			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	7/9/2017	Mid-Flood	Fine	Moderate	6:55	14	M	7	3										NA	NA	NA	NA											
SR13	7/9/2017	Mid-Flood	Fine	Moderate	6:55	14	B	13	1	8	7		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	7/9/2017	Mid-Flood	Fine	Moderate	6:55	14	B	13	2	6			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	7/9/2017	Mid-Flood	Fine	Moderate	6:55	14	B	13	3										NA	NA	NA	NA											

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
C1A	7/9/2017	Mid-Ebb	Fine	Moderate	9:45	28	S	1	1	7.74	7.74	25.55	25.55	27.62	27.62	72.7	72.8	4.97	4.98	4.91	10.2	10.3	10.5	0.03	0.03	0.03	0.001	0.001	0.001	0.03	0.16	0.64	0.83	0.83	0.83
C1A	7/9/2017	Mid-Ebb	Fine	Moderate	9:45	28	S	1	2	7.74		25.55		27.62		72.8		4.98			10.3			0.03			0.001			0.03	0.16	0.63	0.82		
C1A	7/9/2017	Mid-Ebb	Fine	Moderate	9:45	28	S	1	3																					0.03	0.17	0.63	0.83		
C1A	7/9/2017	Mid-Ebb	Fine	Moderate	9:45	28	M	14	1	7.74	7.74	25.80	25.80	27.54	27.54	71.7	71.8	4.90	4.80		10.3	10.4		0.03	0.03		0.001	0.001		0.03	0.16	0.64	0.83	0.83	
C1A	7/9/2017	Mid-Ebb	Fine	Moderate	9:45	28	M	14	2	7.74		25.80		27.54		71.8		4.80	4.85		10.4			0.03			0.001			0.03	0.16	0.64	0.83		
C1A	7/9/2017	Mid-Ebb	Fine	Moderate	9:45	28	M	14	3																					0.03	0.16	0.64	0.83		
C1A	7/9/2017	Mid-Ebb	Fine	Moderate	9:45	28	B	27	1	7.74	7.74	25.95	25.95	27.48	27.48	70.8	70.9	4.84	4.84		10.8	10.9		0.04	0.04		0.001	0.001		0.04	0.16	0.63	0.83	0.84	
C1A	7/9/2017	Mid-Ebb	Fine	Moderate	9:45	28	B	27	2	7.74		25.95		27.48		70.9		4.84			10.9			0.04			0.001			0.04	0.16	0.64	0.84		
C1A	7/9/2017	Mid-Ebb	Fine	Moderate	9:45	28	B	27	3																					0.04	0.16	0.65	0.85		
C2A	7/9/2017	Mid-Ebb	Fine	Moderate	12:25	13	S	1	1	7.78	7.78	28.30	28.30	27.22	27.22	68.1	68.1	4.62	4.61	4.57	7.3	7.3	7.4	0.25	0.25	0.23	0.008	0.008	0.007	0.25	0.09	0.44	0.78	0.78	0.76
C2A	7/9/2017	Mid-Ebb	Fine	Moderate	12:25	13	S	1	2	7.78		28.30		27.22		68.0		4.59			7.2			0.25			0.008			0.25	0.09	0.44	0.78		
C2A	7/9/2017	Mid-Ebb	Fine	Moderate	12:25	13	S	1	3																					0.25	0.09	0.44	0.78		
C2A	7/9/2017	Mid-Ebb	Fine	Moderate	12:25	13	M	6.5	1	7.78	7.78	28.43	28.43	27.19	27.19	66.7	66.8	4.52	4.53		7.4	7.5		0.25	0.25		0.008	0.008		0.25	0.09	0.44	0.78	0.77	
C2A	7/9/2017	Mid-Ebb	Fine	Moderate	12:25	13	M	6.5	2	7.78		28.43		27.19		66.8		4.53			7.5			0.25			0.008			0.25	0.09	0.44	0.78		
C2A	7/9/2017	Mid-Ebb	Fine	Moderate	12:25	13	M	6.5	3																					0.25	0.09	0.42	0.76		
C2A	7/9/2017	Mid-Ebb	Fine	Moderate	12:25	13	B	12	1	7.79	7.79	28.40	28.40	27.19	27.19	66.6	66.7	4.51	4.52		7.5	7.6		0.20	0.20		0.006	0.006		0.20	0.09	0.43	0.72	0.72	
C2A	7/9/2017	Mid-Ebb	Fine	Moderate	12:25	13	B	12	2	7.79		28.40		27.19		66.7		4.52			7.6			0.20			0.006			0.20	0.09	0.43	0.72		
C2A	7/9/2017	Mid-Ebb	Fine	Moderate	12:25	13	B	12	3																					0.20	0.09	0.44	0.73		
G2	7/9/2017	Mid-Ebb	Fine	Moderate	10:45	12	S	1	1	7.75	7.75	25.03	25.03	27.60	27.60	73.4	73.5	5.02	5.03	4.89	13.0	13.1	10.9	NA	NA	NA	NA	NA	NA	0.03	0.16	0.66	0.85	0.85	0.87
G2	7/9/2017	Mid-Ebb	Fine	Moderate	10:45	12	S	1	2	7.75		25.03		27.60		73.5		5.03			13.1			NA			NA			0.03	0.17	0.65	0.85		
G2	7/9/2017	Mid-Ebb	Fine	Moderate	10:45	12	S	1	3																					0.03	0.16	0.66	0.85		
G2	7/9/2017	Mid-Ebb	Fine	Moderate	10:45	12	M	6	1	7.77	7.77	26.69	26.69	27.31	27.31	69.6	69.7	4.76	4.76		10.0	10.1		NA	NA		NA	NA		0.04	0.17	0.65	0.86	0.86	
G2	7/9/2017	Mid-Ebb	Fine	Moderate	10:45	12	M	6	2	7.77		26.69		27.31		69.7		4.76			10.1			NA			NA			0.04	0.16	0.66	0.86		
G2	7/9/2017	Mid-Ebb	Fine	Moderate	10:45	12	M	6	3																					0.04	0.16	0.66	0.86		
G2	7/9/2017	Mid-Ebb	Fine	Moderate	10:45	12	B	11	1	7.77	7.77	27.60	27.60	27.22	27.22	69.0	69.1	4.69	4.69		9.5	9.6		NA	NA		NA	NA		0.10	0.17	0.65	0.92	0.91	
G2	7/9/2017	Mid-Ebb	Fine	Moderate	10:45	12	B	11	2	7.77		27.60		27.22		69.1		4.68			9.6			NA			NA			0.10	0.17	0.63	0.90		
G2	7/9/2017	Mid-Ebb	Fine	Moderate	10:45	12	B	11	3																					0.10	0.17	0.65	0.92		
SR2	7/9/2017	Mid-Ebb	Fine	Moderate	10:25	9	S	1	1	7.76	7.76	25.39	25.39	27.54	27.54	71.4	71.5	4.90	4.85	4.82	9.1	9.2	9.3	0.03	0.03	0.03	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA
SR2	7/9/2017	Mid-Ebb	Fine	Moderate	10:25	9	S	1	2	7.76		25.39		27.54		71.5		4.80			9.2			0.03			0.001			NA	NA	NA	NA		
SR2	7/9/2017	Mid-Ebb	Fine	Moderate	10:25	9	S	1	3																					NA	NA	NA	NA		
SR2	7/9/2017	Mid-Ebb	Fine	Moderate	10:25	9	M	4.5	1	7.75	7.75	26.95	26.95	27.33	27.34	70.0	70.1	4.78	4.79		9.2	9.3		0.02	0.02		0.001	0.001		NA	NA	NA	NA	NA	
SR2	7/9/2017	Mid-Ebb	Fine	Moderate	10:25	9	M	4.5	2	7.75		26.95		27.35		70.1		4.79			9.3			0.02			0.001			NA	NA	NA	NA		
SR2	7/9/2017	Mid-Ebb	Fine	Moderate	10:25	9	M	4.5	3																					NA	NA	NA	NA		
SR2	7/9/2017	Mid-Ebb	Fine	Moderate	10:25	9	B	8	1	7.75	7.75	27.53	27.53	27.26	27.27	69.5	69.6	4.72	4.72		9.4	9.5		0.03	0.03		0.001	0.001		NA	NA	NA	NA	NA	
SR2	7/9/2017	Mid-Ebb	Fine	Moderate	10:25	9	B	8	2	7.75		27.53		27.27		69.6		4.72			9.5			0.03			0.001			NA	NA	NA	NA		
SR2	7/9/2017	Mid-Ebb	Fine	Moderate	10:25	9	B	8	3																					NA	NA	NA	NA		
SR3	7/9/2017	Mid-Ebb	Fine	Moderate	11:10	8	S	1	1	7.73	7.73	24.25	24.25	27.66	27.66	73.8	73.9	5.08	5.09	4.89	9.0	9.1	10.6	0.01	0.01	0.01	0.000	0.000	0.000	NA	NA	NA	NA	NA	NA
SR3	7/9/2017	Mid-Ebb	Fine	Moderate	11:10	8	S	1	2	7.73		24.25		27.66		73.9		5.09			9.1			0.01			0.000			NA	NA	NA	NA		
SR3	7/9/2017	Mid-Ebb	Fine	Moderate	11:10	8	S	1	3																					NA	NA	NA	NA		
SR3	7/9/2017	Mid-Ebb	Fine	Moderate	11:10	8	M	4	1	7.74	7.74	26.68	26.68	27.30	27.30	68.8	68.9	4.69	4.69		10.4	10.5		0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA	
SR3	7/9/2017	Mid-Ebb	Fine	Moderate	11:10	8	M	4	2	7.74		26.68		27.30		68.9		4.68			10.5			0.01			0.000			NA	NA	NA	NA		
SR3	7/9/2017	Mid-Ebb	Fine	Moderate	11:10	8	M	4	3																					NA	NA	NA	NA		
SR3	7/9/2017	Mid-Ebb	Fine	Moderate	11:10	8	B	7	1	7.73	7.73	27.11	27.11	27.24	27.24	67.8	67.9	4.62	4.63		12.2	12.3		0.02	0.02		0.001	0.001		NA	NA	NA	NA	NA	
SR3	7/9/2017	Mid-Ebb	Fine	Moderate	11:10	8	B	7	2	7.73		27.11		27.24		67.9		4.63			12.3			0.02			0.001			NA	NA	NA	NA		
SR3	7/9/2017	Mid-Ebb	Fine	Moderate	11:10	8	B	7	3																					NA	NA	NA	NA		

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR4	7/9/2017	Mid-Ebb	Fine	Moderate	11:25	4	S	1	1	7.73	7.73	25.30	25.30	27.51	27.51	72.8	72.8	5.00	5.05	5.05	8.0	8.1	8.6	0.05	0.05	0.05	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA
SR4	7/9/2017	Mid-Ebb	Fine	Moderate	11:25	4	S	1	2	7.73		25.30		27.51		72.8		5.10			8.1			0.05			0.001			NA	NA	NA	NA		
SR4	7/9/2017	Mid-Ebb	Fine	Moderate	11:25	4	S	1	3																					NA	NA	NA	NA		
SR4	7/9/2017	Mid-Ebb	Fine	Moderate	11:25	4	M		1																					NA	NA	NA	NA		
SR4	7/9/2017	Mid-Ebb	Fine	Moderate	11:25	4	M		2		NA		NA		NA		NA		NA			NA			NA			NA		NA	NA	NA	NA	NA
SR4	7/9/2017	Mid-Ebb	Fine	Moderate	11:25	4	M		3																					NA	NA	NA	NA		
SR4	7/9/2017	Mid-Ebb	Fine	Moderate	11:25	4	B	3	1	7.73	7.73	26.03	26.03	27.40	27.40	71.3	71.3	4.88	4.88		9.1	9.1		0.05	0.05		0.001	0.001		NA	NA	NA	NA	NA	
SR4	7/9/2017	Mid-Ebb	Fine	Moderate	11:25	4	B	3	2	7.73		26.03		27.40		71.3		4.88			9.0			0.05			0.001			NA	NA	NA	NA		
SR4	7/9/2017	Mid-Ebb	Fine	Moderate	11:25	4	B	3	3																					NA	NA	NA	NA		
SR5	7/9/2017	Mid-Ebb	Fine	Moderate	10:05	11	S	1	1	7.75	7.75	25.89	25.89	27.51	27.51	82.7	82.6	5.34	5.32	5.08	9.2	9.3	10.1	NA	NA	NA	NA	NA	NA	0.01	0.22	0.73	0.96	0.97	0.98
SR5	7/9/2017	Mid-Ebb	Fine	Moderate	10:05	11	S	1	2	7.75		25.89		27.51		82.4		5.30			9.3			NA			NA			0.01	0.22	0.74	0.97		
SR5	7/9/2017	Mid-Ebb	Fine	Moderate	10:05	11	S	1	3																					0.01	0.22	0.74	0.97		
SR5	7/9/2017	Mid-Ebb	Fine	Moderate	10:05	11	M	5.5	1	7.76	7.76	27.65	27.65	27.21	27.21	70.9	70.9	4.83	4.84		9.8	9.9		NA	NA		NA	NA		0.01	0.22	0.74	0.97		
SR5	7/9/2017	Mid-Ebb	Fine	Moderate	10:05	11	M	5.5	2	7.76		27.65		27.21		70.8		4.84			9.9			NA			NA			0.01	0.21	0.74	0.96		
SR5	7/9/2017	Mid-Ebb	Fine	Moderate	10:05	11	M	5.5	3																					0.01	0.22	0.74	0.97		
SR5	7/9/2017	Mid-Ebb	Fine	Moderate	10:05	11	B	10	1	7.76	7.76	28.46	28.46	27.12	27.12	68.9	68.9	4.67	4.68		11.1	11.2		NA	NA		NA	NA		0.05	0.21	0.75	1.01	1.01	
SR5	7/9/2017	Mid-Ebb	Fine	Moderate	10:05	11	B	10	2	7.76		28.46		27.12		68.8		4.68			11.2			NA			NA			0.05	0.22	0.74	1.01		
SR5	7/9/2017	Mid-Ebb	Fine	Moderate	10:05	11	B	10	3																					0.05	0.22	0.73	1.00		
SR12	7/9/2017	Mid-Ebb	Fine	Moderate	11:49	15	S	1	1	7.74	7.74	27.65	27.65	27.25	27.25	69.1	69.1	4.70	4.75	4.68	8.4	8.5	8.6	0.15	0.15	0.16	0.004	0.004	0.005	NA	NA	NA	NA	NA	NA
SR12	7/9/2017	Mid-Ebb	Fine	Moderate	11:49	15	S	1	2	7.74		27.65		27.25		69.1		4.80			8.5			0.14			0.004			NA	NA	NA	NA		
SR12	7/9/2017	Mid-Ebb	Fine	Moderate	11:49	15	S	1	3																					NA	NA	NA	NA		
SR12	7/9/2017	Mid-Ebb	Fine	Moderate	11:49	15	M	7.5	1	7.74	7.74	27.96	27.96	27.19	27.19	67.5	67.6	4.59	4.60		8.6	8.7		0.15	0.14		0.004	0.004		NA	NA	NA	NA	NA	NA
SR12	7/9/2017	Mid-Ebb	Fine	Moderate	11:49	15	M	7.5	2	7.74		27.96		27.19		67.6		4.61			8.7			0.14			0.004			NA	NA	NA	NA		
SR12	7/9/2017	Mid-Ebb	Fine	Moderate	11:49	15	M	7.5	3																					NA	NA	NA	NA		
SR12	7/9/2017	Mid-Ebb	Fine	Moderate	11:49	15	B	14	1	7.74	7.74	28.20	28.30	27.15	27.15	66.5	66.6	4.51	4.53		8.6	8.7		0.19	0.19		0.005	0.005		NA	NA	NA	NA	NA	
SR12	7/9/2017	Mid-Ebb	Fine	Moderate	11:49	15	B	14	2	7.74		28.40		27.15		66.6		4.55			8.7			0.19			0.005			NA	NA	NA	NA		
SR12	7/9/2017	Mid-Ebb	Fine	Moderate	11:49	15	B	14	3																					NA	NA	NA	NA		
SR13	7/9/2017	Mid-Ebb	Fine	Moderate	12:10	14	S	1	1	7.73	7.73	28.52	28.52	27.17	27.17	64.7	64.8	4.38	4.39	4.42	8.4	8.5	8.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	7/9/2017	Mid-Ebb	Fine	Moderate	12:10	14	S	1	2	7.73		28.52		27.17		64.8		4.39			8.5			NA			NA			NA	NA	NA	NA		
SR13	7/9/2017	Mid-Ebb	Fine	Moderate	12:10	14	S	1	3																					NA	NA	NA	NA		
SR13	7/9/2017	Mid-Ebb	Fine	Moderate	12:10	14	M	7	1	7.73	7.73	28.40	28.40	27.18	27.18	65.0	65.1	4.40	4.45		8.7	8.8		NA	NA		NA	NA		NA	NA	NA	NA	NA	NA
SR13	7/9/2017	Mid-Ebb	Fine	Moderate	12:10	14	M	7	2	7.73		28.40		27.18		65.2		4.50			8.8			NA			NA			NA	NA	NA	NA		
SR13	7/9/2017	Mid-Ebb	Fine	Moderate	12:10	14	M	7	3																					NA	NA	NA	NA		
SR13	7/9/2017	Mid-Ebb	Fine	Moderate	12:10	14	B	13	1	7.74	7.74	28.11	28.11	27.24	27.24	66.4	66.4	4.51	4.52		8.2	8.3		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	7/9/2017	Mid-Ebb	Fine	Moderate	12:10	14	B	13	2	7.74		28.11		27.24		66.4		4.52			8.3			NA			NA			NA	NA	NA	NA		
SR13	7/9/2017	Mid-Ebb	Fine	Moderate	12:10	14	B	13	3																					NA	NA	NA	NA		

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
C1A	7/9/2017	Mid-Ebb	Fine	Moderate	9:45	28	S	1	1	8	8	7	0.03	0.03	0.03	0.001	0.001	0.001	0.03	0.16	0.64	0.83	0.82	0.83	130	140	148	NA	NA	NA	<1	1	1
C1A	7/9/2017	Mid-Ebb	Fine	Moderate	9:45	28	S	1	2	7			0.02			0.001			0.02	0.16	0.63	0.81			150			NA			<1		
C1A	7/9/2017	Mid-Ebb	Fine	Moderate	9:45	28	S	1	3										0.03	0.17	0.63	0.83											
C1A	7/9/2017	Mid-Ebb	Fine	Moderate	9:45	28	M	14	1	6	7		0.03			0.001			0.03	0.16	0.64	0.83	0.83		120			NA			<1		
C1A	7/9/2017	Mid-Ebb	Fine	Moderate	9:45	28	M	14	2	8			0.03			0.001			0.03	0.16	0.64	0.83			150			NA			<1		
C1A	7/9/2017	Mid-Ebb	Fine	Moderate	9:45	28	M	14	3										0.03	0.16	0.64	0.83											
C1A	7/9/2017	Mid-Ebb	Fine	Moderate	9:45	28	B	27	1	7	7		0.04	0.04		0.001	0.001		0.04	0.16	0.63	0.83	0.84		160	174		NA	NA		1	1	
C1A	7/9/2017	Mid-Ebb	Fine	Moderate	9:45	28	B	27	2	7			0.04			0.001			0.04	0.16	0.64	0.84			190			NA			1		
C1A	7/9/2017	Mid-Ebb	Fine	Moderate	9:45	28	B	27	3										0.04	0.16	0.65	0.85											
C2A	7/9/2017	Mid-Ebb	Fine	Moderate	12:25	13	S	1	1	6	7	6	0.24	0.25	0.23	0.008	0.008	0.007	0.24	0.09	0.44	0.77	0.78	0.76	250	278	237	NA	NA	NA	1	1	1
C2A	7/9/2017	Mid-Ebb	Fine	Moderate	12:25	13	S	1	2	7			0.26			0.008			0.26	0.09	0.44	0.79			310			NA			1		
C2A	7/9/2017	Mid-Ebb	Fine	Moderate	12:25	13	S	1	3										0.26	0.09	0.44	0.79											
C2A	7/9/2017	Mid-Ebb	Fine	Moderate	12:25	13	M	6.5	1	7	6		0.27	0.27		0.009	0.008		0.27	0.09	0.44	0.80	0.78		210	234		NA	NA		1	1	
C2A	7/9/2017	Mid-Ebb	Fine	Moderate	12:25	13	M	6.5	2	5			0.26			0.008			0.26	0.09	0.44	0.79			260			NA			1		
C2A	7/9/2017	Mid-Ebb	Fine	Moderate	12:25	13	M	6.5	3										0.25	0.09	0.42	0.76											
C2A	7/9/2017	Mid-Ebb	Fine	Moderate	12:25	13	B	12	1	6	6		0.18	0.19		0.006	0.006		0.18	0.09	0.43	0.70	0.71		190	204		NA	NA		1	1	
C2A	7/9/2017	Mid-Ebb	Fine	Moderate	12:25	13	B	12	2	6			0.19			0.006			0.19	0.09	0.43	0.71			220			NA			1		
C2A	7/9/2017	Mid-Ebb	Fine	Moderate	12:25	13	B	12	3										0.18	0.09	0.44	0.71											
G2	7/9/2017	Mid-Ebb	Fine	Moderate	10:45	12	S	1	1	5	5	5	NA	NA	NA	NA	NA	NA	0.02	0.16	0.66	0.84	0.85	0.87	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	7/9/2017	Mid-Ebb	Fine	Moderate	10:45	12	S	1	2	5			NA			NA			0.03	0.17	0.65	0.85			NA			NA			NA		
G2	7/9/2017	Mid-Ebb	Fine	Moderate	10:45	12	S	1	3										0.03	0.16	0.66	0.85											
G2	7/9/2017	Mid-Ebb	Fine	Moderate	10:45	12	M	6	1	4	4		NA	NA		NA	NA		0.04	0.17	0.65	0.86	0.87		NA	NA		NA	NA		NA	NA	
G2	7/9/2017	Mid-Ebb	Fine	Moderate	10:45	12	M	6	2	4			NA			NA			0.04	0.16	0.66	0.86			NA			NA			NA		
G2	7/9/2017	Mid-Ebb	Fine	Moderate	10:45	12	M	6	3										0.06	0.16	0.66	0.88											
G2	7/9/2017	Mid-Ebb	Fine	Moderate	10:45	12	B	11	1	4	5		NA	NA		NA	NA		0.08	0.17	0.65	0.90	0.88		NA	NA		NA	NA		NA	NA	
G2	7/9/2017	Mid-Ebb	Fine	Moderate	10:45	12	B	11	2	5			NA			NA			0.06	0.17	0.63	0.86			NA			NA			NA		
G2	7/9/2017	Mid-Ebb	Fine	Moderate	10:45	12	B	11	3										0.07	0.17	0.65	0.89											
SR2	7/9/2017	Mid-Ebb	Fine	Moderate	10:25	9	S	1	1	7	6	6	0.03	0.04	0.03	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	7/9/2017	Mid-Ebb	Fine	Moderate	10:25	9	S	1	2	5			0.04			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	7/9/2017	Mid-Ebb	Fine	Moderate	10:25	9	S	1	3										NA	NA	NA	NA											
SR2	7/9/2017	Mid-Ebb	Fine	Moderate	10:25	9	M	4.5	1	5	5		0.02	0.02		0.001	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	7/9/2017	Mid-Ebb	Fine	Moderate	10:25	9	M	4.5	2	5			0.02			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	7/9/2017	Mid-Ebb	Fine	Moderate	10:25	9	M	4.5	3										NA	NA	NA	NA											
SR2	7/9/2017	Mid-Ebb	Fine	Moderate	10:25	9	B	8	1	8	8		0.03	0.03		0.001	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	7/9/2017	Mid-Ebb	Fine	Moderate	10:25	9	B	8	2	7			0.03			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	7/9/2017	Mid-Ebb	Fine	Moderate	10:25	9	B	8	3										NA	NA	NA	NA											
SR3	7/9/2017	Mid-Ebb	Fine	Moderate	11:10	8	S	1	1	3	4	5	<0.01	0.01	0.02	0.000	0.000	0.000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	7/9/2017	Mid-Ebb	Fine	Moderate	11:10	8	S	1	2	4			<0.01			0.000			NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	7/9/2017	Mid-Ebb	Fine	Moderate	11:10	8	S	1	3										NA	NA	NA	NA											
SR3	7/9/2017	Mid-Ebb	Fine	Moderate	11:10	8	M	4	1	5	6		0.01	0.02		0.000	0.000		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	7/9/2017	Mid-Ebb	Fine	Moderate	11:10	8	M	4	2	6			0.02			0.001			NA	NA	NA	NA			NA			NA			NA		
SR3	7/9/2017	Mid-Ebb	Fine	Moderate	11:10	8	M	4	3										NA	NA	NA	NA											
SR3	7/9/2017	Mid-Ebb	Fine	Moderate	11:10	8	B	7	1	7	7		0.02	0.02		0.001	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	7/9/2017	Mid-Ebb	Fine	Moderate	11:10	8	B	7	2	6			0.02			0.001			NA	NA	NA	NA			NA			NA			NA		
SR3	7/9/2017	Mid-Ebb	Fine	Moderate	11:10	8	B	7	3										NA	NA	NA	NA											

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
SR4	7/9/2017	Mid-Ebb	Fine	Moderate	11:25	4	S	1	1	5	5	6	0.08	0.06	0.06	0.002	0.002	0.002	NA	NA	NA	NA	NA	NA	340	373	523	NA	NA	NA	<1	1	1
SR4	7/9/2017	Mid-Ebb	Fine	Moderate	11:25	4	S	1	2	5			0.04			0.001			NA	NA	NA	NA			410			NA			1		
SR4	7/9/2017	Mid-Ebb	Fine	Moderate	11:25	4	S	1	3										NA	NA	NA	NA											
SR4	7/9/2017	Mid-Ebb	Fine	Moderate	11:25	4	M		1		NA			NA			NA		NA	NA	NA	NA	NA			NA		NA	NA				
SR4	7/9/2017	Mid-Ebb	Fine	Moderate	11:25	4	M		2										NA	NA	NA	NA											
SR4	7/9/2017	Mid-Ebb	Fine	Moderate	11:25	4	M		3										NA	NA	NA	NA											
SR4	7/9/2017	Mid-Ebb	Fine	Moderate	11:25	4	B	3	1	8	8		0.07	0.07		0.002	0.002		NA	NA	NA	NA	NA		780	734		NA	NA		1	1	
SR4	7/9/2017	Mid-Ebb	Fine	Moderate	11:25	4	B	3	2	7			0.06			0.002			NA	NA	NA	NA			690			NA			1		
SR4	7/9/2017	Mid-Ebb	Fine	Moderate	11:25	4	B	3	3										NA	NA	NA	NA											
SR5	7/9/2017	Mid-Ebb	Fine	Moderate	10:05	11	S	1	1	7	8	10	NA	NA	NA	NA	NA	NA	<0.01	0.22	0.73	0.95	0.96	0.98	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	7/9/2017	Mid-Ebb	Fine	Moderate	10:05	11	S	1	2	8			NA			NA			<0.01	0.22	0.74	0.96			NA			NA			NA		
SR5	7/9/2017	Mid-Ebb	Fine	Moderate	10:05	11	S	1	3										<0.01	0.22	0.74	0.96											
SR5	7/9/2017	Mid-Ebb	Fine	Moderate	10:05	11	M	5.5	1	11	11		NA	NA		NA	NA		0.02	0.22	0.74	0.98	0.97		NA	NA		NA	NA		NA	NA	
SR5	7/9/2017	Mid-Ebb	Fine	Moderate	10:05	11	M	5.5	2	11			NA			NA			0.02	0.21	0.74	0.97			NA			NA			NA		
SR5	7/9/2017	Mid-Ebb	Fine	Moderate	10:05	11	M	5.5	3										<0.01	0.22	0.74	0.96											
SR5	7/9/2017	Mid-Ebb	Fine	Moderate	10:05	11	B	10	1	11	11		NA	NA		NA	NA		0.06	0.21	0.75	1.02	1.00		NA	NA		NA	NA		NA	NA	
SR5	7/9/2017	Mid-Ebb	Fine	Moderate	10:05	11	B	10	2	10			NA			NA			0.05	0.22	0.74	1.01			NA			NA			NA		
SR5	7/9/2017	Mid-Ebb	Fine	Moderate	10:05	11	B	10	3										0.03	0.22	0.73	0.98											
SR12	7/9/2017	Mid-Ebb	Fine	Moderate	11:49	15	S	1	1	6	6	6	0.15	0.15	0.16	0.004	0.004	0.005	NA	NA	NA	NA	NA	NA	680	700	1200	NA	NA	NA	<1	1	1
SR12	7/9/2017	Mid-Ebb	Fine	Moderate	11:49	15	S	1	2	6			0.14			0.004			NA	NA	NA	NA			720			NA			<1		
SR12	7/9/2017	Mid-Ebb	Fine	Moderate	11:49	15	S	1	3										NA	NA	NA	NA											
SR12	7/9/2017	Mid-Ebb	Fine	Moderate	11:49	15	M	7.5	1	5	5		0.15			0.004			NA	NA	NA	NA	NA		860			NA			1		
SR12	7/9/2017	Mid-Ebb	Fine	Moderate	11:49	15	M	7.5	2	5			0.14			0.004			NA	NA	NA	NA			790			NA			1		
SR12	7/9/2017	Mid-Ebb	Fine	Moderate	11:49	15	M	7.5	3										NA	NA	NA	NA											
SR12	7/9/2017	Mid-Ebb	Fine	Moderate	11:49	15	B	14	1	5	6		0.19	0.19		0.005	0.005		NA	NA	NA	NA	NA		3200	2993		NA	NA		1	1	
SR12	7/9/2017	Mid-Ebb	Fine	Moderate	11:49	15	B	14	2	6			0.19			0.005			NA	NA	NA	NA			2800			NA			1		
SR12	7/9/2017	Mid-Ebb	Fine	Moderate	11:49	15	B	14	3										NA	NA	NA	NA											
SR13	7/9/2017	Mid-Ebb	Fine	Moderate	12:10	14	S	1	1	6	6	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	7/9/2017	Mid-Ebb	Fine	Moderate	12:10	14	S	1	2	5			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	7/9/2017	Mid-Ebb	Fine	Moderate	12:10	14	S	1	3										NA	NA	NA	NA											
SR13	7/9/2017	Mid-Ebb	Fine	Moderate	12:10	14	M	7	1	8	8		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	7/9/2017	Mid-Ebb	Fine	Moderate	12:10	14	M	7	2	7			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	7/9/2017	Mid-Ebb	Fine	Moderate	12:10	14	M	7	3										NA	NA	NA	NA											
SR13	7/9/2017	Mid-Ebb	Fine	Moderate	12:10	14	B	13	1	8	8		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	7/9/2017	Mid-Ebb	Fine	Moderate	12:10	14	B	13	2	7			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	7/9/2017	Mid-Ebb	Fine	Moderate	12:10	14	B	13	3										NA	NA	NA	NA											

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
C1A	9/9/2017	Mid-Flood	Cloudy	Moderate	10:36	28	S	1	1	7.49	7.49	21.84	21.84	28.25	28.25	68.7	68.7	4.72	4.72	4.65	12.1	12.1	12.1	0.01	0.01	0.01	0.000	0.000	0.000	0.01	0.35	0.75	1.11	1.09	1.06
C1A	9/9/2017	Mid-Flood	Cloudy	Moderate	10:36	28	S	1	2	7.49		21.84		28.25		68.6		4.71			12.0			0.01			0.000			0.01	0.32	0.75	1.08		
C1A	9/9/2017	Mid-Flood	Cloudy	Moderate	10:36	28	S	1	3																					0.01	0.33	0.75	1.09		
C1A	9/9/2017	Mid-Flood	Cloudy	Moderate	10:36	28	M	14	1	7.69	7.69	24.71	24.71	27.85	27.85	67.0	67.0	4.58	4.58		15.8	15.7	15.8	0.01	0.01	0.01	0.000	0.000	0.000	0.01	0.25	0.78	1.04	1.04	
C1A	9/9/2017	Mid-Flood	Cloudy	Moderate	10:36	28	M	14	2	7.69		24.71		27.85		66.9		4.57			15.6			0.01			0.000			0.01	0.25	0.78	1.04		
C1A	9/9/2017	Mid-Flood	Cloudy	Moderate	10:36	28	M	14	3																					0.01	0.25	0.77	1.03		
C1A	9/9/2017	Mid-Flood	Cloudy	Moderate	10:36	28	B	27	1	7.73	7.73	25.56	25.56	27.74	27.74	66.3	66.4	4.54	4.55		19.8	19.8		0.01	0.01		0.000	0.000		0.01	0.29	0.76	1.06	1.06	
C1A	9/9/2017	Mid-Flood	Cloudy	Moderate	10:36	28	B	27	2	7.73		25.56		27.74		66.4		4.55			19.7			0.01			0.000			0.01	0.29	0.77	1.07		
C1A	9/9/2017	Mid-Flood	Cloudy	Moderate	10:36	28	B	27	3																					0.01	0.29	0.76	1.06		
C2A	9/9/2017	Mid-Flood	Fine	Moderate	7:30	13	S	1	1	7.91	7.91	27.98	27.98	27.38	27.38	67.8	67.9	4.58	4.59	4.44	3.7	3.9	3.9	0.25	0.25	0.25	0.011	0.011	0.011	0.25	0.10	0.44	0.79	0.79	0.72
C2A	9/9/2017	Mid-Flood	Fine	Moderate	7:30	13	S	1	2	7.91		27.98		27.38		67.9		4.59			4.0			0.25			0.011			0.25	0.10	0.45	0.80		
C2A	9/9/2017	Mid-Flood	Fine	Moderate	7:30	13	S	1	3																					0.25	0.11	0.43	0.79		
C2A	9/9/2017	Mid-Flood	Fine	Moderate	7:30	13	M	6.5	1	7.87	7.87	28.47	28.47	27.37	27.37	63.7	63.8	4.29	4.30		5.1	5.1	5.3	0.20	0.20	0.17	0.008	0.008	0.007	0.20	0.12	0.44	0.76	0.76	
C2A	9/9/2017	Mid-Flood	Fine	Moderate	7:30	13	M	6.5	2	7.87		28.47		27.37		63.8		4.30			5.0			0.20			0.008			0.20	0.13	0.43	0.76		
C2A	9/9/2017	Mid-Flood	Fine	Moderate	7:30	13	M	6.5	3																					0.20	0.13	0.43	0.76		
C2A	9/9/2017	Mid-Flood	Fine	Moderate	7:30	13	B	12	1	7.79	7.79	28.68	28.68	27.40	27.40	60.6	60.7	4.08	4.09		6.9	7.0		0.05	0.05		0.002	0.002		0.05	0.16	0.43	0.64	0.61	
C2A	9/9/2017	Mid-Flood	Fine	Moderate	7:30	13	B	12	2	7.79		28.68		27.40		60.7		4.09			7.0			0.05			0.002			0.05	0.11	0.42	0.58		
C2A	9/9/2017	Mid-Flood	Fine	Moderate	7:30	13	B	12	3																					0.05	0.12	0.43	0.60		
G2	9/9/2017	Mid-Flood	Cloudy	Moderate	9:26	12	S	1	1	7.62	7.62	27.79	27.79	28.14	28.14	71.7	71.8	4.93	4.94	4.84	9.2	9.2	10.1	NA	NA	NA	NA	NA	NA	0.01	0.31	0.71	1.03	1.02	1.04
G2	9/9/2017	Mid-Flood	Cloudy	Moderate	9:26	12	S	1	2	7.62		27.79		28.14		71.8		4.94			9.1			NA			NA			0.01	0.32	0.70	1.03		
G2	9/9/2017	Mid-Flood	Cloudy	Moderate	9:26	12	S	1	3																					0.01	0.28	0.72	1.01		
G2	9/9/2017	Mid-Flood	Cloudy	Moderate	9:26	12	M	6	1	7.70	7.70	24.19	24.19	27.89	27.89	69.1	69.2	4.74	4.75		9.9	10.0		NA	NA		NA	NA		0.01	0.32	0.70	1.03	1.05	
G2	9/9/2017	Mid-Flood	Cloudy	Moderate	9:26	12	M	6	2	7.70		24.19		27.89		69.2		4.75			10.0			NA			NA			0.01	0.34	0.71	1.06		
G2	9/9/2017	Mid-Flood	Cloudy	Moderate	9:26	12	M	6	3																					0.01	0.34	0.70	1.05		
G2	9/9/2017	Mid-Flood	Cloudy	Moderate	9:26	12	B	11	1	7.73	7.73	25.36	25.36	27.75	27.75	67.4	67.5	4.61	4.62		11.0	11.1		NA	NA		NA	NA		0.01	0.32	0.71	1.04	1.05	
G2	9/9/2017	Mid-Flood	Cloudy	Moderate	9:26	12	B	11	2	7.73		25.36		27.75		67.5		4.62			11.1			NA			NA			0.01	0.34	0.70	1.05		
G2	9/9/2017	Mid-Flood	Cloudy	Moderate	9:26	12	B	11	3																					0.01	0.33	0.71	1.05		
SR2	9/9/2017	Mid-Flood	Cloudy	Moderate	9:36	12	S	1	1	7.63	7.63	22.96	22.96	28.22	28.22	71.9	72.0	4.93	4.94	4.91	9.6	9.7	9.9	0.01	0.01	0.01	0.000	0.000	0.000	NA	NA	NA	NA	NA	NA
SR2	9/9/2017	Mid-Flood	Cloudy	Moderate	9:36	12	S	1	2	7.63		22.96		28.22		72.0		4.94			9.7			0.01			0.000			NA	NA	NA	NA		
SR2	9/9/2017	Mid-Flood	Cloudy	Moderate	9:36	12	S	1	3																					NA	NA	NA	NA		
SR2	9/9/2017	Mid-Flood	Cloudy	Moderate	9:36	12	M	6	1	7.71	7.71	23.09	23.09	28.07	28.07	70.8	70.9	4.87	4.88		9.2	9.3		0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA	NA
SR2	9/9/2017	Mid-Flood	Cloudy	Moderate	9:36	12	M	6	2	7.71		23.09		28.07		70.9		4.88			9.3			0.01			0.000			NA	NA	NA	NA		
SR2	9/9/2017	Mid-Flood	Cloudy	Moderate	9:36	12	M	6	3																					NA	NA	NA	NA		
SR2	9/9/2017	Mid-Flood	Cloudy	Moderate	9:36	12	B	11	1	7.75	7.75	25.37	25.37	27.74	27.74	67.4	67.5	4.59	4.59		10.9	10.9		0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA	
SR2	9/9/2017	Mid-Flood	Cloudy	Moderate	9:36	12	B	11	2	7.75		25.37		27.74		67.5		4.58			10.8			0.01			0.000			NA	NA	NA	NA		
SR2	9/9/2017	Mid-Flood	Cloudy	Moderate	9:36	12	B	11	3																					NA	NA	NA	NA		
SR3	9/9/2017	Mid-Flood	Cloudy	Moderate	9:11	8	S	1	1	7.38	7.38	22.43	22.43	28.24	28.24	72.9	73.0	5.02	5.04	5.02	8.9	8.9	9.0	0.05	0.05	0.05	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA
SR3	9/9/2017	Mid-Flood	Cloudy	Moderate	9:11	8	S	1	2	7.38		22.43		28.24		73.0		5.04			8.8			0.05			0.001			NA	NA	NA	NA		
SR3	9/9/2017	Mid-Flood	Cloudy	Moderate	9:11	8	S	1	3																					NA	NA	NA	NA		
SR3	9/9/2017	Mid-Flood	Cloudy	Moderate	9:11	8	M	4	1	7.66	7.66	22.67	22.67	28.16	28.16	72.6	72.7	5.00	5.01		9.3	9.3		0.05	0.05		0.001	0.001		NA	NA	NA	NA	NA	
SR3	9/9/2017	Mid-Flood	Cloudy	Moderate	9:11	8	M	4	2	7.66		22.67		28.16		72.7		5.01			9.2			0.05			0.001			NA	NA	NA	NA		
SR3	9/9/2017	Mid-Flood	Cloudy	Moderate	9:11	8	M	4	3																					NA	NA	NA	NA		
SR3	9/9/2017	Mid-Flood	Cloudy	Moderate	9:11	8	B	7	1	7.74	7.74	23.86	23.86	27.94	27.94	70.4	70.5	4.83	4.82		8.9	8.9		0.03	0.04		0.001	0.001		NA	NA	NA	NA	NA	
SR3	9/9/2017	Mid-Flood	Cloudy	Moderate	9:11	8	B	7	2	7.74		23.86		27.94		70.5		4.82			8.8			0.04			0.001			NA	NA	NA	NA		
SR3	9/9/2017	Mid-Flood	Cloudy	Moderate	9:11	8	B	7	3																					NA	NA	NA	NA		

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR4	9/9/2017	Mid-Flood	Cloudy	Moderate	8:46	4	S	1	1	7.64	7.64	25.18	25.18	27.84	27.84	69.6	69.7	4.76	4.77	4.77	9.1	9.2	9.8	0.01	0.01	0.03	0.000	0.000	0.001	NA	NA	NA	NA	NA	NA
SR4	9/9/2017	Mid-Flood	Cloudy	Moderate	8:46	4	S	1	2	7.64		25.18		27.84		69.7		4.77			9.2			0.01			0.000			NA	NA	NA	NA		
SR4	9/9/2017	Mid-Flood	Cloudy	Moderate	8:46	4	S	1	3																					NA	NA	NA	NA		
SR4	9/9/2017	Mid-Flood	Cloudy	Moderate	8:46	4	M		1																					NA	NA	NA	NA		
SR4	9/9/2017	Mid-Flood	Cloudy	Moderate	8:46	4	M		2		NA		NA		NA		NA		NA			NA			NA			NA		NA	NA	NA	NA	NA
SR4	9/9/2017	Mid-Flood	Cloudy	Moderate	8:46	4	M		3																					NA	NA	NA	NA		
SR4	9/9/2017	Mid-Flood	Cloudy	Moderate	8:46	4	B	3	1	7.73	7.73	26.08	26.08	27.68	27.68	66.7	66.8	4.54	4.55		10.4	10.5	10.3	0.05	0.06	NA	0.001	0.002	0.03	NA	NA	NA	NA	NA	NA
SR4	9/9/2017	Mid-Flood	Cloudy	Moderate	8:46	4	B	3	2	7.73		26.08		27.68		66.8		4.55			10.5			0.06			0.002			NA	NA	NA	NA		
SR4	9/9/2017	Mid-Flood	Cloudy	Moderate	8:46	4	B	3	3																					NA	NA	NA	NA		
SR5	9/9/2017	Mid-Flood	Cloudy	Moderate	10:11	11	S	1	1	7.86	7.86	25.28	25.28	27.80	27.80	68.1	68.2	4.64	4.65	4.60	9.4	9.4	10.3	NA	NA	NA	NA	NA	NA	0.05	0.25	0.69	0.99	0.99	0.97
SR5	9/9/2017	Mid-Flood	Cloudy	Moderate	10:11	11	S	1	2	7.86		25.28		27.80		68.2		4.65			9.3			NA			NA			0.05	0.25	0.69	0.99		
SR5	9/9/2017	Mid-Flood	Cloudy	Moderate	10:11	11	S	1	3																					0.05	0.24	0.69	0.98		
SR5	9/9/2017	Mid-Flood	Cloudy	Moderate	10:11	11	M	5.5	1	7.73	7.73	26.03	26.03	27.69	27.69	66.8	66.8	4.55	4.55		10.6	10.6		NA	NA		NA	NA		0.01	0.26	0.68	0.95	0.95	
SR5	9/9/2017	Mid-Flood	Cloudy	Moderate	10:11	11	M	5.5	2	7.73		26.03		27.69		66.7		4.54			10.5			NA			NA			0.01	0.26	0.68	0.95		
SR5	9/9/2017	Mid-Flood	Cloudy	Moderate	10:11	11	M	5.5	3																					0.01	0.27	0.68	0.96		
SR5	9/9/2017	Mid-Flood	Cloudy	Moderate	10:11	11	B	10	1	7.76	7.76	27.00	27.00	27.56	27.56	65.9	65.9	4.48	4.48		11.1	11.1		NA	NA		NA	NA		0.01	0.26	0.68	0.95	0.96	
SR5	9/9/2017	Mid-Flood	Cloudy	Moderate	10:11	11	B	10	2	7.76		27.00		27.56		65.8		4.47			11.0			NA			NA			0.01	0.26	0.69	0.96		
SR5	9/9/2017	Mid-Flood	Cloudy	Moderate	10:11	11	B	10	3																					0.01	0.26	0.69	0.96		
SR12	9/9/2017	Mid-Flood	Fine	Moderate	8:19	15	S	1	1	7.66	7.66	25.18	25.18	27.82	27.82	69.6	69.7	4.76	4.77	4.61	9.3	9.4	9.9	0.10	0.10	0.10	0.003	0.003	0.003	NA	NA	NA	NA	NA	NA
SR12	9/9/2017	Mid-Flood	Fine	Moderate	8:19	15	S	1	2	7.66		25.18		27.82		69.7		4.77			9.4			0.10			0.003			NA	NA	NA	NA		
SR12	9/9/2017	Mid-Flood	Fine	Moderate	8:19	15	S	1	3																					NA	NA	NA	NA		
SR12	9/9/2017	Mid-Flood	Fine	Moderate	8:19	15	M	7.5	1	7.74	7.74	26.93	26.93	27.57	27.57	65.5	65.6	4.44	4.45		9.6	9.7		0.10	0.10		0.003	0.003		NA	NA	NA	NA	NA	NA
SR12	9/9/2017	Mid-Flood	Fine	Moderate	8:19	15	M	7.5	2	7.74		26.93		27.57		65.6		4.45			9.7			0.10			0.003			NA	NA	NA	NA		
SR12	9/9/2017	Mid-Flood	Fine	Moderate	8:19	15	M	7.5	3																					NA	NA	NA	NA		
SR12	9/9/2017	Mid-Flood	Fine	Moderate	8:19	15	B	14	1	7.74	7.74	27.71	27.71	27.48	27.48	64.0	64.1	4.33	4.34		10.6	10.6		0.10	0.10		0.003	0.003		NA	NA	NA	NA	NA	
SR12	9/9/2017	Mid-Flood	Fine	Moderate	8:19	15	B	14	2	7.74		27.71		27.48		64.1		4.34			10.5			0.10			0.003			NA	NA	NA	NA		
SR12	9/9/2017	Mid-Flood	Fine	Moderate	8:19	15	B	14	3																					NA	NA	NA	NA		
SR13	9/9/2017	Mid-Flood	Fine	Moderate	7:58	14	S	1	1	7.64	7.64	27.00	27.00	27.58	27.58	67.8	67.9	4.59	4.59	4.53	4.4	4.4	6.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	9/9/2017	Mid-Flood	Fine	Moderate	7:58	14	S	1	2	7.64		27.00		27.58		67.9		4.58			4.3			NA			NA			NA	NA	NA	NA		
SR13	9/9/2017	Mid-Flood	Fine	Moderate	7:58	14	S	1	3																					NA	NA	NA	NA		
SR13	9/9/2017	Mid-Flood	Fine	Moderate	7:58	14	M	7	1	7.78	7.78	27.38	27.38	27.55	27.55	66.0	66.0	4.47	4.48		5.8	5.9		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	9/9/2017	Mid-Flood	Fine	Moderate	7:58	14	M	7	2	7.78		27.38		27.55		65.9		4.48			5.9			NA			NA			NA	NA	NA	NA		
SR13	9/9/2017	Mid-Flood	Fine	Moderate	7:58	14	M	7	3																					NA	NA	NA	NA		
SR13	9/9/2017	Mid-Flood	Fine	Moderate	7:58	14	B	13	1	7.81	7.81	27.55	27.55	27.54	27.54	65.6	65.7	4.43	4.44		9.3	9.4		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	9/9/2017	Mid-Flood	Fine	Moderate	7:58	14	B	13	2	7.81		27.55		27.54		65.7		4.44			9.4			NA			NA			NA	NA	NA	NA		
SR13	9/9/2017	Mid-Flood	Fine	Moderate	7:58	14	B	13	3																					NA	NA	NA	NA		

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
C1A	9/9/2017	Mid-Flood	Cloudy	Moderate	10:36	28	S	1	1	6	6	6	<0.01	0.02	0.02	0.000	0.000	0.000	<0.01	0.35	0.75	1.10	1.09	1.06	45	48	27	NA	NA	NA	<1	1	1
C1A	9/9/2017	Mid-Flood	Cloudy	Moderate	10:36	28	S	1	2	6			0.02			0.000			0.02	0.32	0.75	1.09			51			NA			<1		
C1A	9/9/2017	Mid-Flood	Cloudy	Moderate	10:36	28	S	1	3										0.01	0.33	0.75	1.09											
C1A	9/9/2017	Mid-Flood	Cloudy	Moderate	10:36	28	M	14	1	6			0.01			0.000			0.01	0.25	0.78	1.04			34			NA			<1		
C1A	9/9/2017	Mid-Flood	Cloudy	Moderate	10:36	28	M	14	2	6			0.03			0.001			0.03	0.25	0.78	1.06			28			NA			<1		
C1A	9/9/2017	Mid-Flood	Cloudy	Moderate	10:36	28	M	14	3										<0.01	0.25	0.77	1.02											
C1A	9/9/2017	Mid-Flood	Cloudy	Moderate	10:36	28	B	27	1	5	5		<0.01	0.01		0.000	0.000		<0.01	0.29	0.76	1.05	1.05		12	14		NA	NA		<1	1	
C1A	9/9/2017	Mid-Flood	Cloudy	Moderate	10:36	28	B	27	2	5			<0.01			0.000			<0.01	0.29	0.77	1.06			16			NA			<1		
C1A	9/9/2017	Mid-Flood	Cloudy	Moderate	10:36	28	B	27	3										<0.01	0.29	0.76	1.05											
C2A	9/9/2017	Mid-Flood	Fine	Moderate	7:30	13	S	1	1	3	3	4	0.25	0.26	0.16	0.011	0.011	0.007	0.25	0.10	0.44	0.79	0.80	0.72	18	20	69	NA	NA	NA	<1	1	1
C2A	9/9/2017	Mid-Flood	Fine	Moderate	7:30	13	S	1	2	3			0.27			0.012			0.27	0.10	0.45	0.82			23			NA			<1		
C2A	9/9/2017	Mid-Flood	Fine	Moderate	7:30	13	S	1	3										0.25	0.11	0.43	0.79											
C2A	9/9/2017	Mid-Flood	Fine	Moderate	7:30	13	M	6.5	1	4	4		0.19	0.19		0.007	0.007		0.19	0.12	0.44	0.75	0.75		54	64		NA	NA		<1	1	
C2A	9/9/2017	Mid-Flood	Fine	Moderate	7:30	13	M	6.5	2	3			0.19			0.007			0.19	0.13	0.43	0.75			77			NA			<1		
C2A	9/9/2017	Mid-Flood	Fine	Moderate	7:30	13	M	6.5	3										0.20	0.13	0.43	0.76											
C2A	9/9/2017	Mid-Flood	Fine	Moderate	7:30	13	B	12	1	4	5		0.02	0.04		0.001	0.001		0.02	0.16	0.43	0.61	0.60		230	254		NA	NA		<1	1	
C2A	9/9/2017	Mid-Flood	Fine	Moderate	7:30	13	B	12	2	5			0.06			0.002			0.06	0.11	0.42	0.59			280			NA			<1		
C2A	9/9/2017	Mid-Flood	Fine	Moderate	7:30	13	B	12	3										0.04	0.12	0.43	0.59											
G2	9/9/2017	Mid-Flood	Cloudy	Moderate	9:26	12	S	1	1	5	5	5	NA	NA	NA	NA	NA	NA	<0.01	0.31	0.71	1.02	1.01	1.04	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	9/9/2017	Mid-Flood	Cloudy	Moderate	9:26	12	S	1	2	5			NA			NA			<0.01	0.32	0.70	1.02			NA			NA			NA		
G2	9/9/2017	Mid-Flood	Cloudy	Moderate	9:26	12	S	1	3										<0.01	0.28	0.72	1.00											
G2	9/9/2017	Mid-Flood	Cloudy	Moderate	9:26	12	M	6	1	5			NA			NA			0.01	0.32	0.70	1.03			NA			NA			NA		
G2	9/9/2017	Mid-Flood	Cloudy	Moderate	9:26	12	M	6	2	5			NA			NA			<0.01	0.34	0.71	1.05			NA			NA			NA		
G2	9/9/2017	Mid-Flood	Cloudy	Moderate	9:26	12	M	6	3										0.03	0.34	0.70	1.07											
G2	9/9/2017	Mid-Flood	Cloudy	Moderate	9:26	12	B	11	1	6	6		NA	NA		NA	NA		<0.01	0.32	0.71	1.03	1.06		NA	NA		NA	NA		NA	NA	
G2	9/9/2017	Mid-Flood	Cloudy	Moderate	9:26	12	B	11	2	6			NA			NA			0.03	0.34	0.70	1.07			NA			NA			NA		
G2	9/9/2017	Mid-Flood	Cloudy	Moderate	9:26	12	B	11	3										0.03	0.33	0.71	1.07											
SR2	9/9/2017	Mid-Flood	Cloudy	Moderate	9:36	12	S	1	1	7	7	7	<0.01	0.01	0.01	0.000	0.000	0.000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	9/9/2017	Mid-Flood	Cloudy	Moderate	9:36	12	S	1	2	6			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR2	9/9/2017	Mid-Flood	Cloudy	Moderate	9:36	12	S	1	3										NA	NA	NA	NA											
SR2	9/9/2017	Mid-Flood	Cloudy	Moderate	9:36	12	M	6	1	6			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR2	9/9/2017	Mid-Flood	Cloudy	Moderate	9:36	12	M	6	2	7			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR2	9/9/2017	Mid-Flood	Cloudy	Moderate	9:36	12	M	6	3										NA	NA	NA	NA											
SR2	9/9/2017	Mid-Flood	Cloudy	Moderate	9:36	12	B	11	1	8	7		0.01	0.01		0.000	0.000		NA	NA	NA	NA			NA			NA			NA		
SR2	9/9/2017	Mid-Flood	Cloudy	Moderate	9:36	12	B	11	2	6			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR2	9/9/2017	Mid-Flood	Cloudy	Moderate	9:36	12	B	11	3										NA	NA	NA	NA											
SR3	9/9/2017	Mid-Flood	Cloudy	Moderate	9:11	8	S	1	1	4	4	4	0.04	0.05	0.04	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	9/9/2017	Mid-Flood	Cloudy	Moderate	9:11	8	S	1	2	4			0.06			0.001			NA	NA	NA	NA			NA			NA			NA		
SR3	9/9/2017	Mid-Flood	Cloudy	Moderate	9:11	8	S	1	3										NA	NA	NA	NA											
SR3	9/9/2017	Mid-Flood	Cloudy	Moderate	9:11	8	M	4	1	3	3		<0.01	0.04		0.000	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	9/9/2017	Mid-Flood	Cloudy	Moderate	9:11	8	M	4	2	3			0.06			0.002			NA	NA	NA	NA			NA			NA			NA		
SR3	9/9/2017	Mid-Flood	Cloudy	Moderate	9:11	8	M	4	3										NA	NA	NA	NA											
SR3	9/9/2017	Mid-Flood	Cloudy	Moderate	9:11	8	B	7	1	4	4		0.03	0.04		0.001	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	9/9/2017	Mid-Flood	Cloudy	Moderate	9:11	8	B	7	2	4			0.04			0.001			NA	NA	NA	NA			NA			NA			NA		
SR3	9/9/2017	Mid-Flood	Cloudy	Moderate	9:11	8	B	7	3										NA	NA	NA	NA											

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
SR4	9/9/2017	Mid-Flood	Cloudy	Moderate	8:46	4	S	1	1	7	7	6	<0.01	0.01	0.04	0.000	0.000	0.001	NA	NA	NA	NA	NA	NA	180	194	310	NA	NA	NA	<1	1	1
SR4	9/9/2017	Mid-Flood	Cloudy	Moderate	8:46	4	S	1	2	6			<0.01			0.000			NA	NA	NA	NA			210			NA			<1		
SR4	9/9/2017	Mid-Flood	Cloudy	Moderate	8:46	4	S	1	3										NA	NA	NA	NA											
SR4	9/9/2017	Mid-Flood	Cloudy	Moderate	8:46	4	M		1										NA	NA	NA	NA						NA					
SR4	9/9/2017	Mid-Flood	Cloudy	Moderate	8:46	4	M		2		NA			NA			NA		NA	NA	NA	NA	NA	NA		NA		NA	NA	NA		NA	
SR4	9/9/2017	Mid-Flood	Cloudy	Moderate	8:46	4	M		3										NA	NA	NA	NA											
SR4	9/9/2017	Mid-Flood	Cloudy	Moderate	8:46	4	B	3	1	5	6		0.07	0.07		0.002	0.002		NA	NA	NA	NA	NA		470	494		NA	NA		<1	1	
SR4	9/9/2017	Mid-Flood	Cloudy	Moderate	8:46	4	B	3	2	6			0.06			0.002			NA	NA	NA	NA			520			NA			<1		
SR4	9/9/2017	Mid-Flood	Cloudy	Moderate	8:46	4	B	3	3										NA	NA	NA	NA											
SR5	9/9/2017	Mid-Flood	Cloudy	Moderate	10:11	11	S	1	1	4	4	5	NA	NA	NA	NA	NA	NA	0.04	0.25	0.69	0.98	0.98	0.98	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	9/9/2017	Mid-Flood	Cloudy	Moderate	10:11	11	S	1	2	4			NA			NA			0.03	0.25	0.69	0.97			NA			NA			NA		
SR5	9/9/2017	Mid-Flood	Cloudy	Moderate	10:11	11	S	1	3										0.05	0.24	0.69	0.98											
SR5	9/9/2017	Mid-Flood	Cloudy	Moderate	10:11	11	M	5.5	1	5	5		NA	NA	NA	NA	NA	NA	<0.01	0.26	0.68	0.94	0.94	0.96	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	9/9/2017	Mid-Flood	Cloudy	Moderate	10:11	11	M	5.5	2	5			NA			NA			<0.01	0.26	0.68	0.94			NA			NA			NA		
SR5	9/9/2017	Mid-Flood	Cloudy	Moderate	10:11	11	M	5.5	3										<0.01	0.27	0.68	0.95											
SR5	9/9/2017	Mid-Flood	Cloudy	Moderate	10:11	11	B	10	1	6	6		NA	NA		NA	NA		<0.01	0.26	0.68	0.94	0.95		NA	NA		NA	NA		NA	NA	
SR5	9/9/2017	Mid-Flood	Cloudy	Moderate	10:11	11	B	10	2	5			NA			NA			<0.01	0.26	0.69	0.95			NA			NA			NA		
SR5	9/9/2017	Mid-Flood	Cloudy	Moderate	10:11	11	B	10	3										<0.01	0.26	0.69	0.95											
SR12	9/9/2017	Mid-Flood	Fine	Moderate	8:19	15	S	1	1	4	3	3	0.08	0.09	0.09	0.002	0.002	0.002	NA	NA	NA	NA	NA	NA	130	140	189	NA	NA	NA	<1	1	1
SR12	9/9/2017	Mid-Flood	Fine	Moderate	8:19	15	S	1	2	2			0.09			0.002			NA	NA	NA	NA			150			NA			<1		
SR12	9/9/2017	Mid-Flood	Fine	Moderate	8:19	15	S	1	3										NA	NA	NA	NA											
SR12	9/9/2017	Mid-Flood	Fine	Moderate	8:19	15	M	7.5	1	2	3		0.10			0.003			NA	NA	NA	NA	NA		140			NA			<1		
SR12	9/9/2017	Mid-Flood	Fine	Moderate	8:19	15	M	7.5	2	3			0.08			0.002			NA	NA	NA	NA			180			NA			<1		
SR12	9/9/2017	Mid-Flood	Fine	Moderate	8:19	15	M	7.5	3										NA	NA	NA	NA											
SR12	9/9/2017	Mid-Flood	Fine	Moderate	8:19	15	B	14	1	3	4		0.09	0.08		0.003	0.002		NA	NA	NA	NA	NA		320	305		NA	NA		<1	1	
SR12	9/9/2017	Mid-Flood	Fine	Moderate	8:19	15	B	14	2	4			0.07			0.002			NA	NA	NA	NA			290			NA			<1		
SR12	9/9/2017	Mid-Flood	Fine	Moderate	8:19	15	B	14	3										NA	NA	NA	NA											
SR13	9/9/2017	Mid-Flood	Fine	Moderate	7:58	14	S	1	1	5	5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	9/9/2017	Mid-Flood	Fine	Moderate	7:58	14	S	1	2	4			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	9/9/2017	Mid-Flood	Fine	Moderate	7:58	14	S	1	3										NA	NA	NA	NA											
SR13	9/9/2017	Mid-Flood	Fine	Moderate	7:58	14	M	7	1	4	5		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	9/9/2017	Mid-Flood	Fine	Moderate	7:58	14	M	7	2	5			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	9/9/2017	Mid-Flood	Fine	Moderate	7:58	14	M	7	3										NA	NA	NA	NA											
SR13	9/9/2017	Mid-Flood	Fine	Moderate	7:58	14	B	13	1	6	7		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	9/9/2017	Mid-Flood	Fine	Moderate	7:58	14	B	13	2	7			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	9/9/2017	Mid-Flood	Fine	Moderate	7:58	14	B	13	3										NA	NA	NA	NA											

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
C1A	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:20	28	S	1	1	7.64	7.64	24.12	24.12	27.93	27.93	67.5	67.5	4.62	4.62	4.59	14.2	14.2	18.0	0.01	0.01	0.01	0.000	0.000	0.000	0.01	0.27	0.77	1.05	1.08	1.06
C1A	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:20	28	S	1	2	7.64		24.12		27.93		67.4		4.61			14.1			0.01			0.000			0.01	0.31	0.77	1.09		
C1A	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:20	28	S	1	3																					0.01	0.36	0.74	1.11		
C1A	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:20	28	M	14	1	7.71	7.71	25.23	25.23	27.78	27.78	66.7	66.8	4.56	4.57		17.7	17.8		0.01	0.01		0.000	0.000		0.01	0.26	0.77	1.04	1.04	
C1A	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:20	28	M	14	2	7.71		25.23		27.78		66.8		4.57			17.8			0.01			0.000			0.01	0.25	0.77	1.03		
C1A	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:20	28	M	14	3																					0.01	0.25	0.78	1.04		
C1A	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:20	28	B	27	1	7.73	7.73	25.91	25.91	27.68	27.68	66.2	66.2	4.51	4.51		22.2	22.2		0.01	0.01		0.000	0.000		0.01	0.29	0.75	1.05	1.05	
C1A	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:20	28	B	27	2	7.73		25.91		27.68		66.1		4.50			22.1			0.01			0.000			0.01	0.28	0.77	1.06		
C1A	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:20	28	B	27	3																					0.01	0.24	0.80	1.05		
C2A	9/9/2017	Mid-Ebb	Cloudy	Moderate	13:29	13	S	1	1	7.92	7.92	28.20	28.20	27.37	27.37	66.7	66.8	4.51	4.52	4.35	4.6	4.6	6.0	0.30	0.30	0.18	0.013	0.013	0.007	0.30	0.10	0.44	0.84	0.85	0.74
C2A	9/9/2017	Mid-Ebb	Cloudy	Moderate	13:29	13	S	1	2	7.92		28.20		27.37		66.8		4.52			4.5	4.6		0.30			0.013			0.30	0.11	0.44	0.85		
C2A	9/9/2017	Mid-Ebb	Cloudy	Moderate	13:29	13	S	1	3																					0.30	0.11	0.44	0.85		
C2A	9/9/2017	Mid-Ebb	Cloudy	Moderate	13:29	13	M	6.5	1	7.82	7.82	28.58	28.58	27.38	27.38	61.9	62.0	4.18	4.19		6.4	6.5		0.20	0.20		0.007	0.007		0.20	0.12	0.44	0.76	0.75	
C2A	9/9/2017	Mid-Ebb	Cloudy	Moderate	13:29	13	M	6.5	2	7.82		28.58		27.38		62.0		4.19			6.5			0.20			0.007			0.20	0.11	0.44	0.75		
C2A	9/9/2017	Mid-Ebb	Cloudy	Moderate	13:29	13	M	6.5	3																					0.20	0.13	0.42	0.75		
C2A	9/9/2017	Mid-Ebb	Cloudy	Moderate	13:29	13	B	12	1	7.78	7.78	28.74	28.74	27.40	27.40	59.8	59.8	4.03	4.03		6.9	6.9		0.05	0.05		0.002	0.002		0.05	0.14	0.44	0.63	0.62	
C2A	9/9/2017	Mid-Ebb	Cloudy	Moderate	13:29	13	B	12	2	7.78		28.74		27.40		59.7		4.02			6.8			0.05			0.002			0.05	0.09	0.48	0.62		
C2A	9/9/2017	Mid-Ebb	Cloudy	Moderate	13:29	13	B	12	3																					0.05	0.11	0.44	0.60		
G2	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:08	12	S	1	1	7.67	7.67	23.05	23.05	28.05	28.05	70.5	70.6	4.87	4.88	4.77	9.3	9.3	10.3	NA	NA	NA	NA	NA	NA	0.01	0.27	0.71	0.99	1.01	1.03
G2	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:08	12	S	1	2	7.67		23.05		28.05		70.6		4.88			9.2			NA			NA			0.01	0.28	0.71	1.00		
G2	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:08	12	S	1	3																					0.01	0.30	0.72	1.03		
G2	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:08	12	M	6	1	7.72	7.72	24.88	24.88	27.81	27.81	68.2	68.2	4.66	4.66		10.5	10.5		NA	NA		NA	NA		0.01	0.34	0.70	1.05	1.04	
G2	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:08	12	M	6	2	7.72		24.88		27.81		68.1		4.65			10.4			NA			NA			0.01	0.32	0.70	1.03		
G2	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:08	12	M	6	3																					0.01	0.33	0.70	1.04		
G2	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:08	12	B	11	1	7.74	7.74	26.02	26.02	27.66	27.66	66.7	66.8	4.55	4.55		11.1	11.2		NA	NA		NA	NA		0.02	0.33	0.70	1.05	1.05	
G2	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:08	12	B	11	2	7.74		26.02		27.66		66.8		4.54			11.2			NA			NA			0.02	0.33	0.70	1.05		
G2	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:08	12	B	11	3																					0.02	0.33	0.71	1.06		
SR2	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:55	9	S	1	1	7.69	7.69	22.97	22.97	28.13	28.13	71.2	71.2	4.90	4.90	4.82	10.0	9.9	10.4	0.01	0.01	0.01	0.000	0.000	0.000	NA	NA	NA	NA	NA	NA
SR2	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:55	9	S	1	2	7.69		22.97		28.13		71.1		4.89			9.9			0.01			0.000			NA	NA	NA	NA		
SR2	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:55	9	S	1	3																					NA	NA	NA	NA		
SR2	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:55	9	M	4.5	1	7.72	7.72	24.18	24.18	27.91	27.91	69.1	69.2	4.73	4.74		10.6	10.6		0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA	NA
SR2	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:55	9	M	4.5	2	7.72		24.18		27.91		69.2		4.74			10.5			0.01			0.000			NA	NA	NA	NA		
SR2	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:55	9	M	4.5	3																					NA	NA	NA	NA		
SR2	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:55	9	B	8	1	7.76	7.76	27.46	27.46	27.49	27.49	65.1	65.2	4.41	4.42		10.5	10.6		0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA	
SR2	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:55	9	B	8	2	7.76		27.46		27.49		65.2		4.42			10.6			0.01			0.000			NA	NA	NA	NA		
SR2	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:55	9	B	8	3																					NA	NA	NA	NA		
SR3	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:21	8	S	1	1	7.71	7.71	22.88	22.88	28.10	28.10	72.4	72.5	4.98	4.99	4.93	9.2	9.3	9.3	0.04	0.04	0.04	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA
SR3	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:21	8	S	1	2	7.71		22.88		28.10		72.5		4.99			9.3			0.03			0.001			NA	NA	NA	NA		
SR3	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:21	8	S	1	3																					NA	NA	NA	NA		
SR3	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:21	8	M	4	1	7.72	7.72	23.41	23.41	28.01	28.01	70.9	70.8	4.87	4.86		9.1	9.2		0.04	0.04		0.001	0.001		NA	NA	NA	NA	NA	
SR3	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:21	8	M	4	2	7.72		23.41		28.01		70.8		4.86			9.2			0.04			0.001			NA	NA	NA	NA		
SR3	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:21	8	M	4	3																					NA	NA	NA	NA		
SR3	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:21	8	B	7	1	7.74	7.74	24.06	24.06	27.91	27.91	70.1	70.2	4.81	4.82		9.4	9.5		0.05	0.05		0.002	0.002		NA	NA	NA	NA	NA	
SR3	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:21	8	B	7	2	7.74		24.06		27.91		70.2		4.82			9.5			0.05			0.002			NA	NA	NA	NA		
SR3	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:21	8	B	7	3																					NA	NA	NA	NA		

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR4	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:30	4	S	1	1	7.62	7.62	23.89	23.89	27.82	27.82	67.8	67.9	4.64	4.65	4.65	9.8	9.8	9.9	0.05	0.05	0.05	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA
SR4	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:30	4	S	1	2	7.62		23.89		27.82		67.9		4.65			9.7			0.05			0.001			NA	NA	NA	NA		
SR4	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:30	4	S	1	3																					NA	NA	NA	NA		
SR4	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:30	4	M		1		NA		NA		NA		NA		NA			NA			NA			NA			NA	NA	NA	NA	NA
SR4	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:30	4	M		2																					NA	NA	NA	NA		
SR4	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:30	4	M		3																					NA	NA	NA	NA		
SR4	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:30	4	B	3	1	7.75	7.75	24.75	24.75	27.85	27.85	68.9	68.9	4.71	4.72		10.0	10.1	10.1	0.05	0.05	0.05	0.002	0.002	0.002	NA	NA	NA	NA	NA	NA
SR4	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:30	4	B	3	2	7.75		24.75		27.85		68.8		4.72			10.1			0.05			0.002			NA	NA	NA	NA		
SR4	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:30	4	B	3	3																					NA	NA	NA	NA		
SR5	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:45	11	S	1	1	7.70	7.70	25.45	25.45	27.72	27.75	67.5	67.5	4.60	4.61	4.55	9.4	9.4	10.6	NA	NA	NA	NA	NA	NA	0.01	0.24	0.70	0.95	0.94	0.95
SR5	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:45	11	S	1	2	7.70		25.45		27.77		67.4		4.61			9.3			NA			NA			0.01	0.25	0.68	0.94		
SR5	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:45	11	S	1	3																					0.01	0.26	0.66	0.93		
SR5	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:45	11	M	5.5	1	7.75	7.75	26.91	26.91	27.57	27.57	66.0	66.1	4.48	4.49		10.9	10.9		NA	NA	NA	NA	NA	NA	0.01	0.24	0.69	0.94	0.95	
SR5	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:45	11	M	5.5	2	7.75		26.91		27.57		66.1		4.49			10.8			NA			NA			0.01	0.25	0.69	0.95		
SR5	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:45	11	M	5.5	3																					0.01	0.26	0.68	0.95		
SR5	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:45	11	B	10	1	7.76	7.76	26.87	26.87	27.57	27.57	65.9	65.9	4.48	4.48		11.6	11.6		NA	NA		NA	NA		0.01	0.26	0.68	0.95	0.95	
SR5	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:45	11	B	10	2	7.76		26.87		27.57		65.8		4.47			11.5			NA			NA			0.01	0.27	0.68	0.96		
SR5	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:45	11	B	10	3																					0.01	0.26	0.68	0.95		
SR12	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:54	15	S	1	1	7.73	7.73	27.09	27.09	27.57	27.57	65.3	65.4	4.43	4.44	4.39	9.2	9.2	9.9	0.10	0.10	0.10	0.003	0.003	0.003	NA	NA	NA	NA	NA	NA
SR12	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:54	15	S	1	2	7.73		27.09		27.57		65.4		4.44			9.1			0.10			0.003			NA	NA	NA	NA		
SR12	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:54	15	S	1	3																					NA	NA	NA	NA		
SR12	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:54	15	M	5.5	1	7.74	7.74	27.63	27.63	27.48	27.48	64.1	64.2	4.34	4.35		10.1	10.2		0.10	0.10	0.10	0.003	0.003	0.003	NA	NA	NA	NA	NA	NA
SR12	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:54	15	M	5.5	2	7.74		27.63		27.48		64.2		4.35			10.2			0.10			0.003			NA	NA	NA	NA		
SR12	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:54	15	M	5.5	3																					NA	NA	NA	NA		
SR12	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:54	15	B	14	1	7.74	7.74	27.71	27.71	27.48	27.48	63.9	63.9	4.33	4.33		10.5	10.5		0.10	0.10		0.003	0.003		NA	NA	NA	NA	NA	
SR12	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:54	15	B	14	2	7.74		27.71		27.48		63.8		4.32			10.4			0.10			0.003			NA	NA	NA	NA		
SR12	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:54	15	B	14	3																					NA	NA	NA	NA		
SR13	9/9/2017	Mid-Ebb	Cloudy	Moderate	13:10	14	S	1	1	7.77	7.77	27.11	27.11	27.51	27.51	66.7	66.7	4.52	4.52	4.49	4.8	4.9	6.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	9/9/2017	Mid-Ebb	Cloudy	Moderate	13:10	14	S	1	2	7.77		27.11		27.51		66.6		4.51			4.9			NA			NA			NA	NA	NA	NA		
SR13	9/9/2017	Mid-Ebb	Cloudy	Moderate	13:10	14	S	1	3																					NA	NA	NA	NA		
SR13	9/9/2017	Mid-Ebb	Cloudy	Moderate	13:10	14	M	7	1	7.79	7.79	27.49	27.50	27.55	27.55	65.7	65.8	4.45	4.46		5.7	5.8		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	9/9/2017	Mid-Ebb	Cloudy	Moderate	13:10	14	M	7	2	7.78		27.50		27.55		65.8		4.46			5.8			NA			NA			NA	NA	NA	NA		
SR13	9/9/2017	Mid-Ebb	Cloudy	Moderate	13:10	14	M	7	3																					NA	NA	NA	NA		
SR13	9/9/2017	Mid-Ebb	Cloudy	Moderate	13:10	14	B	13	1	7.81	7.81	27.66	27.66	27.51	27.51	65.0	65.1	4.39	4.40		9.7	9.8		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	9/9/2017	Mid-Ebb	Cloudy	Moderate	13:10	14	B	13	2	7.81		27.66		27.51		65.1		4.40			9.8			NA			NA			NA	NA	NA	NA		
SR13	9/9/2017	Mid-Ebb	Cloudy	Moderate	13:10	14	B	13	3																					NA	NA	NA	NA		

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
C1A	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:20	28	S	1	1	8	8	9	0.03	0.02	0.01	0.001	0.001	0.000	0.03	0.27	0.77	1.07	1.08	1.05	35	38	28	NA	NA	NA	<1	1	1
C1A	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:20	28	S	1	2	8			<0.01			0.000			<0.01	0.31	0.77	1.08			42			NA			<1		
C1A	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:20	28	S	1	3										<0.01	0.36	0.74	1.10											
C1A	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:20	28	M	14	1	10	10		<0.01			0.000			<0.01	0.26	0.77	1.03	1.03		31	30		NA	NA		<1	1	
C1A	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:20	28	M	14	2	9			<0.01	0.01		0.000	0.000		<0.01	0.25	0.77	1.02			29			NA			<1		
C1A	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:20	28	M	14	3										0.01	0.25	0.78	1.04											
C1A	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:20	28	B	27	1	10	11		<0.01	0.01		0.000	0.000		<0.01	0.29	0.75	1.04	1.05		18	20		NA	NA		<1	1	
C1A	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:20	28	B	27	2	11			<0.01			0.000			<0.01	0.28	0.77	1.05			22			NA			<1		
C1A	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:20	28	B	27	3										0.01	0.24	0.80	1.05											
C2A	9/9/2017	Mid-Ebb	Cloudy	Moderate	13:29	13	S	1	1	7	8	10	0.20	0.25	0.16	0.009	0.011	0.006	0.20	0.10	0.44	0.74	0.79	0.71	56	63	94	NA	NA	NA	<1	1	1
C2A	9/9/2017	Mid-Ebb	Cloudy	Moderate	13:29	13	S	1	2	8			0.30			0.013			0.30	0.11	0.44	0.85			71			NA			<1		
C2A	9/9/2017	Mid-Ebb	Cloudy	Moderate	13:29	13	S	1	3										0.24	0.11	0.44	0.79											
C2A	9/9/2017	Mid-Ebb	Cloudy	Moderate	13:29	13	M	6.5	1	8	8		0.18	0.18		0.006	0.006		0.18	0.12	0.44	0.74	0.73		43	43		NA	NA		<1	1	
C2A	9/9/2017	Mid-Ebb	Cloudy	Moderate	13:29	13	M	6.5	2	7			0.18			0.006			0.18	0.11	0.44	0.73			44			NA			<1		
C2A	9/9/2017	Mid-Ebb	Cloudy	Moderate	13:29	13	M	6.5	3										0.18	0.13	0.42	0.73											
C2A	9/9/2017	Mid-Ebb	Cloudy	Moderate	13:29	13	B	12	1	14	14		0.02	0.04		0.001	0.001		0.02	0.14	0.44	0.60	0.61		360	300		NA	NA		<1	1	
C2A	9/9/2017	Mid-Ebb	Cloudy	Moderate	13:29	13	B	12	2	13			0.06			0.002			0.06	0.09	0.48	0.63			250			NA			<1		
C2A	9/9/2017	Mid-Ebb	Cloudy	Moderate	13:29	13	B	12	3										0.04	0.11	0.44	0.59											
G2	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:08	12	S	1	1	6	6	7	NA	NA	NA	NA	NA	NA	<0.01	0.27	0.71	0.98	1.00	1.03	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:08	12	S	1	2	6			NA			NA			<0.01	0.28	0.71	0.99			NA			NA			NA		
G2	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:08	12	S	1	3										<0.01	0.30	0.72	1.02											
G2	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:08	12	M	6	1	8	7		NA	NA		NA	NA		<0.01	0.34	0.70	1.04	1.04		NA	NA		NA	NA		NA	NA	NA
G2	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:08	12	M	6	2	6			NA			NA			<0.01	0.32	0.70	1.02			NA			NA			NA		
G2	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:08	12	M	6	3										0.02	0.33	0.70	1.05											
G2	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:08	12	B	11	1	10	9		NA	NA		NA	NA		0.02	0.33	0.70	1.05	1.05		NA	NA		NA	NA		NA	NA	
G2	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:08	12	B	11	2	8			NA			NA			0.02	0.33	0.70	1.05			NA			NA			NA		
G2	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:08	12	B	11	3										0.02	0.33	0.71	1.06											
SR2	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:55	9	S	1	1	7	7	8	<0.01	0.01	0.02	0.000	0.000	0.000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:55	9	S	1	2	6			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR2	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:55	9	S	1	3										NA	NA	NA	NA											
SR2	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:55	9	M	4.5	1	10	9		<0.01			0.000			NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:55	9	M	4.5	2	8			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR2	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:55	9	M	4.5	3										NA	NA	NA	NA											
SR2	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:55	9	B	8	1	8	9		<0.01	0.03		0.000	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:55	9	B	8	2	9			0.04			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:55	9	B	8	3										NA	NA	NA	NA											
SR3	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:21	8	S	1	1	8	7	8	0.04	0.04	0.04	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:21	8	S	1	2	6			0.03			0.001			NA	NA	NA	NA			NA			NA			NA		
SR3	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:21	8	S	1	3										NA	NA	NA	NA											
SR3	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:21	8	M	4	1	7	7		0.04			0.001			NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:21	8	M	4	2	7			0.04			0.001			NA	NA	NA	NA			NA			NA			NA		
SR3	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:21	8	M	4	3										NA	NA	NA	NA											
SR3	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:21	8	B	7	1	11	11		0.05	0.05		0.002	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:21	8	B	7	2	11			0.04			0.001			NA	NA	NA	NA			NA			NA			NA		
SR3	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:21	8	B	7	3										NA	NA	NA	NA											

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
SR4	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:30	4	S	1	1	6	6	6	0.08	0.05	0.04	0.002	0.001	0.001	NA	NA	NA	NA	NA	NA	340	314	217	NA	NA	NA	<1	1	1
SR4	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:30	4	S	1	2	5			<0.01			0.000			NA	NA	NA	NA			290			NA			<1		
SR4	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:30	4	S	1	3										NA	NA	NA	NA											
SR4	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:30	4	M		1		NA								NA	NA	NA	NA											
SR4	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:30	4	M		2										NA	NA	NA	NA	NA	NA				NA	NA	NA			
SR4	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:30	4	M		3										NA	NA	NA	NA											
SR4	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:30	4	B	3	1	6	6		<0.01	0.04		0.000	0.001		NA	NA	NA	NA	NA		140	150		NA	NA		<1	1	
SR4	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:30	4	B	3	2	6			0.06			0.002			NA	NA	NA	NA			160			NA			<1		
SR4	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:30	4	B	3	3										NA	NA	NA	NA											
SR5	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:45	11	S	1	1	4	5	6	NA	NA	NA	NA	NA	NA	<0.01	0.24	0.70	0.94	0.94	0.94	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:45	11	S	1	2	6			NA			NA			0.02	0.25	0.68	0.95			NA			NA			NA		
SR5	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:45	11	S	1	3										<0.01	0.26	0.66	0.92											
SR5	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:45	11	M	5.5	1	6	7		NA	NA		NA	NA		0.03	0.24	0.69	0.96	0.95		NA	NA		NA	NA		NA	NA	
SR5	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:45	11	M	5.5	2	8			NA			NA			<0.01	0.25	0.69	0.94			NA			NA			NA		
SR5	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:45	11	M	5.5	3										<0.01	0.26	0.68	0.94											
SR5	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:45	11	B	10	1	7	7		NA			NA			<0.01	0.26	0.68	0.94	0.94		NA			NA			NA		
SR5	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:45	11	B	10	2	7			NA			NA			<0.01	0.27	0.68	0.95			NA			NA			NA		
SR5	9/9/2017	Mid-Ebb	Cloudy	Moderate	11:45	11	B	10	3										<0.01	0.26	0.68	0.94											
SR12	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:54	15	S	1	1	8	8	7	0.10	0.09	0.09	0.003	0.003	0.003	NA	NA	NA	NA	NA	NA	190	169	198	NA	NA	NA	<1	1	1
SR12	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:54	15	S	1	2	7			0.08			0.002			NA	NA	NA	NA			150			NA			<1		
SR12	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:54	15	S	1	3										NA	NA	NA	NA											
SR12	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:54	15	M	5.5	1	6	6		0.08			0.002			NA	NA	NA	NA	NA		260			NA			<1		
SR12	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:54	15	M	5.5	2	6			0.09			0.003			NA	NA	NA	NA			310			NA			<1		
SR12	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:54	15	M	5.5	3										NA	NA	NA	NA											
SR12	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:54	15	B	14	1	6	7		0.08	0.09		0.002	0.003		NA	NA	NA	NA	NA		140	163		NA	NA		<1	1	
SR12	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:54	15	B	14	2	7			0.10			0.003			NA	NA	NA	NA			190			NA			<1		
SR12	9/9/2017	Mid-Ebb	Cloudy	Moderate	12:54	15	B	14	3										NA	NA	NA	NA											
SR13	9/9/2017	Mid-Ebb	Cloudy	Moderate	13:10	14	S	1	1	6	6	9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	9/9/2017	Mid-Ebb	Cloudy	Moderate	13:10	14	S	1	2	6			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	9/9/2017	Mid-Ebb	Cloudy	Moderate	13:10	14	S	1	3										NA	NA	NA	NA											
SR13	9/9/2017	Mid-Ebb	Cloudy	Moderate	13:10	14	M	7	1	11	10		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	9/9/2017	Mid-Ebb	Cloudy	Moderate	13:10	14	M	7	2	9			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	9/9/2017	Mid-Ebb	Cloudy	Moderate	13:10	14	M	7	3										NA	NA	NA	NA											
SR13	9/9/2017	Mid-Ebb	Cloudy	Moderate	13:10	14	B	13	1	10	10		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	9/9/2017	Mid-Ebb	Cloudy	Moderate	13:10	14	B	13	2	10			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	9/9/2017	Mid-Ebb	Cloudy	Moderate	13:10	14	B	13	3										NA	NA	NA	NA											

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
C1A	12/9/2017	Mid-Flood	Fine	Moderate	13:24	28	S	1	1	7.43	7.43	21.03	21.03	29.08	29.08	71.7	71.7	4.91	4.91	4.87	8.2	8.2	7.9	0.01	0.01	0.03	0.000	0.000	0.001	0.01	0.24	0.86	1.11	1.12	1.13
C1A	12/9/2017	Mid-Flood	Fine	Moderate	13:24	28	S	1	2	7.43		21.03		29.08		71.6		4.90			8.1			0.01			0.000			0.01	0.24	0.88	1.13		
C1A	12/9/2017	Mid-Flood	Fine	Moderate	13:24	28	S	1	3																					0.01	0.23	0.88	1.12		
C1A	12/9/2017	Mid-Flood	Fine	Moderate	13:24	28	M	14	1	7.70	7.70	27.75	27.75	28.80	28.80	71.9	71.9	4.84	4.84		7.6	7.7		0.03	0.03		0.001	0.001		0.03	0.22	0.88	1.13	1.13	
C1A	12/9/2017	Mid-Flood	Fine	Moderate	13:24	28	M	14	2	7.70		27.75		28.80		71.8		4.83			7.8			0.03			0.001			0.03	0.22	0.88	1.13		
C1A	12/9/2017	Mid-Flood	Fine	Moderate	13:24	28	M	14	3																					0.03	0.22	0.88	1.13		
C1A	12/9/2017	Mid-Flood	Fine	Moderate	13:24	28	B	27	1	7.72	7.72	25.08	25.08	28.40	28.40	67.8	67.9	4.61	4.62		7.8	7.9		0.05	0.05		0.002	0.002		0.05	0.22	0.88	1.15	1.15	
C1A	12/9/2017	Mid-Flood	Fine	Moderate	13:24	28	B	27	2	7.72		25.08		28.40		67.9		4.62			7.9			0.05			0.002			0.05	0.22	0.88	1.15		
C1A	12/9/2017	Mid-Flood	Fine	Moderate	13:24	28	B	27	3																					0.05	0.21	0.88	1.14		
C2A	12/9/2017	Mid-Flood	Fine	Moderate	10:30	13	S	1	1	7.72	7.72	27.32	27.32	28.31	28.31	69.1	69.2	4.64	4.65	4.51	3.4	3.5	5.1	0.15	0.15	0.17	0.005	0.005	0.006	0.15	0.14	0.49	0.78	0.79	0.80
C2A	12/9/2017	Mid-Flood	Fine	Moderate	10:30	13	S	1	2	7.72		27.32		28.31		69.2		4.65			3.5			0.15			0.005			0.15	0.13	0.51	0.79		
C2A	12/9/2017	Mid-Flood	Fine	Moderate	10:30	13	S	1	3																					0.15	0.14	0.50	0.79		
C2A	12/9/2017	Mid-Flood	Fine	Moderate	10:30	13	M	6.5	1	7.80	7.80	27.45	27.45	28.22	28.22	65.5	65.5	4.38	4.38		5.7	5.7		0.15	0.15		0.005	0.005		0.15	0.13	0.50	0.78		
C2A	12/9/2017	Mid-Flood	Fine	Moderate	10:30	13	M	6.5	2	7.80		27.45		28.22		65.4		4.37			5.6			0.15			0.005			0.15	0.12	0.50	0.77		
C2A	12/9/2017	Mid-Flood	Fine	Moderate	10:30	13	M	6.5	3																					0.15	0.13	0.51	0.79		
C2A	12/9/2017	Mid-Flood	Fine	Moderate	10:30	13	B	12	1	7.79	7.79	27.71	27.71	28.24	28.24	63.3	63.4	4.21	4.22		6.0	6.1		0.20	0.20		0.007	0.007		0.20	0.13	0.50	0.83	0.83	
C2A	12/9/2017	Mid-Flood	Fine	Moderate	10:30	13	B	12	2	7.79		27.71		28.24		63.4		4.22			6.1			0.20			0.007			0.20	0.13	0.49	0.82		
C2A	12/9/2017	Mid-Flood	Fine	Moderate	10:30	13	B	12	3																					0.20	0.13	0.50	0.83		
G2	12/9/2017	Mid-Flood	Fine	Moderate	12:19	12	S	1	1	7.33	7.33	22.30	22.30	28.80	28.80	70.5	70.5	4.79	4.79	4.58	9.3	9.4	8.5	NA	NA	NA	NA	NA	NA	0.01	0.25	0.79	1.05	1.05	1.07
G2	12/9/2017	Mid-Flood	Fine	Moderate	12:19	12	S	1	2	7.33		22.30		28.80		70.4		4.78			9.4			NA			NA			0.01	0.24	0.79	1.04		
G2	12/9/2017	Mid-Flood	Fine	Moderate	12:19	12	S	1	3																					0.01	0.24	0.80	1.05		
G2	12/9/2017	Mid-Flood	Fine	Moderate	12:19	12	M	6	1	7.59	7.59	24.99	24.99	28.30	28.30	65.0	65.0	4.39	4.38		8.2	8.2		NA	NA		NA	NA		0.01	0.26	0.79	1.06	1.07	
G2	12/9/2017	Mid-Flood	Fine	Moderate	12:19	12	M	6	2	7.59		24.99		28.30		64.9		4.37			8.1			NA			NA			0.01	0.26	0.80	1.07		
G2	12/9/2017	Mid-Flood	Fine	Moderate	12:19	12	M	6	3																					0.01	0.25	0.81	1.07		
G2	12/9/2017	Mid-Flood	Fine	Moderate	12:19	12	B	11	1	7.71	7.71	26.91	26.91	28.09	28.09	63.3	63.4	4.26	4.27		8.1	8.1		NA	NA		NA	NA		0.05	0.25	0.81	1.11	1.11	
G2	12/9/2017	Mid-Flood	Fine	Moderate	12:19	12	B	11	2	7.71		26.91		28.09		63.4		4.27			8.0			NA			NA			0.05	0.25	0.81	1.11		
G2	12/9/2017	Mid-Flood	Fine	Moderate	12:19	12	B	11	3																					0.05	0.26	0.79	1.10		
SR2	12/9/2017	Mid-Flood	Fine	Moderate	12:30	9	S	1	1	7.45	7.45	21.63	21.63	28.88	28.88	71.3	71.4	4.85	4.86	4.70	5.6	5.7	5.9	0.03	0.03	0.02	0.001	0.000	0.000	NA	NA	NA	NA	NA	NA
SR2	12/9/2017	Mid-Flood	Fine	Moderate	12:30	9	S	1	2	7.45		21.63		28.88		71.4		4.86			5.7			0.02			0.000			NA	NA	NA	NA		
SR2	12/9/2017	Mid-Flood	Fine	Moderate	12:30	9	S	1	3																					NA	NA	NA	NA		
SR2	12/9/2017	Mid-Flood	Fine	Moderate	12:30	9	M	4.5	1	7.67	7.67	24.45	24.45	28.40	28.40	67.1	67.1	4.54	4.54		5.6	5.6		0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA	NA
SR2	12/9/2017	Mid-Flood	Fine	Moderate	12:30	9	M	4.5	2	7.67		24.45		28.40		67.1		4.54			5.5			0.01			0.000			NA	NA	NA	NA		
SR2	12/9/2017	Mid-Flood	Fine	Moderate	12:30	9	M	4.5	3																					NA	NA	NA	NA		
SR2	12/9/2017	Mid-Flood	Fine	Moderate	12:30	9	B	8	1	7.74	7.74	27.01	27.01	28.05	28.05	62.7	62.8	4.27	4.28		6.4	6.5		0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA	
SR2	12/9/2017	Mid-Flood	Fine	Moderate	12:30	9	B	8	2	7.74		27.01		28.05		62.8		4.28			6.5			0.01			0.000			NA	NA	NA	NA		
SR2	12/9/2017	Mid-Flood	Fine	Moderate	12:30	9	B	8	3																					NA	NA	NA	NA		
SR3	12/9/2017	Mid-Flood	Fine	Moderate	12:04	8	S	1	1	7.36	7.36	21.85	21.85	28.95	28.95	72.8	72.8	4.93	4.93	4.80	10.8	10.9	9.4	0.05	0.05	0.04	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA
SR3	12/9/2017	Mid-Flood	Fine	Moderate	12:04	8	S	1	2	7.36		21.85		28.95		72.7		4.92			10.9			0.05			0.001			NA	NA	NA	NA		
SR3	12/9/2017	Mid-Flood	Fine	Moderate	12:04	8	S	1	3																					NA	NA	NA	NA		
SR3	12/9/2017	Mid-Flood	Fine	Moderate	12:04	8	M	4	1	7.63	7.63	22.59	22.59	28.68	28.68	68.5	68.4	4.67	4.66		7.4	7.3		0.04	0.05		0.001	0.001		NA	NA	NA	NA	NA	NA
SR3	12/9/2017	Mid-Flood	Fine	Moderate	12:04	8	M	4	2	7.63		22.59		28.68		68.4		4.66			7.3			0.05			0.001			NA	NA	NA	NA		
SR3	12/9/2017	Mid-Flood	Fine	Moderate	12:04	8	M	4	3																					NA	NA	NA	NA		
SR3	12/9/2017	Mid-Flood	Fine	Moderate	12:04	8	B	7	1	7.70	7.70	25.32	25.32	28.31	28.31	63.9	63.8	4.31	4.30		9.9	9.8		0.04	0.03		0.001	0.001		NA	NA	NA	NA	NA	
SR3	12/9/2017	Mid-Flood	Fine	Moderate	12:04	8	B	7	2	7.70		25.32		28.31		63.8		4.30			9.8			0.03			0.001			NA	NA	NA	NA		
SR3	12/9/2017	Mid-Flood	Fine	Moderate	12:04	8	B	7	3																					NA	NA	NA	NA		

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR4	12/9/2017	Mid-Flood	Fine	Moderate	11:38	4	S	1	1	7.45	7.45	21.99	21.99	28.97	28.97	72.7	72.7	4.94	4.94	4.94	7.6	7.6	7.3	0.01	0.01	0.02	0.000	0.000	0.001	NA	NA	NA	NA	NA	NA
SR4	12/9/2017	Mid-Flood	Fine	Moderate	11:38	4	S	1	2	7.45		21.99		28.97		72.6		4.93			7.5			0.01			0.000			NA	NA	NA	NA		
SR4	12/9/2017	Mid-Flood	Fine	Moderate	11:38	4	S	1	3																					NA	NA	NA	NA		
SR4	12/9/2017	Mid-Flood	Fine	Moderate	11:38	4	M		1																					NA	NA	NA	NA		
SR4	12/9/2017	Mid-Flood	Fine	Moderate	11:38	4	M		2		NA		NA		NA		NA		NA			NA			NA			NA		NA	NA	NA	NA	NA	
SR4	12/9/2017	Mid-Flood	Fine	Moderate	11:38	4	M		3																					NA	NA	NA	NA		
SR4	12/9/2017	Mid-Flood	Fine	Moderate	11:38	4	B	3	1	7.64	7.64	22.24	22.24	29.04	29.04	72.2	72.2	4.90	4.90		7.0	7.1		0.04	0.04		0.001	0.001		NA	NA	NA	NA	NA	
SR4	12/9/2017	Mid-Flood	Fine	Moderate	11:38	4	B	3	2	7.64		22.24		29.04		72.1		4.89			7.1			0.03			0.001			NA	NA	NA	NA		
SR4	12/9/2017	Mid-Flood	Fine	Moderate	11:38	4	B	3	3																					NA	NA	NA	NA		
SR5	12/9/2017	Mid-Flood	Fine	Moderate	12:55	11	S	1	1	7.53	7.53	24.85	24.85	28.47	28.47	67.1	67.1	4.54	4.54	4.50	8.5	8.5	9.2	NA	NA	NA	NA	NA	NA	0.01	0.25	0.83	1.09	1.08	1.10
SR5	12/9/2017	Mid-Flood	Fine	Moderate	12:55	11	S	1	2	7.53		24.85		28.47		67.0		4.53			8.4			NA			NA			0.01	0.24	0.83	1.08		
SR5	12/9/2017	Mid-Flood	Fine	Moderate	12:55	11	S	1	3																					0.01	0.25	0.82	1.08		
SR5	12/9/2017	Mid-Flood	Fine	Moderate	12:55	11	M	5.5	1	7.72	7.72	25.62	25.62	28.34	28.34	66.0	66.0	4.45	4.46		9.1	9.1		NA	NA		NA	NA		0.01	0.26	0.82	1.09	1.09	
SR5	12/9/2017	Mid-Flood	Fine	Moderate	12:55	11	M	5.5	2	7.72		25.62		28.34		65.9		4.46			9.0			NA			NA			0.01	0.25	0.82	1.08		
SR5	12/9/2017	Mid-Flood	Fine	Moderate	12:55	11	M	5.5	3																					0.01	0.25	0.83	1.09		
SR5	12/9/2017	Mid-Flood	Fine	Moderate	12:55	11	B	10	1	7.77	7.77	27.33	27.33	28.05	28.05	62.8	62.8	4.22	4.22		10.2	10.2		NA	NA		NA	NA		0.05	0.24	0.84	1.13	1.14	
SR5	12/9/2017	Mid-Flood	Fine	Moderate	12:55	11	B	10	2	7.77		27.33		28.05		62.7		4.21			10.1			NA			NA			0.05	0.25	0.84	1.14		
SR5	12/9/2017	Mid-Flood	Fine	Moderate	12:55	11	B	10	3																					0.05	0.24	0.85	1.14		
SR12	12/9/2017	Mid-Flood	Fine	Moderate	11:14	15	S	1	1	7.49	7.49	24.89	24.89	28.51	28.51	67.5	67.5	4.53	4.53	4.44	7.6	7.6	7.9	0.10	0.10	0.10	0.002	0.002	0.003	NA	NA	NA	NA	NA	NA
SR12	12/9/2017	Mid-Flood	Fine	Moderate	11:14	15	S	1	2	7.49		24.89		28.51		67.4		4.52			7.5			0.10			0.002			NA	NA	NA	NA		
SR12	12/9/2017	Mid-Flood	Fine	Moderate	11:14	15	S	1	3																					NA	NA	NA	NA		
SR12	12/9/2017	Mid-Flood	Fine	Moderate	11:14	15	M	7.5	1	7.69	7.69	26.29	26.29	28.34	28.34	64.6	64.7	4.34	4.35		7.8	7.9		0.11	0.11		0.003	0.003		NA	NA	NA	NA	NA	NA
SR12	12/9/2017	Mid-Flood	Fine	Moderate	11:14	15	M	7.5	2	7.69		26.29		28.34		64.7		4.35			7.9			0.10			0.003			NA	NA	NA	NA		
SR12	12/9/2017	Mid-Flood	Fine	Moderate	11:14	15	M	7.5	3																					NA	NA	NA	NA		
SR12	12/9/2017	Mid-Flood	Fine	Moderate	11:14	15	B	14	1	7.73	7.73	27.61	27.61	28.06	28.06	61.1	61.2	4.09	4.10		8.3	8.4		0.09	0.09		0.003	0.003		NA	NA	NA	NA	NA	
SR12	12/9/2017	Mid-Flood	Fine	Moderate	11:14	15	B	14	2	7.73		27.61		28.06		61.2		4.10			8.4			0.09			0.003			NA	NA	NA	NA		
SR12	12/9/2017	Mid-Flood	Fine	Moderate	11:14	15	B	14	3																					NA	NA	NA	NA		
SR13	12/9/2017	Mid-Flood	Fine	Moderate	10:54	14	S	1	1	7.51	7.51	26.53	26.53	28.45	28.45	66.2	66.2	4.42	4.42	4.39	7.4	7.4	7.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	12/9/2017	Mid-Flood	Fine	Moderate	10:54	14	S	1	2	7.51		26.53		28.45		66.1		4.41			7.3			NA			NA			NA	NA	NA	NA		
SR13	12/9/2017	Mid-Flood	Fine	Moderate	10:54	14	S	1	3																					NA	NA	NA	NA		
SR13	12/9/2017	Mid-Flood	Fine	Moderate	10:54	14	M	7	1	7.69	7.68	26.83	26.83	28.27	28.27	64.9	64.9	4.36	4.36		7.1	7.1		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	12/9/2017	Mid-Flood	Fine	Moderate	10:54	14	M	7	2	7.67		26.83		28.27		64.8		4.35			7.0			NA			NA			NA	NA	NA	NA		
SR13	12/9/2017	Mid-Flood	Fine	Moderate	10:54	14	M	7	3																					NA	NA	NA	NA		
SR13	12/9/2017	Mid-Flood	Fine	Moderate	10:54	14	B	13	1	7.72	7.72	27.31	27.31	28.13	28.13	62.8	62.9	4.22	4.23		7.5	7.5		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	12/9/2017	Mid-Flood	Fine	Moderate	10:54	14	B	13	2	7.72		27.31		28.13		62.9		4.23			7.4			NA			NA			NA	NA	NA	NA		
SR13	12/9/2017	Mid-Flood	Fine	Moderate	10:54	14	B	13	3																					NA	NA	NA	NA		

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
C1A	12/9/2017	Mid-Flood	Fine	Moderate	13:24	28	S	1	1	3	4	5	<0.01	0.01	0.03	0.000	0.000	0.001	<0.01	0.24	0.86	1.10	1.11	1.13	56	44	167	NA	NA	NA	<1	1	1
C1A	12/9/2017	Mid-Flood	Fine	Moderate	13:24	28	S	1	2	5			<0.01			0.000			<0.01	0.24	0.88	1.12			34			NA			<1		
C1A	12/9/2017	Mid-Flood	Fine	Moderate	13:24	28	S	1	3										<0.01	0.23	0.88	1.11											
C1A	12/9/2017	Mid-Flood	Fine	Moderate	13:24	28	M	14	1	6	5		0.03	0.03		0.001	0.001		0.03	0.22	0.88	1.13	1.13		260	284		NA	NA		1	1	
C1A	12/9/2017	Mid-Flood	Fine	Moderate	13:24	28	M	14	2	4			0.03			0.001			0.03	0.22	0.88	1.13			310			NA			1		
C1A	12/9/2017	Mid-Flood	Fine	Moderate	13:24	28	M	14	3										0.03	0.22	0.88	1.13											
C1A	12/9/2017	Mid-Flood	Fine	Moderate	13:24	28	B	27	1	4	5		0.05	0.05		0.002	0.002		0.05	0.22	0.88	1.15	1.15		350	379		NA	NA		<1	1	
C1A	12/9/2017	Mid-Flood	Fine	Moderate	13:24	28	B	27	2	6			0.05			0.002			0.05	0.22	0.88	1.15			410			NA			<1		
C1A	12/9/2017	Mid-Flood	Fine	Moderate	13:24	28	B	27	3										0.05	0.21	0.88	1.14											
C2A	12/9/2017	Mid-Flood	Fine	Moderate	10:30	13	S	1	1	3	4	6	0.15	0.16	0.18	0.005	0.005	0.006	0.15	0.14	0.49	0.78	0.80	0.81	2100	2510	1864	NA	NA	NA	<1	1	1
C2A	12/9/2017	Mid-Flood	Fine	Moderate	10:30	13	S	1	2	4			0.17			0.005			0.17	0.13	0.51	0.81			3000			NA			<1		
C2A	12/9/2017	Mid-Flood	Fine	Moderate	10:30	13	S	1	3										0.16	0.14	0.50	0.80											
C2A	12/9/2017	Mid-Flood	Fine	Moderate	10:30	13	M	6.5	1	5	6		0.18	0.15		0.006	0.005		0.18	0.13	0.50	0.81	0.79		6200	6728		NA	NA		<1	1	
C2A	12/9/2017	Mid-Flood	Fine	Moderate	10:30	13	M	6.5	2	6			0.12			0.004			0.12	0.12	0.50	0.74			7300			NA			<1		
C2A	12/9/2017	Mid-Flood	Fine	Moderate	10:30	13	M	6.5	3										0.17	0.13	0.51	0.81											
C2A	12/9/2017	Mid-Flood	Fine	Moderate	10:30	13	B	12	1	7	8		0.25	0.23		0.009	0.008		0.25	0.13	0.50	0.88	0.85		420	383		NA	NA		<1	1	
C2A	12/9/2017	Mid-Flood	Fine	Moderate	10:30	13	B	12	2	9			0.21			0.007			0.21	0.13	0.49	0.83			350			NA			<1		
C2A	12/9/2017	Mid-Flood	Fine	Moderate	10:30	13	B	12	3										0.21	0.13	0.50	0.84											
G2	12/9/2017	Mid-Flood	Fine	Moderate	12:19	12	S	1	1	5	6	5	NA	NA	NA	NA	NA	NA	<0.01	0.25	0.79	1.04	1.04	1.06	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	12/9/2017	Mid-Flood	Fine	Moderate	12:19	12	S	1	2	6			NA			NA			<0.01	0.24	0.79	1.03			NA			NA			NA		
G2	12/9/2017	Mid-Flood	Fine	Moderate	12:19	12	S	1	3										<0.01	0.24	0.80	1.04											
G2	12/9/2017	Mid-Flood	Fine	Moderate	12:19	12	M	6	1	6	5		NA	NA		NA	NA		<0.01	0.26	0.79	1.05	1.06		NA	NA		NA	NA		NA	NA	
G2	12/9/2017	Mid-Flood	Fine	Moderate	12:19	12	M	6	2	4			NA			NA			<0.01	0.26	0.80	1.06			NA			NA			NA		
G2	12/9/2017	Mid-Flood	Fine	Moderate	12:19	12	M	6	3										<0.01	0.25	0.81	1.06											
G2	12/9/2017	Mid-Flood	Fine	Moderate	12:19	12	B	11	1	5	5		NA	NA		NA	NA		0.05	0.25	0.81	1.11	1.09		NA	NA		NA	NA		NA	NA	
G2	12/9/2017	Mid-Flood	Fine	Moderate	12:19	12	B	11	2	5			NA			NA			0.02	0.25	0.81	1.08			NA			NA			NA		
G2	12/9/2017	Mid-Flood	Fine	Moderate	12:19	12	B	11	3										0.02	0.26	0.79	1.07											
SR2	12/9/2017	Mid-Flood	Fine	Moderate	12:30	9	S	1	1	6	6	5	0.03	0.03	0.02	0.001	0.000	0.000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	12/9/2017	Mid-Flood	Fine	Moderate	12:30	9	S	1	2	5			0.02			0.000			NA	NA	NA	NA			NA			NA			NA		
SR2	12/9/2017	Mid-Flood	Fine	Moderate	12:30	9	S	1	3										NA	NA	NA	NA											
SR2	12/9/2017	Mid-Flood	Fine	Moderate	12:30	9	M	4.5	1	4	4		<0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	12/9/2017	Mid-Flood	Fine	Moderate	12:30	9	M	4.5	2	4			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR2	12/9/2017	Mid-Flood	Fine	Moderate	12:30	9	M	4.5	3										NA	NA	NA	NA											
SR2	12/9/2017	Mid-Flood	Fine	Moderate	12:30	9	B	8	1	5	5		<0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	12/9/2017	Mid-Flood	Fine	Moderate	12:30	9	B	8	2	4			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR2	12/9/2017	Mid-Flood	Fine	Moderate	12:30	9	B	8	3										NA	NA	NA	NA											
SR3	12/9/2017	Mid-Flood	Fine	Moderate	12:04	8	S	1	1	1	2	2	0.05	0.05	0.04	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	12/9/2017	Mid-Flood	Fine	Moderate	12:04	8	S	1	2	2			0.05			0.001			NA	NA	NA	NA			NA			NA			NA		
SR3	12/9/2017	Mid-Flood	Fine	Moderate	12:04	8	S	1	3										NA	NA	NA	NA											
SR3	12/9/2017	Mid-Flood	Fine	Moderate	12:04	8	M	4	1	1	2	2	0.04	0.05		0.001	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	12/9/2017	Mid-Flood	Fine	Moderate	12:04	8	M	4	2	2			0.05			0.001			NA	NA	NA	NA			NA			NA			NA		
SR3	12/9/2017	Mid-Flood	Fine	Moderate	12:04	8	M	4	3										NA	NA	NA	NA											
SR3	12/9/2017	Mid-Flood	Fine	Moderate	12:04	8	B	7	1	2	2		0.04	0.04		0.001	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	12/9/2017	Mid-Flood	Fine	Moderate	12:04	8	B	7	2	1			0.03			0.001			NA	NA	NA	NA			NA			NA			NA		
SR3	12/9/2017	Mid-Flood	Fine	Moderate	12:04	8	B	7	3										NA	NA	NA	NA											

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
SR4	12/9/2017	Mid-Flood	Fine	Moderate	11:38	4	S	1	1	2	2	3	<0.01	0.01	0.02	0.000	0.000	0.001	NA	NA	NA	NA	NA	NA	19	21	26	NA	NA	NA	<1	1	1
SR4	12/9/2017	Mid-Flood	Fine	Moderate	11:38	4	S	1	2	1			<0.01			0.000			NA	NA	NA	NA			23			NA			<1		
SR4	12/9/2017	Mid-Flood	Fine	Moderate	11:38	4	S	1	3										NA	NA	NA	NA											
SR4	12/9/2017	Mid-Flood	Fine	Moderate	11:38	4	M		1		NA			NA			NA		NA	NA	NA	NA	NA			NA		NA					
SR4	12/9/2017	Mid-Flood	Fine	Moderate	11:38	4	M		2										NA	NA	NA	NA											
SR4	12/9/2017	Mid-Flood	Fine	Moderate	11:38	4	M		3										NA	NA	NA	NA											
SR4	12/9/2017	Mid-Flood	Fine	Moderate	11:38	4	B	3	1	3	4		0.04	0.04		0.001	0.001		NA	NA	NA	NA	NA		36	32		NA	NA		<1	1	
SR4	12/9/2017	Mid-Flood	Fine	Moderate	11:38	4	B	3	2	5			0.03			0.001			NA	NA	NA	NA			28			NA			<1		
SR4	12/9/2017	Mid-Flood	Fine	Moderate	11:38	4	B	3	3										NA	NA	NA	NA											
SR5	12/9/2017	Mid-Flood	Fine	Moderate	12:55	11	S	1	1	3	3	3	NA	NA	NA	NA	NA	NA	<0.01	0.25	0.83	1.08	1.07	1.09	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	12/9/2017	Mid-Flood	Fine	Moderate	12:55	11	S	1	2	3			NA			NA			<0.01	0.24	0.83	1.07			NA			NA			NA		
SR5	12/9/2017	Mid-Flood	Fine	Moderate	12:55	11	S	1	3										<0.01	0.25	0.82	1.07											
SR5	12/9/2017	Mid-Flood	Fine	Moderate	12:55	11	M	5.5	1	4	4		NA	NA		NA	NA		<0.01	0.26	0.82	1.08	1.08		NA	NA		NA	NA		NA	NA	
SR5	12/9/2017	Mid-Flood	Fine	Moderate	12:55	11	M	5.5	2	3			NA			NA			<0.01	0.25	0.82	1.07			NA			NA			NA		
SR5	12/9/2017	Mid-Flood	Fine	Moderate	12:55	11	M	5.5	3										<0.01	0.25	0.83	1.08											
SR5	12/9/2017	Mid-Flood	Fine	Moderate	12:55	11	B	10	1	3	3		NA	NA		NA	NA		0.04	0.24	0.84	1.12	1.12		NA	NA		NA	NA		NA	NA	
SR5	12/9/2017	Mid-Flood	Fine	Moderate	12:55	11	B	10	2	3			NA			NA			0.02	0.25	0.84	1.11			NA			NA			NA		
SR5	12/9/2017	Mid-Flood	Fine	Moderate	12:55	11	B	10	3										0.04	0.24	0.85	1.13											
SR12	12/9/2017	Mid-Flood	Fine	Moderate	11:14	15	S	1	1	3	4	5	0.10	0.09	0.10	0.002	0.002	0.002	NA	NA	NA	NA	NA	NA	15	14	22	NA	NA	NA	<1	1	1
SR12	12/9/2017	Mid-Flood	Fine	Moderate	11:14	15	S	1	2	4			0.08			0.001			NA	NA	NA	NA			14			NA			<1		
SR12	12/9/2017	Mid-Flood	Fine	Moderate	11:14	15	S	1	3										NA	NA	NA	NA											
SR12	12/9/2017	Mid-Flood	Fine	Moderate	11:14	15	M	7.5	1	5	5		0.11	0.11		0.003	0.003		NA	NA	NA	NA	NA		19	20		NA	NA		<1	1	
SR12	12/9/2017	Mid-Flood	Fine	Moderate	11:14	15	M	7.5	2	5			0.10			0.003			NA	NA	NA	NA			21			NA			<1		
SR12	12/9/2017	Mid-Flood	Fine	Moderate	11:14	15	M	7.5	3										NA	NA	NA	NA											
SR12	12/9/2017	Mid-Flood	Fine	Moderate	11:14	15	B	14	1	6	5		0.09	0.09		0.003	0.003		NA	NA	NA	NA	NA		32	37		NA	NA		<1	1	
SR12	12/9/2017	Mid-Flood	Fine	Moderate	11:14	15	B	14	2	4			0.09			0.003			NA	NA	NA	NA			43			NA			<1		
SR12	12/9/2017	Mid-Flood	Fine	Moderate	11:14	15	B	14	3										NA	NA	NA	NA											
SR13	12/9/2017	Mid-Flood	Fine	Moderate	10:54	14	S	1	1	5	5	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	12/9/2017	Mid-Flood	Fine	Moderate	10:54	14	S	1	2	4			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	12/9/2017	Mid-Flood	Fine	Moderate	10:54	14	S	1	3										NA	NA	NA	NA											
SR13	12/9/2017	Mid-Flood	Fine	Moderate	10:54	14	M	7	1	3	4		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	12/9/2017	Mid-Flood	Fine	Moderate	10:54	14	M	7	2	4			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	12/9/2017	Mid-Flood	Fine	Moderate	10:54	14	M	7	3										NA	NA	NA	NA											
SR13	12/9/2017	Mid-Flood	Fine	Moderate	10:54	14	B	13	1	4	4		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	12/9/2017	Mid-Flood	Fine	Moderate	10:54	14	B	13	2	3			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	12/9/2017	Mid-Flood	Fine	Moderate	10:54	14	B	13	3										NA	NA	NA	NA											

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
C1A	12/9/2017	Mid-Ebb	Fine	Moderate	14:25	28	S	1	1	7.65	7.65	22.18	22.19	28.83	28.83	70.7	70.7	4.82	4.82	4.81	8.1	8.1	8.1	0.01	0.01	0.04	0.000	0.000	0.001	0.01	0.24	0.88	1.13	1.13	1.14
C1A	12/9/2017	Mid-Ebb	Fine	Moderate	14:25	28	S	1	2	7.65		22.19		28.83		70.6		4.81			8.0			0.01			0.000			0.01	0.24	0.88	1.13		
C1A	12/9/2017	Mid-Ebb	Fine	Moderate	14:25	28	S	1	3																					0.01	0.24	0.88	1.13		
C1A	12/9/2017	Mid-Ebb	Fine	Moderate	14:25	28	M	14	1	7.71	7.71	23.67	23.67	28.66	28.66	70.8	70.8	4.80	4.80		7.6	7.6		0.05	0.05		0.002	0.002		0.05	0.22	0.88	1.15	1.15	
C1A	12/9/2017	Mid-Ebb	Fine	Moderate	14:25	28	M	14	2	7.71		23.67		28.66		70.7		4.80			7.5			0.05			0.002			0.05	0.22	0.88	1.15		
C1A	12/9/2017	Mid-Ebb	Fine	Moderate	14:25	28	M	14	3																					0.05	0.22	0.88	1.15		
C1A	12/9/2017	Mid-Ebb	Fine	Moderate	14:25	28	B	27	1	7.73	7.73	25.46	25.46	28.31	28.31	65.2	65.2	4.41	4.41		8.7	8.7		0.05	0.05		0.002	0.002		0.05	0.21	0.89	1.15	1.15	
C1A	12/9/2017	Mid-Ebb	Fine	Moderate	14:25	28	B	27	2	7.73		25.46		28.31		65.1		4.40			8.6			0.05			0.002			0.05	0.21	0.89	1.15		
C1A	12/9/2017	Mid-Ebb	Fine	Moderate	14:25	28	B	27	3																					0.05	0.21	0.90	1.16		
C2A	12/9/2017	Mid-Ebb	Fine	Moderate	16:45	13	S	1	1	7.80	7.80	27.41	27.41	28.27	28.27	67.9	67.9	4.53	4.53	4.54	5.9	5.9	6.7	0.20	0.20	0.18	0.007	0.007	0.006	0.20	0.12	0.51	0.83	0.84	0.82
C2A	12/9/2017	Mid-Ebb	Fine	Moderate	16:45	13	S	1	2	7.80		27.41		28.27		67.8		4.52			5.8			0.20			0.007			0.20	0.13	0.51	0.84		
C2A	12/9/2017	Mid-Ebb	Fine	Moderate	16:45	13	S	1	3																					0.20	0.13	0.51	0.84		
C2A	12/9/2017	Mid-Ebb	Fine	Moderate	16:45	13	M	6.5	1	7.80	7.80	27.45	27.45	28.30	28.30	68.3	68.4	4.55	4.56		5.9	5.9		0.15	0.15		0.005	0.005		0.15	0.13	0.51	0.79	0.78	
C2A	12/9/2017	Mid-Ebb	Fine	Moderate	16:45	13	M	6.5	2	7.80		27.45		28.30		68.4		4.56			5.8			0.15			0.005			0.15	0.13	0.50	0.78		
C2A	12/9/2017	Mid-Ebb	Fine	Moderate	16:45	13	M	6.5	3																					0.15	0.12	0.50	0.77		
C2A	12/9/2017	Mid-Ebb	Fine	Moderate	16:45	13	B	12	1	7.75	7.75	28.29	28.29	28.12	28.12	60.5	60.5	4.04	4.04		8.2	8.3		0.20	0.20		0.006	0.006		0.20	0.13	0.51	0.84	0.84	
C2A	12/9/2017	Mid-Ebb	Fine	Moderate	16:45	13	B	12	2	7.75		28.29		28.12		60.4		4.03			8.3			0.20			0.006			0.20	0.13	0.51	0.84		
C2A	12/9/2017	Mid-Ebb	Fine	Moderate	16:45	13	B	12	3																					0.20	0.13	0.51	0.84		
G2	12/9/2017	Mid-Ebb	Fine	Moderate	15:13	12	S	1	1	7.36	7.36	22.06	22.06	28.76	28.76	73.4	73.5	5.00	5.02	4.70	7.3	7.3	7.5	NA	NA	NA	NA	NA	NA	0.01	0.24	0.82	1.07	1.07	1.07
G2	12/9/2017	Mid-Ebb	Fine	Moderate	15:13	12	S	1	2	7.36		22.06		28.76		73.6		5.03			7.2			NA			NA			0.01	0.24	0.82	1.07		
G2	12/9/2017	Mid-Ebb	Fine	Moderate	15:13	12	S	1	3																					0.01	0.24	0.82	1.07		
G2	12/9/2017	Mid-Ebb	Fine	Moderate	15:13	12	M	6	1	7.58	7.58	26.24	26.24	28.25	28.25	64.7	64.8	4.37	4.38		7.7	7.7		NA	NA		NA	NA		0.01	0.25	0.81	1.07	1.07	
G2	12/9/2017	Mid-Ebb	Fine	Moderate	15:13	12	M	6	2	7.58		26.24		28.25		64.8		4.38			7.6			NA			NA			0.01	0.24	0.82	1.07		
G2	12/9/2017	Mid-Ebb	Fine	Moderate	15:13	12	M	6	3																					0.01	0.24	0.82	1.07		
G2	12/9/2017	Mid-Ebb	Fine	Moderate	15:13	12	B	11	1	7.67	7.67	27.12	27.12	28.12	28.12	63.3	63.3	4.26	4.26		7.6	7.6		NA	NA		NA	NA		0.01	0.25	0.81	1.07	1.07	
G2	12/9/2017	Mid-Ebb	Fine	Moderate	15:13	12	B	11	2	7.67		27.12		28.12		63.2		4.25			7.5			NA			NA			0.01	0.24	0.81	1.06		
G2	12/9/2017	Mid-Ebb	Fine	Moderate	15:13	12	B	11	3																					0.01	0.25	0.81	1.07		
SR2	12/9/2017	Mid-Ebb	Fine	Moderate	15:03	9	S	1	1	7.61	7.61	23.01	23.01	28.84	28.84	69.5	69.4	4.75	4.74	4.71	5.1	5.2	5.9	0.05	0.05	0.02	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA
SR2	12/9/2017	Mid-Ebb	Fine	Moderate	15:03	9	S	1	2	7.61		23.01		28.84		69.3		4.73			5.2			0.05			0.001			NA	NA	NA	NA		
SR2	12/9/2017	Mid-Ebb	Fine	Moderate	15:03	9	S	1	3																					NA	NA	NA	NA		
SR2	12/9/2017	Mid-Ebb	Fine	Moderate	15:03	9	M	4.5	1	7.69	7.69	25.85	25.85	28.14	28.14	68.5	68.5	4.67	4.67		5.4	5.5		0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA	NA
SR2	12/9/2017	Mid-Ebb	Fine	Moderate	15:03	9	M	4.5	2	7.69		25.85		28.14		68.5		4.67			5.5			0.01			0.000			NA	NA	NA	NA		
SR2	12/9/2017	Mid-Ebb	Fine	Moderate	15:03	9	M	4.5	3																					NA	NA	NA	NA		
SR2	12/9/2017	Mid-Ebb	Fine	Moderate	15:03	9	B	8	1	7.74	7.74	27.13	27.13	28.04	28.04	62.6	62.7	4.21	4.22		7.0	7.1		0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA	
SR2	12/9/2017	Mid-Ebb	Fine	Moderate	15:03	9	B	8	2	7.74		27.13		28.04		62.7		4.22			7.1			0.01			0.000			NA	NA	NA	NA		
SR2	12/9/2017	Mid-Ebb	Fine	Moderate	15:03	9	B	8	3																					NA	NA	NA	NA		
SR3	12/9/2017	Mid-Ebb	Fine	Moderate	15:28	8	S	1	1	7.38	7.38	22.51	22.51	28.96	28.96	72.4	72.5	4.91	4.92	4.70	7.5	7.5	9.0	0.01	0.01	0.02	0.000	0.000	0.001	NA	NA	NA	NA	NA	NA
SR3	12/9/2017	Mid-Ebb	Fine	Moderate	15:28	8	S	1	2	7.38		22.51		28.96		72.5		4.92			7.4			0.01			0.000			NA	NA	NA	NA		
SR3	12/9/2017	Mid-Ebb	Fine	Moderate	15:28	8	S	1	3																					NA	NA	NA	NA		
SR3	12/9/2017	Mid-Ebb	Fine	Moderate	15:28	8	M	4	1	7.52	7.52	25.72	25.72	28.25	28.25	66.4	66.4	4.49	4.49		9.5	9.6		0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA	
SR3	12/9/2017	Mid-Ebb	Fine	Moderate	15:28	8	M	4	2	7.52		25.72		28.25		66.4		4.49			9.6			0.01			0.000			NA	NA	NA	NA		
SR3	12/9/2017	Mid-Ebb	Fine	Moderate	15:28	8	M	4	3																					NA	NA	NA	NA		
SR3	12/9/2017	Mid-Ebb	Fine	Moderate	15:28	8	B	7	1	7.64	7.64	26.26	26.26	28.15	28.33	62.2	62.3	4.20	4.25		10.0	10.1		0.05	0.05		0.001	0.001		NA	NA	NA	NA	NA	
SR3	12/9/2017	Mid-Ebb	Fine	Moderate	15:28	8	B	7	2	7.64		26.26		28.50		62.3		4.30			10.1			0.05			0.001			NA	NA	NA	NA		
SR3	12/9/2017	Mid-Ebb	Fine	Moderate	15:28	8	B	7	3																					NA	NA	NA	NA		

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR4	12/9/2017	Mid-Ebb	Fine	Moderate	15:48	4	S	1	1	7.28	7.54	22.33	22.33	29.14	29.14	75.7	75.7	5.12	5.12	5.12	7.2	7.2	7.5	0.01	0.01	0.03	0.000	0.000	0.001	NA	NA	NA	NA	NA	NA
SR4	12/9/2017	Mid-Ebb	Fine	Moderate	15:48	4	S	1	2	7.80		22.33		29.14		75.6		5.11			7.1			0.01			0.000			NA	NA	NA	NA		
SR4	12/9/2017	Mid-Ebb	Fine	Moderate	15:48	4	S	1	3																					NA	NA	NA	NA		
SR4	12/9/2017	Mid-Ebb	Fine	Moderate	15:48	4	M		1																					NA	NA	NA	NA		
SR4	12/9/2017	Mid-Ebb	Fine	Moderate	15:48	4	M		2		NA		NA		NA		NA		NA			NA			NA			NA		NA	NA	NA	NA	NA	NA
SR4	12/9/2017	Mid-Ebb	Fine	Moderate	15:48	4	M		3																					NA	NA	NA	NA		
SR4	12/9/2017	Mid-Ebb	Fine	Moderate	15:48	4	B	3	1	7.56	7.56	23.88	23.88	28.62	28.32	67.6	67.6	4.58	4.58		7.8	7.9		0.04	0.04		0.001	0.001		NA	NA	NA	NA		
SR4	12/9/2017	Mid-Ebb	Fine	Moderate	15:48	4	B	3	2	7.56		23.88		28.02		67.5		4.57			7.9			0.04			0.001			NA	NA	NA	NA	NA	
SR4	12/9/2017	Mid-Ebb	Fine	Moderate	15:48	4	B	3	3																					NA	NA	NA	NA		
SR5	12/9/2017	Mid-Ebb	Fine	Moderate	14:45	11	S	1	1	7.67	7.67	25.07	25.07	28.44	28.44	66.4	66.4	4.49	4.50	4.40	8.9	9.0	9.6	NA	NA	NA	NA	NA	NA	0.01	0.24	0.85	1.10	1.10	1.10
SR5	12/9/2017	Mid-Ebb	Fine	Moderate	14:45	11	S	1	2	7.67		25.07		28.44		66.3		4.50			9.0			NA			NA			0.01	0.24	0.84	1.09		
SR5	12/9/2017	Mid-Ebb	Fine	Moderate	14:45	11	S	1	3																					0.01	0.25	0.85	1.11		
SR5	12/9/2017	Mid-Ebb	Fine	Moderate	14:45	11	M	5.5	1	7.76	7.76	26.51	26.51	28.18	28.18	64.0	64.0	4.30	4.30		9.4	9.4		NA	NA		NA	NA		0.01	0.25	0.84	1.10	1.10	
SR5	12/9/2017	Mid-Ebb	Fine	Moderate	14:45	11	M	5.5	2	7.76		26.51		28.18		63.9		4.29			9.3			NA			NA			0.01	0.25	0.84	1.10		
SR5	12/9/2017	Mid-Ebb	Fine	Moderate	14:45	11	M	5.5	3																					0.01	0.24	0.85	1.10		
SR5	12/9/2017	Mid-Ebb	Fine	Moderate	14:45	11	B	10	1	7.78	7.78	27.45	27.45	28.02	28.02	62.3	62.2	4.18	4.18		10.5	10.5		NA	NA		NA	NA		0.01	0.25	0.85	1.11	1.10	
SR5	12/9/2017	Mid-Ebb	Fine	Moderate	14:45	11	B	10	2	7.78		27.45		28.02		62.1		4.17			10.4			NA			NA			0.01	0.24	0.86	1.11		
SR5	12/9/2017	Mid-Ebb	Fine	Moderate	14:45	11	B	10	3																					0.01	0.24	0.84	1.09		
SR12	12/9/2017	Mid-Ebb	Fine	Moderate	16:00	15	S	1	1	7.07	7.07	23.52	23.52	28.98	28.98	72.9	72.9	4.91	4.91	4.81	7.1	7.2	7.1	0.10	0.10	0.06	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA
SR12	12/9/2017	Mid-Ebb	Fine	Moderate	16:00	15	S	1	2	7.07		23.52		28.98		72.8		4.90			7.2			0.10			0.001			NA	NA	NA	NA		
SR12	12/9/2017	Mid-Ebb	Fine	Moderate	16:00	15	S	1	3																					NA	NA	NA	NA		
SR12	12/9/2017	Mid-Ebb	Fine	Moderate	16:00	15	M	7.5	1	7.56	7.56	24.85	24.85	28.70	28.70	69.8	69.8	4.71	4.71		6.9	7.0		0.07	0.08		0.002	0.002		NA	NA	NA	NA	NA	NA
SR12	12/9/2017	Mid-Ebb	Fine	Moderate	16:00	15	M	7.5	2	7.56		24.85		28.70		69.7		4.70			7.0			0.08			0.002			NA	NA	NA	NA		
SR12	12/9/2017	Mid-Ebb	Fine	Moderate	16:00	15	M	7.5	3																					NA	NA	NA	NA		
SR12	12/9/2017	Mid-Ebb	Fine	Moderate	16:00	15	B	14	1	7.64	7.64	26.29	26.29	28.43	28.43	64.1	64.1	4.31	4.31		7.1	7.2		0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA	
SR12	12/9/2017	Mid-Ebb	Fine	Moderate	16:00	15	B	14	2	7.64		26.29		28.43		64.0		4.30			7.2			0.01			0.000			NA	NA	NA	NA		
SR12	12/9/2017	Mid-Ebb	Fine	Moderate	16:00	15	B	14	3																					NA	NA	NA	NA		
SR13	12/9/2017	Mid-Ebb	Fine	Moderate	16:22	14	S	1	1	7.26	7.26	26.76	26.76	28.66	28.66	70.4	70.4	4.70	4.70	4.50	6.7	6.8	8.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	12/9/2017	Mid-Ebb	Fine	Moderate	16:22	14	S	1	2	7.26		26.76		28.66		70.3		4.69			6.8			NA			NA			NA	NA	NA	NA		
SR13	12/9/2017	Mid-Ebb	Fine	Moderate	16:22	14	S	1	3																					NA	NA	NA	NA		
SR13	12/9/2017	Mid-Ebb	Fine	Moderate	16:22	14	M	7	1	7.57	7.57	27.44	27.44	28.29	28.29	64.4	64.4	4.30	4.30		7.6	7.7		NA	NA		NA	NA		NA	NA	NA	NA	NA	NA
SR13	12/9/2017	Mid-Ebb	Fine	Moderate	16:22	14	M	7	2	7.57		27.44		28.29		64.3		4.29			7.8			NA			NA			NA	NA	NA	NA		
SR13	12/9/2017	Mid-Ebb	Fine	Moderate	16:22	14	M	7	3																					NA	NA	NA	NA		
SR13	12/9/2017	Mid-Ebb	Fine	Moderate	16:22	14	B	13	1	7.64	7.64	28.09	28.09	28.10	28.10	61.9	61.9	4.13	4.13		9.5	9.5		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	12/9/2017	Mid-Ebb	Fine	Moderate	16:22	14	B	13	2	7.64		28.09		28.10		61.8		4.12			9.4			NA			NA			NA	NA	NA	NA		
SR13	12/9/2017	Mid-Ebb	Fine	Moderate	16:22	14	B	13	3																					NA	NA	NA	NA		

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
C1A	12/9/2017	Mid-Ebb	Fine	Moderate	14:25	28	S	1	1	4	3		<0.01	0.01		0.000	0.000		<0.01	0.24	0.88	1.12	1.12		14	17		NA	NA		<1	1	
C1A	12/9/2017	Mid-Ebb	Fine	Moderate	14:25	28	S	1	2	2			<0.01			0.000			<0.01	0.24	0.88	1.12			21			NA			<1		
C1A	12/9/2017	Mid-Ebb	Fine	Moderate	14:25	28	S	1	3										<0.01	0.24	0.88	1.12												
C1A	12/9/2017	Mid-Ebb	Fine	Moderate	14:25	28	M	14	1	2	3	3	0.04	0.04	0.03	0.001	0.001	0.001	0.04	0.22	0.88	1.14	1.14	1.14	350	379	155	NA	NA	NA	<1	1	1
C1A	12/9/2017	Mid-Ebb	Fine	Moderate	14:25	28	M	14	2	3			0.03			0.001			0.03	0.22	0.88	1.13			410			NA			<1		
C1A	12/9/2017	Mid-Ebb	Fine	Moderate	14:25	28	M	14	3										0.04	0.22	0.88	1.14												
C1A	12/9/2017	Mid-Ebb	Fine	Moderate	14:25	28	B	27	1	3	3		0.06	0.06		0.002	0.002		0.06	0.21	0.89	1.16	1.16		530	573		NA	NA		<1	1	
C1A	12/9/2017	Mid-Ebb	Fine	Moderate	14:25	28	B	27	2	3			0.05			0.002			0.05	0.21	0.89	1.15			620			NA			1		
C1A	12/9/2017	Mid-Ebb	Fine	Moderate	14:25	28	B	27	3										0.05	0.21	0.90	1.16												
C2A	12/9/2017	Mid-Ebb	Fine	Moderate	16:45	13	S	1	1	3	4		0.12	0.15		0.004	0.005		0.12	0.12	0.51	0.75	0.80		630	489		NA	NA		<1	1	
C2A	12/9/2017	Mid-Ebb	Fine	Moderate	16:45	13	S	1	2	5			0.18			0.006			0.18	0.13	0.51	0.82			380			NA			<1		
C2A	12/9/2017	Mid-Ebb	Fine	Moderate	16:45	13	S	1	3										0.18	0.13	0.51	0.82												
C2A	12/9/2017	Mid-Ebb	Fine	Moderate	16:45	13	M	6.5	1	5	6	5	0.16	0.15	0.17	0.006	0.005	0.006	0.16	0.13	0.51	0.80	0.78	0.80	420	394	141	NA	NA	NA	1	1	1
C2A	12/9/2017	Mid-Ebb	Fine	Moderate	16:45	13	M	6.5	2	7			0.14			0.005			0.14	0.13	0.50	0.77			370			NA			<1		
C2A	12/9/2017	Mid-Ebb	Fine	Moderate	16:45	13	M	6.5	3										0.14	0.12	0.50	0.76												
C2A	12/9/2017	Mid-Ebb	Fine	Moderate	16:45	13	B	12	1	5	6		0.20	0.20		0.006	0.006		0.20	0.13	0.51	0.84	0.84		14	14		NA	NA		<1	1	
C2A	12/9/2017	Mid-Ebb	Fine	Moderate	16:45	13	B	12	2	6			0.20			0.006			0.20	0.13	0.51	0.84			15			NA			<1		
C2A	12/9/2017	Mid-Ebb	Fine	Moderate	16:45	13	B	12	3										0.20	0.13	0.51	0.84												
G2	12/9/2017	Mid-Ebb	Fine	Moderate	15:13	12	S	1	1	3	3		NA	NA		NA	NA		<0.01	0.24	0.82	1.06	1.06		NA	NA		NA	NA		NA	NA	
G2	12/9/2017	Mid-Ebb	Fine	Moderate	15:13	12	S	1	2	3			NA			NA			<0.01	0.24	0.82	1.06			NA			NA			NA		
G2	12/9/2017	Mid-Ebb	Fine	Moderate	15:13	12	S	1	3										<0.01	0.24	0.82	1.06												
G2	12/9/2017	Mid-Ebb	Fine	Moderate	15:13	12	M	6	1	3	3	3	NA	NA	NA	NA	NA	NA	<0.01	0.25	0.81	1.06	1.06	1.06	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	12/9/2017	Mid-Ebb	Fine	Moderate	15:13	12	M	6	2	2			NA			NA			<0.01	0.24	0.82	1.06			NA			NA			NA		
G2	12/9/2017	Mid-Ebb	Fine	Moderate	15:13	12	M	6	3										<0.01	0.24	0.82	1.06												
G2	12/9/2017	Mid-Ebb	Fine	Moderate	15:13	12	B	11	1	2	3		NA	NA		NA	NA		<0.01	0.25	0.81	1.06	1.06		NA	NA		NA	NA		NA	NA	
G2	12/9/2017	Mid-Ebb	Fine	Moderate	15:13	12	B	11	2	3			NA			NA			<0.01	0.24	0.81	1.05			NA			NA			NA		
G2	12/9/2017	Mid-Ebb	Fine	Moderate	15:13	12	B	11	3										<0.01	0.25	0.81	1.06												
SR2	12/9/2017	Mid-Ebb	Fine	Moderate	15:03	9	S	1	1	6	5		0.05	0.04		0.001	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	12/9/2017	Mid-Ebb	Fine	Moderate	15:03	9	S	1	2	4			0.03			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	12/9/2017	Mid-Ebb	Fine	Moderate	15:03	9	S	1	3										NA	NA	NA	NA												
SR2	12/9/2017	Mid-Ebb	Fine	Moderate	15:03	9	M	4.5	1	4	4	5	0.02	0.02	0.02	0.001	0.000	0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	12/9/2017	Mid-Ebb	Fine	Moderate	15:03	9	M	4.5	2	4			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR2	12/9/2017	Mid-Ebb	Fine	Moderate	15:03	9	M	4.5	3										NA	NA	NA	NA												
SR2	12/9/2017	Mid-Ebb	Fine	Moderate	15:03	9	B	8	1	4	5		<0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	12/9/2017	Mid-Ebb	Fine	Moderate	15:03	9	B	8	2	5			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR2	12/9/2017	Mid-Ebb	Fine	Moderate	15:03	9	B	8	3										NA	NA	NA	NA												
SR3	12/9/2017	Mid-Ebb	Fine	Moderate	15:28	8	S	1	1	2	2		<0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	12/9/2017	Mid-Ebb	Fine	Moderate	15:28	8	S	1	2	<1			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR3	12/9/2017	Mid-Ebb	Fine	Moderate	15:28	8	S	1	3										NA	NA	NA	NA												
SR3	12/9/2017	Mid-Ebb	Fine	Moderate	15:28	8	M	4	1	5	5	3	<0.01	0.01	0.02	0.000	0.000	0.000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	12/9/2017	Mid-Ebb	Fine	Moderate	15:28	8	M	4	2	4			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR3	12/9/2017	Mid-Ebb	Fine	Moderate	15:28	8	M	4	3										NA	NA	NA	NA												
SR3	12/9/2017	Mid-Ebb	Fine	Moderate	15:28	8	B	7	1	4	4		0.06	0.04		0.002	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	12/9/2017	Mid-Ebb	Fine	Moderate	15:28	8	B	7	2	4			0.02			0.001			NA	NA	NA	NA			NA			NA			NA		
SR3	12/9/2017	Mid-Ebb	Fine	Moderate	15:28	8	B	7	3										NA	NA	NA	NA												

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
SR4	12/9/2017	Mid-Ebb	Fine	Moderate	15:48	4	S	1	1	2	2	2	<0.01	0.01	0.03	0.000	0.000	0.001	NA	NA	NA	NA	NA	NA	35	31	20	NA	NA	NA	<1	1	1
SR4	12/9/2017	Mid-Ebb	Fine	Moderate	15:48	4	S	1	2	<1			<0.01			0.000			NA	NA	NA	NA			28			NA			<1		
SR4	12/9/2017	Mid-Ebb	Fine	Moderate	15:48	4	S	1	3										NA	NA	NA	NA											
SR4	12/9/2017	Mid-Ebb	Fine	Moderate	15:48	4	M		1										NA	NA	NA	NA						NA					
SR4	12/9/2017	Mid-Ebb	Fine	Moderate	15:48	4	M		2		NA			NA			NA		NA	NA	NA	NA	NA	NA		NA		NA	NA			NA	
SR4	12/9/2017	Mid-Ebb	Fine	Moderate	15:48	4	M		3										NA	NA	NA	NA											
SR4	12/9/2017	Mid-Ebb	Fine	Moderate	15:48	4	B	3	1	2	2		0.04	0.04		0.001	0.001		NA	NA	NA	NA	NA		11	13		NA	NA		<1	1	
SR4	12/9/2017	Mid-Ebb	Fine	Moderate	15:48	4	B	3	2	1			0.04			0.001			NA	NA	NA	NA			16			NA			<1		
SR4	12/9/2017	Mid-Ebb	Fine	Moderate	15:48	4	B	3	3										NA	NA	NA	NA											
SR5	12/9/2017	Mid-Ebb	Fine	Moderate	14:45	11	S	1	1	3	3	3	NA	NA	NA	NA	NA	NA	<0.01	0.24	0.85	1.09	1.09	1.10	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	12/9/2017	Mid-Ebb	Fine	Moderate	14:45	11	S	1	2	3			NA			NA			0.01	0.24	0.84	1.09			NA			NA			NA		
SR5	12/9/2017	Mid-Ebb	Fine	Moderate	14:45	11	S	1	3										<0.01	0.25	0.85	1.10											
SR5	12/9/2017	Mid-Ebb	Fine	Moderate	14:45	11	M	5.5	1	2			NA			NA			<0.01	0.25	0.84	1.09			NA			NA			NA		
SR5	12/9/2017	Mid-Ebb	Fine	Moderate	14:45	11	M	5.5	2	4			NA			NA			<0.01	0.25	0.84	1.09			NA			NA			NA		
SR5	12/9/2017	Mid-Ebb	Fine	Moderate	14:45	11	M	5.5	3										<0.01	0.24	0.85	1.09											
SR5	12/9/2017	Mid-Ebb	Fine	Moderate	14:45	11	B	10	1	4			NA			NA			0.02	0.25	0.85	1.12			NA			NA			NA		
SR5	12/9/2017	Mid-Ebb	Fine	Moderate	14:45	11	B	10	2	4	4		NA	NA		NA	NA		0.03	0.24	0.86	1.13	1.12		NA	NA		NA	NA		NA	NA	
SR5	12/9/2017	Mid-Ebb	Fine	Moderate	14:45	11	B	10	3										0.03	0.24	0.84	1.11											
SR12	12/9/2017	Mid-Ebb	Fine	Moderate	16:00	15	S	1	1	5	6	5	0.14	0.11	0.07	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA	120	139	107	NA	NA	NA	1	1	1
SR12	12/9/2017	Mid-Ebb	Fine	Moderate	16:00	15	S	1	2	6			0.08			0.001			NA	NA	NA	NA			160			NA			1		
SR12	12/9/2017	Mid-Ebb	Fine	Moderate	16:00	15	S	1	3										NA	NA	NA	NA											
SR12	12/9/2017	Mid-Ebb	Fine	Moderate	16:00	15	M	7.5	1	6	5		0.07	0.08		0.002	0.002		NA	NA	NA	NA	NA		180	147		NA	NA		<1	1	
SR12	12/9/2017	Mid-Ebb	Fine	Moderate	16:00	15	M	7.5	2	4			0.08			0.002			NA	NA	NA	NA			120			NA			<1		
SR12	12/9/2017	Mid-Ebb	Fine	Moderate	16:00	15	M	7.5	3										NA	NA	NA	NA											
SR12	12/9/2017	Mid-Ebb	Fine	Moderate	16:00	15	B	14	1	4	4		<0.01	0.02		0.000	0.000		NA	NA	NA	NA	NA		56	59		NA	NA		<1	1	
SR12	12/9/2017	Mid-Ebb	Fine	Moderate	16:00	15	B	14	2	4			0.02			0.001			NA	NA	NA	NA			63			NA			<1		
SR12	12/9/2017	Mid-Ebb	Fine	Moderate	16:00	15	B	14	3										NA	NA	NA	NA											
SR13	12/9/2017	Mid-Ebb	Fine	Moderate	16:22	14	S	1	1	2	2	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	12/9/2017	Mid-Ebb	Fine	Moderate	16:22	14	S	1	2	2			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	12/9/2017	Mid-Ebb	Fine	Moderate	16:22	14	S	1	3										NA	NA	NA	NA											
SR13	12/9/2017	Mid-Ebb	Fine	Moderate	16:22	14	M	7	1	2	2		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	12/9/2017	Mid-Ebb	Fine	Moderate	16:22	14	M	7	2	<1			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	12/9/2017	Mid-Ebb	Fine	Moderate	16:22	14	M	7	3										NA	NA	NA	NA											
SR13	12/9/2017	Mid-Ebb	Fine	Moderate	16:22	14	B	13	1	<1	2		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	12/9/2017	Mid-Ebb	Fine	Moderate	16:22	14	B	13	2	2			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	12/9/2017	Mid-Ebb	Fine	Moderate	16:22	14	B	13	3										NA	NA	NA	NA											

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
C1A	14/9/2017	Mid-Flood	Fine	Moderate	10:25	28	S	1	1	7.70	7.70	22.77	22.77	28.81	28.81	85.3	85.3	5.84	5.84	5.61	7.4	7.5	8.0	0.01	0.01	0.01	0.000	0.000	0.000	0.01	0.19	0.79	0.99	1.00	0.99
C1A	14/9/2017	Mid-Flood	Fine	Moderate	10:25	28	S	1	2	7.70		22.77		28.81		85.2		5.83			7.5			0.01			0.000			0.01	0.19	0.80	1.00		
C1A	14/9/2017	Mid-Flood	Fine	Moderate	10:25	28	S	1	3																					0.01	0.19	0.80	1.00		
C1A	14/9/2017	Mid-Flood	Fine	Moderate	10:25	28	M	14	1	7.74	7.74	22.69	22.69	28.65	28.65	78.9	78.9	5.38	5.38		7.8	7.8		0.01	0.01		0.000	0.000		0.01	0.19	0.80	1.00		
C1A	14/9/2017	Mid-Flood	Fine	Moderate	10:25	28	M	14	2	7.74		22.69		28.65		78.8		5.37			7.7			0.01			0.000			0.01	0.20	0.79	1.00		
C1A	14/9/2017	Mid-Flood	Fine	Moderate	10:25	28	M	14	3																					0.01	0.19	0.80	1.00		
C1A	14/9/2017	Mid-Flood	Fine	Moderate	10:25	28	B	27	1	7.73	7.73	24.30	24.30	28.55	28.55	68.5	68.5	4.64	4.64		8.7	8.7		0.01	0.01		0.000	0.000		0.01	0.17	0.80	0.98		
C1A	14/9/2017	Mid-Flood	Fine	Moderate	10:25	28	B	27	2	7.73		24.30		28.55		68.4		4.63			8.6			0.01			0.000			0.01	0.18	0.80	0.99		
C1A	14/9/2017	Mid-Flood	Fine	Moderate	10:25	28	B	27	3																					0.01	0.18	0.80	0.99		
C2A	14/9/2017	Mid-Flood	Windy	Rough	13:28	13	S	1	1	7.97	7.97	29.31	29.31	27.78	27.78	65.1	65.2	4.34	4.35	4.27	7.5	7.5	7.8	0.20	0.20	0.20	0.010	0.010	0.008	0.20	0.09	0.39	0.68	0.67	0.68
C2A	14/9/2017	Mid-Flood	Windy	Rough	13:28	13	S	1	2	7.97		29.31		27.78		65.2		4.35			7.4			0.20			0.010			0.20	0.10	0.37	0.67		
C2A	14/9/2017	Mid-Flood	Windy	Rough	13:28	13	S	1	3																					0.20	0.09	0.38	0.67		
C2A	14/9/2017	Mid-Flood	Windy	Rough	13:28	13	M	6.5	1	7.85	7.85	29.45	29.45	27.75	27.75	62.8	62.9	4.19	4.20		7.9	8.0		0.20	0.20		0.008	0.008		0.20	0.09	0.38	0.67		
C2A	14/9/2017	Mid-Flood	Windy	Rough	13:28	13	M	6.5	2	7.85		29.45		27.75		62.9		4.20			8.0			0.20			0.008			0.20	0.09	0.39	0.68		
C2A	14/9/2017	Mid-Flood	Windy	Rough	13:28	13	M	6.5	3																					0.20	0.09	0.39	0.68		
C2A	14/9/2017	Mid-Flood	Windy	Rough	13:28	13	B	12	1	7.86	7.86	29.64	29.64	27.75	27.75	63.8	63.9	4.26	4.27		8.0	8.0		0.20	0.20		0.008	0.008		0.20	0.07	0.43	0.70		
C2A	14/9/2017	Mid-Flood	Windy	Rough	13:28	13	B	12	2	7.86		29.64		27.75		63.9		4.27			7.9			0.20			0.008			0.20	0.09	0.39	0.68		
C2A	14/9/2017	Mid-Flood	Windy	Rough	13:28	13	B	12	3																					0.20	0.09	0.39	0.68		
G2	14/9/2017	Mid-Flood	Fine	Moderate	11:08	12	S	1	1	7.71	7.71	24.53	24.53	28.48	28.48	75.2	75.3	5.11	5.12	5.08	7.6	7.7	7.7	NA	NA	NA	NA	NA	NA	0.01	0.17	0.77	0.95	0.95	0.96
G2	14/9/2017	Mid-Flood	Fine	Moderate	11:08	12	S	1	2	7.71		24.53		28.48		75.3		5.12			7.7			NA			NA			0.01	0.18	0.76	0.95		
G2	14/9/2017	Mid-Flood	Fine	Moderate	11:08	12	S	1	3																					0.01	0.17	0.78	0.96		
G2	14/9/2017	Mid-Flood	Fine	Moderate	11:08	12	M	6	1	7.74	7.74	24.70	24.70	28.48	28.48	74.4	74.5	5.04	5.05		7.7	7.7		NA	NA		NA	NA		0.01	0.18	0.77	0.96		
G2	14/9/2017	Mid-Flood	Fine	Moderate	11:08	12	M	6	2	7.74		24.70		28.48		74.5		5.05			7.6			NA			NA			0.01	0.17	0.77	0.95		
G2	14/9/2017	Mid-Flood	Fine	Moderate	11:08	12	M	6	3																					0.01	0.17	0.78	0.96		
G2	14/9/2017	Mid-Flood	Fine	Moderate	11:08	12	B	11	1	7.75	7.75	24.86	24.86	28.41	28.41	74.9	74.9	5.08	5.08		7.8	7.9		NA	NA		NA	NA		0.01	0.18	0.77	0.96		
G2	14/9/2017	Mid-Flood	Fine	Moderate	11:08	12	B	11	2	7.75		24.86		28.41		74.8		5.07			7.9			NA			NA			0.01	0.18	0.76	0.95		
G2	14/9/2017	Mid-Flood	Fine	Moderate	11:08	12	B	11	3																					0.01	0.18	0.76	0.95		
SR2	14/9/2017	Mid-Flood	Fine	Moderate	11:00	9	S	1	1	7.76	7.76	24.77	24.77	28.44	28.44	79.5	79.4	5.39	5.39	5.31	7.2	7.2	7.3	0.01	0.01	0.01	0.000	0.000	0.000	NA	NA	NA	NA	NA	NA
SR2	14/9/2017	Mid-Flood	Fine	Moderate	11:00	9	S	1	2	7.76		24.77		28.44		79.4		5.38			7.1			0.01			0.000			NA	NA	NA	NA		
SR2	14/9/2017	Mid-Flood	Fine	Moderate	11:00	9	S	1	3																					NA	NA	NA	NA		
SR2	14/9/2017	Mid-Flood	Fine	Moderate	11:00	9	M	4.5	1	7.77	7.77	24.91	24.91	28.40	28.40	77.9	77.8	5.23	5.24		7.1	7.0		0.01	0.01		0.000	0.000		NA	NA	NA	NA		
SR2	14/9/2017	Mid-Flood	Fine	Moderate	11:00	9	M	4.5	2	7.77		24.91		28.40		77.8		5.24			7.0			0.01			0.000			NA	NA	NA	NA		
SR2	14/9/2017	Mid-Flood	Fine	Moderate	11:00	9	M	4.5	3																					NA	NA	NA	NA		
SR2	14/9/2017	Mid-Flood	Fine	Moderate	11:00	9	B	8	1	7.77	7.77	25.27	25.27	28.35	28.35	74.5	74.6	5.04	5.05		7.7	7.8		0.01	0.01		0.000	0.000		NA	NA	NA	NA		
SR2	14/9/2017	Mid-Flood	Fine	Moderate	11:00	9	B	8	2	7.77		25.27		28.35		74.6		5.05			7.8			0.01			0.000			NA	NA	NA	NA		
SR2	14/9/2017	Mid-Flood	Fine	Moderate	11:00	9	B	8	3																					NA	NA	NA	NA		
SR3	14/9/2017	Mid-Flood	Fine	Moderate	11:21	8	S	1	1	7.73	7.73	23.64	23.64	28.62	28.62	78.8	78.9	5.35	5.36	5.33	7.9	7.9	7.9	0.01	0.01	0.03	0.000	0.000	0.001	NA	NA	NA	NA	NA	NA
SR3	14/9/2017	Mid-Flood	Fine	Moderate	11:21	8	S	1	2	7.73		23.64		28.62		78.9		5.36			7.8			0.01			0.000			NA	NA	NA	NA		
SR3	14/9/2017	Mid-Flood	Fine	Moderate	11:21	8	S	1	3																					NA	NA	NA	NA		
SR3	14/9/2017	Mid-Flood	Fine	Moderate	11:21	8	M	4	1	7.75	7.75	23.81	23.81	28.55	28.55	78.3	78.2	5.30	5.31		7.9	7.8		0.03	0.03		0.001	0.001		NA	NA	NA	NA		
SR3	14/9/2017	Mid-Flood	Fine	Moderate	11:21	8	M	4	2	7.75		23.81		28.55		78.2		5.31			7.8			0.03			0.001			NA	NA	NA	NA		
SR3	14/9/2017	Mid-Flood	Fine	Moderate	11:21	8	M	4	3																					NA	NA	NA	NA		
SR3	14/9/2017	Mid-Flood	Fine	Moderate	11:21	8	B	7	1	7.76	7.76	23.99	23.99	28.53	28.53	77.5	77.4	5.27	5.26		7.9	8.0		0.05	0.05		0.002	0.002		NA	NA	NA	NA		
SR3	14/9/2017	Mid-Flood	Fine	Moderate	11:21	8	B	7	2	7.76		23.99		28.53		77.4		5.26			8.0			0.05			0.002			NA	NA	NA	NA		
SR3	14/9/2017	Mid-Flood	Fine	Moderate	11:21	8	B	7	3																					NA	NA	NA	NA		

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																									
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR4	14/9/2017	Mid-Flood	Fine	Moderate	11:26	4	S	1	1	7.67		25.11		28.49		76.9		5.19			8.7			0.01			0.000			NA	NA	NA	NA		
SR4	14/9/2017	Mid-Flood	Fine	Moderate	11:26	4	S	1	2	7.67	7.67	25.11	25.11	28.49	28.49	76.8	76.9	5.18	5.19		8.8	8.8		0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA	
SR4	14/9/2017	Mid-Flood	Fine	Moderate	11:26	4	S	1	3											5.19										NA	NA	NA	NA		
SR4	14/9/2017	Mid-Flood	Fine	Moderate	11:26	4	M		1																					NA	NA	NA	NA		
SR4	14/9/2017	Mid-Flood	Fine	Moderate	11:26	4	M		2		NA		NA		NA		NA		NA			NA	8.6		NA	0.03		NA	0.001	NA	NA	NA	NA	NA	NA
SR4	14/9/2017	Mid-Flood	Fine	Moderate	11:26	4	M		3																					NA	NA	NA	NA		
SR4	14/9/2017	Mid-Flood	Fine	Moderate	11:26	4	B	3	1	7.76		25.44		28.40		75.2		5.07			8.5			0.05			0.002			NA	NA	NA	NA		
SR4	14/9/2017	Mid-Flood	Fine	Moderate	11:26	4	B	3	2	7.76	7.76	25.44	25.44	28.40	28.40	75.1	75.2	5.06	5.07		8.4	8.5		0.05	0.05		0.002	0.002		NA	NA	NA	NA	NA	
SR4	14/9/2017	Mid-Flood	Fine	Moderate	11:26	4	B	3	3																					NA	NA	NA	NA		
SR5	14/9/2017	Mid-Flood	Fine	Moderate	10:48	11	S	1	1	7.11		22.31		28.70		83.4		5.70			7.4			NA			NA			0.01	0.20	0.86	1.07		
SR5	14/9/2017	Mid-Flood	Fine	Moderate	10:48	11	S	1	2	7.11	7.11	22.31	22.31	28.70	28.70	83.5	83.5	5.69	5.70		7.3	7.4		NA	NA		NA	NA		0.01	0.19	0.87	1.07	1.07	
SR5	14/9/2017	Mid-Flood	Fine	Moderate	10:48	11	S	1	3											5.53										0.01	0.19	0.86	1.06		
SR5	14/9/2017	Mid-Flood	Fine	Moderate	10:48	11	M	5.5	1	7.74		22.63		28.64		78.9		5.37			7.6			NA			NA			0.01	0.19	0.85	1.05		
SR5	14/9/2017	Mid-Flood	Fine	Moderate	10:48	11	M	5.5	2	7.74	7.74	22.63	22.63	28.64	28.64	78.9	78.9	5.36	5.37		7.5	7.6	7.6	NA	NA	NA	NA	NA	NA	0.01	0.19	0.86	1.06	1.06	1.06
SR5	14/9/2017	Mid-Flood	Fine	Moderate	10:48	11	M	5.5	3																					0.01	0.19	0.86	1.06		
SR5	14/9/2017	Mid-Flood	Fine	Moderate	10:48	11	B	10	1	7.74		22.84		28.61		75.0		5.12			7.7			NA			NA			0.01	0.19	0.85	1.05		
SR5	14/9/2017	Mid-Flood	Fine	Moderate	10:48	11	B	10	2	7.74	7.74	22.84	22.84	28.61	28.61	75.1	75.1	5.13	5.13		7.8	7.8		NA	NA		NA	NA		0.01	0.19	0.85	1.05	1.05	
SR5	14/9/2017	Mid-Flood	Fine	Moderate	10:48	11	B	10	3																					0.01	0.19	0.86	1.06		
SR12	14/9/2017	Mid-Flood	Windy	Rough	12:46	15	S	1	1	7.78		26.78		28.18		72.4		4.85			8.3			0.02			0.001			NA	NA	NA	NA		
SR12	14/9/2017	Mid-Flood	Windy	Rough	12:46	15	S	1	2	7.78	7.78	26.78	26.78	28.18	28.18	72.5	72.5	4.86	4.86		8.2	8.3		0.03	0.03		0.001	0.001		NA	NA	NA	NA	NA	
SR12	14/9/2017	Mid-Flood	Windy	Rough	12:46	15	S	1	3											4.87										NA	NA	NA	NA		
SR12	14/9/2017	Mid-Flood	Windy	Rough	12:46	15	M	7.5	1	7.76		26.71		28.18		72.7		4.88			8.7			0.04			0.001			NA	NA	NA	NA		
SR12	14/9/2017	Mid-Flood	Windy	Rough	12:46	15	M	7.5	2	7.76	7.76	26.71	26.71	28.18	28.18	72.8	72.8	4.89	4.89		8.6	8.7	8.5	0.04	0.04	0.03	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA
SR12	14/9/2017	Mid-Flood	Windy	Rough	12:46	15	M	7.5	3																					NA	NA	NA	NA		
SR12	14/9/2017	Mid-Flood	Windy	Rough	12:46	15	B	14	1	7.90		26.75		28.18		72.8		4.89			8.6			0.03			0.001			NA	NA	NA	NA		
SR12	14/9/2017	Mid-Flood	Windy	Rough	12:46	15	B	14	2	7.90	7.90	26.75	26.75	28.18	28.18	72.9	72.9	4.87	4.88		8.7	8.7		0.03	0.03		0.001	0.001		NA	NA	NA	NA	NA	
SR12	14/9/2017	Mid-Flood	Windy	Rough	12:46	15	B	14	3																					NA	NA	NA	NA		
SR13	14/9/2017	Mid-Flood	Windy	Rough	13:08	14	S	1	1	7.75		28.59		27.91		65.1		4.36			7.6			NA			NA			NA	NA	NA	NA		
SR13	14/9/2017	Mid-Flood	Windy	Rough	13:08	14	S	1	2	7.75	7.75	28.59	28.59	27.91	27.91	65.1	65.1	4.36	4.36		7.7	7.7		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	14/9/2017	Mid-Flood	Windy	Rough	13:08	14	S	1	3											4.28										NA	NA	NA	NA		
SR13	14/9/2017	Mid-Flood	Windy	Rough	13:08	14	M	7	1	7.80		28.52		27.92		62.9		4.21			7.3			NA			NA			NA	NA	NA	NA		
SR13	14/9/2017	Mid-Flood	Windy	Rough	13:08	14	M	7	2	7.80	7.80	28.52	28.52	27.92	27.92	62.8	62.9	4.20	4.21		7.4	7.4	7.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	14/9/2017	Mid-Flood	Windy	Rough	13:08	14	M	7	3																					NA	NA	NA	NA		
SR13	14/9/2017	Mid-Flood	Windy	Rough	13:08	14	B	13	1	7.79		28.94		27.91		59.8		3.98			7.9			NA			NA			NA	NA	NA	NA		
SR13	14/9/2017	Mid-Flood	Windy	Rough	13:08	14	B	13	2	7.79	7.79	28.94	28.94	27.91	27.91	59.7	59.8	3.97	3.98		8.0	8.0		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	14/9/2017	Mid-Flood	Windy	Rough	13:08	14	B	13	3																					NA	NA	NA	NA		

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
C1A	14/9/2017	Mid-Flood	Fine	Moderate	10:25	28	S	1	1	<1	2	1	<0.01	0.01	0.02	0.000	0.000	0.001	<0.01	0.19	0.79	0.98	0.99	1.00	23	19	15	NA	NA	NA	<1	1	1
C1A	14/9/2017	Mid-Flood	Fine	Moderate	10:25	28	S	1	2	2			<0.01			0.000			<0.01	0.19	0.80	0.99			15			NA			<1		
C1A	14/9/2017	Mid-Flood	Fine	Moderate	10:25	28	S	1	3										0.01	0.19	0.80	1.00											
C1A	14/9/2017	Mid-Flood	Fine	Moderate	10:25	28	M	14	1	<1	1		0.03	0.02		0.001	0.001		0.03	0.19	0.80	1.02	1.01		5	7		NA	NA		1	1	
C1A	14/9/2017	Mid-Flood	Fine	Moderate	10:25	28	M	14	2	<1			0.01			0.000			0.01	0.20	0.79	1.00			9			NA			1		
C1A	14/9/2017	Mid-Flood	Fine	Moderate	10:25	28	M	14	3										0.01	0.19	0.80	1.00											
C1A	14/9/2017	Mid-Flood	Fine	Moderate	10:25	28	B	27	1	<1	1		0.02	0.03		0.001	0.001		0.02	0.17	0.80	0.99	1.01		26	28		NA	NA		<1	1	
C1A	14/9/2017	Mid-Flood	Fine	Moderate	10:25	28	B	27	2	<1			0.03			0.001			0.03	0.18	0.80	1.01			31			NA			1		
C1A	14/9/2017	Mid-Flood	Fine	Moderate	10:25	28	B	27	3										0.04	0.18	0.80	1.02											
C2A	14/9/2017	Mid-Flood	Windy	Rough	13:28	13	S	1	1	4	3	5	0.13	0.16	0.18	0.006	0.008	0.008	0.13	0.09	0.39	0.61	0.64	0.66	68	71	42	NA	NA	NA	1	1	1
C2A	14/9/2017	Mid-Flood	Windy	Rough	13:28	13	S	1	2	2			0.19			0.009			0.19	0.10	0.37	0.66			74			NA			1		
C2A	14/9/2017	Mid-Flood	Windy	Rough	13:28	13	S	1	3										0.19	0.09	0.38	0.66											
C2A	14/9/2017	Mid-Flood	Windy	Rough	13:28	13	M	6.5	1	5	6		0.18	0.20		0.007	0.007		0.18	0.09	0.38	0.65	0.67		12	13		NA	NA	NA	<1	1	
C2A	14/9/2017	Mid-Flood	Windy	Rough	13:28	13	M	6.5	2	6			0.21			0.008			0.21	0.09	0.39	0.69			15			NA			<1		
C2A	14/9/2017	Mid-Flood	Windy	Rough	13:28	13	M	6.5	3										0.20	0.09	0.39	0.68											
C2A	14/9/2017	Mid-Flood	Windy	Rough	13:28	13	B	12	1	7	8		0.16	0.19		0.006	0.007		0.16	0.07	0.43	0.66	0.67		84	78		NA	NA		<1	1	
C2A	14/9/2017	Mid-Flood	Windy	Rough	13:28	13	B	12	2	8			0.22			0.009			0.22	0.09	0.39	0.70			73			NA			<1		
C2A	14/9/2017	Mid-Flood	Windy	Rough	13:28	13	B	12	3										0.17	0.09	0.39	0.65											
G2	14/9/2017	Mid-Flood	Fine	Moderate	11:08	12	S	1	1	2	2	1	NA	NA	NA	NA	NA	NA	<0.01	0.17	0.77	0.94	0.94	0.94	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	14/9/2017	Mid-Flood	Fine	Moderate	11:08	12	S	1	2	<1			NA			NA			<0.01	0.18	0.76	0.94			NA			NA			NA		
G2	14/9/2017	Mid-Flood	Fine	Moderate	11:08	12	S	1	3										<0.01	0.17	0.78	0.95											
G2	14/9/2017	Mid-Flood	Fine	Moderate	11:08	12	M	6	1	2	2		NA	NA		NA	NA		<0.01	0.18	0.77	0.95	0.95		NA	NA		NA	NA		NA	NA	
G2	14/9/2017	Mid-Flood	Fine	Moderate	11:08	12	M	6	2	<1			NA			NA			<0.01	0.17	0.77	0.94			NA			NA			NA		
G2	14/9/2017	Mid-Flood	Fine	Moderate	11:08	12	M	6	3										<0.01	0.17	0.78	0.95											
G2	14/9/2017	Mid-Flood	Fine	Moderate	11:08	12	B	11	1	<1	1		NA	NA		NA	NA		<0.01	0.18	0.77	0.95	0.94		NA	NA		NA	NA		NA	NA	
G2	14/9/2017	Mid-Flood	Fine	Moderate	11:08	12	B	11	2	1			NA			NA			<0.01	0.18	0.76	0.94			NA			NA			NA		
G2	14/9/2017	Mid-Flood	Fine	Moderate	11:08	12	B	11	3										<0.01	0.18	0.76	0.94											
SR2	14/9/2017	Mid-Flood	Fine	Moderate	11:00	9	S	1	1	1	1	1	<0.01	0.01	0.01	0.000	0.000	0.000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	14/9/2017	Mid-Flood	Fine	Moderate	11:00	9	S	1	2	<1			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR2	14/9/2017	Mid-Flood	Fine	Moderate	11:00	9	S	1	3										NA	NA	NA	NA											
SR2	14/9/2017	Mid-Flood	Fine	Moderate	11:00	9	M	4.5	1	<1	2		<0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	14/9/2017	Mid-Flood	Fine	Moderate	11:00	9	M	4.5	2	2			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR2	14/9/2017	Mid-Flood	Fine	Moderate	11:00	9	M	4.5	3										NA	NA	NA	NA											
SR2	14/9/2017	Mid-Flood	Fine	Moderate	11:00	9	B	8	1	1	2		0.02	0.02		0.001	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	14/9/2017	Mid-Flood	Fine	Moderate	11:00	9	B	8	2	2			0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR2	14/9/2017	Mid-Flood	Fine	Moderate	11:00	9	B	8	3										NA	NA	NA	NA											
SR3	14/9/2017	Mid-Flood	Fine	Moderate	11:21	8	S	1	1	1	1	1	<0.01	0.01	0.03	0.000	0.000	0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	14/9/2017	Mid-Flood	Fine	Moderate	11:21	8	S	1	2	1			<0.01			0.000			NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	14/9/2017	Mid-Flood	Fine	Moderate	11:21	8	S	1	3										NA	NA	NA	NA											
SR3	14/9/2017	Mid-Flood	Fine	Moderate	11:21	8	M	4	1	1	1		0.03	0.03		0.001	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	14/9/2017	Mid-Flood	Fine	Moderate	11:21	8	M	4	2	<1			0.03			0.001			NA	NA	NA	NA			NA			NA			NA		
SR3	14/9/2017	Mid-Flood	Fine	Moderate	11:21	8	M	4	3										NA	NA	NA	NA											
SR3	14/9/2017	Mid-Flood	Fine	Moderate	11:21	8	B	7	1	2	2		0.05	0.05		0.002	0.002		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	14/9/2017	Mid-Flood	Fine	Moderate	11:21	8	B	7	2	2			0.05			0.002			NA	NA	NA	NA			NA			NA			NA		
SR3	14/9/2017	Mid-Flood	Fine	Moderate	11:21	8	B	7	3										NA	NA	NA	NA											

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
SR4	14/9/2017	Mid-Flood	Fine	Moderate	11:26	4	S	1	1	2	2	2	0.01	0.01	0.04	0.000	0.000	0.001	NA	NA	NA	NA	NA	NA	7	7	16	NA	NA	NA	<1	1	1
SR4	14/9/2017	Mid-Flood	Fine	Moderate	11:26	4	S	1	2	1			<0.01			0.000			NA	NA	NA	NA			8			NA			1		
SR4	14/9/2017	Mid-Flood	Fine	Moderate	11:26	4	S	1	3										NA	NA	NA	NA											
SR4	14/9/2017	Mid-Flood	Fine	Moderate	11:26	4	M		1		NA			NA			NA		NA	NA	NA	NA	NA			NA		NA	NA				
SR4	14/9/2017	Mid-Flood	Fine	Moderate	11:26	4	M		2										NA	NA	NA	NA											
SR4	14/9/2017	Mid-Flood	Fine	Moderate	11:26	4	M		3										NA	NA	NA	NA											
SR4	14/9/2017	Mid-Flood	Fine	Moderate	11:26	4	B	3	1	1	2		0.05	0.06		0.002	0.002		NA	NA	NA	NA	NA		41	36		NA	NA		1	1	
SR4	14/9/2017	Mid-Flood	Fine	Moderate	11:26	4	B	3	2	2			0.07			0.002			NA	NA	NA	NA			32			NA			<1		
SR4	14/9/2017	Mid-Flood	Fine	Moderate	11:26	4	B	3	3										NA	NA	NA	NA											
SR5	14/9/2017	Mid-Flood	Fine	Moderate	10:48	11	S	1	1	2	2	2	NA	NA	NA	NA	NA	NA	<0.01	0.20	0.86	1.06	1.07	1.05	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	14/9/2017	Mid-Flood	Fine	Moderate	10:48	11	S	1	2	2			NA			NA			0.01	0.19	0.87	1.07			NA			NA			NA		
SR5	14/9/2017	Mid-Flood	Fine	Moderate	10:48	11	S	1	3										0.02	0.19	0.86	1.07											
SR5	14/9/2017	Mid-Flood	Fine	Moderate	10:48	11	M	5.5	1	2			NA			NA			<0.01	0.19	0.85	1.04			NA			NA			NA		
SR5	14/9/2017	Mid-Flood	Fine	Moderate	10:48	11	M	5.5	2	2			NA			NA			<0.01	0.19	0.86	1.05			NA			NA			NA		
SR5	14/9/2017	Mid-Flood	Fine	Moderate	10:48	11	M	5.5	3										<0.01	0.19	0.86	1.05											
SR5	14/9/2017	Mid-Flood	Fine	Moderate	10:48	11	B	10	1	2			NA			NA			<0.01	0.19	0.85	1.04			NA			NA			NA		
SR5	14/9/2017	Mid-Flood	Fine	Moderate	10:48	11	B	10	2	1			NA			NA			<0.01	0.19	0.85	1.04			NA			NA			NA		
SR5	14/9/2017	Mid-Flood	Fine	Moderate	10:48	11	B	10	3										<0.01	0.19	0.86	1.05											
SR12	14/9/2017	Mid-Flood	Windy	Rough	12:46	15	S	1	1	4	4	4	0.02	0.03	0.03	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA	56	59	30	NA	NA	NA	<1	1	1
SR12	14/9/2017	Mid-Flood	Windy	Rough	12:46	15	S	1	2	3			0.03			0.001			NA	NA	NA	NA			63			NA			<1		
SR12	14/9/2017	Mid-Flood	Windy	Rough	12:46	15	S	1	3										NA	NA	NA	NA											
SR12	14/9/2017	Mid-Flood	Windy	Rough	12:46	15	M	7.5	1	5			0.04			0.001			NA	NA	NA	NA			5			NA			1		
SR12	14/9/2017	Mid-Flood	Windy	Rough	12:46	15	M	7.5	2	3			0.04			0.001			NA	NA	NA	NA			8			NA			<1		
SR12	14/9/2017	Mid-Flood	Windy	Rough	12:46	15	M	7.5	3										NA	NA	NA	NA											
SR12	14/9/2017	Mid-Flood	Windy	Rough	12:46	15	B	14	1	4			0.03			0.001			NA	NA	NA	NA			87			NA			<1		
SR12	14/9/2017	Mid-Flood	Windy	Rough	12:46	15	B	14	2	4			0.03			0.001			NA	NA	NA	NA			64			NA			<1		
SR12	14/9/2017	Mid-Flood	Windy	Rough	12:46	15	B	14	3										NA	NA	NA	NA											
SR13	14/9/2017	Mid-Flood	Windy	Rough	13:08	14	S	1	1	<1	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	14/9/2017	Mid-Flood	Windy	Rough	13:08	14	S	1	2	<1			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	14/9/2017	Mid-Flood	Windy	Rough	13:08	14	S	1	3										NA	NA	NA	NA											
SR13	14/9/2017	Mid-Flood	Windy	Rough	13:08	14	M	7	1	<1	2		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	14/9/2017	Mid-Flood	Windy	Rough	13:08	14	M	7	2	2			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	14/9/2017	Mid-Flood	Windy	Rough	13:08	14	M	7	3										NA	NA	NA	NA											
SR13	14/9/2017	Mid-Flood	Windy	Rough	13:08	14	B	13	1	2	2		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	14/9/2017	Mid-Flood	Windy	Rough	13:08	14	B	13	2	<1			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	14/9/2017	Mid-Flood	Windy	Rough	13:08	14	B	13	3										NA	NA	NA	NA											

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
C1A	14/9/2017	Mid-Ebb	Fine	Moderate	9:48	28	S	1	1	7.53	7.53	22.27	22.27	28.81	28.81	85.3	85.4	5.84	5.85	5.65	7.3	7.3	7.5	0.01	0.01	0.02	0.000	0.000	0.000	0.01	0.19	0.83	1.03	1.03	1.05
C1A	14/9/2017	Mid-Ebb	Fine	Moderate	9:48	28	S	1	2	7.53		22.27		28.81		85.4		5.85			7.2			0.01			0.000			0.01	0.19	0.83	1.03		
C1A	14/9/2017	Mid-Ebb	Fine	Moderate	9:48	28	S	1	3																					0.01	0.19	0.82	1.02		
C1A	14/9/2017	Mid-Ebb	Fine	Moderate	9:48	28	M	14	1	7.73	7.73	22.51	22.51	28.68	28.68	80.4	80.4	5.47	5.45		7.5	7.5		0.01	0.01		0.000	0.000		0.01	0.19	0.83	1.03		
C1A	14/9/2017	Mid-Ebb	Fine	Moderate	9:48	28	M	14	2	7.73		22.51		28.68		80.3		5.43			7.4			0.01			0.000			0.01	0.20	0.81	1.02		
C1A	14/9/2017	Mid-Ebb	Fine	Moderate	9:48	28	M	14	3																					0.01	0.20	0.82	1.03		
C1A	14/9/2017	Mid-Ebb	Fine	Moderate	9:48	28	B	27	1	7.72	7.72	23.27	23.27	28.59	28.59	73.0	73.0	4.97	4.97		7.9	7.9		0.03	0.03		0.001	0.001		0.03	0.19	0.88	1.10		
C1A	14/9/2017	Mid-Ebb	Fine	Moderate	9:48	28	B	27	2	7.72		23.27		28.59		72.9		4.96			7.8			0.03			0.001			0.03	0.19	0.87	1.09	1.09	
C1A	14/9/2017	Mid-Ebb	Fine	Moderate	9:48	28	B	27	3																					0.03	0.19	0.87	1.09		
C2A	14/9/2017	Mid-Ebb	Fine	Moderate	6:59	13	S	1	1	8.03	8.03	29.31	29.31	27.78	27.78	65.2	65.2	4.35	4.35	4.32	7.3	7.4	7.4	0.19	0.19	0.20	0.011	0.011	0.009	0.19	0.09	0.41	0.69	0.70	0.71
C2A	14/9/2017	Mid-Ebb	Fine	Moderate	6:59	13	S	1	2	8.03		29.31		27.78		65.1		4.34			7.4			0.19			0.011			0.19	0.09	0.43	0.71		
C2A	14/9/2017	Mid-Ebb	Fine	Moderate	6:59	13	S	1	3																					0.19	0.09	0.43	0.71		
C2A	14/9/2017	Mid-Ebb	Fine	Moderate	6:59	13	M	6.5	1	7.88	7.88	29.36	29.36	27.77	27.77	64.3	64.4	4.29	4.30		7.5	7.5		0.20	0.20		0.008	0.008		0.20	0.09	0.43	0.72	0.71	
C2A	14/9/2017	Mid-Ebb	Fine	Moderate	6:59	13	M	6.5	2	7.88		29.36		27.77		64.4		4.30			7.4			0.20			0.008			0.20	0.09	0.43	0.72		
C2A	14/9/2017	Mid-Ebb	Fine	Moderate	6:59	13	M	6.5	3																					0.20	0.09	0.41	0.70		
C2A	14/9/2017	Mid-Ebb	Fine	Moderate	6:59	13	B	12	1	7.86	7.86	29.42	29.42	27.76	27.76	64.0	64.1	4.27	4.28		7.5	7.4		0.20	0.20		0.008	0.008		0.20	0.09	0.42	0.71	0.71	
C2A	14/9/2017	Mid-Ebb	Fine	Moderate	6:59	13	B	12	2	7.86		29.42		27.76		64.1		4.28			7.4			0.20			0.008			0.20	0.09	0.41	0.70		
C2A	14/9/2017	Mid-Ebb	Fine	Moderate	6:59	13	B	12	3																					0.20	0.09	0.43	0.72		
G2	14/9/2017	Mid-Ebb	Fine	Moderate	8:47	12	S	1	1	7.58	7.58	23.57	23.57	28.31	28.46	77.4	77.4	5.36	5.36	5.28	7.6	7.6	7.6	NA	NA	NA	NA	NA	NA	0.01	0.17	0.72	0.90	0.91	0.91
G2	14/9/2017	Mid-Ebb	Fine	Moderate	8:47	12	S	1	2	7.58		23.57		28.61		77.3		5.35			7.5			NA			NA			0.01	0.18	0.72	0.91		
G2	14/9/2017	Mid-Ebb	Fine	Moderate	8:47	12	S	1	3																					0.01	0.18	0.72	0.91		
G2	14/9/2017	Mid-Ebb	Fine	Moderate	8:47	12	M	6	1	7.74	7.74	24.62	24.62	28.61	28.61	76.6	76.7	5.19	5.20		7.6	7.5		NA	NA		NA	NA		0.01	0.18	0.72	0.91	0.92	
G2	14/9/2017	Mid-Ebb	Fine	Moderate	8:47	12	M	6	2	7.74		24.62		28.61		76.7		5.20			7.4			NA			NA			0.01	0.18	0.73	0.92		
G2	14/9/2017	Mid-Ebb	Fine	Moderate	8:47	12	M	6	3																					0.01	0.17	0.74	0.92		
G2	14/9/2017	Mid-Ebb	Fine	Moderate	8:47	12	B	11	1	7.75	7.75	24.74	24.74	28.44	28.44	75.0	75.0	5.08	5.08		7.7	7.7		NA	NA		NA	NA		0.01	0.18	0.72	0.91	0.92	
G2	14/9/2017	Mid-Ebb	Fine	Moderate	8:47	12	B	11	2	7.75		24.74		28.44		74.9		5.07			7.6			NA			NA			0.01	0.17	0.73	0.91		
G2	14/9/2017	Mid-Ebb	Fine	Moderate	8:47	12	B	11	3																					0.01	0.18	0.74	0.93		
SR2	14/9/2017	Mid-Ebb	Fine	Moderate	8:57	9	S	1	1	7.63	7.63	24.27	24.27	28.51	28.51	80.9	80.9	5.48	5.48	5.37	7.2	7.2	7.3	0.01	0.01	0.01	0.000	0.000	0.000	NA	NA	NA	NA	NA	NA
SR2	14/9/2017	Mid-Ebb	Fine	Moderate	8:57	9	S	1	2	7.63		24.27		28.51		80.8		5.47			7.1			0.01			0.000			NA	NA	NA	NA		
SR2	14/9/2017	Mid-Ebb	Fine	Moderate	8:57	9	S	1	3																					NA	NA	NA	NA		
SR2	14/9/2017	Mid-Ebb	Fine	Moderate	8:57	9	M	4.5	1	7.77	7.77	24.95	24.95	28.39	28.39	77.9	78.0	5.26	5.27		7.2	7.2		0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA	NA
SR2	14/9/2017	Mid-Ebb	Fine	Moderate	8:57	9	M	4.5	2	7.77		24.95		28.39		78.0		5.27			7.1			0.01			0.000			NA	NA	NA	NA		
SR2	14/9/2017	Mid-Ebb	Fine	Moderate	8:57	9	M	4.5	3																					NA	NA	NA	NA		
SR2	14/9/2017	Mid-Ebb	Fine	Moderate	8:57	9	B	8	1	7.78	7.78	25.13	25.13	28.37	28.37	76.4	76.5	5.17	5.18		7.6	7.6		0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA	
SR2	14/9/2017	Mid-Ebb	Fine	Moderate	8:57	9	B	8	2	7.78		25.13		28.37		76.5		5.18			7.5			0.01			0.000			NA	NA	NA	NA		
SR2	14/9/2017	Mid-Ebb	Fine	Moderate	8:57	9	B	8	3																					NA	NA	NA	NA		
SR3	14/9/2017	Mid-Ebb	Fine	Moderate	8:32	8	S	1	1	7.72	7.72	23.49	23.49	28.66	28.66	79.5	79.6	5.40	5.41	5.37	7.7	7.8	7.9	0.01	0.01	0.03	0.000	0.000	0.001	NA	NA	NA	NA	NA	NA
SR3	14/9/2017	Mid-Ebb	Fine	Moderate	8:32	8	S	1	2	7.72		23.49		28.66		79.6		5.41			7.8			0.01			0.000			NA	NA	NA	NA		
SR3	14/9/2017	Mid-Ebb	Fine	Moderate	8:32	8	S	1	3																					NA	NA	NA	NA		
SR3	14/9/2017	Mid-Ebb	Fine	Moderate	8:32	8	M	4	1	7.74	7.74	23.71	23.71	28.56	28.56	78.4	78.5	5.33	5.34		7.8	7.9		0.03	0.04		0.001	0.001		NA	NA	NA	NA	NA	
SR3	14/9/2017	Mid-Ebb	Fine	Moderate	8:32	8	M	4	2	7.74		23.71		28.56		78.5		5.34			7.9			0.04			0.001			NA	NA	NA	NA		
SR3	14/9/2017	Mid-Ebb	Fine	Moderate	8:32	8	M	4	3																					NA	NA	NA	NA		
SR3	14/9/2017	Mid-Ebb	Fine	Moderate	8:32	8	B	7	1	7.76	7.76	24.12	24.12	28.50	28.50	77.6	77.7	5.27	5.28		7.9	8.0		0.05	0.05		0.002	0.002		NA	NA	NA	NA	NA	
SR3	14/9/2017	Mid-Ebb	Fine	Moderate	8:32	8	B	7	2	7.76		24.12		28.50		77.7		5.28			8.0			0.05			0.002			NA	NA	NA	NA		
SR3	14/9/2017	Mid-Ebb	Fine	Moderate	8:32	8	B	7	3																					NA	NA	NA	NA		

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																									
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTUU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR4	14/9/2017	Mid-Ebb	Fine	Moderate	8:07	4	S	1	1	7.36	7.36	24.94	24.94	28.59	28.59	78.6	78.6	5.29	5.29	5.29	7.7	7.8	8.1	0.01	0.01	0.04	0.000	0.000	0.001	NA	NA	NA	NA	NA	NA
SR4	14/9/2017	Mid-Ebb	Fine	Moderate	8:07	4	S	1	2	7.36		24.94		28.59		78.5		5.28			7.8			0.01			0.000			NA	NA	NA	NA		
SR4	14/9/2017	Mid-Ebb	Fine	Moderate	8:07	4	S	1	3																					NA	NA	NA	NA		
SR4	14/9/2017	Mid-Ebb	Fine	Moderate	8:07	4	M		1																					NA	NA	NA	NA		
SR4	14/9/2017	Mid-Ebb	Fine	Moderate	8:07	4	M		2		NA		NA		NA		NA		NA											NA	NA	NA	NA	NA	NA
SR4	14/9/2017	Mid-Ebb	Fine	Moderate	8:07	4	M		3																					NA	NA	NA	NA		
SR4	14/9/2017	Mid-Ebb	Fine	Moderate	8:07	4	B	3	1	7.74	7.74	25.30	25.30	28.43	28.43	75.7	75.8	5.11	5.12		8.4	8.5		0.07	0.08		0.002	0.002		NA	NA	NA	NA		
SR4	14/9/2017	Mid-Ebb	Fine	Moderate	8:07	4	B	3	2	7.74		25.30		28.43		75.8		5.12			8.5			0.08			0.003			NA	NA	NA	NA	NA	
SR4	14/9/2017	Mid-Ebb	Fine	Moderate	8:07	4	B	3	3																					NA	NA	NA	NA		
SR5	14/9/2017	Mid-Ebb	Fine	Moderate	9:23	11	S	1	1	7.46	7.46	22.29	22.29	28.71	28.71	84.0	83.9	5.72	5.73	5.71	7.6	7.6	7.6	NA	NA	NA	NA	NA	NA	0.01	0.19	0.80	1.00	1.00	1.00
SR5	14/9/2017	Mid-Ebb	Fine	Moderate	9:23	11	S	1	2	7.46		22.29		28.71		83.8		5.73			7.5			NA			NA			0.01	0.19	0.80	1.00		
SR5	14/9/2017	Mid-Ebb	Fine	Moderate	9:23	11	S	1	3																					0.01	0.19	0.81	1.01		
SR5	14/9/2017	Mid-Ebb	Fine	Moderate	9:23	11	M	5.5	1	7.74	7.74	22.31	22.31	28.70	28.70	83.3	83.4	5.69	5.70		7.7	7.7		NA	NA		NA	NA		0.01	0.19	0.79	0.99	1.00	
SR5	14/9/2017	Mid-Ebb	Fine	Moderate	9:23	11	M	5.5	2	7.74		22.31		28.70		83.4		5.70			7.6			NA			NA			0.01	0.20	0.79	1.00		
SR5	14/9/2017	Mid-Ebb	Fine	Moderate	9:23	11	M	5.5	3																					0.01	0.19	0.80	1.00		
SR5	14/9/2017	Mid-Ebb	Fine	Moderate	9:23	11	B	10	1	7.74	7.74	22.94	22.94	28.61	28.61	85.4	85.4	5.14	5.14		7.6	7.6		NA	NA		NA	NA		0.01	0.19	0.80	1.00	1.00	
SR5	14/9/2017	Mid-Ebb	Fine	Moderate	9:23	11	B	10	2	7.74		22.94		28.61		85.3		5.13			7.5			NA			NA			0.01	0.19	0.81	1.01		
SR5	14/9/2017	Mid-Ebb	Fine	Moderate	9:23	11	B	10	3																					0.01	0.19	0.79	0.99		
SR12	14/9/2017	Mid-Ebb	Fine	Moderate	7:42	15	S	1	1	7.39	7.39	26.61	26.61	28.19	28.19	73.5	73.5	4.94	4.94	4.91	8.3	8.4	8.5	0.04	0.04	0.04	0.001	0.000	0.001	NA	NA	NA	NA	NA	NA
SR12	14/9/2017	Mid-Ebb	Fine	Moderate	7:42	15	S	1	2	7.39		26.61		28.19		73.4		4.93			8.4			0.03			0.000			NA	NA	NA	NA		
SR12	14/9/2017	Mid-Ebb	Fine	Moderate	7:42	15	S	1	3																					NA	NA	NA	NA		
SR12	14/9/2017	Mid-Ebb	Fine	Moderate	7:42	15	M	7.5	1	7.65	7.65	26.73	26.73	28.17	28.17	72.5	72.5	4.88	4.89		8.3	8.4		0.04	0.04		0.001	0.001		NA	NA	NA	NA	NA	NA
SR12	14/9/2017	Mid-Ebb	Fine	Moderate	7:42	15	M	7.5	2	7.65		26.73		28.17		72.5		4.89			8.4			0.04			0.001			NA	NA	NA	NA		
SR12	14/9/2017	Mid-Ebb	Fine	Moderate	7:42	15	M	7.5	3																					NA	NA	NA	NA		
SR12	14/9/2017	Mid-Ebb	Fine	Moderate	7:42	15	B	14	1	7.78	7.78	26.90	26.90	28.15	28.15	71.7	71.8	4.82	4.83		8.7	8.7		0.03	0.04		0.001	0.001		NA	NA	NA	NA	NA	
SR12	14/9/2017	Mid-Ebb	Fine	Moderate	7:42	15	B	14	2	7.78		26.90		28.15		71.8		4.83			8.6			0.04			0.001			NA	NA	NA	NA		
SR12	14/9/2017	Mid-Ebb	Fine	Moderate	7:42	15	B	14	3																					NA	NA	NA	NA		
SR13	14/9/2017	Mid-Ebb	Fine	Moderate	7:21	14	S	1	1	7.27	7.27	28.48	28.48	27.92	27.92	64.4	64.5	4.26	4.27	4.24	7.5	7.5	7.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	14/9/2017	Mid-Ebb	Fine	Moderate	7:21	14	S	1	2	7.27		28.48		27.92		64.5		4.27			7.4			NA			NA			NA	NA	NA	NA		
SR13	14/9/2017	Mid-Ebb	Fine	Moderate	7:21	14	S	1	3																					NA	NA	NA	NA		
SR13	14/9/2017	Mid-Ebb	Fine	Moderate	7:21	14	M	7	1	7.79	7.79	28.78	28.78	27.92	27.92	63.8	63.8	4.22	4.22		7.1	7.6		NA	NA		NA	NA		NA	NA	NA	NA	NA	NA
SR13	14/9/2017	Mid-Ebb	Fine	Moderate	7:21	14	M	7	2	7.79		28.78		27.92		63.8		4.22			8.0			NA			NA			NA	NA	NA	NA		
SR13	14/9/2017	Mid-Ebb	Fine	Moderate	7:21	14	M	7	3																					NA	NA	NA	NA		
SR13	14/9/2017	Mid-Ebb	Fine	Moderate	7:21	14	B	13	1	7.79	7.79	28.86	28.86	27.91	27.91	60.4	60.4	4.04	4.04		7.3	7.3		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	14/9/2017	Mid-Ebb	Fine	Moderate	7:21	14	B	13	2	7.79		28.86		27.91		60.3		4.03			7.2			NA			NA			NA	NA	NA	NA		
SR13	14/9/2017	Mid-Ebb	Fine	Moderate	7:21	14	B	13	3																					NA	NA	NA	NA		

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
C1A	14/9/2017	Mid-Ebb	Fine	Moderate	9:48	28	S	1	1	4			<0.01			0.000			<0.01	0.19	0.83	1.02			8			NA			<1		
C1A	14/9/2017	Mid-Ebb	Fine	Moderate	9:48	28	S	1	2	3	4		<0.01	0.01		0.000	0.000		<0.01	0.19	0.83	1.02	1.02		9	8		NA	NA		1	1	
C1A	14/9/2017	Mid-Ebb	Fine	Moderate	9:48	28	S	1	3										<0.01	0.19	0.82	1.01											
C1A	14/9/2017	Mid-Ebb	Fine	Moderate	9:48	28	M	14	1	2			0.04			0.001			0.04	0.19	0.83	1.06			34			NA			1		
C1A	14/9/2017	Mid-Ebb	Fine	Moderate	9:48	28	M	14	2	3	3	3	0.01	0.03	0.02	0.000	0.001	0.001	0.01	0.20	0.81	1.02	1.04	1.05	37	35	17	NA	NA	NA	1	1	1
C1A	14/9/2017	Mid-Ebb	Fine	Moderate	9:48	28	M	14	3										0.01	0.20	0.82	1.03											
C1A	14/9/2017	Mid-Ebb	Fine	Moderate	9:48	28	B	27	1	5			0.03			0.001			0.03	0.19	0.88	1.10			15			NA			2		
C1A	14/9/2017	Mid-Ebb	Fine	Moderate	9:48	28	B	27	2	3	4		0.03	0.03		0.001	0.001		0.03	0.19	0.87	1.09	1.09		18	16		NA	NA		2	2	
C1A	14/9/2017	Mid-Ebb	Fine	Moderate	9:48	28	B	27	3										0.03	0.19	0.87	1.09											
C2A	14/9/2017	Mid-Ebb	Fine	Moderate	6:59	13	S	1	1	2			0.19			0.011			0.19	0.09	0.41	0.69			130			NA			2		
C2A	14/9/2017	Mid-Ebb	Fine	Moderate	6:59	13	S	1	2	2	2		0.19	0.19		0.011	0.011		0.19	0.09	0.43	0.71	0.70		150	140		NA	NA		<1	2	
C2A	14/9/2017	Mid-Ebb	Fine	Moderate	6:59	13	S	1	3										0.18	0.09	0.43	0.70											
C2A	14/9/2017	Mid-Ebb	Fine	Moderate	6:59	13	M	6.5	1	2			0.19			0.008			0.19	0.09	0.43	0.71			240			NA			<1		
C2A	14/9/2017	Mid-Ebb	Fine	Moderate	6:59	13	M	6.5	2	2	2	2	0.20	0.20	0.19	0.008	0.008	0.009	0.20	0.09	0.43	0.72	0.71	0.70	310	273	182	NA	NA	NA	1	1	2
C2A	14/9/2017	Mid-Ebb	Fine	Moderate	6:59	13	M	6.5	3										0.20	0.09	0.41	0.70											
C2A	14/9/2017	Mid-Ebb	Fine	Moderate	6:59	13	B	12	1	2			0.22			0.009			0.22	0.09	0.42	0.73			180			NA			2		
C2A	14/9/2017	Mid-Ebb	Fine	Moderate	6:59	13	B	12	2	4	3		0.17	0.20		0.007	0.008		0.17	0.09	0.41	0.67	0.69		140	159		NA	NA		2	2	
C2A	14/9/2017	Mid-Ebb	Fine	Moderate	6:59	13	B	12	3										0.15	0.09	0.43	0.67											
G2	14/9/2017	Mid-Ebb	Fine	Moderate	8:47	12	S	1	1	2			NA			NA			<0.01	0.17	0.72	0.89			NA			NA			NA		
G2	14/9/2017	Mid-Ebb	Fine	Moderate	8:47	12	S	1	2	<1	2		NA	NA		NA	NA		<0.01	0.18	0.72	0.90	0.90		NA	NA		NA	NA		NA	NA	
G2	14/9/2017	Mid-Ebb	Fine	Moderate	8:47	12	S	1	3										<0.01	0.18	0.72	0.90											
G2	14/9/2017	Mid-Ebb	Fine	Moderate	8:47	12	M	6	1	3			NA			NA			<0.01	0.18	0.72	0.90			NA			NA			NA		
G2	14/9/2017	Mid-Ebb	Fine	Moderate	8:47	12	M	6	2	2	3	3	NA	NA	NA	NA	NA	NA	<0.01	0.18	0.73	0.91	0.91	0.90	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	14/9/2017	Mid-Ebb	Fine	Moderate	8:47	12	M	6	3										<0.01	0.17	0.74	0.91											
G2	14/9/2017	Mid-Ebb	Fine	Moderate	8:47	12	B	11	1	3			NA			NA			<0.01	0.18	0.72	0.90			NA			NA			NA		
G2	14/9/2017	Mid-Ebb	Fine	Moderate	8:47	12	B	11	2	4	4		NA	NA		NA	NA		<0.01	0.17	0.73	0.90	0.91		NA	NA		NA	NA		NA	NA	
G2	14/9/2017	Mid-Ebb	Fine	Moderate	8:47	12	B	11	3										<0.01	0.18	0.74	0.92											
SR2	14/9/2017	Mid-Ebb	Fine	Moderate	8:57	9	S	1	1	<1			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR2	14/9/2017	Mid-Ebb	Fine	Moderate	8:57	9	S	1	2	<1	1		<0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	14/9/2017	Mid-Ebb	Fine	Moderate	8:57	9	S	1	3										NA	NA	NA	NA											
SR2	14/9/2017	Mid-Ebb	Fine	Moderate	8:57	9	M	4.5	1	<1			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR2	14/9/2017	Mid-Ebb	Fine	Moderate	8:57	9	M	4.5	2	2	2	1	<0.01	0.01	0.01	0.000	0.000	0.000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	14/9/2017	Mid-Ebb	Fine	Moderate	8:57	9	M	4.5	3										NA	NA	NA	NA											
SR2	14/9/2017	Mid-Ebb	Fine	Moderate	8:57	9	B	8	1	1			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR2	14/9/2017	Mid-Ebb	Fine	Moderate	8:57	9	B	8	2	1	1		0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	14/9/2017	Mid-Ebb	Fine	Moderate	8:57	9	B	8	3										NA	NA	NA	NA											
SR3	14/9/2017	Mid-Ebb	Fine	Moderate	8:32	8	S	1	1	2			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR3	14/9/2017	Mid-Ebb	Fine	Moderate	8:32	8	S	1	2	2	2		<0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	14/9/2017	Mid-Ebb	Fine	Moderate	8:32	8	S	1	3										NA	NA	NA	NA											
SR3	14/9/2017	Mid-Ebb	Fine	Moderate	8:32	8	M	4	1	<1			0.02			0.001			NA	NA	NA	NA			NA			NA			NA		
SR3	14/9/2017	Mid-Ebb	Fine	Moderate	8:32	8	M	4	2	1	1	2	0.04	0.03	0.03	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	14/9/2017	Mid-Ebb	Fine	Moderate	8:32	8	M	4	3										NA	NA	NA	NA											
SR3	14/9/2017	Mid-Ebb	Fine	Moderate	8:32	8	B	7	1	2			0.05			0.002			NA	NA	NA	NA			NA			NA			NA		
SR3	14/9/2017	Mid-Ebb	Fine	Moderate	8:32	8	B	7	2	2	2		0.05	0.05		0.002	0.002		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	14/9/2017	Mid-Ebb	Fine	Moderate	8:32	8	B	7	3										NA	NA	NA	NA											

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																						
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
SR4	14/9/2017	Mid-Ebb	Fine	Moderate	8:07	4	S	1	1	<1	2		<0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA		16	15		NA	NA		1	1	
SR4	14/9/2017	Mid-Ebb	Fine	Moderate	8:07	4	S	1	2	2			<0.01			0.000			NA	NA	NA	NA			14			NA			1		
SR4	14/9/2017	Mid-Ebb	Fine	Moderate	8:07	4	S	1	3										NA	NA	NA	NA											
SR4	14/9/2017	Mid-Ebb	Fine	Moderate	8:07	4	M		1		NA	2		NA	0.04		NA	0.001	NA	NA	NA	NA	NA	NA		NA	30	NA	NA	NA		NA	2
SR4	14/9/2017	Mid-Ebb	Fine	Moderate	8:07	4	M		2										NA	NA	NA	NA											
SR4	14/9/2017	Mid-Ebb	Fine	Moderate	8:07	4	M		3										NA	NA	NA	NA											
SR4	14/9/2017	Mid-Ebb	Fine	Moderate	8:07	4	B	3	1	1	2		0.07	0.08		0.002	0.002		NA	NA	NA	NA	NA		54	58		NA	NA		2	2	
SR4	14/9/2017	Mid-Ebb	Fine	Moderate	8:07	4	B	3	2	2			0.08			0.003			NA	NA	NA	NA			63			NA			2		
SR4	14/9/2017	Mid-Ebb	Fine	Moderate	8:07	4	B	3	3										NA	NA	NA	NA											
SR5	14/9/2017	Mid-Ebb	Fine	Moderate	9:23	11	S	1	1	1	1		NA	NA		NA	NA		<0.01	0.19	0.80	0.99	1.00		NA	NA		NA	NA		NA	NA	
SR5	14/9/2017	Mid-Ebb	Fine	Moderate	9:23	11	S	1	2	1			NA			NA			0.02	0.19	0.80	1.01			NA			NA			NA		
SR5	14/9/2017	Mid-Ebb	Fine	Moderate	9:23	11	S	1	3										0.01	0.19	0.81	1.01											
SR5	14/9/2017	Mid-Ebb	Fine	Moderate	9:23	11	M	5.5	1	2	2	1	NA	NA	NA	NA	NA	NA	<0.01	0.19	0.79	0.98	0.99	0.99	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	14/9/2017	Mid-Ebb	Fine	Moderate	9:23	11	M	5.5	2	<1			NA			NA			<0.01	0.20	0.79	0.99			NA			NA			NA		
SR5	14/9/2017	Mid-Ebb	Fine	Moderate	9:23	11	M	5.5	3										<0.01	0.19	0.80	0.99											
SR5	14/9/2017	Mid-Ebb	Fine	Moderate	9:23	11	B	10	1	<1	1		NA	NA		NA	NA		<0.01	0.19	0.80	0.99	0.99		NA	NA		NA	NA		NA	NA	
SR5	14/9/2017	Mid-Ebb	Fine	Moderate	9:23	11	B	10	2	1			NA			NA			<0.01	0.19	0.81	1.00			NA			NA			NA		
SR5	14/9/2017	Mid-Ebb	Fine	Moderate	9:23	11	B	10	3										<0.01	0.19	0.79	0.98											
SR12	14/9/2017	Mid-Ebb	Fine	Moderate	7:42	15	S	1	1	<1	2		0.04	0.03		0.001	0.000		NA	NA	NA	NA	NA		78	79		NA	NA		<1	1	
SR12	14/9/2017	Mid-Ebb	Fine	Moderate	7:42	15	S	1	2	2			0.02			0.000			NA	NA	NA	NA			81			NA			1		
SR12	14/9/2017	Mid-Ebb	Fine	Moderate	7:42	15	S	1	3										NA	NA	NA	NA											
SR12	14/9/2017	Mid-Ebb	Fine	Moderate	7:42	15	M	7.5	1	2	2	2	0.04	0.04	0.04	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA	120	151	132	NA	NA	NA	1	1	1
SR12	14/9/2017	Mid-Ebb	Fine	Moderate	7:42	15	M	7.5	2	2			0.04			0.001			NA	NA	NA	NA			190			NA			1		
SR12	14/9/2017	Mid-Ebb	Fine	Moderate	7:42	15	M	7.5	3										NA	NA	NA	NA											
SR12	14/9/2017	Mid-Ebb	Fine	Moderate	7:42	15	B	14	1	3	3		0.03	0.04		0.001	0.001		NA	NA	NA	NA	NA		160	192		NA	NA		1	1	
SR12	14/9/2017	Mid-Ebb	Fine	Moderate	7:42	15	B	14	2	2			0.04			0.001			NA	NA	NA	NA			230			NA			1		
SR12	14/9/2017	Mid-Ebb	Fine	Moderate	7:42	15	B	14	3										NA	NA	NA	NA											
SR13	14/9/2017	Mid-Ebb	Fine	Moderate	7:21	14	S	1	1	2	2		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	14/9/2017	Mid-Ebb	Fine	Moderate	7:21	14	S	1	2	1			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	14/9/2017	Mid-Ebb	Fine	Moderate	7:21	14	S	1	3										NA	NA	NA	NA											
SR13	14/9/2017	Mid-Ebb	Fine	Moderate	7:21	14	M	7	1	2	2	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	14/9/2017	Mid-Ebb	Fine	Moderate	7:21	14	M	7	2	2			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	14/9/2017	Mid-Ebb	Fine	Moderate	7:21	14	M	7	3										NA	NA	NA	NA											
SR13	14/9/2017	Mid-Ebb	Fine	Moderate	7:21	14	B	13	1	2	2		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	14/9/2017	Mid-Ebb	Fine	Moderate	7:21	14	B	13	2	1			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	14/9/2017	Mid-Ebb	Fine	Moderate	7:21	14	B	13	3										NA	NA	NA	NA											

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
C1A	16/9/2017	Mid-Flood	Cloudy	Moderate	12:49	28	S	1	1	7.77	7.77	21.66	21.66	28.99	28.99	81.2	81.3	5.55	5.56	5.53	3.4	3.4	3.5	0.01	0.01	0.01	0.000	0.000	0.000	0.01	0.25	0.95	1.21	1.21	1.30
C1A	16/9/2017	Mid-Flood	Cloudy	Moderate	12:49	28	S	1	2	7.77		21.66		28.99		81.3		5.56			3.3			0.01			0.000			0.01	0.24	0.96	1.21		
C1A	16/9/2017	Mid-Flood	Cloudy	Moderate	12:49	28	S	1	3																					0.01	0.23	0.96	1.20		
C1A	16/9/2017	Mid-Flood	Cloudy	Moderate	12:49	28	M	14	1	7.78	7.78	21.90	21.90	28.96	28.96	80.7	80.8	5.50	5.51		3.5	3.5		0.20	0.20	0.10	0.007	0.007	0.004	0.20	0.21	0.98	1.39	1.39	
C1A	16/9/2017	Mid-Flood	Cloudy	Moderate	12:49	28	M	14	2	7.78		21.90		28.96		80.8		5.51			3.4			0.20			0.007			0.20	0.22	0.97	1.39		
C1A	16/9/2017	Mid-Flood	Cloudy	Moderate	12:49	28	M	14	3																					0.20	0.22	0.98	1.40		
C1A	16/9/2017	Mid-Flood	Cloudy	Moderate	12:49	28	B	27	1	7.77	7.77	22.72	22.72	28.92	28.91	80.2	80.3	5.46	5.47		3.5	3.6		0.10	0.10		0.004	0.004		0.10	0.22	0.98	1.30	1.31	
C1A	16/9/2017	Mid-Flood	Cloudy	Moderate	12:49	28	B	27	2	7.77		22.72		28.90		80.3		5.47			3.6			0.10			0.004			0.10	0.14	1.08	1.32		
C1A	16/9/2017	Mid-Flood	Cloudy	Moderate	12:49	28	B	27	3																					0.10	0.15	1.07	1.32		
C2A	16/9/2017	Mid-Flood	Cloudy	Moderate	15:01	13	S	1	1	7.93	7.93	28.13	28.13	28.21	28.21	78.7	78.8	5.26	5.27	5.29	1.0	1.1	1.2	0.30	0.30	0.25	0.014	0.014	0.012	0.30	0.10	0.49	0.89	0.88	0.84
C2A	16/9/2017	Mid-Flood	Cloudy	Moderate	15:01	13	S	1	2	7.93		28.13		28.21		78.8		5.27			1.1			0.30			0.014			0.30	0.10	0.48	0.88		
C2A	16/9/2017	Mid-Flood	Cloudy	Moderate	15:01	13	S	1	3																					0.30	0.10	0.48	0.88		
C2A	16/9/2017	Mid-Flood	Cloudy	Moderate	15:01	13	M	6.5	1	7.91	7.91	27.92	27.92	28.26	28.27	79.5	79.2	5.31	5.31		1.1	1.2		0.25	0.25		0.011	0.011		0.25	0.10	0.48	0.83	0.83	
C2A	16/9/2017	Mid-Flood	Cloudy	Moderate	15:01	13	M	6.5	2	7.91		27.92		28.27		79.2		5.30			1.2			0.25			0.011			0.25	0.10	0.48	0.83		
C2A	16/9/2017	Mid-Flood	Cloudy	Moderate	15:01	13	M	6.5	3																					0.25	0.10	0.48	0.83		
C2A	16/9/2017	Mid-Flood	Cloudy	Moderate	15:01	13	B	12	1	7.90	7.90	27.89	27.89	28.28	28.28	79.7	79.8	5.31	5.33		1.2	1.3		0.20	0.20		0.009	0.009		0.20	0.10	0.51	0.81	0.81	
C2A	16/9/2017	Mid-Flood	Cloudy	Moderate	15:01	13	B	12	2	7.90		27.89		28.28		79.9		5.35			1.3			0.20			0.009			0.20	0.11	0.49	0.80		
C2A	16/9/2017	Mid-Flood	Cloudy	Moderate	15:01	13	B	12	3																					0.20	0.09	0.53	0.82		
G2	16/9/2017	Mid-Flood	Cloudy	Moderate	13:42	12	S	1	1	7.77	7.77	21.75	21.75	28.99	28.99	83.7	83.6	5.70	5.71	5.71	1.1	1.2	1.8	NA	NA	NA	NA	NA	NA	0.05	0.18	0.84	1.07	1.05	1.04
G2	16/9/2017	Mid-Flood	Cloudy	Moderate	13:42	12	S	1	2	7.77		21.75		28.99		83.5		5.71			1.2			NA			NA			0.05	0.18	0.80	1.03		
G2	16/9/2017	Mid-Flood	Cloudy	Moderate	13:42	12	S	1	3																					0.05	0.18	0.83	1.06		
G2	16/9/2017	Mid-Flood	Cloudy	Moderate	13:42	12	M	6	1	7.77	7.77	21.91	21.91	28.97	28.97	83.6	83.7	5.70	5.71		1.9	1.9		NA	NA		NA	NA		0.02	0.18	0.84	1.04	1.04	
G2	16/9/2017	Mid-Flood	Cloudy	Moderate	13:42	12	M	6	2	7.77		21.91		28.97		83.7		5.71			1.8			NA			NA			0.02	0.19	0.83	1.04		
G2	16/9/2017	Mid-Flood	Cloudy	Moderate	13:42	12	M	6	3																					0.02	0.18	0.83	1.03		
G2	16/9/2017	Mid-Flood	Cloudy	Moderate	13:42	12	B	11	1	7.77	7.77	21.90	21.90	28.95	28.95	83.2	83.3	5.67	5.67		2.3	2.3		NA	NA		NA	NA		0.01	0.18	0.83	1.02	1.02	
G2	16/9/2017	Mid-Flood	Cloudy	Moderate	13:42	12	B	11	2	7.77		21.90		28.95		83.3		5.66			2.3			NA			NA			0.01	0.18	0.83	1.02		
G2	16/9/2017	Mid-Flood	Cloudy	Moderate	13:42	12	B	11	3																					0.01	0.18	0.84	1.03		
SR2	16/9/2017	Mid-Flood	Cloudy	Moderate	13:25	9	S	1	1	7.77	7.77	21.79	21.79	29.11	29.11	86.4	86.5	5.89	5.88	5.88	2.0	2.0	1.8	0.07	0.07	0.08	0.003	0.003	0.003	NA	NA	NA	NA	NA	NA
SR2	16/9/2017	Mid-Flood	Cloudy	Moderate	13:25	9	S	1	2	7.77		21.79		29.11		86.5		5.88			2.0			0.07			0.003			NA	NA	NA	NA		
SR2	16/9/2017	Mid-Flood	Cloudy	Moderate	13:25	9	S	1	3																					NA	NA	NA	NA		
SR2	16/9/2017	Mid-Flood	Cloudy	Moderate	13:25	9	M	4.5	1	7.78	7.78	22.00	22.00	29.02	29.02	86.0	86.1	5.87	5.88		1.8	1.9		0.10	0.10		0.004	0.004		NA	NA	NA	NA	NA	
SR2	16/9/2017	Mid-Flood	Cloudy	Moderate	13:25	9	M	4.5	2	7.78		22.00		29.02		86.1		5.88			1.9			0.10			0.004			NA	NA	NA	NA		
SR2	16/9/2017	Mid-Flood	Cloudy	Moderate	13:25	9	M	4.5	3																					NA	NA	NA	NA		
SR2	16/9/2017	Mid-Flood	Cloudy	Moderate	13:25	9	B	8	1	7.78	7.79	22.17	22.17	29.98	29.98	86.1	86.2	5.86	5.87		1.5	1.5		0.07	0.07		0.003	0.003		NA	NA	NA	NA	NA	
SR2	16/9/2017	Mid-Flood	Cloudy	Moderate	13:25	9	B	8	2	7.80		22.17		29.98		86.2		5.87			1.5			0.06			0.002			NA	NA	NA	NA		
SR2	16/9/2017	Mid-Flood	Cloudy	Moderate	13:25	9	B	8	3																					NA	NA	NA	NA		
SR3	16/9/2017	Mid-Flood	Cloudy	Moderate	13:59	8	S	1	1	7.76	7.76	21.63	21.63	29.02	29.02	82.2	82.3	5.61	5.62	5.63	2.6	2.4	2.6	0.10	0.10	0.15	0.004	0.004	0.005	NA	NA	NA	NA	NA	NA
SR3	16/9/2017	Mid-Flood	Cloudy	Moderate	13:59	8	S	1	2	7.76		21.63		29.02		82.3		5.62			2.4			0.10			0.004			NA	NA	NA	NA		
SR3	16/9/2017	Mid-Flood	Cloudy	Moderate	13:59	8	S	1	3																					NA	NA	NA	NA		
SR3	16/9/2017	Mid-Flood	Cloudy	Moderate	13:59	8	M	4	1	7.76	7.76	21.69	21.69	29.00	29.00	82.1	82.2	5.60	5.65		2.6	2.6		0.16	0.16		0.006	0.006		NA	NA	NA	NA	NA	
SR3	16/9/2017	Mid-Flood	Cloudy	Moderate	13:59	8	M	4	2	7.76		21.69		29.00		82.2		5.70			2.5			0.16			0.006			NA	NA	NA	NA		
SR3	16/9/2017	Mid-Flood	Cloudy	Moderate	13:59	8	M	4	3																					NA	NA	NA	NA		
SR3	16/9/2017	Mid-Flood	Cloudy	Moderate	13:59	8	B	7	1	7.75	7.75	21.22	21.22	28.99	28.99	81.8	81.9	5.57	5.57		2.7	2.6		0.20	0.20		0.007	0.007		NA	NA	NA	NA	NA	
SR3	16/9/2017	Mid-Flood	Cloudy	Moderate	13:59	8	B	7	2	7.75		21.22		28.99		81.9		5.56			2.6			0.20			0.007			NA	NA	NA	NA		
SR3	16/9/2017	Mid-Flood	Cloudy	Moderate	13:59	8	B	7	3																					NA	NA	NA	NA		

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR4	16/9/2017	Mid-Flood	Cloudy	Moderate	14:15	4	S	1	1	7.62	7.62	22.82	22.82	28.88	28.88	85.3	85.4	5.80	5.80	5.80	1.9	1.9	2.0	0.10	0.10	0.09	0.003	0.003	0.018	NA	NA	NA	NA	NA	NA
SR4	16/9/2017	Mid-Flood	Cloudy	Moderate	14:15	4	S	1	2	7.62		22.82		28.88		85.4		5.80			1.8			0.10			0.003			NA	NA	NA	NA		
SR4	16/9/2017	Mid-Flood	Cloudy	Moderate	14:15	4	S	1	3																					NA	NA	NA	NA		
SR4	16/9/2017	Mid-Flood	Cloudy	Moderate	14:15	4	M		1		NA		NA		NA		NA		NA			NA			NA			NA			NA	NA	NA	NA	NA
SR4	16/9/2017	Mid-Flood	Cloudy	Moderate	14:15	4	M		2																					NA	NA	NA	NA		
SR4	16/9/2017	Mid-Flood	Cloudy	Moderate	14:15	4	M		3																					NA	NA	NA	NA		
SR4	16/9/2017	Mid-Flood	Cloudy	Moderate	14:15	4	B	3	1	7.83	7.83	22.89	22.89	28.86	28.86	84.9	84.9	5.77	5.77		2.0	2.1		0.08	0.08		0.036	0.034		NA	NA	NA	NA	NA	
SR4	16/9/2017	Mid-Flood	Cloudy	Moderate	14:15	4	B	3	2	7.83		22.89		28.86		84.9		5.77			2.1			0.07			0.032			NA	NA	NA	NA		
SR4	16/9/2017	Mid-Flood	Cloudy	Moderate	14:15	4	B	3	3																					NA	NA	NA	NA		
SR5	16/9/2017	Mid-Flood	Cloudy	Moderate	13:04	11	S	1	1	7.76	7.76	18.41	18.41	29.32	29.32	83.7	83.8	5.80	5.81	5.78	3.3	3.2	3.1	NA	NA	NA	NA	NA	NA	0.01	0.24	0.96	1.21	1.22	1.26
SR5	16/9/2017	Mid-Flood	Cloudy	Moderate	13:04	11	S	1	2	7.76		18.41		29.32		83.8		5.81			3.0			NA			NA			0.01	0.24	0.98	1.23		
SR5	16/9/2017	Mid-Flood	Cloudy	Moderate	13:04	11	S	1	3																					0.01	0.24	0.96	1.21		
SR5	16/9/2017	Mid-Flood	Cloudy	Moderate	13:04	11	M	5.5	1	7.77	7.77	18.88	18.88	29.24	29.24	83.0	83.1	5.74	5.75		3.0	3.0		NA	NA		NA	NA		0.10	0.23	0.98	1.31	1.31	
SR5	16/9/2017	Mid-Flood	Cloudy	Moderate	13:04	11	M	5.5	2	7.77		18.88		29.24		83.1		5.75			3.0			NA			NA			0.10	0.24	0.98	1.32		
SR5	16/9/2017	Mid-Flood	Cloudy	Moderate	13:04	11	M	5.5	3																					0.10	0.24	0.96	1.30		
SR5	16/9/2017	Mid-Flood	Cloudy	Moderate	13:04	11	B	10	1	7.77	7.77	19.23	19.23	29.21	29.21	82.7	82.7	5.90	5.91		3.1	3.1		NA	NA		NA	NA		0.05	0.24	0.97	1.26	1.26	
SR5	16/9/2017	Mid-Flood	Cloudy	Moderate	13:04	11	B	10	2	7.77		19.23		29.21		82.7		5.91			3.0			NA			NA			0.05	0.24	0.97	1.26		
SR5	16/9/2017	Mid-Flood	Cloudy	Moderate	13:04	11	B	10	3																					0.05	0.24	0.96	1.25		
SR12	16/9/2017	Mid-Flood	Cloudy	Moderate	14:26	15	S	1	1	7.81	7.81	24.85	24.85	28.61	28.61	83.2	83.3	5.01	5.02	5.14	2.0	2.1	1.9	0.15	0.15	0.13	0.006	0.006	0.005	NA	NA	NA	NA	NA	NA
SR12	16/9/2017	Mid-Flood	Cloudy	Moderate	14:26	15	S	1	2	7.81		24.85		28.61		83.3		5.02			2.2			0.15			0.006			NA	NA	NA	NA		
SR12	16/9/2017	Mid-Flood	Cloudy	Moderate	14:26	15	S	1	3																					NA	NA	NA	NA		
SR12	16/9/2017	Mid-Flood	Cloudy	Moderate	14:26	15	M	7.5	1	7.81	7.82	24.81	24.81	28.61	28.61	82.0	82.1	5.25	5.26		1.9	1.9		0.10	0.10		0.004	0.004		NA	NA	NA	NA	NA	NA
SR12	16/9/2017	Mid-Flood	Cloudy	Moderate	14:26	15	M	7.5	2	7.82		24.81		28.60		82.1		5.26			1.8			0.10			0.004			NA	NA	NA	NA		
SR12	16/9/2017	Mid-Flood	Cloudy	Moderate	14:26	15	M	7.5	3																					NA	NA	NA	NA		
SR12	16/9/2017	Mid-Flood	Cloudy	Moderate	14:26	15	B	14	1	7.82	7.82	24.81	24.81	28.62	28.63	81.0	81.0	5.20	5.21		1.8	1.8		0.12	0.13		0.005	0.005		NA	NA	NA	NA	NA	
SR12	16/9/2017	Mid-Flood	Cloudy	Moderate	14:26	15	B	14	2	7.82		24.81		28.63		81.0		5.21			1.7			0.13			0.005			NA	NA	NA	NA		
SR12	16/9/2017	Mid-Flood	Cloudy	Moderate	14:26	15	B	14	3																					NA	NA	NA	NA		
SR13	16/9/2017	Mid-Flood	Cloudy	Moderate	14:40	14	S	1	1	7.83	7.83	28.16	28.16	28.16	28.17	71.9	71.9	4.82	4.82	4.77	1.0	1.0	1.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	16/9/2017	Mid-Flood	Cloudy	Moderate	14:40	14	S	1	2	7.83		28.16		28.17		71.8		4.81			1.0			NA			NA			NA	NA	NA	NA		
SR13	16/9/2017	Mid-Flood	Cloudy	Moderate	14:40	14	S	1	3																					NA	NA	NA	NA		
SR13	16/9/2017	Mid-Flood	Cloudy	Moderate	14:40	14	M	7	1	7.83	7.83	28.18	28.18	28.00	28.00	70.6	70.7	4.72	4.73		1.1	1.2		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	16/9/2017	Mid-Flood	Cloudy	Moderate	14:40	14	M	7	2	7.83		28.18		28.00		70.7		4.73			1.2			NA			NA			NA	NA	NA	NA		
SR13	16/9/2017	Mid-Flood	Cloudy	Moderate	14:40	14	M	7	3																					NA	NA	NA	NA		
SR13	16/9/2017	Mid-Flood	Cloudy	Moderate	14:40	14	B	13	1	7.83	7.83	28.16	28.16	28.12	28.12	69.3	69.3	4.63	4.63		1.2	1.3		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	16/9/2017	Mid-Flood	Cloudy	Moderate	14:40	14	B	13	2	7.83		28.16		28.12		69.3		4.63			1.3			NA			NA			NA	NA	NA	NA		
SR13	16/9/2017	Mid-Flood	Cloudy	Moderate	14:40	14	B	13	3																					NA	NA	NA	NA		

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
C1A	16/9/2017	Mid-Flood	Cloudy	Moderate	12:49	28	S	1	1	2	3	4	0.01	0.02	0.09	0.000	0.001	0.003	0.01	0.25	0.95	1.21	1.22	1.30	16	18	24	NA	NA	NA	<1	1	1
C1A	16/9/2017	Mid-Flood	Cloudy	Moderate	12:49	28	S	1	2	3			0.02			0.001			0.02	0.24	0.96	1.22			21			NA			<1		
C1A	16/9/2017	Mid-Flood	Cloudy	Moderate	12:49	28	S	1	3										0.03	0.23	0.96	1.22											
C1A	16/9/2017	Mid-Flood	Cloudy	Moderate	12:49	28	M	14	1	3	4		0.17	0.18		0.006	0.007		0.17	0.21	0.98	1.36	1.35		34	37		NA	NA		<1	1	
C1A	16/9/2017	Mid-Flood	Cloudy	Moderate	12:49	28	M	14	2	4			0.19			0.007			0.19	0.22	0.97	1.38			41			NA			<1		
C1A	16/9/2017	Mid-Flood	Cloudy	Moderate	12:49	28	M	14	3										0.12	0.22	0.98	1.32											
C1A	16/9/2017	Mid-Flood	Cloudy	Moderate	12:49	28	B	27	1	6	6		0.12	0.09		0.004	0.003		0.12	0.22	0.98	1.32	1.32		23	19		NA	NA		<1	1	
C1A	16/9/2017	Mid-Flood	Cloudy	Moderate	12:49	28	B	27	2	6			0.05			0.002			0.05	0.14	1.08	1.27			16			NA			<1		
C1A	16/9/2017	Mid-Flood	Cloudy	Moderate	12:49	28	B	27	3										0.14	0.15	1.07	1.36											
C2A	16/9/2017	Mid-Flood	Cloudy	Moderate	15:01	13	S	1	1	7	7	10	0.39	0.30	0.26	0.018	0.014	0.012	0.39	0.10	0.49	0.98	0.86	0.86	250	269	177	NA	NA	NA	<1	1	1
C2A	16/9/2017	Mid-Flood	Cloudy	Moderate	15:01	13	S	1	2	7			0.20			0.009			0.20	0.10	0.48	0.78			290			NA			<1		
C2A	16/9/2017	Mid-Flood	Cloudy	Moderate	15:01	13	S	1	3										0.24	0.10	0.48	0.82											
C2A	16/9/2017	Mid-Flood	Cloudy	Moderate	15:01	13	M	6.5	1	8	9		0.26	0.27		0.012	0.012		0.26	0.10	0.48	0.84	0.84		130	153		NA	NA		<1	1	
C2A	16/9/2017	Mid-Flood	Cloudy	Moderate	15:01	13	M	6.5	2	10			0.28			0.013			0.28	0.10	0.48	0.86			180			NA			<1		
C2A	16/9/2017	Mid-Flood	Cloudy	Moderate	15:01	13	M	6.5	3										0.24	0.10	0.48	0.82											
C2A	16/9/2017	Mid-Flood	Cloudy	Moderate	15:01	13	B	12	1	12	13		0.27	0.21		0.012	0.009		0.27	0.10	0.51	0.88	0.89		150	134		NA	NA		<1	1	
C2A	16/9/2017	Mid-Flood	Cloudy	Moderate	15:01	13	B	12	2	14			0.14			0.006			0.14	0.11	0.49	0.74			120			NA			<1		
C2A	16/9/2017	Mid-Flood	Cloudy	Moderate	15:01	13	B	12	3										0.42	0.09	0.53	1.04											
G2	16/9/2017	Mid-Flood	Cloudy	Moderate	13:42	12	S	1	1	4	4	4	NA	NA	NA	NA	NA	NA	0.08	0.18	0.84	1.10	1.05	1.04	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	16/9/2017	Mid-Flood	Cloudy	Moderate	13:42	12	S	1	2	3			NA			NA			0.04	0.18	0.80	1.02			NA			NA			NA		
G2	16/9/2017	Mid-Flood	Cloudy	Moderate	13:42	12	S	1	3										0.02	0.18	0.83	1.03											
G2	16/9/2017	Mid-Flood	Cloudy	Moderate	13:42	12	M	6	1	4	5		NA	NA		NA	NA		0.02	0.18	0.84	1.04	1.04		NA	NA		NA	NA		NA	NA	
G2	16/9/2017	Mid-Flood	Cloudy	Moderate	13:42	12	M	6	2	5			NA			NA			0.02	0.19	0.83	1.04			NA			NA			NA		
G2	16/9/2017	Mid-Flood	Cloudy	Moderate	13:42	12	M	6	3										0.02	0.18	0.83	1.03											
G2	16/9/2017	Mid-Flood	Cloudy	Moderate	13:42	12	B	11	1	5	5		NA	NA		NA	NA		0.03	0.18	0.83	1.04	1.04		NA	NA		NA	NA		NA	NA	
G2	16/9/2017	Mid-Flood	Cloudy	Moderate	13:42	12	B	11	2	4			NA			NA			0.04	0.18	0.83	1.05			NA			NA			NA		
G2	16/9/2017	Mid-Flood	Cloudy	Moderate	13:42	12	B	11	3										0.01	0.18	0.84	1.03											
SR2	16/9/2017	Mid-Flood	Cloudy	Moderate	13:25	9	S	1	1	4	4	4	0.04	0.07	0.07	0.001	0.002	0.003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	16/9/2017	Mid-Flood	Cloudy	Moderate	13:25	9	S	1	2	4			0.09			0.003			NA	NA	NA	NA			NA			NA			NA		
SR2	16/9/2017	Mid-Flood	Cloudy	Moderate	13:25	9	S	1	3										NA	NA	NA	NA											
SR2	16/9/2017	Mid-Flood	Cloudy	Moderate	13:25	9	M	4.5	1	3	4		0.04			0.001			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	16/9/2017	Mid-Flood	Cloudy	Moderate	13:25	9	M	4.5	2	4			0.10			0.004			NA	NA	NA	NA			NA			NA			NA		
SR2	16/9/2017	Mid-Flood	Cloudy	Moderate	13:25	9	M	4.5	3										NA	NA	NA	NA											
SR2	16/9/2017	Mid-Flood	Cloudy	Moderate	13:25	9	B	8	1	6	5		0.07	0.07		0.003	0.003		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	16/9/2017	Mid-Flood	Cloudy	Moderate	13:25	9	B	8	2	4			0.06			0.002			NA	NA	NA	NA			NA			NA			NA		
SR2	16/9/2017	Mid-Flood	Cloudy	Moderate	13:25	9	B	8	3										NA	NA	NA	NA											
SR3	16/9/2017	Mid-Flood	Cloudy	Moderate	13:59	8	S	1	1	5	5	5	0.10	0.13	0.16	0.004	0.004	0.006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	16/9/2017	Mid-Flood	Cloudy	Moderate	13:59	8	S	1	2	5			0.15			0.005			NA	NA	NA	NA			NA			NA			NA		
SR3	16/9/2017	Mid-Flood	Cloudy	Moderate	13:59	8	S	1	3										NA	NA	NA	NA											
SR3	16/9/2017	Mid-Flood	Cloudy	Moderate	13:59	8	M	4	1	4	4		0.16	0.16		0.006	0.006		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	16/9/2017	Mid-Flood	Cloudy	Moderate	13:59	8	M	4	2	4			0.16			0.006			NA	NA	NA	NA			NA			NA			NA		
SR3	16/9/2017	Mid-Flood	Cloudy	Moderate	13:59	8	M	4	3										NA	NA	NA	NA											
SR3	16/9/2017	Mid-Flood	Cloudy	Moderate	13:59	8	B	7	1	5	5		0.23	0.21		0.008	0.007		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	16/9/2017	Mid-Flood	Cloudy	Moderate	13:59	8	B	7	2	4			0.18			0.006			NA	NA	NA	NA			NA			NA			NA		
SR3	16/9/2017	Mid-Flood	Cloudy	Moderate	13:59	8	B	7	3										NA	NA	NA	NA											

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
SR4	16/9/2017	Mid-Flood	Cloudy	Moderate	14:15	4	S	1	1	3	3	3	0.09	0.12	0.10	0.002	0.003	0.019	NA	NA	NA	NA	NA	NA	56	60	65	NA	NA	NA	<1	1	1
SR4	16/9/2017	Mid-Flood	Cloudy	Moderate	14:15	4	S	1	2	3			0.14			0.004			NA	NA	NA	NA			64			NA			<1		
SR4	16/9/2017	Mid-Flood	Cloudy	Moderate	14:15	4	S	1	3										NA	NA	NA	NA											
SR4	16/9/2017	Mid-Flood	Cloudy	Moderate	14:15	4	M		1		NA			NA			NA		NA	NA	NA	NA	NA			NA		NA	NA				
SR4	16/9/2017	Mid-Flood	Cloudy	Moderate	14:15	4	M		2										NA	NA	NA	NA											
SR4	16/9/2017	Mid-Flood	Cloudy	Moderate	14:15	4	M		3										NA	NA	NA	NA											
SR4	16/9/2017	Mid-Flood	Cloudy	Moderate	14:15	4	B	3	1	4	4		0.08	0.08		0.036	0.034		NA	NA	NA	NA	NA		74	71		NA	NA		<1	1	
SR4	16/9/2017	Mid-Flood	Cloudy	Moderate	14:15	4	B	3	2	3			0.07			0.032			NA	NA	NA	NA			68			NA			<1		
SR4	16/9/2017	Mid-Flood	Cloudy	Moderate	14:15	4	B	3	3										NA	NA	NA	NA											
SR5	16/9/2017	Mid-Flood	Cloudy	Moderate	13:04	11	S	1	1	4	4	4	NA	NA	NA	NA	NA	NA	<0.01	0.24	0.96	1.20	1.22	1.26	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	16/9/2017	Mid-Flood	Cloudy	Moderate	13:04	11	S	1	2	4			NA			NA			0.03	0.24	0.98	1.25			NA			NA			NA		
SR5	16/9/2017	Mid-Flood	Cloudy	Moderate	13:04	11	S	1	3										<0.01	0.24	0.96	1.20											
SR5	16/9/2017	Mid-Flood	Cloudy	Moderate	13:04	11	M	5.5	1	3			NA			NA			0.10	0.23	0.98	1.31			NA			NA			NA		
SR5	16/9/2017	Mid-Flood	Cloudy	Moderate	13:04	11	M	5.5	2	5			NA			NA			0.12	0.24	0.98	1.34			NA			NA			NA		
SR5	16/9/2017	Mid-Flood	Cloudy	Moderate	13:04	11	M	5.5	3										0.09	0.24	0.96	1.29											
SR5	16/9/2017	Mid-Flood	Cloudy	Moderate	13:04	11	B	10	1	4	4		NA	NA		NA	NA		0.06	0.24	0.97	1.27	1.26		NA	NA		NA	NA		NA	NA	
SR5	16/9/2017	Mid-Flood	Cloudy	Moderate	13:04	11	B	10	2	4			NA			NA			0.05	0.24	0.97	1.26			NA			NA			NA		
SR5	16/9/2017	Mid-Flood	Cloudy	Moderate	13:04	11	B	10	3										0.06	0.24	0.96	1.26											
SR12	16/9/2017	Mid-Flood	Cloudy	Moderate	14:26	15	S	1	1	5	5	7	0.14	0.16	0.14	0.005	0.006	0.005	NA	NA	NA	NA	NA	NA	540	574	83	NA	NA	NA	<1	1	1
SR12	16/9/2017	Mid-Flood	Cloudy	Moderate	14:26	15	S	1	2	5			0.18			0.007			NA	NA	NA	NA			610			NA			<1		
SR12	16/9/2017	Mid-Flood	Cloudy	Moderate	14:26	15	S	1	3										NA	NA	NA	NA											
SR12	16/9/2017	Mid-Flood	Cloudy	Moderate	14:26	15	M	7.5	1	8	8		0.09	0.12		0.003	0.005		NA	NA	NA	NA	NA		14	14		NA	NA		<1	1	
SR12	16/9/2017	Mid-Flood	Cloudy	Moderate	14:26	15	M	7.5	2	8			0.15			0.006			NA	NA	NA	NA			15			NA			<1		
SR12	16/9/2017	Mid-Flood	Cloudy	Moderate	14:26	15	M	7.5	3										NA	NA	NA	NA											
SR12	16/9/2017	Mid-Flood	Cloudy	Moderate	14:26	15	B	14	1	9	9		0.12	0.13		0.005	0.005		NA	NA	NA	NA	NA		65	68		NA	NA		1	1	
SR12	16/9/2017	Mid-Flood	Cloudy	Moderate	14:26	15	B	14	2	8			0.13			0.005			NA	NA	NA	NA			72			NA			1		
SR12	16/9/2017	Mid-Flood	Cloudy	Moderate	14:26	15	B	14	3										NA	NA	NA	NA											
SR13	16/9/2017	Mid-Flood	Cloudy	Moderate	14:40	14	S	1	1	8	8	8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	16/9/2017	Mid-Flood	Cloudy	Moderate	14:40	14	S	1	2	7			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	16/9/2017	Mid-Flood	Cloudy	Moderate	14:40	14	S	1	3										NA	NA	NA	NA											
SR13	16/9/2017	Mid-Flood	Cloudy	Moderate	14:40	14	M	7	1	9	8		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	16/9/2017	Mid-Flood	Cloudy	Moderate	14:40	14	M	7	2	7			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	16/9/2017	Mid-Flood	Cloudy	Moderate	14:40	14	M	7	3										NA	NA	NA	NA											
SR13	16/9/2017	Mid-Flood	Cloudy	Moderate	14:40	14	B	13	1	8	8		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	16/9/2017	Mid-Flood	Cloudy	Moderate	14:40	14	B	13	2	8			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	16/9/2017	Mid-Flood	Cloudy	Moderate	14:40	14	B	13	3										NA	NA	NA	NA											

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
C1A	16/9/2017	Mid-Ebb	Cloudy	Moderate	12:15	28	S	1	1	7.77	7.77	18.47	18.47	29.37	29.37	83.0	83.1	5.66	5.66	5.68	3.4	3.4	3.4	0.05	0.05	0.09	0.002	0.002	0.004	0.05	0.24	0.95	1.24	1.25	1.30
C1A	16/9/2017	Mid-Ebb	Cloudy	Moderate	12:15	28	S	1	2	7.77		18.47		29.38		83.1		5.65			3.3			0.05			0.002			0.05	0.24	0.96	1.25		
C1A	16/9/2017	Mid-Ebb	Cloudy	Moderate	12:15	28	S	1	3																					0.05	0.25	0.95	1.25		
C1A	16/9/2017	Mid-Ebb	Cloudy	Moderate	12:15	28	M	14	1	7.78	7.78	20.27	20.27	29.13	29.13	83.2	83.3	5.70	5.71		3.6	3.6		0.13	0.13		0.005	0.005		0.13	0.16	1.08	1.37	1.36	
C1A	16/9/2017	Mid-Ebb	Cloudy	Moderate	12:15	28	M	14	2	7.78		20.27		29.13		83.3		5.71			3.5			0.13			0.005			0.13	0.17	1.07	1.37		
C1A	16/9/2017	Mid-Ebb	Cloudy	Moderate	12:15	28	M	14	3																					0.13	0.23	0.97	1.33		
C1A	16/9/2017	Mid-Ebb	Cloudy	Moderate	12:15	28	B	27	1	7.77	7.77	22.41	22.41	28.92	28.92	80.1	80.2	5.44	5.45		3.4	3.4		0.10	0.10		0.004	0.004		0.10	0.22	0.98	1.30	1.30	
C1A	16/9/2017	Mid-Ebb	Cloudy	Moderate	12:15	28	B	27	2	7.77		22.41		28.92		80.2		5.45			3.3			0.10			0.004			0.10	0.23	0.96	1.29		
C1A	16/9/2017	Mid-Ebb	Cloudy	Moderate	12:15	28	B	27	3																					0.10	0.23	0.97	1.30		
C2A	16/9/2017	Mid-Ebb	Cloudy	Moderate	8:40	13	S	1	1	7.92	7.92	27.78	27.78	28.33	28.33	80.0	80.1	5.33	5.34	5.32	1.0	1.1	1.1	0.15	0.15	0.22	0.007	0.007	0.010	0.15	0.10	0.48	0.73	0.77	0.81
C2A	16/9/2017	Mid-Ebb	Cloudy	Moderate	8:40	13	S	1	2	7.92		27.78		28.33		80.1		5.34			1.1			0.15			0.007			0.15	0.08	0.60	0.83		
C2A	16/9/2017	Mid-Ebb	Cloudy	Moderate	8:40	13	S	1	3																					0.15	0.09	0.52	0.76		
C2A	16/9/2017	Mid-Ebb	Cloudy	Moderate	8:40	13	M	6.5	1	7.91	7.91	27.90	27.90	28.26	28.26	79.3	79.4	5.29	5.30		1.3	1.4		0.25	0.25		0.011	0.011		0.25	0.10	0.46	0.81	0.82	
C2A	16/9/2017	Mid-Ebb	Cloudy	Moderate	8:40	13	M	6.5	2	7.91		27.90		28.26		79.4		5.30			1.4			0.25			0.011			0.25	0.10	0.48	0.83		
C2A	16/9/2017	Mid-Ebb	Cloudy	Moderate	8:40	13	M	6.5	3																					0.25	0.10	0.47	0.82		
C2A	16/9/2017	Mid-Ebb	Cloudy	Moderate	8:40	13	B	12	1	7.91	7.91	28.14	28.14	28.17	28.17	79.0	79.1	5.26	5.27		1.3	1.3		0.25	0.25		0.011	0.011		0.25	0.08	0.50	0.83	0.84	
C2A	16/9/2017	Mid-Ebb	Cloudy	Moderate	8:40	13	B	12	2	7.91		28.14		28.17		79.1		5.27			1.3			0.25			0.011			0.25	0.10	0.47	0.82		
C2A	16/9/2017	Mid-Ebb	Cloudy	Moderate	8:40	13	B	12	3																					0.25	0.09	0.52	0.86		
G2	16/9/2017	Mid-Ebb	Cloudy	Moderate	10:16	12	S	1	1	7.74	7.74	21.64	21.65	29.02	29.03	83.6	83.7	5.70	5.71	5.71	1.9	1.9	1.8	NA	NA	NA	NA	NA	NA	0.01	0.18	0.84	1.03	1.03	1.02
G2	16/9/2017	Mid-Ebb	Cloudy	Moderate	10:16	12	S	1	2	7.74		21.65		29.03		83.7		5.71			1.8			NA			NA			0.01	0.18	0.84	1.03		
G2	16/9/2017	Mid-Ebb	Cloudy	Moderate	10:16	12	S	1	3																					0.01	0.18	0.84	1.03		
G2	16/9/2017	Mid-Ebb	Cloudy	Moderate	10:16	12	M	6	1	7.77	7.77	21.82	21.83	28.98	28.99	83.6	83.7	5.70	5.71		1.7	1.8		NA	NA		NA	NA		0.01	0.19	0.82	1.02		
G2	16/9/2017	Mid-Ebb	Cloudy	Moderate	10:16	12	M	6	2	7.77		21.83		28.99		83.7		5.71			1.8			NA			NA			0.01	0.18	0.84	1.03		
G2	16/9/2017	Mid-Ebb	Cloudy	Moderate	10:16	12	M	6	3																					0.01	0.18	0.84	1.03		
G2	16/9/2017	Mid-Ebb	Cloudy	Moderate	10:16	12	B	11	1	7.77	7.77	21.86	21.86	28.97	28.98	83.4	83.5	5.70	5.71		1.8	1.9		NA	NA		NA	NA		0.01	0.18	0.82	1.01		
G2	16/9/2017	Mid-Ebb	Cloudy	Moderate	10:16	12	B	11	2	7.77		21.86		28.98		83.5		5.71			1.9			NA			NA			0.01	0.18	0.83	1.02		
G2	16/9/2017	Mid-Ebb	Cloudy	Moderate	10:16	12	B	11	3																					0.01	0.18	0.83	1.02		
SR2	16/9/2017	Mid-Ebb	Cloudy	Moderate	10:36	9	S	1	1	7.82	7.82	22.00	22.00	29.00	29.00	82.2	82.3	5.97	5.98	5.90	2.1	2.1	1.8	0.01	0.01	0.01	0.000	0.000	0.000	NA	NA	NA	NA	NA	NA
SR2	16/9/2017	Mid-Ebb	Cloudy	Moderate	10:36	9	S	1	2	7.82		22.00		29.00		82.3		5.98			2.0			0.01			0.000			NA	NA	NA	NA		
SR2	16/9/2017	Mid-Ebb	Cloudy	Moderate	10:36	9	S	1	3																					NA	NA	NA	NA		
SR2	16/9/2017	Mid-Ebb	Cloudy	Moderate	10:36	9	M	4.5	1	7.82	7.82	22.03	22.03	29.00	29.00	86.1	86.2	5.82	5.83		1.7	1.8		0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA	
SR2	16/9/2017	Mid-Ebb	Cloudy	Moderate	10:36	9	M	4.5	2	7.82		22.03		29.00		86.2		5.83			1.8			0.01			0.000			NA	NA	NA	NA		
SR2	16/9/2017	Mid-Ebb	Cloudy	Moderate	10:36	9	M	4.5	3																					NA	NA	NA	NA		
SR2	16/9/2017	Mid-Ebb	Cloudy	Moderate	10:36	9	B	8	1	7.78	7.78	21.96	21.96	29.00	29.00	86.0	86.1	5.81	5.84		1.7	1.7		0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA	
SR2	16/9/2017	Mid-Ebb	Cloudy	Moderate	10:36	9	B	8	2	7.78		21.96		29.00		86.1		5.87			1.6			0.01			0.000			NA	NA	NA	NA		
SR2	16/9/2017	Mid-Ebb	Cloudy	Moderate	10:36	9	B	8	3																					NA	NA	NA	NA		
SR3	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:57	8	S	1	1	7.75	7.75	21.55	21.55	29.04	29.05	82.8	82.5	5.59	5.60	5.60	2.3	2.3	2.5	0.04	0.04	0.11	0.001	0.001	0.004	NA	NA	NA	NA	NA	NA
SR3	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:57	8	S	1	2	7.75		21.55		29.05		82.1		5.60			2.2			0.03			0.001			NA	NA	NA	NA		
SR3	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:57	8	S	1	3																					NA	NA	NA	NA		
SR3	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:57	8	M	4	1	7.75	7.75	22.22	22.22	28.91	28.92	82.1	82.2	5.60	5.61		2.5	2.5		0.10	0.10		0.003	0.003		NA	NA	NA	NA	NA	
SR3	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:57	8	M	4	2	7.75		22.22		28.92		82.2		5.61			2.4			0.10			0.003			NA	NA	NA	NA		
SR3	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:57	8	M	4	3																					NA	NA	NA	NA		
SR3	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:57	8	B	7	1	7.75	7.75	22.32	22.32	28.95	28.95	81.5	81.6	5.67	5.68		2.7	2.7		0.19	0.19		0.007	0.006		NA	NA	NA	NA	NA	
SR3	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:57	8	B	7	2	7.75		22.32		28.95		81.6		5.68			2.6			0.18			0.006			NA	NA	NA	NA		
SR3	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:57	8	B	7	3																					NA	NA	NA	NA		

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR4	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:39	4	S	1	1	7.83	7.83	22.90	22.90	28.87	28.88	84.9	85.0	5.77	5.79	5.79	2.2	2.2	2.2	0.10	0.10	0.10	0.004	0.004	0.004	NA	NA	NA	NA	NA	NA
SR4	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:39	4	S	1	2	7.83		22.90		28.88		85.0		5.80			2.1			0.10			0.004			NA	NA	NA	NA		
SR4	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:39	4	S	1	3																					NA	NA	NA	NA		
SR4	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:39	4	M		1		NA		NA		NA		NA		NA			NA			NA			NA			NA	NA	NA	NA	NA	NA
SR4	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:39	4	M		2																					NA	NA	NA	NA		
SR4	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:39	4	M		3																					NA	NA	NA	NA		
SR4	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:39	4	B	3	1	7.83	7.83	22.94	22.94	28.86	28.87	84.9	85.0	5.77	5.78		2.2	2.2		0.10	0.10		0.004	0.004		NA	NA	NA	NA	NA	
SR4	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:39	4	B	3	2	7.83		22.94		28.87		85.0		5.78			2.2			0.10			0.004			NA	NA	NA	NA		
SR4	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:39	4	B	3	3																					NA	NA	NA	NA		
SR5	16/9/2017	Mid-Ebb	Cloudy	Moderate	11:58	11	S	1	1	7.77	7.77	18.38	18.38	29.30	29.30	83.3	83.4	5.76	5.77	5.72	3.1	3.1	3.1	NA	NA	NA	NA	NA	NA	0.01	0.25	0.95	1.21	1.22	1.26
SR5	16/9/2017	Mid-Ebb	Cloudy	Moderate	11:58	11	S	1	2	7.77		18.38		29.30		83.4		5.77			3.0			NA			NA			0.01	0.25	0.96	1.22		
SR5	16/9/2017	Mid-Ebb	Cloudy	Moderate	11:58	11	S	1	3																					0.01	0.24	0.97	1.22		
SR5	16/9/2017	Mid-Ebb	Cloudy	Moderate	11:58	11	M	5.5	1	7.77	7.77	18.99	18.99	29.24	29.25	82.7	82.8	5.66	5.67		3.3	3.2		NA	NA		NA	NA		0.10	0.24	0.98	1.32	1.31	
SR5	16/9/2017	Mid-Ebb	Cloudy	Moderate	11:58	11	M	5.5	2	7.77		18.99		29.25		82.8		5.67			3.0			NA			NA			0.10	0.23	0.98	1.31		
SR5	16/9/2017	Mid-Ebb	Cloudy	Moderate	11:58	11	M	5.5	3																					0.10	0.24	0.97	1.31		
SR5	16/9/2017	Mid-Ebb	Cloudy	Moderate	11:58	11	B	10	1	7.78	7.78	20.06	20.06	29.14	29.14	81.1	81.4	5.61	5.62		3.0	3.1		NA	NA		NA	NA		0.05	0.24	0.97	1.26	1.26	
SR5	16/9/2017	Mid-Ebb	Cloudy	Moderate	11:58	11	B	10	2	7.78		20.06		29.14		81.7		5.62			3.2			NA			NA			0.05	0.24	0.97	1.26		
SR5	16/9/2017	Mid-Ebb	Cloudy	Moderate	11:58	11	B	10	3																					0.06	0.24	0.97	1.27		
SR12	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:23	15	S	1	1	7.81	7.81	24.84	24.84	28.61	28.61	83.2	83.2	5.61	5.62	5.61	1.0	1.0	1.5	0.13	0.12	0.13	0.005	0.005	0.005	NA	NA	NA	NA	NA	NA
SR12	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:23	15	S	1	2	7.81		24.84		28.61		83.2		5.62			1.0			0.12			0.005			NA	NA	NA	NA		
SR12	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:23	15	S	1	3																					NA	NA	NA	NA		
SR12	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:23	15	M	7.5	1	7.83	7.83	29.81	29.81	28.61	28.61	83.0	83.1	5.60	5.61		1.8	1.8		0.11	0.11		0.004	0.004		NA	NA	NA	NA	NA	
SR12	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:23	15	M	7.5	2	7.83		29.81		28.61		83.1		5.61			1.7			0.11			0.004			NA	NA	NA	NA		
SR12	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:23	15	M	7.5	3																					NA	NA	NA	NA		
SR12	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:23	15	B	14	1	7.82	7.82	24.82	24.82	28.61	28.61	82.5	82.6	5.41	5.42		1.8	1.9		0.14	0.14		0.005	0.005		NA	NA	NA	NA	NA	
SR12	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:23	15	B	14	2	7.82		24.82		28.61		82.6		5.42			1.9			0.14			0.005			NA	NA	NA	NA		
SR12	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:23	15	B	14	3																					NA	NA	NA	NA		
SR13	16/9/2017	Mid-Ebb	Cloudy	Moderate	8:56	14	S	1	1	7.84	7.84	28.24	28.24	28.23	28.23	72.4	72.5	4.84	4.85	4.81	2.0	2.1	2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	16/9/2017	Mid-Ebb	Cloudy	Moderate	8:56	14	S	1	2	7.84		28.24		28.23		72.5		4.85			2.2			NA			NA			NA	NA	NA	NA		
SR13	16/9/2017	Mid-Ebb	Cloudy	Moderate	8:56	14	S	1	3																					NA	NA	NA	NA		
SR13	16/9/2017	Mid-Ebb	Cloudy	Moderate	8:56	14	M	7	1	7.85	7.85	27.75	27.75	28.21	28.21	71.6	71.6	4.78	4.78		2.1	2.2		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	16/9/2017	Mid-Ebb	Cloudy	Moderate	8:56	14	M	7	2	7.85		27.75		28.21		71.6		4.78			2.2			NA			NA			NA	NA	NA	NA		
SR13	16/9/2017	Mid-Ebb	Cloudy	Moderate	8:56	14	M	7	3																					NA	NA	NA	NA		
SR13	16/9/2017	Mid-Ebb	Cloudy	Moderate	8:56	14	B	13	1	7.84	7.84	27.79	27.79	28.14	28.14	67.3	67.3	4.62	4.63		2.2	2.3		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	16/9/2017	Mid-Ebb	Cloudy	Moderate	8:56	14	B	13	2	7.84		27.78		28.14		67.3		4.63			2.3			NA			NA			NA	NA	NA	NA		
SR13	16/9/2017	Mid-Ebb	Cloudy	Moderate	8:56	14	B	13	3																					NA	NA	NA	NA		

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
C1A	16/9/2017	Mid-Ebb	Cloudy	Moderate	12:15	28	S	1	1	4	4	3	0.03	0.03	0.10	0.001	0.001	0.004	0.03	0.24	0.95	1.22	1.23	1.30	10	9	14	NA	NA	NA	<1	1	1
C1A	16/9/2017	Mid-Ebb	Cloudy	Moderate	12:15	28	S	1	2	3			0.03			0.001			0.03	0.24	0.96	1.23			8			NA			<1		
C1A	16/9/2017	Mid-Ebb	Cloudy	Moderate	12:15	28	S	1	3										0.05	0.25	0.95	1.25											
C1A	16/9/2017	Mid-Ebb	Cloudy	Moderate	12:15	28	M	14	1	3	3		0.15	0.14		0.006	0.005		0.15	0.16	1.08	1.39	1.36		21	23		NA	NA		<1	1	
C1A	16/9/2017	Mid-Ebb	Cloudy	Moderate	12:15	28	M	14	2	3			0.13			0.005			0.13	0.17	1.07	1.37			26			NA			<1		
C1A	16/9/2017	Mid-Ebb	Cloudy	Moderate	12:15	28	M	14	3										0.13	0.23	0.97	1.33											
C1A	16/9/2017	Mid-Ebb	Cloudy	Moderate	12:15	28	B	27	1	3	4		0.16	0.13		0.006	0.005		0.16	0.22	0.98	1.36	1.31		13	12		NA	NA		<1	1	
C1A	16/9/2017	Mid-Ebb	Cloudy	Moderate	12:15	28	B	27	2	4			0.10			0.004			0.10	0.23	0.96	1.29			11			NA			<1		
C1A	16/9/2017	Mid-Ebb	Cloudy	Moderate	12:15	28	B	27	3										0.08	0.23	0.97	1.28											
C2A	16/9/2017	Mid-Ebb	Cloudy	Moderate	8:40	13	S	1	1	6	7	6	0.19	0.15	0.22	0.009	0.007	0.010	0.19	0.10	0.48	0.77	0.78	0.80	36	39	142	NA	NA	NA	<1	1	1
C2A	16/9/2017	Mid-Ebb	Cloudy	Moderate	8:40	13	S	1	2	7			0.11			0.005			0.11	0.08	0.60	0.79			42			NA			<1		
C2A	16/9/2017	Mid-Ebb	Cloudy	Moderate	8:40	13	S	1	3										0.16	0.09	0.52	0.77											
C2A	16/9/2017	Mid-Ebb	Cloudy	Moderate	8:40	13	M	6.5	1	6	6		0.28	0.26		0.013	0.012		0.28	0.10	0.46	0.84	0.82		380	399		NA	NA		<1	1	
C2A	16/9/2017	Mid-Ebb	Cloudy	Moderate	8:40	13	M	6.5	2	6			0.24			0.011			0.24	0.10	0.48	0.82			420			NA			<1		
C2A	16/9/2017	Mid-Ebb	Cloudy	Moderate	8:40	13	M	6.5	3										0.24	0.10	0.47	0.81											
C2A	16/9/2017	Mid-Ebb	Cloudy	Moderate	8:40	13	B	12	1	7	7		0.38	0.26		0.017	0.012		0.38	0.08	0.50	0.96	0.81		210	183		NA	NA		<1	1	
C2A	16/9/2017	Mid-Ebb	Cloudy	Moderate	8:40	13	B	12	2	6			0.14			0.006			0.14	0.10	0.47	0.71			160			NA			<1		
C2A	16/9/2017	Mid-Ebb	Cloudy	Moderate	8:40	13	B	12	3										0.16	0.09	0.52	0.77											
G2	16/9/2017	Mid-Ebb	Cloudy	Moderate	10:16	12	S	1	1	5	4	5	NA	NA	NA	NA	NA	NA	0.04	0.18	0.84	1.06	1.05	1.04	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	16/9/2017	Mid-Ebb	Cloudy	Moderate	10:16	12	S	1	2	3			NA			NA			0.03	0.18	0.84	1.05			NA			NA			NA		
G2	16/9/2017	Mid-Ebb	Cloudy	Moderate	10:16	12	S	1	3										0.02	0.18	0.84	1.04											
G2	16/9/2017	Mid-Ebb	Cloudy	Moderate	10:16	12	M	6	1	5	6		NA	NA		NA	NA		0.01	0.19	0.82	1.02	1.03		NA	NA		NA	NA		NA	NA	NA
G2	16/9/2017	Mid-Ebb	Cloudy	Moderate	10:16	12	M	6	2	6			NA			NA			0.02	0.18	0.84	1.04			NA			NA			NA		
G2	16/9/2017	Mid-Ebb	Cloudy	Moderate	10:16	12	M	6	3										0.02	0.18	0.84	1.04											
G2	16/9/2017	Mid-Ebb	Cloudy	Moderate	10:16	12	B	11	1	5	6		NA	NA		NA	NA		0.03	0.18	0.82	1.03	1.03		NA	NA		NA	NA		NA	NA	
G2	16/9/2017	Mid-Ebb	Cloudy	Moderate	10:16	12	B	11	2	6			NA			NA			0.02	0.18	0.83	1.03			NA			NA			NA		
G2	16/9/2017	Mid-Ebb	Cloudy	Moderate	10:16	12	B	11	3										0.01	0.18	0.83	1.02											
SR2	16/9/2017	Mid-Ebb	Cloudy	Moderate	10:36	9	S	1	1	7	7	8	<0.01	0.01	0.02	0.000	0.000	0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	16/9/2017	Mid-Ebb	Cloudy	Moderate	10:36	9	S	1	2	6			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR2	16/9/2017	Mid-Ebb	Cloudy	Moderate	10:36	9	S	1	3										NA	NA	NA	NA											
SR2	16/9/2017	Mid-Ebb	Cloudy	Moderate	10:36	9	M	4.5	1	10	9		<0.01			0.000			NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	16/9/2017	Mid-Ebb	Cloudy	Moderate	10:36	9	M	4.5	2	8			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR2	16/9/2017	Mid-Ebb	Cloudy	Moderate	10:36	9	M	4.5	3										NA	NA	NA	NA											
SR2	16/9/2017	Mid-Ebb	Cloudy	Moderate	10:36	9	B	8	1	8	9		<0.01	0.03		0.000	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	16/9/2017	Mid-Ebb	Cloudy	Moderate	10:36	9	B	8	2	9			0.04			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	16/9/2017	Mid-Ebb	Cloudy	Moderate	10:36	9	B	8	3										NA	NA	NA	NA											
SR3	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:57	8	S	1	1	8	7	6	0.04	0.04	0.11	0.001	0.001	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:57	8	S	1	2	6			0.03			0.001			NA	NA	NA	NA			NA			NA			NA		
SR3	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:57	8	S	1	3										NA	NA	NA	NA											
SR3	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:57	8	M	4	1	7	7		0.04	0.10		0.001	0.003		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:57	8	M	4	2	6			0.16			0.006			NA	NA	NA	NA			NA			NA			NA		
SR3	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:57	8	M	4	3										NA	NA	NA	NA											
SR3	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:57	8	B	7	1	5	6		0.19	0.19		0.007	0.006		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:57	8	B	7	2	6			0.18			0.006			NA	NA	NA	NA			NA			NA			NA		
SR3	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:57	8	B	7	3										NA	NA	NA	NA											

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
SR4	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:39	4	S	1	1	5	4		0.07	0.09		0.003	0.003		NA	NA	NA	NA	NA		150	164		NA	NA		<1	1	
SR4	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:39	4	S	1	2	3			0.10			0.004			NA	NA	NA	NA			180			NA			<1		
SR4	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:39	4	S	1	3										NA	NA	NA	NA											
SR4	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:39	4	M		1		NA	4		NA	0.09		NA	0.003	NA	NA	NA	NA	NA	NA		NA	34	NA	NA	NA		NA	1
SR4	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:39	4	M		2										NA	NA	NA	NA											
SR4	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:39	4	M		3										NA	NA	NA	NA											
SR4	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:39	4	B	3	1	4	4		0.10	0.09		0.004	0.003		NA	NA	NA	NA	NA		8	7		NA	NA		<1	1	
SR4	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:39	4	B	3	2	4			0.07			0.003			NA	NA	NA	NA			6			NA			<1		
SR4	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:39	4	B	3	3										NA	NA	NA	NA											
SR5	16/9/2017	Mid-Ebb	Cloudy	Moderate	11:58	11	S	1	1	4	4		NA	NA		NA	NA		<0.01	0.25	0.95	1.20	1.22		NA	NA		NA	NA		NA	NA	
SR5	16/9/2017	Mid-Ebb	Cloudy	Moderate	11:58	11	S	1	2	4			NA			NA			<0.01	0.25	0.96	1.21			NA			NA			NA		
SR5	16/9/2017	Mid-Ebb	Cloudy	Moderate	11:58	11	S	1	3										0.03	0.24	0.97	1.24											
SR5	16/9/2017	Mid-Ebb	Cloudy	Moderate	11:58	11	M	5.5	1	5	4	4	NA	NA	NA	NA	NA	NA	0.10	0.24	0.98	1.32	1.31	1.26	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	16/9/2017	Mid-Ebb	Cloudy	Moderate	11:58	11	M	5.5	2	3			NA			NA			0.10	0.23	0.98	1.31			NA			NA			NA		
SR5	16/9/2017	Mid-Ebb	Cloudy	Moderate	11:58	11	M	5.5	3										0.09	0.24	0.97	1.30											
SR5	16/9/2017	Mid-Ebb	Cloudy	Moderate	11:58	11	B	10	1	4	4		NA	NA		NA	NA		0.05	0.24	0.97	1.26	1.26		NA	NA		NA	NA		NA	NA	
SR5	16/9/2017	Mid-Ebb	Cloudy	Moderate	11:58	11	B	10	2	4			NA			NA			0.05	0.24	0.97	1.26			NA			NA			NA		
SR5	16/9/2017	Mid-Ebb	Cloudy	Moderate	11:58	11	B	10	3										0.06	0.24	0.97	1.27											
SR12	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:23	15	S	1	1	8	8		0.14	0.13		0.005	0.005		NA	NA	NA	NA	NA		230	198		NA	NA		<1	1	
SR12	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:23	15	S	1	2	8			0.12			0.005			NA	NA	NA	NA			170			NA			<1		
SR12	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:23	15	S	1	3										NA	NA	NA	NA											
SR12	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:23	15	M	7.5	1	9	8	8	0.11	0.11	0.13	0.004	0.004	0.005	NA	NA	NA	NA	NA	NA	5	6	24	NA	NA	NA	1	1	1
SR12	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:23	15	M	7.5	2	7			0.11			0.004			NA	NA	NA	NA			8			NA			<1		
SR12	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:23	15	M	7.5	3										NA	NA	NA	NA											
SR12	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:23	15	B	14	1	9	9		0.14	0.14		0.005	0.005		NA	NA	NA	NA	NA		12	10		NA	NA		2	2	
SR12	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:23	15	B	14	2	8			0.14			0.005			NA	NA	NA	NA			9			NA			2		
SR12	16/9/2017	Mid-Ebb	Cloudy	Moderate	9:23	15	B	14	3										NA	NA	NA	NA											
SR13	16/9/2017	Mid-Ebb	Cloudy	Moderate	8:56	14	S	1	1	3	3		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	16/9/2017	Mid-Ebb	Cloudy	Moderate	8:56	14	S	1	2	2			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	16/9/2017	Mid-Ebb	Cloudy	Moderate	8:56	14	S	1	3										NA	NA	NA	NA											
SR13	16/9/2017	Mid-Ebb	Cloudy	Moderate	8:56	14	M	7	1	7	8	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	16/9/2017	Mid-Ebb	Cloudy	Moderate	8:56	14	M	7	2	8			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	16/9/2017	Mid-Ebb	Cloudy	Moderate	8:56	14	M	7	3										NA	NA	NA	NA											
SR13	16/9/2017	Mid-Ebb	Cloudy	Moderate	8:56	14	B	13	1	10	10		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	16/9/2017	Mid-Ebb	Cloudy	Moderate	8:56	14	B	13	2	9			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	16/9/2017	Mid-Ebb	Cloudy	Moderate	8:56	14	B	13	3										NA	NA	NA	NA											

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
C1A	19/9/2017	Mid-Flood	Fine	Moderate	15:08	35	S	1	1	7.73	7.74	24.81	24.82	29.52	29.51	87.5	87.7	6.12	6.11	5.94	8.1	8.3	11.3	0.01	0.01	0.01	0.000	0.000	0.000	0.01	0.10	0.68	0.79	0.78	0.79
C1A	19/9/2017	Mid-Flood	Fine	Moderate	15:08	35	S	1	2	7.74		24.82		29.50		87.8		6.10			8.5			0.01			0.000			0.01	0.10	0.68	0.79		
C1A	19/9/2017	Mid-Flood	Fine	Moderate	15:08	35	S	1	3																					0.01	0.10	0.66	0.77		
C1A	19/9/2017	Mid-Flood	Fine	Moderate	15:08	35	M	17	1	7.81	7.81	26.15	26.16	29.15	29.14	72.3	72.5	5.80	5.77		10.2	10.0		0.01	0.01		0.000	0.000		0.01	0.10	0.68	0.79	0.79	
C1A	19/9/2017	Mid-Flood	Fine	Moderate	15:08	35	M	17	2	7.80		26.17		29.13		72.7		5.73			9.8			0.01			0.000			0.01	0.10	0.67	0.78		
C1A	19/9/2017	Mid-Flood	Fine	Moderate	15:08	35	M	17	3																					0.01	0.10	0.69	0.80		
C1A	19/9/2017	Mid-Flood	Fine	Moderate	15:08	35	B	34	1	7.86	7.87	29.00	29.02	28.95	28.93	65.8	65.6	4.91	4.90		15.9	15.6		0.01	0.01		0.000	0.000		0.01	0.11	0.68	0.80	0.79	
C1A	19/9/2017	Mid-Flood	Fine	Moderate	15:08	35	B	34	2	7.87		29.03		28.91		65.3		4.88			15.2			0.01			0.000			0.01	0.10	0.68	0.79		
C1A	19/9/2017	Mid-Flood	Fine	Moderate	15:08	35	B	34	3																					0.01	0.10	0.68	0.79		
C2A	19/9/2017	Mid-Flood	Fine	Moderate	17:41	14	S	1	1	7.85	7.84	29.09	29.10	29.01	29.01	79.2	79.5	5.82	5.81	5.63	7.0	7.2	8.3	0.01	0.01	0.01	0.000	0.000	0.000	0.01	0.10	0.65	0.76	0.78	0.77
C2A	19/9/2017	Mid-Flood	Fine	Moderate	17:41	14	S	1	2	7.83		29.10		29.00		79.8		5.80			7.3			0.01			0.000			0.01	0.10	0.68	0.79		
C2A	19/9/2017	Mid-Flood	Fine	Moderate	17:41	14	S	1	3																					0.01	0.10	0.67	0.78		
C2A	19/9/2017	Mid-Flood	Fine	Moderate	17:41	14	M	6	1	7.93	7.92	29.36	29.36	28.75	28.75	76.2	76.1	5.42	5.45		7.9	8.1		0.01	0.01		0.000	0.000		0.01	0.10	0.67	0.78		
C2A	19/9/2017	Mid-Flood	Fine	Moderate	17:41	14	M	6	2	7.91		29.35		28.74		76.0		5.47			8.2			0.01			0.000			0.01	0.10	0.67	0.78		
C2A	19/9/2017	Mid-Flood	Fine	Moderate	17:41	14	M	6	3																					0.01	0.10	0.66	0.77		
C2A	19/9/2017	Mid-Flood	Fine	Moderate	17:41	14	B	13	1	7.95	7.96	29.51	29.52	28.58	28.57	74.1	74.2	5.11	5.10		9.5	9.6		0.01	0.01		0.001	0.001		0.01	0.10	0.69	0.80	0.77	
C2A	19/9/2017	Mid-Flood	Fine	Moderate	17:41	14	B	13	2	7.96		29.53		28.56		74.3		5.08			9.7			0.01			0.001			0.01	0.10	0.61	0.72		
C2A	19/9/2017	Mid-Flood	Fine	Moderate	17:41	14	B	13	3																					0.01	0.10	0.67	0.78		
G2	19/9/2017	Mid-Flood	Fine	Moderate	16:12	14	S	1	1	7.81	7.81	26.81	26.82	29.38	29.40	92.3	92.4	6.52	6.51	6.42	8.1	8.2	10.3	NA	NA	NA	NA	NA	NA	0.01	0.10	0.68	0.79	0.69	0.76
G2	19/9/2017	Mid-Flood	Fine	Moderate	16:12	14	S	1	2	7.80		26.83		29.41		92.5		6.50			8.3			NA			NA			0.01	0.10	0.68	0.79		
G2	19/9/2017	Mid-Flood	Fine	Moderate	16:12	14	S	1	3																					0.01	0.06	0.42	0.49		
G2	19/9/2017	Mid-Flood	Fine	Moderate	16:12	14	M	7	1	7.88	7.88	26.99	27.01	29.22	29.21	88.9	89.1	6.33	6.32		10.4	10.6		NA	NA		NA	NA		0.02	0.10	0.68	0.80		
G2	19/9/2017	Mid-Flood	Fine	Moderate	16:12	14	M	7	2	7.87		27.03		29.20		89.2		6.31			10.8			NA			NA			0.02	0.10	0.66	0.78		
G2	19/9/2017	Mid-Flood	Fine	Moderate	16:12	14	M	7	3																					0.02	0.10	0.66	0.78		
G2	19/9/2017	Mid-Flood	Fine	Moderate	16:12	14	B	13	1	7.92	7.91	27.30	27.29	29.07	29.06	85.4	85.6	6.08	6.07		12.1	12.2		NA	NA		NA	NA		0.02	0.10	0.66	0.78		
G2	19/9/2017	Mid-Flood	Fine	Moderate	16:12	14	B	13	2	7.90		27.28		29.04		85.7		6.06			12.3			NA			NA			0.02	0.10	0.67	0.79		
G2	19/9/2017	Mid-Flood	Fine	Moderate	16:12	14	B	13	3																					0.02	0.10	0.68	0.80		
SR2	19/9/2017	Mid-Flood	Fine	Moderate	15:50	11	S	1	1	7.74	7.74	26.02	26.04	29.17	29.19	89.0	88.9	5.89	5.91	5.73	10.2	10.4	10.2	0.03	0.03	0.02	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA
SR2	19/9/2017	Mid-Flood	Fine	Moderate	15:50	11	S	1	2	7.73		26.05		29.20		88.7		5.92			10.5			0.02			0.001			NA	NA	NA	NA		
SR2	19/9/2017	Mid-Flood	Fine	Moderate	15:50	11	S	1	3																					NA	NA	NA	NA		
SR2	19/9/2017	Mid-Flood	Fine	Moderate	15:50	11	M	5	1	7.79	7.80	25.81	25.80	29.01	29.01	86.3	86.4	5.57	5.56		11.2	11.3		0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA	NA
SR2	19/9/2017	Mid-Flood	Fine	Moderate	15:50	11	M	5	2	7.80		25.78		29.00		86.5		5.55			11.4			0.01			0.000			NA	NA	NA	NA		
SR2	19/9/2017	Mid-Flood	Fine	Moderate	15:50	11	M	5	3																					NA	NA	NA	NA		
SR2	19/9/2017	Mid-Flood	Fine	Moderate	15:50	11	B	10	1	7.85	7.84	25.53	25.55	28.85	28.86	82.7	82.6	5.34	5.32		9.0	8.9		0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA	
SR2	19/9/2017	Mid-Flood	Fine	Moderate	15:50	11	B	10	2	7.83		25.56		28.87		82.4		5.30			8.8			0.01			0.000			NA	NA	NA	NA		
SR2	19/9/2017	Mid-Flood	Fine	Moderate	15:50	11	B	10	3																					NA	NA	NA	NA		
SR3	19/9/2017	Mid-Flood	Fine	Moderate	16:02	12	S	1	1	7.71	7.72	26.31	26.30	29.52	29.54	90.5	90.6	6.08	6.06	5.91	7.8	7.7	7.9	0.01	0.01	0.01	0.000	0.000	0.000	NA	NA	NA	NA	NA	NA
SR3	19/9/2017	Mid-Flood	Fine	Moderate	16:02	12	S	1	2	7.73		26.28		29.55		90.7		6.04			7.5			0.01			0.000			NA	NA	NA	NA		
SR3	19/9/2017	Mid-Flood	Fine	Moderate	16:02	12	S	1	3																					NA	NA	NA	NA		
SR3	19/9/2017	Mid-Flood	Fine	Moderate	16:02	12	M	6	1	7.80	7.80	26.80	26.79	28.98	29.00	87.2	87.1	5.77	5.76		8.9	9.1		0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA	NA
SR3	19/9/2017	Mid-Flood	Fine	Moderate	16:02	12	M	6	2	7.79		26.77		29.02		87.0		5.74			9.2			0.01			0.000			NA	NA	NA	NA		
SR3	19/9/2017	Mid-Flood	Fine	Moderate	16:02	12	M	6	3																					NA	NA	NA	NA		
SR3	19/9/2017	Mid-Flood	Fine	Moderate	16:02	12	B	11	1	7.83	7.83	27.02	27.04	28.68	28.67	84.5	84.4	5.45	5.43		6.7	7.0		0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA	
SR3	19/9/2017	Mid-Flood	Fine	Moderate	16:02	12	B	11	2	7.82		27.06		28.65		84.3		5.41			7.2			0.01			0.000			NA	NA	NA	NA		
SR3	19/9/2017	Mid-Flood	Fine	Moderate	16:02	12	B	11	3																					NA	NA	NA	NA		

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																									
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR4	19/9/2017	Mid-Flood	Fine	Moderate	16:34	4	S	1	1	7.88	7.87	27.55	27.54	28.91	28.90	72.8	72.9	4.99	4.98	4.98	10.1	10.3	9.6	0.02	0.02	0.02	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA
SR4	19/9/2017	Mid-Flood	Fine	Moderate	16:34	4	S	1	2	7.85		27.52		28.88		72.9		4.97			10.5			0.02			0.001			NA	NA	NA	NA		
SR4	19/9/2017	Mid-Flood	Fine	Moderate	16:34	4	S	1	3																					NA	NA	NA	NA		
SR4	19/9/2017	Mid-Flood	Fine	Moderate	16:34	4	M		1																					NA	NA	NA	NA		
SR4	19/9/2017	Mid-Flood	Fine	Moderate	16:34	4	M		2		NA		NA		NA		NA		NA			NA			NA			NA		NA	NA	NA	NA	NA	NA
SR4	19/9/2017	Mid-Flood	Fine	Moderate	16:34	4	M		3																					NA	NA	NA	NA		
SR4	19/9/2017	Mid-Flood	Fine	Moderate	16:34	4	B	3	1	7.84	7.85	27.60	27.62	28.83	28.83	71.0	70.9	4.71	4.72		9.0	8.9		0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA	
SR4	19/9/2017	Mid-Flood	Fine	Moderate	16:34	4	B	3	2	7.85		27.63		28.83		70.7		4.72			8.8			0.01			0.000			NA	NA	NA	NA		
SR4	19/9/2017	Mid-Flood	Fine	Moderate	16:34	4	B	3	3																					NA	NA	NA	NA		
SR5	19/9/2017	Mid-Flood	Fine	Moderate	15:29	15	S	1	1	7.70	7.71	24.72	24.75	29.81	29.81	88.3	88.4	6.08	6.09	5.99	8.1	8.0	8.8	NA	NA	NA	NA	NA	NA	0.01	0.10	0.67	0.78	0.79	0.80
SR5	19/9/2017	Mid-Flood	Fine	Moderate	15:29	15	S	1	2	7.72		24.78		29.80		88.5		6.10			7.8			NA			NA			0.01	0.10	0.69	0.80		
SR5	19/9/2017	Mid-Flood	Fine	Moderate	15:29	15	S	1	3																					0.01	0.10	0.68	0.79		
SR5	19/9/2017	Mid-Flood	Fine	Moderate	15:29	15	M	7	1	7.82	7.84	24.25	24.27	29.51	29.50	83.1	83.0	5.87	5.89		8.9	9.1		NA	NA	NA	NA	NA	NA	0.01	0.10	0.69	0.80	0.81	
SR5	19/9/2017	Mid-Flood	Fine	Moderate	15:29	15	M	7	2	7.85		24.29		29.48		82.8		5.90			9.2			NA			NA			0.01	0.10	0.68	0.79		
SR5	19/9/2017	Mid-Flood	Fine	Moderate	15:29	15	M	7	3																					0.01	0.09	0.73	0.83		
SR5	19/9/2017	Mid-Flood	Fine	Moderate	15:29	15	B	14	1	7.91	7.90	24.01	24.03	29.31	29.32	80.9	80.8	5.77	5.76		9.5	9.4		NA	NA		NA	NA		0.01	0.10	0.69	0.80	0.80	
SR5	19/9/2017	Mid-Flood	Fine	Moderate	15:29	15	B	14	2	7.89		24.04		29.33		80.6		5.74			9.3			NA			NA			0.01	0.10	0.69	0.80		
SR5	19/9/2017	Mid-Flood	Fine	Moderate	15:29	15	B	14	3																					0.01	0.10	0.69	0.80		
SR12	19/9/2017	Mid-Flood	Fine	Moderate	16:56	7	S	1	1	7.75	7.76	28.22	28.24	28.51	28.53	79.8	79.5	5.40	5.40	5.26	5.9	6.3	8.1	0.01	0.01	0.01	0.000	0.000	0.000	NA	NA	NA	NA	NA	NA
SR12	19/9/2017	Mid-Flood	Fine	Moderate	16:56	7	S	1	2	7.76		28.26		28.54		79.1		5.39			6.7			0.01			0.000			NA	NA	NA	NA		
SR12	19/9/2017	Mid-Flood	Fine	Moderate	16:56	7	S	1	3																					NA	NA	NA	NA		
SR12	19/9/2017	Mid-Flood	Fine	Moderate	16:56	7	M	3	1	7.82	7.83	28.61	28.62	28.30	28.29	76.8	76.9	5.11	5.12		8.9	8.7		0.01	0.01		0.000	0.000	0.000	NA	NA	NA	NA	NA	NA
SR12	19/9/2017	Mid-Flood	Fine	Moderate	16:56	7	M	3	2	7.84		28.63		28.28		76.9		5.13			8.5			0.01			0.000			NA	NA	NA	NA		
SR12	19/9/2017	Mid-Flood	Fine	Moderate	16:56	7	M	3	3																					NA	NA	NA	NA		
SR12	19/9/2017	Mid-Flood	Fine	Moderate	16:56	7	B	6	1	7.89	7.88	29.01	29.03	28.08	28.07	71.9	72.1	5.00	5.02		9.1	9.2		0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA	
SR12	19/9/2017	Mid-Flood	Fine	Moderate	16:56	7	B	6	2	7.87		29.05		28.05		72.3		5.03			9.3			0.01			0.000			NA	NA	NA	NA		
SR12	19/9/2017	Mid-Flood	Fine	Moderate	16:56	7	B	6	3																					NA	NA	NA	NA		
SR13	19/9/2017	Mid-Flood	Fine	Moderate	17:18	13	S	1	1	7.79	7.80	28.15	28.16	28.91	28.89	73.1	73.3	5.07	5.05	4.92	6.2	6.2	7.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	19/9/2017	Mid-Flood	Fine	Moderate	17:18	13	S	1	2	7.80		28.17		28.87		73.4		5.03			6.1			NA			NA			NA	NA	NA	NA		
SR13	19/9/2017	Mid-Flood	Fine	Moderate	17:18	13	S	1	3																					NA	NA	NA	NA		
SR13	19/9/2017	Mid-Flood	Fine	Moderate	17:18	13	M	6	1	7.85	7.84	28.56	28.58	28.50	28.52	71.8	71.7	4.80	4.79		7.9	7.8		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	19/9/2017	Mid-Flood	Fine	Moderate	17:18	13	M	6	2	7.83		28.59		28.54		71.5		4.77			7.6			NA			NA			NA	NA	NA	NA		
SR13	19/9/2017	Mid-Flood	Fine	Moderate	17:18	13	M	6	3																					NA	NA	NA	NA		
SR13	19/9/2017	Mid-Flood	Fine	Moderate	17:18	13	B	12	1	7.88	7.89	29.00	28.99	28.31	28.31	69.6	69.5	4.59	4.58		9.0	8.8		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	19/9/2017	Mid-Flood	Fine	Moderate	17:18	13	B	12	2	7.89		28.97		28.30		69.3		4.56			8.5			NA			NA			NA	NA	NA	NA		
SR13	19/9/2017	Mid-Flood	Fine	Moderate	17:18	13	B	12	3																					NA	NA	NA	NA		

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
C1A	19/9/2017	Mid-Flood	Fine	Moderate	15:08	35	S	1	1	7	7	8	<0.01	0.01	0.01	0.000	0.000	0.000	<0.01	0.10	0.68	0.78	0.78	0.78	34	37	33	NA	NA	NA	<1	1	1
C1A	19/9/2017	Mid-Flood	Fine	Moderate	15:08	35	S	1	2	7			<0.01			0.000			<0.01	0.10	0.68	0.78			41			NA			<1		
C1A	19/9/2017	Mid-Flood	Fine	Moderate	15:08	35	S	1	3										0.02	0.10	0.66	0.78											
C1A	19/9/2017	Mid-Flood	Fine	Moderate	15:08	35	M	17	1	9	9		<0.01	0.02		0.000	0.001		<0.01	0.10	0.68	0.78	0.79		51	53		NA	NA		1	2	
C1A	19/9/2017	Mid-Flood	Fine	Moderate	15:08	35	M	17	2	9			0.02			0.001			0.02	0.10	0.67	0.79			56			NA			2		
C1A	19/9/2017	Mid-Flood	Fine	Moderate	15:08	35	M	17	3										<0.01	0.10	0.69	0.79											
C1A	19/9/2017	Mid-Flood	Fine	Moderate	15:08	35	B	34	1	8	9		<0.01	0.01		0.000	0.000		<0.01	0.11	0.68	0.79	0.78		21	18		NA	NA		<1	1	
C1A	19/9/2017	Mid-Flood	Fine	Moderate	15:08	35	B	34	2	9			<0.01			0.000			<0.01	0.10	0.68	0.78			16			NA			<1		
C1A	19/9/2017	Mid-Flood	Fine	Moderate	15:08	35	B	34	3										<0.01	0.10	0.68	0.78											
C2A	19/9/2017	Mid-Flood	Fine	Moderate	17:41	14	S	1	1	5	6	7	0.02	0.02	0.02	0.001	0.001	0.001	0.02	0.10	0.65	0.77	0.78	0.78	25	28	21	NA	NA	NA	2	2	2
C2A	19/9/2017	Mid-Flood	Fine	Moderate	17:41	14	S	1	2	6			<0.01			0.000			<0.01	0.10	0.68	0.78			31			NA			<1		
C2A	19/9/2017	Mid-Flood	Fine	Moderate	17:41	14	S	1	3										0.01	0.10	0.67	0.78											
C2A	19/9/2017	Mid-Flood	Fine	Moderate	17:41	14	M	6	1	8	8		0.02	0.02		0.001	0.001		0.02	0.10	0.67	0.79	0.78		17	19		NA	NA		2	2	
C2A	19/9/2017	Mid-Flood	Fine	Moderate	17:41	14	M	6	2	7			0.02			0.001			0.02	0.10	0.67	0.79			21			NA			1		
C2A	19/9/2017	Mid-Flood	Fine	Moderate	17:41	14	M	6	3										<0.01	0.10	0.66	0.76											
C2A	19/9/2017	Mid-Flood	Fine	Moderate	17:41	14	B	13	1	8	9		0.01	0.02		0.001	0.001		0.01	0.10	0.69	0.80	0.78		16	17		NA	NA		1	2	
C2A	19/9/2017	Mid-Flood	Fine	Moderate	17:41	14	B	13	2	10			0.03			0.002			0.03	0.10	0.61	0.74			18			NA			2		
C2A	19/9/2017	Mid-Flood	Fine	Moderate	17:41	14	B	13	3										0.03	0.10	0.67	0.80											
G2	19/9/2017	Mid-Flood	Fine	Moderate	16:12	14	S	1	1	7	7	8	NA	NA	NA	NA	NA	NA	<0.01	0.10	0.68	0.78	0.70	0.76	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	19/9/2017	Mid-Flood	Fine	Moderate	16:12	14	S	1	2	7			NA			NA			<0.01	0.10	0.68	0.78			NA			NA			NA		
G2	19/9/2017	Mid-Flood	Fine	Moderate	16:12	14	S	1	3										0.05	0.06	0.42	0.53											
G2	19/9/2017	Mid-Flood	Fine	Moderate	16:12	14	M	7	1	8	9		NA	NA		NA	NA		0.02	0.10	0.68	0.80	0.79		NA	NA		NA	NA		NA	NA	
G2	19/9/2017	Mid-Flood	Fine	Moderate	16:12	14	M	7	2	9			NA			NA			0.02	0.10	0.66	0.78			NA			NA			NA		
G2	19/9/2017	Mid-Flood	Fine	Moderate	16:12	14	M	7	3										0.02	0.10	0.66	0.78											
G2	19/9/2017	Mid-Flood	Fine	Moderate	16:12	14	B	13	1	9	8		NA	NA		NA	NA		0.02	0.10	0.66	0.78	0.80		NA	NA		NA	NA		NA	NA	
G2	19/9/2017	Mid-Flood	Fine	Moderate	16:12	14	B	13	2	7			NA			NA			0.03	0.10	0.67	0.80			NA			NA			NA		
G2	19/9/2017	Mid-Flood	Fine	Moderate	16:12	14	B	13	3										0.04	0.10	0.68	0.82											
SR2	19/9/2017	Mid-Flood	Fine	Moderate	15:50	11	S	1	1	10	10	9	0.03	0.03	0.02	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	19/9/2017	Mid-Flood	Fine	Moderate	15:50	11	S	1	2	10			0.02			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	19/9/2017	Mid-Flood	Fine	Moderate	15:50	11	S	1	3										NA	NA	NA	NA											
SR2	19/9/2017	Mid-Flood	Fine	Moderate	15:50	11	M	5	1	8	8		0.01	0.02		0.000	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	19/9/2017	Mid-Flood	Fine	Moderate	15:50	11	M	5	2	8			0.02			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	19/9/2017	Mid-Flood	Fine	Moderate	15:50	11	M	5	3										NA	NA	NA	NA											
SR2	19/9/2017	Mid-Flood	Fine	Moderate	15:50	11	B	10	1	8	9		<0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	19/9/2017	Mid-Flood	Fine	Moderate	15:50	11	B	10	2	9			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR2	19/9/2017	Mid-Flood	Fine	Moderate	15:50	11	B	10	3										NA	NA	NA	NA											
SR3	19/9/2017	Mid-Flood	Fine	Moderate	16:02	12	S	1	1	7	7	7	<0.01	0.01	0.01	0.000	0.000	0.000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	19/9/2017	Mid-Flood	Fine	Moderate	16:02	12	S	1	2	7			0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR3	19/9/2017	Mid-Flood	Fine	Moderate	16:02	12	S	1	3										NA	NA	NA	NA											
SR3	19/9/2017	Mid-Flood	Fine	Moderate	16:02	12	M	6	1	7	6		0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	19/9/2017	Mid-Flood	Fine	Moderate	16:02	12	M	6	2	5			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR3	19/9/2017	Mid-Flood	Fine	Moderate	16:02	12	M	6	3										NA	NA	NA	NA											
SR3	19/9/2017	Mid-Flood	Fine	Moderate	16:02	12	B	11	1	7	8		0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	19/9/2017	Mid-Flood	Fine	Moderate	16:02	12	B	11	2	8			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR3	19/9/2017	Mid-Flood	Fine	Moderate	16:02	12	B	11	3										NA	NA	NA	NA											

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																								
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
SR4	19/9/2017	Mid-Flood	Fine	Moderate	16:34	4	S	1	1	6	7	7	0.02	0.02	0.02	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA	21	23	33	NA	NA	NA	<1	1	1
SR4	19/9/2017	Mid-Flood	Fine	Moderate	16:34	4	S	1	2	7			0.02			0.001			NA	NA	NA	NA			26			NA			1		
SR4	19/9/2017	Mid-Flood	Fine	Moderate	16:34	4	S	1	3										NA	NA	NA	NA											
SR4	19/9/2017	Mid-Flood	Fine	Moderate	16:34	4	M		1		NA								NA	NA	NA	NA						NA					
SR4	19/9/2017	Mid-Flood	Fine	Moderate	16:34	4	M		2					NA			NA		NA	NA	NA	NA	NA	NA		NA		NA	NA	NA		NA	
SR4	19/9/2017	Mid-Flood	Fine	Moderate	16:34	4	M		3										NA	NA	NA	NA											
SR4	19/9/2017	Mid-Flood	Fine	Moderate	16:34	4	B	3	1	7	7		0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA		43	47		NA	NA		1	1	
SR4	19/9/2017	Mid-Flood	Fine	Moderate	16:34	4	B	3	2	6			<0.01			0.000			NA	NA	NA	NA			51			NA			<1		
SR4	19/9/2017	Mid-Flood	Fine	Moderate	16:34	4	B	3	3										NA	NA	NA	NA											
SR5	19/9/2017	Mid-Flood	Fine	Moderate	15:29	15	S	1	1	6	6	6	NA	NA	NA	NA	NA	NA	0.01	0.10	0.67	0.78	0.79	0.79	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	19/9/2017	Mid-Flood	Fine	Moderate	15:29	15	S	1	2	6			NA			NA			0.01	0.10	0.69	0.80			NA			NA			NA		
SR5	19/9/2017	Mid-Flood	Fine	Moderate	15:29	15	S	1	3										<0.01	0.10	0.68	0.78											
SR5	19/9/2017	Mid-Flood	Fine	Moderate	15:29	15	M	7	1	7	7		NA	NA		NA	NA		<0.01	0.10	0.69	0.79	0.81	0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	19/9/2017	Mid-Flood	Fine	Moderate	15:29	15	M	7	2	6			NA			NA			<0.01	0.10	0.68	0.78			NA			NA			NA		
SR5	19/9/2017	Mid-Flood	Fine	Moderate	15:29	15	M	7	3										0.03	0.09	0.73	0.85											
SR5	19/9/2017	Mid-Flood	Fine	Moderate	15:29	15	B	14	1	7	7		NA	NA		NA	NA		0.01	0.10	0.69	0.80	0.79		NA	NA		NA	NA		NA	NA	
SR5	19/9/2017	Mid-Flood	Fine	Moderate	15:29	15	B	14	2	6			NA			NA			<0.01	0.10	0.69	0.79			NA			NA			NA		
SR5	19/9/2017	Mid-Flood	Fine	Moderate	15:29	15	B	14	3										<0.01	0.10	0.69	0.79											
SR12	19/9/2017	Mid-Flood	Fine	Moderate	16:56	7	S	1	1	6	7	6	<0.01	0.01	0.01	0.000	0.000	0.000	NA	NA	NA	NA	NA	NA	21	20	12	NA	NA	NA	1	2	1
SR12	19/9/2017	Mid-Flood	Fine	Moderate	16:56	7	S	1	2	7			<0.01			0.000			NA	NA	NA	NA			19			NA			2		
SR12	19/9/2017	Mid-Flood	Fine	Moderate	16:56	7	S	1	3										NA	NA	NA	NA											
SR12	19/9/2017	Mid-Flood	Fine	Moderate	16:56	7	M	3	1	5	6		<0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA		8	7		NA	NA		1	<1	
SR12	19/9/2017	Mid-Flood	Fine	Moderate	16:56	7	M	3	2	7			<0.01			0.000			NA	NA	NA	NA			7			NA			<1		
SR12	19/9/2017	Mid-Flood	Fine	Moderate	16:56	7	M	3	3										NA	NA	NA	NA											
SR12	19/9/2017	Mid-Flood	Fine	Moderate	16:56	7	B	6	1	6	6		<0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA		12	11		NA	NA		<1	1	
SR12	19/9/2017	Mid-Flood	Fine	Moderate	16:56	7	B	6	2	6			<0.01			0.000			NA	NA	NA	NA			10			NA			<1		
SR12	19/9/2017	Mid-Flood	Fine	Moderate	16:56	7	B	6	3										NA	NA	NA	NA											
SR13	19/9/2017	Mid-Flood	Fine	Moderate	17:18	13	S	1	1	10	10	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	19/9/2017	Mid-Flood	Fine	Moderate	17:18	13	S	1	2	10			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	19/9/2017	Mid-Flood	Fine	Moderate	17:18	13	S	1	3										NA	NA	NA	NA											
SR13	19/9/2017	Mid-Flood	Fine	Moderate	17:18	13	M	6	1	11	10		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	19/9/2017	Mid-Flood	Fine	Moderate	17:18	13	M	6	2	9			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	19/9/2017	Mid-Flood	Fine	Moderate	17:18	13	M	6	3										NA	NA	NA	NA											
SR13	19/9/2017	Mid-Flood	Fine	Moderate	17:18	13	B	12	1	10	10		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	19/9/2017	Mid-Flood	Fine	Moderate	17:18	13	B	12	2	10			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	19/9/2017	Mid-Flood	Fine	Moderate	17:18	13	B	12	3										NA	NA	NA	NA											

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
C1A	19/9/2017	Mid-Ebb	Fine	Moderate	14:30	35	S	1	1	7.76	7.75	22.57	22.57	29.98	29.97	89.9	89.4	6.01	5.99	5.59	9.0	9.2	14.5	0.01	0.01	0.02	0.000	0.000	0.001	0.01	0.12	0.79	0.92	0.92	0.74
C1A	19/9/2017	Mid-Ebb	Fine	Moderate	14:30	35	S	1	2	7.74		22.57		29.96		88.9		5.97			9.4			0.01			0.000			0.01	0.12	0.79	0.92		
C1A	19/9/2017	Mid-Ebb	Fine	Moderate	14:30	35	S	1	3																					0.01	0.12	0.79	0.92		
C1A	19/9/2017	Mid-Ebb	Fine	Moderate	14:30	35	M	17	1	7.83	7.84	25.65	25.70	29.08	28.91	75.1	75.2	5.23	5.19		13.6	13.6		0.01	0.01		0.000	0.000		0.01	0.10	0.67	0.78	0.77	
C1A	19/9/2017	Mid-Ebb	Fine	Moderate	14:30	35	M	17	2	7.85		25.74		28.74		75.2		5.14			13.5			0.01			0.000			0.01	0.09	0.64	0.74		
C1A	19/9/2017	Mid-Ebb	Fine	Moderate	14:30	35	M	17	3																					0.01	0.10	0.67	0.78		
C1A	19/9/2017	Mid-Ebb	Fine	Moderate	14:30	35	B	34	1	7.90	7.92	28.15	28.14	29.02	29.12	62.1	62.5	4.40	4.42		20.6	20.9		0.05	0.05		0.002	0.002		0.05	0.07	0.40	0.52	0.53	
C1A	19/9/2017	Mid-Ebb	Fine	Moderate	14:30	35	B	34	2	7.94		28.13		29.21		62.8		4.43			21.1			0.05			0.002			0.05	0.06	0.42	0.53		
C1A	19/9/2017	Mid-Ebb	Fine	Moderate	14:30	35	B	34	3																					0.05	0.06	0.42	0.53		
C2A	19/9/2017	Mid-Ebb	Fine	Moderate	11:25	14	S	1	1	7.88	7.88	28.68	28.71	28.56	28.57	77.4	77.6	5.14	5.13	5.14	7.8	7.9	8.4	0.60	0.61	0.78	0.026	0.026	0.035	0.60	0.06	0.10	0.76	0.76	1.37
C2A	19/9/2017	Mid-Ebb	Fine	Moderate	11:25	14	S	1	2	7.88		28.73		28.57		77.7		5.11			7.9			0.61			0.026			0.61	0.06	0.10	0.77		
C2A	19/9/2017	Mid-Ebb	Fine	Moderate	11:25	14	S	1	3																					0.60	0.05	0.10	0.75		
C2A	19/9/2017	Mid-Ebb	Fine	Moderate	11:25	14	M	6	1	7.89	7.89	28.74	28.78	28.54	28.55	78.2	78.0	5.17	5.15		7.9	7.9		0.90	0.91		0.040	0.040		0.90	0.07	0.96	1.93	1.94	
C2A	19/9/2017	Mid-Ebb	Fine	Moderate	11:25	14	M	6	2	7.89		28.81		28.55		77.8		5.12			7.9			0.92			0.041			0.92	0.07	0.96	1.95		
C2A	19/9/2017	Mid-Ebb	Fine	Moderate	11:25	14	M	6	3																					0.90	0.07	0.97	1.94		
C2A	19/9/2017	Mid-Ebb	Fine	Moderate	11:25	14	B	13	1	7.91	7.92	29.32	29.28	28.37	28.37	76.3	76.4	5.05	5.05		9.4	9.5		0.82	0.84		0.038	0.038		0.82	0.07	0.51	1.40	1.40	
C2A	19/9/2017	Mid-Ebb	Fine	Moderate	11:25	14	B	13	2	7.92		29.24		28.37		76.5		5.04			9.6			0.85			0.039			0.85	0.07	0.52	1.44		
C2A	19/9/2017	Mid-Ebb	Fine	Moderate	11:25	14	B	13	3																					0.81	0.06	0.50	1.37		
G2	19/9/2017	Mid-Ebb	Fine	Moderate	13:25	14	S	1	1	7.93	7.94	25.06	25.06	29.26	29.27	90.9	91.2	6.22	6.21	6.12	10.1	10.3	11.6	NA	NA	NA	NA	NA	NA	0.01	0.10	0.66	0.76	0.76	0.73
G2	19/9/2017	Mid-Ebb	Fine	Moderate	13:25	14	S	1	2	7.95		25.06		29.28		91.5		6.20			10.5			NA			NA			0.01	0.10	0.66	0.76		
G2	19/9/2017	Mid-Ebb	Fine	Moderate	13:25	14	S	1	3																					0.01	0.10	0.65	0.75		
G2	19/9/2017	Mid-Ebb	Fine	Moderate	13:25	14	M	7	1	7.90	7.90	25.31	25.31	29.28	29.25	89.2	89.8	6.03	6.02		10.9	11.2		NA	NA		NA	NA		0.01	0.09	0.65	0.74	0.73	
G2	19/9/2017	Mid-Ebb	Fine	Moderate	13:25	14	M	7	2	7.90		25.30		29.21		90.4		6.01			11.5			NA			NA			0.01	0.09	0.64	0.73		
G2	19/9/2017	Mid-Ebb	Fine	Moderate	13:25	14	M	7	3																					0.01	0.09	0.64	0.73		
G2	19/9/2017	Mid-Ebb	Fine	Moderate	13:25	14	B	13	1	7.90	7.90	25.99	25.99	29.18	29.20	88.2	88.2	5.94	5.97		13.4	13.3		NA	NA		NA	NA		0.01	0.09	0.62	0.71	0.71	
G2	19/9/2017	Mid-Ebb	Fine	Moderate	13:25	14	B	13	2	7.90		25.99		29.22		88.1		6.00			13.2			NA			NA			0.01	0.09	0.61	0.71		
G2	19/9/2017	Mid-Ebb	Fine	Moderate	13:25	14	B	13	3																					0.01	0.09	0.63	0.72		
SR2	19/9/2017	Mid-Ebb	Fine	Moderate	13:47	11	S	1	1	7.75	7.78	26.23	26.02	29.00	29.03	86.7	87.6	5.76	5.83	5.77	8.6	8.4	10.1	0.01	0.01	0.02	0.000	0.000	0.001	NA	NA	NA	NA	NA	NA
SR2	19/9/2017	Mid-Ebb	Fine	Moderate	13:47	11	S	1	2	7.81		25.81		29.06		88.5		5.89			8.2			0.01			0.000			NA	NA	NA	NA		
SR2	19/9/2017	Mid-Ebb	Fine	Moderate	13:47	11	S	1	3																					NA	NA	NA	NA		
SR2	19/9/2017	Mid-Ebb	Fine	Moderate	13:47	11	M	5	1	7.87	7.87	26.36	25.92	28.93	28.99	84.8	85.2	5.64	5.72		11.1	11.4		0.01	0.02		0.000	0.001		NA	NA	NA	NA	NA	NA
SR2	19/9/2017	Mid-Ebb	Fine	Moderate	13:47	11	M	5	2	7.87		25.92		29.04		85.6		5.80			11.6			0.02			0.001			NA	NA	NA	NA		
SR2	19/9/2017	Mid-Ebb	Fine	Moderate	13:47	11	M	5	3																					NA	NA	NA	NA		
SR2	19/9/2017	Mid-Ebb	Fine	Moderate	13:47	11	B	10	1	7.89	7.90	26.34	26.14	28.89	28.96	87.9	87.8	5.65	5.71		10.5	10.5		0.02	0.02		0.001	0.001		NA	NA	NA	NA	NA	
SR2	19/9/2017	Mid-Ebb	Fine	Moderate	13:47	11	B	10	2	7.90		25.94		29.03		87.7		5.77			10.5			0.02			0.001			NA	NA	NA	NA		
SR2	19/9/2017	Mid-Ebb	Fine	Moderate	13:47	11	B	10	3																					NA	NA	NA	NA		
SR3	19/9/2017	Mid-Ebb	Fine	Moderate	13:10	12	S	1	1	7.73	7.74	26.02	25.95	29.02	29.03	89.1	89.2	5.86	5.87	5.60	10.6	10.5	10.5	0.50	0.51	0.55	0.016	0.017	0.022	NA	NA	NA	NA	NA	NA
SR3	19/9/2017	Mid-Ebb	Fine	Moderate	13:10	12	S	1	2	7.74		25.87		29.03		89.2		5.87			10.3			0.51			0.017			NA	NA	NA	NA		
SR3	19/9/2017	Mid-Ebb	Fine	Moderate	13:10	12	S	1	3																					NA	NA	NA	NA		
SR3	19/9/2017	Mid-Ebb	Fine	Moderate	13:10	12	M	6	1	7.85	7.85	26.57	26.55	28.56	28.55	82.5	83.5	5.33	5.33		10.2	10.5		0.61	0.62		0.025	0.025		NA	NA	NA	NA	NA	NA
SR3	19/9/2017	Mid-Ebb	Fine	Moderate	13:10	12	M	6	2	7.85		26.52		28.53		84.4		5.32			10.8			0.63			0.026			NA	NA	NA	NA		
SR3	19/9/2017	Mid-Ebb	Fine	Moderate	13:10	12	M	6	3																					NA	NA	NA	NA		
SR3	19/9/2017	Mid-Ebb	Fine	Moderate	13:10	12	B	11	1	7.86	7.86	26.56	26.55	28.87	28.87	83.7	83.7	5.58	5.58		10.6	10.6		0.55	0.52		0.024	0.022		NA	NA	NA	NA	NA	
SR3	19/9/2017	Mid-Ebb	Fine	Moderate	13:10	12	B	11	2	7.86		26.55		28.87		83.7		5.58			10.5			0.52			0.022			NA	NA	NA	NA		
SR3	19/9/2017	Mid-Ebb	Fine	Moderate	13:10	12	B	11	3																					NA	NA	NA	NA		

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																									
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR4	19/9/2017	Mid-Ebb	Fine	Moderate	12:45	4	S	1	1	7.83	7.84	27.87	27.87	28.57	28.57	71.1	70.4	4.72	4.67	4.67	10.8	11.0	11.5	0.36	0.36	0.36	0.014	0.014	0.014	NA	NA	NA	NA	NA	NA
SR4	19/9/2017	Mid-Ebb	Fine	Moderate	12:45	4	S	1	2	7.84		27.87		28.56		69.6		4.61			11.1			0.36			0.014			NA	NA	NA	NA		
SR4	19/9/2017	Mid-Ebb	Fine	Moderate	12:45	4	S	1	3																					NA	NA	NA	NA		
SR4	19/9/2017	Mid-Ebb	Fine	Moderate	12:45	4	M		1																					NA	NA	NA	NA		
SR4	19/9/2017	Mid-Ebb	Fine	Moderate	12:45	4	M		2		NA		NA		NA		NA		NA			NA			NA			NA		NA	NA	NA	NA	NA
SR4	19/9/2017	Mid-Ebb	Fine	Moderate	12:45	4	M		3																					NA	NA	NA	NA		
SR4	19/9/2017	Mid-Ebb	Fine	Moderate	12:45	4	B	3	1	7.83	7.83	28.01	27.96	28.56	28.56	67.1	66.9	4.46	4.44		12.5	12.1		0.36	0.36		0.014	0.014		NA	NA	NA	NA		
SR4	19/9/2017	Mid-Ebb	Fine	Moderate	12:45	4	B	3	2	7.83		27.91		28.55		66.7		4.42			11.6			0.36			0.014			NA	NA	NA	NA	NA	
SR4	19/9/2017	Mid-Ebb	Fine	Moderate	12:45	4	B	3	3																					NA	NA	NA	NA		
SR5	19/9/2017	Mid-Ebb	Fine	Moderate	14:05	15	S	1	1	7.73	7.74	24.06	24.02	29.50	29.52	89.4	89.8	5.97	5.99	5.97	8.4	8.6	9.4	NA	NA	NA	NA	NA	NA	0.01	0.10	0.69	0.80	0.81	0.81
SR5	19/9/2017	Mid-Ebb	Fine	Moderate	14:05	15	S	1	2	7.75		23.98		29.54		90.1		6.01			8.7			NA			NA			0.01	0.10	0.71	0.82		
SR5	19/9/2017	Mid-Ebb	Fine	Moderate	14:05	15	S	1	3																					0.01	0.10	0.71	0.82		
SR5	19/9/2017	Mid-Ebb	Fine	Moderate	14:05	15	M	7	1	7.89	7.89	24.13	24.11	29.41	29.43	89.2	89.6	5.90	5.95		9.9	9.9		NA	NA	NA	NA	NA	NA	0.01	0.10	0.70	0.81	0.81	
SR5	19/9/2017	Mid-Ebb	Fine	Moderate	14:05	15	M	7	2	7.89		24.09		29.45		89.9		6.00			9.8			NA			NA			0.01	0.10	0.71	0.82		
SR5	19/9/2017	Mid-Ebb	Fine	Moderate	14:05	15	M	7	3																					0.01	0.10	0.70	0.81		
SR5	19/9/2017	Mid-Ebb	Fine	Moderate	14:05	15	B	14	1	7.89	7.89	24.15	24.14	29.40	29.41	85.2	85.4	5.90	5.91		9.3	9.7		NA	NA		NA	NA		0.01	0.10	0.70	0.81	0.80	
SR5	19/9/2017	Mid-Ebb	Fine	Moderate	14:05	15	B	14	2	7.89		24.12		29.42		85.6		5.92			10.0			NA			NA			0.01	0.10	0.70	0.81		
SR5	19/9/2017	Mid-Ebb	Fine	Moderate	14:05	15	B	14	3																					0.01	0.10	0.68	0.79		
SR12	19/9/2017	Mid-Ebb	Fine	Moderate	12:10	7	S	1	1	7.74	7.79	28.00	28.12	28.53	28.49	72.3	71.9	4.80	4.77	4.68	13.2	14.7	18.5	0.10	0.10	0.09	0.004	0.004	0.003	NA	NA	NA	NA	NA	NA
SR12	19/9/2017	Mid-Ebb	Fine	Moderate	12:10	7	S	1	2	7.84		28.23		28.45		71.4		4.73			16.2			0.10			0.004			NA	NA	NA	NA		
SR12	19/9/2017	Mid-Ebb	Fine	Moderate	12:10	7	S	1	3																					NA	NA	NA	NA		
SR12	19/9/2017	Mid-Ebb	Fine	Moderate	12:10	7	M	3	1	7.92	7.92	28.20	28.20	28.42	28.42	69.8	69.1	4.66	4.60		18.2	18.2		0.08	0.08		0.004	0.004		NA	NA	NA	NA	NA	NA
SR12	19/9/2017	Mid-Ebb	Fine	Moderate	12:10	7	M	3	2	7.92		28.20		28.42		68.4		4.54			18.1			0.08			0.004			NA	NA	NA	NA		
SR12	19/9/2017	Mid-Ebb	Fine	Moderate	12:10	7	M	3	3																					NA	NA	NA	NA		
SR12	19/9/2017	Mid-Ebb	Fine	Moderate	12:10	7	B	6	1	7.87	7.87	28.30	28.31	28.41	28.42	70.3	70.5	4.67	4.65		22.7	22.6		0.07	0.08		0.003	0.003		NA	NA	NA	NA	NA	
SR12	19/9/2017	Mid-Ebb	Fine	Moderate	12:10	7	B	6	2	7.87		28.31		28.42		70.6		4.63			22.5			0.08			0.003			NA	NA	NA	NA		
SR12	19/9/2017	Mid-Ebb	Fine	Moderate	12:10	7	B	6	3																					NA	NA	NA	NA		
SR13	19/9/2017	Mid-Ebb	Fine	Moderate	11:49	13	S	1	1	7.77	7.80	28.75	28.74	28.49	28.45	71.0	70.8	4.69	4.67	4.63	7.8	8.4	9.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	19/9/2017	Mid-Ebb	Fine	Moderate	11:49	13	S	1	2	7.82		28.73		28.41		70.5		4.65			9.0			NA			NA			NA	NA	NA	NA		
SR13	19/9/2017	Mid-Ebb	Fine	Moderate	11:49	13	S	1	3																					NA	NA	NA	NA		
SR13	19/9/2017	Mid-Ebb	Fine	Moderate	11:49	13	M	6	1	7.83	7.83	28.77	28.76	28.42	28.21	69.4	69.2	4.60	4.58		9.1	9.5		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	19/9/2017	Mid-Ebb	Fine	Moderate	11:49	13	M	6	2	7.83		28.74		28.00		68.9		4.56			9.8			NA			NA			NA	NA	NA	NA		
SR13	19/9/2017	Mid-Ebb	Fine	Moderate	11:49	13	M	6	3																					NA	NA	NA	NA		
SR13	19/9/2017	Mid-Ebb	Fine	Moderate	11:49	13	B	12	1	7.83	7.82	28.80	28.85	28.39	28.36	68.2	68.2	4.51	4.51		10.9	10.4		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	19/9/2017	Mid-Ebb	Fine	Moderate	11:49	13	B	12	2	7.81		28.90		28.32		68.1		4.50			9.9			NA			NA			NA	NA	NA	NA		
SR13	19/9/2017	Mid-Ebb	Fine	Moderate	11:49	13	B	12	3																					NA	NA	NA	NA		

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
C1A	19/9/2017	Mid-Ebb	Fine	Moderate	14:30	35	S	1	1	5	6	12	<0.01	0.01	0.03	0.000	0.000	0.001	<0.01	0.12	0.79	0.91	0.91	0.74	15	17	17	NA	NA	NA	<1	1	1
C1A	19/9/2017	Mid-Ebb	Fine	Moderate	14:30	35	S	1	2	6			<0.01			0.000			<0.01	0.12	0.79	0.91			19			NA			<1		
C1A	19/9/2017	Mid-Ebb	Fine	Moderate	14:30	35	S	1	3										<0.01	0.12	0.79	0.91											
C1A	19/9/2017	Mid-Ebb	Fine	Moderate	14:30	35	M	17	1	12	12		0.02	0.03		0.001	0.001		0.02	0.10	0.67	0.79	0.78		23	19		NA	NA		<1	1	
C1A	19/9/2017	Mid-Ebb	Fine	Moderate	14:30	35	M	17	2	12			0.03			0.001			0.03	0.09	0.64	0.76			16			NA			<1		
C1A	19/9/2017	Mid-Ebb	Fine	Moderate	14:30	35	M	17	3										0.01	0.10	0.67	0.78											
C1A	19/9/2017	Mid-Ebb	Fine	Moderate	14:30	35	B	34	1	18	19		0.05	0.06		0.002	0.003		0.05	0.07	0.40	0.52	0.53		15	16		NA	NA		<1	1	
C1A	19/9/2017	Mid-Ebb	Fine	Moderate	14:30	35	B	34	2	20			0.07			0.003			0.07	0.06	0.42	0.55			18			NA			<1		
C1A	19/9/2017	Mid-Ebb	Fine	Moderate	14:30	35	B	34	3										0.05	0.06	0.42	0.53											
C2A	19/9/2017	Mid-Ebb	Fine	Moderate	11:25	14	S	1	1	5	5	5	0.16	0.16	0.17	0.007	0.007	0.007	0.16	0.06	0.38	0.60	0.59	0.61	78	85	45	NA	NA	NA	<1	1	1
C2A	19/9/2017	Mid-Ebb	Fine	Moderate	11:25	14	S	1	2	4			0.16			0.007			0.16	0.06	0.37	0.59			92			NA			<1		
C2A	19/9/2017	Mid-Ebb	Fine	Moderate	11:25	14	S	1	3										0.14	0.06	0.38	0.58											
C2A	19/9/2017	Mid-Ebb	Fine	Moderate	11:25	14	M	6	1	5	5		0.18	0.18		0.008	0.008		0.18	0.06	0.45	0.69	0.67		65	63		NA	NA		<1	1	
C2A	19/9/2017	Mid-Ebb	Fine	Moderate	11:25	14	M	6	2	5			0.18			0.008			0.18	0.05	0.40	0.63			61			NA			<1		
C2A	19/9/2017	Mid-Ebb	Fine	Moderate	11:25	14	M	6	3										0.18	0.06	0.46	0.70											
C2A	19/9/2017	Mid-Ebb	Fine	Moderate	11:25	14	B	13	1	6	5		0.15	0.16		0.007	0.007		0.15	0.05	0.35	0.55	0.58		15	17		NA	NA		<1	1	
C2A	19/9/2017	Mid-Ebb	Fine	Moderate	11:25	14	B	13	2	4			0.16			0.007			0.16	0.06	0.38	0.60			19			NA			<1		
C2A	19/9/2017	Mid-Ebb	Fine	Moderate	11:25	14	B	13	3										0.15	0.05	0.39	0.59											
G2	19/9/2017	Mid-Ebb	Fine	Moderate	13:25	14	S	1	1	8	8	9	NA	NA	NA	NA	NA	NA	<0.01	0.10	0.66	0.76	0.76	0.73	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	19/9/2017	Mid-Ebb	Fine	Moderate	13:25	14	S	1	2	8			NA			NA			<0.01	0.10	0.66	0.76			NA			NA			NA		
G2	19/9/2017	Mid-Ebb	Fine	Moderate	13:25	14	S	1	3										<0.01	0.10	0.65	0.75											
G2	19/9/2017	Mid-Ebb	Fine	Moderate	13:25	14	M	7	1	9	9		NA	NA		NA	NA		<0.01	0.09	0.65	0.74	0.73		NA	NA		NA	NA		NA	NA	
G2	19/9/2017	Mid-Ebb	Fine	Moderate	13:25	14	M	7	2	9			NA			NA			<0.01	0.09	0.64	0.73			NA			NA			NA		
G2	19/9/2017	Mid-Ebb	Fine	Moderate	13:25	14	M	7	3										<0.01	0.09	0.64	0.73											
G2	19/9/2017	Mid-Ebb	Fine	Moderate	13:25	14	B	13	1	9	9		NA	NA		NA	NA		<0.01	0.09	0.62	0.71	0.71		NA	NA		NA	NA		NA	NA	
G2	19/9/2017	Mid-Ebb	Fine	Moderate	13:25	14	B	13	2	9			NA			NA			0.01	0.09	0.61	0.71			NA			NA			NA		
G2	19/9/2017	Mid-Ebb	Fine	Moderate	13:25	14	B	13	3										<0.01	0.09	0.63	0.72											
SR2	19/9/2017	Mid-Ebb	Fine	Moderate	13:47	11	S	1	1	11	11	12	0.02	0.02	0.02	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	19/9/2017	Mid-Ebb	Fine	Moderate	13:47	11	S	1	2	10			0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR2	19/9/2017	Mid-Ebb	Fine	Moderate	13:47	11	S	1	3										NA	NA	NA	NA											
SR2	19/9/2017	Mid-Ebb	Fine	Moderate	13:47	11	M	5	1	13	12		<0.01	0.02		0.000	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	19/9/2017	Mid-Ebb	Fine	Moderate	13:47	11	M	5	2	11			0.02			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	19/9/2017	Mid-Ebb	Fine	Moderate	13:47	11	M	5	3										NA	NA	NA	NA											
SR2	19/9/2017	Mid-Ebb	Fine	Moderate	13:47	11	B	10	1	11	12		0.02	0.02		0.001	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	19/9/2017	Mid-Ebb	Fine	Moderate	13:47	11	B	10	2	13			0.02			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	19/9/2017	Mid-Ebb	Fine	Moderate	13:47	11	B	10	3										NA	NA	NA	NA											
SR3	19/9/2017	Mid-Ebb	Fine	Moderate	13:10	12	S	1	1	7	7	7	<0.01	0.01	0.01	0.000	0.000	0.000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	19/9/2017	Mid-Ebb	Fine	Moderate	13:10	12	S	1	2	6			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR3	19/9/2017	Mid-Ebb	Fine	Moderate	13:10	12	S	1	3										NA	NA	NA	NA											
SR3	19/9/2017	Mid-Ebb	Fine	Moderate	13:10	12	M	6	1	7	7		<0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	19/9/2017	Mid-Ebb	Fine	Moderate	13:10	12	M	6	2	7			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR3	19/9/2017	Mid-Ebb	Fine	Moderate	13:10	12	M	6	3										NA	NA	NA	NA											
SR3	19/9/2017	Mid-Ebb	Fine	Moderate	13:10	12	B	11	1	8	8		0.01	0.01		0.000	0.000		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	19/9/2017	Mid-Ebb	Fine	Moderate	13:10	12	B	11	2	7			<0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR3	19/9/2017	Mid-Ebb	Fine	Moderate	13:10	12	B	11	3										NA	NA	NA	NA											

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
SR4	19/9/2017	Mid-Ebb	Fine	Moderate	12:45	4	S	1	1	9	9	9	0.05	0.06	0.06	0.002	0.002	0.002	NA	NA	NA	NA	NA	NA	31	29	19	NA	NA	NA	<1	1	1
SR4	19/9/2017	Mid-Ebb	Fine	Moderate	12:45	4	S	1	2	8			0.06			0.002			NA	NA	NA	NA			28			NA			<1		
SR4	19/9/2017	Mid-Ebb	Fine	Moderate	12:45	4	S	1	3										NA	NA	NA	NA											
SR4	19/9/2017	Mid-Ebb	Fine	Moderate	12:45	4	M		1		NA			NA			NA		NA	NA	NA	NA	NA			NA		NA	NA				
SR4	19/9/2017	Mid-Ebb	Fine	Moderate	12:45	4	M		2										NA	NA	NA	NA											
SR4	19/9/2017	Mid-Ebb	Fine	Moderate	12:45	4	M		3										NA	NA	NA	NA											
SR4	19/9/2017	Mid-Ebb	Fine	Moderate	12:45	4	B	3	1	10	10		0.06	0.06		0.002	0.002		NA	NA	NA	NA	NA		15	13		NA	NA		<1	1	
SR4	19/9/2017	Mid-Ebb	Fine	Moderate	12:45	4	B	3	2	10			0.06			0.002			NA	NA	NA	NA			11			NA			<1		
SR4	19/9/2017	Mid-Ebb	Fine	Moderate	12:45	4	B	3	3										NA	NA	NA	NA											
SR5	19/9/2017	Mid-Ebb	Fine	Moderate	14:05	15	S	1	1	6	7	8	NA	NA	NA	NA	NA	NA	<0.01	0.10	0.69	0.79	0.80	0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	19/9/2017	Mid-Ebb	Fine	Moderate	14:05	15	S	1	2	8			NA			NA			<0.01	0.10	0.71	0.81			NA			NA			NA		
SR5	19/9/2017	Mid-Ebb	Fine	Moderate	14:05	15	S	1	3										<0.01	0.10	0.71	0.81											
SR5	19/9/2017	Mid-Ebb	Fine	Moderate	14:05	15	M	7	1	9	8		NA	NA	NA	NA	NA	NA	<0.01	0.10	0.70	0.80	0.80		NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	19/9/2017	Mid-Ebb	Fine	Moderate	14:05	15	M	7	2	7			NA			NA			<0.01	0.10	0.71	0.81			NA			NA			NA		
SR5	19/9/2017	Mid-Ebb	Fine	Moderate	14:05	15	M	7	3										<0.01	0.10	0.70	0.80											
SR5	19/9/2017	Mid-Ebb	Fine	Moderate	14:05	15	B	14	1	9	9		NA	NA		NA	NA		<0.01	0.10	0.70	0.80	0.79		NA	NA		NA	NA		NA	NA	
SR5	19/9/2017	Mid-Ebb	Fine	Moderate	14:05	15	B	14	2	8			NA			NA			<0.01	0.10	0.70	0.80			NA			NA			NA		
SR5	19/9/2017	Mid-Ebb	Fine	Moderate	14:05	15	B	14	3										<0.01	0.10	0.68	0.78											
SR12	19/9/2017	Mid-Ebb	Fine	Moderate	12:10	7	S	1	1	9	10	14	0.08	0.11	0.09	0.003	0.004	0.004	NA	NA	NA	NA	NA	NA	5	6	104	NA	NA	NA	<1	1	1
SR12	19/9/2017	Mid-Ebb	Fine	Moderate	12:10	7	S	1	2	10			0.14			0.005			NA	NA	NA	NA			8			NA			<1		
SR12	19/9/2017	Mid-Ebb	Fine	Moderate	12:10	7	S	1	3										NA	NA	NA	NA											
SR12	19/9/2017	Mid-Ebb	Fine	Moderate	12:10	7	M	3	1	14	14		0.08	0.08		0.004	0.004		NA	NA	NA	NA	NA		780	809		NA	NA		<1	1	
SR12	19/9/2017	Mid-Ebb	Fine	Moderate	12:10	7	M	3	2	13			0.08			0.004			NA	NA	NA	NA			840			NA			<1		
SR12	19/9/2017	Mid-Ebb	Fine	Moderate	12:10	7	M	3	3										NA	NA	NA	NA											
SR12	19/9/2017	Mid-Ebb	Fine	Moderate	12:10	7	B	6	1	19	20		0.07	0.08		0.003	0.003		NA	NA	NA	NA	NA		230	220		NA	NA		<1	1	
SR12	19/9/2017	Mid-Ebb	Fine	Moderate	12:10	7	B	6	2	20			0.08			0.003			NA	NA	NA	NA			210			NA			<1		
SR12	19/9/2017	Mid-Ebb	Fine	Moderate	12:10	7	B	6	3										NA	NA	NA	NA											
SR13	19/9/2017	Mid-Ebb	Fine	Moderate	11:49	13	S	1	1	7	7	8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	19/9/2017	Mid-Ebb	Fine	Moderate	11:49	13	S	1	2	7			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	19/9/2017	Mid-Ebb	Fine	Moderate	11:49	13	S	1	3										NA	NA	NA	NA											
SR13	19/9/2017	Mid-Ebb	Fine	Moderate	11:49	13	M	6	1	9	8		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	19/9/2017	Mid-Ebb	Fine	Moderate	11:49	13	M	6	2	7			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	19/9/2017	Mid-Ebb	Fine	Moderate	11:49	13	M	6	3										NA	NA	NA	NA											
SR13	19/9/2017	Mid-Ebb	Fine	Moderate	11:49	13	B	12	1	8	9		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	19/9/2017	Mid-Ebb	Fine	Moderate	11:49	13	B	12	2	10			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	19/9/2017	Mid-Ebb	Fine	Moderate	11:49	13	B	12	3										NA	NA	NA	NA											

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
C1A	21/9/2017	Mid-Flood	Fine	Moderate	9:26	28	S	1	1	7.58	7.58	25.99	25.99	29.08	29.08	75.8	75.8	5.04	5.03	4.91	10.8	10.8	11.5	0.10	0.10	0.10	0.002	0.002	0.003	0.10	0.09	0.58	0.77	0.78	0.79
C1A	21/9/2017	Mid-Flood	Fine	Moderate	9:26	28	S	1	2	7.58		25.98		29.08		75.7		5.02			10.7			0.10			0.002			0.10	0.09	0.59	0.78		
C1A	21/9/2017	Mid-Flood	Fine	Moderate	9:26	28	S	1	3																					0.10	0.09	0.60	0.79		
C1A	21/9/2017	Mid-Flood	Fine	Moderate	9:26	28	M	14	1	7.74	7.74	27.28	27.28	28.80	28.80	72.3	72.3	4.80	4.80		11.1	11.2		0.10	0.10		0.003	0.003		0.10	0.09	0.58	0.77		
C1A	21/9/2017	Mid-Flood	Fine	Moderate	9:26	28	M	14	2	7.74		27.28		28.80		72.2		4.79			11.2			0.10			0.003			0.10	0.09	0.59	0.78		
C1A	21/9/2017	Mid-Flood	Fine	Moderate	9:26	28	M	14	3																					0.10	0.09	0.59	0.78		
C1A	21/9/2017	Mid-Flood	Fine	Moderate	9:26	28	B	27	1	7.79	7.79	27.82	27.82	28.72	28.72	71.6	71.6	4.75	4.75		12.6	12.7		0.10	0.10		0.004	0.004		0.10	0.09	0.62	0.81	0.81	
C1A	21/9/2017	Mid-Flood	Fine	Moderate	9:26	28	B	27	2	7.79		27.82		28.72		71.6		4.75			12.7			0.10			0.004			0.10	0.09	0.62	0.81		
C1A	21/9/2017	Mid-Flood	Fine	Moderate	9:26	28	B	27	3																					0.10	0.08	0.64	0.82		
C2A	21/9/2017	Mid-Flood	Fine	Moderate	6:25	13	S	1	1	7.82	7.82	28.28	28.29	28.70	28.70	68.1	68.2	4.51	4.53	4.53	9.8	9.8	11.9	0.40	0.40	0.40	0.015	0.015	0.016	0.40	0.05	0.40	0.85	0.85	0.85
C2A	21/9/2017	Mid-Flood	Fine	Moderate	6:25	13	S	1	2	7.82		28.29		28.70		68.2		4.54			9.7			0.40			0.015			0.40	0.05	0.41	0.86		
C2A	21/9/2017	Mid-Flood	Fine	Moderate	6:25	13	S	1	3																					0.40	0.05	0.40	0.85		
C2A	21/9/2017	Mid-Flood	Fine	Moderate	6:25	13	M	6.5	1	7.88	7.88	28.92	28.92	28.73	28.73	68.9	68.9	4.53	4.53		11.1	11.2		0.40	0.40		0.017	0.017		0.40	0.05	0.40	0.85		
C2A	21/9/2017	Mid-Flood	Fine	Moderate	6:25	13	M	6.5	2	7.88		28.92		28.73		68.9		4.52			11.2			0.40			0.017			0.40	0.05	0.40	0.85		
C2A	21/9/2017	Mid-Flood	Fine	Moderate	6:25	13	M	6.5	3																					0.40	0.05	0.40	0.85		
C2A	21/9/2017	Mid-Flood	Fine	Moderate	6:25	13	B	12	1	7.85	7.85	29.29	29.29	28.75	28.75	68.2	68.3	4.48	4.49		14.6	14.7		0.40	0.40		0.016	0.016		0.40	0.05	0.40	0.85	0.85	
C2A	21/9/2017	Mid-Flood	Fine	Moderate	6:25	13	B	12	2	7.85		29.29		28.75		68.3		4.49			14.7			0.40			0.016			0.40	0.05	0.40	0.85		
C2A	21/9/2017	Mid-Flood	Fine	Moderate	6:25	13	B	12	3																					0.40	0.05	0.40	0.85		
G2	21/9/2017	Mid-Flood	Fine	Moderate	8:18	12	S	1	1	7.26	7.26	25.02	25.02	29.16	29.16	75.9	75.9	5.07	5.08	4.87	9.7	9.7	10.7	NA	NA	NA	NA	NA	NA	0.10	0.12	0.67	0.89	0.89	0.90
G2	21/9/2017	Mid-Flood	Fine	Moderate	8:18	12	S	1	2	7.26		25.02		29.16		75.8		5.08			9.6			NA			NA			0.10	0.11	0.67	0.88		
G2	21/9/2017	Mid-Flood	Fine	Moderate	8:18	12	S	1	3																					0.10	0.12	0.67	0.89		
G2	21/9/2017	Mid-Flood	Fine	Moderate	8:18	12	M	6	1	7.69	7.69	26.35	26.35	28.89	28.89	70.2	70.2	4.67	4.67		11.2	11.2		NA	NA		NA	NA		0.10	0.11	0.68	0.89		
G2	21/9/2017	Mid-Flood	Fine	Moderate	8:18	12	M	6	2	7.69		26.35		28.89		70.1		4.66			11.1			NA			NA			0.10	0.11	0.67	0.88		
G2	21/9/2017	Mid-Flood	Fine	Moderate	8:18	12	M	6	3																					0.10	0.12	0.67	0.89		
G2	21/9/2017	Mid-Flood	Fine	Moderate	8:18	12	B	11	1	7.79	7.79	27.08	27.08	28.81	28.81	71.2	71.3	4.72	4.73		11.1	11.2		NA	NA		NA	NA		0.15	0.11	0.68	0.94	0.93	
G2	21/9/2017	Mid-Flood	Fine	Moderate	8:18	12	B	11	2	7.79		27.08		28.81		71.3		4.73			11.2			NA			NA			0.15	0.11	0.67	0.93		
G2	21/9/2017	Mid-Flood	Fine	Moderate	8:18	12	B	11	3																					0.15	0.11	0.67	0.93		
SR2	21/9/2017	Mid-Flood	Fine	Moderate	8:29	9	S	1	1	6.82	6.97	25.67	25.68	29.06	29.06	73.8	73.9	4.95	4.96	4.86	9.7	9.8	10.3	0.10	0.10	0.10	0.001	0.001	0.002	NA	NA	NA	NA	NA	NA
SR2	21/9/2017	Mid-Flood	Fine	Moderate	8:29	9	S	1	2	7.12		25.68		29.06		73.9		4.96			9.8			0.10			0.001			NA	NA	NA	NA		
SR2	21/9/2017	Mid-Flood	Fine	Moderate	8:29	9	S	1	3																					NA	NA	NA	NA		
SR2	21/9/2017	Mid-Flood	Fine	Moderate	8:29	9	M	4.5	1	7.69	7.70	27.31	27.32	28.80	28.80	71.9	71.9	4.77	4.77		10.5	10.5		0.10	0.10		0.003	0.003		NA	NA	NA	NA	NA	NA
SR2	21/9/2017	Mid-Flood	Fine	Moderate	8:29	9	M	4.5	2	7.70		27.32		28.80		71.8		4.76			10.4			0.10			0.003			NA	NA	NA	NA		
SR2	21/9/2017	Mid-Flood	Fine	Moderate	8:29	9	M	4.5	3																					NA	NA	NA	NA		
SR2	21/9/2017	Mid-Flood	Fine	Moderate	8:29	9	B	8	1	7.79	7.79	27.73	27.73	28.74	28.74	71.5	71.6	4.73	4.74		10.7	10.8		0.10	0.10		0.004	0.004		NA	NA	NA	NA	NA	
SR2	21/9/2017	Mid-Flood	Fine	Moderate	8:29	9	B	8	2	7.78		27.73		28.74		71.6		4.74			10.8			0.10			0.004			NA	NA	NA	NA		
SR2	21/9/2017	Mid-Flood	Fine	Moderate	8:29	9	B	8	3																					NA	NA	NA	NA		
SR3	21/9/2017	Mid-Flood	Fine	Moderate	8:03	8	S	1	1	7.26	7.26	25.52	25.52	29.02	29.02	75.1	75.2	5.01	5.02	4.86	9.9	10.0	12.4	0.13	0.13	0.13	0.001	0.001	0.003	NA	NA	NA	NA	NA	NA
SR3	21/9/2017	Mid-Flood	Fine	Moderate	8:03	8	S	1	2	7.26		25.52		29.02		75.3		5.02			10.0			0.13			0.001			NA	NA	NA	NA		
SR3	21/9/2017	Mid-Flood	Fine	Moderate	8:03	8	S	1	3																					NA	NA	NA	NA		
SR3	21/9/2017	Mid-Flood	Fine	Moderate	8:03	8	M	4	1	7.70	7.70	26.86	26.86	28.80	28.80	70.5	70.4	4.69	4.70		12.3	12.3		0.14	0.14		0.004	0.004		NA	NA	NA	NA	NA	NA
SR3	21/9/2017	Mid-Flood	Fine	Moderate	8:03	8	M	4	2	7.70		26.86		28.80		70.4		4.70			12.2			0.13			0.004			NA	NA	NA	NA		
SR3	21/9/2017	Mid-Flood	Fine	Moderate	8:03	8	M	4	3																					NA	NA	NA	NA		
SR3	21/9/2017	Mid-Flood	Fine	Moderate	8:03	8	B	7	1	7.73	7.73	27.13	27.13	28.77	28.77	69.2	69.3	4.59	4.60		15.1	15.1		0.12	0.13		0.004	0.004		NA	NA	NA	NA	NA	
SR3	21/9/2017	Mid-Flood	Fine	Moderate	8:03	8	B	7	2	7.73		27.13		28.77		69.3		4.60			15.0			0.13			0.004			NA	NA	NA	NA		
SR3	21/9/2017	Mid-Flood	Fine	Moderate	8:03	8	B	7	3																					NA	NA	NA	NA		

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR4	21/9/2017	Mid-Flood	Fine	Moderate	7:38	4	S	1	1	7.38	7.38	26.32	26.32	28.94	28.94	73.7	73.8	4.91	4.92	4.92	10.3	10.4	10.4	0.10	0.10	0.11	0.001	0.001	0.003	NA	NA	NA	NA	NA	NA
SR4	21/9/2017	Mid-Flood	Fine	Moderate	7:38	4	S	1	2	7.38		26.32		28.94		73.8		4.92			10.4			0.10			0.001			NA	NA	NA	NA		
SR4	21/9/2017	Mid-Flood	Fine	Moderate	7:38	4	S	1	3																					NA	NA	NA	NA		
SR4	21/9/2017	Mid-Flood	Fine	Moderate	7:38	4	M		1																					NA	NA	NA	NA		
SR4	21/9/2017	Mid-Flood	Fine	Moderate	7:38	4	M		2		NA		NA		NA		NA		NA			NA			NA			NA		NA	NA	NA	NA	NA	NA
SR4	21/9/2017	Mid-Flood	Fine	Moderate	7:38	4	M		3																					NA	NA	NA	NA		
SR4	21/9/2017	Mid-Flood	Fine	Moderate	7:38	4	B	3	1	7.73	7.73	28.55	28.55	28.92	28.92	73.2	73.2	4.87	4.87		10.5	10.5		0.12	0.12		0.004	0.004		NA	NA	NA	NA		
SR4	21/9/2017	Mid-Flood	Fine	Moderate	7:38	4	B	3	2	7.73		28.55		28.92		73.1		4.86			10.4			0.12			0.004			NA	NA	NA	NA	NA	
SR4	21/9/2017	Mid-Flood	Fine	Moderate	7:38	4	B	3	3																					NA	NA	NA	NA		
SR5	21/9/2017	Mid-Flood	Fine	Moderate	8:59	11	S	1	1	7.39	7.39	25.99	25.99	29.01	29.01	75.3	75.3	5.10	5.10	5.01	11.3	11.3	11.9	NA	NA	NA	NA	NA	NA	0.12	0.09	0.60	0.81	0.81	0.80
SR5	21/9/2017	Mid-Flood	Fine	Moderate	8:59	11	S	1	2	7.39		25.99		29.01		75.3		5.10			11.2			NA			NA			0.12	0.09	0.60	0.81		
SR5	21/9/2017	Mid-Flood	Fine	Moderate	8:59	11	S	1	3																					0.12	0.09	0.60	0.81		
SR5	21/9/2017	Mid-Flood	Fine	Moderate	8:59	11	M	5.5	1	7.69	7.69	27.05	27.05	28.83	28.83	73.9	73.9	4.92	4.92		12.5	12.5		NA	NA		NA	NA		0.11	0.09	0.60	0.80	0.80	
SR5	21/9/2017	Mid-Flood	Fine	Moderate	8:59	11	M	5.5	2	7.69		27.05		28.83		73.8		4.91			12.4			NA			NA			0.11	0.10	0.59	0.80		
SR5	21/9/2017	Mid-Flood	Fine	Moderate	8:59	11	M	5.5	3																					0.11	0.09	0.60	0.80		
SR5	21/9/2017	Mid-Flood	Fine	Moderate	8:59	11	B	10	1	7.81	7.81	27.59	27.59	28.78	28.78	72.2	72.3	4.79	4.80		11.9	11.9		NA	NA		NA	NA		0.10	0.10	0.59	0.79	0.79	
SR5	21/9/2017	Mid-Flood	Fine	Moderate	8:59	11	B	10	2	7.81		27.59		28.78		72.3		4.80			11.8			NA			NA			0.10	0.10	0.59	0.79		
SR5	21/9/2017	Mid-Flood	Fine	Moderate	8:59	11	B	10	3																					0.10	0.09	0.60	0.79		
SR12	21/9/2017	Mid-Flood	Fine	Moderate	7:13	15	S	1	1	7.49	7.49	27.95	27.95	28.81	28.81	69.3	69.4	4.58	4.59	4.57	9.4	9.5	9.5	0.12	0.13	0.16	0.002	0.002	0.005	NA	NA	NA	NA	NA	NA
SR12	21/9/2017	Mid-Flood	Fine	Moderate	7:13	15	S	1	2	7.49		27.95		28.81		69.4		4.60			9.5			0.13			0.002			NA	NA	NA	NA		
SR12	21/9/2017	Mid-Flood	Fine	Moderate	7:13	15	S	1	3																					NA	NA	NA	NA		
SR12	21/9/2017	Mid-Flood	Fine	Moderate	7:13	15	M	7.5	1	7.74	7.74	28.04	28.04	28.74	28.74	68.8	68.9	4.54	4.55		9.0	9.1		0.20	0.20		0.006	0.006		NA	NA	NA	NA	NA	NA
SR12	21/9/2017	Mid-Flood	Fine	Moderate	7:13	15	M	7.5	2	7.74		28.04		28.74		68.9		4.55			9.1			0.20			0.006			NA	NA	NA	NA		
SR12	21/9/2017	Mid-Flood	Fine	Moderate	7:13	15	M	7.5	3																					NA	NA	NA	NA		
SR12	21/9/2017	Mid-Flood	Fine	Moderate	7:13	15	B	14	1	7.75	7.75	28.12	28.13	28.71	28.71	66.6	66.6	4.38	4.38		10.0	10.1		0.15	0.15		0.005	0.005		NA	NA	NA	NA	NA	
SR12	21/9/2017	Mid-Flood	Fine	Moderate	7:13	15	B	14	2	7.75		28.13		28.71		66.5		4.37			10.1			0.14			0.005			NA	NA	NA	NA		
SR12	21/9/2017	Mid-Flood	Fine	Moderate	7:13	15	B	14	3																					NA	NA	NA	NA		
SR13	21/9/2017	Mid-Flood	Fine	Moderate	6:51	14	S	1	1	7.54	7.54	27.67	27.66	28.75	28.75	70.7	70.3	4.63	4.63	4.59	9.6	9.6	10.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	21/9/2017	Mid-Flood	Fine	Moderate	6:51	14	S	1	2	7.54		27.64		28.75		69.9		4.62			9.5			NA			NA			NA	NA	NA	NA		
SR13	21/9/2017	Mid-Flood	Fine	Moderate	6:51	14	S	1	3																					NA	NA	NA	NA		
SR13	21/9/2017	Mid-Flood	Fine	Moderate	6:51	14	M	7	1	7.78	7.78	27.96	27.97	28.72	28.72	68.8	68.8	4.56	4.56		10.6	10.6		NA	NA		NA	NA		NA	NA	NA	NA	NA	NA
SR13	21/9/2017	Mid-Flood	Fine	Moderate	6:51	14	M	7	2	7.78		27.98		28.72		68.7		4.55			10.5			NA			NA			NA	NA	NA	NA		
SR13	21/9/2017	Mid-Flood	Fine	Moderate	6:51	14	M	7	3																					NA	NA	NA	NA		
SR13	21/9/2017	Mid-Flood	Fine	Moderate	6:51	14	B	13	1	7.78	7.78	28.18	28.18	28.69	28.69	68.7	68.6	4.55	4.55		11.1	11.1		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	21/9/2017	Mid-Flood	Fine	Moderate	6:51	14	B	13	2	7.78		28.18		28.69		68.5		4.54			11.0			NA			NA			NA	NA	NA	NA		
SR13	21/9/2017	Mid-Flood	Fine	Moderate	6:51	14	B	13	3																					NA	NA	NA	NA		

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
C1A	21/9/2017	Mid-Flood	Fine	Moderate	9:26	28	S	1	1	5	6	8	0.10	0.10	0.10	0.002	0.002	0.003	0.10	0.09	0.58	0.77	0.78	0.79	12	13	14	NA	NA	NA	<1	1	1
C1A	21/9/2017	Mid-Flood	Fine	Moderate	9:26	28	S	1	2	7			0.09			0.002			0.09	0.09	0.59	0.77			15			NA			<1		
C1A	21/9/2017	Mid-Flood	Fine	Moderate	9:26	28	S	1	3										0.11	0.09	0.60	0.80											
C1A	21/9/2017	Mid-Flood	Fine	Moderate	9:26	28	M	14	1	9	9		0.09			0.003			0.09	0.09	0.58	0.76			14			NA			<1		
C1A	21/9/2017	Mid-Flood	Fine	Moderate	9:26	28	M	14	2	8			0.10			0.003			0.10	0.09	0.59	0.78			12			NA			1		
C1A	21/9/2017	Mid-Flood	Fine	Moderate	9:26	28	M	14	3										0.08	0.09	0.59	0.76											
C1A	21/9/2017	Mid-Flood	Fine	Moderate	9:26	28	B	27	1	10	11		0.11			0.004			0.11	0.09	0.62	0.82			12			NA			1		
C1A	21/9/2017	Mid-Flood	Fine	Moderate	9:26	28	B	27	2	11			0.11			0.004			0.11	0.09	0.62	0.82			18			NA			1		
C1A	21/9/2017	Mid-Flood	Fine	Moderate	9:26	28	B	27	3										0.10	0.08	0.64	0.82											
C2A	21/9/2017	Mid-Flood	Fine	Moderate	6:25	13	S	1	1	6	7	8	0.39	0.40	0.39	0.015	0.015	0.016	0.39	0.05	0.40	0.84	0.84	0.83	230	267	326	NA	NA	NA	<1	1	1
C2A	21/9/2017	Mid-Flood	Fine	Moderate	6:25	13	S	1	2	7			0.40			0.015			0.40	0.05	0.41	0.86			310			NA			<1		
C2A	21/9/2017	Mid-Flood	Fine	Moderate	6:25	13	S	1	3										0.36	0.05	0.40	0.81											
C2A	21/9/2017	Mid-Flood	Fine	Moderate	6:25	13	M	6.5	1	7	7		0.38	0.39		0.017	0.017		0.38	0.05	0.40	0.83	0.84		260	250		NA	NA		<1	1	
C2A	21/9/2017	Mid-Flood	Fine	Moderate	6:25	13	M	6.5	2	6			0.40			0.017			0.40	0.05	0.40	0.85			240			NA			<1		
C2A	21/9/2017	Mid-Flood	Fine	Moderate	6:25	13	M	6.5	3										0.40	0.05	0.40	0.85											
C2A	21/9/2017	Mid-Flood	Fine	Moderate	6:25	13	B	12	1	9	10		0.38	0.38		0.016	0.015		0.38	0.05	0.40	0.83	0.82		560	518		NA	NA		<1	1	
C2A	21/9/2017	Mid-Flood	Fine	Moderate	6:25	13	B	12	2	11			0.37			0.015			0.37	0.05	0.40	0.82			480			NA			1		
C2A	21/9/2017	Mid-Flood	Fine	Moderate	6:25	13	B	12	3										0.37	0.05	0.40	0.82											
G2	21/9/2017	Mid-Flood	Fine	Moderate	8:18	12	S	1	1	6	5	6	NA	NA	NA	NA	NA	NA	0.10	0.12	0.67	0.89	0.90	0.90	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	21/9/2017	Mid-Flood	Fine	Moderate	8:18	12	S	1	2	4			NA			NA			0.12	0.11	0.67	0.90			NA			NA			NA		
G2	21/9/2017	Mid-Flood	Fine	Moderate	8:18	12	S	1	3										0.12	0.12	0.67	0.91											
G2	21/9/2017	Mid-Flood	Fine	Moderate	8:18	12	M	6	1	4	5		NA	NA		NA	NA		0.12	0.11	0.68	0.91	0.91		NA	NA		NA	NA		NA	NA	
G2	21/9/2017	Mid-Flood	Fine	Moderate	8:18	12	M	6	2	5			NA			NA			0.10	0.11	0.67	0.88			NA			NA			NA		
G2	21/9/2017	Mid-Flood	Fine	Moderate	8:18	12	M	6	3										0.14	0.12	0.67	0.93											
G2	21/9/2017	Mid-Flood	Fine	Moderate	8:18	12	B	11	1	8	8		NA	NA		NA	NA		0.13	0.11	0.68	0.92	0.90		NA	NA		NA	NA		NA	NA	
G2	21/9/2017	Mid-Flood	Fine	Moderate	8:18	12	B	11	2	8			NA			NA			0.14	0.11	0.67	0.92			NA			NA			NA		
G2	21/9/2017	Mid-Flood	Fine	Moderate	8:18	12	B	11	3										0.09	0.11	0.67	0.87											
SR2	21/9/2017	Mid-Flood	Fine	Moderate	8:29	9	S	1	1	7	6	6	0.10	0.09	0.09	0.001	0.001	0.002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	21/9/2017	Mid-Flood	Fine	Moderate	8:29	9	S	1	2	5			0.08			0.000			NA	NA	NA	NA			NA			NA			NA		
SR2	21/9/2017	Mid-Flood	Fine	Moderate	8:29	9	S	1	3										NA	NA	NA	NA											
SR2	21/9/2017	Mid-Flood	Fine	Moderate	8:29	9	M	4.5	1	6	6		0.08	0.09		0.002	0.003		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	21/9/2017	Mid-Flood	Fine	Moderate	8:29	9	M	4.5	2	6			0.10			0.003			NA	NA	NA	NA			NA			NA			NA		
SR2	21/9/2017	Mid-Flood	Fine	Moderate	8:29	9	M	4.5	3										NA	NA	NA	NA											
SR2	21/9/2017	Mid-Flood	Fine	Moderate	8:29	9	B	8	1	6	6		0.10	0.10		0.004	0.004		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	21/9/2017	Mid-Flood	Fine	Moderate	8:29	9	B	8	2	6			0.10			0.004			NA	NA	NA	NA			NA			NA			NA		
SR2	21/9/2017	Mid-Flood	Fine	Moderate	8:29	9	B	8	3										NA	NA	NA	NA											
SR3	21/9/2017	Mid-Flood	Fine	Moderate	8:03	8	S	1	1	8	8	9	0.13	0.13	0.13	0.001	0.001	0.003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	21/9/2017	Mid-Flood	Fine	Moderate	8:03	8	S	1	2	7			0.13			0.001			NA	NA	NA	NA			NA			NA			NA		
SR3	21/9/2017	Mid-Flood	Fine	Moderate	8:03	8	S	1	3										NA	NA	NA	NA											
SR3	21/9/2017	Mid-Flood	Fine	Moderate	8:03	8	M	4	1	9	10		0.14	0.14		0.004	0.004		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	21/9/2017	Mid-Flood	Fine	Moderate	8:03	8	M	4	2	10			0.13			0.004			NA	NA	NA	NA			NA			NA			NA		
SR3	21/9/2017	Mid-Flood	Fine	Moderate	8:03	8	M	4	3										NA	NA	NA	NA											
SR3	21/9/2017	Mid-Flood	Fine	Moderate	8:03	8	B	7	1	8	9		0.12	0.13		0.004	0.004		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	21/9/2017	Mid-Flood	Fine	Moderate	8:03	8	B	7	2	9			0.13			0.004			NA	NA	NA	NA			NA			NA			NA		
SR3	21/9/2017	Mid-Flood	Fine	Moderate	8:03	8	B	7	3										NA	NA	NA	NA											

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
SR4	21/9/2017	Mid-Flood	Fine	Moderate	7:38	4	S	1	1	5	5	6	0.11	0.13	0.13	0.002	0.002	0.003	NA	NA	NA	NA	NA	NA	68	70	58	NA	NA	NA	<1	1	1
SR4	21/9/2017	Mid-Flood	Fine	Moderate	7:38	4	S	1	2	5			0.15			0.002			NA	NA	NA	NA			73			NA			<1		
SR4	21/9/2017	Mid-Flood	Fine	Moderate	7:38	4	S	1	3										NA	NA	NA	NA											
SR4	21/9/2017	Mid-Flood	Fine	Moderate	7:38	4	M		1		NA			NA			NA		NA	NA	NA	NA	NA			NA		NA	NA				
SR4	21/9/2017	Mid-Flood	Fine	Moderate	7:38	4	M		2										NA	NA	NA	NA											
SR4	21/9/2017	Mid-Flood	Fine	Moderate	7:38	4	M		3										NA	NA	NA	NA											
SR4	21/9/2017	Mid-Flood	Fine	Moderate	7:38	4	B	3	1	8	7		0.12	0.12		0.004	0.004		NA	NA	NA	NA	NA		46	48		NA	NA		<1	2	
SR4	21/9/2017	Mid-Flood	Fine	Moderate	7:38	4	B	3	2	6			0.12			0.004			NA	NA	NA	NA			51			NA			2		
SR4	21/9/2017	Mid-Flood	Fine	Moderate	7:38	4	B	3	3										NA	NA	NA	NA											
SR5	21/9/2017	Mid-Flood	Fine	Moderate	8:59	11	S	1	1	6	7	7	NA	NA	NA	NA	NA	NA	0.12	0.09	0.60	0.81	0.81	0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	21/9/2017	Mid-Flood	Fine	Moderate	8:59	11	S	1	2	7			NA			NA			0.13	0.09	0.60	0.82			NA			NA			NA		
SR5	21/9/2017	Mid-Flood	Fine	Moderate	8:59	11	S	1	3										0.12	0.09	0.60	0.81											
SR5	21/9/2017	Mid-Flood	Fine	Moderate	8:59	11	M	5.5	1	7	7		NA	NA		NA	NA		0.11	0.09	0.60	0.80	0.79		NA	NA		NA	NA		NA	NA	
SR5	21/9/2017	Mid-Flood	Fine	Moderate	8:59	11	M	5.5	2	6			NA			NA			0.11	0.10	0.59	0.80			NA			NA			NA		
SR5	21/9/2017	Mid-Flood	Fine	Moderate	8:59	11	M	5.5	3										0.08	0.09	0.60	0.77											
SR5	21/9/2017	Mid-Flood	Fine	Moderate	8:59	11	B	10	1	9	9		NA	NA		NA	NA		0.10	0.10	0.59	0.79	0.78		NA	NA		NA	NA		NA	NA	
SR5	21/9/2017	Mid-Flood	Fine	Moderate	8:59	11	B	10	2	8			NA			NA			0.08	0.10	0.59	0.77			NA			NA			NA		
SR5	21/9/2017	Mid-Flood	Fine	Moderate	8:59	11	B	10	3										0.10	0.09	0.60	0.79											
SR12	21/9/2017	Mid-Flood	Fine	Moderate	7:13	15	S	1	1	5	5	6	0.12	0.13	0.16	0.002	0.002	0.004	NA	NA	NA	NA	NA	NA	150	164	95	NA	NA	NA	2	2	1
SR12	21/9/2017	Mid-Flood	Fine	Moderate	7:13	15	S	1	2	4			0.13			0.002			NA	NA	NA	NA			180			NA			<1		
SR12	21/9/2017	Mid-Flood	Fine	Moderate	7:13	15	S	1	3										NA	NA	NA	NA											
SR12	21/9/2017	Mid-Flood	Fine	Moderate	7:13	15	M	7.5	1	5	6		0.20	0.20		0.006	0.006		NA	NA	NA	NA	NA		67	69		NA	NA		<1	1	
SR12	21/9/2017	Mid-Flood	Fine	Moderate	7:13	15	M	7.5	2	7			0.19			0.006			NA	NA	NA	NA			72			NA			<1		
SR12	21/9/2017	Mid-Flood	Fine	Moderate	7:13	15	M	7.5	3										NA	NA	NA	NA											
SR12	21/9/2017	Mid-Flood	Fine	Moderate	7:13	15	B	14	1	6	7		0.15	0.15		0.005	0.005		NA	NA	NA	NA	NA		68	76		NA	NA		<1	1	
SR12	21/9/2017	Mid-Flood	Fine	Moderate	7:13	15	B	14	2	7			0.14			0.005			NA	NA	NA	NA			84			NA			<1		
SR12	21/9/2017	Mid-Flood	Fine	Moderate	7:13	15	B	14	3										NA	NA	NA	NA											
SR13	21/9/2017	Mid-Flood	Fine	Moderate	6:51	14	S	1	1	7	7	9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	21/9/2017	Mid-Flood	Fine	Moderate	6:51	14	S	1	2	7			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	21/9/2017	Mid-Flood	Fine	Moderate	6:51	14	S	1	3										NA	NA	NA	NA											
SR13	21/9/2017	Mid-Flood	Fine	Moderate	6:51	14	M	7	1	8	9		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	21/9/2017	Mid-Flood	Fine	Moderate	6:51	14	M	7	2	9			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	21/9/2017	Mid-Flood	Fine	Moderate	6:51	14	M	7	3										NA	NA	NA	NA											
SR13	21/9/2017	Mid-Flood	Fine	Moderate	6:51	14	B	13	1	12	11		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	21/9/2017	Mid-Flood	Fine	Moderate	6:51	14	B	13	2	10			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	21/9/2017	Mid-Flood	Fine	Moderate	6:51	14	B	13	3										NA	NA	NA	NA											

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
C1A	21/9/2017	Mid-Ebb	Fine	Moderate	10:05	28	S	1	1	7.68	7.68	26.17	26.17	29.05	29.05	74.3	74.3	4.95	4.95	4.86	10.6	10.6	11.7	0.10	0.10	0.10	0.003	0.003	0.003	0.10	0.09	0.58	0.77	0.77	0.78
C1A	21/9/2017	Mid-Ebb	Fine	Moderate	10:05	28	S	1	2	7.68		26.17		29.05		74.2		4.94			10.5			0.10			0.003			0.10	0.09	0.58	0.77		
C1A	21/9/2017	Mid-Ebb	Fine	Moderate	10:05	28	S	1	3																					0.10	0.09	0.58	0.77		
C1A	21/9/2017	Mid-Ebb	Fine	Moderate	10:05	28	M	14	1	7.78	7.77	27.61	27.61	28.75	28.77	71.8	71.9	4.76	4.77		12.5	12.5		0.10	0.10		0.003	0.003		0.10	0.09	0.58	0.77		
C1A	21/9/2017	Mid-Ebb	Fine	Moderate	10:05	28	M	14	2	7.75		27.61		28.79		71.9		4.77			12.4			0.10			0.003			0.10	0.09	0.59	0.78		
C1A	21/9/2017	Mid-Ebb	Fine	Moderate	10:05	28	M	14	3																					0.10	0.09	0.58	0.77		
C1A	21/9/2017	Mid-Ebb	Fine	Moderate	10:05	28	B	27	1	7.79	7.79	27.85	27.85	28.72	28.72	71.6	71.7	4.74	4.77		12.2	12.2		0.10	0.10		0.004	0.004		0.10	0.09	0.62	0.81	0.81	
C1A	21/9/2017	Mid-Ebb	Fine	Moderate	10:05	28	B	27	2	7.79		27.85		28.72		71.7		4.79			12.1			0.10			0.004			0.10	0.09	0.62	0.81		
C1A	21/9/2017	Mid-Ebb	Fine	Moderate	10:05	28	B	27	3																					0.10	0.09	0.62	0.81		
C2A	21/9/2017	Mid-Ebb	Fine	Moderate	12:39	13	S	1	1	7.88	7.88	28.83	28.84	28.73	28.73	69.0	69.0	4.54	4.54	4.53	9.6	9.7	12.8	0.40	0.40	0.37	0.017	0.017	0.015	0.40	0.05	0.40	0.85	0.85	0.82
C2A	21/9/2017	Mid-Ebb	Fine	Moderate	12:39	13	S	1	2	7.88		28.85		28.73		68.9		4.53			9.7			0.40			0.017			0.40	0.06	0.39	0.85		
C2A	21/9/2017	Mid-Ebb	Fine	Moderate	12:39	13	S	1	3																					0.40	0.06	0.39	0.85		
C2A	21/9/2017	Mid-Ebb	Fine	Moderate	12:39	13	M	6.5	1	7.86	7.86	29.16	29.17	28.74	28.74	68.7	68.8	4.51	4.52		13.1	13.2		0.40	0.40		0.017	0.017		0.40	0.06	0.38	0.84		
C2A	21/9/2017	Mid-Ebb	Fine	Moderate	12:39	13	M	6.5	2	7.86		29.17		28.74		68.9		4.52			13.2			0.40			0.017			0.40	0.06	0.39	0.85		
C2A	21/9/2017	Mid-Ebb	Fine	Moderate	12:39	13	M	6.5	3																					0.40	0.06	0.39	0.85		
C2A	21/9/2017	Mid-Ebb	Fine	Moderate	12:39	13	B	12	1	7.84	7.84	29.31	29.32	28.75	28.75	67.6	67.7	4.44	4.45		15.5	15.5		0.30	0.30		0.012	0.012		0.30	0.06	0.39	0.75	0.75	
C2A	21/9/2017	Mid-Ebb	Fine	Moderate	12:39	13	B	12	2	7.84		29.32		28.75		67.8		4.46			15.4			0.30			0.012			0.30	0.05	0.40	0.75		
C2A	21/9/2017	Mid-Ebb	Fine	Moderate	12:39	13	B	12	3																					0.30	0.05	0.40	0.75		
G2	21/9/2017	Mid-Ebb	Fine	Moderate	10:57	12	S	1	1	7.04	7.04	26.02	26.02	28.94	28.94	70.7	70.8	4.70	4.71	4.70	10.6	10.7	11.0	NA	NA	NA	NA	NA	NA	0.10	0.11	0.68	0.89	0.88	0.88
G2	21/9/2017	Mid-Ebb	Fine	Moderate	10:57	12	S	1	2	7.04		26.02		28.94		70.8		4.71			10.7			NA			NA			0.10	0.10	0.68	0.88		
G2	21/9/2017	Mid-Ebb	Fine	Moderate	10:57	12	S	1	3																					0.10	0.11	0.67	0.88		
G2	21/9/2017	Mid-Ebb	Fine	Moderate	10:57	12	M	6	1	7.69	7.69	26.39	26.39	28.90	28.90	70.9	71.0	4.69	4.70		10.9	11.0		NA	NA		NA	NA		0.10	0.11	0.67	0.88		
G2	21/9/2017	Mid-Ebb	Fine	Moderate	10:57	12	M	6	2	7.69		26.39		28.90		71.0		4.70			11.0			NA			NA			0.10	0.11	0.67	0.88		
G2	21/9/2017	Mid-Ebb	Fine	Moderate	10:57	12	M	6	3																					0.10	0.11	0.67	0.88		
G2	21/9/2017	Mid-Ebb	Fine	Moderate	10:57	12	B	11	1	7.80	7.80	27.12	27.12	28.82	28.82	73.9	73.9	4.85	4.86		11.3	11.4		NA	NA		NA	NA		0.10	0.12	0.66	0.88	0.88	
G2	21/9/2017	Mid-Ebb	Fine	Moderate	10:57	12	B	11	2	7.80		27.12		28.82		73.8		4.86			11.4			NA			NA			0.10	0.12	0.66	0.88		
G2	21/9/2017	Mid-Ebb	Fine	Moderate	10:57	12	B	11	3																					0.10	0.12	0.66	0.88		
SR2	21/9/2017	Mid-Ebb	Fine	Moderate	10:48	9	S	1	1	7.34	7.34	26.34	26.34	29.05	29.05	73.2	73.2	4.90	4.90	4.84	9.6	9.6	10.2	0.11	0.11	0.11	0.001	0.001	0.003	NA	NA	NA	NA	NA	NA
SR2	21/9/2017	Mid-Ebb	Fine	Moderate	10:48	9	S	1	2	7.34		26.34		29.05		73.1		4.89			9.5			0.11			0.001			NA	NA	NA	NA		
SR2	21/9/2017	Mid-Ebb	Fine	Moderate	10:48	9	S	1	3																					NA	NA	NA	NA		
SR2	21/9/2017	Mid-Ebb	Fine	Moderate	10:48	9	M	4.5	1	7.71	7.71	27.28	27.28	28.60	28.60	72.1	72.2	4.78	4.79		10.6	10.7		0.10	0.11		0.003	0.003		NA	NA	NA	NA	NA	NA
SR2	21/9/2017	Mid-Ebb	Fine	Moderate	10:48	9	M	4.5	2	7.71		27.28		28.60		72.3		4.79			10.7			0.11			0.003			NA	NA	NA	NA		
SR2	21/9/2017	Mid-Ebb	Fine	Moderate	10:48	9	M	4.5	3																					NA	NA	NA	NA		
SR2	21/9/2017	Mid-Ebb	Fine	Moderate	10:48	9	B	8	1	7.81	7.81	27.74	27.75	28.76	28.76	71.8	71.9	4.76	4.77		10.4	10.4		0.10	0.10		0.004	0.004		NA	NA	NA	NA	NA	
SR2	21/9/2017	Mid-Ebb	Fine	Moderate	10:48	9	B	8	2	7.81		27.75		28.76		71.9		4.77			10.3			0.10			0.004			NA	NA	NA	NA		
SR2	21/9/2017	Mid-Ebb	Fine	Moderate	10:48	9	B	8	3																					NA	NA	NA	NA		
SR3	21/9/2017	Mid-Ebb	Fine	Moderate	11:12	8	S	1	1	7.55	7.55	25.62	25.62	28.99	28.99	74.1	74.2	4.94	4.95	4.81	10.4	10.4	12.7	0.10	0.11	0.12	0.002	0.002	0.003	NA	NA	NA	NA	NA	NA
SR3	21/9/2017	Mid-Ebb	Fine	Moderate	11:12	8	S	1	2	7.55		25.62		28.99		74.2		4.95			10.3			0.11			0.002			NA	NA	NA	NA		
SR3	21/9/2017	Mid-Ebb	Fine	Moderate	11:12	8	S	1	3																					NA	NA	NA	NA		
SR3	21/9/2017	Mid-Ebb	Fine	Moderate	11:12	8	M	4	1	7.73	7.73	26.94	26.94	28.80	28.80	70.1	70.2	4.67	4.68		12.8	13.0		0.12	0.13		0.004	0.004		NA	NA	NA	NA	NA	NA
SR3	21/9/2017	Mid-Ebb	Fine	Moderate	11:12	8	M	4	2	7.73		26.94		28.80		70.2		4.68			12.9			0.13			0.004			NA	NA	NA	NA		
SR3	21/9/2017	Mid-Ebb	Fine	Moderate	11:12	8	M	4	3																					NA	NA	NA	NA		
SR3	21/9/2017	Mid-Ebb	Fine	Moderate	11:12	8	B	7	1	7.74	7.74	27.35	27.35	28.75	28.75	68.9	69.0	4.57	4.58		15.0	14.9		0.12	0.13		0.004	0.004		NA	NA	NA	NA	NA	
SR3	21/9/2017	Mid-Ebb	Fine	Moderate	11:12	8	B	7	2	7.74		27.35		28.75		69.0		4.58			14.9			0.13			0.004			NA	NA	NA	NA		
SR3	21/9/2017	Mid-Ebb	Fine	Moderate	11:12	8	B	7	3																					NA	NA	NA	NA		

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																										
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrite (mg/L-N)	TIN-Nitrate (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR4	21/9/2017	Mid-Ebb	Fine	Moderate	11:37	4	S	1	1	7.69	7.69	26.43	26.43	28.92	28.93	73.1	73.2	4.87	4.88	4.88	10.5	10.6	11.3	0.10	0.11	0.11	0.003	0.003	0.003	NA	NA	NA	NA	NA	NA
SR4	21/9/2017	Mid-Ebb	Fine	Moderate	11:37	4	S	1	2	7.69		26.43		28.93		73.2		4.88			10.6			0.11			0.003			NA	NA	NA	NA		
SR4	21/9/2017	Mid-Ebb	Fine	Moderate	11:37	4	S	1	3																					NA	NA	NA	NA		
SR4	21/9/2017	Mid-Ebb	Fine	Moderate	11:37	4	M		1		NA		NA		NA		NA		NA			NA			NA			NA			NA	NA	NA	NA	NA	NA
SR4	21/9/2017	Mid-Ebb	Fine	Moderate	11:37	4	M		2																					NA	NA	NA	NA		
SR4	21/9/2017	Mid-Ebb	Fine	Moderate	11:37	4	M		3																					NA	NA	NA	NA		
SR4	21/9/2017	Mid-Ebb	Fine	Moderate	11:37	4	B	3	1	7.74	7.74	27.17	27.17	28.18	28.18	69.5	69.5	4.61	4.61		11.9	12.0		0.12	0.12		0.004	0.004		NA	NA	NA	NA	NA	
SR4	21/9/2017	Mid-Ebb	Fine	Moderate	11:37	4	B	3	2	7.74		27.17		28.18		69.4		4.60			12.0			0.12			0.004			NA	NA	NA	NA		
SR4	21/9/2017	Mid-Ebb	Fine	Moderate	11:37	4	B	3	3																					NA	NA	NA	NA		
SR5	21/9/2017	Mid-Ebb	Fine	Moderate	10:30	11	S	1	1	7.81	7.81	27.27	27.27	28.82	28.82	72.0	71.9	4.77	4.76	4.76	12.2	12.3	12.3	NA	NA	NA	NA	NA	NA	0.11	0.08	0.58	0.77	0.78	0.79
SR5	21/9/2017	Mid-Ebb	Fine	Moderate	10:30	11	S	1	2	7.81		27.27		28.82		71.8		4.75			12.4			NA			NA			0.11	0.09	0.59	0.79		
SR5	21/9/2017	Mid-Ebb	Fine	Moderate	10:30	11	S	1	3																					0.11	0.09	0.59	0.79		
SR5	21/9/2017	Mid-Ebb	Fine	Moderate	10:30	11	M	5.5	1	7.81	7.81	27.74	27.74	28.82	28.82	71.9	71.8	4.77	4.76		12.5	12.6		NA	NA	NA	NA	NA	NA	0.11	0.09	0.59	0.79	0.80	
SR5	21/9/2017	Mid-Ebb	Fine	Moderate	10:30	11	M	5.5	2	7.81		27.74		28.82		71.7		4.74			12.6			NA			NA			0.11	0.09	0.60	0.80		
SR5	21/9/2017	Mid-Ebb	Fine	Moderate	10:30	11	M	5.5	3																					0.11	0.09	0.60	0.80		
SR5	21/9/2017	Mid-Ebb	Fine	Moderate	10:30	11	B	10	1	7.82	7.82	27.49	27.49	28.77	28.77	71.8	71.9	4.76	4.77		11.9	12.0		NA	NA		NA	NA		0.10	0.09	0.59	0.78	0.79	
SR5	21/9/2017	Mid-Ebb	Fine	Moderate	10:30	11	B	10	2	7.82		27.49		28.77		71.9		4.77			12.0			NA			NA			0.10	0.09	0.60	0.79		
SR5	21/9/2017	Mid-Ebb	Fine	Moderate	10:30	11	B	10	3																					0.10	0.09	0.60	0.79		
SR12	21/9/2017	Mid-Ebb	Fine	Moderate	11:57	15	S	1	1	7.67	7.67	27.98	27.99	28.76	28.76	68.6	68.8	4.94	4.96	4.73	9.8	9.8	9.7	0.12	0.12	0.15	0.003	0.003	0.005	NA	NA	NA	NA	NA	NA
SR12	21/9/2017	Mid-Ebb	Fine	Moderate	11:57	15	S	1	2	7.67		27.99		28.76		68.9		4.98			9.7			0.12			0.003			NA	NA	NA	NA		
SR12	21/9/2017	Mid-Ebb	Fine	Moderate	11:57	15	S	1	3																					NA	NA	NA	NA		
SR12	21/9/2017	Mid-Ebb	Fine	Moderate	11:57	15	M	7.5	1	7.75	7.75	28.08	28.09	28.72	28.72	68.0	68.0	4.49	4.50		8.8	8.9		0.18	0.17		0.006	0.006		NA	NA	NA	NA	NA	NA
SR12	21/9/2017	Mid-Ebb	Fine	Moderate	11:57	15	M	7.5	2	7.75		28.09		28.72		67.9		4.50			8.9			0.17			0.006			NA	NA	NA	NA		
SR12	21/9/2017	Mid-Ebb	Fine	Moderate	11:57	15	M	7.5	3																					NA	NA	NA	NA		
SR12	21/9/2017	Mid-Ebb	Fine	Moderate	11:57	15	B	14	1	7.77	7.77	28.09	28.11	28.71	28.71	67.5	67.5	4.46	4.46		10.5	10.5		0.15	0.15		0.005	0.005		NA	NA	NA	NA	NA	
SR12	21/9/2017	Mid-Ebb	Fine	Moderate	11:57	15	B	14	2	7.77		28.12		28.71		67.4		4.45			10.4			0.14			0.005			NA	NA	NA	NA		
SR12	21/9/2017	Mid-Ebb	Fine	Moderate	11:57	15	B	14	3																					NA	NA	NA	NA		
SR13	21/9/2017	Mid-Ebb	Fine	Moderate	12:19	14	S	1	1	7.76	7.76	27.92	27.93	28.72	28.72	68.9	68.9	4.56	4.57	4.55	10.4	10.4	10.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	21/9/2017	Mid-Ebb	Fine	Moderate	12:19	14	S	1	2	7.76		27.94		28.72		68.8		4.57			10.3			NA			NA			NA	NA	NA	NA		
SR13	21/9/2017	Mid-Ebb	Fine	Moderate	12:19	14	S	1	3																					NA	NA	NA	NA		
SR13	21/9/2017	Mid-Ebb	Fine	Moderate	12:19	14	M	7	1	7.78	7.78	28.05	28.05	28.71	28.71	68.7	68.7	4.54	4.53		11.0	11.1		NA	NA		NA	NA		NA	NA	NA	NA	NA	NA
SR13	21/9/2017	Mid-Ebb	Fine	Moderate	12:19	14	M	7	2	7.78		28.05		28.71		68.6		4.52			11.1			NA			NA			NA	NA	NA	NA		
SR13	21/9/2017	Mid-Ebb	Fine	Moderate	12:19	14	M	7	3																					NA	NA	NA	NA		
SR13	21/9/2017	Mid-Ebb	Fine	Moderate	12:19	14	B	13	1	7.78	7.78	28.23	28.24	28.69	28.69	68.7	68.8	4.55	4.54		10.6	10.6		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	21/9/2017	Mid-Ebb	Fine	Moderate	12:19	14	B	13	2	7.78		28.25		28.69		68.8		4.53			10.5			NA			NA			NA	NA	NA	NA		
SR13	21/9/2017	Mid-Ebb	Fine	Moderate	12:19	14	B	13	3																					NA	NA	NA	NA		

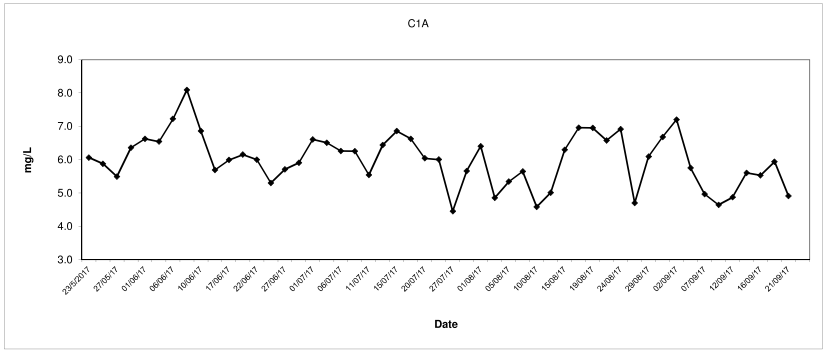
Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

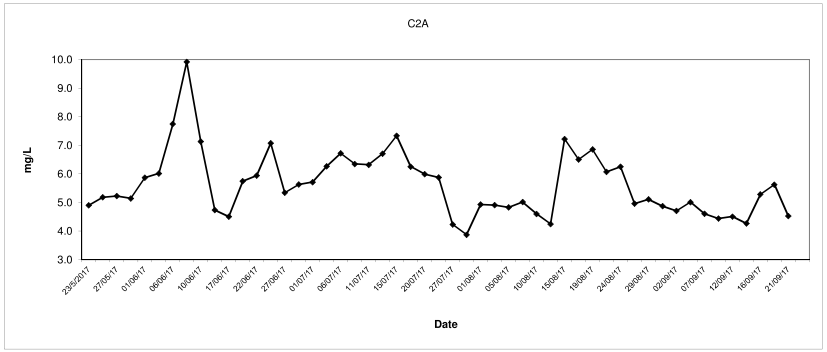
Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
C1A	21/9/2017	Mid-Ebb	Fine	Moderate	10:05	28	S	1	1	8			0.09			0.003			0.09	0.09	0.58	0.76			16			NA			<1		
C1A	21/9/2017	Mid-Ebb	Fine	Moderate	10:05	28	S	1	2	7	8		0.10	0.10		0.003	0.003		0.10	0.09	0.58	0.77	0.76		15	15		NA	NA		1	1	
C1A	21/9/2017	Mid-Ebb	Fine	Moderate	10:05	28	S	1	3										0.09	0.09	0.58	0.76											
C1A	21/9/2017	Mid-Ebb	Fine	Moderate	10:05	28	M	14	1	8			0.09			0.003			0.09	0.09	0.58	0.76			8			NA			1		
C1A	21/9/2017	Mid-Ebb	Fine	Moderate	10:05	28	M	14	2	7	8	8	0.09	0.09	0.10	0.003	0.003	0.003	0.09	0.09	0.59	0.77	0.76	0.78	9	8	11	NA	NA	NA	1	1	1
C1A	21/9/2017	Mid-Ebb	Fine	Moderate	10:05	28	M	14	3										0.08	0.09	0.58	0.75											
C1A	21/9/2017	Mid-Ebb	Fine	Moderate	10:05	28	B	27	1	7			0.10			0.004			0.10	0.09	0.62	0.81			11			NA			<1		
C1A	21/9/2017	Mid-Ebb	Fine	Moderate	10:05	28	B	27	2	8	8		0.12	0.11		0.004	0.004		0.12	0.09	0.62	0.83	0.82		8	9		NA	NA		<1	1	
C1A	21/9/2017	Mid-Ebb	Fine	Moderate	10:05	28	B	27	3										0.11	0.09	0.62	0.82											
C2A	21/9/2017	Mid-Ebb	Fine	Moderate	12:39	13	S	1	1	7			0.38			0.017			0.38	0.05	0.40	0.83			230			NA			<1		
C2A	21/9/2017	Mid-Ebb	Fine	Moderate	12:39	13	S	1	2	7	7		0.38	0.38		0.017	0.017		0.38	0.06	0.39	0.83	0.82		310	267		NA	NA		<1	1	
C2A	21/9/2017	Mid-Ebb	Fine	Moderate	12:39	13	S	1	3										0.36	0.06	0.39	0.81											
C2A	21/9/2017	Mid-Ebb	Fine	Moderate	12:39	13	M	6.5	1	8			0.35			0.015			0.35	0.06	0.38	0.79			780			NA			<1		
C2A	21/9/2017	Mid-Ebb	Fine	Moderate	12:39	13	M	6.5	2	8	8	8	0.40	0.38	0.36	0.017	0.016	0.015	0.40	0.06	0.39	0.85	0.83	0.82	560	661	431	NA	NA	NA	<1	1	1
C2A	21/9/2017	Mid-Ebb	Fine	Moderate	12:39	13	M	6.5	3										0.40	0.06	0.39	0.85											
C2A	21/9/2017	Mid-Ebb	Fine	Moderate	12:39	13	B	12	1	8			0.34			0.014			0.34	0.06	0.39	0.79			410			NA			1		
C2A	21/9/2017	Mid-Ebb	Fine	Moderate	12:39	13	B	12	2	7	8		0.33	0.34		0.013	0.013		0.33	0.05	0.40	0.78	0.79		500	453		NA	NA		1	1	
C2A	21/9/2017	Mid-Ebb	Fine	Moderate	12:39	13	B	12	3										0.36	0.05	0.40	0.81											
G2	21/9/2017	Mid-Ebb	Fine	Moderate	10:57	12	S	1	1	6			NA			NA			0.08	0.11	0.68	0.87			NA			NA			NA		
G2	21/9/2017	Mid-Ebb	Fine	Moderate	10:57	12	S	1	2	5	6		NA	NA		NA	NA		0.10	0.10	0.68	0.88	0.88		NA	NA		NA	NA		NA	NA	
G2	21/9/2017	Mid-Ebb	Fine	Moderate	10:57	12	S	1	3										0.11	0.11	0.67	0.89											
G2	21/9/2017	Mid-Ebb	Fine	Moderate	10:57	12	M	6	1	5			NA			NA			0.10	0.11	0.67	0.88			NA			NA			NA		
G2	21/9/2017	Mid-Ebb	Fine	Moderate	10:57	12	M	6	2	5	5	5	NA	NA	NA	NA	NA	NA	0.09	0.11	0.67	0.87	0.88	0.88	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	21/9/2017	Mid-Ebb	Fine	Moderate	10:57	12	M	6	3										0.12	0.11	0.67	0.90											
G2	21/9/2017	Mid-Ebb	Fine	Moderate	10:57	12	B	11	1	5			NA			NA			0.09	0.12	0.66	0.87			NA			NA			NA		
G2	21/9/2017	Mid-Ebb	Fine	Moderate	10:57	12	B	11	2	6	6		NA	NA		NA	NA		0.10	0.12	0.66	0.88	0.88		NA	NA		NA	NA		NA	NA	
G2	21/9/2017	Mid-Ebb	Fine	Moderate	10:57	12	B	11	3										0.11	0.12	0.66	0.89											
SR2	21/9/2017	Mid-Ebb	Fine	Moderate	10:48	9	S	1	1	8			0.11			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	21/9/2017	Mid-Ebb	Fine	Moderate	10:48	9	S	1	2	9	9		0.11	0.11		0.001	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	21/9/2017	Mid-Ebb	Fine	Moderate	10:48	9	S	1	3										NA	NA	NA	NA											
SR2	21/9/2017	Mid-Ebb	Fine	Moderate	10:48	9	M	4.5	1	8			0.10			0.003			NA	NA	NA	NA			NA			NA			NA		
SR2	21/9/2017	Mid-Ebb	Fine	Moderate	10:48	9	M	4.5	2	10	9	9	0.11	0.11	0.10	0.003	0.003	0.003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	21/9/2017	Mid-Ebb	Fine	Moderate	10:48	9	M	4.5	3										NA	NA	NA	NA											
SR2	21/9/2017	Mid-Ebb	Fine	Moderate	10:48	9	B	8	1	8			0.10			0.004			NA	NA	NA	NA			NA			NA			NA		
SR2	21/9/2017	Mid-Ebb	Fine	Moderate	10:48	9	B	8	2	8	8		0.08	0.09		0.003	0.003		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	21/9/2017	Mid-Ebb	Fine	Moderate	10:48	9	B	8	3										NA	NA	NA	NA											
SR3	21/9/2017	Mid-Ebb	Fine	Moderate	11:12	8	S	1	1	5			0.09			0.002			NA	NA	NA	NA			NA			NA			NA		
SR3	21/9/2017	Mid-Ebb	Fine	Moderate	11:12	8	S	1	2	5	5		0.11	0.10		0.002	0.002		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	21/9/2017	Mid-Ebb	Fine	Moderate	11:12	8	S	1	3										NA	NA	NA	NA											
SR3	21/9/2017	Mid-Ebb	Fine	Moderate	11:12	8	M	4	1	4			0.12			0.004			NA	NA	NA	NA			NA			NA			NA		
SR3	21/9/2017	Mid-Ebb	Fine	Moderate	11:12	8	M	4	2	4	4	6	0.13	0.13	0.12	0.004	0.004	0.003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	21/9/2017	Mid-Ebb	Fine	Moderate	11:12	8	M	4	3										NA	NA	NA	NA											
SR3	21/9/2017	Mid-Ebb	Fine	Moderate	11:12	8	B	7	1	8			0.12			0.004			NA	NA	NA	NA			NA			NA			NA		
SR3	21/9/2017	Mid-Ebb	Fine	Moderate	11:12	8	B	7	2	8	8		0.13	0.13		0.004	0.004		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	21/9/2017	Mid-Ebb	Fine	Moderate	11:12	8	B	7	3										NA	NA	NA	NA											

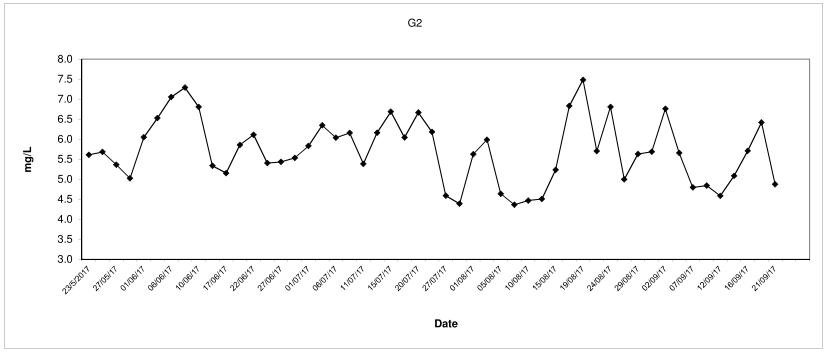
Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
SR4	21/9/2017	Mid-Ebb	Fine	Moderate	11:37	4	S	1	1	6	6	6	0.13	0.12	0.12	0.004	0.004	0.004	NA	NA	NA	NA	NA	NA	21	22	59	NA	NA	NA	<1	1	1
SR4	21/9/2017	Mid-Ebb	Fine	Moderate	11:37	4	S	1	2	5			0.11			0.003			NA	NA	NA	NA			24			NA			<1		
SR4	21/9/2017	Mid-Ebb	Fine	Moderate	11:37	4	S	1	3										NA	NA	NA	NA											
SR4	21/9/2017	Mid-Ebb	Fine	Moderate	11:37	4	M		1		NA			NA			NA		NA	NA	NA	NA	NA			NA		NA	NA				
SR4	21/9/2017	Mid-Ebb	Fine	Moderate	11:37	4	M		2										NA	NA	NA	NA											
SR4	21/9/2017	Mid-Ebb	Fine	Moderate	11:37	4	M		3										NA	NA	NA	NA											
SR4	21/9/2017	Mid-Ebb	Fine	Moderate	11:37	4	B	3	1	7	6		0.12	0.12		0.004	0.004		NA	NA	NA	NA	NA		150	155		NA	NA		1	1	
SR4	21/9/2017	Mid-Ebb	Fine	Moderate	11:37	4	B	3	2	5			0.12			0.004			NA	NA	NA	NA			160			NA			<1		
SR4	21/9/2017	Mid-Ebb	Fine	Moderate	11:37	4	B	3	3										NA	NA	NA	NA											
SR5	21/9/2017	Mid-Ebb	Fine	Moderate	10:30	11	S	1	1	3	4	6	NA	NA	NA	NA	NA	NA	0.11	0.08	0.58	0.77	0.79	0.79	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	21/9/2017	Mid-Ebb	Fine	Moderate	10:30	11	S	1	2	4			NA			NA			0.14	0.09	0.59	0.82			NA			NA			NA		
SR5	21/9/2017	Mid-Ebb	Fine	Moderate	10:30	11	S	1	3										0.11	0.09	0.59	0.79											
SR5	21/9/2017	Mid-Ebb	Fine	Moderate	10:30	11	M	5.5	1	6	6		NA	NA	NA	NA	NA	NA	0.11	0.09	0.59	0.79	0.80	0.79	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	21/9/2017	Mid-Ebb	Fine	Moderate	10:30	11	M	5.5	2	5			NA			NA			0.12	0.09	0.60	0.81			NA			NA			NA		
SR5	21/9/2017	Mid-Ebb	Fine	Moderate	10:30	11	M	5.5	3										0.11	0.09	0.60	0.80											
SR5	21/9/2017	Mid-Ebb	Fine	Moderate	10:30	11	B	10	1	8	9		NA	NA		NA	NA		0.09	0.09	0.59	0.77	0.79		NA	NA		NA	NA		NA	NA	
SR5	21/9/2017	Mid-Ebb	Fine	Moderate	10:30	11	B	10	2	9			NA			NA			0.09	0.09	0.60	0.78			NA			NA			NA		
SR5	21/9/2017	Mid-Ebb	Fine	Moderate	10:30	11	B	10	3										0.12	0.09	0.60	0.81											
SR12	21/9/2017	Mid-Ebb	Fine	Moderate	11:57	15	S	1	1	7	6	7	0.12	0.12	0.15	0.003	0.003	0.005	NA	NA	NA	NA	NA	NA	78	81	72	NA	NA	NA	<1	1	1
SR12	21/9/2017	Mid-Ebb	Fine	Moderate	11:57	15	S	1	2	5			0.12			0.003			NA	NA	NA	NA			84			NA			<1		
SR12	21/9/2017	Mid-Ebb	Fine	Moderate	11:57	15	S	1	3										NA	NA	NA	NA											
SR12	21/9/2017	Mid-Ebb	Fine	Moderate	11:57	15	M	7.5	1	7	7		0.18	0.18		0.006	0.006		NA	NA	NA	NA	NA		56	60		NA	NA		<1	1	
SR12	21/9/2017	Mid-Ebb	Fine	Moderate	11:57	15	M	7.5	2	6			0.17			0.006			NA	NA	NA	NA			64			NA			<1		
SR12	21/9/2017	Mid-Ebb	Fine	Moderate	11:57	15	M	7.5	3										NA	NA	NA	NA											
SR12	21/9/2017	Mid-Ebb	Fine	Moderate	11:57	15	B	14	1	7	7		0.15	0.15		0.005	0.005		NA	NA	NA	NA	NA		72	76		NA	NA		1	1	
SR12	21/9/2017	Mid-Ebb	Fine	Moderate	11:57	15	B	14	2	7			0.14			0.005			NA	NA	NA	NA			80			NA			1		
SR12	21/9/2017	Mid-Ebb	Fine	Moderate	11:57	15	B	14	3										NA	NA	NA	NA											
SR13	21/9/2017	Mid-Ebb	Fine	Moderate	12:19	14	S	1	1	5	6	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	21/9/2017	Mid-Ebb	Fine	Moderate	12:19	14	S	1	2	6			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	21/9/2017	Mid-Ebb	Fine	Moderate	12:19	14	S	1	3										NA	NA	NA	NA											
SR13	21/9/2017	Mid-Ebb	Fine	Moderate	12:19	14	M	7	1	6	7		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	21/9/2017	Mid-Ebb	Fine	Moderate	12:19	14	M	7	2	7			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	21/9/2017	Mid-Ebb	Fine	Moderate	12:19	14	M	7	3										NA	NA	NA	NA											
SR13	21/9/2017	Mid-Ebb	Fine	Moderate	12:19	14	B	13	1	6	6		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	21/9/2017	Mid-Ebb	Fine	Moderate	12:19	14	B	13	2	6			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	21/9/2017	Mid-Ebb	Fine	Moderate	12:19	14	B	13	3										NA	NA	NA	NA											

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1
1 in calculating the geometric mean.

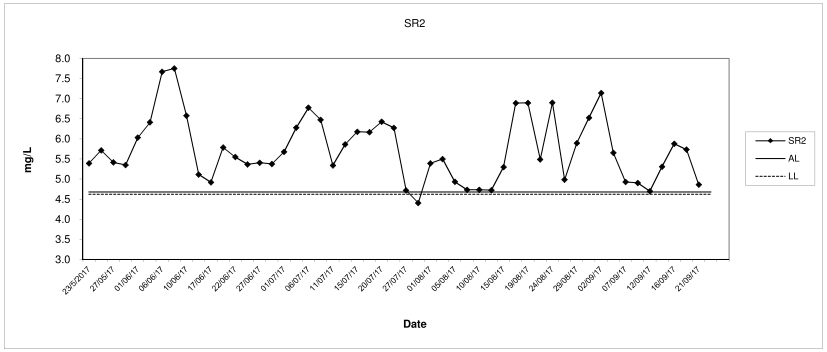
Dissolved Oxygen (Surface and Middle) at Mid-Flood Tide

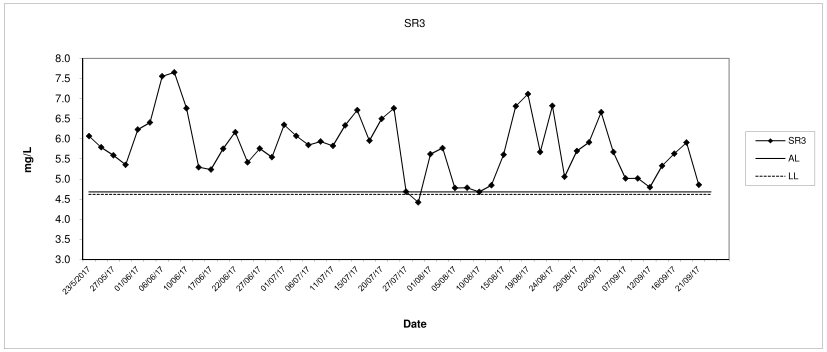


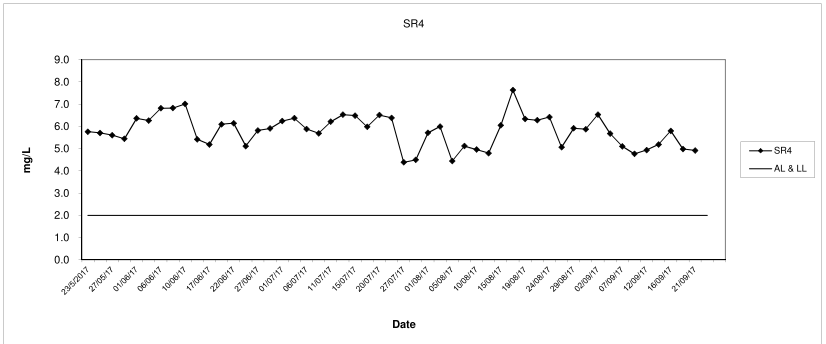




Dissolved Oxygen (Surface and Middle) at Mid-Flood Tide

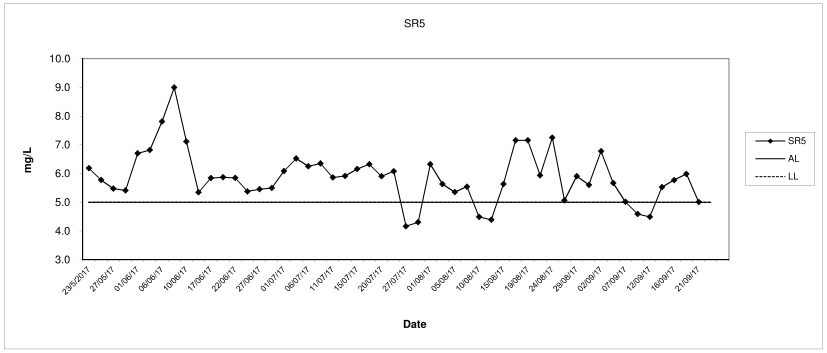


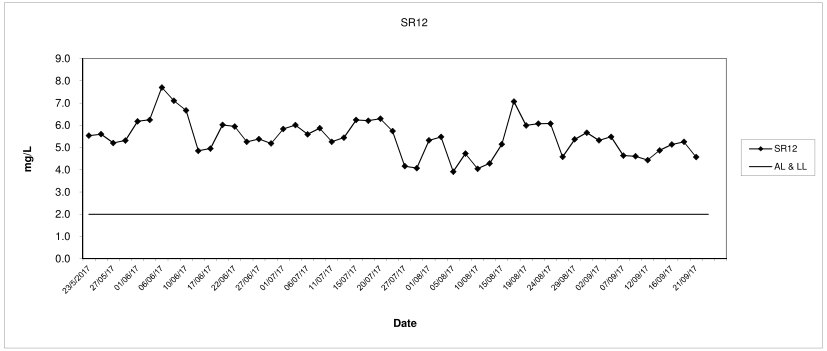


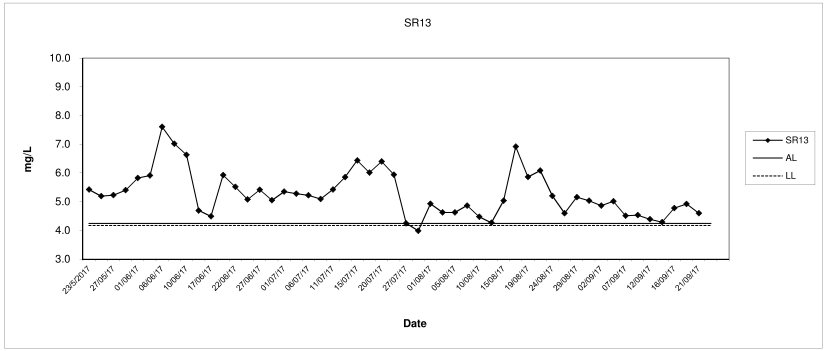


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

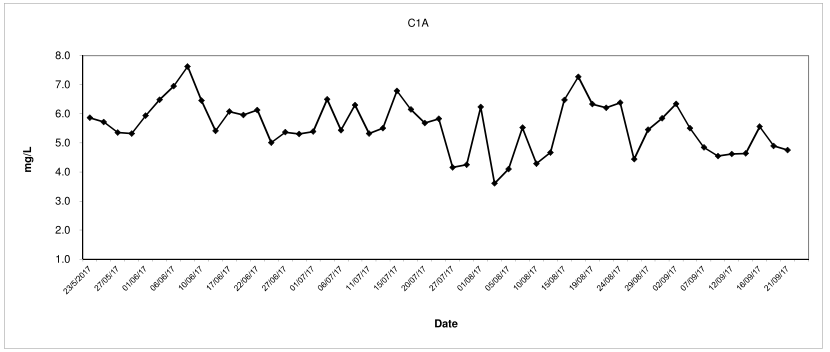
Dissolved Oxygen (Surface and Middle) at Mid-Flood Tide

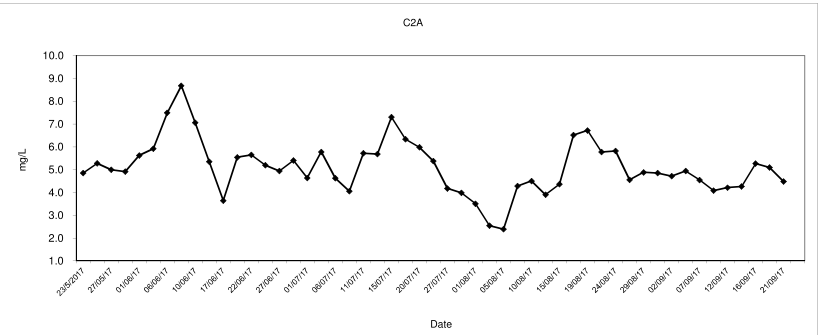


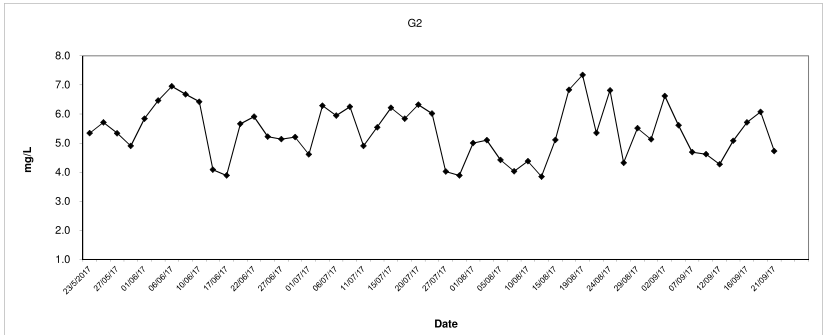




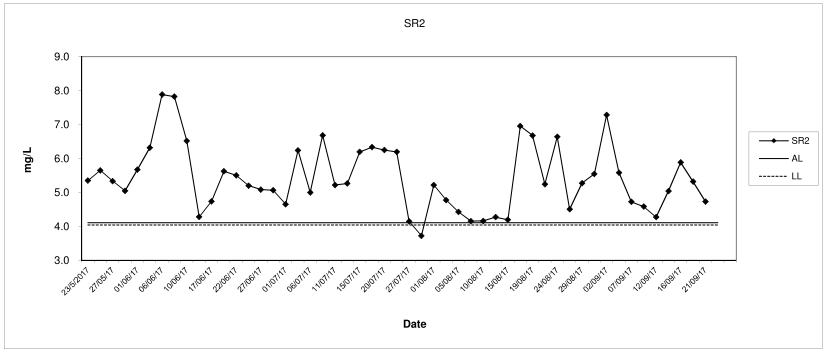
Dissolved Oxygen (Bottom) at Mid-Flood Tide

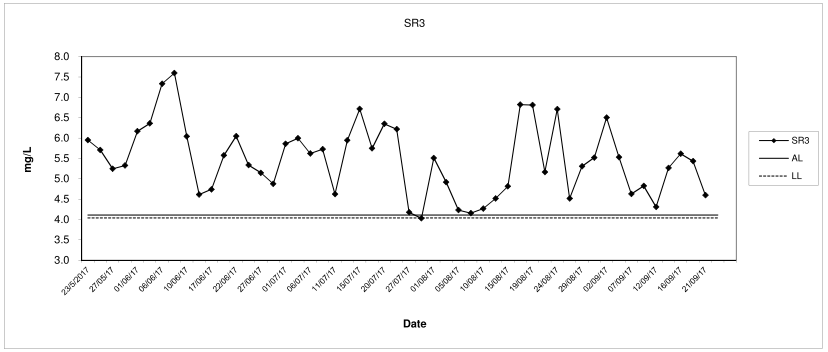


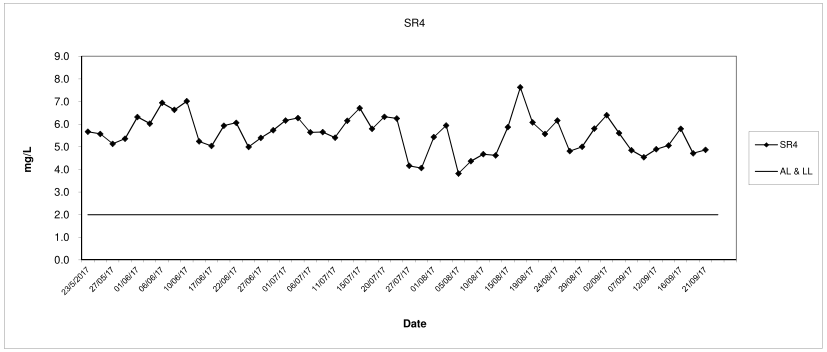




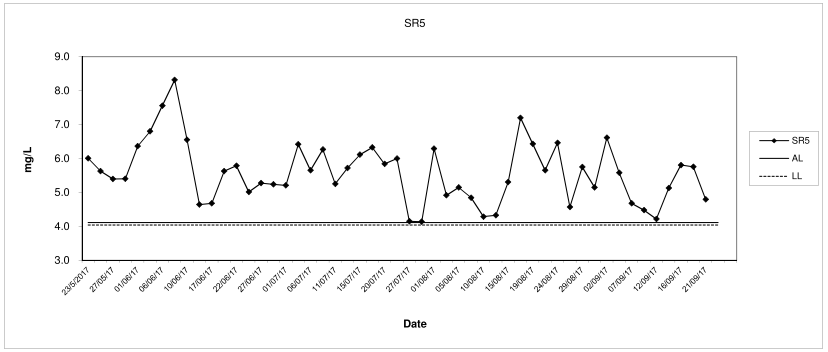
Dissolved Oxygen (Bottom) at Mid-Flood Tide

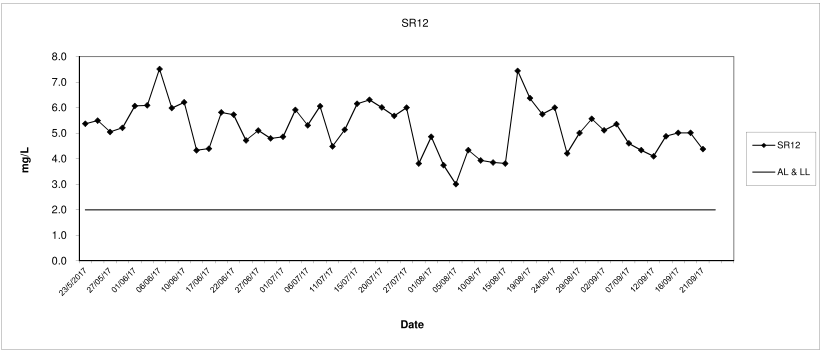


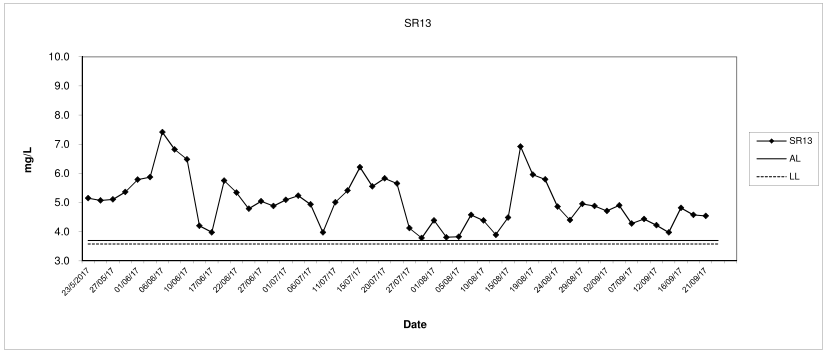




Dissolved Oxygen (Bottom) at Mid-Flood Tide

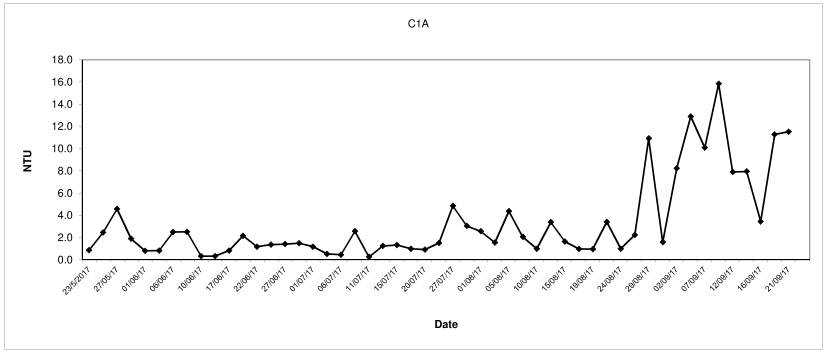


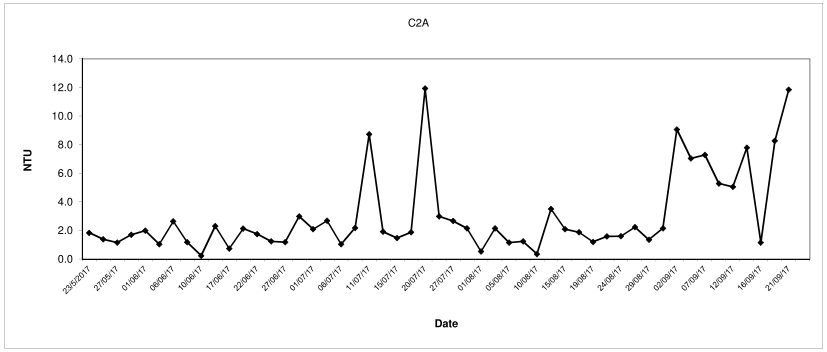


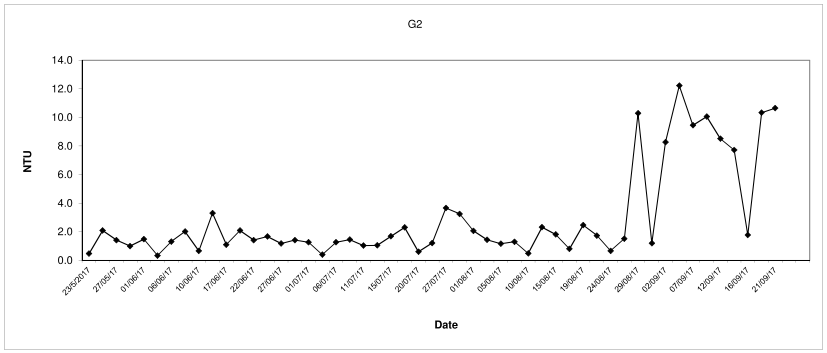


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

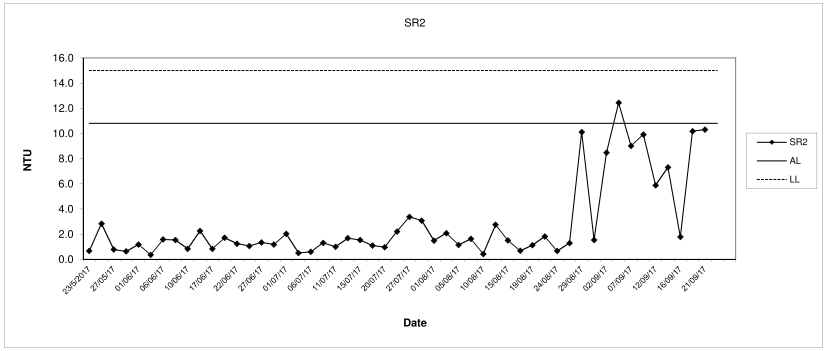
Turbidity (Depth average) at Mid-Flood Tide

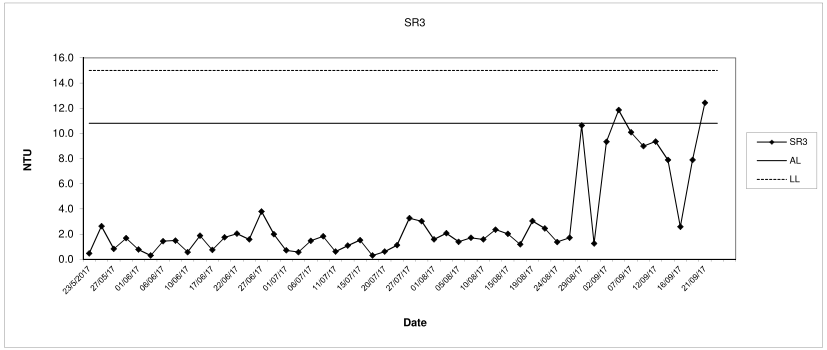


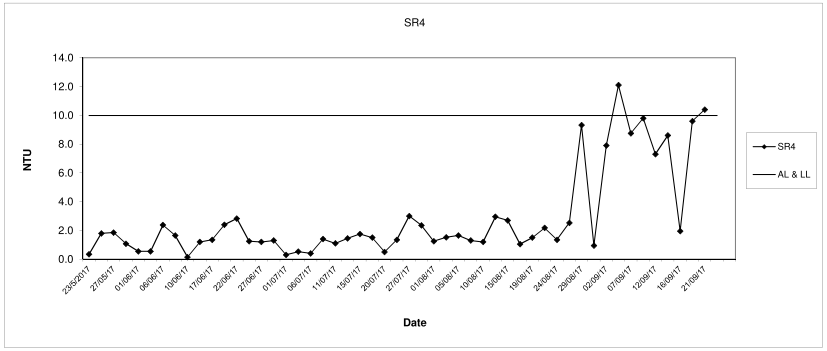




Turbidity (Depth average) at Mid-Flood Tide

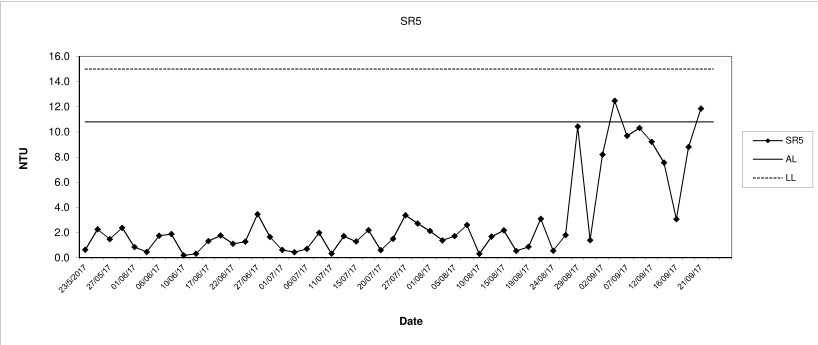


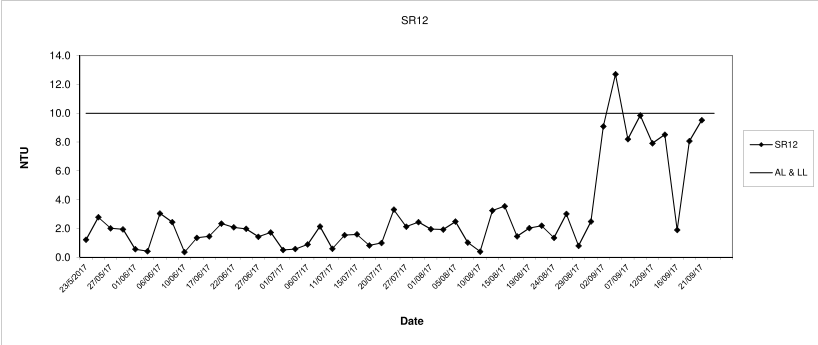


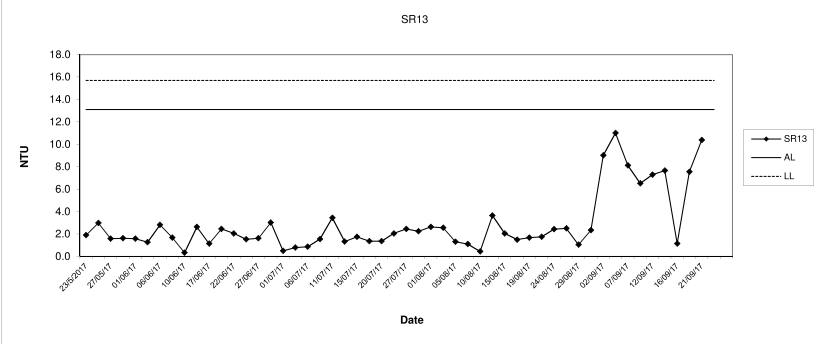


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

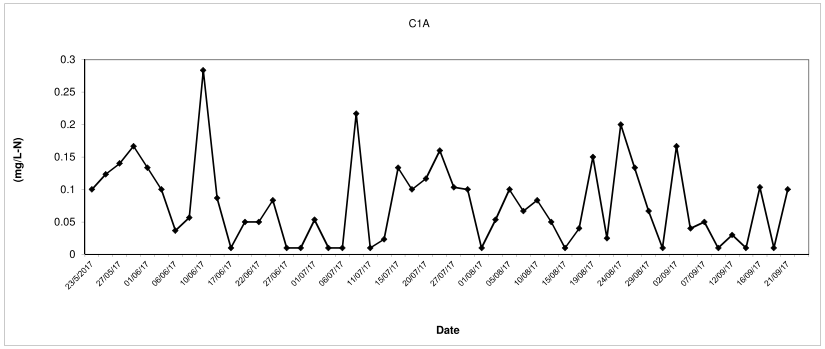
Turbidity (Depth average) at Mid-Flood Tide

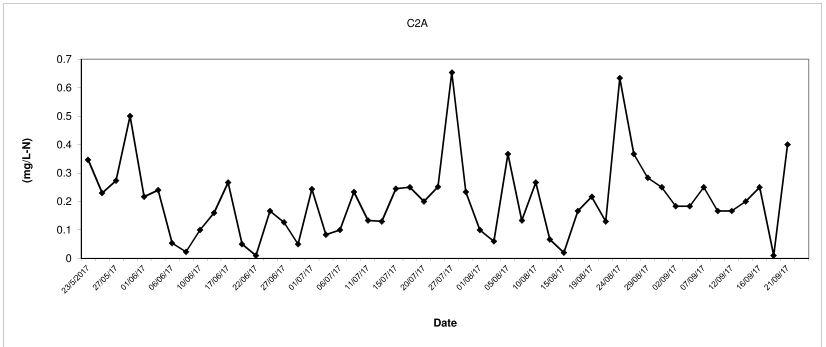


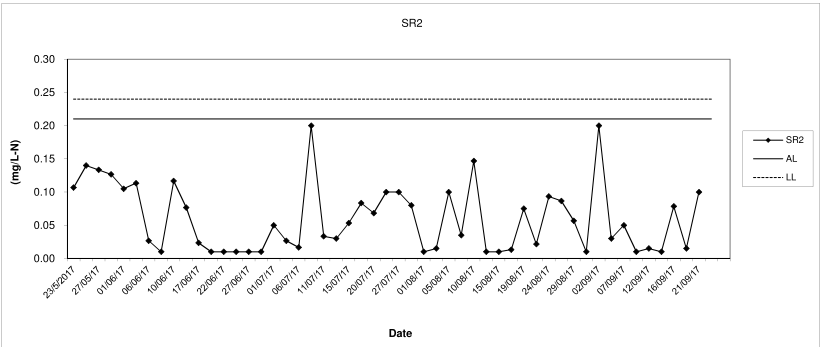




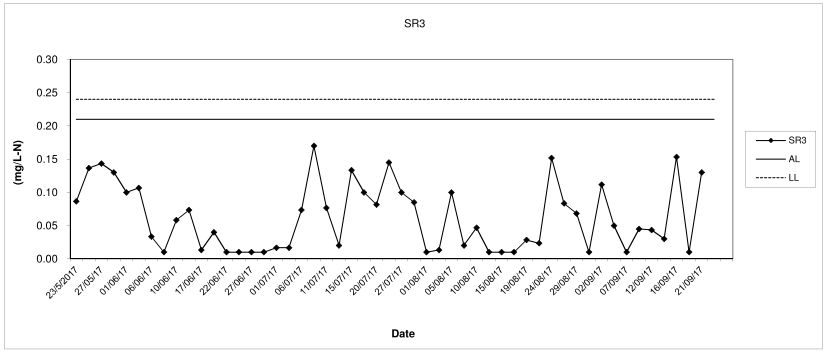
In-situ Ammonia (Depth average) at Mid-Flood Tide

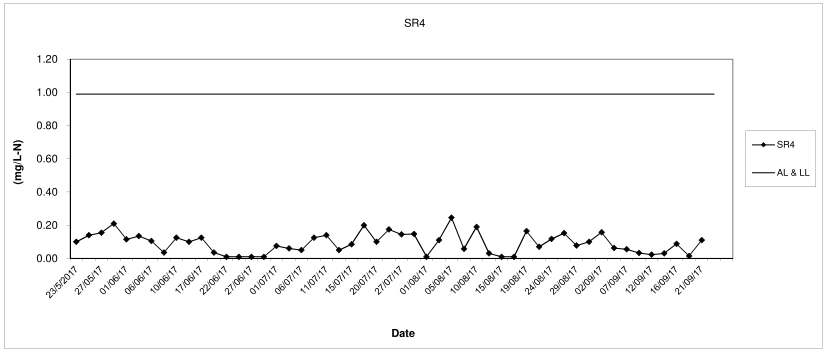


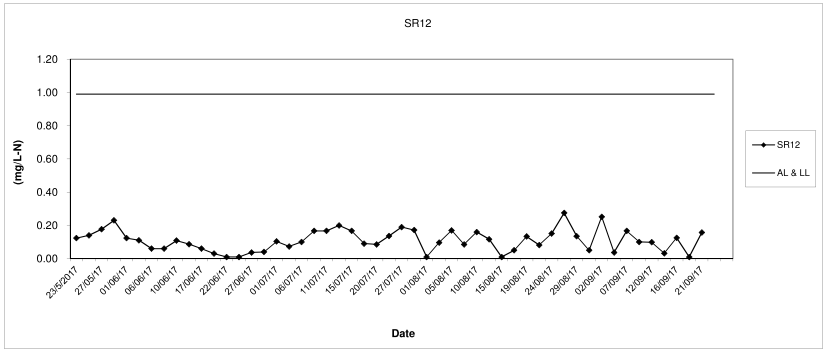




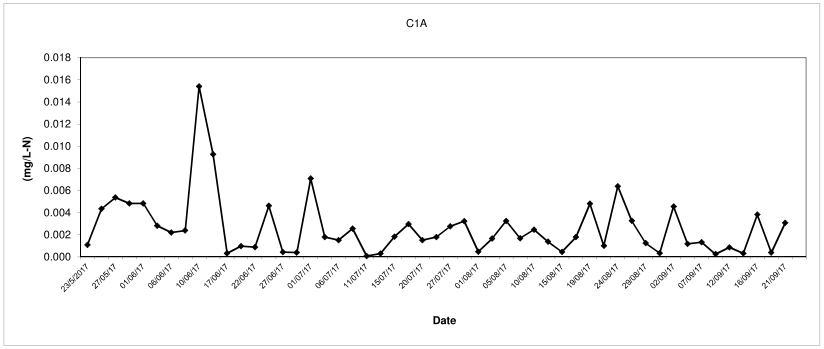
In-situ Ammonia (Depth average) at Mid-Flood Tide

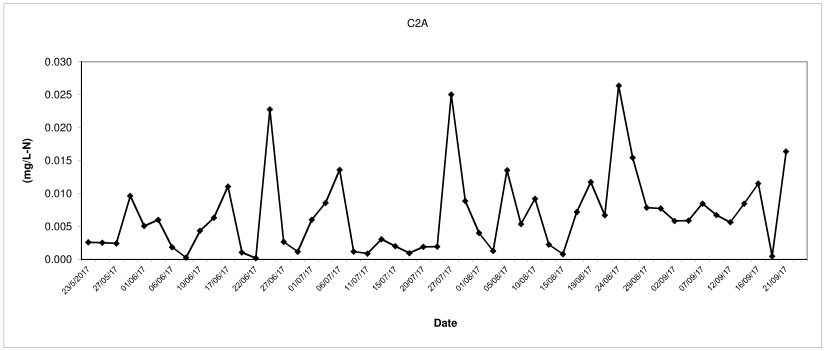


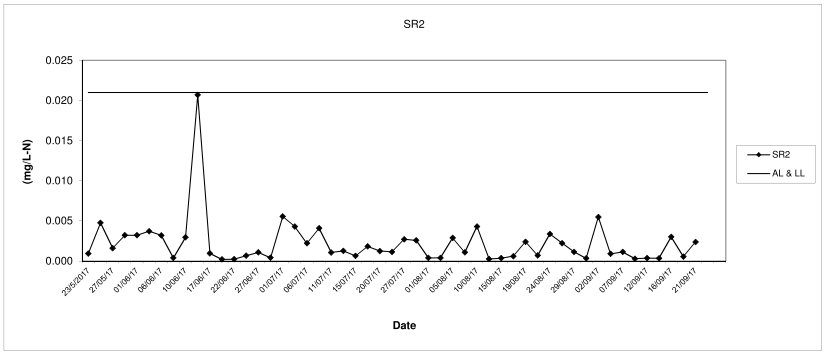




In-situ UIA (Depth average) at Mid-Flood Tide

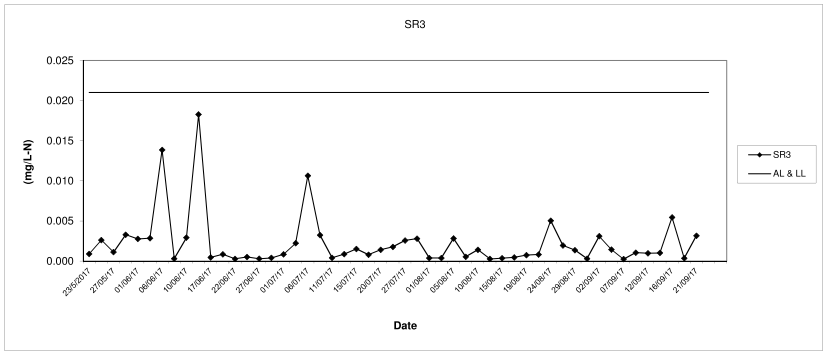


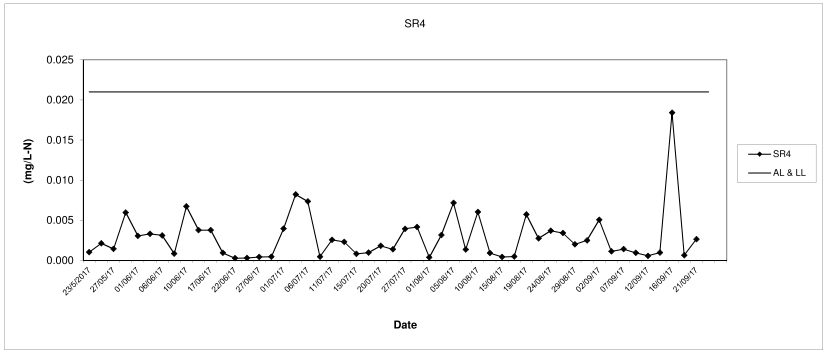


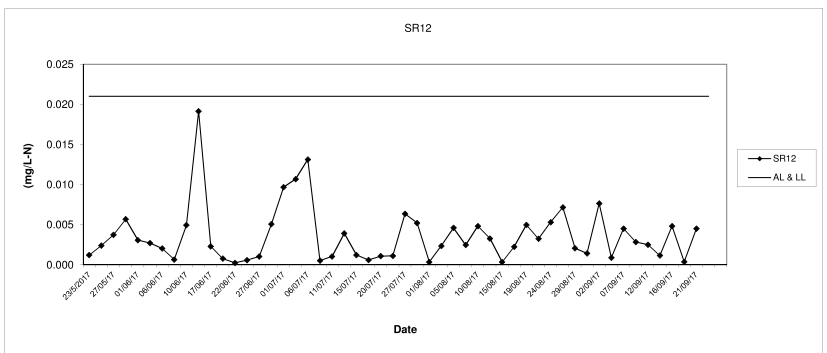


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

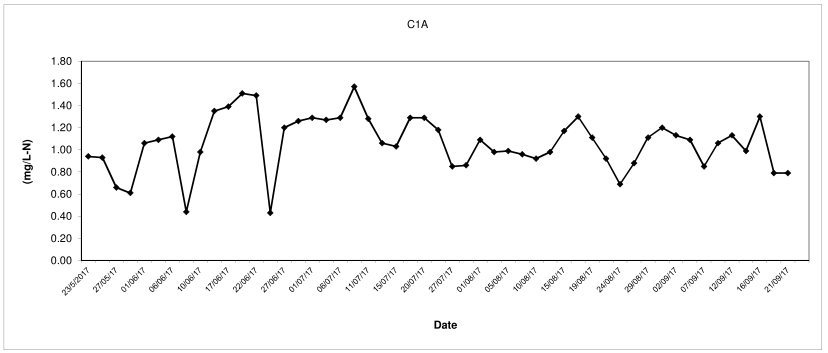
In-situ UIA (Depth average) at Mid-Flood Tide

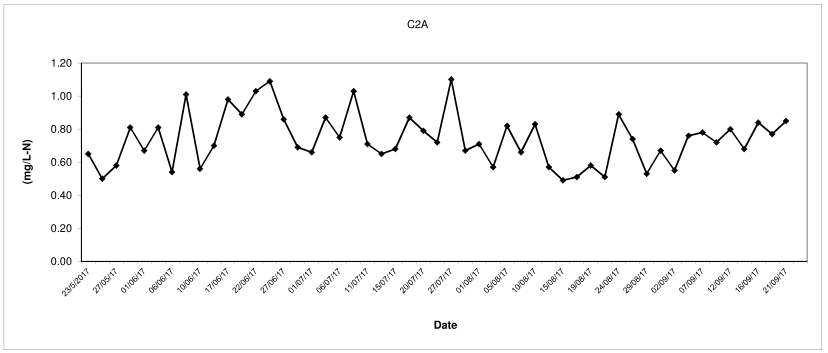


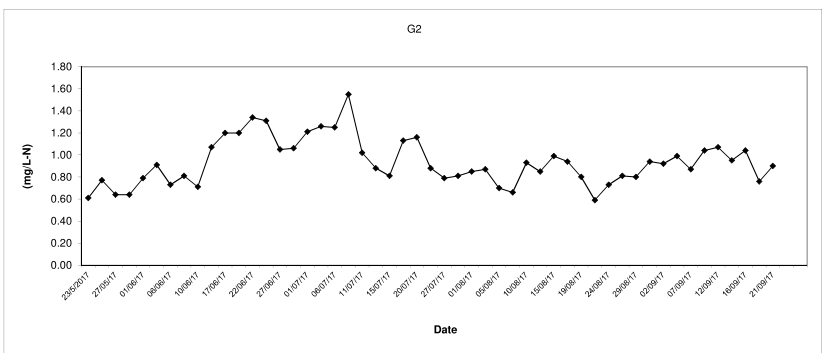




In-situ TIN (Depth average) at Mid-Flood Tide

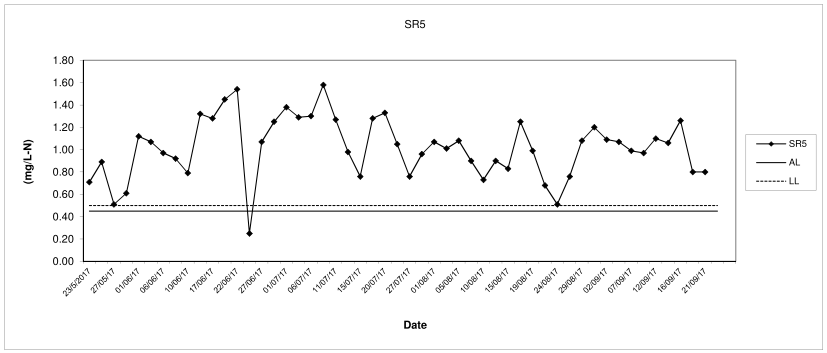




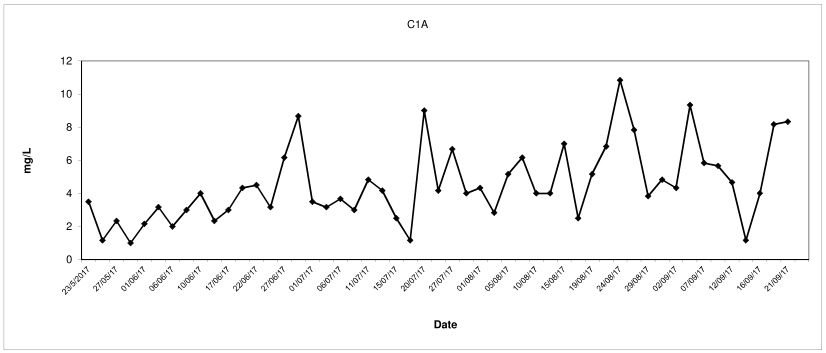


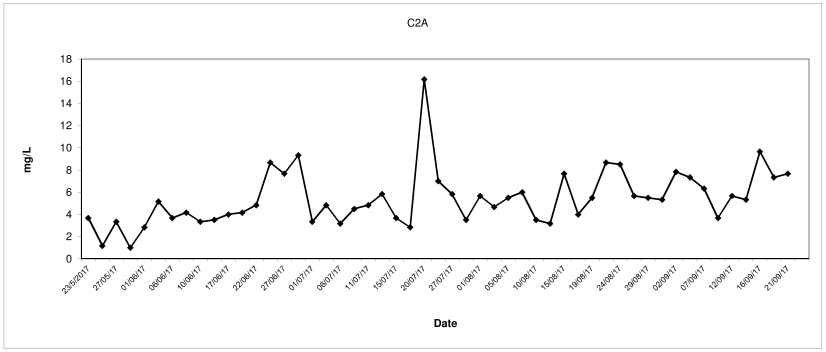
Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

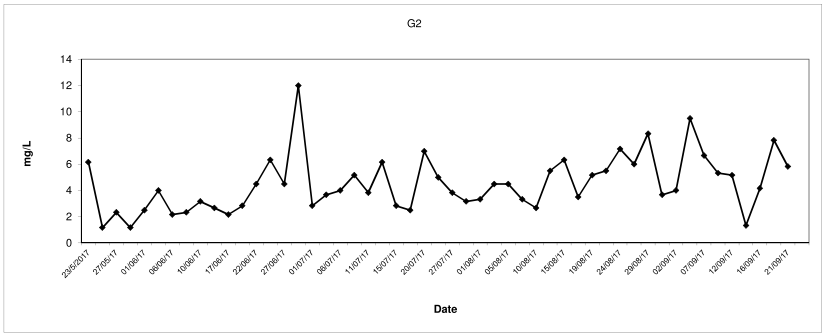
In-situ TIN (Depth average) at Mid-Flood Tide



Total Suspended Solids (Depth average) at Mid-Flood Tide

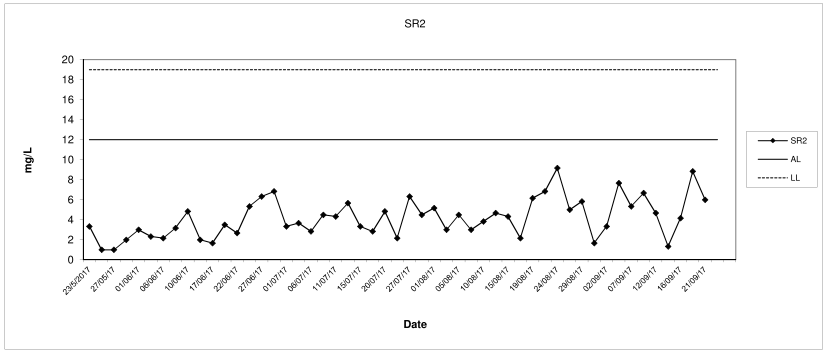


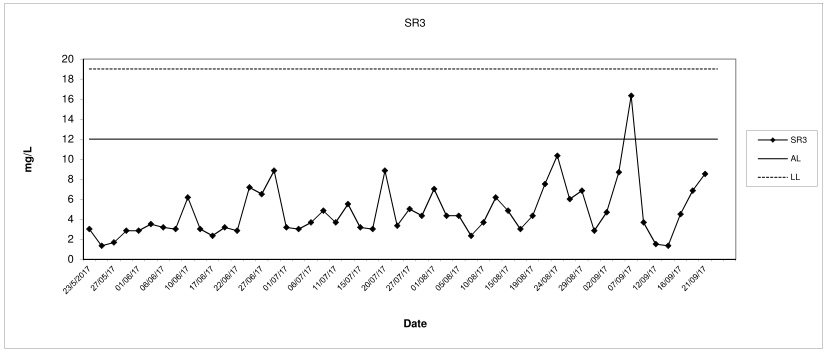


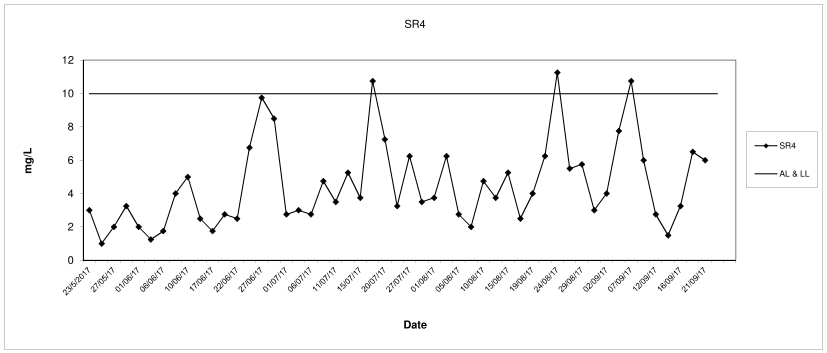


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

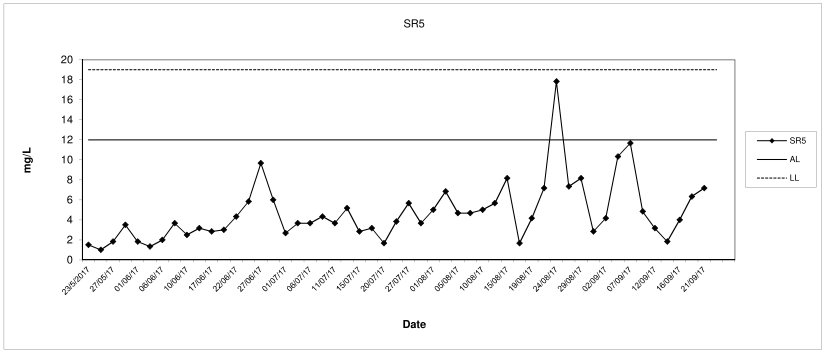
Total Suspended Solids (Depth average) at Mid-Flood Tide

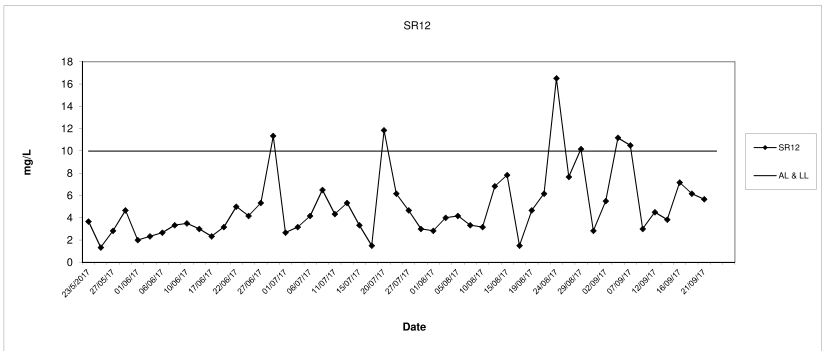


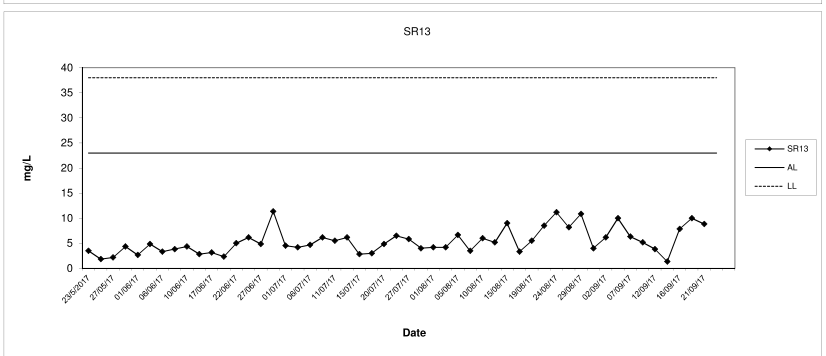




Total Suspended Solids (Depth average) at Mid-Flood Tide

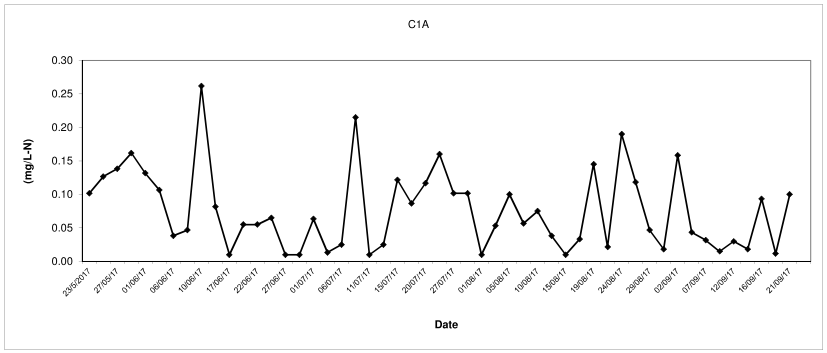


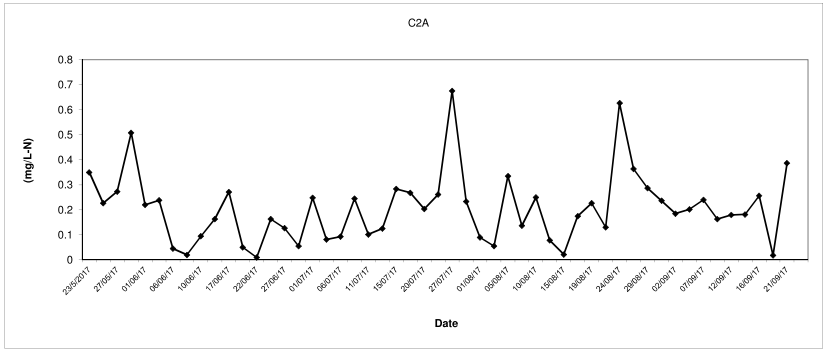


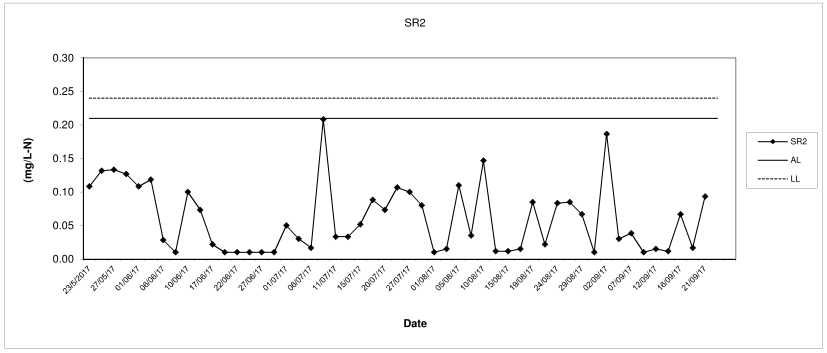


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

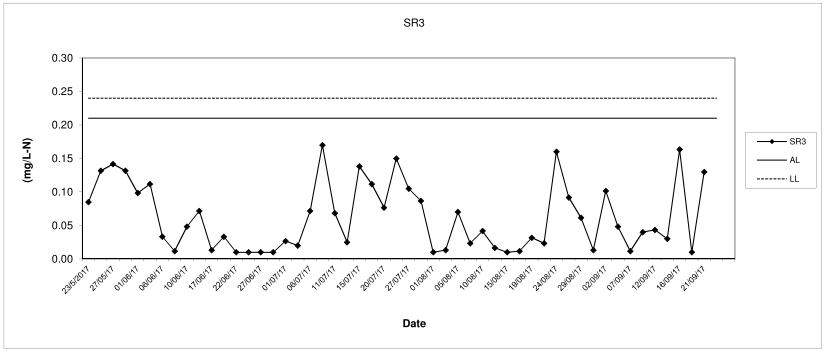
Ammonia Nitrogen (Depth average) at Mid-Flood Tide

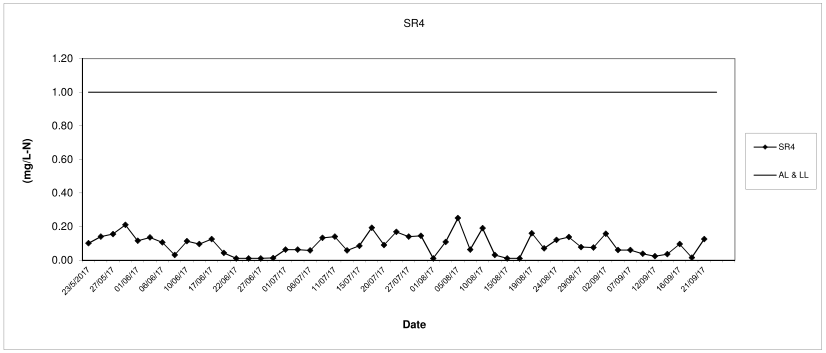


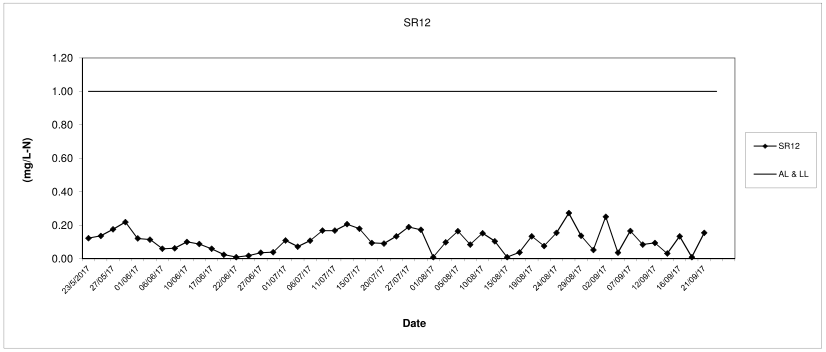




Ammonia Nitrogen (Depth average) at Mid-Flood Tide

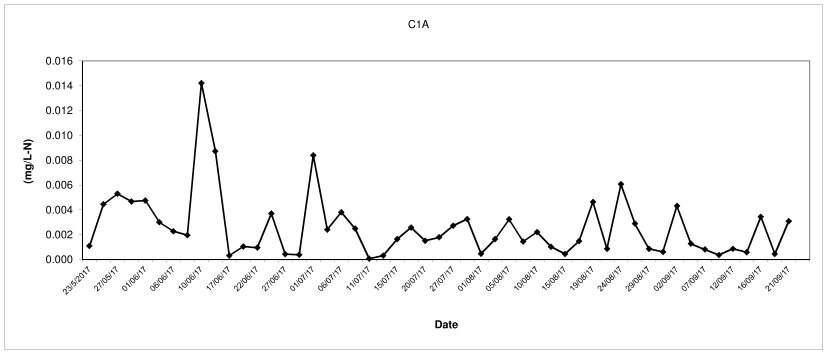


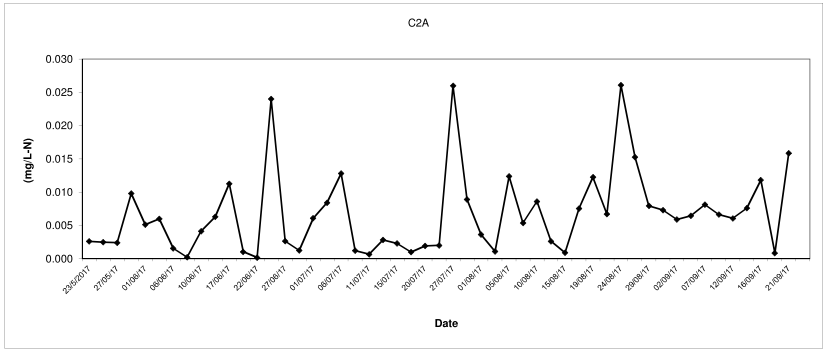


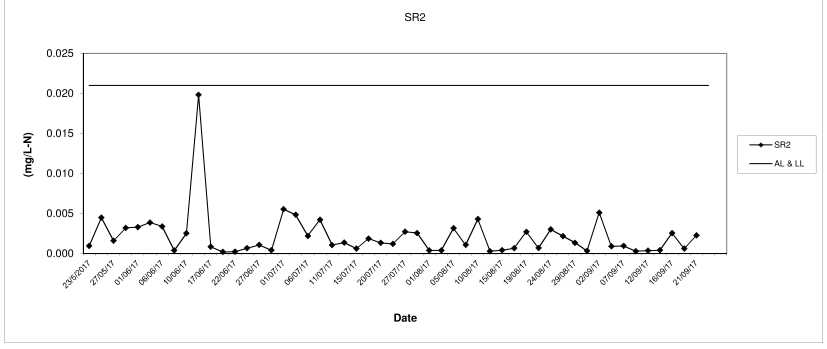


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

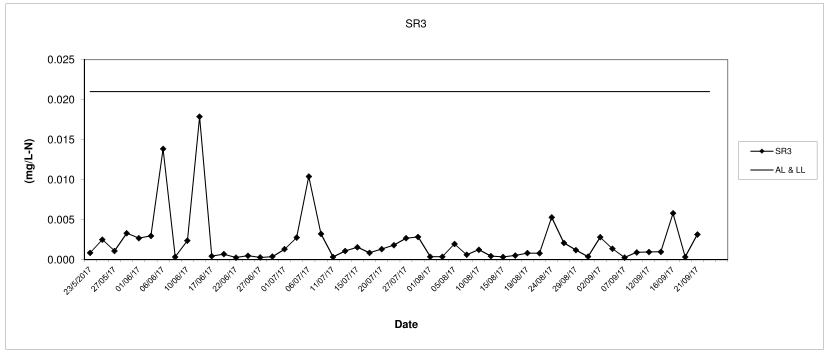
Laboratory Analysis UIA (Depth average) at Mid-Flood Tide

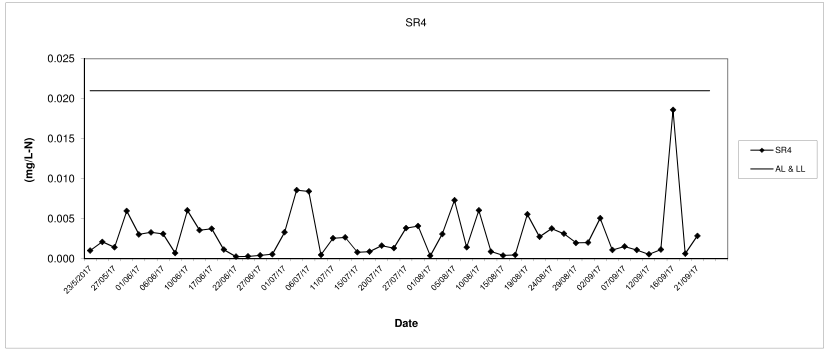


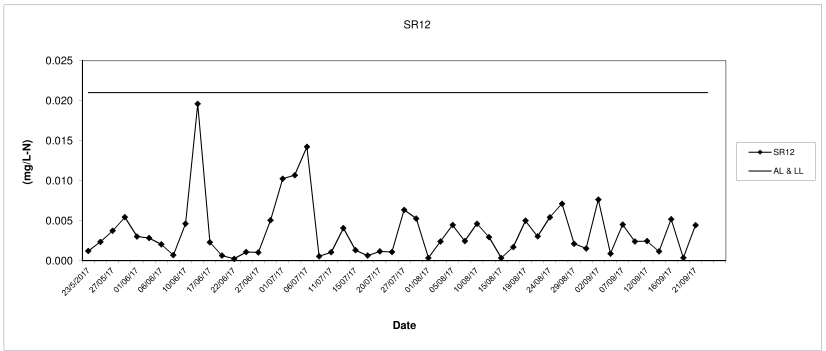




Laboratory Analysis UIA (Depth average) at Mid-Flood Tide

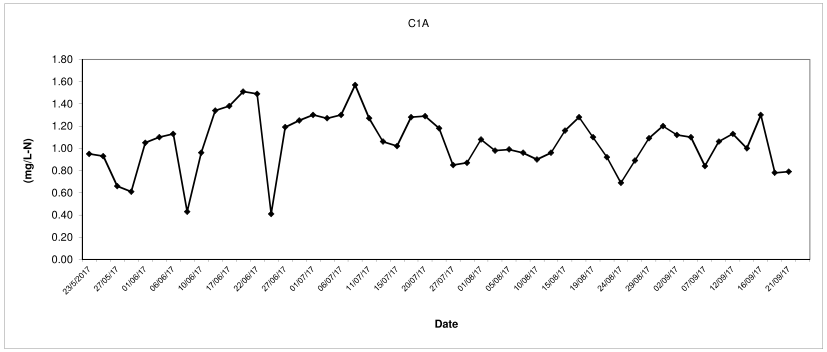


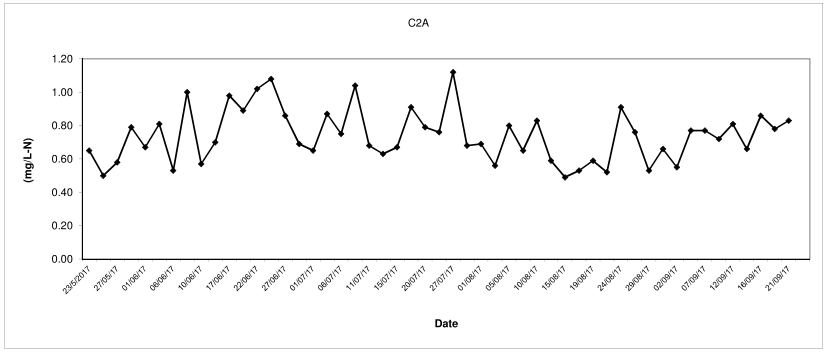


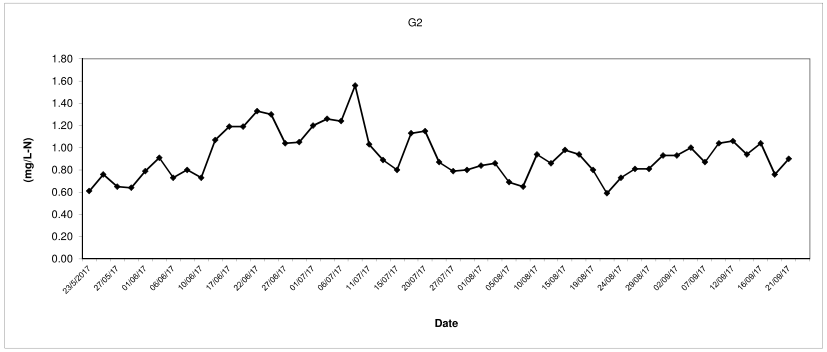


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

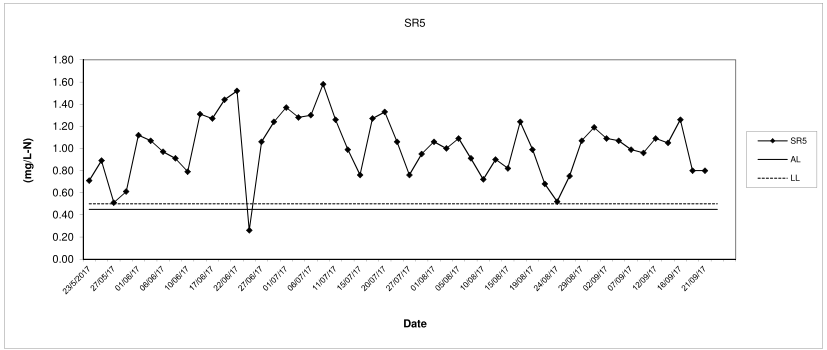
Laboratory Analysis TIN (Depth average) at Mid-Flood Tide





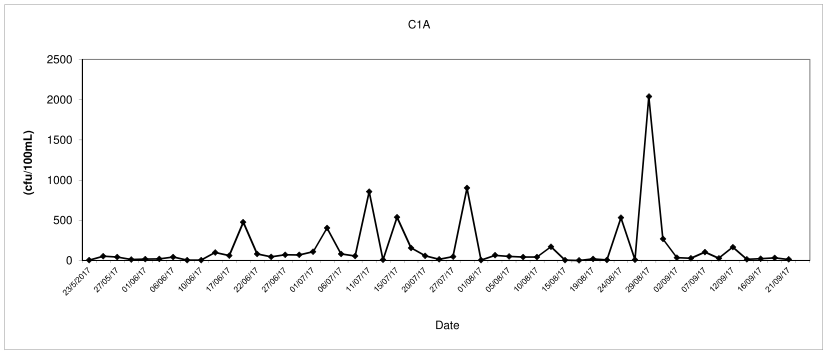


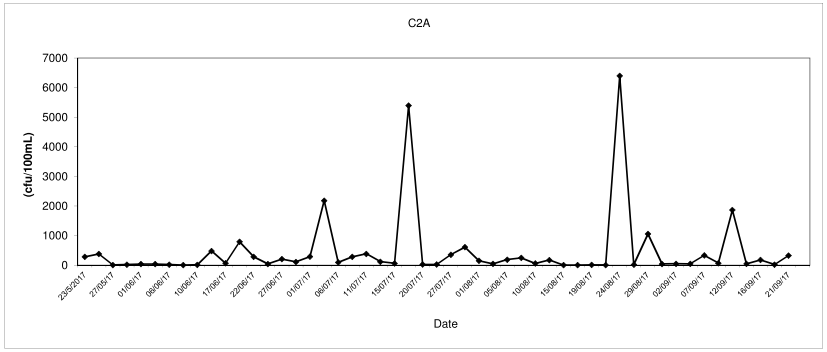
Laboratory Analysis TIN (Depth average) at Mid-Flood Tide

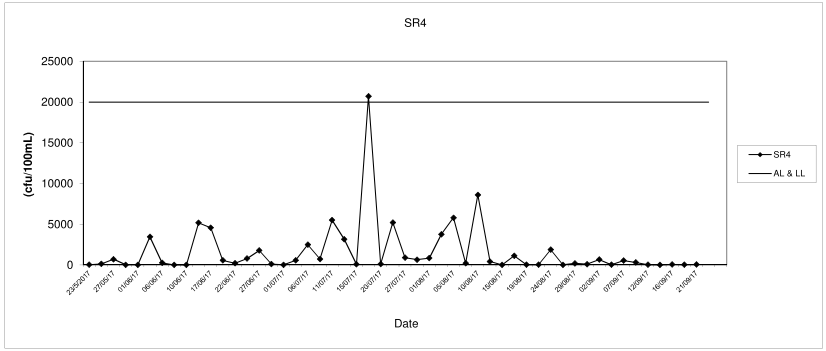


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

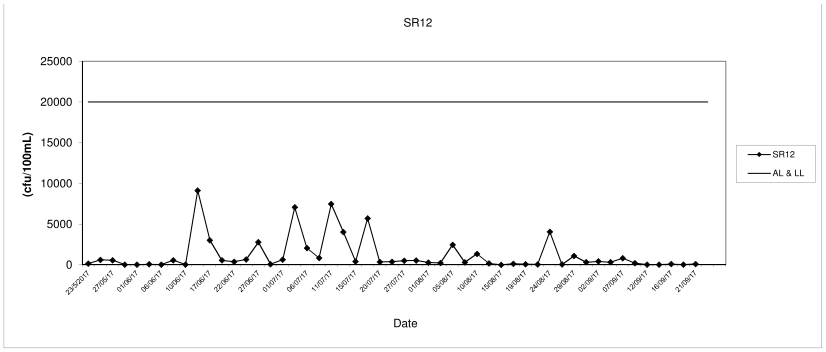
E.coli (Depth average) at Mid-Flood Tide





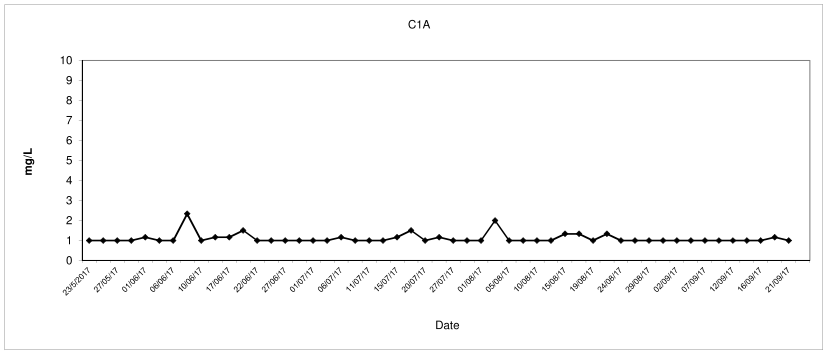


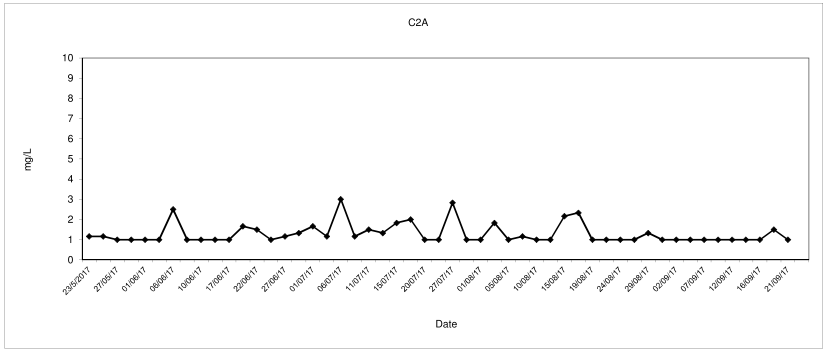
E.coli (Depth average) at Mid-Flood Tide

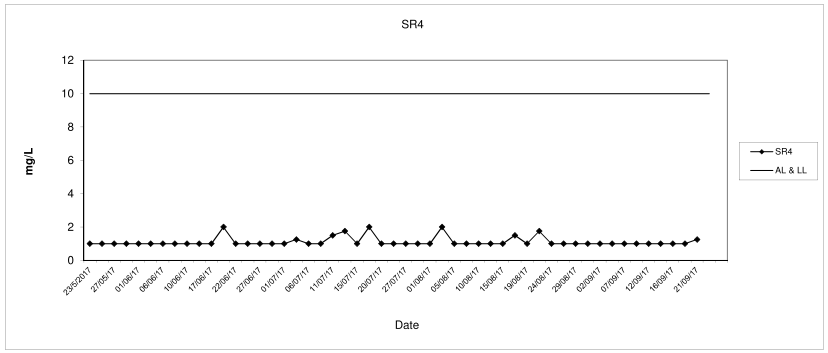


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

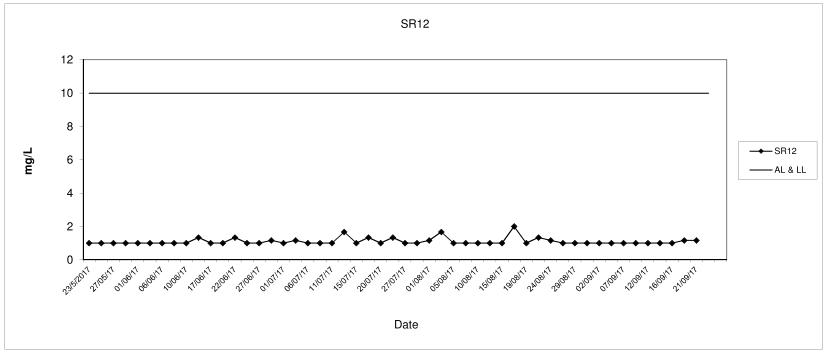
BOD_5 (Depth average) at Mid-Flood Tide





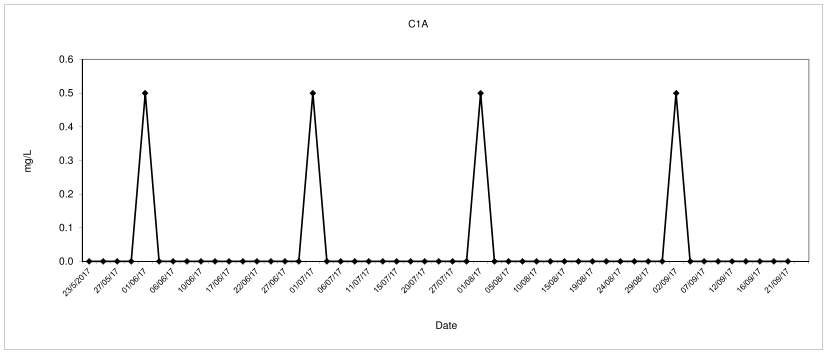


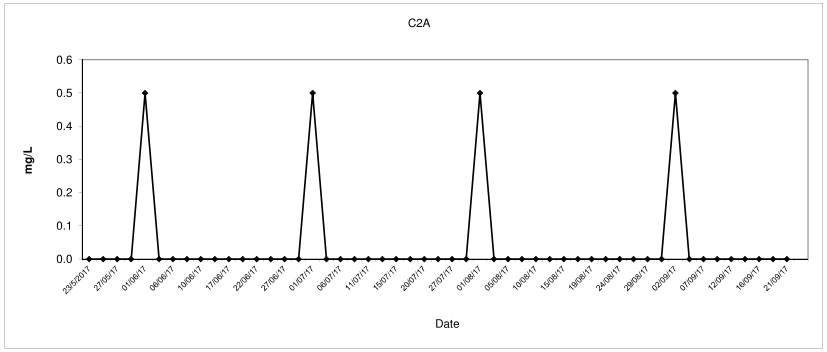
BOD_5 (Depth average) at Mid-Flood Tide

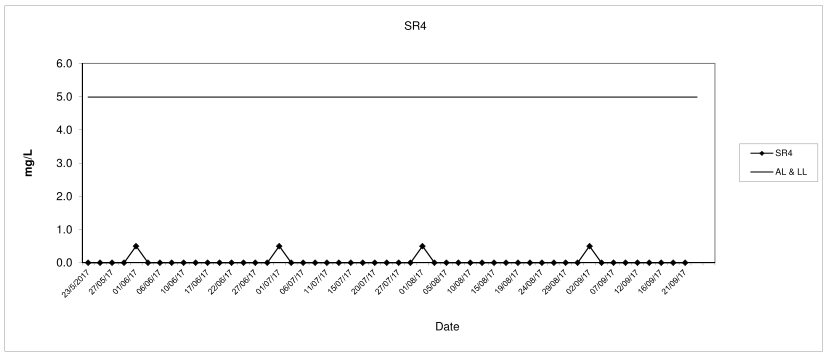


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

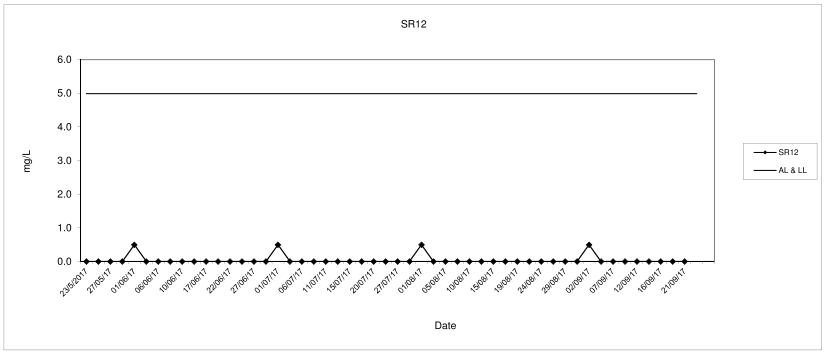
Synthetic Detergent (Depth average) at Mid-Flood Tide





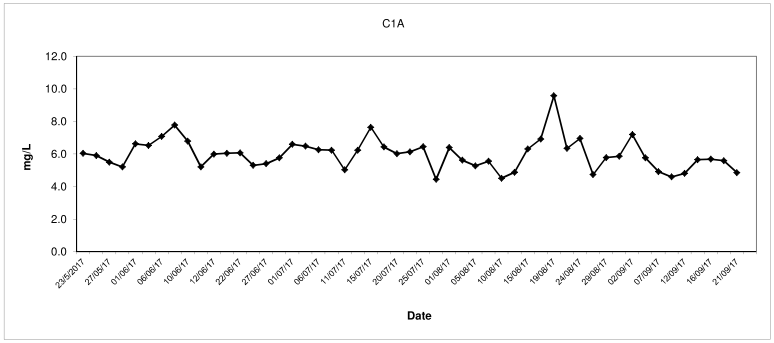


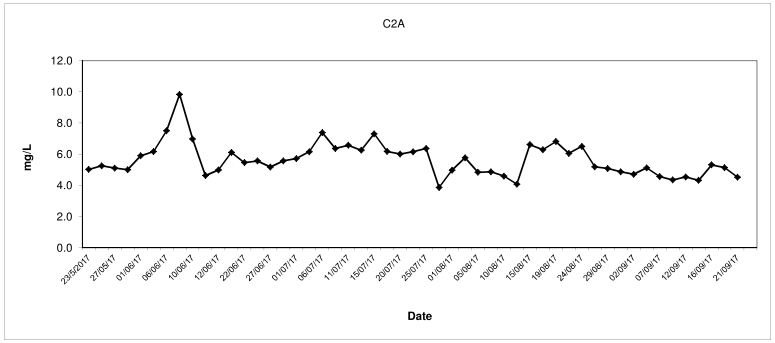
Synthetic Detergent (Depth average) at Mid-Flood Tide

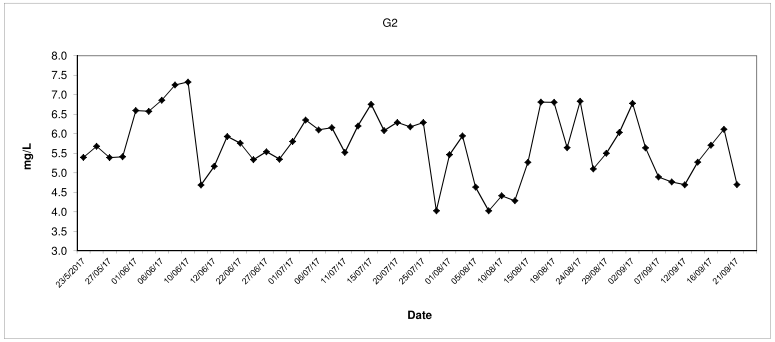


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

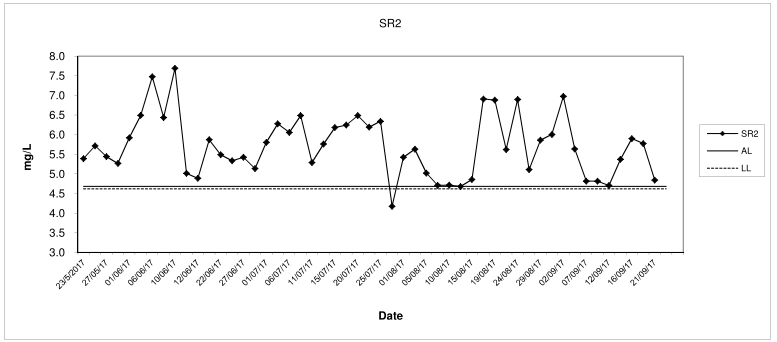
Dissolved Oxygen (Surface and Middle) at Mid-Ebb Tide

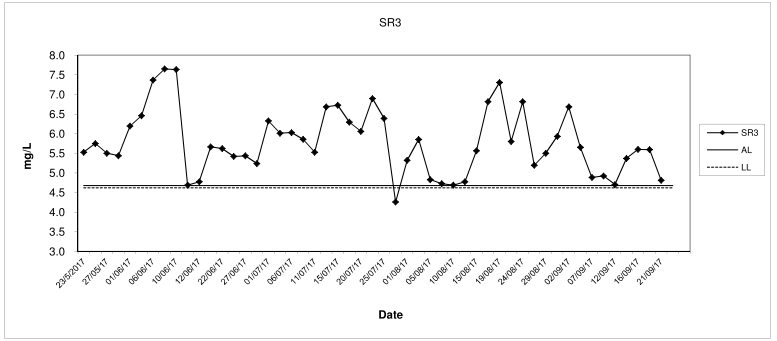


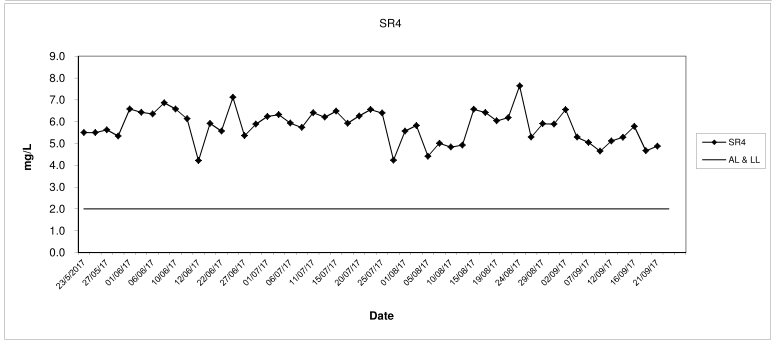




Dissolved Oxygen (Surface and Middle) at Mid-Ebb Tide

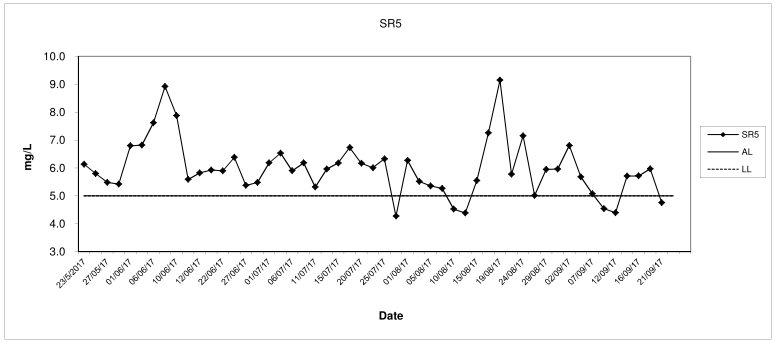


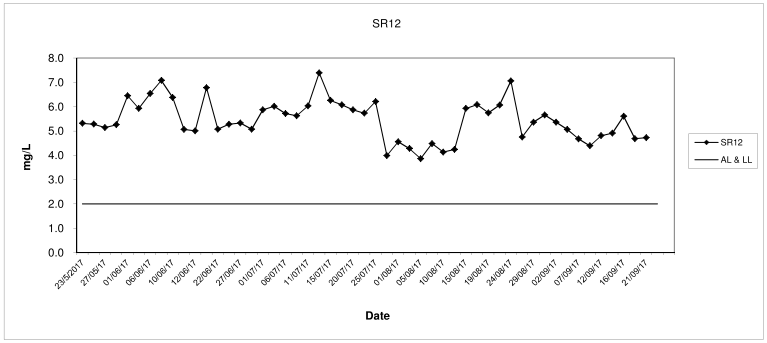


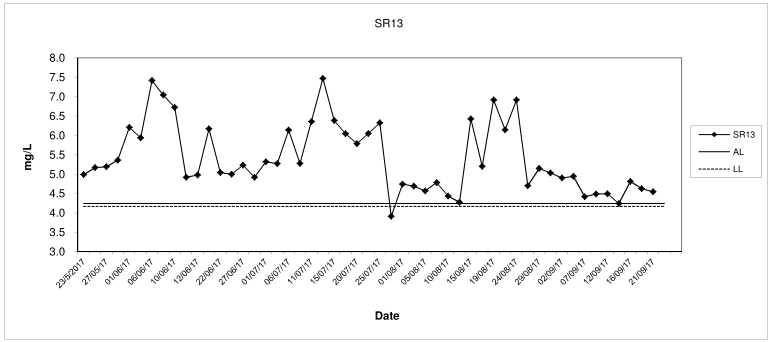


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

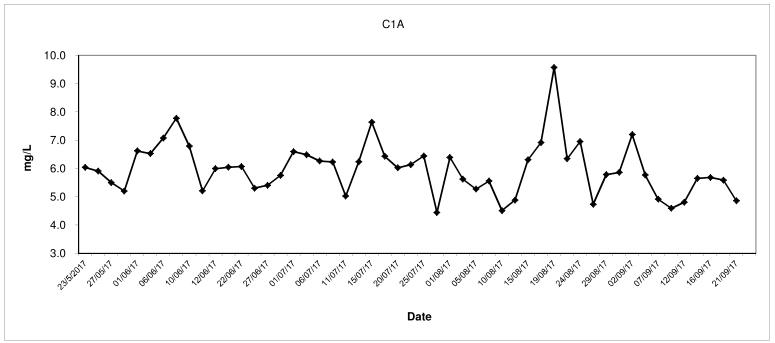
Dissolved Oxygen (Surface and Middle) at Mid-Ebb Tide

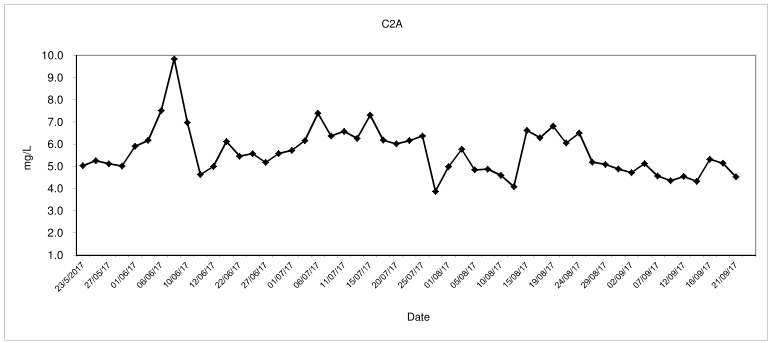


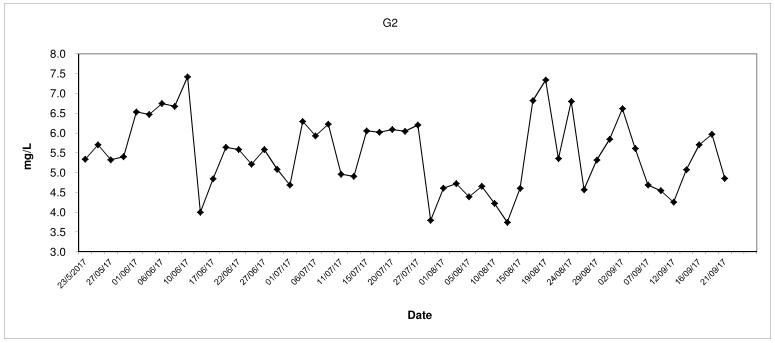




Dissolved Oxygen (Bottom) at Mid-Ebb Tide

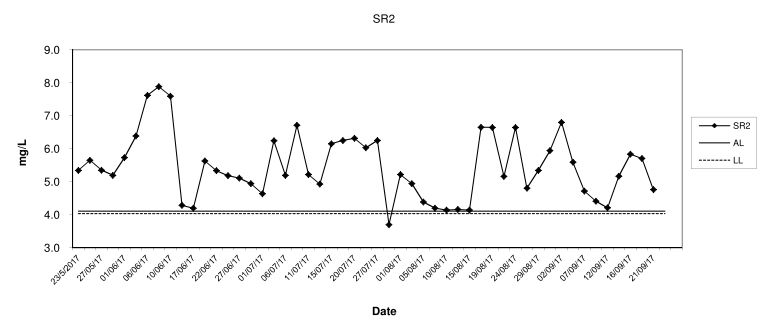


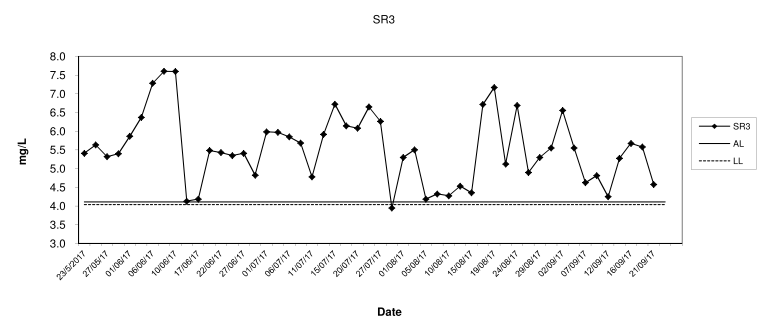


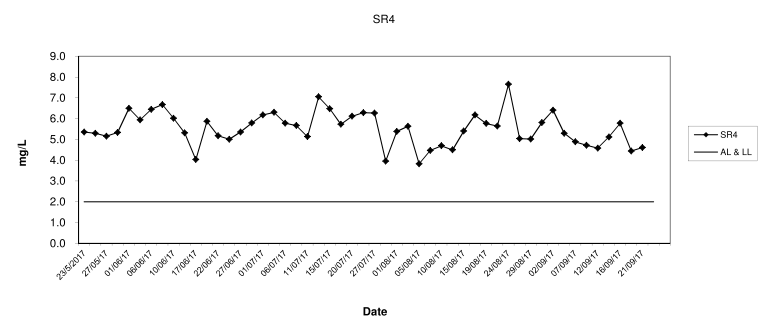


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

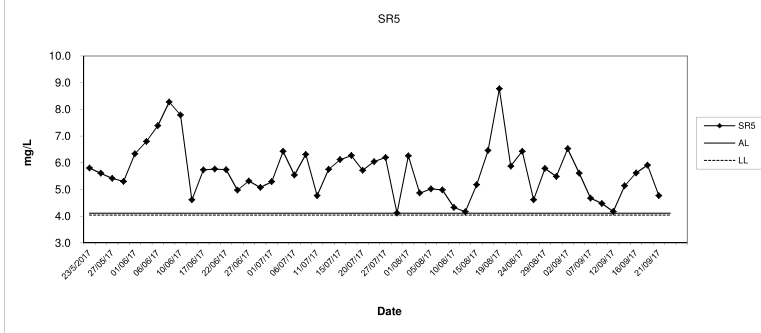
Dissolved Oxygen (Bottom) at Mid-Ebb Tide

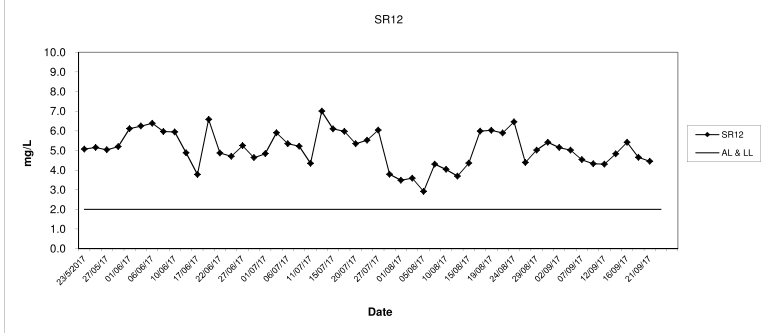


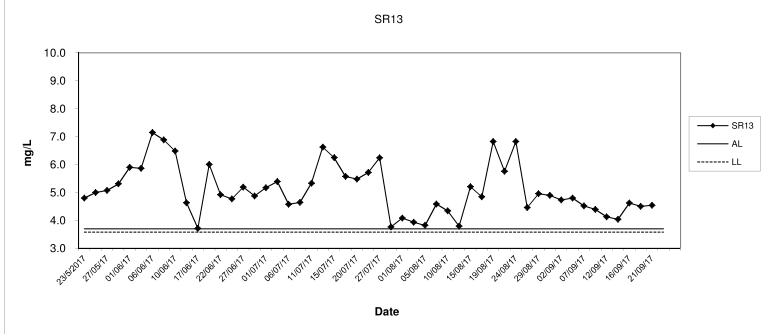




Dissolved Oxygen (Bottom) at Mid-Ebb Tide

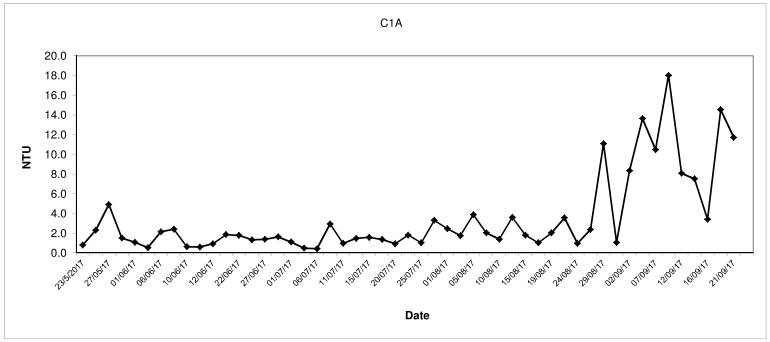


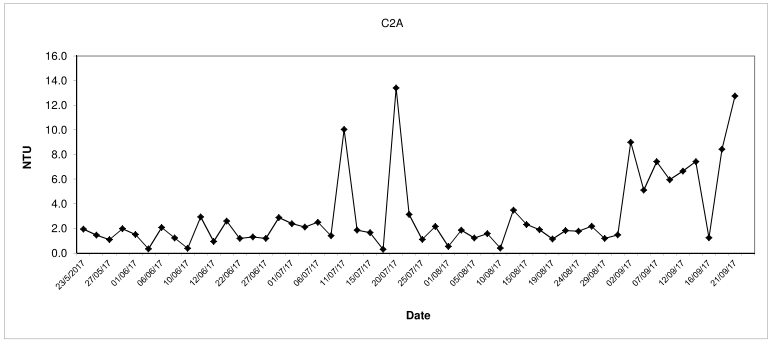


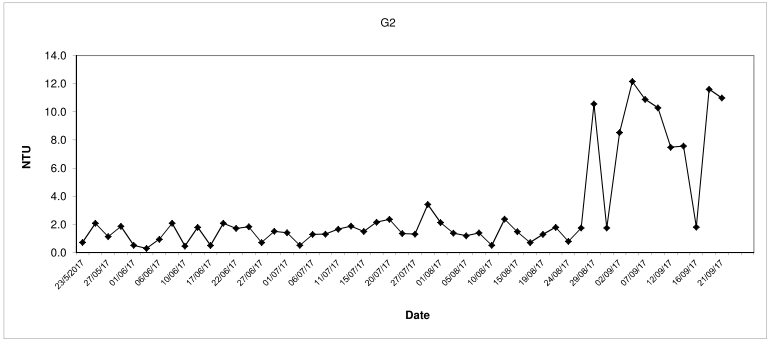


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

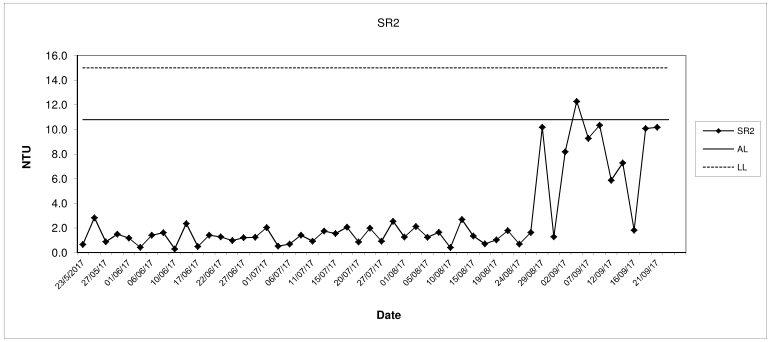
Turbidity (Depth average) at Mid-Ebb Tide

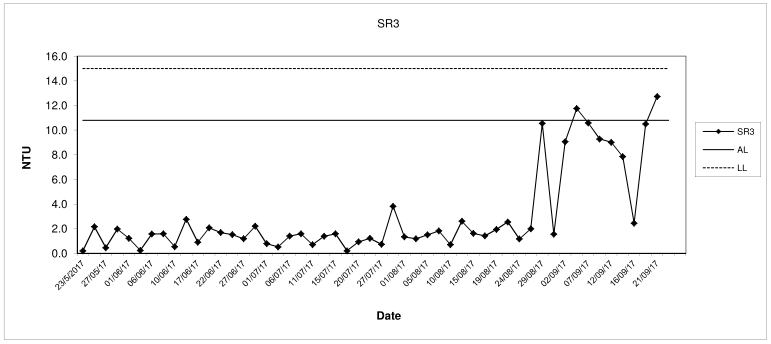


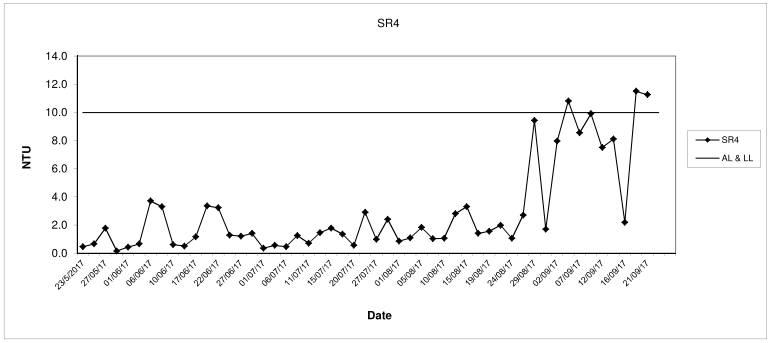




Turbidity (Depth average) at Mid-Ebb Tide

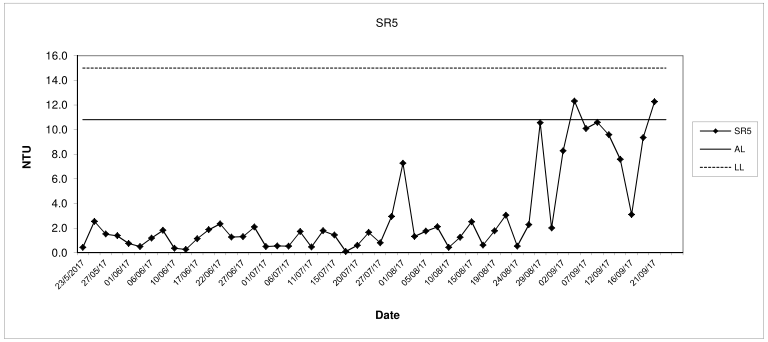


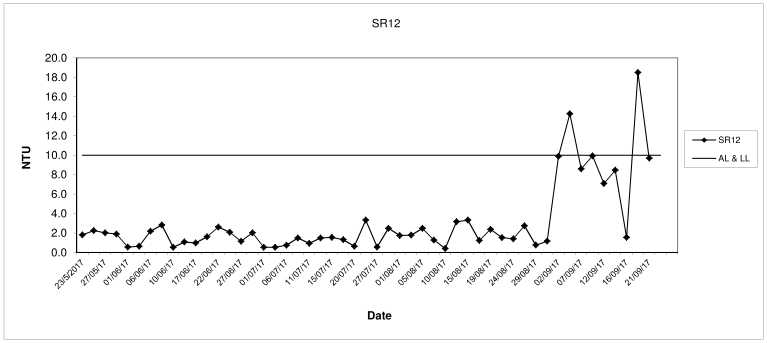


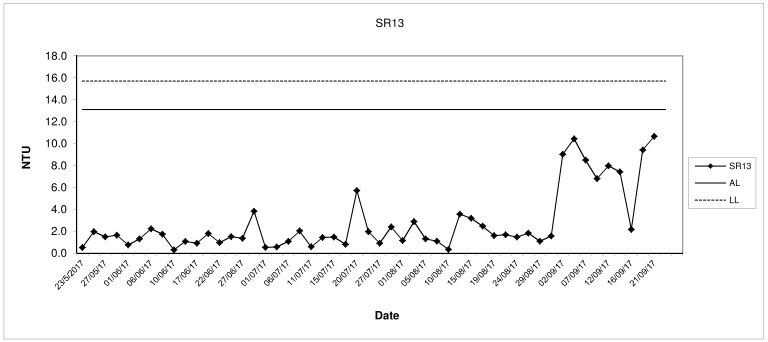


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

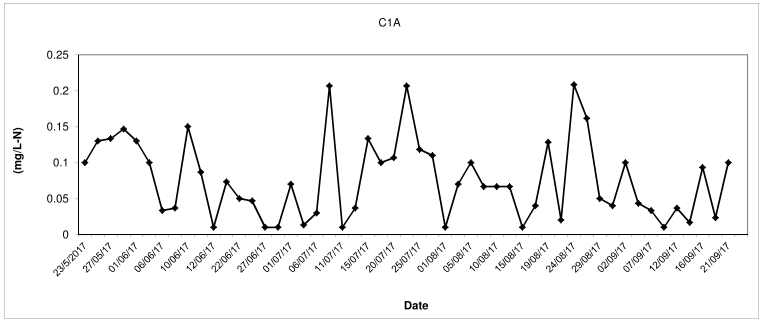
Turbidity (Depth average) at Mid-Ebb Tide

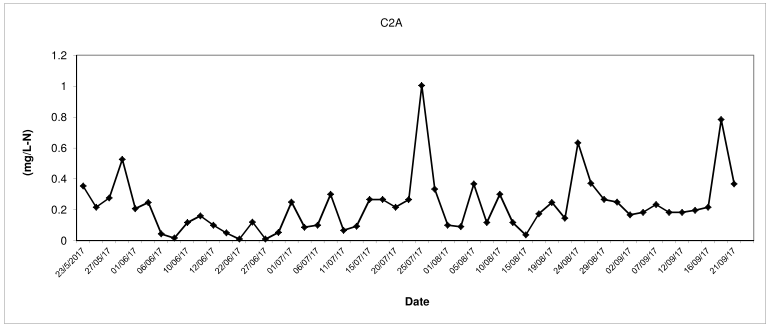


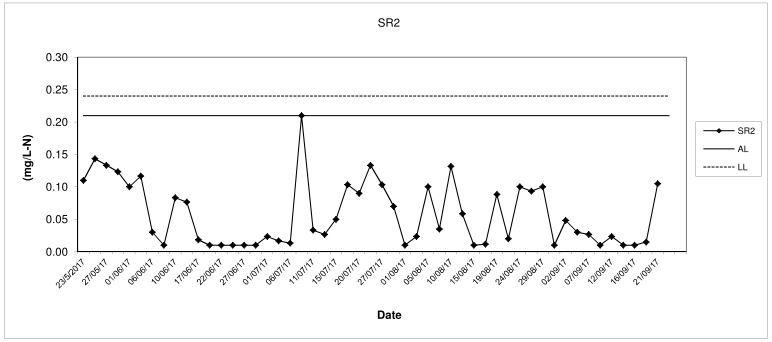




In-situ Ammonia (Depth average) at Mid-Ebb Tide

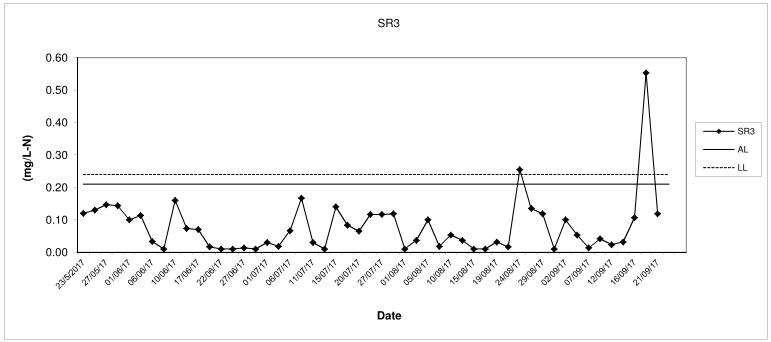


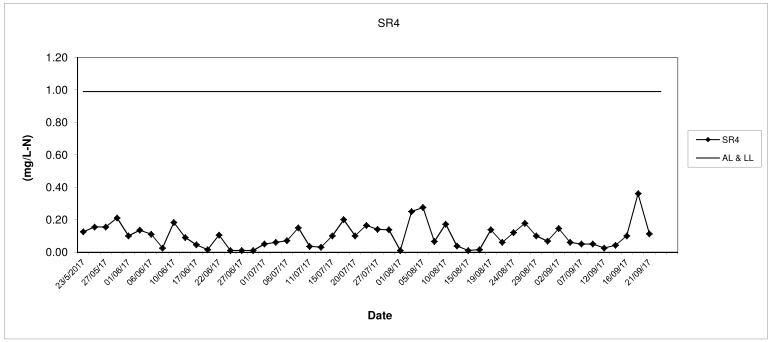


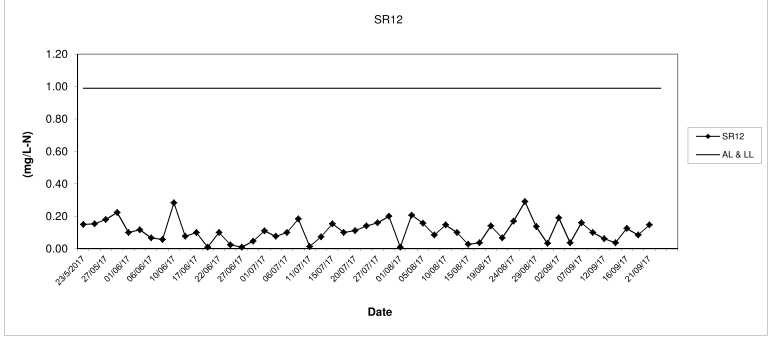


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

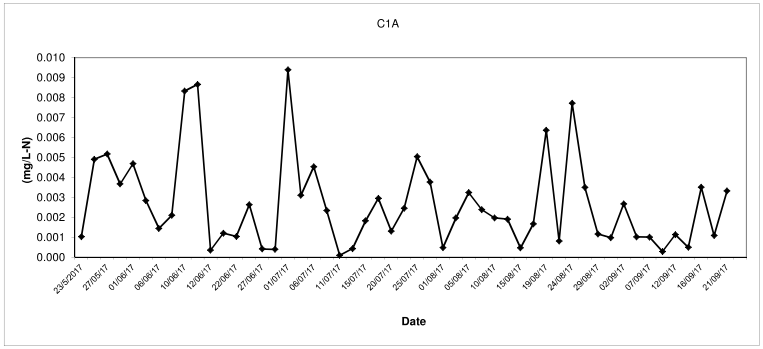
In-situ Ammonia (Depth average) at Mid-Ebb Tide

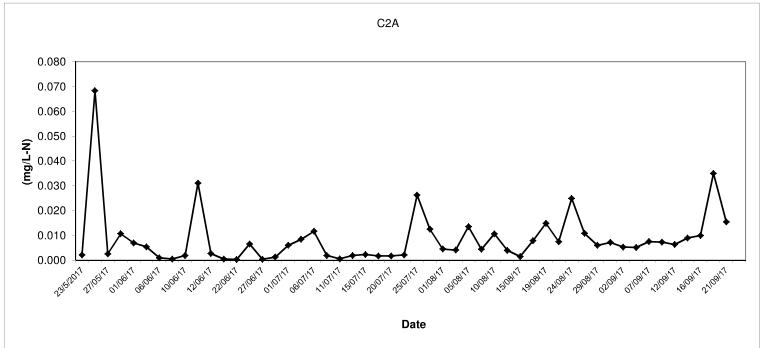


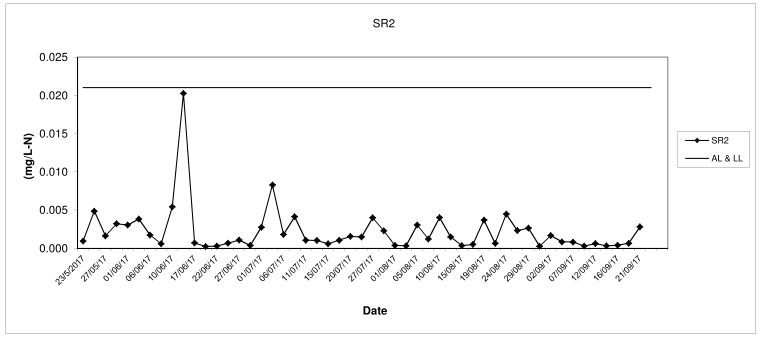




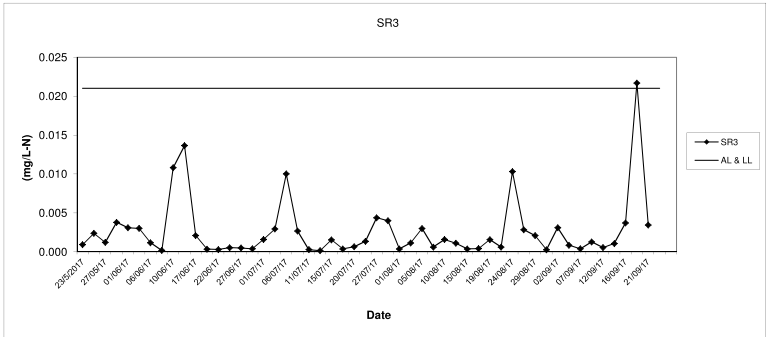
In-situ UIA (Depth average) at Mid-Ebb Tide

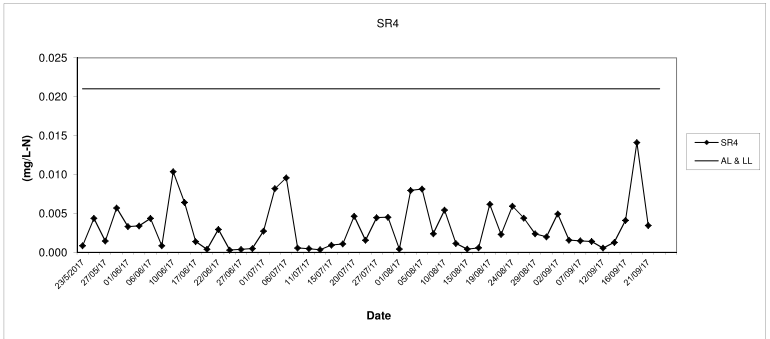


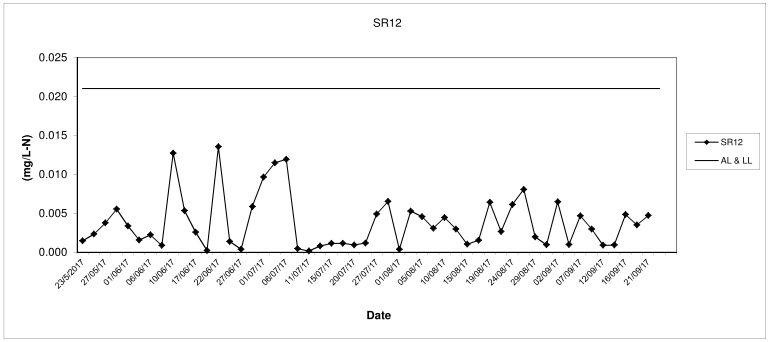




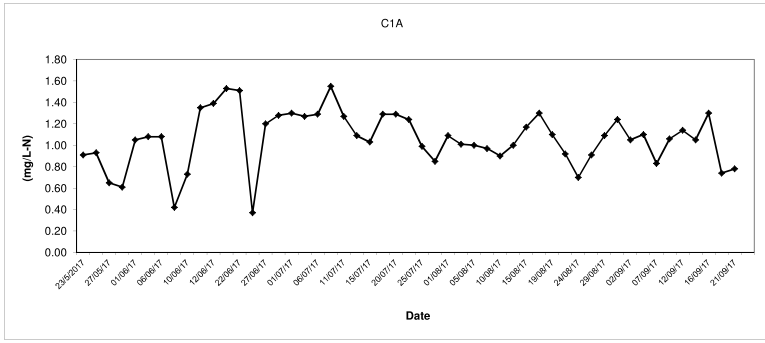
In-situ UIA (Depth average) at Mid-Ebb Tide

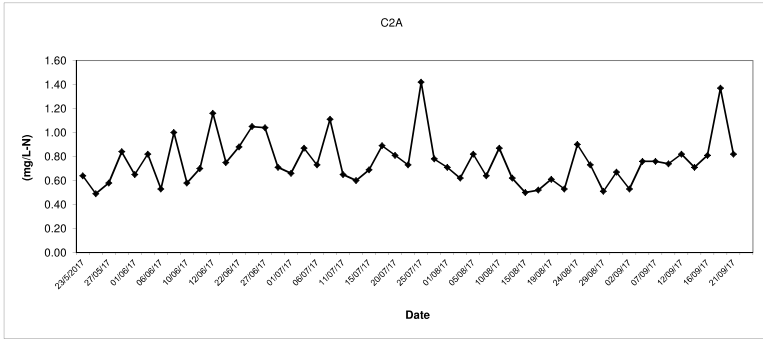


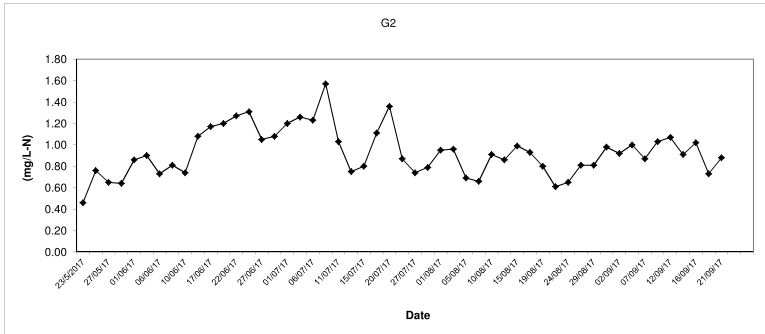




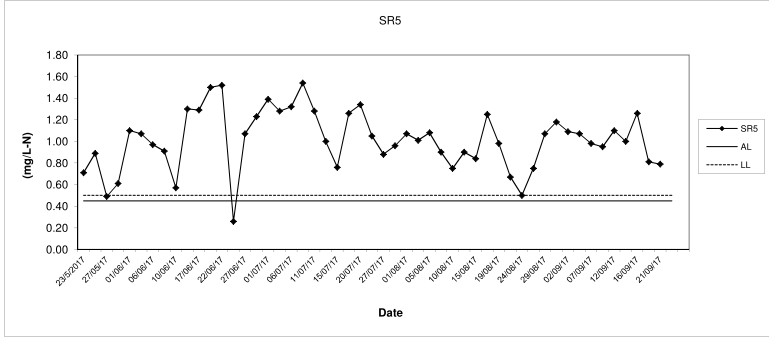
In-situ TIN (Depth average) at Mid-Ebb Tide



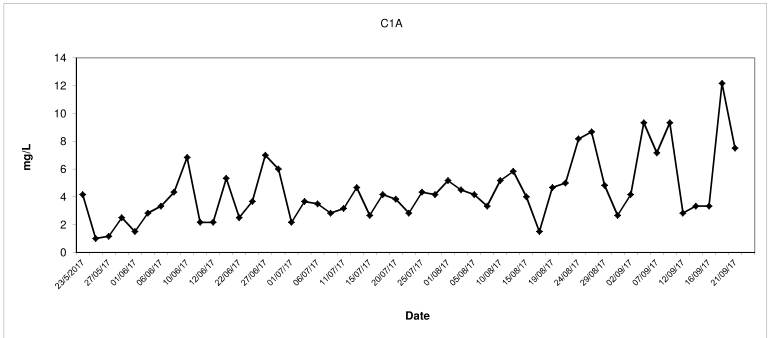


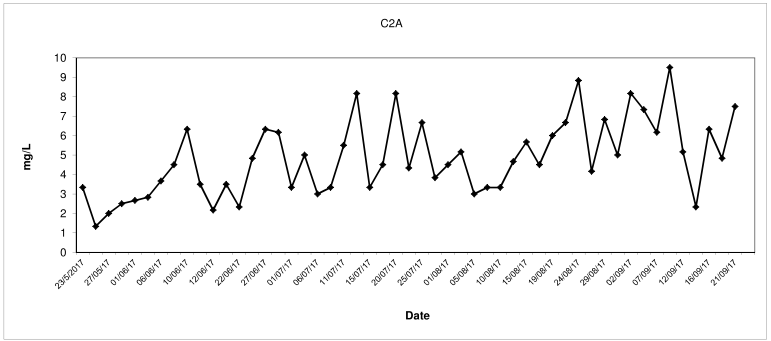


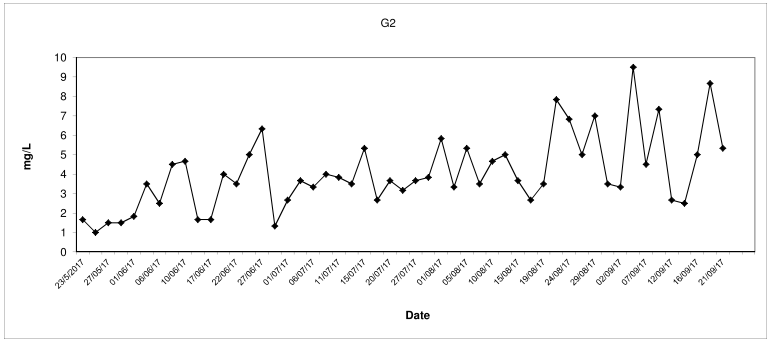
In-situ TIN (Depth average) at Mid-Ebb Tide



Total Suspended Solids (Depth average) at Mid-Ebb Tide

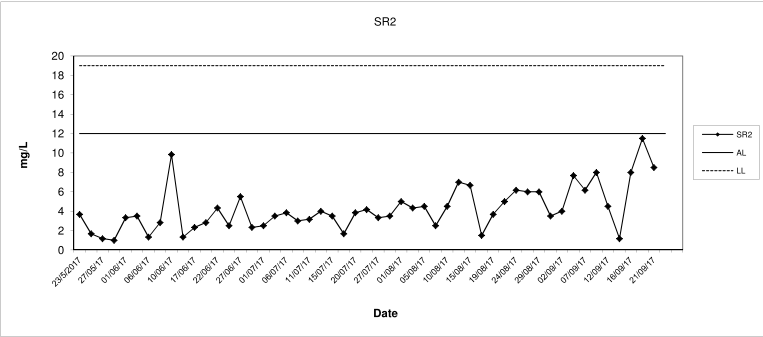


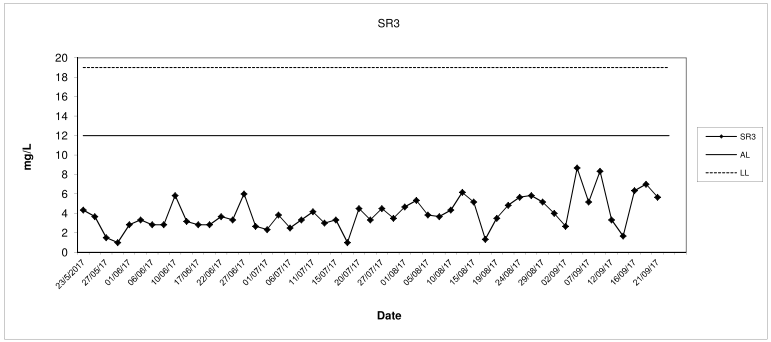


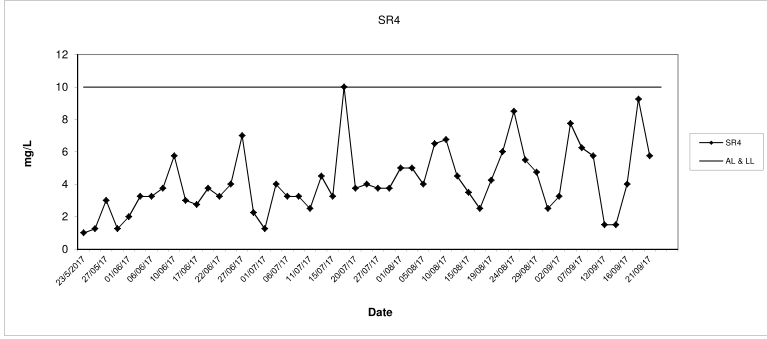


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

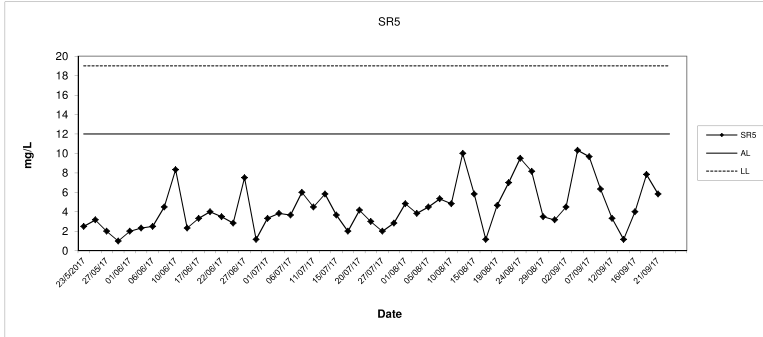
Total Suspended Solids (Depth average) at Mid-Ebb Tide

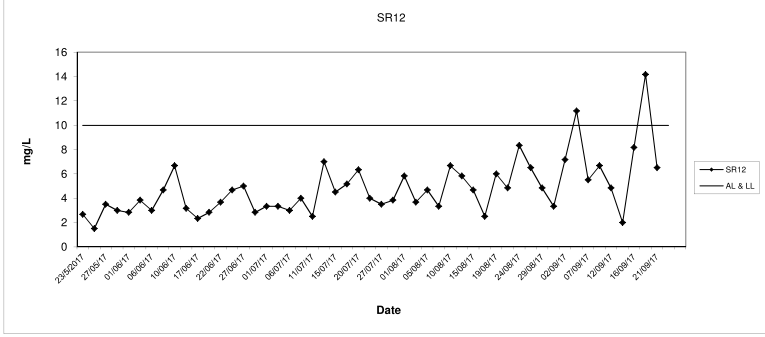


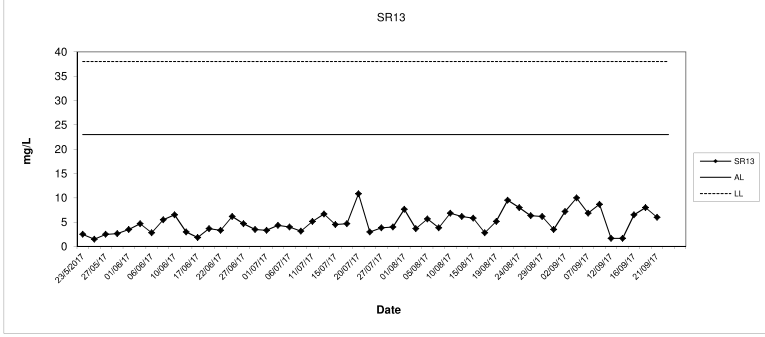




Total Suspended Solids (Depth average) at Mid-Ebb Tide

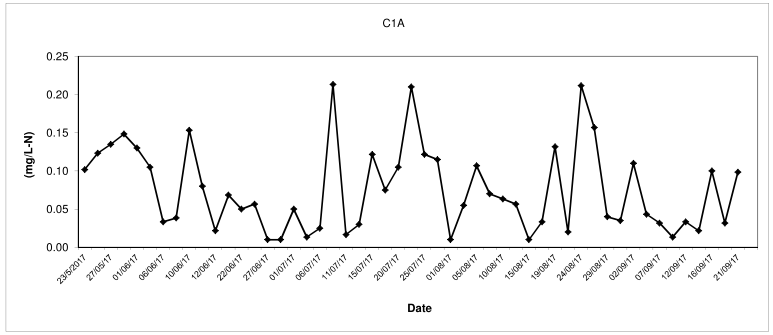


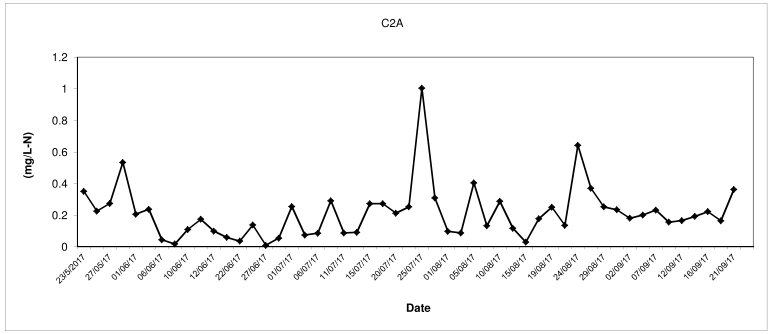


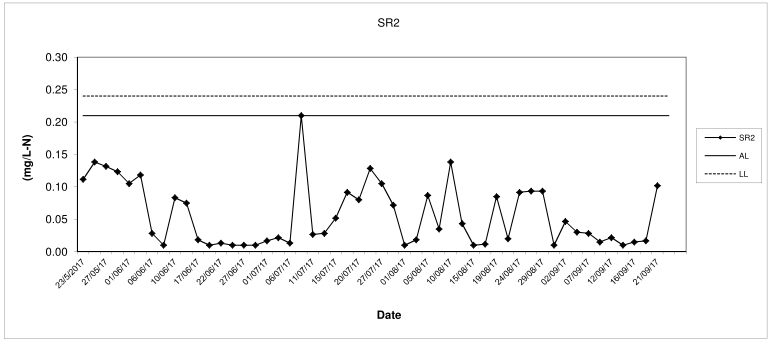


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

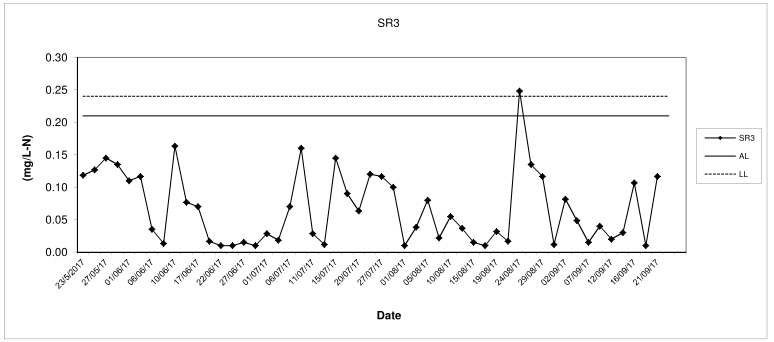
Ammonia Nitrogen (Depth average) at Mid-Ebb Tide

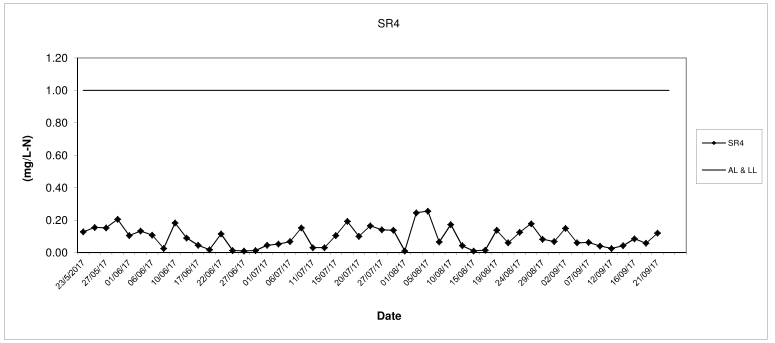


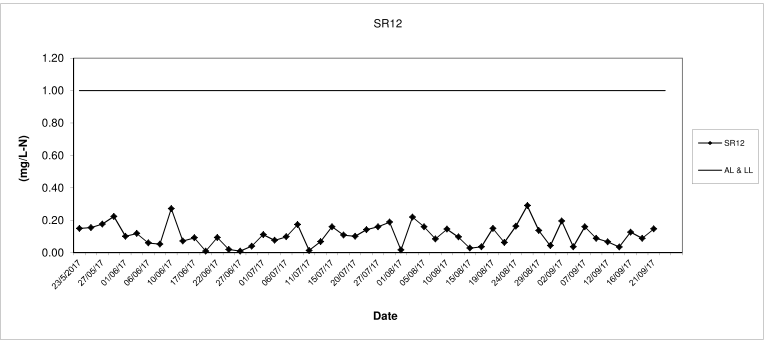




Ammonia Nitrogen (Depth average) at Mid-Ebb Tide

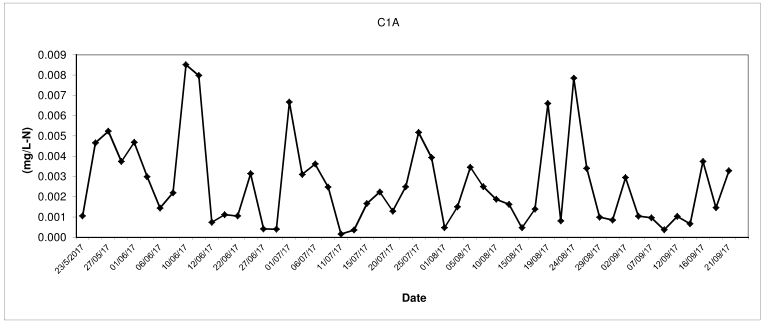


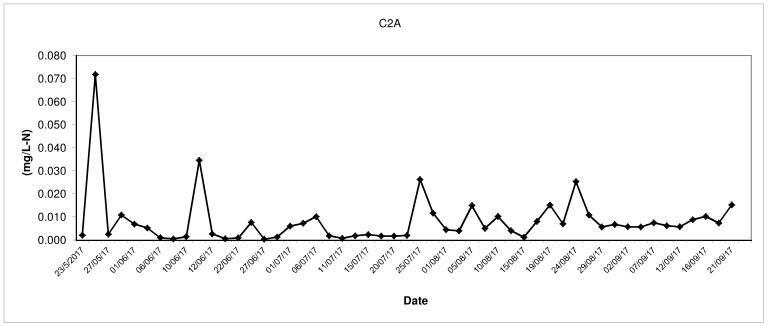


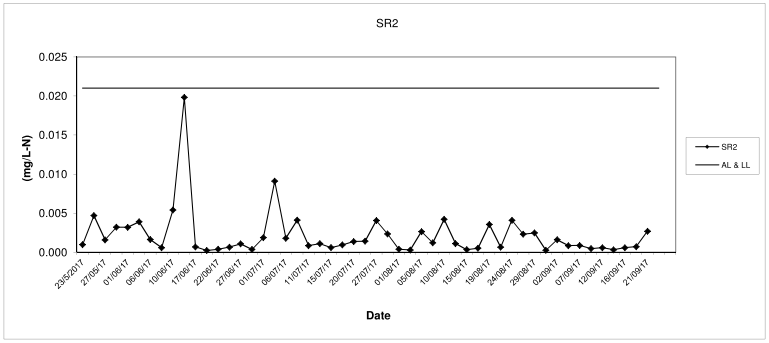


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

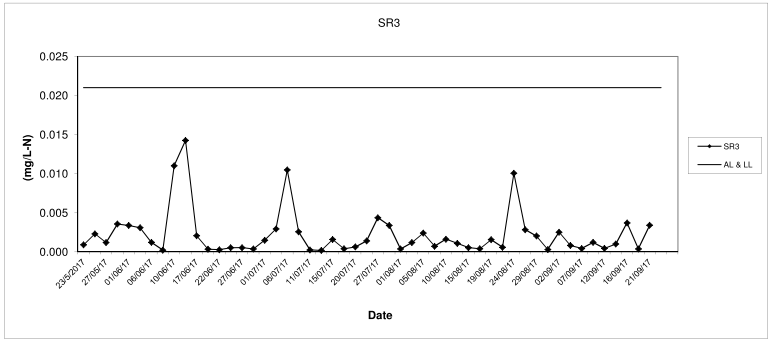
Laboratory Analysis UIA (Depth average) at Mid-Ebb Tide

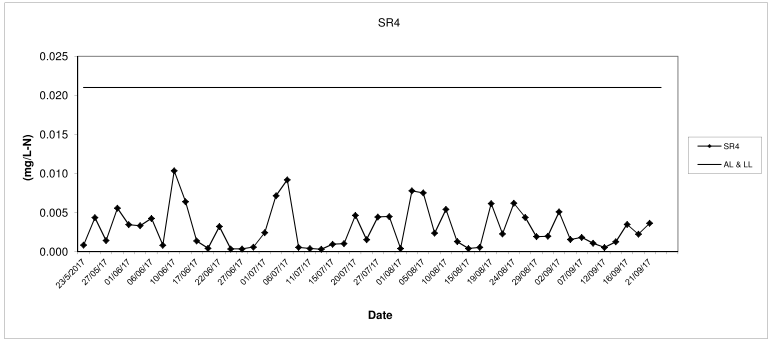


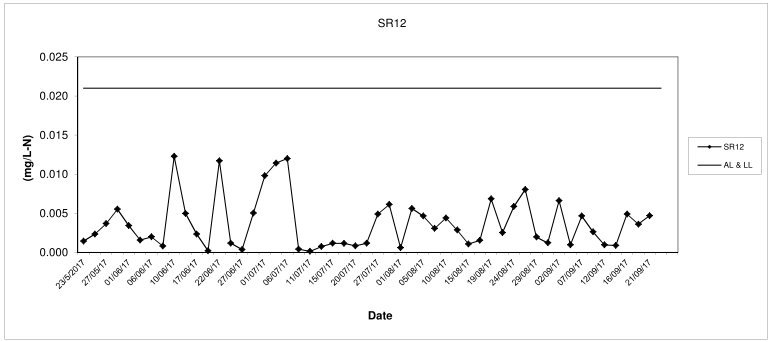




Laboratory Analysis UIA (Depth average) at Mid-Ebb Tide

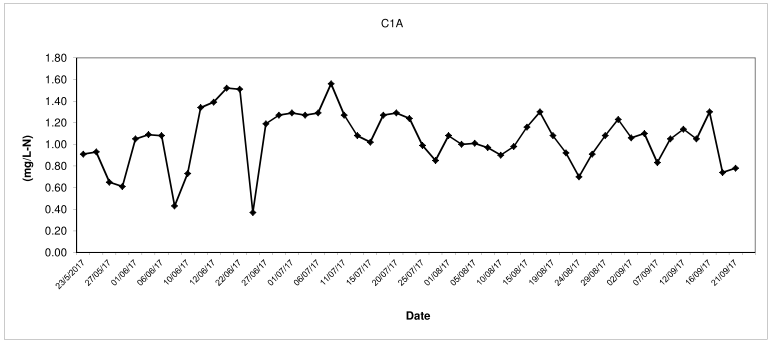


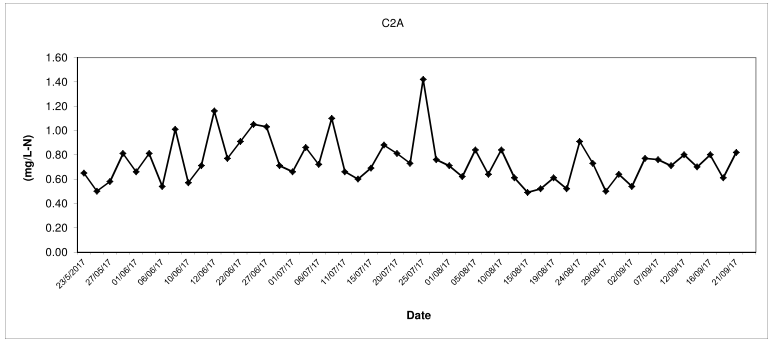


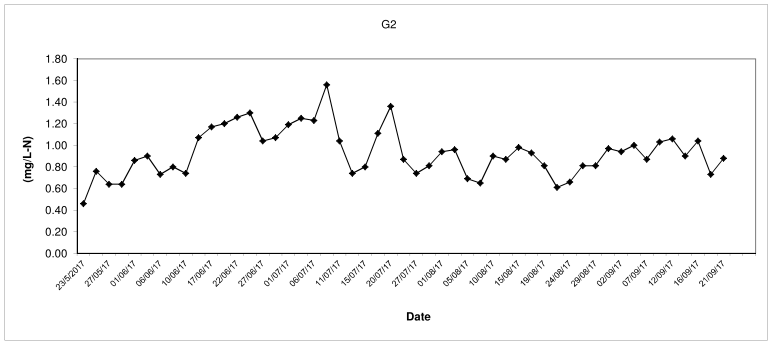


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

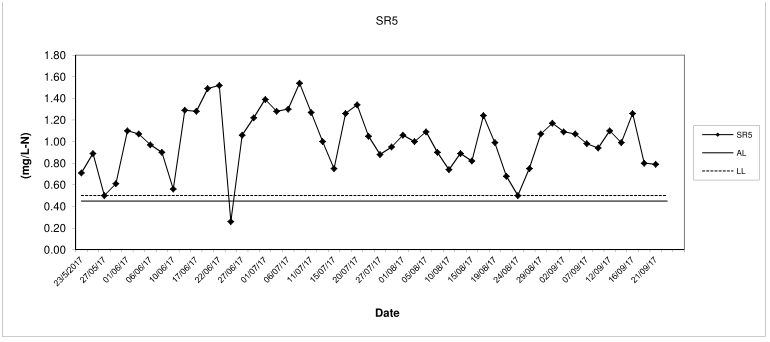
Laboratory Analysis TIN (Depth average) at Mid-Ebb Tide





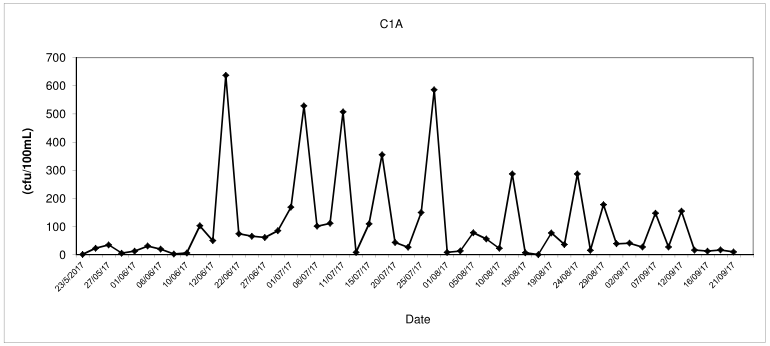


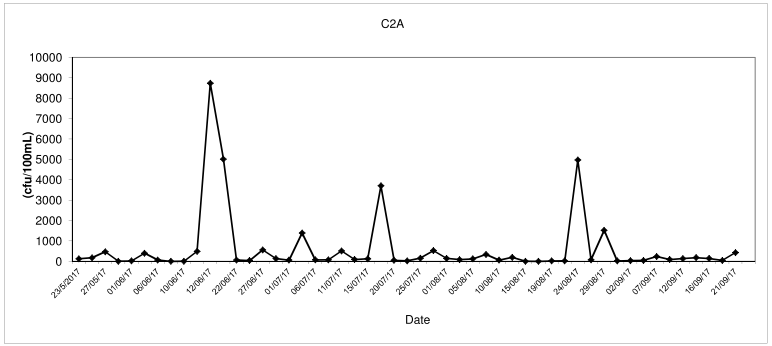
Laboratory Analysis TIN (Depth average) at Mid-Ebb Tide

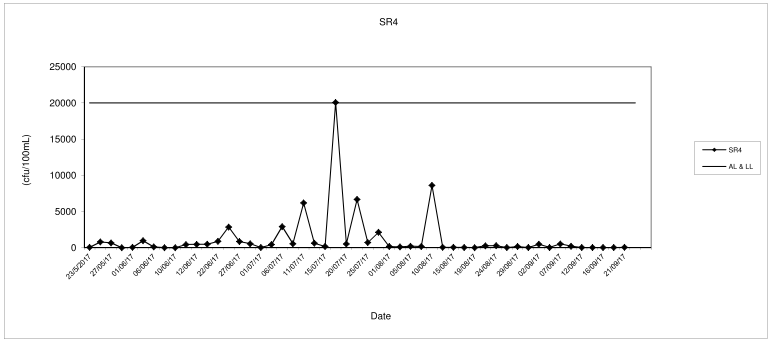


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

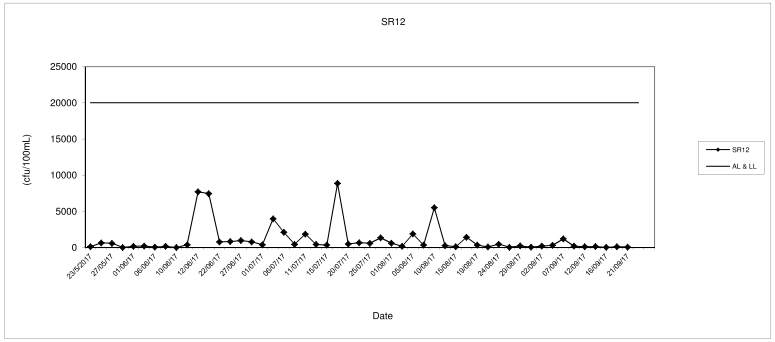
E.coli (Depth average) at Mid-Ebb Tide





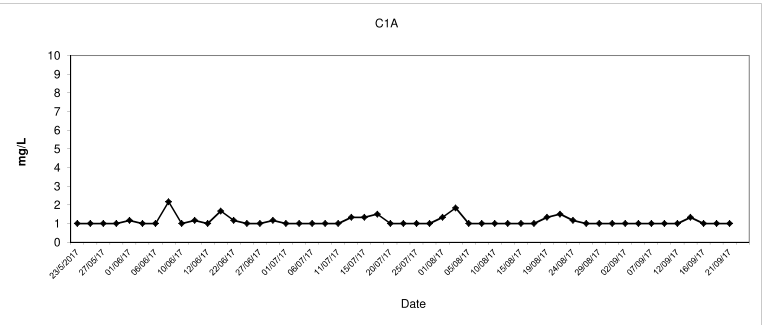


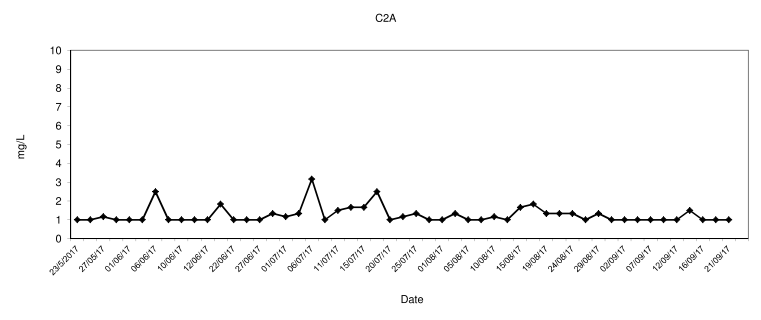
E.coli (Depth average) at Mid-Ebb Tide

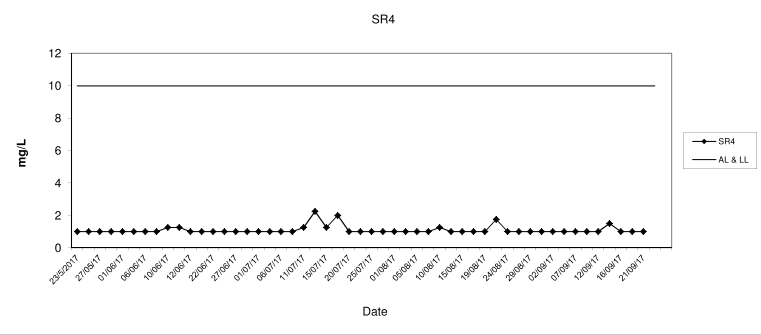


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

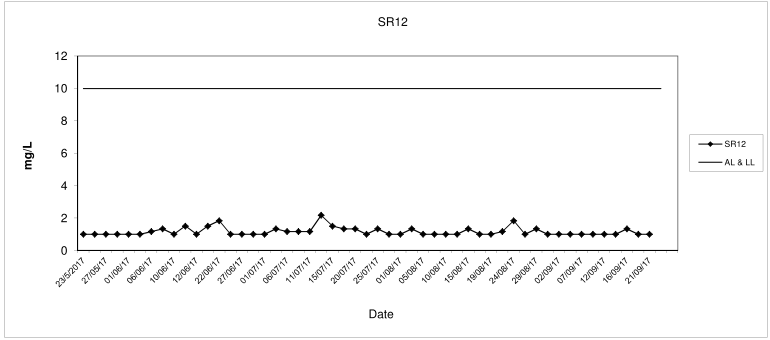
BOD_5 (Depth average) at Mid-Ebb Tide





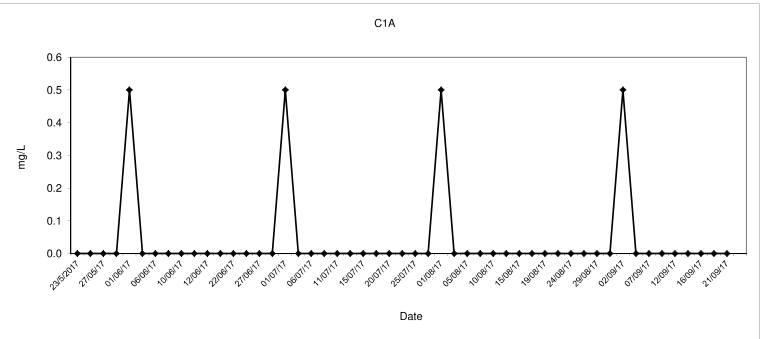


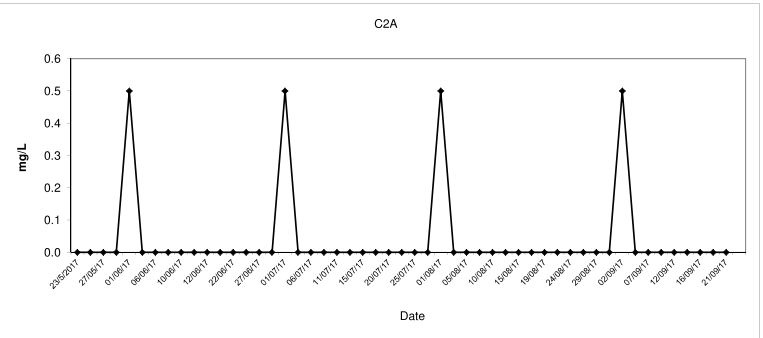
BOD_5 (Depth average) at Mid-Ebb Tide

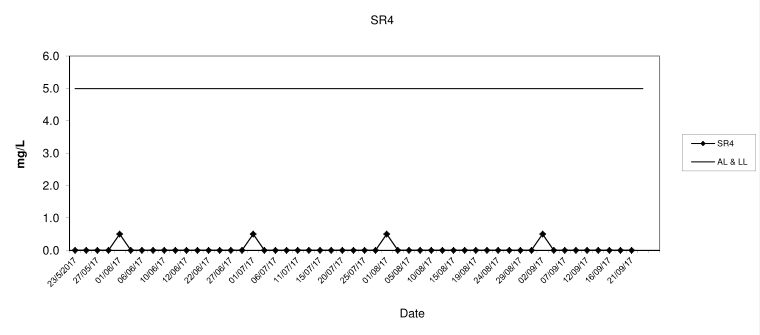


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

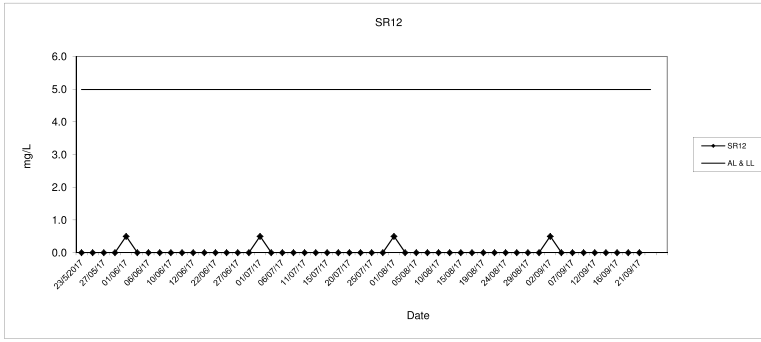
Synthetic Detergent (Depth average) at Mid-Ebb Tide







Synthetic Detergent (Depth average) at Mid-Ebb Tide



Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

MATERIALAB CONSULTANTS LIMITED
Room 723 & 725, 7/F, Block B,
Profit Industrial Building,
1-15 Kwai Fung Crescent,
Kwai Fong, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Appendix G

Water Quality Monitoring Results and Graphical Presentation – 24-hr Monitoring

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR4	8/23/2017 0:01	29.60	71.6	5.05	5.8	SR4	8/23/2017 6:01	30.05	70.6	5.72	7.2	SR4	8/23/2017 12:01	29.78	70.8	5.88	6.1	SR4	8/23/2017 18:01	30.09	73.4	5.84	8.7
SR4	8/23/2017 0:06	29.61	71.3	5.06	5.9	SR4	8/23/2017 6:06	30.07	70.6	5.73	7.4	SR4	8/23/2017 12:06	29.80	70.8	5.87	6.2	SR4	8/23/2017 18:06	30.29	73.4	5.87	7.9
SR4	8/23/2017 0:11	29.60	71.4	5.09	2.7	SR4	8/23/2017 6:11	30.05	70.6	5.72	7.2	SR4	8/23/2017 12:11	29.76	70.8	5.85	6.4	SR4	8/23/2017 18:11	30.29	73.5	5.88	3.0
SR4	8/23/2017 0:16	29.63	71.4	5.07	2.8	SR4	8/23/2017 6:16	30.07	70.6	5.71	7.1	SR4	8/23/2017 12:16	29.79	70.8	5.87	5.3	SR4	8/23/2017 18:16	30.21	73.5	5.89	2.8
SR4	8/23/2017 0:21	29.66	71.4	5.12	4.7	SR4	8/23/2017 6:21	30.04	70.5	5.72	7.4	SR4	8/23/2017 12:21	29.78	70.8	5.87	9.8	SR4	8/23/2017 18:21	30.12	73.6	5.86	2.9
SR4	8/23/2017 0:26	29.68	71.4	5.13	2.9	SR4	8/23/2017 6:26	30.06	70.6	5.74	6.7	SR4	8/23/2017 12:26	29.78	70.8	5.87	6.7	SR4	8/23/2017 18:26	30.28	73.6	5.89	5.4
SR4	8/23/2017 0:31	29.67	71.3	5.17	7.9	SR4	8/23/2017 6:31	29.82	70.1	5.54	7.2	SR4	8/23/2017 12:31	29.79	70.8	5.88	6.7	SR4	8/23/2017 18:31	30.23	73.7	5.88	4.5
SR4	8/23/2017 0:36	29.67	71.3	5.19	7.1	SR4	8/23/2017 6:36	29.80	70.0	5.57	7.2	SR4	8/23/2017 12:36	29.82	70.9	5.90	6.8	SR4	8/23/2017 18:36	30.26	73.7	5.89	3.0
SR4	8/23/2017 0:41	29.74	71.3	5.19	6.0	SR4	8/23/2017 6:41	29.80	70.1	5.57	6.3	SR4	8/23/2017 12:41	29.78	70.9	5.89	7.2	SR4	8/23/2017 18:41	30.28	73.7	5.91	5.5
SR4	8/23/2017 0:46	29.73	71.3	5.17	7.5	SR4	8/23/2017 6:46	29.81	70.0	5.56	6.8	SR4	8/23/2017 12:46	29.81	70.9	5.88	6.0	SR4	8/23/2017 18:46	30.34	76.7	5.91	5.2
SR4	8/23/2017 0:51	29.75	71.3	5.19	5.5	SR4	8/23/2017 6:51	29.80	70.0	5.58	6.8	SR4	8/23/2017 12:51	29.82	70.9	5.92	8.1	SR4	8/23/2017 18:51	30.33	76.7	5.89	5.8
SR4	8/23/2017 0:56	29.74	71.3	5.25	7.3	SR4	8/23/2017 6:56	29.79	70.0	5.57	7.0	SR4	8/23/2017 12:56	29.79	70.9	5.89	7.5	SR4	8/23/2017 18:56	30.26	76.6	5.89	5.4
SR4	8/23/2017 1:01	29.77	71.3	5.21	7.1	SR4	8/23/2017 7:01	29.83	70.1	5.60	7.3	SR4	8/23/2017 13:01	29.84	70.9	5.93	7.8	SR4	8/23/2017 19:01	30.30	75.7	5.82	5.4
SR4	8/23/2017 1:06	29.81	71.2	5.23	7.3	SR4	8/23/2017 7:06	29.82	70.2	5.60	7.0	SR4	8/23/2017 13:06	29.81	70.9	5.91	8.4	SR4	8/23/2017 19:06	30.35	74.4	5.73	5.9
SR4	8/23/2017 1:11	29.79	71.2	5.22	8.0	SR4	8/23/2017 7:11	29.78	70.2	5.61	7.7	SR4	8/23/2017 13:11	29.84	70.9	5.92	8.3	SR4	8/23/2017 19:11	30.30	75.7	5.86	2.3
SR4	8/23/2017 1:16	29.80	71.2	5.23	2.3	SR4	8/23/2017 7:16	29.79	70.2	5.61	6.7	SR4	8/23/2017 13:16	29.83	70.9	5.90	7.5	SR4	8/23/2017 19:16	30.32	75.6	5.87	2.3
SR4	8/23/2017 1:21	29.80	71.2	5.24	4.7	SR4	8/23/2017 7:21	29.80	70.2	5.62	7.4	SR4	8/23/2017 13:21	29.84	70.9	5.93	6.8	SR4	8/23/2017 19:21	30.35	75.5	5.87	2.4
SR4	8/23/2017 1:26	29.81	71.2	5.25	2.4	SR4	8/23/2017 7:26	29.78	70.2	5.63	7.4	SR4	8/23/2017 13:26	29.83	70.9	5.90	6.6	SR4	8/23/2017 19:26	30.34	75.3	5.84	2.7
SR4	8/23/2017 1:31	29.81	71.2	5.30	7.7	SR4	8/23/2017 7:31	29.79	70.2	5.63	7.2	SR4	8/23/2017 13:31	29.84	70.9	5.92	7.0	SR4	8/23/2017 19:31	30.31	75.3	5.83	3.1
SR4	8/23/2017 1:36	29.81	71.2	5.26	7.2	SR4	8/23/2017 7:36	29.77	70.2	5.62	8.2	SR4	8/23/2017 13:36	29.73	71.1	5.79	6.7	SR4	8/23/2017 19:36	30.35	75.4	5.85	2.3
SR4	8/23/2017 1:41	29.84	71.2	5.28	8.4	SR4	8/23/2017 7:41	29.80	70.2	5.64	8.3	SR4	8/23/2017 13:41	29.73	71.1	5.79	7.2	SR4	8/23/2017 19:41	30.35	75.4	5.89	5.0
SR4	8/23/2017 1:46	29.87	71.2	5.31	6.9	SR4	8/23/2017 7:46	29.79	70.2	5.64	8.1	SR4	8/23/2017 13:46	29.76	71.2	5.82	7.5	SR4	8/23/2017 19:46	30.35	75.3	5.88	5.1
SR4	8/23/2017 1:51	29.88	71.2	5.33	8.1	SR4	8/23/2017 7:51	29.79	70.2	5.63	6.9	SR4	8/23/2017 13:51	29.72	71.2	5.80	9.5	SR4	8/23/2017 19:51	30.34	75.2	5.87	5.6
SR4	8/23/2017 1:56	29.86	71.1	5.35	8.2	SR4	8/23/2017 7:56	29.81	70.3	5.65	7.1	SR4	8/23/2017 13:56	29.75	71.2	5.81	7.9	SR4	8/23/2017 19:56	30.37	75.3	5.86	5.8
SR4	8/23/2017 2:01	29.88	71.1	5.34	8.4	SR4	8/23/2017 8:01	29.73	70.1	5.60	7.2	SR4	8/23/2017 14:01	29.73	71.2	5.81	7.7	SR4	8/23/2017 20:01	30.37	75.3	5.87	5.7
SR4	8/23/2017 2:06	29.87	71.1	5.33	8.7	SR4	8/23/2017 8:06	29.71	70.0	5.58	8.9	SR4	8/23/2017 14:06	29.76	71.3	5.82	7.1	SR4	8/23/2017 20:06	30.35	75.2	5.88	6.1
SR4	8/23/2017 2:11	29.86	71.1	5.33	8.6	SR4	8/23/2017 8:11	29.70	70.1	5.61	2.3	SR4	8/23/2017 14:11	29.74	71.2	5.83	8.0	SR4	8/23/2017 20:11	30.35	75.2	5.88	6.5
SR4	8/23/2017 2:16	30.02	70.8	5.58	7.8	SR4	8/23/2017 8:16	29.71	70.2	5.59	2.3	SR4	8/23/2017 14:16	29.79	71.2	5.82	**15.2**	SR4	8/23/2017 20:16	30.36	75.2	5.92	6.6
SR4	8/23/2017 2:21	30.00	70.7	5.60	7.2	SR4	8/23/2017 8:21	29.71	70.2	5.62	3.0	SR4	8/23/2017 14:21	29.76	71.3	5.84	7.4	SR4	8/23/2017 20:21	30.38	75.2	5.88	8.3
SR4	8/23/2017 2:26	30.01	70.8	5.58	7.8	SR4	8/23/2017 8:26	29.70	70.2	5.59	5.8	SR4	8/23/2017 14:26	29.79	71.3	5.82	9.2	SR4	8/23/2017 20:26	30.37	75.2	5.92	7.5
SR4	8/23/2017 2:31	30.00	70.8	5.59	7.2	SR4	8/23/2017 8:31	29.71	70.2	5.61	7.3	SR4	8/23/2017 14:31	29.80	71.3	5.82	5.8	SR4	8/23/2017 20:31	30.36	75.2	5.92	7.8
SR4	8/23/2017 2:36	29.99	70.7	5.61	7.1	SR4	8/23/2017 8:36	29.67	70.2	5.62	2.8	SR4	8/23/2017 14:36	29.82	71.3	5.82	8.5	SR4	8/23/2017 20:36	30.35	75.2	5.92	8.4
SR4	8/23/2017 2:41	30.02	70.8	5.61	2.8	SR4	8/23/2017 8:41	29.67	70.2	5.62	7.8	SR4	8/23/2017 14:41	29.91	73.6	5.79	9.3	SR4	8/23/2017 20:41	30.35	75.2	5.94	9.0
SR4	8/23/2017 2:46	29.98	70.7	5.61	2.9	SR4	8/23/2017 8:46	29.69	70.2	5.60	7.8	SR4	8/23/2017 14:46	29.95	73.4	5.77	9.5	SR4	8/23/2017 20:46	30.37	75.3	5.95	7.5
SR4	8/23/2017 2:51	30.00	70.7	5.61	6.8	SR4	8/23/2017 8:51	29.67	70.3	5.63	8.2	SR4	8/23/2017 14:51	29.94	73.5	5.77	8.7	SR4	8/23/2017 20:51	30.35	75.3	5.94	8.4
SR4	8/23/2017 2:56	29.99	70.6	5.62	7.6	SR4	8/23/2017 8:56	29.68	70.2	5.63	8.8	SR4	8/23/2017 14:56	30.04	73.4	5.76	8.3	SR4	8/23/2017 20:56	30.34	75.2	5.96	8.0
SR4	8/23/2017 3:01	29.99	70.7	5.59	2.6	SR4	8/23/2017 9:01	29.68	70.4	5.67	8.5	SR4	8/23/2017 15:01	30.01	73.3	5.79	8.3	SR4	8/23/2017 21:01	30.37	75.2	5.93	5.1
SR4	8/23/2017 3:06	29.98	70.7	5.61	4.7	SR4	8/23/2017 9:06	29.68	70.5	5.66	6.4	SR4	8/23/2017 15:06	29.99	73.3	5.76	6.4	SR4	8/23/2017 21:06	30.39	75.2	5.96	7.3
SR4	8/23/2017 3:11	30.01	70.7	5.61	6.5	SR4	8/23/2017 9:11	29.70	70.5	5.67	8.4	SR4	8/23/2017 15:11	30.02	73.3	5.75	8.6	SR4	8/23/2017 21:11	30.39	75.2	5.97	2.8
SR4	8/23/2017 3:16	30.00	70.7	5.63	6.2	SR4	8/23/2017 9:16	29.68	70.5	5.69	8.3	SR4	8/23/2017 15:16	29.98	73.2	5.75	6.5	SR4	8/23/2017 21:16	30.38	75.2	5.95	2.6
SR4	8/23/2017 3:21	29.96	70.6	5.64	6.7	SR4	8/23/2017 9:21	29.68	70.6	5.67	9.0	SR4	8/23/2017 15:21	29.91	73.2	5.74	7.6	SR4	8/23/2017 21:21	30.40	75.2	5.99	4.5
SR4	8/23/2017 3:26	30.00	70.7	5.64	2.6	SR4	8/23/2017 9:26	29.69	70.6	5.69	8.6	SR4	8/23/2017 15:26	29.98	73.1	5.74	8.8	SR4	8/23/2017 21:26	30.37	75.3	6.00	5.3
SR4	8/23/2017 3:31	29.99	70.6	5.61	6.4	SR4	8/23/2017 9:31	29.68	70.6	5.69	8.7	SR4	8/23/2017 15:31	29.99	73.1	5.74	8.4	SR4	8/23/2017 21:31	30.39	75.3	5.96	3.0
SR4	8/23/2017 3:36	29.97	70.5	5.61	6.7	SR4	8/23/2017 9:36	29.69	70.6	5.69	6.5	SR4	8/23/2017 15:36	29.97	73.1	5.72	8.8	SR4	8/23/2017 21:36	30.37	75.3	6.01	2.6
SR4	8/23/2017 3:41	29.99	70.6	5.61	7.3	SR4	8/23/2017 9:41	29.68	70.8	5.72	8.4	SR4	8/23/2017 15:41	30.05	73.1	5.72	9.5	SR4	8/23/2017 21:41	30.37	75.3	5.98	7.5
SR4	8/23/2017 3:46	29.99	70.6	5.65	6.9	SR4	8/23/2017 9:46	29.69	70.8	5.73	8.3	SR4	8/23/2017 15:46	30.00	73.0	5.74	6.4	SR4	8/23/2017 21:46	30.39	75.3	6.02	5.8
SR4	8/23/2017 3:51	29.98	70.6	5.61	7.8	SR4	8/23/2017 9:51	29.70	70.8	5.72	8.3	SR4	8/23/2017 15:51	29.97	73.1	5.72	**10.0**	SR4	8/23/2017 21:51	30.37	75.3	6.02	4.6
SR4	8/23/2017 3:56	29.97	70.5	5.64	9.4	SR4	8/23/2017 9:56	29.70	70.8	5.73	7.8	SR4	8/23/2017 15:56	30.08	73.1	5.76	9.4	SR4	8/23/2017 21:56	30.36	75.3	5.99	2.9
SR4	8/23/2017 4:01	29.95	70.5	5.63	8.0	SR4	8/23/2017 10:01	29.68	70.9	5.73	7.3	SR4	8/23/2017 16:01	30.06	73.0	5.74	9.8	SR4	8/23/2017 22:01	30.33	75.3	5.89	7.9
SR4	8/23/2017 4:06	29.95	70.5	5.64	8.4	SR4	8/23/2017 10:06	29.70	70.9	5.73	5.1	SR4	8/23/2017 16:06	30.04	73.0	5.73	8.1	SR4	8/23/2017 22:06	30.17	75.2	5.89	8.6
SR4	8/23/2017 4:11	29.96	70.6	5.67	8.1	SR4	8/23/2017 10:11	29.71	70.8	5.73	2.8	SR4	8/23/2017 16:11	30.13	73.0	5.76	7.6	SR4	8/23/2017 22:11	30.16	75.2	5.92	7.9
SR4	8/23/2017 4:16	30.01	70.6	5.64	9.1	SR4	8/23/2017 10:16	29.70	70.8	5.77	2.7	SR4	8/23/2017 16:16	30.15	73.0	5.76	9.2	SR4	8/23/2017 22:16	30.23	75.2	5.89	8.7
SR4	8/23/2017 4:21	30.01	70.6	5.63	8.1	SR4	8/23/2017 10:21	29.70	70.8	5.78	5.6	SR4	8/23/2017 16:21	30.05	73.1	5.76	9.9	SR4	8/23/2017 22:21	30.34	75.1	5.91	7.5
SR4	8/23/2017 4:26	30.02	70.6	5.66	8.8	SR4	8/23/2017 10:26	29.74	70.9	5.75	3.5	SR4	8/23/2017 16:26	30.09	73.1	5.77	8.5	SR4	8/23/2017 22:26	30.29	75.1	5.89	8.4
SR4	8/23/2017 4:31	30.01	70.6	5.65	5.8	SR4	8/23/2017 10:31	29.73	70.9	5.75	3.5	SR4	8/23/2017 16:31	30.04	73.1	5.76	6.6	SR4	8/23/2017 22:31	30.19	75.0	5.90	8.4
SR4	8/23/2017 4:36	30.01	70.6	5.64	8.6	SR4	8/23/2017 10:36	29.76	70.8	5.80	2.7	SR4	8/23/2017 16:36	30.12	73.1	5.79	9.0	SR4	8/23/2017 22:36	30.35	75.0	5.89	8.9
SR4	8/23/2017 4:41	30.01	70.6	5.68	9.0	SR4	8/23/2017 10:41	29.76	70.9	5.78	8.4	SR4	8/23/2017 16:41	30.13	73.1	5.78	9.0	SR4	8/23/2017 22:41	30.19	75.0	5.91	5.5
SR4	8/23/2017 4:46	30.01	70.6	5.64	8.8	SR4	8/23/2017 10:46	29.77	70.9	5.77	6.3	SR4	8/23/2017 16:46	30.07	73.1	5.78	6.8	SR4	8/23/2017 22:46	30.32	74.9	5.91	8.5
SR4	8/23/2017 4:51	30.04	70.6	5.67	9.0	SR4	8/23/2017 10:51	29.79	70.9	5.80	6.3	SR4	8/23/2017 16:51	30.04	73.2	5.77	6.1	SR4	8/23/2017 22:51	30.29	74.9	5.90	7.4
SR4	8/23/2017 4:56	30.04	70.6	5.68	9.5	SR4	8/23/2017 10:56	29.78	70.9	5.82	6.0	SR4	8/23/2017 16:56	30.05	73.2	5.80	7.8	SR4	8/23/2017 22:56	30.27	74.9	5.89	8.5
SR4	8/23/2017 5:01	30.03	70.6	5.70	6.1	SR4	8/23/2017 11:01	29.78	70.8	5.79	6.5	SR4	8/23/2017 17:01	30.12	73.3	5.81	8.1	SR4	8/23/2017 23:01	30.25	74.9	5.89	5.5
SR4	8/23/2017 5:06	30.06	70.6	5.67	6.3	SR4	8/23/2017 11:06	29.81	70.8	5.83	6.6	SR4	8/23/2017 17:06	30.07	73.3	5.83	8.9	SR4	8/23/2017 23:06	30.29	74.8	5.87	9.0
SR4	8/23/2017 5:11	30.04	70.6	5.71	6.5	SR4	8/23/2017 11:11	29.77	70.8	5.81	6.2	SR4	8/23/2017 17:11	30.11	73.3	5.82	6.9	SR4	8/23/2017 23:11	30.29	74.8	5.89	5.8
SR4	8/23/2017 5:16	30.07	70.6	5.68	6.2	SR4	8/23/2017 11:16	29.79	70.9	5.84	9.5	SR4	8/23/2017 17:16	30.20	73.3	5.82	8.5	SR4	8/23/2017 23:16	30.29	74.7	5.88	5.3
SR4	8/23/2017 5:21	30.04	70.6	5.68	5.5	SR4	8/23/2017 11:21	29.78	70.9	5.82	5.7	SR4	8/23/2017 17:21	30.19	73.3	5.82	9.1	SR4	8/23/2017 23:21	30.27	74.7	5.88	9.2
SR4	8/23/2017 5:26	30.07	70.6	5.72	7.6	SR4	8/23/2017 11:26	29.78	70.9	5.84	5.7	SR4	8/23/2017 17:26	30.20	73.3	5.82	9.6	SR4	8/23/2017 23:26	30.26	74.7	5.88	8.7
SR4	8/23/2017 5:31	30.04	70.6	5.71	7.2	SR4	8/23/2017 11:31	29.77	70.8	5.82	6.1	SR4	8/23/2017 17:31	30.17	73.3	5.85	9.0	SR4	8/23/2017 23:31	30.18	74.7	5.90	5.4
SR4	8/23/2017 5:36	30.07	70.6	5.71	6.6	SR4	8/23/2017 11:36	29.79	70.8	5.84	6.8	SR4	8/23/2017 17:36	30.14	73.3	5.84	8.7	SR4	8/23/2017 23:36	30.17	74.6	5.89	5.7
SR4	8/23/2017 5:41	30.05	70.6	5.69	**10.3**	SR4	8/23/2017 11:41	29.78	70.8	5.85	6.4	SR4	8/23/2017 17:41	30.11	73.3	5.86	9.6	SR4	8/23/2017 23:41	30.19	74.6	5.91	5.0
SR4	8/23/2017 5:46	30.07	70.6	5.70	7.4	SR4	8/23/2017 11:46	29.76	70.8	5.81	6.3	SR4	8/23/2017 17:46	30.12	73.4	5.85	9.4	SR4	8/23/2017 23:46	30.16	74.2	5.71	8.9
SR4	8/23/2017 5:51	30.09	70.6	5.70	7.2	SR4	8/23/2017 11:51	29.76	70.8	5.86	5.9	SR4	8/23/2017 17:51	30.22	73.5	5.83	9.0	SR4	8/23/2017 23:51	30.16	74.2	5.72	8.3
SR4	8/23/2017 5:56	30.04	70.6	5.70	6.9	SR4	8/23/2017 11:56	29.76	70.8	5.87	5.9	SR4	8/23/2017 17:56	30.21	73.4	5.85	9.8	SR4	8/23/2017 23:56	30.32	74.2	5.69	5.7

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR5	8/23/2017 0:00	30.11	71.2	5.60	4.8	SR5	8/23/2017 6:00	29.90	70.5	5.51	5.1	SR5	8/23/2017 12:00	29.64	69.9	5.64	2.6	SR5	8/23/2017 18:00	29.88	73.9	5.86	2.1
SR5	8/23/2017 0:05	30.09	71.1	5.56	4.1	SR5	8/23/2017 6:05	29.92	70.6	5.50	5.9	SR5	8/23/2017 12:05	29.64	70.0	5.68	2.2	SR5	8/23/2017 18:05	30.24	73.9	5.87	2.2
SR5	8/23/2017 0:10	30.10	71.1	5.56	4.2	SR5	8/23/2017 6:10	29.92	70.7	5.53	5.8	SR5	8/23/2017 12:10	29.64	70.0	5.65	2.3	SR5	8/23/2017 18:10	30.23	73.9	5.87	2.0
SR5	8/23/2017 0:15	30.10	71.2	5.58	3.7	SR5	8/23/2017 6:15	29.90	70.7	5.54	5.3	SR5	8/23/2017 12:15	29.61	70.0	5.63	1.6	SR5	8/23/2017 18:15	30.11	73.9	5.90	2.1
SR5	8/23/2017 0:20	30.09	71.2	5.60	6.1	SR5	8/23/2017 6:20	29.91	70.6	5.52	5.4	SR5	8/23/2017 12:20	29.61	70.2	5.69	1.9	SR5	8/23/2017 18:20	29.89	73.9	5.87	2.0
SR5	8/23/2017 0:25	30.14	71.2	5.59	4.4	SR5	8/23/2017 6:25	29.90	70.6	5.56	5.9	SR5	8/23/2017 12:25	29.65	70.1	5.66	2.6	SR5	8/23/2017 18:25	30.19	73.9	5.89	2.3
SR5	8/23/2017 0:30	30.13	71.2	5.60	4.6	SR5	8/23/2017 6:30	29.94	70.6	5.52	5.1	SR5	8/23/2017 12:30	29.67	70.1	5.67	4.1	SR5	8/23/2017 18:30	30.11	73.9	5.90	2.3
SR5	8/23/2017 0:35	30.11	71.2	5.60	4.8	SR5	8/23/2017 6:35	29.90	70.6	5.56	5.1	SR5	8/23/2017 12:35	29.68	70.1	5.70	2.4	SR5	8/23/2017 18:35	30.16	73.9	5.88	2.3
SR5	8/23/2017 0:40	30.16	71.2	5.59	4.2	SR5	8/23/2017 6:40	29.93	70.6	5.56	6.3	SR5	8/23/2017 12:40	29.67	70.1	5.73	2.1	SR5	8/23/2017 18:40	30.19	73.9	5.93	2.0
SR5	8/23/2017 0:45	30.14	71.2	5.58	4.3	SR5	8/23/2017 6:45	29.92	70.6	5.56	5.3	SR5	8/23/2017 12:45	29.68	70.2	5.69	2.3	SR5	8/23/2017 18:45	30.12	74.2	5.94	1.9
SR5	8/23/2017 0:50	30.17	71.2	5.59	3.9	SR5	8/23/2017 6:50	29.92	70.6	5.58	4.1	SR5	8/23/2017 12:50	29.68	70.2	5.74	2.2	SR5	8/23/2017 18:50	30.12	74.3	5.90	1.9
SR5	8/23/2017 0:55	30.16	71.2	5.60	4.2	SR5	8/23/2017 6:55	29.92	70.6	5.60	5.3	SR5	8/23/2017 12:55	29.70	70.2	5.72	2.1	SR5	8/23/2017 18:55	29.98	74.3	5.91	1.7
SR5	8/23/2017 1:00	30.16	71.2	5.58	5.2	SR5	8/23/2017 7:00	29.96	70.6	5.59	6.0	SR5	8/23/2017 13:00	29.70	70.3	5.75	2.0	SR5	8/23/2017 19:00	30.08	74.2	5.89	1.8
SR5	8/23/2017 1:05	30.14	71.2	5.58	4.9	SR5	8/23/2017 7:05	29.94	70.6	5.58	9.3	SR5	8/23/2017 13:05	29.73	70.3	5.74	2.8	SR5	8/23/2017 19:05	30.18	74.1	5.92	2.1
SR5	8/23/2017 1:10	30.13	71.2	5.59	4.6	SR5	8/23/2017 7:10	29.92	70.6	5.62	6.6	SR5	8/23/2017 13:10	29.73	70.3	5.75	2.7	SR5	8/23/2017 19:10	29.97	74.2	5.90	1.9
SR5	8/23/2017 1:15	30.17	71.2	5.63	4.1	SR5	8/23/2017 7:15	29.94	70.6	5.60	5.1	SR5	8/23/2017 13:15	29.72	70.3	5.74	2.4	SR5	8/23/2017 19:15	30.23	74.3	5.92	2.0
SR5	8/23/2017 1:20	30.16	71.1	5.59	4.5	SR5	8/23/2017 7:20	29.96	70.6	5.59	5.1	SR5	8/23/2017 13:20	29.71	70.3	5.73	2.7	SR5	8/23/2017 19:20	30.24	74.4	5.90	2.0
SR5	8/23/2017 1:25	30.15	71.1	5.60	4.4	SR5	8/23/2017 7:25	29.93	70.6	5.63	4.6	SR5	8/23/2017 13:25	29.72	70.4	5.76	2.3	SR5	8/23/2017 19:25	30.02	74.4	5.94	2.2
SR5	8/23/2017 1:30	30.13	71.1	5.62	5.0	SR5	8/23/2017 7:30	29.96	70.6	5.61	4.3	SR5	8/23/2017 13:30	29.76	70.4	5.76	2.0	SR5	8/23/2017 19:30	29.91	74.5	5.92	2.4
SR5	8/23/2017 1:35	30.15	71.1	5.63	4.5	SR5	8/23/2017 7:35	29.93	70.6	5.60	4.6	SR5	8/23/2017 13:35	29.75	70.4	5.77	3.1	SR5	8/23/2017 19:35	30.12	74.5	5.95	2.5
SR5	8/23/2017 1:40	30.14	71.1	5.65	4.6	SR5	8/23/2017 7:40	29.96	70.6	5.65	4.7	SR5	8/23/2017 13:40	29.75	70.4	5.78	2.2	SR5	8/23/2017 19:40	30.23	74.5	5.93	2.8
SR5	8/23/2017 1:45	30.15	71.1	5.63	5.1	SR5	8/23/2017 7:45	29.93	70.5	5.61	4.2	SR5	8/23/2017 13:45	29.77	70.4	5.81	1.9	SR5	8/23/2017 19:45	30.17	74.6	5.94	2.4
SR5	8/23/2017 1:50	30.13	71.1	5.62	4.8	SR5	8/23/2017 7:50	29.93	70.5	5.61	3.8	SR5	8/23/2017 13:50	29.73	70.4	5.81	2.3	SR5	8/23/2017 19:50	30.11	74.5	5.96	2.0
SR5	8/23/2017 1:55	30.13	71.1	5.61	4.7	SR5	8/23/2017 7:55	29.98	70.6	5.61	4.7	SR5	8/23/2017 13:55	29.79	70.5	5.82	2.0	SR5	8/23/2017 19:55	30.13	74.6	5.96	2.7
SR5	8/23/2017 2:00	30.13	71.1	5.62	4.5	SR5	8/23/2017 8:00	29.82	70.2	5.55	4.2	SR5	8/23/2017 14:00	29.77	70.5	5.78	2.1	SR5	8/23/2017 20:00	30.00	74.6	5.94	2.5
SR5	8/23/2017 2:05	30.13	71.1	5.62	5.1	SR5	8/23/2017 8:05	29.81	70.1	5.53	4.1	SR5	8/23/2017 14:05	29.79	70.5	5.79	2.3	SR5	8/23/2017 20:05	29.99	74.7	5.97	2.3
SR5	8/23/2017 2:10	30.11	71.1	5.63	4.7	SR5	8/23/2017 8:10	29.78	70.0	5.53	3.7	SR5	8/23/2017 14:10	29.77	70.6	5.84	2.0	SR5	8/23/2017 20:10	30.17	74.7	5.98	2.3
SR5	8/23/2017 2:15	30.16	71.1	5.66	5.0	SR5	8/23/2017 8:15	29.81	70.1	5.52	4.1	SR5	8/23/2017 14:15	29.80	70.5	5.83	2.7	SR5	8/23/2017 20:15	30.10	74.7	5.94	2.4
SR5	8/23/2017 2:20	30.15	71.1	5.67	4.6	SR5	8/23/2017 8:20	29.79	70.1	5.56	3.8	SR5	8/23/2017 14:20	29.78	70.6	5.85	2.0	SR5	8/23/2017 20:20	30.18	74.7	5.94	2.7
SR5	8/23/2017 2:25	30.17	71.1	5.63	5.7	SR5	8/23/2017 8:25	29.77	70.1	5.52	3.9	SR5	8/23/2017 14:25	29.81	70.6	5.82	2.1	SR5	8/23/2017 20:25	30.14	74.7	5.96	2.7
SR5	8/23/2017 2:30	30.12	71.1	5.65	5.1	SR5	8/23/2017 8:30	29.78	70.1	5.56	4.5	SR5	8/23/2017 14:30	29.82	70.6	5.86	2.2	SR5	8/23/2017 20:30	29.93	74.8	5.97	2.7
SR5	8/23/2017 2:35	30.16	71.1	5.67	5.4	SR5	8/23/2017 8:35	29.75	70.0	5.55	4.2	SR5	8/23/2017 14:35	29.82	70.7	5.84	2.7	SR5	8/23/2017 20:35	29.88	74.8	5.99	2.4
SR5	8/23/2017 2:40	30.17	71.1	5.68	5.2	SR5	8/23/2017 8:40	29.74	69.9	5.54	4.7	SR5	8/23/2017 14:40	30.02	75.1	5.76	2.3	SR5	8/23/2017 20:40	30.12	74.8	5.99	2.4
SR5	8/23/2017 2:45	30.15	71.1	5.69	5.4	SR5	8/23/2017 8:45	29.77	69.8	5.52	4.2	SR5	8/23/2017 14:45	30.10	75.0	5.74	2.1	SR5	8/23/2017 20:45	30.02	74.8	5.98	2.6
SR5	8/23/2017 2:50	30.17	71.1	5.66	6.3	SR5	8/23/2017 8:50	29.74	69.9	5.56	3.7	SR5	8/23/2017 14:50	30.04	75.0	5.72	2.4	SR5	8/23/2017 20:50	30.19	74.9	5.99	2.3
SR5	8/23/2017 2:55	30.14	71.1	5.69	6.1	SR5	8/23/2017 8:55	29.74	69.8	5.56	3.7	SR5	8/23/2017 14:55	30.21	74.9	5.74	2.3	SR5	8/23/2017 20:55	30.07	74.9	6.01	2.2
SR5	8/23/2017 3:00	30.16	71.1	5.66	6.5	SR5	8/23/2017 9:00	29.77	70.1	5.60	4.2	SR5	8/23/2017 15:00	30.16	74.8	5.75	2.0	SR5	8/23/2017 21:00	29.98	74.9	5.97	2.1
SR5	8/23/2017 3:05	30.16	71.1	5.68	6.0	SR5	8/23/2017 9:05	29.75	70.1	5.56	4.0	SR5	8/23/2017 15:05	30.10	74.8	5.73	1.9	SR5	8/23/2017 21:05	29.92	74.9	6.02	2.0
SR5	8/23/2017 3:10	30.18	71.1	5.68	6.1	SR5	8/23/2017 9:10	29.79	70.1	5.59	4.5	SR5	8/23/2017 15:10	30.16	74.7	5.72	2.1	SR5	8/23/2017 21:10	30.08	74.9	6.02	2.0
SR5	8/23/2017 3:15	30.18	71.1	5.71	5.4	SR5	8/23/2017 9:15	29.76	70.1	5.61	4.5	SR5	8/23/2017 15:15	30.06	74.7	5.72	2.9	SR5	8/23/2017 21:15	30.15	74.9	5.98	2.3
SR5	8/23/2017 3:20	30.14	71.1	5.72	5.8	SR5	8/23/2017 9:20	29.78	70.1	5.59	4.4	SR5	8/23/2017 15:20	29.92	74.6	5.70	2.0	SR5	8/23/2017 21:20	29.89	75.0	6.01	2.5
SR5	8/23/2017 3:25	30.18	71.1	5.72	6.0	SR5	8/23/2017 9:25	29.76	70.1	5.59	4.1	SR5	8/23/2017 15:25	30.03	74.5	5.72	2.2	SR5	8/23/2017 21:25	30.02	75.0	5.99	1.9
SR5	8/23/2017 3:30	30.16	71.0	5.69	5.8	SR5	8/23/2017 9:30	29.80	70.1	5.59	4.4	SR5	8/23/2017 15:30	30.04	74.4	5.70	1.9	SR5	8/23/2017 21:30	30.05	75.0	6.01	2.2
SR5	8/23/2017 3:35	30.15	71.0	5.69	6.2	SR5	8/23/2017 9:35	29.80	70.1	5.61	5.4	SR5	8/23/2017 15:35	30.00	74.4	5.69	1.8	SR5	8/23/2017 21:35	30.06	75.0	6.00	2.0
SR5	8/23/2017 3:40	30.17	71.1	5.69	6.6	SR5	8/23/2017 9:40	29.80	70.2	5.63	4.4	SR5	8/23/2017 15:40	30.09	74.4	5.69	1.9	SR5	8/23/2017 21:40	30.08	75.0	5.99	2.4
SR5	8/23/2017 3:45	30.18	71.0	5.73	6.2	SR5	8/23/2017 9:45	29.80	70.2	5.66	4.6	SR5	8/23/2017 15:45	29.99	74.3	5.71	2.0	SR5	8/23/2017 21:45	29.96	75.0	6.04	2.4
SR5	8/23/2017 3:50	30.19	71.0	5.70	5.2	SR5	8/23/2017 9:50	29.81	70.2	5.66	5.4	SR5	8/23/2017 15:50	29.94	74.3	5.69	1.9	SR5	8/23/2017 21:50	30.05	75.0	6.04	2.2
SR5	8/23/2017 3:55	30.16	71.0	5.71	6.9	SR5	8/23/2017 9:55	29.83	70.2	5.63	4.5	SR5	8/23/2017 15:55	30.13	74.3	5.75	2.0	SR5	8/23/2017 21:55	29.96	75.1	6.02	2.3
SR5	8/23/2017 4:00	30.15	71.0	5.71	7.0	SR5	8/23/2017 10:00	29.81	70.3	5.67	5.8	SR5	8/23/2017 16:00	30.07	74.2	5.73	2.0	SR5	8/23/2017 22:00	30.18	75.1	6.04	2.0
SR5	8/23/2017 4:05	30.15	71.0	5.73	6.8	SR5	8/23/2017 10:05	29.81	70.3	5.64	4.3	SR5	8/23/2017 16:05	30.03	74.2	5.71	2.0	SR5	8/23/2017 22:05	29.91	75.1	6.04	2.0
SR5	8/23/2017 4:10	30.19	71.0	5.69	6.5	SR5	8/23/2017 10:10	29.84	70.3	5.65	5.9	SR5	8/23/2017 16:10	30.17	74.1	5.73	1.9	SR5	8/23/2017 22:10	29.88	75.1	6.06	2.0
SR5	8/23/2017 4:15	30.15	71.0	5.75	6.3	SR5	8/23/2017 10:15	29.82	70.3	5.70	5.0	SR5	8/23/2017 16:15	30.22	74.1	5.73	1.9	SR5	8/23/2017 22:15	30.00	75.1	6.03	2.4
SR5	8/23/2017 4:20	30.15	71.0	5.73	6.7	SR5	8/23/2017 10:20	29.81	70.3	5.71	5.4	SR5	8/23/2017 16:20	29.98	74.1	5.77	2.3	SR5	8/23/2017 22:20	30.22	75.1	6.05	2.3
SR5	8/23/2017 4:25	30.16	71.0	5.73	5.9	SR5	8/23/2017 10:25	29.80	70.3	5.67	6.1	SR5	8/23/2017 16:25	30.07	74.1	5.78	1.9	SR5	8/23/2017 22:25	30.10	75.1	6.02	2.6
SR5	8/23/2017 4:30	30.15	71.0	5.72	5.7	SR5	8/23/2017 10:30	29.85	70.4	5.69	6.0	SR5	8/23/2017 16:30	29.93	74.1	5.75	2.0	SR5	8/23/2017 22:30	29.94	75.1	6.05	2.1
SR5	8/23/2017 4:35	30.17	70.9	5.71	5.7	SR5	8/23/2017 10:35	29.82	70.4	5.70	5.6	SR5	8/23/2017 16:35	30.07	74.1	5.79	2.1	SR5	8/23/2017 22:35	30.23	75.1	6.06	2.0
SR5	8/23/2017 4:40	30.17	71.0	5.72	5.7	SR5	8/23/2017 10:40	29.84	70.4	5.68	5.2	SR5	8/23/2017 16:40	30.10	74.1	5.79	2.0	SR5	8/23/2017 22:40	29.92	75.1	6.07	2.5
SR5	8/23/2017 4:45	30.18	70.9	5.71	4.7	SR5	8/23/2017 10:45	29.85	70.4	5.73	5.8	SR5	8/23/2017 16:45	29.97	74.1	5.79	2.1	SR5	8/23/2017 22:45	30.22	75.0	6.06	2.1
SR5	8/23/2017 4:50	30.14	70.9	5.76	5.0	SR5	8/23/2017 10:50	29.85	70.4	5.74	5.0	SR5	8/23/2017 16:50	29.88	74.0	5.76	2.8	SR5	8/23/2017 22:50	30.14	75.1	6.06	2.9
SR5	8/23/2017 4:55	30.19	70.9	5.72	5.2	SR5	8/23/2017 10:55	29.85	70.4	5.75	4.8	SR5	8/23/2017 16:55	29.88	74.0	5.80	2.3	SR5	8/23/2017 22:55	30.07	75.1	6.05	2.3
SR5	8/23/2017 5:00	30.17	70.9	5.74	4.8	SR5	8/23/2017 11:00	29.87	70.5	5.73	5.0	SR5	8/23/2017 17:00	30.04	74.0	5.82	2.1	SR5	8/23/2017 23:00	30.04	75.0	6.06	2.0
SR5	8/23/2017 5:05	30.15	70.9	5.72	5.2	SR5	8/23/2017 11:05	29.86	70.5	5.76	4.9	SR5	8/23/2017 17:05	29.91	74.0	5.83	1.9	SR5	8/23/2017 23:05	30.15	75.0	6.03	2.1
SR5	8/23/2017 5:10	30.17	70.9	5.75	4.7	SR5	8/23/2017 11:10	29.84	70.5	5.76	5.9	SR5	8/23/2017 17:10	30.00	74.0	5.80	2.0	SR5	8/23/2017 23:10	30.14	75.1	6.06	2.8
SR5	8/23/2017 5:15	30.15	70.9	5.76	4.9	SR5	8/23/2017 11:15	29.84	70.5	5.78	4.7	SR5	8/23/2017 17:15	30.14	74.0	5.83	2.3	SR5	8/23/2017 23:15	30.12	75.0	6.06	2.6
SR5	8/23/2017 5:20	30.16	70.9	5.75	4.4	SR5	8/23/2017 11:20	29.87	70.5	5.75	5.2	SR5	8/23/2017 17:20	30.16	74.0	5.84	2.4	SR5	8/23/2017 23:20	30.10	75.1	6.06	2.2
SR5	8/23/2017 5:25	29.89	70.8	5.50	4.7	SR5	8/23/2017 11:25	29.86	70.5	5.76	2.2	SR5	8/23/2017 17:25	30.15	74.0	5.84	2.4	SR5	8/23/2017 23:25	30.07	75.0	6.06	2.2
SR5	8/23/2017 5:30	29.88	70.8	5.46	5.3	SR5	8/23/2017 11:30	29.64	69.9	5.64	1.7	SR5	8/23/2017 17:30	30.09	74.0	5.86	2.2	SR5	8/23/2017 23:30	29.91	75.0	6.08	2.5
SR5	8/23/2017 5:35	29.89	70.7	5.51	5.3	SR5	8/23/2017 11:35	29.63	69.8	5.62	1.8	SR5	8/23/2017 17:35	30.02	74.0	5.87	2.5	SR5	8/23/2017 23:35	29.91	75.0	6.08	2.8
SR5	8/23/2017 5:40	29.89	70.7	5.50	5.1	SR5	8/23/2017 11:40	29.61	69.8	5.64	1.6	SR5	8/23/2017 17:40	29.94	73.9	5.88	2.3	SR5	8/23/2017 23:40	29.97	75.0	6.09	1.8
SR5	8/23/2017 5:45	29.90	70.7	5.46	6.4	SR5	8/23/2017 11:45	29.61	69.9	5.64	3.3	SR5	8/23/2017 17:45	29.94	73.9	5.85	2.2	SR5	8/23/2017 23:45	29.89	74.4	5.69	2.3
SR5	8/23/2017 5:50	29.90	70.7	5.46	4.9	SR5	8/23/2017 11:50	29.63	69.9	5.62	1.7	SR5	8/23/2017 17:50	30.15	73.9	5.84	2.2	SR5	8/23/2017 23:50	29.91	74.3	5.71	1.9
SR5	8/23/2017 5:55	29.86	70.6	5.49	5.0	SR5	8/23/2017 11:55	29.64	69.9	5.66	1.5	SR5	8/23/2017 17:55	30.10	73.9	5.88	2.7	SR5	8/23/2017 23:55	30.21	74.3	5.69	2.2

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR12	8/23/2017 0:01	29.78	75.8	5.71	5.9	SR12	8/23/2017 6:01	29.88	70.2	5.59	5.6	SR12	8/23/2017 12:01	29.65	70.7	5.77	5.3	SR12	8/23/2017 18:01	30.09	73.4	5.84	5.3
SR12	8/23/2017 0:06	29.79	75.6	5.73	5.7	SR12	8/23/2017 6:06	29.89	70.2	5.59	5.5	SR12	8/23/2017 12:06	29.65	70.7	5.79	5.4	SR12	8/23/2017 18:06	30.29	73.4	5.87	5.2
SR12	8/23/2017 0:11	29.79	75.6	5.70	6.8	SR12	8/23/2017 6:11	29.89	70.2	5.60	5.4	SR12	8/23/2017 12:11	29.64	70.8	5.77	5.5	SR12	8/23/2017 18:11	30.29	73.5	5.88	5.2
SR12	8/23/2017 0:16	29.80	75.5	5.74	5.5	SR12	8/23/2017 6:16	29.89	70.2	5.59	5.3	SR12	8/23/2017 12:16	29.66	70.7	5.77	5.4	SR12	8/23/2017 18:16	30.21	73.5	5.89	5.7
SR12	8/23/2017 0:21	29.83	75.4	5.74	5.6	SR12	8/23/2017 6:21	29.88	70.2	5.59	5.3	SR12	8/23/2017 12:21	29.66	70.9	5.80	5.2	SR12	8/23/2017 18:21	30.12	73.6	5.86	5.3
SR12	8/23/2017 0:26	29.82	75.3	5.74	5.7	SR12	8/23/2017 6:26	29.89	70.2	5.62	5.2	SR12	8/23/2017 12:26	29.68	70.9	5.78	5.4	SR12	8/23/2017 18:26	30.28	73.6	5.89	5.2
SR12	8/23/2017 0:31	29.83	75.2	5.72	5.7	SR12	8/23/2017 6:31	29.82	70.1	5.54	5.5	SR12	8/23/2017 12:31	29.69	70.8	5.78	5.4	SR12	8/23/2017 18:31	30.23	73.7	5.88	5.3
SR12	8/23/2017 0:36	29.85	75.1	5.70	5.6	SR12	8/23/2017 6:36	29.80	70.0	5.57	5.5	SR12	8/23/2017 12:36	29.71	70.8	5.80	5.5	SR12	8/23/2017 18:36	30.26	73.7	5.89	5.2
SR12	8/23/2017 0:41	29.84	75.0	5.71	5.7	SR12	8/23/2017 6:41	29.80	70.1	5.57	5.3	SR12	8/23/2017 12:41	29.69	70.8	5.81	5.4	SR12	8/23/2017 18:41	30.28	73.7	5.91	5.3
SR12	8/23/2017 0:46	29.92	71.1	5.40	5.9	SR12	8/23/2017 6:46	29.81	70.0	5.56	5.2	SR12	8/23/2017 12:46	29.71	70.9	5.80	5.4	SR12	8/23/2017 18:46	30.34	76.7	5.91	5.1
SR12	8/23/2017 0:51	29.94	71.1	5.43	5.6	SR12	8/23/2017 6:51	29.80	70.0	5.58	5.5	SR12	8/23/2017 12:51	29.71	70.9	5.82	5.6	SR12	8/23/2017 18:51	30.33	76.7	5.89	5.3
SR12	8/23/2017 0:56	29.93	71.1	5.45	5.9	SR12	8/23/2017 6:56	29.79	70.0	5.57	5.3	SR12	8/23/2017 12:56	29.72	70.9	5.80	5.5	SR12	8/23/2017 18:56	30.26	76.6	5.89	5.3
SR12	8/23/2017 1:01	29.94	71.0	5.42	5.9	SR12	8/23/2017 7:01	29.83	70.1	5.60	5.2	SR12	8/23/2017 13:01	29.73	70.9	5.82	5.4	SR12	8/23/2017 19:01	30.30	75.7	5.82	5.3
SR12	8/23/2017 1:06	29.95	71.0	5.42	5.9	SR12	8/23/2017 7:06	29.82	70.2	5.60	5.7	SR12	8/23/2017 13:06	29.74	70.9	5.81	6.4	SR12	8/23/2017 19:06	30.35	74.4	5.73	5.5
SR12	8/23/2017 1:11	29.93	71.0	5.43	5.9	SR12	8/23/2017 7:11	29.78	70.2	5.61	5.3	SR12	8/23/2017 13:11	29.75	71.0	5.84	5.5	SR12	8/23/2017 19:11	30.26	75.2	5.80	5.9
SR12	8/23/2017 1:16	29.96	71.0	5.46	6.1	SR12	8/23/2017 7:16	29.79	70.2	5.61	5.8	SR12	8/23/2017 13:16	29.74	71.0	5.81	5.4	SR12	8/23/2017 19:16	30.34	75.5	5.83	5.6
SR12	8/23/2017 1:21	29.95	71.0	5.43	5.7	SR12	8/23/2017 7:21	29.80	70.2	5.62	5.4	SR12	8/23/2017 13:21	29.75	71.0	5.82	5.5	SR12	8/23/2017 19:21	30.35	75.9	5.85	5.6
SR12	8/23/2017 1:26	29.94	71.0	5.45	5.9	SR12	8/23/2017 7:26	29.78	70.2	5.63	5.3	SR12	8/23/2017 13:26	29.75	71.0	5.82	5.4	SR12	8/23/2017 19:26	30.26	75.4	5.82	5.5
SR12	8/23/2017 1:31	29.95	71.0	5.48	5.9	SR12	8/23/2017 7:31	29.79	70.2	5.63	5.3	SR12	8/23/2017 13:31	29.78	71.0	5.82	5.8	SR12	8/23/2017 19:31	30.21	75.5	5.82	5.8
SR12	8/23/2017 1:36	29.94	70.9	5.46	6.0	SR12	8/23/2017 7:36	29.77	70.2	5.62	5.8	SR12	8/23/2017 13:36	29.73	71.1	5.79	5.8	SR12	8/23/2017 19:36	30.29	75.5	5.84	5.9
SR12	8/23/2017 1:41	29.95	71.0	5.48	6.3	SR12	8/23/2017 7:41	29.80	70.2	5.64	5.4	SR12	8/23/2017 13:41	29.73	71.1	5.79	5.4	SR12	8/23/2017 19:41	30.32	75.8	5.87	5.9
SR12	8/23/2017 1:46	29.97	71.0	5.49	5.9	SR12	8/23/2017 7:46	29.79	70.2	5.64	5.3	SR12	8/23/2017 13:46	29.76	71.2	5.82	5.4	SR12	8/23/2017 19:46	30.29	75.8	5.87	5.3
SR12	8/23/2017 1:51	29.96	71.0	5.49	5.6	SR12	8/23/2017 7:51	29.79	70.2	5.63	5.4	SR12	8/23/2017 13:51	29.72	71.2	5.80	6.2	SR12	8/23/2017 19:51	30.27	75.0	5.82	5.7
SR12	8/23/2017 1:56	29.96	70.9	5.48	5.6	SR12	8/23/2017 7:56	29.81	70.3	5.65	5.3	SR12	8/23/2017 13:56	29.75	71.2	5.81	5.5	SR12	8/23/2017 19:56	30.30	75.5	5.85	6.0
SR12	8/23/2017 2:01	29.95	70.9	5.49	5.6	SR12	8/23/2017 8:01	29.73	70.1	5.60	5.3	SR12	8/23/2017 14:01	29.73	71.2	5.81	5.6	SR12	8/23/2017 20:01	30.26	75.5	5.85	5.7
SR12	8/23/2017 2:06	29.95	70.9	5.49	5.5	SR12	8/23/2017 8:06	29.71	70.0	5.58	5.3	SR12	8/23/2017 14:06	29.76	71.3	5.82	5.4	SR12	8/23/2017 20:06	30.25	75.5	5.86	5.6
SR12	8/23/2017 2:11	29.94	70.9	5.50	5.4	SR12	8/23/2017 8:11	29.70	70.1	5.61	6.0	SR12	8/23/2017 14:11	29.74	71.2	5.83	5.4	SR12	8/23/2017 20:11	30.30	75.5	5.88	5.5
SR12	8/23/2017 2:16	30.02	70.8	5.58	5.5	SR12	8/23/2017 8:16	29.71	70.2	5.59	5.4	SR12	8/23/2017 14:16	29.79	71.2	5.82	5.5	SR12	8/23/2017 20:16	30.30	75.5	5.87	6.1
SR12	8/23/2017 2:21	30.00	70.7	5.60	5.4	SR12	8/23/2017 8:21	29.71	70.2	5.62	5.4	SR12	8/23/2017 14:21	29.76	71.3	5.84	5.6	SR12	8/23/2017 20:21	30.31	75.5	5.85	6.1
SR12	8/23/2017 2:26	30.01	70.8	5.58	5.6	SR12	8/23/2017 8:26	29.70	70.2	5.59	5.4	SR12	8/23/2017 14:26	29.79	71.3	5.82	5.5	SR12	8/23/2017 20:26	30.31	75.5	5.88	7.4
SR12	8/23/2017 2:31	30.00	70.8	5.59	5.7	SR12	8/23/2017 8:31	29.71	70.2	5.61	5.5	SR12	8/23/2017 14:31	29.80	71.3	5.82	5.5	SR12	8/23/2017 20:31	30.24	75.5	5.87	5.9
SR12	8/23/2017 2:36	29.99	70.7	5.61	5.5	SR12	8/23/2017 8:36	29.67	70.2	5.62	5.6	SR12	8/23/2017 14:36	29.82	71.3	5.82	5.5	SR12	8/23/2017 20:36	30.22	75.5	5.89	5.6
SR12	8/23/2017 2:41	30.02	70.8	5.61	5.6	SR12	8/23/2017 8:41	29.74	70.2	5.61	5.4	SR12	8/23/2017 14:41	29.91	73.6	5.79	5.8	SR12	8/23/2017 20:41	30.31	75.5	5.89	5.6
SR12	8/23/2017 2:46	29.98	70.7	5.61	5.8	SR12	8/23/2017 8:46	29.76	70.2	5.62	5.4	SR12	8/23/2017 14:46	29.82	71.8	5.85	5.4	SR12	8/23/2017 20:46	30.28	75.5	5.90	5.8
SR12	8/23/2017 2:51	30.00	70.7	5.61	5.6	SR12	8/23/2017 8:51	29.73	70.3	5.66	5.6	SR12	8/23/2017 14:51	29.83	71.9	5.84	5.7	SR12	8/23/2017 20:51	30.32	75.5	5.91	5.8
SR12	8/23/2017 2:56	30.04	70.9	5.66	5.6	SR12	8/23/2017 8:56	29.78	70.3	5.64	5.4	SR12	8/23/2017 14:56	29.84	72.0	5.85	5.4	SR12	8/23/2017 20:56	30.28	75.5	5.92	5.9
SR12	8/23/2017 3:01	30.00	71.0	5.63	5.5	SR12	8/23/2017 9:01	29.78	70.3	5.64	5.5	SR12	8/23/2017 15:01	29.89	72.1	5.83	5.6	SR12	8/23/2017 21:01	30.26	75.4	5.88	5.8
SR12	8/23/2017 3:06	30.03	71.0	5.67	5.8	SR12	8/23/2017 9:06	29.77	70.3	5.63	5.5	SR12	8/23/2017 15:06	29.90	72.3	5.83	5.4	SR12	8/23/2017 21:06	30.25	75.4	5.91	5.9
SR12	8/23/2017 3:11	30.05	71.0	5.68	5.4	SR12	8/23/2017 9:11	29.80	70.3	5.64	5.7	SR12	8/23/2017 15:11	29.87	72.1	5.86	5.6	SR12	8/23/2017 21:11	30.31	75.4	5.91	5.7
SR12	8/23/2017 3:16	30.05	71.1	5.64	5.5	SR12	8/23/2017 9:16	29.79	70.3	5.68	5.4	SR12	8/23/2017 15:16	29.86	72.1	5.84	5.8	SR12	8/23/2017 21:16	30.32	75.4	5.89	5.7
SR12	8/23/2017 3:21	30.06	71.1	5.69	5.6	SR12	8/23/2017 9:21	29.80	70.3	5.70	5.3	SR12	8/23/2017 15:21	29.88	72.2	5.85	5.5	SR12	8/23/2017 21:21	30.30	75.4	5.90	6.0
SR12	8/23/2017 3:26	30.05	71.1	5.65	5.6	SR12	8/23/2017 9:26	29.80	70.3	5.66	5.5	SR12	8/23/2017 15:26	29.91	72.2	5.83	5.5	SR12	8/23/2017 21:26	30.33	75.4	5.95	5.9
SR12	8/23/2017 3:31	30.08	71.1	5.69	6.0	SR12	8/23/2017 9:31	29.80	70.4	5.71	5.4	SR12	8/23/2017 15:31	29.92	72.2	5.88	5.4	SR12	8/23/2017 21:31	30.32	75.4	5.92	5.6
SR12	8/23/2017 3:36	30.05	71.1	5.69	5.8	SR12	8/23/2017 9:36	29.83	70.4	5.71	5.2	SR12	8/23/2017 15:36	29.90	72.2	5.89	5.3	SR12	8/23/2017 21:36	30.31	75.4	5.95	5.9
SR12	8/23/2017 3:41	30.05	71.2	5.70	5.5	SR12	8/23/2017 9:41	29.81	70.4	5.73	5.3	SR12	8/23/2017 15:41	29.94	72.2	5.89	5.2	SR12	8/23/2017 21:41	30.31	75.4	5.97	5.6
SR12	8/23/2017 3:46	30.05	71.2	5.70	5.6	SR12	8/23/2017 9:46	29.83	70.4	5.73	5.6	SR12	8/23/2017 15:46	29.93	72.2	5.87	5.3	SR12	8/23/2017 21:46	30.35	75.4	5.96	5.5
SR12	8/23/2017 3:51	30.06	71.2	5.71	5.6	SR12	8/23/2017 9:51	29.85	70.4	5.71	5.3	SR12	8/23/2017 15:51	29.94	72.2	5.91	5.2	SR12	8/23/2017 21:51	30.33	75.4	5.95	5.6
SR12	8/23/2017 3:56	30.08	71.1	5.72	5.4	SR12	8/23/2017 9:56	29.81	70.5	5.75	5.3	SR12	8/23/2017 15:56	29.96	72.2	5.89	5.6	SR12	8/23/2017 21:56	30.37	75.4	5.97	5.9
SR12	8/23/2017 4:01	30.04	71.2	5.74	5.5	SR12	8/23/2017 10:01	29.86	70.4	5.76	5.4	SR12	8/23/2017 16:01	29.96	72.2	5.87	5.4	SR12	8/23/2017 22:01	30.34	75.4	5.95	5.8
SR12	8/23/2017 4:06	30.08	71.1	5.74	5.6	SR12	8/23/2017 10:06	29.84	70.4	5.75	5.2	SR12	8/23/2017 16:06	29.99	72.3	5.92	6.0	SR12	8/23/2017 22:06	30.36	75.4	5.95	6.0
SR12	8/23/2017 4:11	30.10	71.1	5.75	5.3	SR12	8/23/2017 10:11	29.87	70.5	5.78	5.4	SR12	8/23/2017 16:11	29.98	72.2	5.91	5.4	SR12	8/23/2017 22:11	30.34	75.4	6.00	6.1
SR12	8/23/2017 4:16	30.10	71.1	5.71	5.6	SR12	8/23/2017 10:16	29.86	70.5	5.74	5.5	SR12	8/23/2017 16:16	30.02	72.2	5.90	5.4	SR12	8/23/2017 22:16	30.38	75.4	5.96	5.7
SR12	8/23/2017 4:21	30.12	71.1	5.75	5.5	SR12	8/23/2017 10:21	29.87	70.5	5.78	5.4	SR12	8/23/2017 16:21	29.97	72.3	5.90	5.5	SR12	8/23/2017 22:21	30.36	75.4	6.00	5.6
SR12	8/23/2017 4:26	30.07	71.1	5.76	5.4	SR12	8/23/2017 10:26	29.89	70.5	5.79	5.3	SR12	8/23/2017 16:26	29.99	72.3	5.94	5.4	SR12	8/23/2017 22:26	30.36	75.4	6.01	5.7
SR12	8/23/2017 4:31	30.11	71.1	5.77	5.5	SR12	8/23/2017 10:31	29.88	70.5	5.78	5.4	SR12	8/23/2017 16:31	30.03	72.3	5.91	5.4	SR12	8/23/2017 22:31	30.36	75.4	5.99	6.6
SR12	8/23/2017 4:36	30.11	71.1	5.77	6.4	SR12	8/23/2017 10:36	29.87	70.5	5.80	5.6	SR12	8/23/2017 16:36	30.01	72.3	5.95	5.3	SR12	8/23/2017 22:36	30.40	75.4	6.03	6.6
SR12	8/23/2017 4:41	30.12	71.0	5.77	5.2	SR12	8/23/2017 10:41	29.88	70.6	5.77	5.3	SR12	8/23/2017 16:41	30.02	72.3	5.93	5.5	SR12	8/23/2017 22:41	30.35	75.4	5.99	5.8
SR12	8/23/2017 4:46	30.12	71.0	5.79	5.1	SR12	8/23/2017 10:46	29.86	70.6	5.80	5.5	SR12	8/23/2017 16:46	30.02	72.4	5.96	5.2	SR12	8/23/2017 22:46	30.38	75.4	6.01	5.6
SR12	8/23/2017 4:51	30.10	71.0	5.77	5.4	SR12	8/23/2017 10:51	29.88	70.6	5.81	5.7	SR12	8/23/2017 16:51	30.05	72.4	5.95	5.2	SR12	8/23/2017 22:51	30.39	75.4	6.02	6.3
SR12	8/23/2017 4:56	30.11	71.0	5.75	5.3	SR12	8/23/2017 10:56	29.73	70.9	5.78	5.5	SR12	8/23/2017 16:56	30.03	72.4	5.95	5.6	SR12	8/23/2017 22:56	30.38	75.3	6.03	6.1
SR12	8/23/2017 5:01	29.98	70.4	5.66	5.3	SR12	8/23/2017 11:01	29.74	71.0	5.78	5.3	SR12	8/23/2017 17:01	30.03	72.4	5.95	5.3	SR12	8/23/2017 23:01	30.40	75.3	6.04	5.9
SR12	8/23/2017 5:06	29.98	70.4	5.64	5.4	SR12	8/23/2017 11:06	29.73	70.9	5.79	5.5	SR12	8/23/2017 17:06	30.02	72.4	5.95	5.3	SR12	8/23/2017 23:06	30.39	75.3	6.04	6.2
SR12	8/23/2017 5:11	29.97	70.4	5.66	5.1	SR12	8/23/2017 11:11	29.72	70.9	5.79	5.5	SR12	8/23/2017 17:11	30.08	72.4	5.98	5.6	SR12	8/23/2017 23:11	30.38	75.3	6.06	6.0
SR12	8/23/2017 5:16	29.97	70.4	5.66	5.3	SR12	8/23/2017 11:16	29.73	70.9	5.81	5.4	SR12	8/23/2017 17:16	30.05	72.5	5.96	5.5	SR12	8/23/2017 23:16	30.43	75.3	6.02	5.7
SR12	8/23/2017 5:21	29.98	70.4	5.65	6.0	SR12	8/23/2017 11:21	29.73	71.0	5.79	5.4	SR12	8/23/2017 17:21	30.08	72.5	5.96	5.4	SR12	8/23/2017 23:21	30.41	75.3	6.02	5.9
SR12	8/23/2017 5:26	29.90	70.4	5.59	5.3	SR12	8/23/2017 11:26	29.73	70.9	5.79	5.3	SR12	8/23/2017 17:26	30.10	72.5	5.96	5.5	SR12	8/23/2017 23:26	30.43	75.3	6.04	5.9
SR12	8/23/2017 5:31	29.89	70.3	5.57	5.4	SR12	8/23/2017 11:31	29.65	70.7	5.76	5.2	SR12	8/23/2017 17:31	30.11	72.5	5.98	5.5	SR12	8/23/2017 23:31	30.39	75.3	6.02	5.4
SR12	8/23/2017 5:36	29.90	70.3	5.59	5.3	SR12	8/23/2017 11:36	29.65	70.6	5.76	5.2	SR12	8/23/2017 17:36	30.10	72.6	5.95	5.4	SR12	8/23/2017 23:36	30.40	75.3	6.02	5.7
SR12	8/23/2017 5:41	29.88	70.3	5.57	5.4	SR12	8/23/2017 11:41	29.64	70.6	5.76	5.4	SR12	8/23/2017 17:41	30.10	72.6	6.00	5.6	SR12	8/23/2017 23:41	30.43	75.3	6.02	5.7
SR12	8/23/2017 5:46	29.90	70.3	5.57	5.7	SR12	8/23/2017 11:46	29.64	70.6	5.75	5.2	SR12	8/23/2017 17:46	30.12	73.4	5.85	5.4	SR12	8/23/2017 23:46	30.41	75.2	6.00	5.6
SR12	8/23/2017 5:51	29.90	70.3	5.56	5.7	SR12	8/23/2017 11:51	29.65	70.6	5.76	5.3	SR12	8/23/2017 17:51	30.22	73.5	5.83	5.4	SR12	8/23/2017 23:51	30.44	75.2	6.03	5.6
SR12	8/23/2017 5:56	29.87	70.3	5.57	6.1	SR12	8/23/2017 11:56	29.64	70.6	5.77	5.2	SR12	8/23/2017 17:56	30.21	73.4	5.85	5.4	SR12	8/23/2017 23:56	30.42	75.2	6.04	6.3

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR13	8/23/2017 0:00	29.95	70.7	5.44	5.6	SR13	8/23/2017 6:00	29.69	69.5	5.54	5.6	SR13	8/23/2017 12:00	29.53	71.2	5.80	6.2	SR13	8/23/2017 18:00	30.29	73.0	5.82	5.9
SR13	8/23/2017 0:05	29.93	70.9	5.47	5.7	SR13	8/23/2017 6:05	29.69	69.5	5.54	5.8	SR13	8/23/2017 12:05	29.52	71.4	5.82	6.3	SR13	8/23/2017 18:05	30.33	72.9	5.86	6.0
SR13	8/23/2017 0:10	29.92	70.9	5.49	7.9	SR13	8/23/2017 6:10	29.69	69.5	5.56	5.9	SR13	8/23/2017 12:10	29.52	71.5	5.82	6.4	SR13	8/23/2017 18:10	30.34	73.1	5.88	5.9
SR13	8/23/2017 0:15	29.90	70.8	5.46	5.4	SR13	8/23/2017 6:15	29.69	69.5	5.53	5.6	SR13	8/23/2017 12:15	29.57	71.4	5.81	6.3	SR13	8/23/2017 18:15	30.31	73.2	5.88	5.9
SR13	8/23/2017 0:20	29.94	70.7	5.46	5.8	SR13	8/23/2017 6:20	29.68	69.5	5.52	7.7	SR13	8/23/2017 12:20	29.59	71.6	5.83	6.7	SR13	8/23/2017 18:20	30.34	73.3	5.84	5.7
SR13	8/23/2017 0:25	29.89	70.9	5.47	5.5	SR13	8/23/2017 6:25	29.70	69.5	5.57	5.6	SR13	8/23/2017 12:25	29.60	71.6	5.81	6.5	SR13	8/23/2017 18:25	30.36	73.4	5.88	5.8
SR13	8/23/2017 0:30	29.90	70.9	5.46	5.5	SR13	8/23/2017 6:30	29.69	69.6	5.55	5.9	SR13	8/23/2017 12:30	29.60	71.6	5.80	6.5	SR13	8/23/2017 18:30	30.35	73.4	5.86	5.7
SR13	8/23/2017 0:35	29.91	71.0	5.51	5.6	SR13	8/23/2017 6:35	29.70	69.5	5.58	5.6	SR13	8/23/2017 12:35	29.62	71.5	5.80	6.6	SR13	8/23/2017 18:35	30.35	73.4	5.90	6.3
SR13	8/23/2017 0:40	29.89	70.8	5.50	5.7	SR13	8/23/2017 6:40	29.67	69.5	5.57	5.9	SR13	8/23/2017 12:40	29.61	71.5	5.81	6.3	SR13	8/23/2017 18:40	30.37	73.6	5.88	5.7
SR13	8/23/2017 0:45	29.88	70.8	5.46	5.5	SR13	8/23/2017 6:45	29.70	69.4	5.56	5.8	SR13	8/23/2017 12:45	29.64	71.7	5.83	6.2	SR13	8/23/2017 18:45	30.55	79.1	5.87	5.6
SR13	8/23/2017 0:50	29.89	70.7	5.51	5.6	SR13	8/23/2017 6:50	29.67	69.4	5.57	5.7	SR13	8/23/2017 12:50	29.63	71.6	5.81	6.3	SR13	8/23/2017 18:50	30.54	79.2	5.87	6.0
SR13	8/23/2017 0:55	29.89	70.7	5.50	5.6	SR13	8/23/2017 6:55	29.66	69.4	5.53	5.9	SR13	8/23/2017 12:55	29.66	71.6	5.78	6.2	SR13	8/23/2017 18:55	30.54	78.9	5.86	5.5
SR13	8/23/2017 1:00	29.90	70.7	5.46	5.8	SR13	8/23/2017 7:00	29.69	69.6	5.60	6.1	SR13	8/23/2017 13:00	29.65	71.5	5.79	6.4	SR13	8/23/2017 19:00	30.52	77.1	5.74	5.7
SR13	8/23/2017 1:05	29.90	70.7	5.46	5.5	SR13	8/23/2017 7:05	29.69	69.8	5.62	6.2	SR13	8/23/2017 13:05	29.67	71.6	5.77	6.3	SR13	8/23/2017 19:05	30.51	74.6	5.54	5.8
SR13	8/23/2017 1:10	29.86	70.6	5.49	5.5	SR13	8/23/2017 7:10	29.64	69.8	5.60	8.2	SR13	8/23/2017 13:10	29.69	71.8	5.84	6.3	SR13	8/23/2017 19:10	30.50	75.7	5.63	5.8
SR13	8/23/2017 1:15	29.90	70.5	5.51	5.5	SR13	8/23/2017 7:15	29.63	69.7	5.62	6.5	SR13	8/23/2017 13:15	29.68	71.8	5.79	5.8	SR13	8/23/2017 19:15	30.48	76.6	5.70	6.0
SR13	8/23/2017 1:20	29.89	70.5	5.47	5.6	SR13	8/23/2017 7:20	29.64	69.9	5.64	6.1	SR13	8/23/2017 13:20	29.71	71.8	5.79	5.9	SR13	8/23/2017 19:20	30.45	77.7	5.77	5.8
SR13	8/23/2017 1:25	29.86	70.5	5.49	5.4	SR13	8/23/2017 7:25	29.63	69.8	5.62	5.9	SR13	8/23/2017 13:25	29.69	71.7	5.81	6.1	SR13	8/23/2017 19:25	30.43	76.4	5.68	7.7
SR13	8/23/2017 1:30	29.90	70.5	5.51	5.6	SR13	8/23/2017 7:30	29.61	69.8	5.64	5.8	SR13	8/23/2017 13:30	29.73	71.7	5.79	6.0	SR13	8/23/2017 19:30	30.40	76.9	5.72	6.0
SR13	8/23/2017 1:35	29.87	70.5	5.50	5.4	SR13	8/23/2017 7:35	29.61	69.9	5.64	5.9	SR13	8/23/2017 13:35	29.70	71.8	5.80	6.4	SR13	8/23/2017 19:35	30.39	76.7	5.72	6.0
SR13	8/23/2017 1:40	29.88	70.6	5.52	5.6	SR13	8/23/2017 7:40	29.63	69.9	5.62	5.9	SR13	8/23/2017 13:40	29.70	71.9	5.79	7.0	SR13	8/23/2017 19:40	30.37	77.6	5.80	6.0
SR13	8/23/2017 1:45	29.88	70.6	5.52	6.0	SR13	8/23/2017 7:45	29.64	69.9	5.66	6.9	SR13	8/23/2017 13:45	29.74	71.9	5.82	6.0	SR13	8/23/2017 19:45	30.36	77.6	5.79	5.9
SR13	8/23/2017 1:50	29.88	70.6	5.52	5.6	SR13	8/23/2017 7:50	29.64	69.9	5.64	7.8	SR13	8/23/2017 13:50	29.71	71.9	5.79	6.3	SR13	8/23/2017 19:50	30.35	75.4	5.63	5.8
SR13	8/23/2017 1:55	29.88	70.5	5.49	5.5	SR13	8/23/2017 7:55	29.64	70.0	5.68	6.2	SR13	8/23/2017 13:55	29.70	72.0	5.80	6.2	SR13	8/23/2017 19:55	30.40	76.7	5.73	5.5
SR13	8/23/2017 2:00	29.84	70.5	5.51	5.6	SR13	8/23/2017 8:00	29.64	70.0	5.65	6.4	SR13	8/23/2017 14:00	29.69	72.0	5.83	6.2	SR13	8/23/2017 20:00	30.41	76.7	5.74	5.6
SR13	8/23/2017 2:05	29.84	70.5	5.51	5.6	SR13	8/23/2017 8:05	29.61	70.0	5.63	6.2	SR13	8/23/2017 14:05	29.72	72.1	5.84	5.8	SR13	8/23/2017 20:05	30.40	76.6	5.73	5.8
SR13	8/23/2017 2:10	29.84	70.5	5.54	5.5	SR13	8/23/2017 8:10	29.61	70.2	5.69	6.2	SR13	8/23/2017 14:10	29.71	71.9	5.81	5.9	SR13	8/23/2017 20:10	30.38	76.7	5.78	5.7
SR13	8/23/2017 2:15	29.87	70.4	5.50	5.4	SR13	8/23/2017 8:15	29.61	70.2	5.65	7.1	SR13	8/23/2017 14:15	29.77	71.8	5.80	5.8	SR13	8/23/2017 20:15	30.43	76.6	5.76	5.8
SR13	8/23/2017 2:20	29.84	70.4	5.52	5.3	SR13	8/23/2017 8:20	29.62	70.2	5.67	6.0	SR13	8/23/2017 14:20	29.74	72.0	5.83	5.8	SR13	8/23/2017 20:20	30.38	76.6	5.74	5.6
SR13	8/23/2017 2:25	29.84	70.5	5.52	5.7	SR13	8/23/2017 8:25	29.62	70.3	5.66	6.0	SR13	8/23/2017 14:25	29.76	72.0	5.82	5.7	SR13	8/23/2017 20:25	30.42	76.4	5.76	5.6
SR13	8/23/2017 2:30	29.87	70.5	5.52	5.3	SR13	8/23/2017 8:30	29.63	70.4	5.66	6.2	SR13	8/23/2017 14:30	29.78	71.9	5.78	6.4	SR13	8/23/2017 20:30	30.42	76.4	5.73	6.0
SR13	8/23/2017 2:35	29.82	70.4	5.55	5.6	SR13	8/23/2017 8:35	29.59	70.3	5.69	5.9	SR13	8/23/2017 14:35	29.81	71.9	5.79	7.0	SR13	8/23/2017 20:35	30.44	76.6	5.75	5.7
SR13	8/23/2017 2:40	29.86	70.4	5.54	5.4	SR13	8/23/2017 8:40	29.60	70.5	5.70	7.6	SR13	8/23/2017 14:40	29.80	72.0	5.82	6.6	SR13	8/23/2017 20:40	30.45	76.5	5.75	6.3
SR13	8/23/2017 2:45	29.81	70.3	5.52	5.6	SR13	8/23/2017 8:45	29.61	70.5	5.67	6.3	SR13	8/23/2017 14:45	29.80	71.9	5.79	6.4	SR13	8/23/2017 20:45	30.45	76.5	5.77	5.4
SR13	8/23/2017 2:50	29.82	70.4	5.56	5.6	SR13	8/23/2017 8:50	29.60	70.6	5.69	6.3	SR13	8/23/2017 14:50	29.84	71.9	5.82	6.0	SR13	8/23/2017 20:50	30.43	76.5	5.79	5.6
SR13	8/23/2017 2:55	29.83	70.2	5.54	5.5	SR13	8/23/2017 8:55	29.62	70.6	5.70	6.1	SR13	8/23/2017 14:55	29.87	71.8	5.77	6.0	SR13	8/23/2017 20:55	30.43	76.3	5.78	5.7
SR13	8/23/2017 3:00	29.82	70.2	5.51	5.4	SR13	8/23/2017 9:00	29.58	70.8	5.74	6.1	SR13	8/23/2017 15:00	29.85	71.9	5.82	6.1	SR13	8/23/2017 21:00	30.43	76.1	5.74	5.8
SR13	8/23/2017 3:05	29.79	70.3	5.54	5.2	SR13	8/23/2017 9:05	29.61	70.8	5.75	6.1	SR13	8/23/2017 15:05	29.88	71.9	5.78	6.2	SR13	8/23/2017 21:05	30.44	76.2	5.74	5.5
SR13	8/23/2017 3:10	29.83	70.2	5.54	5.2	SR13	8/23/2017 9:10	29.61	70.9	5.75	6.0	SR13	8/23/2017 15:10	29.88	71.8	5.77	6.0	SR13	8/23/2017 21:10	30.47	76.1	5.75	5.4
SR13	8/23/2017 3:15	29.81	70.2	5.55	5.6	SR13	8/23/2017 9:15	29.59	71.0	5.77	6.1	SR13	8/23/2017 15:15	29.89	71.8	5.77	6.0	SR13	8/23/2017 21:15	30.43	76.0	5.75	6.0
SR13	8/23/2017 3:20	29.78	70.2	5.55	5.5	SR13	8/23/2017 9:20	29.58	71.1	5.75	6.2	SR13	8/23/2017 15:20	29.90	71.8	5.78	6.1	SR13	8/23/2017 21:20	30.46	75.9	5.76	5.8
SR13	8/23/2017 3:25	29.82	70.2	5.55	5.3	SR13	8/23/2017 9:25	29.61	71.2	5.79	6.0	SR13	8/23/2017 15:25	29.93	71.8	5.76	6.0	SR13	8/23/2017 21:25	30.48	76.0	5.76	5.7
SR13	8/23/2017 3:30	29.81	70.1	5.53	5.3	SR13	8/23/2017 9:30	29.56	71.1	5.79	6.1	SR13	8/23/2017 15:30	29.94	71.8	5.78	5.9	SR13	8/23/2017 21:30	30.44	75.9	5.77	5.6
SR13	8/23/2017 3:35	29.78	70.0	5.53	5.5	SR13	8/23/2017 9:35	29.57	71.1	5.76	5.9	SR13	8/23/2017 15:35	29.94	71.7	5.75	6.1	SR13	8/23/2017 21:35	30.43	75.8	5.77	5.2
SR13	8/23/2017 3:40	29.81	70.1	5.52	5.3	SR13	8/23/2017 9:40	29.56	71.3	5.81	6.0	SR13	8/23/2017 15:40	30.00	71.8	5.75	6.0	SR13	8/23/2017 21:40	30.45	75.9	5.79	6.3
SR13	8/23/2017 3:45	29.79	70.1	5.56	5.3	SR13	8/23/2017 9:45	29.58	71.4	5.79	6.1	SR13	8/23/2017 15:45	30.00	71.8	5.76	6.1	SR13	8/23/2017 21:45	30.45	75.6	5.76	5.3
SR13	8/23/2017 3:50	29.77	70.1	5.52	5.7	SR13	8/23/2017 9:50	29.58	71.5	5.78	6.4	SR13	8/23/2017 15:50	29.99	71.8	5.74	5.9	SR13	8/23/2017 21:50	30.47	75.6	5.74	5.3
SR13	8/23/2017 3:55	29.78	70.1	5.56	5.6	SR13	8/23/2017 9:55	29.56	71.4	5.82	7.0	SR13	8/23/2017 15:55	30.02	71.9	5.77	6.1	SR13	8/23/2017 21:55	30.48	75.5	5.74	5.4
SR13	8/23/2017 4:00	29.75	70.0	5.55	5.5	SR13	8/23/2017 10:00	29.55	71.4	5.78	6.4	SR13	8/23/2017 16:00	30.04	71.9	5.75	6.2	SR13	8/23/2017 22:00	30.47	75.4	5.73	5.3
SR13	8/23/2017 4:05	29.74	69.9	5.54	5.6	SR13	8/23/2017 10:05	29.58	71.5	5.81	6.3	SR13	8/23/2017 16:05	30.04	71.9	5.74	6.0	SR13	8/23/2017 22:05	30.43	75.4	5.74	5.4
SR13	8/23/2017 4:10	29.77	69.8	5.52	5.6	SR13	8/23/2017 10:10	29.55	71.5	5.78	6.3	SR13	8/23/2017 16:10	30.08	71.9	5.78	6.0	SR13	8/23/2017 22:10	30.44	75.3	5.77	5.4
SR13	8/23/2017 4:15	29.74	69.9	5.56	5.6	SR13	8/23/2017 10:15	29.55	71.6	5.79	6.1	SR13	8/23/2017 16:15	30.08	72.0	5.79	6.2	SR13	8/23/2017 22:15	30.45	75.3	5.74	5.1
SR13	8/23/2017 4:20	29.74	69.8	5.56	5.8	SR13	8/23/2017 10:20	29.58	71.7	5.83	5.8	SR13	8/23/2017 16:20	30.12	72.0	5.75	6.1	SR13	8/23/2017 22:20	30.45	75.1	5.77	5.0
SR13	8/23/2017 4:25	29.75	69.8	5.56	5.6	SR13	8/23/2017 10:25	29.55	71.6	5.83	5.7	SR13	8/23/2017 16:25	30.10	72.1	5.76	6.0	SR13	8/23/2017 22:25	30.47	75.1	5.76	5.2
SR13	8/23/2017 4:30	29.71	69.9	5.53	5.7	SR13	8/23/2017 10:30	29.58	71.6	5.79	6.0	SR13	8/23/2017 16:30	30.15	72.1	5.77	6.2	SR13	8/23/2017 22:30	30.43	75.0	5.74	5.0
SR13	8/23/2017 4:35	29.75	69.9	5.56	6.5	SR13	8/23/2017 10:35	29.56	71.5	5.82	6.7	SR13	8/23/2017 16:35	30.17	72.1	5.79	6.0	SR13	8/23/2017 22:35	30.46	75.0	5.72	5.4
SR13	8/23/2017 4:40	29.70	69.8	5.53	5.9	SR13	8/23/2017 10:40	29.56	71.6	5.81	5.6	SR13	8/23/2017 16:40	30.15	72.1	5.76	6.0	SR13	8/23/2017 22:40	30.46	74.9	5.74	5.2
SR13	8/23/2017 4:45	29.75	69.8	5.53	5.6	SR13	8/23/2017 10:45	29.54	71.7	5.83	5.7	SR13	8/23/2017 16:45	30.17	72.2	5.76	6.1	SR13	8/23/2017 22:45	30.42	74.8	5.75	5.4
SR13	8/23/2017 4:50	29.75	69.7	5.53	5.8	SR13	8/23/2017 10:50	29.55	71.6	5.78	6.3	SR13	8/23/2017 16:50	30.19	72.3	5.77	6.1	SR13	8/23/2017 22:50	30.44	74.8	5.73	5.2
SR13	8/23/2017 4:55	29.74	69.7	5.57	5.8	SR13	8/23/2017 10:55	29.56	71.5	5.78	6.1	SR13	8/23/2017 16:55	30.21	72.4	5.79	6.9	SR13	8/23/2017 22:55	30.47	74.7	5.72	5.1
SR13	8/23/2017 5:00	29.75	69.8	5.54	6.1	SR13	8/23/2017 11:00	29.57	71.5	5.83	6.0	SR13	8/23/2017 17:00	30.19	72.5	5.80	6.2	SR13	8/23/2017 23:00	30.45	74.7	5.72	5.3
SR13	8/23/2017 5:05	29.74	69.7	5.53	5.8	SR13	8/23/2017 11:05	29.52	71.5	5.79	5.9	SR13	8/23/2017 17:05	30.22	72.6	5.82	6.0	SR13	8/23/2017 23:05	30.43	74.6	5.70	5.3
SR13	8/23/2017 5:10	29.70	69.8	5.53	5.7	SR13	8/23/2017 11:10	29.54	71.4	5.80	5.9	SR13	8/23/2017 17:10	30.21	72.6	5.83	6.0	SR13	8/23/2017 23:10	30.43	74.5	5.72	5.4
SR13	8/23/2017 5:15	29.70	69.8	5.54	5.7	SR13	8/23/2017 11:15	29.55	71.4	5.82	6.1	SR13	8/23/2017 17:15	30.25	72.6	5.80	5.8	SR13	8/23/2017 23:15	30.46	74.4	5.70	5.1
SR13	8/23/2017 5:20	29.73	69.8	5.52	6.0	SR13	8/23/2017 11:20	29.54	71.4	5.79	5.9	SR13	8/23/2017 17:20	30.22	72.7	5.80	5.8	SR13	8/23/2017 23:20	30.43	74.4	5.69	5.2
SR13	8/23/2017 5:25	29.74	69.7	5.54	6.0	SR13	8/23/2017 11:25	29.56	71.2	5.78	5.6	SR13	8/23/2017 17:25	30.25	72.7	5.79	6.1	SR13	8/23/2017 23:25	30.45	74.4	5.69	5.3
SR13	8/23/2017 5:30	29.74	69.7	5.55	5.8	SR13	8/23/2017 11:30	29.53	71.4	5.81	6.3	SR13	8/23/2017 17:30	30.25	72.7	5.84	5.9	SR13	8/23/2017 23:30	30.44	74.3	5.71	5.8
SR13	8/23/2017 5:35	29.73	69.6	5.54	5.6	SR13	8/23/2017 11:35	29.54	71.2	5.81	6.3	SR13	8/23/2017 17:35	30.26	72.7	5.81	5.8	SR13	8/23/2017 23:35	30.42	74.3	5.69	5.3
SR13	8/23/2017 5:40	29.69	69.6	5.52	5.8	SR13	8/23/2017 11:40	29.52	71.1	5.78	6.1	SR13	8/23/2017 17:40	30.27	72.8	5.84	7.7	SR13	8/23/2017 23:40	30.40	74.1	5.72	5.4
SR13	8/23/2017 5:45	29.72	69.5	5.54	5.7	SR13	8/23/2017 11:45	29.54	71.2	5.80	6.3	SR13	8/23/2017 17:45	30.30	72.8	5.85	5.9	SR13	8/23/2017 23:45	30.43	74.1	5.72	5.5
SR13	8/23/2017 5:50	29.71	69.5	5.52	5.6	SR13	8/23/2017 11:50	29.55	71.1	5.80	6.3	SR13	8/23/2017 17:50	30.29	73.0	5.82	5.7	SR13	8/23/2017 23:50	30.41	74.1	5.73	5.7
SR13	8/23/2017 5:55	29.71	69.6	5.53	6.7	SR13	8/23/2017 11:55	29.52	71.1	5.78	6.1	SR13	8/23/2017 17:55	30.31	72.9	5.82	5.8	SR13	8/23/2017 23:55	30.43	74.1	5.69	5.2

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	8/23/2017 0:17	0.07				SR12	8/23/2017 0:17	0.12			
SR4	8/23/2017 0:37	0.06				SR12	8/23/2017 0:37	0.08			
SR4	8/23/2017 0:57	0.09				SR12	8/23/2017 0:57	0.09			
SR4	8/23/2017 1:17	0.08				SR12	8/23/2017 1:17	0.10			
SR4	8/23/2017 1:37	0.04				SR12	8/23/2017 1:37	0.08			
SR4	8/23/2017 1:57	0.04				SR12	8/23/2017 1:57	0.09			
SR4	8/23/2017 2:17	0.05				SR12	8/23/2017 2:17	0.11			
SR4	8/23/2017 2:37	0.05				SR12	8/23/2017 2:37	0.10			
SR4	8/23/2017 2:57	0.04				SR12	8/23/2017 2:57	0.10			
SR4	8/23/2017 3:17	0.05				SR12	8/23/2017 3:17	0.10			
SR4	8/23/2017 3:37	0.08				SR12	8/23/2017 3:37	0.10			
SR4	8/23/2017 3:57	0.08				SR12	8/23/2017 3:57	0.10			
SR4	8/23/2017 4:17	0.07				SR12	8/23/2017 4:17	0.09			
SR4	8/23/2017 4:37	0.09				SR12	8/23/2017 4:37	0.11			
SR4	8/23/2017 4:57	0.09				SR12	8/23/2017 4:57	0.10			
SR4	8/23/2017 5:17	0.11				SR12	8/23/2017 5:17	0.08			
SR4	8/23/2017 5:37	0.11				SR12	8/23/2017 5:37	0.11			
SR4	8/23/2017 5:57	0.08				SR12	8/23/2017 5:57	0.08			
SR4						SR12					
SR4	8/23/2017 6:37	0.11				SR12	8/23/2017 6:37	0.08			
SR4	8/23/2017 6:57	0.10				SR12	8/23/2017 6:57	0.10			
SR4	8/23/2017 7:17	0.08				SR12	8/23/2017 7:17	0.08			
SR4	8/23/2017 7:37	0.09				SR12	8/23/2017 7:37	0.08			
SR4	8/23/2017 7:57	0.10				SR12	8/23/2017 7:57	0.11			
SR4	8/23/2017 8:17	0.11				SR12	8/23/2017 8:17	0.10			
SR4	8/23/2017 8:37	0.12				SR12	8/23/2017 8:37	0.12			
SR4	8/23/2017 8:57	0.10				SR12	8/23/2017 8:57	0.15			
SR4	8/23/2017 9:17	0.11				SR12	8/23/2017 9:17	0.14			
SR4	8/23/2017 9:37	0.11				SR12	8/23/2017 9:37	0.14			
SR4	8/23/2017 9:57	0.09				SR12	8/23/2017 9:57	0.13			
SR4	8/23/2017 10:17	0.08				SR12	8/23/2017 10:17	0.12			
SR4	8/23/2017 10:37	0.08				SR12	8/23/2017 10:37	0.12			
SR4	8/23/2017 10:57	0.09				SR12	8/23/2017 10:57	0.12			
SR4	8/23/2017 11:17	0.12				SR12	8/23/2017 11:17	0.14			
SR4	8/23/2017 11:37	0.10				SR12	8/23/2017 11:37	0.14			
SR4	8/23/2017 11:57	0.11				SR12	8/23/2017 11:57	0.15			
SR4	8/23/2017 12:17	0.11				SR12	8/23/2017 12:17	0.12			
SR4	8/23/2017 12:37	0.09				SR12	8/23/2017 12:37	0.14			
SR4	8/23/2017 12:57	0.12				SR12	8/23/2017 12:57	0.13			
SR4	8/23/2017 13:17	0.09				SR12	8/23/2017 13:17	0.15			
SR4	8/23/2017 13:37	0.11				SR12	8/23/2017 13:37	0.15			
SR4	8/23/2017 13:57	0.11				SR12	8/23/2017 13:57	0.15			
SR4	8/23/2017 14:17	0.11				SR12	8/23/2017 14:17	0.13			
SR4	8/23/2017 14:37	0.09				SR12	8/23/2017 14:37	0.14			
SR4	8/23/2017 14:57	0.12				SR12	8/23/2017 14:57	0.13			
SR4	8/23/2017 15:17	0.08				SR12	8/23/2017 15:17	0.15			
SR4	8/23/2017 15:37	0.09				SR12	8/23/2017 15:37	0.12			
SR4	8/23/2017 15:57	0.10				SR12	8/23/2017 15:57	0.14			
SR4	8/23/2017 16:17	0.11				SR12	8/23/2017 16:17	0.15			
SR4	8/23/2017 16:37	0.09				SR12	8/23/2017 16:37	0.14			
SR4	8/23/2017 16:57	0.08				SR12	8/23/2017 16:57	0.12			
SR4	8/23/2017 17:17	0.12				SR12	8/23/2017 17:17	0.13			
SR4	8/23/2017 17:37	0.12				SR12	8/23/2017 17:37	0.15			
SR4	8/23/2017 17:57	0.12				SR12	8/23/2017 17:57	0.12			
SR4	8/23/2017 18:17	0.11				SR12	8/23/2017 18:17	0.15			
SR4	8/23/2017 18:37	0.12				SR12	8/23/2017 18:37	0.13			
SR4	8/23/2017 18:57	0.13				SR12	8/23/2017 18:57	0.12			
SR4	8/23/2017 19:17	0.14				SR12	8/23/2017 19:17	0.13			
SR4	8/23/2017 19:37	0.13				SR12	8/23/2017 19:37	0.14			
SR4	8/23/2017 19:57	0.11				SR12	8/23/2017 19:57	0.13			
SR4	8/23/2017 20:17	0.14				SR12	8/23/2017 20:17	0.14			
SR4	8/23/2017 20:37	0.13				SR12	8/23/2017 20:37	0.12			
SR4	8/23/2017 20:57	0.12				SR12	8/23/2017 20:57	0.14			
SR4	8/23/2017 21:17	0.11				SR12	8/23/2017 21:17	0.15			
SR4	8/23/2017 21:37	0.11				SR12	8/23/2017 21:37	0.14			
SR4	8/23/2017 21:57	0.11				SR12	8/23/2017 21:57	0.14			
SR4	8/23/2017 22:17	0.13				SR12	8/23/2017 22:17	0.16			
SR4	8/23/2017 22:37	0.12				SR12	8/23/2017 22:37	0.17			
SR4	8/23/2017 22:57	0.13				SR12	8/23/2017 22:57	0.17			
SR4	8/23/2017 23:17	0.12				SR12	8/23/2017 23:17	0.18			
SR4	8/23/2017 23:37	0.14				SR12	8/23/2017 23:37	0.16			
SR4	8/23/2017 23:57	0.13				SR12	8/23/2017 23:57	0.14			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR4	8/24/2017 0:01	30.30	74.5	5.73	9.2	SR4	8/24/2017 6:01	30.36	77.4	6.23	8.5	SR4	8/24/2017 12:01	30.44	98.5	7.02	5.7	SR4	8/24/2017 18:01	28.53	79.3	6.12	5.6
SR4	8/24/2017 0:06	30.29	74.5	5.75	5.0	SR4	8/24/2017 6:06	30.31	77.5	6.25	7.4	SR4	8/24/2017 12:06	30.29	98.4	7.02	9.4	SR4	8/24/2017 18:06	28.47	78.4	6.06	5.6
SR4	8/24/2017 0:11	30.31	74.6	5.75	2.9	SR4	8/24/2017 6:11	30.35	77.5	6.26	5.1	SR4	8/24/2017 12:11	30.20	98.3	7.01	7.3	SR4	8/24/2017 18:11	28.54	79.0	6.10	5.4
SR4	8/24/2017 0:16	30.19	74.6	5.75	2.5	SR4	8/24/2017 6:16	30.34	77.6	6.23	6.1	SR4	8/24/2017 12:16	30.16	98.5	7.03	7.5	SR4	8/24/2017 18:16	28.46	78.3	6.06	5.4
SR4	8/24/2017 0:21	30.13	75.1	5.77	2.2	SR4	8/24/2017 6:21	30.32	77.7	6.25	5.1	SR4	8/24/2017 12:21	30.20	98.3	7.02	7.3	SR4	8/24/2017 18:21	28.42	77.8	6.02	6.4
SR4	8/24/2017 0:26	30.20	75.2	5.78	3.6	SR4	8/24/2017 6:26	30.35	77.7	6.26	5.2	SR4	8/24/2017 12:26	30.15	98.5	7.01	8.0	SR4	8/24/2017 18:26	28.37	77.0	5.97	5.9
SR4	8/24/2017 0:31	30.28	75.3	5.80	3.0	SR4	8/24/2017 6:31	30.31	77.7	6.28	5.6	SR4	8/24/2017 12:31	30.44	98.4	7.01	6.4	SR4	8/24/2017 18:31	28.36	77.0	5.96	5.7
SR4	8/24/2017 0:36	30.28	75.4	5.82	2.9	SR4	8/24/2017 6:36	30.36	77.8	6.25	5.8	SR4	8/24/2017 12:36	30.35	98.1	7.00	8.0	SR4	8/24/2017 18:36	28.34	76.8	5.95	5.6
SR4	8/24/2017 0:41	30.22	75.1	5.82	5.3	SR4	8/24/2017 6:41	30.35	77.8	6.26	6.4	SR4	8/24/2017 12:41	30.28	98.0	7.00	6.3	SR4	8/24/2017 18:41	28.29	75.9	5.89	5.6
SR4	8/24/2017 0:46	30.26	75.2	5.84	5.8	SR4	8/24/2017 6:46	30.31	77.9	6.28	8.2	SR4	8/24/2017 12:46	30.52	98.2	7.04	**10.5**	SR4	8/24/2017 18:46	28.28	76.4	5.92	6.1
SR4	8/24/2017 0:51	30.29	75.2	5.84	7.2	SR4	8/24/2017 6:51	30.34	78.0	6.29	7.2	SR4	8/24/2017 12:51	30.44	98.4	7.05	8.6	SR4	8/24/2017 18:51	28.27	76.4	5.92	6.2
SR4	8/24/2017 0:56	30.31	75.3	5.87	7.4	SR4	8/24/2017 6:56	30.33	78.0	6.28	7.3	SR4	8/24/2017 12:56	30.13	98.2	7.05	8.8	SR4	8/24/2017 18:56	28.24	76.1	5.91	6.9
SR4	8/24/2017 1:01	30.28	75.3	5.85	7.7	SR4	8/24/2017 7:01	30.35	78.0	6.28	6.5	SR4	8/24/2017 13:01	30.49	98.2	7.07	8.8	SR4	8/24/2017 19:01	28.23	76.0	5.90	5.9
SR4	8/24/2017 1:06	30.28	75.3	5.88	**11.1**	SR4	8/24/2017 7:06	30.30	78.1	6.28	2.1	SR4	8/24/2017 13:06	30.34	98.1	7.08	8.5	SR4	8/24/2017 19:06	28.23	75.9	5.89	6.4
SR4	8/24/2017 1:11	30.32	75.3	5.90	7.8	SR4	8/24/2017 7:11	30.35	78.2	6.28	1.5	SR4	8/24/2017 13:11	30.46	98.1	7.07	9.7	SR4	8/24/2017 19:11	28.20	75.1	5.84	6.3
SR4	8/24/2017 1:16	30.33	75.3	5.90	8.7	SR4	8/24/2017 7:16	30.35	78.2	6.32	6.3	SR4	8/24/2017 13:16	27.77	75.9	5.94	**11.3**	SR4	8/24/2017 19:16	28.15	74.7	5.81	6.2
SR4	8/24/2017 1:21	30.29	75.4	5.90	8.0	SR4	8/24/2017 7:21	30.33	78.2	6.30	2.9	SR4	8/24/2017 13:21	27.46	77.8	6.12	9.0	SR4	8/24/2017 19:21	28.17	74.8	5.81	6.2
SR4	8/24/2017 1:26	30.28	75.3	5.90	5.1	SR4	8/24/2017 7:26	30.35	78.3	6.28	3.0	SR4	8/24/2017 13:26	27.55	78.4	6.16	8.7	SR4	8/24/2017 19:26	28.21	75.8	5.89	6.2
SR4	8/24/2017 1:31	30.32	75.4	5.93	8.3	SR4	8/24/2017 7:31	30.32	78.3	6.31	2.9	SR4	8/24/2017 13:31	27.48	78.1	6.14	8.1	SR4	8/24/2017 19:31	28.24	75.4	5.85	6.1
SR4	8/24/2017 1:36	30.33	75.4	5.93	8.5	SR4	8/24/2017 7:36	30.34	78.3	6.30	5.4	SR4	8/24/2017 13:36	27.37	78.5	6.19	8.4	SR4	8/24/2017 19:36	28.24	76.3	5.92	6.2
SR4	8/24/2017 1:41	30.31	75.5	5.95	7.0	SR4	8/24/2017 7:41	30.33	78.4	6.34	5.2	SR4	8/24/2017 13:41	27.28	79.2	6.25	6.7	SR4	8/24/2017 19:41	28.22	75.9	5.89	6.1
SR4	8/24/2017 1:46	30.30	75.5	5.96	6.8	SR4	8/24/2017 7:46	30.30	78.4	6.34	9.3	SR4	8/24/2017 13:46	27.47	80.3	6.32	9.7	SR4	8/24/2017 19:46	28.22	75.9	5.89	6.5
SR4	8/24/2017 1:51	30.34	75.5	5.94	8.4	SR4	8/24/2017 7:51	30.31	78.5	6.35	9.4	SR4	8/24/2017 13:51	27.76	79.8	6.25	6.6	SR4	8/24/2017 19:51	28.25	77.4	6.01	6.3
SR4	8/24/2017 1:56	30.34	75.5	5.97	8.6	SR4	8/24/2017 7:56	30.29	78.7	6.36	5.3	SR4	8/24/2017 13:56	27.70	78.7	6.17	6.3	SR4	8/24/2017 19:56	28.31	77.6	6.02	6.2
SR4	8/24/2017 2:01	30.35	75.5	5.99	5.3	SR4	8/24/2017 8:01	30.30	78.7	6.34	5.1	SR4	8/24/2017 14:01	27.75	78.4	6.14	5.0	SR4	8/24/2017 20:01	28.40	78.4	6.07	5.9
SR4	8/24/2017 2:06	30.36	75.6	6.00	5.6	SR4	8/24/2017 8:06	30.32	78.8	6.34	5.1	SR4	8/24/2017 14:06	27.97	79.7	6.22	8.2	SR4	8/24/2017 20:06	28.45	78.0	6.03	6.0
SR4	8/24/2017 2:11	30.34	75.6	6.00	5.3	SR4	8/24/2017 8:11	30.30	78.9	6.36	9.2	SR4	8/24/2017 14:11	27.98	79.1	6.17	7.0	SR4	8/24/2017 20:11	28.47	78.0	6.03	5.7
SR4	8/24/2017 2:16	30.33	75.6	5.97	5.8	SR4	8/24/2017 8:16	30.32	79.0	6.40	6.9	SR4	8/24/2017 14:16	27.85	79.2	6.19	8.5	SR4	8/24/2017 20:16	28.45	77.4	5.99	6.1
SR4	8/24/2017 2:21	30.33	75.6	6.00	8.7	SR4	8/24/2017 8:21	30.33	79.1	6.39	5.1	SR4	8/24/2017 14:21	27.96	79.6	6.21	7.6	SR4	8/24/2017 20:21	28.44	77.1	5.97	6.1
SR4	8/24/2017 2:26	30.33	75.7	5.98	9.2	SR4	8/24/2017 8:26	30.32	79.0	6.41	9.3	SR4	8/24/2017 14:26	28.15	81.9	6.37	**10.9**	SR4	8/24/2017 20:26	28.42	75.6	5.85	6.1
SR4	8/24/2017 2:31	30.34	75.7	6.00	5.7	SR4	8/24/2017 8:31	30.31	79.1	6.39	5.5	SR4	8/24/2017 14:31	27.97	80.3	6.27	9.4	SR4	8/24/2017 20:31	28.40	75.4	5.83	6.4
SR4	8/24/2017 2:36	30.36	75.7	6.01	6.1	SR4	8/24/2017 8:36	30.33	79.2	6.43	6.5	SR4	8/24/2017 14:36	27.76	79.2	6.20	8.3	SR4	8/24/2017 20:36	28.39	75.4	5.84	5.5
SR4	8/24/2017 2:41	30.33	75.7	5.99	6.2	SR4	8/24/2017 8:41	30.29	79.3	6.45	6.1	SR4	8/24/2017 14:41	27.57	79.1	6.21	7.4	SR4	8/24/2017 20:41	28.36	74.3	5.75	6.0
SR4	8/24/2017 2:46	30.32	75.8	6.00	7.9	SR4	8/24/2017 8:46	30.32	79.4	6.41	5.3	SR4	8/24/2017 14:46	28.09	83.2	6.48	9.2	SR4	8/24/2017 20:46	28.34	75.0	5.81	5.1
SR4	8/24/2017 2:51	30.36	75.8	5.99	8.5	SR4	8/24/2017 8:51	30.30	79.4	6.41	5.5	SR4	8/24/2017 14:51	27.92	81.7	6.38	6.4	SR4	8/24/2017 20:51	28.35	75.7	5.86	5.6
SR4	8/24/2017 2:56	30.33	75.9	6.04	9.0	SR4	8/24/2017 8:56	30.31	79.5	6.44	5.5	SR4	8/24/2017 14:56	27.89	80.5	6.29	9.8	SR4	8/24/2017 20:56	28.33	75.6	5.86	6.1
SR4	8/24/2017 3:01	30.37	75.9	6.01	8.7	SR4	8/24/2017 9:01	30.28	79.6	6.43	6.3	SR4	8/24/2017 15:01	28.00	80.5	6.27	6.4	SR4	8/24/2017 21:01	28.31	75.3	5.84	5.8
SR4	8/24/2017 3:06	30.36	76.0	6.05	6.6	SR4	8/24/2017 9:06	30.29	79.7	6.45	6.3	SR4	8/24/2017 15:06	27.99	80.7	6.29	**10.0**	SR4	8/24/2017 21:06	28.29	74.6	5.78	6.1
SR4	8/24/2017 3:11	30.37	76.0	6.02	8.2	SR4	8/24/2017 9:11	30.31	79.8	6.44	5.4	SR4	8/24/2017 15:11	28.01	80.7	6.29	6.4	SR4	8/24/2017 21:11	28.27	74.5	5.78	5.9
SR4	8/24/2017 3:16	30.38	76.0	6.02	9.2	SR4	8/24/2017 9:16	30.27	79.8	6.47	5.5	SR4	8/24/2017 15:16	27.98	80.4	6.27	6.6	SR4	8/24/2017 21:16	28.24	74.9	5.81	5.5
SR4	8/24/2017 3:21	30.37	76.0	6.02	6.4	SR4	8/24/2017 9:21	30.29	80.0	6.45	5.6	SR4	8/24/2017 15:21	27.89	78.3	6.12	7.1	SR4	8/24/2017 21:21	28.21	74.9	5.82	5.5
SR4	8/24/2017 3:26	30.36	76.1	6.05	5.4	SR4	8/24/2017 9:26	30.31	80.0	6.46	5.4	SR4	8/24/2017 15:26	27.94	78.4	6.12	6.7	SR4	8/24/2017 21:26	28.18	74.8	5.81	5.9
SR4	8/24/2017 3:31	30.34	76.1	6.04	8.3	SR4	8/24/2017 9:31	30.29	80.1	6.49	5.7	SR4	8/24/2017 15:31	27.97	78.9	6.16	5.7	SR4	8/24/2017 21:31	28.16	73.7	5.73	5.8
SR4	8/24/2017 3:36	30.35	76.1	6.06	**10.1**	SR4	8/24/2017 9:36	30.27	80.2	6.48	2.9	SR4	8/24/2017 15:36	28.14	80.4	6.25	8.2	SR4	8/24/2017 21:36	28.19	74.9	5.82	5.2
SR4	8/24/2017 3:41	30.34	76.2	6.03	8.9	SR4	8/24/2017 9:41	30.31	80.3	6.51	2.7	SR4	8/24/2017 15:41	28.16	79.3	6.16	7.2	SR4	8/24/2017 21:41	28.20	74.5	5.79	5.4
SR4	8/24/2017 3:46	30.32	76.2	6.08	9.7	SR4	8/24/2017 9:46	30.26	80.4	6.50	6.1	SR4	8/24/2017 15:46	27.73	77.4	6.06	7.1	SR4	8/24/2017 21:46	28.19	74.7	5.80	5.1
SR4	8/24/2017 3:51	30.37	76.3	6.06	6.5	SR4	8/24/2017 9:51	30.29	80.4	6.49	4.7	SR4	8/24/2017 15:51	28.00	79.2	6.18	6.4	SR4	8/24/2017 21:51	28.19	73.9	5.74	5.4
SR4	8/24/2017 3:56	30.32	76.3	6.07	**10.0**	SR4	8/24/2017 9:56	30.30	80.5	6.50	4.6	SR4	8/24/2017 15:56	28.13	80.2	6.24	7.0	SR4	8/24/2017 21:56	28.18	74.1	5.75	5.0
SR4	8/24/2017 4:01	30.35	76.3	6.07	9.6	SR4	8/24/2017 10:01	30.38	97.7	7.15	3.0	SR4	8/24/2017 16:01	28.18	80.0	6.22	8.5	SR4	8/24/2017 22:01	28.15	73.4	5.71	2.3
SR4	8/24/2017 4:06	30.32	76.4	6.06	9.7	SR4	8/24/2017 10:06	30.52	97.6	7.18	5.9	SR4	8/24/2017 16:06	28.15	79.5	6.18	9.4	SR4	8/24/2017 22:06	28.15	73.1	5.69	2.9
SR4	8/24/2017 4:11	30.36	76.4	6.06	5.3	SR4	8/24/2017 10:11	30.45	98.0	7.22	6.0	SR4	8/24/2017 16:11	28.13	79.3	6.17	8.5	SR4	8/24/2017 22:11	28.16	73.6	5.72	4.1
SR4	8/24/2017 4:16	30.33	76.5	6.09	5.4	SR4	8/24/2017 10:16	30.26	98.1	7.20	5.6	SR4	8/24/2017 16:16	28.05	78.7	6.13	9.9	SR4	8/24/2017 22:16	28.13	72.6	5.64	4.9
SR4	8/24/2017 4:21	30.33	76.5	6.08	5.3	SR4	8/24/2017 10:21	30.50	97.7	7.11	5.8	SR4	8/24/2017 16:21	27.99	77.9	6.07	**10.8**	SR4	8/24/2017 22:21	28.08	73.0	5.68	3.0
SR4	8/24/2017 4:26	30.36	76.5	6.08	6.4	SR4	8/24/2017 10:26	30.52	97.9	7.11	6.6	SR4	8/24/2017 16:26	27.98	78.1	6.09	**10.6**	SR4	8/24/2017 22:26	28.06	74.1	5.77	2.8
SR4	8/24/2017 4:31	30.35	76.6	6.10	5.6	SR4	8/24/2017 10:31	30.28	98.0	7.10	5.9	SR4	8/24/2017 16:31	27.99	77.6	6.05	8.2	SR4	8/24/2017 22:31	28.04	75.1	5.85	4.9
SR4	8/24/2017 4:36	30.31	76.6	6.10	5.4	SR4	8/24/2017 10:36	30.51	97.7	7.01	5.9	SR4	8/24/2017 16:36	28.04	78.5	6.12	7.6	SR4	8/24/2017 22:36	28.02	74.8	5.83	1.3
SR4	8/24/2017 4:41	30.37	76.7	6.13	6.3	SR4	8/24/2017 10:41	30.32	97.6	7.05	7.5	SR4	8/24/2017 16:41	28.08	78.7	6.13	**10.0**	SR4	8/24/2017 22:41	28.00	75.2	5.86	4.9
SR4	8/24/2017 4:46	30.35	76.7	6.10	6.6	SR4	8/24/2017 10:46	30.42	98.1	7.09	6.7	SR4	8/24/2017 16:46	28.11	78.7	6.12	**10.8**	SR4	8/24/2017 22:46	27.91	75.6	5.90	4.7
SR4	8/24/2017 4:51	30.33	76.7	6.14	7.1	SR4	8/24/2017 10:51	30.13	98.4	7.06	6.9	SR4	8/24/2017 16:51	28.08	78.4	6.10	9.0	SR4	8/24/2017 22:51	27.87	74.9	5.85	3.6
SR4	8/24/2017 4:56	30.32	76.7	6.16	5.1	SR4	8/24/2017 10:56	30.50	98.2	7.08	8.4	SR4	8/24/2017 16:56	28.03	77.2	6.01	6.1	SR4	8/24/2017 22:56	27.82	74.9	5.86	2.7
SR4	8/24/2017 5:01	30.34	76.8	6.14	6.5	SR4	8/24/2017 11:01	30.46	97.8	7.00	8.5	SR4	8/24/2017 17:01	28.11	78.0	6.07	7.9	SR4	8/24/2017 23:01	27.79	75.0	5.87	4.8
SR4	8/24/2017 5:06	30.34	76.9	6.13	2.4	SR4	8/24/2017 11:06	30.14	98.0	7.11	7.7	SR4	8/24/2017 17:06	28.09	77.7	6.04	5.9	SR4	8/24/2017 23:06	27.78	74.4	5.82	6.7
SR4	8/24/2017 5:11	30.32	76.9	6.14	5.4	SR4	8/24/2017 11:11	30.13	97.4	6.98	8.1	SR4	8/24/2017 17:11	28.12	77.4	6.02	5.9	SR4	8/24/2017 23:11	27.71	73.5	5.76	6.3
SR4	8/24/2017 5:16	30.34	76.9	6.19	2.7	SR4	8/24/2017 11:16	30.35	97.7	7.01	7.3	SR4	8/24/2017 17:16	28.19	77.6	6.03	5.7	SR4	8/24/2017 23:16	27.72	74.5	5.83	6.0
SR4	8/24/2017 5:21	30.33	77.0	6.17	5.6	SR4	8/24/2017 11:21	30.23	97.7	6.97	6.0	SR4	8/24/2017 17:21	28.13	77.3	6.01	5.5	SR4	8/24/2017 23:21	27.68	73.4	5.76	3.8
SR4	8/24/2017 5:26	30.32	77.0	6.20	7.4	SR4	8/24/2017 11:26	30.39	97.5	7.01	5.5	SR4	8/24/2017 17:26	28.36	78.9	6.11	5.5	SR4	8/24/2017 23:26	27.67	73.8	5.79	5.7
SR4	8/24/2017 5:31	30.35	77.0	6.17	2.8	SR4	8/24/2017 11:31	30.52	97.9	6.96	7.3	SR4	8/24/2017 17:31	28.29	78.2	6.06	5.5	SR4	8/24/2017 23:31	27.63	73.3	5.75	5.0
SR4	8/24/2017 5:36	30.34	77.1	6.21	6.1	SR4	8/24/2017 11:36	30.33	98.1	6.95	5.2	SR4	8/24/2017 17:36	28.33	78.2	6.06	5.6	SR4	8/24/2017 23:36	27.62	73.6	5.77	5.2
SR4	8/24/2017 5:41	30.33	77.2	6.21	6.5	SR4	8/24/2017 11:41	30.53	97.5	6.98	5.1	SR4	8/24/2017 17:41	28.46	79.5	6.14	5.1	SR4	8/24/2017 23:41	27.66	73.9	5.80	6.6
SR4	8/24/2017 5:46	30.32	77.2	6.22	8.4	SR4	8/24/2017 11:46	30.36	98.0	7.03	5.2	SR4	8/24/2017 17:46	28.44	78.8	6.10	5.7	SR4	8/24/2017 23:46	27.61	73.3	5.75	5.2
SR4	8/24/2017 5:51	30.32	77.3	6.21	5.3	SR4	8/24/2017 11:51	30.48	98.2	7.02	5.9	SR4	8/24/2017 17:51	28.27	76.2	5.91	5.6	SR4	8/24/2017 23:51	27.57	73.2	5.75	6.1
SR4	8/24/2017 5:56	30.34	77.3	6.24	6.4	SR4	8/24/2017 11:56	30.15	98.3	7.01	5.1	SR4	8/24/2017 17:56	28.28	76.9	5.96	5.9	SR4	8/24/2017 23:56	27.56	73.1	5.75	6.3

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR5	8/24/2017 0:00	30.23	74.1	5.72	2.1	SR5	8/24/2017 6:00	30.10	79.4	6.15	2.0	SR5	8/24/2017 12:00	30.02	101.2	7.11	2.0	SR5	8/24/2017 18:00	28.32	77.7	5.98	2.6
SR5	8/24/2017 0:05	30.16	74.1	5.72	2.1	SR5	8/24/2017 6:05	30.07	79.5	6.14	2.1	SR5	8/24/2017 12:05	29.97	101.2	7.10	2.3	SR5	8/24/2017 18:05	28.40	78.5	6.02	2.6
SR5	8/24/2017 0:10	30.22	74.1	5.73	2.2	SR5	8/24/2017 6:10	30.07	79.5	6.19	1.8	SR5	8/24/2017 12:10	29.96	101.5	7.10	3.1	SR5	8/24/2017 18:10	28.48	78.9	6.05	3.9
SR5	8/24/2017 0:15	30.02	74.1	5.69	2.0	SR5	8/24/2017 6:15	30.07	79.5	6.20	2.2	SR5	8/24/2017 12:15	30.01	101.5	7.08	2.3	SR5	8/24/2017 18:15	28.44	78.6	6.03	3.7
SR5	8/24/2017 0:20	29.89	74.9	5.74	2.2	SR5	8/24/2017 6:20	30.07	79.5	6.16	2.0	SR5	8/24/2017 12:20	30.09	101.3	7.07	2.1	SR5	8/24/2017 18:20	28.43	78.6	6.03	2.9
SR5	8/24/2017 0:25	30.06	75.0	5.77	2.1	SR5	8/24/2017 6:25	30.05	79.6	6.19	1.7	SR5	8/24/2017 12:25	30.01	101.7	7.07	2.4	SR5	8/24/2017 18:25	28.36	77.8	5.98	3.0
SR5	8/24/2017 0:30	30.19	75.0	5.76	1.8	SR5	8/24/2017 6:30	30.05	79.6	6.21	1.9	SR5	8/24/2017 12:30	29.93	101.7	7.08	2.3	SR5	8/24/2017 18:30	28.34	77.7	5.97	2.8
SR5	8/24/2017 0:35	30.20	75.1	5.81	2.0	SR5	8/24/2017 6:35	30.07	79.7	6.22	1.8	SR5	8/24/2017 12:35	29.97	101.5	7.06	1.9	SR5	8/24/2017 18:35	28.35	77.8	5.98	2.7
SR5	8/24/2017 0:40	30.19	75.2	5.79	1.9	SR5	8/24/2017 6:40	30.02	79.7	6.19	1.8	SR5	8/24/2017 12:40	30.00	101.0	7.03	2.1	SR5	8/24/2017 18:40	28.30	76.7	5.90	4.5
SR5	8/24/2017 0:45	30.03	74.8	5.81	1.8	SR5	8/24/2017 6:45	30.07	79.6	6.24	1.9	SR5	8/24/2017 12:45	30.22	101.5	7.09	1.9	SR5	8/24/2017 18:45	28.28	76.9	5.92	4.4
SR5	8/24/2017 0:50	30.04	74.9	5.82	1.7	SR5	8/24/2017 6:50	30.06	79.6	6.20	2.1	SR5	8/24/2017 12:50	29.90	102.2	7.12	1.9	SR5	8/24/2017 18:50	28.28	77.1	5.93	4.1
SR5	8/24/2017 0:55	30.00	75.0	5.82	1.8	SR5	8/24/2017 6:55	30.09	79.7	6.25	2.0	SR5	8/24/2017 12:55	29.97	100.6	7.02	2.3	SR5	8/24/2017 18:55	28.24	76.3	5.88	4.2
SR5	8/24/2017 1:00	30.03	75.1	5.80	1.8	SR5	8/24/2017 7:00	30.09	79.7	6.21	2.0	SR5	8/24/2017 13:00	30.02	101.2	7.11	2.0	SR5	8/24/2017 19:00	28.23	76.8	5.92	4.2
SR5	8/24/2017 1:05	30.21	75.1	5.81	1.6	SR5	8/24/2017 7:05	30.06	79.7	6.25	1.9	SR5	8/24/2017 13:05	30.08	101.0	7.13	2.1	SR5	8/24/2017 19:05	28.22	76.5	5.89	4.4
SR5	8/24/2017 1:10	30.09	75.1	5.84	2.0	SR5	8/24/2017 7:10	30.07	79.7	6.25	2.0	SR5	8/24/2017 13:10	30.00	101.1	7.15	2.0	SR5	8/24/2017 19:10	28.21	76.6	5.90	2.3
SR5	8/24/2017 1:15	30.10	75.1	5.83	1.8	SR5	8/24/2017 7:15	30.08	79.8	6.23	1.9	SR5	8/24/2017 13:15	28.21	77.3	5.96	2.0	SR5	8/24/2017 19:15	28.15	75.7	5.83	4.0
SR5	8/24/2017 1:20	30.05	75.2	5.84	1.5	SR5	8/24/2017 7:20	30.06	79.8	6.28	1.6	SR5	8/24/2017 13:20	27.31	79.0	6.18	2.0	SR5	8/24/2017 19:20	28.16	75.8	5.84	3.9
SR5	8/24/2017 1:25	29.95	75.1	5.85	1.5	SR5	8/24/2017 7:25	30.06	79.8	6.25	1.8	SR5	8/24/2017 13:25	27.39	79.5	6.22	2.5	SR5	8/24/2017 19:25	28.21	76.9	5.92	3.8
SR5	8/24/2017 1:30	30.14	75.2	5.88	1.5	SR5	8/24/2017 7:30	30.11	79.8	6.24	1.8	SR5	8/24/2017 13:30	27.26	79.8	6.25	2.0	SR5	8/24/2017 19:30	28.24	76.7	5.91	4.0
SR5	8/24/2017 1:35	29.93	75.2	5.89	1.8	SR5	8/24/2017 7:35	30.09	79.8	6.25	1.8	SR5	8/24/2017 13:35	27.17	79.6	6.25	2.2	SR5	8/24/2017 19:35	28.23	76.9	5.92	2.1
SR5	8/24/2017 1:40	30.02	75.3	5.88	1.3	SR5	8/24/2017 7:40	30.08	79.8	6.30	1.8	SR5	8/24/2017 13:40	27.20	80.3	6.29	2.7	SR5	8/24/2017 19:40	28.22	76.8	5.91	2.4
SR5	8/24/2017 1:45	30.13	75.3	5.88	5.8	SR5	8/24/2017 7:45	30.08	79.8	6.28	1.9	SR5	8/24/2017 13:45	27.21	81.4	6.39	2.2	SR5	8/24/2017 19:45	28.23	76.9	5.92	2.3
SR5	8/24/2017 1:50	30.16	75.3	5.86	1.5	SR5	8/24/2017 7:50	30.07	79.9	6.27	1.9	SR5	8/24/2017 13:50	27.44	81.1	6.34	2.4	SR5	8/24/2017 19:50	28.21	77.4	5.96	4.0
SR5	8/24/2017 1:55	30.13	75.4	5.91	1.7	SR5	8/24/2017 7:55	30.11	80.1	6.33	1.7	SR5	8/24/2017 13:55	27.36	79.8	6.24	2.4	SR5	8/24/2017 19:55	28.30	78.8	6.06	4.0
SR5	8/24/2017 2:00	30.11	75.4	5.89	1.7	SR5	8/24/2017 8:00	30.07	80.1	6.30	1.8	SR5	8/24/2017 14:00	27.66	79.8	6.21	2.6	SR5	8/24/2017 20:00	28.36	79.1	6.08	3.9
SR5	8/24/2017 2:05	30.11	75.4	5.88	2.7	SR5	8/24/2017 8:05	30.11	80.1	6.30	1.8	SR5	8/24/2017 14:05	27.46	80.5	6.29	2.6	SR5	8/24/2017 20:05	28.43	79.5	6.10	1.8
SR5	8/24/2017 2:10	29.92	75.5	5.91	1.6	SR5	8/24/2017 8:10	30.08	80.2	6.30	1.7	SR5	8/24/2017 14:10	27.52	81.6	6.37	2.7	SR5	8/24/2017 20:10	28.46	79.8	6.12	4.2
SR5	8/24/2017 2:15	29.88	75.5	5.92	1.7	SR5	8/24/2017 8:15	30.06	80.3	6.33	1.6	SR5	8/24/2017 14:15	27.31	81.1	6.35	2.7	SR5	8/24/2017 20:15	28.45	79.1	6.07	1.6
SR5	8/24/2017 2:20	30.14	75.5	5.93	1.5	SR5	8/24/2017 8:20	30.09	80.3	6.37	1.9	SR5	8/24/2017 14:20	27.47	80.9	6.31	2.8	SR5	8/24/2017 20:20	28.42	78.7	6.04	4.4
SR5	8/24/2017 2:25	30.16	75.6	5.91	1.6	SR5	8/24/2017 8:25	30.11	80.3	6.36	1.5	SR5	8/24/2017 14:25	27.65	80.7	6.28	3.4	SR5	8/24/2017 20:25	28.39	78.4	6.02	4.1
SR5	8/24/2017 2:30	30.20	75.6	5.92	1.5	SR5	8/24/2017 8:30	30.11	80.3	6.35	1.7	SR5	8/24/2017 14:30	27.83	81.4	6.31	3.2	SR5	8/24/2017 20:30	28.39	78.0	5.99	2.7
SR5	8/24/2017 2:35	30.24	75.7	5.91	1.6	SR5	8/24/2017 8:35	30.12	80.4	6.36	1.6	SR5	8/24/2017 14:35	27.75	80.9	6.29	3.2	SR5	8/24/2017 20:35	28.37	77.7	5.96	2.2
SR5	8/24/2017 2:40	30.13	75.7	5.97	1.8	SR5	8/24/2017 8:40	30.12	80.5	6.36	1.8	SR5	8/24/2017 14:40	27.56	80.2	6.25	2.4	SR5	8/24/2017 20:40	28.36	77.6	5.96	3.9
SR5	8/24/2017 2:45	29.95	75.8	5.92	1.7	SR5	8/24/2017 8:45	30.11	80.6	6.35	2.2	SR5	8/24/2017 14:45	28.00	83.9	6.49	2.5	SR5	8/24/2017 20:45	28.36	78.3	6.02	3.8
SR5	8/24/2017 2:50	30.16	75.8	5.96	1.8	SR5	8/24/2017 8:50	30.12	80.6	6.38	2.0	SR5	8/24/2017 14:50	27.88	82.7	6.41	2.6	SR5	8/24/2017 20:50	28.34	78.5	6.03	4.1
SR5	8/24/2017 2:55	30.21	75.8	5.94	1.9	SR5	8/24/2017 8:55	30.11	80.6	6.41	1.9	SR5	8/24/2017 14:55	27.77	81.3	6.31	2.3	SR5	8/24/2017 20:55	28.32	78.1	6.01	4.0
SR5	8/24/2017 3:00	30.13	75.9	5.97	1.9	SR5	8/24/2017 9:00	30.11	80.8	6.42	1.9	SR5	8/24/2017 15:00	27.93	81.0	6.27	2.8	SR5	8/24/2017 21:00	28.29	77.7	5.98	2.9
SR5	8/24/2017 3:05	29.89	75.9	5.98	1.8	SR5	8/24/2017 9:05	30.13	80.9	6.44	1.9	SR5	8/24/2017 15:05	27.84	80.5	6.24	2.3	SR5	8/24/2017 21:05	28.23	76.3	5.88	1.8
SR5	8/24/2017 3:10	30.07	76.0	6.00	1.6	SR5	8/24/2017 9:10	30.11	80.9	6.41	2.0	SR5	8/24/2017 15:10	27.83	80.6	6.25	2.6	SR5	8/24/2017 21:10	28.26	77.6	5.97	3.7
SR5	8/24/2017 3:15	29.91	76.0	6.01	1.7	SR5	8/24/2017 9:15	30.10	81.0	6.43	1.8	SR5	8/24/2017 15:15	27.84	80.4	6.24	2.8	SR5	8/24/2017 21:15	28.23	77.4	5.96	3.8
SR5	8/24/2017 3:20	30.02	76.0	6.01	1.7	SR5	8/24/2017 9:20	30.10	81.2	6.42	1.9	SR5	8/24/2017 15:20	27.84	79.1	6.13	2.7	SR5	8/24/2017 21:20	28.19	78.1	6.02	1.9
SR5	8/24/2017 3:25	29.93	76.1	6.00	1.5	SR5	8/24/2017 9:25	30.10	81.1	6.42	2.0	SR5	8/24/2017 15:25	27.85	78.7	6.10	2.8	SR5	8/24/2017 21:25	28.17	77.6	5.98	4.0
SR5	8/24/2017 3:30	30.06	76.1	6.00	1.8	SR5	8/24/2017 9:30	30.12	81.1	6.48	1.9	SR5	8/24/2017 15:30	27.81	78.3	6.07	2.2	SR5	8/24/2017 21:30	28.15	77.5	5.98	3.8
SR5	8/24/2017 3:35	29.98	76.2	5.99	5.0	SR5	8/24/2017 9:35	30.10	81.3	6.50	1.4	SR5	8/24/2017 15:35	27.99	80.2	6.20	2.2	SR5	8/24/2017 21:35	28.18	77.8	6.00	4.0
SR5	8/24/2017 3:40	30.18	76.2	6.05	1.9	SR5	8/24/2017 9:40	30.09	81.4	6.46	1.7	SR5	8/24/2017 15:40	28.05	80.3	6.20	1.9	SR5	8/24/2017 21:40	28.19	77.6	5.98	3.7
SR5	8/24/2017 3:45	29.91	76.3	6.04	2.0	SR5	8/24/2017 9:45	30.10	81.4	6.50	1.7	SR5	8/24/2017 15:45	27.72	79.1	6.15	1.9	SR5	8/24/2017 21:45	28.17	77.4	5.97	2.3
SR5	8/24/2017 3:50	30.18	76.3	6.06	2.1	SR5	8/24/2017 9:50	30.11	81.5	6.47	1.7	SR5	8/24/2017 15:50	27.81	78.5	6.09	1.7	SR5	8/24/2017 21:50	28.17	77.3	5.96	1.6
SR5	8/24/2017 3:55	30.05	76.3	6.08	1.9	SR5	8/24/2017 9:55	30.10	81.6	6.52	1.7	SR5	8/24/2017 15:55	27.94	80.0	6.19	1.9	SR5	8/24/2017 21:55	28.14	77.5	5.98	1.6
SR5	8/24/2017 4:00	29.99	76.4	6.04	1.7	SR5	8/24/2017 10:00	30.03	99.7	7.33	1.7	SR5	8/24/2017 16:00	28.10	80.5	6.22	1.9	SR5	8/24/2017 22:00	28.16	78.0	6.01	2.0
SR5	8/24/2017 4:05	30.14	76.4	6.07	1.5	SR5	8/24/2017 10:05	30.12	99.6	7.33	1.7	SR5	8/24/2017 16:05	28.09	80.2	6.19	2.7	SR5	8/24/2017 22:05	28.17	78.2	6.03	3.7
SR5	8/24/2017 4:10	30.04	76.5	6.05	1.7	SR5	8/24/2017 10:10	30.12	100.1	7.35	1.7	SR5	8/24/2017 16:10	28.11	80.0	6.17	2.8	SR5	8/24/2017 22:10	28.07	77.2	5.96	3.6
SR5	8/24/2017 4:15	30.22	76.5	6.06	1.9	SR5	8/24/2017 10:15	30.08	100.0	7.31	1.8	SR5	8/24/2017 16:15	28.06	79.5	6.14	2.0	SR5	8/24/2017 22:15	28.12	78.2	6.04	3.8
SR5	8/24/2017 4:20	30.02	76.5	6.07	1.9	SR5	8/24/2017 10:20	30.13	99.9	7.27	1.8	SR5	8/24/2017 16:20	28.00	78.8	6.09	2.8	SR5	8/24/2017 22:20	28.10	78.1	6.03	2.6
SR5	8/24/2017 4:25	30.13	76.6	6.09	1.8	SR5	8/24/2017 10:25	29.98	100.0	7.27	1.9	SR5	8/24/2017 16:25	27.95	78.4	6.07	3.2	SR5	8/24/2017 22:25	28.07	77.9	6.02	4.9
SR5	8/24/2017 4:30	30.24	76.6	6.07	1.6	SR5	8/24/2017 10:30	29.93	100.1	7.23	1.9	SR5	8/24/2017 16:30	27.96	78.5	6.08	2.4	SR5	8/24/2017 22:30	28.01	78.6	6.08	5.0
SR5	8/24/2017 4:35	29.91	76.7	6.08	1.7	SR5	8/24/2017 10:35	30.14	100.1	7.22	2.1	SR5	8/24/2017 16:35	27.97	78.8	6.09	2.4	SR5	8/24/2017 22:35	27.98	78.8	6.10	4.6
SR5	8/24/2017 4:40	30.20	76.7	6.11	1.9	SR5	8/24/2017 10:40	30.02	99.9	7.20	1.9	SR5	8/24/2017 16:40	28.02	79.3	6.13	2.4	SR5	8/24/2017 22:40	27.93	78.8	6.10	4.8
SR5	8/24/2017 4:45	29.88	76.8	6.11	1.9	SR5						SR5	8/24/2017 16:45	28.01	78.9	6.10	2.4	SR5	8/24/2017 22:45	27.88	78.5	6.08	4.5
SR5	8/24/2017 4:50	29.90	76.8	6.09	1.6	SR5						SR5	8/24/2017 16:50	28.03	78.8	6.09	2.7	SR5	8/24/2017 22:50	27.78	78.0	6.05	1.9
SR5	8/24/2017 4:55	30.02	76.9	6.11	2.2	SR5						SR5	8/24/2017 16:55	28.01	78.4	6.06	2.6	SR5	8/24/2017 22:55	27.78	78.1	6.06	1.9
SR5	8/24/2017 5:00	29.90	76.9	6.13	1.7	SR5	8/24/2017 11:00	29.99	100.3	7.18	2.0	SR5	8/24/2017 17:00	28.05	78.6	6.07	2.8	SR5	8/24/2017 23:00	27.78	78.0	6.05	1.7
SR5	8/24/2017 5:05	29.91	76.9	6.12	2.1	SR5	8/24/2017 11:05	30.20	100.5	7.20	2.0	SR5	8/24/2017 17:05	28.03	78.3	6.05	2.5	SR5	8/24/2017 23:05	27.67	77.6	6.04	4.7
SR5	8/24/2017 5:10	30.12	77.0	6.13	2.1	SR5	8/24/2017 11:10	30.16	100.0	7.12	2.4	SR5	8/24/2017 17:10	28.06	78.1	6.04	3.1	SR5	8/24/2017 23:10	27.67	77.8	6.05	4.5
SR5	8/24/2017 5:15	30.16	77.0	6.11	2.7	SR5	8/24/2017 11:15	30.16	100.7	7.14	2.0	SR5	8/24/2017 17:15	28.11	78.3	6.04	2.3	SR5	8/24/2017 23:15	27.66	77.7	6.04	5.0
SR5	8/24/2017 5:20	29.92	77.1	6.16	2.2	SR5	8/24/2017 11:20	29.90	100.9	7.16	2.0	SR5	8/24/2017 17:20	28.11	77.8	6.00	2.7	SR5	8/24/2017 23:20	27.63	77.5	6.03	5.1
SR5	8/24/2017 5:25	29.92	77.1	6.16	1.8	SR5	8/24/2017 11:25	29.91	100.4	7.16	2.5	SR5	8/24/2017 17:25	28.23	78.9	6.08	2.3	SR5	8/24/2017 23:25	27.61	77.5	6.04	2.4
SR5	8/24/2017 5:30	30.12	77.1	6.14	1.8	SR5	8/24/2017 11:30	30.15	100.5	7.11	2.0	SR5	8/24/2017 17:30	28.22	78.2	6.03	3.1	SR5	8/24/2017 23:30	27.59	77.6	6.04	4.3
SR5	8/24/2017 5:35	30.16	79.1	6.14	1.7	SR5	8/24/2017 11:35	30.19	100.9	7.11	2.3	SR5	8/24/2017 17:35	28.28	78.7	6.05	3.4	SR5	8/24/2017 23:35	27.59	77.5	6.04	4.8
SR5	8/24/2017 5:40	30.13	79.1	6.14	1.8	SR5	8/24/2017 11:40	30.05	100.3	7.12	2.0	SR5	8/24/2017 17:40	28.29	78.5	6.04	2.9	SR5	8/24/2017 23:40	27.61	77.7	6.05	4.9
SR5	8/24/2017 5:45	30.09	79.2	6.16	2.0	SR5	8/24/2017 11:45	29.92	101.0	7.14	2.1	SR5	8/24/2017 17:45	28.35	78.6	6.04	3.5	SR5	8/24/2017 23:45	27.58	77.7	6.05	5.3
SR5	8/24/2017 5:50	30.10	79.2	6.13	2.2	SR5	8/24/2017 11:50	30.03	100.6	7.13	2.3	SR5	8/24/2017 17:50	28.27	77.8	5.98	3.3	SR5	8/24/2017 23:50	27.56	77.4	6.03	5.2
SR5	8/24/2017 5:55	30.08	79.3	6.15	3.5	SR5	8/24/2017 11:55	30.06	101.0	7.12	1.7	SR5	8/24/2017 17:55	28.21	77.1	5.94	3.8	SR5	8/24/2017 23:55	27.56	77.6	6.05	5.5

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR12	8/24/2017 0:01	30.40	75.2	6.00	5.6	SR12	8/24/2017 6:01	30.14	79.1	6.21	5.9	SR12	8/24/2017 12:01	30.63	91.9	6.71	5.5	SR12	8/24/2017 18:01	28.13	71.1	4.92	5.5
SR12	8/24/2017 0:06	30.29	74.5	5.75	5.7	SR12	8/24/2017 6:06	30.10	79.1	6.21	5.5	SR12	8/24/2017 12:06	31.12	91.9	6.71	5.4	SR12	8/24/2017 18:06	28.19	71.2	4.93	5.9
SR12	8/24/2017 0:11	30.31	74.6	5.75	6.4	SR12	8/24/2017 6:11	30.11	79.2	6.23	5.4	SR12	8/24/2017 12:11	30.81	92.0	6.72	5.6	SR12	8/24/2017 18:11	28.31	72.0	4.99	5.8
SR12	8/24/2017 0:16	30.19	74.6	5.75	5.8	SR12	8/24/2017 6:16	30.11	79.3	6.24	6.0	SR12	8/24/2017 12:16	30.64	91.9	6.70	5.6	SR12	8/24/2017 18:16	28.31	71.9	4.98	5.7
SR12	8/24/2017 0:21	30.13	75.1	5.77	5.7	SR12	8/24/2017 6:21	30.09	79.3	6.24	5.4	SR12	8/24/2017 12:21	30.98	91.8	6.67	5.5	SR12	8/24/2017 18:21	28.30	72.0	4.99	5.8
SR12	8/24/2017 0:26	30.20	75.2	5.78	5.8	SR12	8/24/2017 6:26	30.10	79.3	6.24	5.4	SR12	8/24/2017 12:26	31.03	92.0	6.63	5.6	SR12	8/24/2017 18:26	28.29	71.7	4.98	5.8
SR12	8/24/2017 0:31	30.28	75.3	5.80	5.9	SR12	8/24/2017 6:31	30.09	79.4	6.26	5.3	SR12	8/24/2017 12:31	30.84	92.3	6.65	5.7	SR12	8/24/2017 18:31	28.27	71.3	4.95	5.8
SR12	8/24/2017 0:36	30.28	75.4	5.82	6.3	SR12	8/24/2017 6:36	30.11	79.4	6.24	5.7	SR12	8/24/2017 12:36	31.12	91.9	6.63	5.7	SR12	8/24/2017 18:36	28.26	71.3	4.95	6.0
SR12	8/24/2017 0:41	30.24	75.4	5.82	6.0	SR12	8/24/2017 6:41	30.09	79.5	6.25	5.4	SR12	8/24/2017 12:41	30.97	91.6	6.60	5.6	SR12	8/24/2017 18:41	28.25	71.2	4.95	5.8
SR12	8/24/2017 0:46	30.21	75.3	5.84	6.1	SR12	8/24/2017 6:46	30.09	79.4	6.27	5.9	SR12	8/24/2017 12:46	30.63	92.0	6.67	5.6	SR12	8/24/2017 18:46	28.23	71.2	4.95	5.9
SR12	8/24/2017 0:51	30.22	75.4	5.85	6.2	SR12	8/24/2017 6:51	30.09	79.5	6.27	5.7	SR12	8/24/2017 12:51	30.99	91.7	6.60	5.9	SR12	8/24/2017 18:51	28.22	71.1	4.94	6.7
SR12	8/24/2017 0:56	30.21	75.5	5.86	5.9	SR12	8/24/2017 6:56	30.09	79.5	6.28	5.5	SR12	8/24/2017 12:56	30.63	92.1	6.67	5.8	SR12	8/24/2017 18:56	28.21	70.7	4.92	6.1
SR12	8/24/2017 1:01	30.21	75.6	5.85	5.9	SR12	8/24/2017 7:01	30.10	79.5	6.27	5.5	SR12	8/24/2017 13:01	31.00	91.8	6.63	5.8	SR12	8/24/2017 19:01	28.22	71.0	4.94	5.8
SR12	8/24/2017 1:06	30.25	75.6	5.86	6.0	SR12	8/24/2017 7:06	30.07	79.6	6.28	5.6	SR12	8/24/2017 13:06	31.09	91.8	6.65	5.8	SR12	8/24/2017 19:06	28.17	70.2	4.89	6.0
SR12	8/24/2017 1:11	30.24	75.6	5.88	6.2	SR12	8/24/2017 7:11	30.08	79.6	6.28	5.5	SR12	8/24/2017 13:11	30.96	91.8	6.59	5.6	SR12	8/24/2017 19:11	28.17	70.4	4.90	6.0
SR12	8/24/2017 1:16	30.23	75.7	5.89	6.2	SR12	8/24/2017 7:16	30.13	79.4	6.27	5.5	SR12	8/24/2017 13:16	27.14	72.8	4.98	5.5	SR12	8/24/2017 19:16	28.16	70.1	4.88	6.3
SR12	8/24/2017 1:21	30.21	75.8	5.88	5.9	SR12	8/24/2017 7:21	30.14	79.5	6.28	5.6	SR12	8/24/2017 13:21	27.36	73.4	5.06	5.6	SR12	8/24/2017 19:21	28.13	69.8	4.86	6.0
SR12	8/24/2017 1:26	30.17	75.8	5.90	6.3	SR12	8/24/2017 7:26	30.15	79.5	6.30	5.5	SR12	8/24/2017 13:26	27.41	73.5	5.07	6.8	SR12	8/24/2017 19:26	28.13	70.3	4.90	5.9
SR12	8/24/2017 1:31	30.24	75.9	5.93	6.1	SR12	8/24/2017 7:31	30.16	79.4	6.33	5.5	SR12	8/24/2017 13:31	27.33	73.5	5.07	5.7	SR12	8/24/2017 19:31	28.12	70.3	4.89	5.9
SR12	8/24/2017 1:36	30.17	75.9	5.93	5.9	SR12	8/24/2017 7:36	30.15	79.4	6.31	5.9	SR12	8/24/2017 13:36	27.26	74.1	5.10	5.8	SR12	8/24/2017 19:36	28.13	69.9	4.86	6.2
SR12	8/24/2017 1:41	30.19	76.0	5.93	5.9	SR12	8/24/2017 7:41	30.19	79.4	6.34	5.3	SR12	8/24/2017 13:41	27.16	73.6	5.07	5.6	SR12	8/24/2017 19:41	28.14	70.3	4.89	6.2
SR12	8/24/2017 1:46	30.23	76.1	5.94	5.7	SR12	8/24/2017 7:46	30.17	79.4	6.31	5.8	SR12	8/24/2017 13:46	27.11	74.0	5.11	5.6	SR12	8/24/2017 19:46	28.15	70.5	4.91	6.0
SR12	8/24/2017 1:51	30.25	76.1	5.92	5.5	SR12	8/24/2017 7:51	30.16	79.5	6.35	5.6	SR12	8/24/2017 13:51	27.22	74.1	5.12	5.7	SR12	8/24/2017 19:51	28.15	70.3	4.89	5.8
SR12	8/24/2017 1:56	30.23	76.2	5.96	5.5	SR12	8/24/2017 7:56	30.19	79.5	6.35	5.7	SR12	8/24/2017 13:56	27.23	73.6	5.08	5.7	SR12	8/24/2017 19:56	28.15	70.9	4.94	6.0
SR12	8/24/2017 2:01	30.22	76.2	5.97	5.6	SR12	8/24/2017 8:01	30.20	79.5	6.35	5.4	SR12	8/24/2017 14:01	27.19	73.9	5.10	5.6	SR12	8/24/2017 20:01	28.15	70.6	4.91	5.9
SR12	8/24/2017 2:06	30.23	76.3	5.96	6.1	SR12	8/24/2017 8:06	30.20	79.6	6.39	5.4	SR12	8/24/2017 14:06	27.25	73.5	5.07	5.8	SR12	8/24/2017 20:06	28.17	70.2	4.89	5.8
SR12	8/24/2017 2:11	30.16	76.3	5.98	6.8	SR12	8/24/2017 8:11	30.20	79.6	6.40	5.6	SR12	8/24/2017 14:11	27.44	75.2	5.19	5.7	SR12	8/24/2017 20:11	28.17	70.4	4.90	6.9
SR12	8/24/2017 2:16	30.15	76.4	5.98	6.2	SR12	8/24/2017 8:16	30.23	79.6	6.37	5.3	SR12	8/24/2017 14:16	27.22	75.9	5.23	5.8	SR12	8/24/2017 20:16	28.16	70.1	4.88	5.8
SR12	8/24/2017 2:21	30.23	76.4	6.00	5.3	SR12	8/24/2017 8:21	30.21	79.7	6.37	5.5	SR12	8/24/2017 14:21	27.34	74.8	5.16	5.9	SR12	8/24/2017 20:21	28.13	69.8	4.86	6.0
SR12	8/24/2017 2:26	30.22	76.5	5.98	5.7	SR12	8/24/2017 8:26	30.23	79.7	6.41	5.8	SR12	8/24/2017 14:26	27.44	74.2	5.12	8.1	SR12	8/24/2017 20:26	28.13	70.3	4.90	6.1
SR12	8/24/2017 2:31	30.24	76.6	6.00	5.6	SR12	8/24/2017 8:31	30.25	79.7	6.43	5.4	SR12	8/24/2017 14:31	27.57	73.8	5.09	5.6	SR12	8/24/2017 20:31	28.12	70.3	4.89	5.8
SR12	8/24/2017 2:36	30.26	76.6	5.99	5.4	SR12	8/24/2017 8:36	30.21	79.7	6.39	5.5	SR12	8/24/2017 14:36	27.55	73.3	5.06	6.0	SR12	8/24/2017 20:36	28.13	69.9	4.86	7.9
SR12	8/24/2017 2:41	30.22	76.6	6.01	5.3	SR12	8/24/2017 8:41	30.24	79.8	6.42	5.5	SR12	8/24/2017 14:41	27.44	72.8	5.02	5.7	SR12	8/24/2017 20:41	28.14	70.3	4.89	5.8
SR12	8/24/2017 2:46	30.16	76.7	6.00	5.5	SR12	8/24/2017 8:46	30.24	79.9	6.41	5.7	SR12	8/24/2017 14:46	27.70	75.1	5.17	5.7	SR12	8/24/2017 20:46	28.15	70.5	4.91	6.1
SR12	8/24/2017 2:51	30.24	76.6	6.01	5.5	SR12	8/24/2017 8:51	30.23	79.9	6.46	5.6	SR12	8/24/2017 14:51	27.75	75.6	5.20	5.8	SR12	8/24/2017 20:51	28.15	70.3	4.89	5.8
SR12	8/24/2017 2:56	30.26	76.6	6.01	5.5	SR12	8/24/2017 8:56	30.23	79.9	6.45	5.8	SR12	8/24/2017 14:56	27.70	74.7	5.15	5.9	SR12	8/24/2017 20:56	28.15	70.9	4.94	6.1
SR12	8/24/2017 3:01	30.25	76.6	6.04	5.4	SR12	8/24/2017 9:01	30.26	80.0	6.46	5.6	SR12	8/24/2017 15:01	27.79	74.3	5.12	5.7	SR12	8/24/2017 21:01	28.15	70.6	4.91	6.0
SR12	8/24/2017 3:06	30.24	76.6	6.03	5.2	SR12	8/24/2017 9:06	30.27	80.1	6.45	5.8	SR12	8/24/2017 15:06	27.72	73.9	5.10	5.8	SR12	8/24/2017 21:06	28.21	70.6	4.91	5.9
SR12	8/24/2017 3:11	30.27	76.6	6.03	5.4	SR12	8/24/2017 9:11	30.26	80.1	6.49	5.5	SR12	8/24/2017 15:11	27.73	73.9	5.10	5.8	SR12	8/24/2017 21:11	28.18	70.5	4.91	6.1
SR12	8/24/2017 3:16	30.25	76.6	6.06	5.4	SR12	8/24/2017 9:16	30.27	80.1	6.47	5.5	SR12	8/24/2017 15:16	27.74	73.6	5.08	6.0	SR12	8/24/2017 21:16	28.17	70.9	4.93	6.3
SR12	8/24/2017 3:21	30.26	76.6	6.07	5.5	SR12	8/24/2017 9:21	30.28	80.3	6.50	6.2	SR12	8/24/2017 15:21	27.77	73.0	5.04	5.7	SR12	8/24/2017 21:21	28.15	70.6	4.91	6.4
SR12	8/24/2017 3:26	30.28	76.6	6.09	6.1	SR12	8/24/2017 9:26	30.29	80.3	6.49	6.1	SR12	8/24/2017 15:26	27.72	72.5	5.01	5.7	SR12	8/24/2017 21:26	28.12	70.6	4.91	8.4
SR12	8/24/2017 3:31	30.29	76.6	6.09	**14.5**	SR12	8/24/2017 9:31	30.28	80.3	6.51	5.8	SR12	8/24/2017 15:31	27.71	71.6	4.95	5.7	SR12	8/24/2017 21:31	28.10	70.2	4.88	6.7
SR12	8/24/2017 3:36	30.26	76.6	6.10	5.7	SR12	8/24/2017 9:36	30.28	80.5	6.53	6.0	SR12	8/24/2017 15:36	27.79	72.4	5.01	5.8	SR12	8/24/2017 21:36	28.08	70.5	4.90	6.3
SR12	8/24/2017 3:41	30.26	76.6	6.08	5.6	SR12	8/24/2017 9:41	30.29	80.5	6.55	5.7	SR12	8/24/2017 15:41	27.86	72.8	5.03	5.6	SR12	8/24/2017 21:41	28.09	70.1	4.87	6.1
SR12	8/24/2017 3:46	30.26	76.6	6.11	5.8	SR12	8/24/2017 9:46	30.28	80.6	6.51	5.8	SR12	8/24/2017 15:46	27.81	72.6	5.01	5.8	SR12	8/24/2017 21:46	28.09	70.2	4.88	6.0
SR12	8/24/2017 3:51	30.31	76.6	6.08	5.8	SR12	8/24/2017 9:51	30.27	80.6	6.52	5.8	SR12	8/24/2017 15:51	27.80	72.9	5.03	5.6	SR12	8/24/2017 21:51	28.09	70.1	4.87	6.1
SR12	8/24/2017 3:56	30.26	76.7	6.09	5.9	SR12	8/24/2017 9:56	30.25	80.7	6.54	5.8	SR12	8/24/2017 15:56	27.77	72.3	4.99	5.8	SR12	8/24/2017 21:56	28.07	71.3	4.95	6.1
SR12	8/24/2017 4:01	30.28	76.7	6.10	5.7	SR12	8/24/2017 10:01	30.14	91.7	6.94	5.8	SR12	8/24/2017 16:01	27.79	72.6	5.01	6.2	SR12	8/24/2017 22:01	28.09	71.5	4.98	7.1
SR12	8/24/2017 4:06	30.28	76.7	6.11	6.4	SR12	8/24/2017 10:06	30.00	91.6	6.95	5.6	SR12	8/24/2017 16:06	27.94	73.1	5.04	5.8	SR12	8/24/2017 22:06	28.10	71.7	4.99	8.0
SR12	8/24/2017 4:11	30.29	76.7	6.12	6.1	SR12	8/24/2017 10:11	30.05	91.4	6.93	5.7	SR12	8/24/2017 16:11	27.98	73.4	5.06	5.7	SR12	8/24/2017 22:11	28.01	71.4	4.96	6.4
SR12	8/24/2017 4:16	30.31	76.8	6.14	5.7	SR12	8/24/2017 10:16	30.16	91.6	6.93	5.7	SR12	8/24/2017 16:16	28.00	73.4	5.06	5.8	SR12	8/24/2017 22:16	28.03	71.6	4.97	6.6
SR12	8/24/2017 4:21	30.32	76.8	6.11	5.7	SR12	8/24/2017 10:21	30.49	91.7	6.90	5.8	SR12	8/24/2017 16:21	27.98	73.3	5.05	5.8	SR12	8/24/2017 22:21	28.03	71.7	4.98	6.4
SR12	8/24/2017 4:26	30.32	76.8	6.15	5.6	SR12	8/24/2017 10:26	30.81	91.7	6.86	5.7	SR12	8/24/2017 16:26	27.93	72.7	5.02	5.7	SR12	8/24/2017 22:26	28.02	71.8	4.98	6.4
SR12	8/24/2017 4:31	30.34	76.8	6.13	5.6	SR12	8/24/2017 10:31	31.08	91.6	6.82	5.8	SR12	8/24/2017 16:31	27.90	72.5	5.00	5.6	SR12	8/24/2017 22:31	27.99	72.4	5.02	7.3
SR12	8/24/2017 4:36	30.33	76.8	6.17	5.6	SR12	8/24/2017 10:36	31.09	91.5	6.81	6.2	SR12	8/24/2017 16:36	27.88	72.2	4.99	5.5	SR12	8/24/2017 22:36	27.97	72.7	5.05	6.2
SR12	8/24/2017 4:41	30.32	76.8	6.15	5.9	SR12	8/24/2017 10:41	30.89	91.5	6.84	5.9	SR12	8/24/2017 16:41	27.87	72.3	4.99	5.9	SR12	8/24/2017 22:41	27.86	72.9	5.06	6.2
SR12	8/24/2017 4:46	30.30	76.9	6.15	5.7	SR12	8/24/2017 10:46	30.83	91.8	6.87	5.8	SR12	8/24/2017 16:46	27.89	72.4	5.00	5.5	SR12	8/24/2017 22:46	27.76	72.4	5.02	6.4
SR12	8/24/2017 4:51	30.31	76.9	6.17	6.2	SR12	8/24/2017 10:51	30.90	92.0	6.87	5.5	SR12	8/24/2017 16:51	27.91	72.4	5.00	5.8	SR12	8/24/2017 22:51	27.75	72.5	5.02	6.1
SR12	8/24/2017 4:56	30.31	76.9	6.16	6.1	SR12	8/24/2017 10:56	30.82	91.9	6.88	5.9	SR12	8/24/2017 16:56	27.93	72.3	5.00	5.6	SR12	8/24/2017 22:56	27.78	72.7	5.04	7.8
SR12	8/24/2017 5:01	30.34	77.0	6.19	5.9	SR12	8/24/2017 11:01	30.67	91.7	6.82	5.9	SR12	8/24/2017 17:01	27.91	72.4	5.00	5.8	SR12	8/24/2017 23:01	27.76	72.5	5.03	6.5
SR12	8/24/2017 5:06	30.34	77.0	6.15	5.7	SR12	8/24/2017 11:06	30.74	91.8	6.80	5.7	SR12	8/24/2017 17:06	27.92	72.0	4.97	5.8	SR12	8/24/2017 23:06	27.64	71.9	4.97	6.5
SR12	8/24/2017 5:11	30.31	77.0	6.20	5.8	SR12	8/24/2017 11:11	30.90	92.0	6.80	5.7	SR12	8/24/2017 17:11	27.91	71.8	4.96	5.7	SR12	8/24/2017 23:11	27.65	71.8	4.97	6.3
SR12	8/24/2017 5:16	30.32	77.0	6.17	5.6	SR12	8/24/2017 11:16	31.06	92.1	6.79	5.6	SR12	8/24/2017 17:16	27.93	71.8	4.96	5.6	SR12	8/24/2017 23:16	27.60	71.7	4.96	6.3
SR12	8/24/2017 5:21	30.08	78.1	6.18	5.5	SR12	8/24/2017 11:21	31.03	92.2	6.78	5.7	SR12	8/24/2017 17:21	27.97	72.2	4.99	5.4	SR12	8/24/2017 23:21	27.57	71.6	4.95	6.3
SR12	8/24/2017 5:26	30.07	78.1	6.19	5.6	SR12	8/24/2017 11:26	30.64	92.1	6.77	5.8	SR12	8/24/2017 17:26	27.99	71.7	4.96	5.4	SR12	8/24/2017 23:26	27.56	71.8	4.97	6.2
SR12	8/24/2017 5:31	30.15	78.2	6.19	5.7	SR12	8/24/2017 11:31	30.84	92.3	6.77	5.9	SR12	8/24/2017 17:31	28.08	71.9	4.97	5.8	SR12	8/24/2017 23:31	27.53	71.6	4.95	6.3
SR12	8/24/2017 5:36	30.15	78.9	6.19	5.6	SR12	8/24/2017 11:36	30.70	92.5	6.75	5.7	SR12	8/24/2017 17:36	28.08	72.2	4.99	5.7	SR12	8/24/2017 23:36	27.58	72.1	4.99	6.4
SR12	8/24/2017 5:41	30.14	78.9	6.20	5.5	SR12	8/24/2017 11:41	30.63	92.5	6.76	5.6	SR12	8/24/2017 17:41	28.11	71.8	4.97	5.5	SR12	8/24/2017 23:41	27.52	71.8	4.96	6.2
SR12	8/24/2017 5:46	30.11	78.9	6.21	5.5	SR12	8/24/2017 11:46	30.80	92.5	6.69	5.8	SR12	8/24/2017 17:46	28.14	71.9	4.97	5.5	SR12	8/24/2017 23:46	27.47	71.0	4.91	6.3
SR12	8/24/2017 5:51	30.12	79.0	6.19	5.8	SR12	8/24/2017 11:51	31.02	92.5	6.74	5.6	SR12	8/24/2017 17:51	28.18	71.8	4.97	5.7	SR12	8/24/2017 23:51	27.48	71.5	4.94	6.1
SR12	8/24/2017 5:56	30.12	79.0	6.21	5.6	SR12	8/24/2017 11:56	30.92	92.0	6.72	5.5	SR12	8/24/2017 17:56	28.13	71.1	4.92	5.5	SR12	8/24/2017 23:56	27.56	72.6	5.02	6.2

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR13	8/24/2017 0:00	30.36	74.9	5.74	5.4	SR13	8/24/2017 6:00	29.95	80.4	6.26	5.0	SR13	8/24/2017 12:00	29.80	92.4	6.90	5.4	SR13	8/24/2017 18:00	28.14	72.0	5.92	5.3
SR13	8/24/2017 0:05	30.41	75.0	5.77	5.4	SR13	8/24/2017 6:05	29.93	80.4	6.25	4.8	SR13	8/24/2017 12:05	29.71	92.0	6.87	5.5	SR13	8/24/2017 18:05	28.14	72.3	5.94	5.7
SR13	8/24/2017 0:10	30.40	75.0	5.76	5.3	SR13	8/24/2017 6:10	29.91	80.5	6.25	5.0	SR13	8/24/2017 12:10	29.87	91.8	6.86	5.4	SR13	8/24/2017 18:10	28.24	72.3	5.93	5.4
SR13	8/24/2017 0:15	30.35	75.1	5.81	5.3	SR13	8/24/2017 6:15	29.92	80.6	6.28	5.0	SR13	8/24/2017 12:15	29.88	92.3	6.91	5.3	SR13	8/24/2017 18:15	28.29	72.1	5.91	5.8
SR13	8/24/2017 0:20	30.37	75.2	5.79	5.2	SR13	8/24/2017 6:20	29.89	80.7	6.30	4.9	SR13	8/24/2017 12:20	29.96	92.3	6.89	5.7	SR13	8/24/2017 18:20	28.21	72.1	5.92	5.7
SR13	8/24/2017 0:25	30.34	75.3	5.79	5.4	SR13	8/24/2017 6:25	29.91	80.7	6.27	4.8	SR13	8/24/2017 12:25	29.74	92.6	6.87	5.6	SR13	8/24/2017 18:25	28.28	71.7	5.88	5.6
SR13	8/24/2017 0:30	30.36	75.5	5.83	5.8	SR13	8/24/2017 6:30	29.90	80.8	6.29	4.8	SR13	8/24/2017 12:30	29.96	92.4	6.84	5.4	SR13	8/24/2017 18:30	28.22	72.3	5.93	5.7
SR13	8/24/2017 0:35	30.36	75.7	5.83	5.2	SR13	8/24/2017 6:35	29.90	80.8	6.26	5.5	SR13	8/24/2017 12:35	29.84	92.5	6.87	5.3	SR13	8/24/2017 18:35	28.24	71.9	5.90	6.0
SR13	8/24/2017 0:40	30.31	75.9	5.86	5.1	SR13	8/24/2017 6:40	29.89	80.8	6.30	5.5	SR13	8/24/2017 12:40	29.67	92.1	6.81	5.3	SR13	8/24/2017 18:40	28.26	71.3	5.85	5.4
SR13	8/24/2017 0:45	30.33	76.0	5.86	5.3	SR13	8/24/2017 6:45	29.89	80.8	6.30	5.3	SR13	8/24/2017 12:45	29.66	92.4	6.88	5.6	SR13	8/24/2017 18:45	28.26	71.2	5.84	5.6
SR13	8/24/2017 0:50	30.34	76.1	5.89	5.3	SR13	8/24/2017 6:50	29.86	80.8	6.32	5.3	SR13	8/24/2017 12:50	29.76	92.2	6.83	5.5	SR13	8/24/2017 18:50	28.25	71.0	5.82	5.4
SR13	8/24/2017 0:55	30.32	76.2	5.88	5.5	SR13	8/24/2017 6:55	29.85	80.8	6.30	5.7	SR13	8/24/2017 12:55	29.79	92.5	6.85	5.6	SR13	8/24/2017 18:55	28.27	71.6	5.87	5.4
SR13	8/24/2017 1:00	30.31	76.3	5.89	5.1	SR13	8/24/2017 7:00	29.87	80.8	6.31	5.2	SR13	8/24/2017 13:00	29.78	92.7	6.79	5.5	SR13	8/24/2017 19:00	28.25	71.5	5.86	5.6
SR13	8/24/2017 1:05	30.27	76.4	5.89	5.5	SR13	8/24/2017 7:05	29.85	81.0	6.32	5.5	SR13	8/24/2017 13:05	29.84	92.1	6.74	5.7	SR13	8/24/2017 19:05	28.24	70.9	5.82	5.5
SR13	8/24/2017 1:10	30.32	76.5	5.90	5.1	SR13	8/24/2017 7:10	29.83	81.0	6.32	5.3	SR13	8/24/2017 13:10	28.49	73.8	6.02	5.7	SR13	8/24/2017 19:10	28.23	71.2	5.84	5.6
SR13	8/24/2017 1:15	30.26	76.7	5.93	5.2	SR13	8/24/2017 7:15	29.85	81.0	6.31	5.7	SR13	8/24/2017 13:15	27.22	73.3	6.12	5.6	SR13	8/24/2017 19:15	28.22	71.2	5.84	5.2
SR13	8/24/2017 1:20	30.29	76.8	5.91	5.1	SR13	8/24/2017 7:20	29.85	81.1	6.35	5.3	SR13	8/24/2017 13:20	27.70	73.8	6.11	5.3	SR13	8/24/2017 19:20	28.21	71.2	5.84	5.5
SR13	8/24/2017 1:25	30.29	76.9	5.96	5.0	SR13	8/24/2017 7:25	29.84	81.0	6.31	5.6	SR13	8/24/2017 13:25	27.50	73.7	6.12	5.7	SR13	8/24/2017 19:25	28.18	70.9	5.82	5.3
SR13	8/24/2017 1:30	30.27	77.0	5.97	5.5	SR13	8/24/2017 7:30	29.80	81.0	6.30	5.7	SR13	8/24/2017 13:30	27.44	73.7	6.14	6.2	SR13	8/24/2017 19:30	28.16	70.7	5.80	5.5
SR13	8/24/2017 1:35	30.24	77.2	5.96	4.9	SR13	8/24/2017 7:35	29.82	80.9	6.29	5.3	SR13	8/24/2017 13:35	27.35	74.4	6.20	5.7	SR13	8/24/2017 19:35	28.16	70.7	5.81	5.6
SR13	8/24/2017 1:40	30.25	77.3	5.96	5.0	SR13	8/24/2017 7:40	29.80	81.0	6.35	5.7	SR13	8/24/2017 13:40	27.23	74.0	6.18	5.6	SR13	8/24/2017 19:40	28.16	70.7	5.81	5.4
SR13	8/24/2017 1:45	30.26	77.5	5.99	5.2	SR13	8/24/2017 7:45	29.78	81.0	6.33	5.3	SR13	8/24/2017 13:45	27.21	74.7	6.24	5.9	SR13	8/24/2017 19:45	28.16	70.4	5.79	5.4
SR13	8/24/2017 1:50	30.26	77.6	5.97	5.1	SR13	8/24/2017 7:50	29.69	82.1	6.41	5.5	SR13	8/24/2017 13:50	27.32	75.0	6.26	5.8	SR13	8/24/2017 19:50	28.17	70.6	5.80	5.7
SR13	8/24/2017 1:55	30.22	77.7	6.01	5.0	SR13	8/24/2017 7:55	29.76	84.6	6.61	5.3	SR13	8/24/2017 13:55	27.54	74.2	6.16	5.9	SR13	8/24/2017 19:55	28.17	70.9	5.82	5.4
SR13	8/24/2017 2:00	30.21	77.8	6.03	5.2	SR13	8/24/2017 8:00	29.77	84.1	6.57	5.8	SR13	8/24/2017 14:00	27.70	74.1	6.14	6.1	SR13	8/24/2017 20:00	28.22	71.8	5.90	5.5
SR13	8/24/2017 2:05	30.23	77.8	6.00	4.9	SR13	8/24/2017 8:05	29.68	83.7	6.54	5.4	SR13	8/24/2017 14:05	27.69	74.0	6.13	6.0	SR13	8/24/2017 20:05	28.21	71.1	5.84	5.5
SR13	8/24/2017 2:10	30.21	77.9	6.03	5.0	SR13	8/24/2017 8:10	29.76	84.7	6.62	5.4	SR13	8/24/2017 14:10	27.55	73.4	6.09	5.9	SR13	8/24/2017 20:10	28.28	72.0	5.90	5.5
SR13	8/24/2017 2:15	30.23	78.0	6.04	5.0	SR13	8/24/2017 8:15	29.68	84.6	6.61	5.7	SR13	8/24/2017 14:15	27.45	72.5	6.03	6.7	SR13	8/24/2017 20:15	28.20	71.5	5.87	6.0
SR13	8/24/2017 2:20	30.23	78.1	6.07	5.2	SR13	8/24/2017 8:20	29.77	85.1	6.65	5.4	SR13	8/24/2017 14:20	27.56	73.6	6.11	5.7	SR13	8/24/2017 20:20	28.22	71.6	5.87	5.5
SR13	8/24/2017 2:25	30.17	78.2	6.05	5.4	SR13	8/24/2017 8:25	29.73	83.7	6.54	5.4	SR13	8/24/2017 14:25	27.86	75.6	6.25	5.5	SR13	8/24/2017 20:25	28.20	71.0	5.83	5.4
SR13	8/24/2017 2:30	30.18	78.3	6.09	5.2	SR13	8/24/2017 8:30	29.76	83.5	6.52	5.6	SR13	8/24/2017 14:30	27.56	73.5	6.11	5.8	SR13	8/24/2017 20:30	28.18	70.7	5.81	5.2
SR13	8/24/2017 2:35	30.18	78.4	6.06	5.4	SR13	8/24/2017 8:35	29.76	84.0	6.56	5.7	SR13	8/24/2017 14:35	27.55	73.2	6.08	5.6	SR13	8/24/2017 20:35	28.19	70.7	5.81	5.6
SR13	8/24/2017 2:40	30.20	78.4	6.08	5.4	SR13	8/24/2017 8:40	29.76	84.0	6.56	5.4	SR13	8/24/2017 14:40	27.50	73.1	6.08	6.1	SR13	8/24/2017 20:40	28.21	71.7	5.88	5.4
SR13	8/24/2017 2:45	30.20	78.5	6.08	5.5	SR13	8/24/2017 8:45	29.74	84.6	6.61	5.6	SR13	8/24/2017 14:45	27.70	75.5	6.26	5.6	SR13	8/24/2017 20:45	28.21	70.9	5.82	5.5
SR13	8/24/2017 2:50	30.19	78.5	6.07	5.2	SR13	8/24/2017 8:50	29.72	84.7	6.62	5.4	SR13	8/24/2017 14:50	27.86	77.0	6.36	5.7	SR13	8/24/2017 20:50	28.21	70.8	5.81	6.0
SR13	8/24/2017 2:55	30.17	78.6	6.07	5.1	SR13	8/24/2017 8:55	29.72	84.9	6.63	5.3	SR13	8/24/2017 14:55	27.81	76.1	6.29	5.5	SR13	8/24/2017 20:55	28.25	71.9	5.89	5.7
SR13	8/24/2017 3:00	30.16	78.7	6.11	5.1	SR13	8/24/2017 9:00	29.77	85.8	6.70	5.3	SR13	8/24/2017 15:00	27.81	74.5	6.16	5.7	SR13	8/24/2017 21:00	28.26	71.9	5.89	5.7
SR13	8/24/2017 3:05	30.13	78.8	6.13	4.9	SR13	8/24/2017 9:05	29.72	87.7	6.85	5.1	SR13	8/24/2017 15:05	27.79	74.5	6.17	5.9	SR13	8/24/2017 21:05	28.18	70.3	5.78	5.8
SR13	8/24/2017 3:10	30.12	78.9	6.10	4.9	SR13	8/24/2017 9:10	29.75	85.5	6.68	5.1	SR13	8/24/2017 15:10	27.79	74.7	6.18	5.9	SR13	8/24/2017 21:10	28.17	70.5	5.79	5.9
SR13	8/24/2017 3:15	30.15	79.0	6.10	5.1	SR13	8/24/2017 9:15	29.73	85.5	6.68	5.3	SR13	8/24/2017 15:15	27.72	73.9	6.12	5.9	SR13	8/24/2017 21:15	28.14	70.7	5.81	5.8
SR13	8/24/2017 3:20	30.16	79.1	6.14	5.0	SR13	8/24/2017 9:20	29.69	88.5	6.91	5.5	SR13	8/24/2017 15:20	27.82	73.7	6.09	5.3	SR13	8/24/2017 21:20	28.09	70.1	5.77	5.7
SR13	8/24/2017 3:25	30.13	79.1	6.14	5.8	SR13	8/24/2017 9:25	29.70	86.0	6.72	5.3	SR13	8/24/2017 15:25	27.77	73.4	6.07	6.2	SR13	8/24/2017 21:25	28.08	70.4	5.79	5.6
SR13	8/24/2017 3:30	30.09	79.2	6.16	4.9	SR13	8/24/2017 9:30	29.70	85.4	6.67	5.2	SR13	8/24/2017 15:30	27.82	72.8	6.02	5.8	SR13	8/24/2017 21:30	28.11	71.1	5.85	5.9
SR13	8/24/2017 3:35	30.10	79.2	6.13	5.0	SR13	8/24/2017 9:35	29.73	87.9	6.87	5.5	SR13	8/24/2017 15:35	27.95	74.0	6.10	5.7	SR13	8/24/2017 21:35	28.10	71.1	5.85	5.7
SR13	8/24/2017 3:40	30.08	79.3	6.15	5.1	SR13	8/24/2017 9:40	29.77	87.3	6.82	5.5	SR13	8/24/2017 15:40	28.06	74.7	6.15	5.8	SR13	8/24/2017 21:40	28.11	71.0	5.84	5.7
SR13	8/24/2017 3:45	30.10	79.4	6.15	5.0	SR13	8/24/2017 9:45	29.71	86.7	6.77	5.5	SR13	8/24/2017 15:45	27.80	72.7	6.01	5.6	SR13	8/24/2017 21:45	28.12	71.1	5.85	5.5
SR13	8/24/2017 3:50	30.07	79.5	6.14	5.0	SR13	8/24/2017 9:50	29.75	86.9	6.79	5.1	SR13	8/24/2017 15:50	27.88	73.2	6.05	5.4	SR13	8/24/2017 21:50	28.12	70.8	5.82	5.5
SR13	8/24/2017 3:55	30.07	79.5	6.19	4.9	SR13	8/24/2017 9:55	29.71	87.4	6.83	5.3	SR13	8/24/2017 15:55	27.77	72.5	5.99	5.4	SR13	8/24/2017 21:55	28.11	70.9	5.83	5.5
SR13	8/24/2017 4:00	30.07	79.5	6.20	5.1	SR13	8/24/2017 10:00	29.66	91.2	7.09	5.2	SR13	8/24/2017 16:00	28.00	73.7	6.07	5.7	SR13	8/24/2017 22:00	28.12	71.0	5.84	5.8
SR13	8/24/2017 4:05	30.07	79.5	6.16	4.9	SR13	8/24/2017 10:05	29.86	91.5	7.16	5.2	SR13	8/24/2017 16:05	27.98	73.4	6.05	5.5	SR13	8/24/2017 22:05	28.12	71.3	5.86	5.5
SR13	8/24/2017 4:10	30.05	79.6	6.19	5.0	SR13	8/24/2017 10:10	29.77	91.5	7.17	5.2	SR13	8/24/2017 16:10	28.07	73.9	6.08	5.5	SR13	8/24/2017 22:10	27.97	70.7	5.82	5.6
SR13	8/24/2017 4:15	30.05	79.6	6.21	4.8	SR13	8/24/2017 10:15	29.98	91.6	7.14	5.0	SR13	8/24/2017 16:15	28.03	73.4	6.04	5.9	SR13	8/24/2017 22:15	28.05	71.4	5.88	5.4
SR13	8/24/2017 4:20	30.07	79.7	6.22	4.8	SR13	8/24/2017 10:20	29.86	91.6	7.10	5.0	SR13	8/24/2017 16:20	27.98	72.9	6.00	5.6	SR13	8/24/2017 22:20	28.07	71.8	5.90	6.1
SR13	8/24/2017 4:25	30.02	79.7	6.19	5.0	SR13	8/24/2017 10:25	29.75	92.1	7.08	5.4	SR13	8/24/2017 16:25	27.94	72.3	5.97	5.5	SR13	8/24/2017 22:25	28.05	71.7	5.90	5.5
SR13	8/24/2017 4:30	30.02	79.8	6.20	5.0	SR13	8/24/2017 10:30	29.79	92.0	7.05	5.7	SR13	8/24/2017 16:30	27.94	72.2	5.95	5.6	SR13	8/24/2017 22:30	28.06	72.2	5.94	5.6
SR13	8/24/2017 4:35	30.05	79.9	6.20	4.9	SR13	8/24/2017 10:35	29.67	91.3	6.94	5.5	SR13	8/24/2017 16:35	27.96	72.3	5.96	5.2	SR13	8/24/2017 22:35	28.03	72.9	6.00	5.9
SR13	8/24/2017 4:40	30.04	79.9	6.19	4.7	SR13	8/24/2017 10:40	29.96	91.2	7.00	5.4	SR13	8/24/2017 16:40	27.97	72.6	5.98	5.4	SR13	8/24/2017 22:40	27.98	73.4	6.05	5.6
SR13	8/24/2017 4:45	30.03	79.9	6.24	4.9	SR13	8/24/2017 10:45	29.90	91.7	7.06	7.1	SR13	8/24/2017 16:45	27.99	72.6	5.98	5.7	SR13	8/24/2017 22:45	27.91	73.2	6.04	5.6
SR13	8/24/2017 4:50	30.00	80.0	6.22	5.2	SR13	8/24/2017 10:50	30.01	92.1	7.05	5.1	SR13	8/24/2017 16:50	27.99	72.2	5.95	5.5	SR13	8/24/2017 22:50	27.85	73.1	6.04	5.7
SR13	8/24/2017 4:55	30.02	80.0	6.20	5.0	SR13	8/24/2017 10:55	29.72	91.9	7.05	5.1	SR13	8/24/2017 16:55	27.95	72.4	5.97	5.9	SR13	8/24/2017 22:55	27.87	73.0	6.02	5.6
SR13	8/24/2017 5:00	29.99	80.1	6.21	5.9	SR13	8/24/2017 11:00	29.69	91.9	6.98	5.2	SR13	8/24/2017 17:00	27.98	71.5	5.89	5.3	SR13	8/24/2017 23:00	27.90	73.0	6.02	5.7
SR13	8/24/2017 5:05	29.99	80.1	6.20	5.0	SR13	8/24/2017 11:05	29.97	91.7	6.95	5.2	SR13	8/24/2017 17:05	28.00	71.7	5.91	5.3	SR13	8/24/2017 23:05	27.76	72.5	6.00	5.7
SR13	8/24/2017 5:10	29.97	80.2	6.21	4.7	SR13	8/24/2017 11:10	29.74	91.6	6.94	5.3	SR13	8/24/2017 17:10	27.99	72.2	5.95	5.4	SR13	8/24/2017 23:10	27.80	72.9	6.03	5.6
SR13	8/24/2017 5:15	29.99	80.3	6.24	4.8	SR13	8/24/2017 11:15	29.75	92.3	6.98	5.6	SR13	8/24/2017 17:15	27.99	72.8	5.99	5.5	SR13	8/24/2017 23:15	27.78	72.6	6.00	5.6
SR13	8/24/2017 5:20	29.98	80.3	6.22	5.6	SR13	8/24/2017 11:20	29.78	92.5	6.95	5.2	SR13	8/24/2017 17:20	28.02	71.8	5.91	5.8	SR13	8/24/2017 23:20	27.72	72.7	6.02	5.6
SR13	8/24/2017 5:25	29.97	80.3	6.21	7.3	SR13	8/24/2017 11:25	29.77	92.4	6.93	5.2	SR13	8/24/2017 17:25	28.12	72.6	5.97	5.5	SR13	8/24/2017 23:25	27.73	72.6	6.01	5.5
SR13	8/24/2017 5:30	29.99	80.3	6.25	4.7	SR13	8/24/2017 11:30	29.96	92.7	6.93	5.0	SR13	8/24/2017 17:30	28.09	72.7	5.98	6.0	SR13	8/24/2017 23:30	27.71	72.3	5.99	6.2
SR13	8/24/2017 5:35	29.94	80.3	6.23	4.8	SR13	8/24/2017 11:35	29.86	92.8	6.92	5.2	SR13	8/24/2017 17:35	28.09	72.6	5.98	5.2	SR13	8/24/2017 23:35	27.74	72.7	6.02	5.5
SR13	8/24/2017 5:40	29.97	80.4	6.25	5.0	SR13	8/24/2017 11:40	29.96	92.7	6.92	5.4	SR13	8/24/2017 17:40	28.16	72.3	5.94	5.7	SR13	8/24/2017 23:40	27.70	72.4	5.99	5.7
SR13	8/24/2017 5:45	29.93	80.4	6.25	5.4	SR13	8/24/2017 11:45	29.69	92.5	6.93	5.0	SR13	8/24/2017 17:45	28.14	72.9	5.99	5.3	SR13	8/24/2017 23:45	27.65	72.3	5.99	6.1
SR13	8/24/2017 5:50	29.93	80.4	6.22	5.1	SR13	8/24/2017 11:50	29.69	93.4	6.96	5.5	SR13	8/24/2017 17:50	28.19	72.4	5.94	5.4	SR13	8/24/2017 23:50	27.64	72.3	5.99	5.7
SR13	8/24/2017 5:55	29.93	80.4	6.25	5.0	SR13	8/24/2017 11:55	29.91	91.9	6.88	5.4	SR13	8/24/2017 17:55	28.14	71.9	5.91	5.1	SR13	8/24/2017 23:55	27.66	72.5	6.01	5.5

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	8/24/2017 0:17	0.13				SR12	8/24/2017 0:17	0.13			
SR4	8/24/2017 0:37	0.11				SR12	8/24/2017 0:37	0.15			
SR4	8/24/2017 0:57	0.11				SR12	8/24/2017 0:57	0.12			
SR4	8/24/2017 1:17	0.12				SR12	8/24/2017 1:17	0.13			
SR4	8/24/2017 1:37	0.12				SR12	8/24/2017 1:37	0.11			
SR4	8/24/2017 1:57	0.11				SR12	8/24/2017 1:57	0.14			
SR4	8/24/2017 2:17	0.13				SR12	8/24/2017 2:17	0.13			
SR4	8/24/2017 2:37	0.14				SR12	8/24/2017 2:37	0.14			
SR4	8/24/2017 2:57	0.13				SR12	8/24/2017 2:57	0.11			
SR4	8/24/2017 3:17	0.13				SR12	8/24/2017 3:17	0.12			
SR4	8/24/2017 3:37	0.12				SR12	8/24/2017 3:37	0.11			
SR4	8/24/2017 3:57	0.13				SR12	8/24/2017 3:57	0.12			
SR4	8/24/2017 4:17	0.13				SR12	8/24/2017 4:17	0.10			
SR4	8/24/2017 4:37	0.14				SR12	8/24/2017 4:37	0.12			
SR4	8/24/2017 4:57	0.14				SR12	8/24/2017 4:57	0.12			
SR4	8/24/2017 5:17	0.13				SR12	8/24/2017 5:17	0.12			
SR4	8/24/2017 5:37	0.15				SR12	8/24/2017 5:37	0.10			
SR4	8/24/2017 5:57	0.14				SR12	8/24/2017 5:57	0.09			
SR4						SR12					
SR4	8/24/2017 6:37	0.14				SR12	8/24/2017 6:37	0.12			
SR4	8/24/2017 6:57	0.13				SR12	8/24/2017 6:57	0.09			
SR4	8/24/2017 7:17	0.15				SR12	8/24/2017 7:17	0.09			
SR4	8/24/2017 7:37	0.16				SR12	8/24/2017 7:37	0.13			
SR4	8/24/2017 7:57	0.13				SR12	8/24/2017 7:57	0.13			
SR4	8/24/2017 8:17	0.15				SR12	8/24/2017 8:17	0.15			
SR4	8/24/2017 8:37	0.15				SR12	8/24/2017 8:37	0.15			
SR4	8/24/2017 8:57	0.11				SR12	8/24/2017 8:57	0.16			
SR4	8/24/2017 9:17	0.14				SR12	8/24/2017 9:17	0.17			
SR4	8/24/2017 9:37	0.14				SR12	8/24/2017 9:37	0.17			
SR4	8/24/2017 9:57	0.13				SR12	8/24/2017 9:57	0.18			
SR4	8/24/2017 10:17	0.13				SR12	8/24/2017 10:17	0.17			
SR4	8/24/2017 10:37	0.14				SR12	8/24/2017 10:37	0.16			
SR4	8/24/2017 10:57	0.12				SR12	8/24/2017 10:57	0.16			
SR4	8/24/2017 11:17	0.13				SR12	8/24/2017 11:17	0.18			
SR4	8/24/2017 11:37	0.12				SR12	8/24/2017 11:37	0.17			
SR4	8/24/2017 11:57	0.12				SR12	8/24/2017 11:57	0.17			
SR4	8/24/2017 12:17	0.13				SR12	8/24/2017 12:17	0.18			
SR4	8/24/2017 12:37	0.15				SR12	8/24/2017 12:37	0.18			
SR4	8/24/2017 12:57	0.13				SR12	8/24/2017 12:57	0.18			
SR4	8/24/2017 13:17	0.15				SR12	8/24/2017 13:17	0.19			
SR4	8/24/2017 13:37	0.15				SR12	8/24/2017 13:37	0.19			
SR4	8/24/2017 13:57	0.13				SR12	8/24/2017 13:57	0.19			
SR4	8/24/2017 14:17	0.12				SR12	8/24/2017 14:17	0.18			
SR4	8/24/2017 14:37	0.14				SR12	8/24/2017 14:37	0.19			
SR4	8/24/2017 14:57	0.15				SR12	8/24/2017 14:57	0.15			
SR4	8/24/2017 15:17	0.13				SR12	8/24/2017 15:17	0.17			
SR4	8/24/2017 15:37	0.13				SR12	8/24/2017 15:37	0.16			
SR4	8/24/2017 15:57	0.15				SR12	8/24/2017 15:57	0.15			
SR4	8/24/2017 16:17	0.13				SR12	8/24/2017 16:17	0.15			
SR4	8/24/2017 16:37	0.14				SR12	8/24/2017 16:37	0.16			
SR4	8/24/2017 16:57	0.12				SR12	8/24/2017 16:57	0.14			
SR4	8/24/2017 17:17	0.15				SR12	8/24/2017 17:17	0.13			
SR4	8/24/2017 17:37	0.15				SR12	8/24/2017 17:37	0.15			
SR4	8/24/2017 17:57	0.13				SR12	8/24/2017 17:57	0.12			
SR4	8/24/2017 18:17	0.13				SR12	8/24/2017 18:17	0.14			
SR4	8/24/2017 18:37	0.12				SR12	8/24/2017 18:37	0.15			
SR4	8/24/2017 18:57	0.14				SR12	8/24/2017 18:57	0.14			
SR4	8/24/2017 19:17	0.12				SR12	8/24/2017 19:17	0.12			
SR4	8/24/2017 19:37	0.15				SR12	8/24/2017 19:37	0.13			
SR4	8/24/2017 19:57	0.15				SR12	8/24/2017 19:57	0.15			
SR4	8/24/2017 20:17	0.13				SR12	8/24/2017 20:17	0.12			
SR4	8/24/2017 20:37	0.12				SR12	8/24/2017 20:37	0.15			
SR4	8/24/2017 20:57	0.14				SR12	8/24/2017 20:57	0.13			
SR4	8/24/2017 21:17	0.15				SR12	8/24/2017 21:17	0.12			
SR4	8/24/2017 21:37	0.12				SR12	8/24/2017 21:37	0.13			
SR4	8/24/2017 21:57	0.14				SR12	8/24/2017 21:57	0.14			
SR4	8/24/2017 22:17	0.15				SR12	8/24/2017 22:17	0.13			
SR4	8/24/2017 22:37	0.14				SR12	8/24/2017 22:37	0.14			
SR4	8/24/2017 22:57	0.14				SR12	8/24/2017 22:57	0.12			
SR4	8/24/2017 23:17	0.15				SR12	8/24/2017 23:17	0.14			
SR4	8/24/2017 23:37	0.14				SR12	8/24/2017 23:37	0.15			
SR4	8/24/2017 23:57	0.15				SR12	8/24/2017 23:57	0.14			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.
SR5 monitoring station was under maintenance during 10:40-11:20.

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR4	8/25/2017 0:01	27.59	73.4	5.76	6.3	SR4	8/25/2017 6:01	28.24	73.9	5.74	6.1	SR4	8/25/2017 12:01	28.46	74.5	5.93	3.8	SR4	8/25/2017 18:01	27.17	82.5	6.67	3.8
SR4	8/25/2017 0:06	27.59	72.9	5.73	4.5	SR4	8/25/2017 6:06	28.29	74.1	5.75	5.7	SR4	8/25/2017 12:06	28.46	74.5	5.95	3.7	SR4	8/25/2017 18:06	27.18	82.4	6.63	3.6
SR4	8/25/2017 0:11	27.55	72.7	5.71	5.5	SR4	8/25/2017 6:11	28.34	74.2	5.75	5.6	SR4						SR4	8/25/2017 18:11	27.19	82.4	6.67	3.7
SR4	8/25/2017 0:16	27.58	73.3	5.76	5.5	SR4	8/25/2017 6:16	28.36	74.1	5.74	6.6	SR4						SR4	8/25/2017 18:16	27.18	82.4	6.64	4.1
SR4	8/25/2017 0:21	27.61	73.1	5.74	3.4	SR4	8/25/2017 6:21	28.31	73.5	5.70	5.6	SR4						SR4	8/25/2017 18:21	27.20	82.4	6.65	3.5
SR4	8/25/2017 0:26	27.66	74.5	5.85	4.9	SR4	8/25/2017 6:26	28.30	74.2	5.76	5.8	SR4						SR4	8/25/2017 18:26	27.19	82.4	6.67	3.5
SR4	8/25/2017 0:31	27.68	75.2	5.89	4.1	SR4	8/25/2017 6:31	28.29	73.8	5.72	6.4	SR4						SR4	8/25/2017 18:31	27.18	82.4	6.66	3.6
SR4	8/25/2017 0:36	27.66	75.4	5.91	4.7	SR4	8/25/2017 6:36	28.28	73.4	5.69	5.7	SR4						SR4	8/25/2017 18:36	27.18	82.4	6.68	3.6
SR4	8/25/2017 0:41	27.61	73.3	5.75	4.7	SR4	8/25/2017 6:41	28.27	72.8	5.65	2.3	SR4						SR4	8/25/2017 18:41	27.17	82.4	6.68	3.9
SR4	8/25/2017 0:46	27.59	74.5	5.85	5.2	SR4	8/25/2017 6:46	28.26	72.7	5.64	2.9	SR4						SR4	8/25/2017 18:46	27.18	82.5	6.70	3.6
SR4	8/25/2017 0:51	27.58	76.0	5.97	5.5	SR4	8/25/2017 6:51	28.24	73.1	5.67	5.1	SR4						SR4	8/25/2017 18:51	27.16	82.6	6.71	3.6
SR4	8/25/2017 0:56	27.57	75.3	5.92	5.0	SR4	8/25/2017 6:56	28.23	73.3	5.70	3.6	SR4						SR4	8/25/2017 18:56	27.21	82.6	6.71	3.6
SR4	8/25/2017 1:01	27.57	75.8	5.95	5.2	SR4	8/25/2017 7:01	28.23	74.1	5.75	2.3	SR4						SR4	8/25/2017 19:01	27.17	82.7	6.69	3.6
SR4	8/25/2017 1:06	27.56	75.0	5.90	4.9	SR4	8/25/2017 7:06	28.25	73.9	5.73	2.4	SR4						SR4	8/25/2017 19:06	27.18	82.8	6.74	3.6
SR4	8/25/2017 1:11	27.55	75.4	5.92	4.9	SR4	8/25/2017 7:11	28.22	72.6	5.63	5.3	SR4						SR4	8/25/2017 19:11	27.21	82.8	6.73	3.6
SR4	8/25/2017 1:16	27.53	75.6	5.94	5.4	SR4	8/25/2017 7:16	28.29	74.8	5.80	5.5	SR4	8/25/2017 13:16	28.39	74.5	6.02	3.7	SR4	8/25/2017 19:16	27.20	83.0	6.74	3.7
SR4	8/25/2017 1:21	27.52	75.3	5.92	5.3	SR4	8/25/2017 7:21	28.35	75.4	5.84	5.0	SR4	8/25/2017 13:21	28.37	74.5	5.99	3.6	SR4	8/25/2017 19:21	27.22	83.0	6.77	3.7
SR4	8/25/2017 1:26	27.51	75.6	5.94	5.0	SR4	8/25/2017 7:26	28.36	75.6	5.85	5.4	SR4	8/25/2017 13:26	28.39	74.5	6.04	3.7	SR4	8/25/2017 19:26	27.22	83.1	6.77	3.6
SR4	8/25/2017 1:31	27.51	75.3	5.92	5.8	SR4	8/25/2017 7:31	28.39	74.4	5.76	5.6	SR4	8/25/2017 13:31	28.40	74.5	6.03	4.0	SR4	8/25/2017 19:31	27.22	83.2	6.80	3.6
SR4	8/25/2017 1:36	27.51	75.2	5.92	5.8	SR4	8/25/2017 7:36	28.39	73.6	5.70	5.0	SR4	8/25/2017 13:36	28.36	74.5	6.05	3.5	SR4	8/25/2017 19:36	27.21	83.3	6.79	3.6
SR4	8/25/2017 1:41	27.50	75.7	5.96	5.7	SR4	8/25/2017 7:41	28.37	75.1	5.81	3.0	SR4	8/25/2017 13:41	28.34	74.5	6.04	3.6	SR4	8/25/2017 19:41	27.21	83.4	6.83	3.5
SR4	8/25/2017 1:46	27.50	75.5	5.94	5.4	SR4	8/25/2017 7:46	28.38	74.2	5.75	2.3	SR4	8/25/2017 13:46	28.33	74.6	6.04	3.7	SR4	8/25/2017 19:46	27.20	83.5	6.83	3.8
SR4	8/25/2017 1:51	27.49	75.8	5.96	4.9	SR4	8/25/2017 7:51	28.36	72.7	5.63	4.1	SR4	8/25/2017 13:51	28.33	74.6	6.03	3.8	SR4	8/25/2017 19:51	27.22	83.6	6.80	3.6
SR4	8/25/2017 1:56	27.49	75.5	5.94	5.0	SR4	8/25/2017 7:56	28.39	73.6	5.70	3.3	SR4	8/25/2017 13:56	28.36	74.6	6.08	3.8	SR4	8/25/2017 19:56	27.22	83.6	6.82	3.6
SR4	8/25/2017 2:01	27.48	75.2	5.91	2.9	SR4	8/25/2017 8:01	28.41	74.0	5.73	4.9	SR4	8/25/2017 14:01	28.34	74.6	6.05	3.8	SR4	8/25/2017 20:01	27.20	83.6	6.82	3.6
SR4	8/25/2017 2:06	27.49	75.0	5.90	2.8	SR4	8/25/2017 8:06	28.43	73.7	5.70	2.3	SR4	8/25/2017 14:06	28.30	74.7	6.09	3.9	SR4	8/25/2017 20:06	27.21	83.7	6.83	3.7
SR4	8/25/2017 2:11	27.49	75.5	5.94	5.7	SR4	8/25/2017 8:11	28.38	73.1	5.66	5.3	SR4	8/25/2017 14:11	28.32	74.7	6.06	2.8	SR4	8/25/2017 20:11	26.84	86.5	6.90	3.6
SR4	8/25/2017 2:16	27.53	76.9	6.04	5.8	SR4	8/25/2017 8:16	28.22	72.1	5.60	5.4	SR4	8/25/2017 14:16	28.32	74.8	6.09	2.5	SR4	8/25/2017 20:16	26.83	86.7	6.91	3.5
SR4	8/25/2017 2:21	27.57	77.5	6.09	3.6	SR4	8/25/2017 8:21	28.28	72.4	5.61	5.3	SR4	8/25/2017 14:21	28.30	74.8	6.08	3.5	SR4	8/25/2017 20:21	26.84	86.7	6.90	3.5
SR4	8/25/2017 2:26	27.55	76.8	6.03	2.9	SR4	8/25/2017 8:26	28.25	72.8	5.65	5.2	SR4	8/25/2017 14:26	28.27	74.9	6.13	3.6	SR4	8/25/2017 20:26	26.87	87.7	7.01	3.6
SR4	8/25/2017 2:31	27.56	77.1	6.06	2.3	SR4	8/25/2017 8:31	28.23	72.7	5.65	5.2	SR4	8/25/2017 14:31	28.24	75.0	6.09	3.6	SR4	8/25/2017 20:31	26.88	88.3	7.04	3.6
SR4	8/25/2017 2:36	27.56	76.3	6.00	6.1	SR4	8/25/2017 8:36	28.24	72.9	5.66	5.1	SR4	8/25/2017 14:36	28.27	75.0	6.12	2.9	SR4	8/25/2017 20:36	26.87	88.6	7.05	3.5
SR4	8/25/2017 2:41	27.74	76.5	5.99	6.0	SR4	8/25/2017 8:41	28.25	72.7	5.64	5.4	SR4	8/25/2017 14:41	28.24	75.1	6.10	3.5	SR4	8/25/2017 20:41	26.89	88.7	7.07	3.6
SR4	8/25/2017 2:46	27.75	77.3	6.05	5.8	SR4	8/25/2017 8:46	28.24	72.7	5.64	5.3	SR4	8/25/2017 14:46	28.21	75.2	6.16	3.6	SR4	8/25/2017 20:46	26.85	88.8	7.09	3.6
SR4	8/25/2017 2:51	27.86	77.0	6.02	5.5	SR4	8/25/2017 8:51	28.25	72.5	5.63	5.0	SR4	8/25/2017 14:51	28.19	75.3	6.17	3.6	SR4	8/25/2017 20:51	26.89	88.9	7.08	3.6
SR4	8/25/2017 2:56	27.85	77.0	6.02	6.0	SR4	8/25/2017 8:56	28.26	72.1	5.60	6.0	SR4	8/25/2017 14:56	28.21	75.3	6.15	3.6	SR4	8/25/2017 20:56	26.88	89.4	7.11	3.5
SR4	8/25/2017 3:01	27.81	76.1	5.95	6.9	SR4	8/25/2017 9:01	28.27	71.9	5.58	5.3	SR4	8/25/2017 15:01	28.19	75.4	6.17	3.7	SR4	8/25/2017 21:01	26.87	89.6	7.15	3.6
SR4	8/25/2017 3:06	27.77	76.0	5.95	7.0	SR4	8/25/2017 9:06	28.27	72.0	5.59	5.3	SR4	8/25/2017 15:06	28.17	75.5	6.20	3.7	SR4	8/25/2017 21:06	26.86	89.7	7.15	3.5
SR4	8/25/2017 3:11	27.73	75.0	5.88	6.2	SR4	8/25/2017 9:11	28.31	72.6	5.63	5.1	SR4	8/25/2017 15:11	27.35	78.5	6.35	3.0	SR4	8/25/2017 21:11	26.86	89.9	7.14	3.5
SR4	8/25/2017 3:16	27.76	75.0	5.87	6.5	SR4	8/25/2017 9:16	28.33	72.1	5.59	5.1	SR4	8/25/2017 15:16	27.37	78.8	6.39	2.8	SR4	8/25/2017 21:16	26.86	89.9	7.14	3.5
SR4	8/25/2017 3:21	27.73	74.9	5.87	5.5	SR4	8/25/2017 9:21	28.37	72.8	5.64	5.0	SR4	8/25/2017 15:21	27.34	78.9	6.38	3.1	SR4	8/25/2017 21:21	26.84	90.0	7.18	3.5
SR4	8/25/2017 3:26	27.77	75.0	5.87	5.5	SR4	8/25/2017 9:26	28.35	72.3	5.60	5.0	SR4	8/25/2017 15:26	27.34	79.0	6.39	2.6	SR4	8/25/2017 21:26	26.87	90.4	7.20	3.5
SR4	8/25/2017 3:31	27.74	75.1	5.89	5.7	SR4	8/25/2017 9:31	28.35	72.8	5.64	5.1	SR4	8/25/2017 15:31	27.32	78.9	6.36	2.6	SR4	8/25/2017 21:31	26.84	90.8	7.20	3.5
SR4	8/25/2017 3:36	27.78	75.3	5.89	5.1	SR4	8/25/2017 9:36	28.35	72.9	5.65	5.2	SR4	8/25/2017 15:36	27.29	79.0	6.37	3.0	SR4	8/25/2017 21:36	26.85	91.1	7.22	3.5
SR4	8/25/2017 3:41	27.74	75.5	5.92	5.0	SR4	8/25/2017 9:41	28.40	72.9	5.64	5.1	SR4	8/25/2017 15:41	27.29	79.0	6.36	3.5	SR4	8/25/2017 21:41	26.85	91.5	7.29	3.5
SR4	8/25/2017 3:46	27.70	75.1	5.89	5.7	SR4	8/25/2017 9:46	28.38	72.8	5.64	5.3	SR4	8/25/2017 15:46	27.29	79.4	6.38	3.5	SR4	8/25/2017 21:46	26.87	91.6	7.27	3.5
SR4	8/25/2017 3:51	27.84	74.9	5.86	6.6	SR4	8/25/2017 9:51	28.45	74.0	5.72	4.3	SR4	8/25/2017 15:51	27.25	79.6	6.39	3.6	SR4	8/25/2017 21:51	26.87	91.5	7.28	3.6
SR4	8/25/2017 3:56	27.88	75.3	5.89	6.6	SR4	8/25/2017 9:56	28.50	75.1	5.81	4.8	SR4	8/25/2017 15:56	27.25	79.7	6.39	3.9	SR4	8/25/2017 21:56	26.83	91.1	7.23	3.5
SR4	8/25/2017 4:01	27.94	74.7	5.83	6.2	SR4	8/25/2017 10:01	28.60	76.4	5.90	4.1	SR4	8/25/2017 16:01	27.25	79.9	6.39	3.6	SR4	8/25/2017 22:01	26.85	90.9	7.22	3.5
SR4	8/25/2017 4:06	27.92	74.5	5.81	6.6	SR4	8/25/2017 10:06	28.54	74.6	5.76	4.3	SR4	8/25/2017 16:06	27.24	80.0	6.41	3.9	SR4	8/25/2017 22:06	26.80	90.1	7.17	3.6
SR4	8/25/2017 4:11	28.04	76.4	5.95	5.2	SR4	8/25/2017 10:11	28.48	74.5	5.79	4.3	SR4	8/25/2017 16:11	27.20	80.2	6.42	2.2	SR4	8/25/2017 22:11	26.84	91.3	7.25	3.5
SR4	8/25/2017 4:16	28.14	75.9	5.90	5.1	SR4	8/25/2017 10:16	28.54	74.8	5.81	4.2	SR4	8/25/2017 16:16	27.22	80.5	6.46	2.8	SR4	8/25/2017 22:16	26.85	91.3	7.27	3.5
SR4	8/25/2017 4:21	28.13	76.9	5.98	5.3	SR4	8/25/2017 10:21	28.52	75.0	5.84	4.0	SR4	8/25/2017 16:21	27.21	80.6	6.46	3.4	SR4	8/25/2017 22:21	26.74	90.1	7.09	3.6
SR4	8/25/2017 4:26	28.16	75.7	5.89	5.8	SR4	8/25/2017 10:26	28.54	74.9	5.83	4.1	SR4	8/25/2017 16:26	27.20	80.9	6.47	3.6	SR4	8/25/2017 22:26	26.79	93.1	7.30	3.6
SR4	8/25/2017 4:31	28.16	75.4	5.86	5.9	SR4	8/25/2017 10:31	28.51	74.7	5.86	3.9	SR4	8/25/2017 16:31	27.18	81.2	6.51	3.5	SR4	8/25/2017 22:31	26.77	91.2	7.15	3.6
SR4	8/25/2017 4:36	28.24	75.3	5.85	6.3	SR4	8/25/2017 10:36	28.52	74.7	5.83	4.4	SR4	8/25/2017 16:36	27.18	81.5	6.54	3.8	SR4	8/25/2017 22:36	26.69	88.2	6.95	3.6
SR4	8/25/2017 4:41	28.20	73.6	5.72	5.3	SR4	8/25/2017 10:41	28.50	74.8	5.86	4.3	SR4	8/25/2017 16:41	27.17	81.7	6.58	3.0	SR4	8/25/2017 22:41	26.70	87.8	6.91	3.6
SR4	8/25/2017 4:46	28.25	74.0	5.75	6.0	SR4	8/25/2017 10:46	28.54	74.7	5.86	4.2	SR4	8/25/2017 16:46	27.16	81.9	6.59	2.9	SR4	8/25/2017 22:46	26.65	86.0	6.78	3.6
SR4	8/25/2017 4:51	28.19	73.6	5.72	5.6	SR4	8/25/2017 10:51	28.49	74.7	5.87	4.3	SR4	8/25/2017 16:51	27.17	82.0	6.59	2.5	SR4	8/25/2017 22:51	26.65	86.4	6.79	3.7
SR4	8/25/2017 4:56	28.13	73.5	5.71	5.5	SR4	8/25/2017 10:56	28.48	74.7	5.87	4.0	SR4	8/25/2017 16:56	27.12	82.2	6.60	2.1	SR4	8/25/2017 22:56	26.63	86.5	6.81	3.6
SR4	8/25/2017 5:01	28.17	74.5	5.79	5.6	SR4	8/25/2017 11:01	28.50	74.7	5.85	4.5	SR4	8/25/2017 17:01	27.15	82.3	6.64	2.7	SR4	8/25/2017 23:01	26.66	87.0	6.83	3.6
SR4	8/25/2017 5:06	28.18	74.5	5.79	6.0	SR4	8/25/2017 11:06	28.49	74.7	5.86	4.3	SR4	8/25/2017 17:06	27.12	82.4	6.64	3.6	SR4	8/25/2017 23:06	26.64	87.8	6.89	3.7
SR4	8/25/2017 5:11	28.22	74.6	5.79	3.0	SR4	8/25/2017 11:11	28.52	74.6	5.91	4.1	SR4	8/25/2017 17:11	27.10	82.5	6.65	3.7	SR4	8/25/2017 23:11	26.71	88.5	6.95	3.6
SR4	8/25/2017 5:16	28.24	74.4	5.78	3.3	SR4	8/25/2017 11:16	28.48	74.6	5.88	4.2	SR4	8/25/2017 17:16	27.10	82.7	6.64	3.6	SR4	8/25/2017 23:16	26.75	89.7	7.06	3.6
SR4	8/25/2017 5:21	28.26	74.7	5.80	3.1	SR4	8/25/2017 11:21	28.50	74.6	5.91	4.3	SR4	8/25/2017 17:21	27.11	82.7	6.66	3.6	SR4	8/25/2017 23:21	26.78	91.5	7.18	3.6
SR4	8/25/2017 5:26	28.27	74.4	5.77	5.1	SR4	8/25/2017 11:26	28.47	74.6	5.90	4.0	SR4	8/25/2017 17:26	27.09	82.8	6.65	3.8	SR4	8/25/2017 23:26	26.79	91.2	7.17	3.6
SR4	8/25/2017 5:31	28.22	73.6	5.72	4.0	SR4	8/25/2017 11:31	28.51	74.6	5.90	4.2	SR4	8/25/2017 17:31	27.07	82.8	6.65	3.7	SR4	8/25/2017 23:31	26.76	90.2	7.07	3.6
SR4	8/25/2017 5:36	28.26	73.9	5.74	2.4	SR4	8/25/2017 11:36	28.50	74.5	5.94	3.8	SR4	8/25/2017 17:36	27.08	82.9	6.64	3.8	SR4	8/25/2017 23:36	26.80	91.2	7.13	3.6
SR4	8/25/2017 5:41	28.24	73.4	5.70	2.7	SR4	8/25/2017 11:41	28.46	74.6	5.90	3.9	SR4	8/25/2017 17:41	27.06	82.8	6.63	4.0	SR4	8/25/2017 23:41	26.85	91.9	7.21	3.6
SR4	8/25/2017 5:46	28.21	73.4	5.70	6.3	SR4	8/25/2017 11:46	28.48	74.6	5.95	3.9	SR4	8/25/2017 17:46	27.15	82.5	6.62	3.6	SR4	8/25/2017 23:46	26.79	90.1	7.05	3.6
SR4	8/25/2017 5:51	28.21	73.3	5.70	5.6	SR4	8/25/2017 11:51	28.50	74.5	5.93	3.8	SR4	8/25/2017 17:51	27.14	82.5	6.65	4.5	SR4	8/25/2017 23:51	26.77	90.0	7.08	3.6
SR4	8/25/2017 5:56	28.21	73.1	5.68	5.9	SR4	8/25/2017 11:56	28.46	74.5	5.94	4.1	SR4	8/25/2017 17:56	27.17	82.5	6.66	3.6	SR4	8/25/2017 23:56	26.82	92.1	7.23	3.8

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR5	8/25/2017 0:00	27.57	77.7	6.06	2.2	SR5	8/25/2017 6:00	28.19	74.6	5.75	4.1	SR5	8/25/2017 12:00	28.53	76.7	6.01	5.6	SR5	8/25/2017 18:00	27.55	80.9	6.46	1.4
SR5	8/25/2017 0:05	27.56	77.6	6.05	4.8	SR5	8/25/2017 6:05	28.20	74.8	5.76	2.4	SR5	8/25/2017 12:05	28.49	76.6	6.01	5.7	SR5	8/25/2017 18:05	27.55	81.1	6.51	1.7
SR5	8/25/2017 0:10	27.55	77.7	6.06	4.7	SR5	8/25/2017 6:10	28.21	74.7	5.75	3.8	SR5	8/25/2017 12:10	28.51	76.6	6.02	6.1	SR5	8/25/2017 18:10	27.55	81.1	6.54	1.7
SR5	8/25/2017 0:15	27.57	77.8	6.06	2.3	SR5	8/25/2017 6:15	28.22	74.6	5.75	3.5	SR5	8/25/2017 12:15	28.49	76.5	6.05	5.4	SR5	8/25/2017 18:15	27.51	81.2	6.55	1.7
SR5	8/25/2017 0:20	27.59	78.0	6.07	4.7	SR5	8/25/2017 6:20	28.23	74.5	5.73	3.7	SR5	8/25/2017 12:20	28.49	76.5	6.05	2.9	SR5	8/25/2017 18:20	27.53	81.0	6.51	1.9
SR5	8/25/2017 0:25	27.61	78.2	6.09	4.0	SR5	8/25/2017 6:25	28.24	74.5	5.73	3.7	SR5	8/25/2017 12:25	28.49	76.5	6.04	1.7	SR5	8/25/2017 18:25	27.53	81.1	6.52	1.6
SR5	8/25/2017 0:30	27.61	78.2	6.09	4.2	SR5	8/25/2017 6:30	28.24	74.9	5.77	3.7	SR5	8/25/2017 12:30	28.47	76.4	6.06	2.8	SR5	8/25/2017 18:30	27.52	81.5	6.54	1.9
SR5	8/25/2017 0:35	27.62	78.5	6.11	2.7	SR5	8/25/2017 6:35	28.24	74.7	5.75	3.7	SR5	8/25/2017 12:35	28.44	76.4	6.07	2.5	SR5	8/25/2017 18:35	27.50	81.6	6.54	1.9
SR5	8/25/2017 0:40	27.61	78.4	6.10	2.8	SR5	8/25/2017 6:40	28.25	74.6	5.74	3.8	SR5	8/25/2017 12:40	28.48	76.4	6.07	4.6	SR5	8/25/2017 18:40	27.49	81.9	6.61	1.4
SR5	8/25/2017 0:45	27.61	78.7	6.13	3.9	SR5	8/25/2017 6:45	28.25	74.4	5.73	3.8	SR5	8/25/2017 12:45	28.48	76.3	6.06	5.4	SR5	8/25/2017 18:45	27.49	82.5	6.68	1.3
SR5	8/25/2017 0:50	27.61	78.7	6.13	4.0	SR5	8/25/2017 6:50	28.25	74.9	5.76	3.7	SR5	8/25/2017 12:50	28.45	76.3	6.09	2.3	SR5	8/25/2017 18:50	27.52	83.0	6.70	1.8
SR5	8/25/2017 0:55	27.59	78.4	6.11	4.0	SR5	8/25/2017 6:55	28.25	74.9	5.77	3.5	SR5	8/25/2017 12:55	28.46	76.2	6.06	5.3	SR5	8/25/2017 18:55	27.53	83.5	6.67	1.8
SR5	8/25/2017 1:00	27.57	78.4	6.11	4.1	SR5	8/25/2017 7:00	28.24	75.0	5.77	3.5	SR5	8/25/2017 13:00	28.43	76.2	6.09	5.2	SR5	8/25/2017 19:00	27.48	83.9	6.69	1.8
SR5	8/25/2017 1:05	27.57	78.4	6.11	4.0	SR5	8/25/2017 7:05	28.23	74.7	5.75	3.6	SR5	8/25/2017 13:05	28.43	76.2	6.08	2.1	SR5	8/25/2017 19:05	27.50	84.3	6.72	2.3
SR5	8/25/2017 1:10	27.54	78.2	6.10	2.1	SR5	8/25/2017 7:10	28.23	74.8	5.76	2.5	SR5	8/25/2017 13:10	28.42	76.1	6.07	5.2	SR5	8/25/2017 19:10	27.51	85.2	6.79	1.8
SR5	8/25/2017 1:15	27.53	78.2	6.10	1.6	SR5	8/25/2017 7:15	28.22	74.7	5.76	2.6	SR5	8/25/2017 13:15	28.39	76.1	6.06	5.3	SR5	8/25/2017 19:15	27.54	85.4	6.85	2.0
SR5	8/25/2017 1:20	27.52	78.3	6.11	3.9	SR5	8/25/2017 7:20	28.25	74.9	5.77	2.4	SR5	8/25/2017 13:20	28.41	76.0	6.08	3.3	SR5	8/25/2017 19:20	27.52	85.1	6.79	1.6
SR5	8/25/2017 1:25	27.52	78.2	6.10	1.7	SR5	8/25/2017 7:25	28.24	74.1	5.71	2.3	SR5	8/25/2017 13:25	28.42	76.0	6.09	3.6	SR5	8/25/2017 19:25	27.63	85.6	6.84	2.3
SR5	8/25/2017 1:30	27.52	78.4	6.11	2.9	SR5	8/25/2017 7:30	28.26	74.4	5.72	2.2	SR5	8/25/2017 13:30	28.38	76.0	6.08	2.6	SR5	8/25/2017 19:30	27.61	85.9	6.88	2.1
SR5	8/25/2017 1:35	27.51	78.2	6.10	3.2	SR5	8/25/2017 7:35	28.29	74.6	5.74	2.3	SR5	8/25/2017 13:35	28.38	75.9	6.09	2.5	SR5	8/25/2017 19:35	27.57	86.1	6.90	1.7
SR5	8/25/2017 1:40	27.50	78.1	6.09	3.3	SR5	8/25/2017 7:40	28.30	74.8	5.76	3.5	SR5	8/25/2017 13:40	28.36	75.9	6.12	5.0	SR5	8/25/2017 19:40	27.55	86.3	6.91	2.2
SR5	8/25/2017 1:45	27.50	78.1	6.09	4.0	SR5	8/25/2017 7:45	28.33	74.8	5.75	3.3	SR5	8/25/2017 13:45	28.33	76.0	6.12	4.8	SR5	8/25/2017 19:45	27.58	86.6	6.93	1.8
SR5	8/25/2017 1:50	27.50	77.9	6.08	3.9	SR5	8/25/2017 7:50	28.30	74.6	5.74	3.3	SR5	8/25/2017 13:50	28.37	76.0	6.12	4.3	SR5	8/25/2017 19:50	27.55	86.7	6.93	1.7
SR5	8/25/2017 1:55	27.50	78.0	6.08	3.9	SR5	8/25/2017 7:55	28.22	74.1	5.71	3.3	SR5	8/25/2017 13:55	28.35	76.0	6.11	4.3	SR5	8/25/2017 19:55	27.45	85.8	6.87	1.6
SR5	8/25/2017 2:00	27.49	77.8	6.07	3.8	SR5	8/25/2017 8:00	28.15	74.3	5.73	3.3	SR5	8/25/2017 14:00	28.33	75.9	6.12	4.1	SR5	8/25/2017 20:00	27.41	85.0	6.81	1.7
SR5	8/25/2017 2:05	27.47	77.8	6.07	4.2	SR5	8/25/2017 8:05	28.25	74.9	5.76	2.2	SR5	8/25/2017 14:05	28.31	76.0	6.11	4.4	SR5	8/25/2017 20:05	27.35	84.1	6.77	1.5
SR5	8/25/2017 2:10	27.47	78.0	6.09	2.0	SR5	8/25/2017 8:10	28.21	74.8	5.76	2.3	SR5	8/25/2017 14:10	28.32	76.0	6.15	5.1	SR5	8/25/2017 20:10	27.36	84.6	6.81	1.6
SR5	8/25/2017 2:15	27.47	78.0	6.09	3.7	SR5	8/25/2017 8:15	28.22	74.7	5.75	2.2	SR5	8/25/2017 14:15	28.32	76.0	6.11	4.6	SR5	8/25/2017 20:15	27.36	85.0	6.83	1.6
SR5	8/25/2017 2:20	27.46	78.1	6.10	3.8	SR5	8/25/2017 8:20	28.23	74.8	5.76	2.2	SR5	8/25/2017 14:20	27.83	76.4	6.30	5.1	SR5	8/25/2017 20:20	27.36	84.8	6.80	1.6
SR5	8/25/2017 2:25	27.48	78.2	6.10	3.7	SR5	8/25/2017 8:25	28.24	75.0	5.78	3.3	SR5	8/25/2017 14:25	27.83	76.7	6.32	5.2	SR5	8/25/2017 20:25	27.42	86.8	6.98	1.5
SR5	8/25/2017 2:30	27.48	78.2	6.10	2.1	SR5	8/25/2017 8:30	28.25	74.8	5.76	3.4	SR5	8/25/2017 14:30	27.82	77.0	6.29	4.8	SR5	8/25/2017 20:30	27.44	87.8	7.05	1.2
SR5	8/25/2017 2:35	27.48	78.2	6.10	2.0	SR5	8/25/2017 8:35	28.26	74.7	5.75	4.3	SR5	8/25/2017 14:35	27.82	77.2	6.34	4.1	SR5	8/25/2017 20:35	27.46	88.4	7.07	1.4
SR5	8/25/2017 2:40	27.51	78.8	6.15	2.4	SR5	8/25/2017 8:40	28.25	74.7	5.75	2.8	SR5	8/25/2017 14:40	27.80	77.3	6.32	4.3	SR5	8/25/2017 20:40	27.46	88.4	7.10	1.8
SR5	8/25/2017 2:45	27.57	78.8	6.14	4.0	SR5	8/25/2017 8:45	28.26	74.7	5.75	2.6	SR5	8/25/2017 14:45	27.79	77.6	6.40	3.8	SR5	8/25/2017 20:45	27.43	88.6	7.11	1.7
SR5	8/25/2017 2:50	27.62	79.0	6.15	4.1	SR5	8/25/2017 8:50	28.27	74.7	5.75	2.7	SR5	8/25/2017 14:50	27.81	77.7	6.40	4.2	SR5	8/25/2017 20:50	27.45	88.8	7.12	1.8
SR5	8/25/2017 2:55	27.65	79.0	6.15	4.1	SR5	8/25/2017 8:55	28.28	74.5	5.73	2.4	SR5	8/25/2017 14:55	27.81	77.9	6.41	4.0	SR5	8/25/2017 20:55	27.44	89.6	7.18	2.0
SR5	8/25/2017 3:00	27.65	78.9	6.14	4.0	SR5	8/25/2017 9:00	28.30	74.7	5.75	2.4	SR5	8/25/2017 15:00	27.81	78.2	6.45	4.0	SR5	8/25/2017 21:00	27.45	90.0	7.21	1.6
SR5	8/25/2017 3:05	27.65	79.0	6.15	2.2	SR5	8/25/2017 9:05	28.31	74.5	5.73	2.5	SR5	8/25/2017 15:05	27.81	78.3	6.46	4.1	SR5	8/25/2017 21:05	27.42	90.0	7.22	2.1
SR5	8/25/2017 3:10	27.65	78.9	6.14	4.1	SR5	8/25/2017 9:10	28.35	75.0	5.76	3.4	SR5	8/25/2017 15:10	27.80	78.5	6.45	3.9	SR5	8/25/2017 21:10	27.43	90.3	7.23	1.9
SR5	8/25/2017 3:15	27.65	78.8	6.13	4.0	SR5	8/25/2017 9:15	28.41	75.3	5.78	3.4	SR5	8/25/2017 15:15	27.82	78.7	6.48	3.9	SR5	8/25/2017 21:15	27.41	90.2	7.23	2.1
SR5	8/25/2017 3:20	27.65	78.7	6.13	4.2	SR5	8/25/2017 9:20	28.49	76.0	5.83	3.3	SR5	8/25/2017 15:20	27.80	78.7	6.45	4.1	SR5	8/25/2017 21:20	27.41	90.4	7.26	1.6
SR5	8/25/2017 3:25	27.65	78.6	6.12	3.7	SR5	8/25/2017 9:25	28.51	75.9	5.82	3.4	SR5	8/25/2017 15:25	27.80	78.6	6.48	4.1	SR5	8/25/2017 21:25	27.44	91.2	7.30	1.8
SR5	8/25/2017 3:30	27.65	78.7	6.13	3.8	SR5	8/25/2017 9:30	28.63	77.6	5.93	3.4	SR5	8/25/2017 15:30	27.78	78.2	6.40	6.7	SR5	8/25/2017 21:30	27.42	91.7	7.33	1.6
SR5	8/25/2017 3:35	27.65	78.7	6.12	3.8	SR5	8/25/2017 9:35	28.60	77.3	5.91	3.5	SR5	8/25/2017 15:35	27.76	78.3	6.39	4.0	SR5	8/25/2017 21:35	27.44	92.2	7.37	1.8
SR5	8/25/2017 3:40	27.64	78.6	6.11	1.1	SR5	8/25/2017 9:40	28.56	77.7	5.95	3.4	SR5	8/25/2017 15:40	27.75	78.0	6.34	3.8	SR5	8/25/2017 21:40	27.45	93.1	7.45	1.7
SR5	8/25/2017 3:45	27.66	78.7	6.12	1.5	SR5	8/25/2017 9:45	28.58	78.1	5.98	3.7	SR5	8/25/2017 15:45	27.75	78.6	6.39	3.8	SR5	8/25/2017 21:45	27.45	93.2	7.45	1.7
SR5	8/25/2017 3:50	27.66	78.5	6.11	2.8	SR5	8/25/2017 9:50	28.62	78.9	6.03	3.7	SR5	8/25/2017 15:50	27.72	78.6	6.41	3.7	SR5	8/25/2017 21:50	27.44	92.9	7.43	1.8
SR5	8/25/2017 3:55	27.67	78.2	6.09	4.1	SR5	8/25/2017 9:55	28.66	80.0	6.11	3.6	SR5	8/25/2017 15:55	27.71	78.7	6.37	3.8	SR5	8/25/2017 21:55	27.40	92.0	7.35	1.9
SR5	8/25/2017 4:00	27.69	78.1	6.07	4.0	SR5	8/25/2017 10:00	28.68	79.3	6.06	4.2	SR5	8/25/2017 16:00	27.71	78.9	6.38	4.1	SR5	8/25/2017 22:00	27.40	91.5	7.33	1.4
SR5	8/25/2017 4:05	27.71	77.8	6.05	4.3	SR5	8/25/2017 10:05	28.42	75.9	5.83	3.7	SR5	8/25/2017 16:05	27.70	79.0	6.38	4.2	SR5	8/25/2017 22:05	27.34	90.0	7.22	1.9
SR5	8/25/2017 4:10	27.73	77.9	6.05	4.1	SR5	8/25/2017 10:10	28.62	77.7	6.01	3.6	SR5	8/25/2017 16:10	27.67	79.0	6.36	2.0	SR5	8/25/2017 22:10	27.39	92.1	7.38	1.6
SR5	8/25/2017 4:15	27.80	77.4	6.00	2.7	SR5	8/25/2017 10:15	28.57	77.7	5.99	3.4	SR5	8/25/2017 16:15	27.70	79.4	6.43	2.9	SR5	8/25/2017 22:15	27.40	92.2	7.38	1.6
SR5	8/25/2017 4:20	27.85	76.6	5.94	2.6	SR5	8/25/2017 10:20	28.60	77.8	6.02	3.4	SR5	8/25/2017 16:20	27.69	79.6	6.44	2.9	SR5	8/25/2017 22:20	27.19	89.6	7.03	1.5
SR5	8/25/2017 4:25	27.91	76.3	5.91	4.0	SR5	8/25/2017 10:25	28.62	77.8	6.04	3.5	SR5	8/25/2017 16:25	27.69	79.8	6.44	2.4	SR5	8/25/2017 22:25	27.30	95.7	7.47	1.6
SR5	8/25/2017 4:30	27.96	76.1	5.89	3.9	SR5	8/25/2017 10:30	28.59	77.7	6.03	3.5	SR5	8/25/2017 16:30	27.67	80.3	6.52	2.1	SR5	8/25/2017 22:30	27.25	91.6	7.17	1.9
SR5	8/25/2017 4:35	28.02	75.6	5.84	4.2	SR5	8/25/2017 10:35	28.58	77.6	6.00	3.6	SR5	8/25/2017 16:35	27.65	80.6	6.54	2.0	SR5	8/25/2017 22:35	27.12	85.8	6.73	1.5
SR5	8/25/2017 4:40	28.07	75.3	5.81	1.8	SR5	8/25/2017 10:40	28.59	77.4	5.98	2.5	SR5	8/25/2017 16:40	27.66	80.9	6.61	2.0	SR5	8/25/2017 22:40	27.10	84.8	6.66	1.7
SR5	8/25/2017 4:45	28.06	75.2	5.81	3.9	SR5	8/25/2017 10:45	28.54	77.1	5.98	2.6	SR5	8/25/2017 16:45	27.65	81.1	6.62	2.1	SR5	8/25/2017 22:45	27.00	81.2	6.39	2.1
SR5	8/25/2017 4:50	28.09	74.9	5.78	4.0	SR5	8/25/2017 10:50	28.56	77.3	6.01	2.8	SR5	8/25/2017 16:50	27.65	81.2	6.62	2.0	SR5	8/25/2017 22:50	27.00	81.9	6.43	1.5
SR5	8/25/2017 4:55	28.08	74.9	5.79	3.9	SR5	8/25/2017 10:55	28.58	77.3	6.02	2.1	SR5	8/25/2017 16:55	27.62	81.3	6.63	2.1	SR5	8/25/2017 22:55	26.97	82.0	6.45	1.6
SR5	8/25/2017 5:00	28.09	75.3	5.81	3.8	SR5	8/25/2017 11:00	28.58	77.2	6.02	4.2	SR5	8/25/2017 17:00	27.65	81.4	6.66	2.6	SR5	8/25/2017 23:00	27.00	83.0	6.51	1.6
SR5	8/25/2017 5:05	28.09	75.4	5.82	2.2	SR5	8/25/2017 11:05	28.54	77.2	6.03	3.8	SR5	8/25/2017 17:05	27.62	81.4	6.64	2.1	SR5	8/25/2017 23:05	27.01	84.5	6.63	1.8
SR5	8/25/2017 5:10	28.09	75.5	5.83	2.3	SR5	8/25/2017 11:10	28.54	77.1	6.00	4.1	SR5	8/25/2017 17:10	27.61	81.5	6.67	2.6	SR5	8/25/2017 23:10	27.09	85.8	6.73	1.5
SR5	8/25/2017 5:15	28.09	75.4	5.82	1.5	SR5	8/25/2017 11:15	28.57	77.1	6.02	3.8	SR5	8/25/2017 17:15	27.61	81.6	6.64	2.8	SR5	8/25/2017 23:15	27.17	88.2	6.92	1.7
SR5	8/25/2017 5:20	28.11	75.2	5.80	3.6	SR5	8/25/2017 11:20	28.58	77.0	6.00	2.5	SR5	8/25/2017 17:20	27.62	81.5	6.65	2.1	SR5	8/25/2017 23:20	27.26	91.7	7.17	1.9
SR5	8/25/2017 5:25	28.12	75.1	5.79	3.5	SR5	8/25/2017 11:25	28.53	76.9	6.02	4.3	SR5	8/25/2017 17:25	27.62	81.5	6.63	2.2	SR5	8/25/2017 23:25	27.26	91.0	7.13	1.7
SR5	8/25/2017 5:30	28.13	74.9	5.78	3.7	SR5	8/25/2017 11:30	28.52	77.0	6.01	4.8	SR5	8/25/2017 17:30	27.60	81.3	6.60	1.9	SR5	8/25/2017 23:30	27.21	89.0	6.96	1.8
SR5	8/25/2017 5:35	28.14	75.2	5.80	2.7	SR5	8/25/2017 11:35	28.53	76.9	6.00	4.9	SR5	8/25/2017 17:35	27.60	81.3	6.57	1.7	SR5	8/25/2017 23:35	27.28	90.8	7.09	1.6
SR5	8/25/2017 5:40	28.16	74.9	5.78	2.5	SR5	8/25/2017 11:40	28.52	76.8	6.04	4.9	SR5	8/25/2017 17:40	27.59	81.1	6.53	1.7	SR5	8/25/2017 23:40	27.36	92.2	7.20	1.5
SR5	8/25/2017 5:45	28.18	74.7	5.76	2.5	SR5	8/25/2017 11:45	28.52	76.8	6.01	5.3	SR5	8/25/2017 17:45	27.58	81.0	6.48	1.5	SR5	8/25/2017 23:45	27.25	88.6	6.92	1.7
SR5	8/25/2017 5:50	28.18	74.9	5.77	2.7	SR5	8/25/2017 11:50	28.53	76.7	6.05	5.2	SR5	8/25/2017 17:50	27.58	80.9	6.49	1.6	SR5	8/25/2017 23:50	27.22	88.4	6.93	1.5
SR5	8/25/2017 5:55	28.18	74.7	5.76	3.3	SR5	8/25/2017 11:55	28.51	76.7	6.01	5.1	SR5	8/25/2017 17:55	27.56	80.9	6.48	1.5	SR5	8/25/2017 23:55	27.32	92.4	7.23	1.8

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR12	8/25/2017 0:01	27.50	71.7	4.96	6.3	SR12	8/25/2017 6:01	28.11	68.8	4.82	6.3	SR12	8/25/2017 12:01	28.53	72.5	5.52	6.5	SR12	8/25/2017 18:01	27.07	82.9	6.63	6.3
SR12	8/25/2017 0:06	27.50	71.9	4.97	6.6	SR12	8/25/2017 6:06	28.10	68.7	4.81	6.1	SR12	8/25/2017 12:06	28.53	72.5	5.54	6.1	SR12	8/25/2017 18:06	27.07	82.9	6.64	2.2
SR12	8/25/2017 0:11	27.57	72.5	5.02	7.2	SR12	8/25/2017 6:11	28.11	68.7	4.82	6.3	SR12	8/25/2017 12:11	28.50	72.5	5.54	6.0	SR12	8/25/2017 18:11	27.06	83.0	6.67	1.8
SR12	8/25/2017 0:16	27.59	72.5	5.02	6.6	SR12	8/25/2017 6:16	28.12	68.6	4.82	6.4	SR12	8/25/2017 12:16	28.50	72.6	5.52	5.9	SR12	8/25/2017 18:16	27.04	83.1	6.66	2.2
SR12	8/25/2017 0:21	27.60	72.6	5.03	6.5	SR12	8/25/2017 6:21	28.12	69.0	4.85	6.2	SR12	8/25/2017 12:21	28.50	72.6	5.53	6.3	SR12	8/25/2017 18:21	27.05	83.1	6.65	2.1
SR12	8/25/2017 0:26	27.63	72.9	5.05	6.5	SR12	8/25/2017 6:26	28.13	69.2	4.87	6.2	SR12	8/25/2017 12:26	28.16	74.5	5.96	5.8	SR12	8/25/2017 18:26	27.04	83.1	6.68	1.9
SR12	8/25/2017 0:31	27.59	72.7	5.04	6.3	SR12	8/25/2017 6:31	28.14	69.4	4.89	6.4	SR12	8/25/2017 12:31	28.16	74.5	5.96	6.2	SR12	8/25/2017 18:31	27.03	83.3	6.68	2.1
SR12	8/25/2017 0:36	27.60	73.1	5.07	6.0	SR12	8/25/2017 6:36	28.16	68.8	4.85	6.3	SR12	8/25/2017 12:36	28.11	74.5	5.98	5.8	SR12	8/25/2017 18:36	27.03	83.4	6.69	2.1
SR12	8/25/2017 0:41	27.55	72.5	5.02	5.9	SR12	8/25/2017 6:41	28.17	68.8	4.85	6.2	SR12	8/25/2017 12:41	28.12	74.5	5.98	5.9	SR12	8/25/2017 18:41	27.03	83.5	6.72	1.6
SR12	8/25/2017 0:46	27.55	72.6	5.03	6.2	SR12	8/25/2017 6:46	28.17	68.9	4.85	6.4	SR12	8/25/2017 12:46	28.12	74.4	5.95	6.6	SR12	8/25/2017 18:46	27.01	83.8	6.74	2.1
SR12	8/25/2017 0:51	27.54	72.7	5.04	6.9	SR12	8/25/2017 6:51	28.18	68.5	4.83	6.2	SR12	8/25/2017 12:51	28.10	74.4	5.99	6.1	SR12	8/25/2017 18:51	27.02	84.0	6.76	2.1
SR12	8/25/2017 0:56	27.51	72.2	5.00	5.8	SR12	8/25/2017 6:56	28.18	68.6	4.84	6.2	SR12	8/25/2017 12:56	28.08	74.4	5.95	6.4	SR12	8/25/2017 18:56	27.04	84.3	6.75	1.9
SR12	8/25/2017 1:01	27.50	72.4	5.01	5.9	SR12	8/25/2017 7:01	28.16	68.4	4.82	6.3	SR12	8/25/2017 13:01	28.08	74.4	5.99	6.1	SR12	8/25/2017 19:01	27.00	84.5	6.75	2.3
SR12	8/25/2017 1:06	27.46	71.9	4.98	6.5	SR12	8/25/2017 7:06	28.15	68.4	4.82	6.3	SR12	8/25/2017 13:06	28.06	74.4	5.97	5.9	SR12	8/25/2017 19:06	27.01	84.6	6.79	2.2
SR12	8/25/2017 1:11	27.46	72.3	5.01	6.3	SR12	8/25/2017 7:11	28.15	68.6	4.83	7.1	SR12	8/25/2017 13:11	28.04	74.4	5.99	6.1	SR12	8/25/2017 19:11	27.01	85.0	6.81	1.7
SR12	8/25/2017 1:16	27.46	72.1	5.00	6.2	SR12	8/25/2017 7:16	28.14	69.0	4.86	6.4	SR12	8/25/2017 13:16	28.03	74.3	5.97	6.0	SR12	8/25/2017 19:16	27.03	85.2	6.84	2.3
SR12	8/25/2017 1:21	27.44	72.4	5.01	6.1	SR12	8/25/2017 7:21	28.15	68.7	4.85	6.2	SR12	8/25/2017 13:21	28.01	74.3	5.98	6.0	SR12	8/25/2017 19:21	27.02	85.1	6.82	2.3
SR12	8/25/2017 1:26	27.46	72.5	5.02	6.1	SR12	8/25/2017 7:26	28.16	68.7	4.85	6.2	SR12	8/25/2017 13:26	28.01	74.3	5.98	6.0	SR12	8/25/2017 19:26	27.05	85.4	6.84	1.8
SR12	8/25/2017 1:31	27.47	72.5	5.02	6.3	SR12	8/25/2017 7:31	28.16	68.9	4.86	6.0	SR12	8/25/2017 13:31	28.01	74.3	5.99	6.1	SR12	8/25/2017 19:31	27.03	84.9	6.84	2.1
SR12	8/25/2017 1:36	27.48	72.6	5.03	6.1	SR12	8/25/2017 7:36	28.17	68.6	4.84	6.0	SR12	8/25/2017 13:36	27.99	74.3	5.98	5.8	SR12	8/25/2017 19:36	27.07	85.0	6.84	2.4
SR12	8/25/2017 1:41	27.49	72.6	5.03	5.8	SR12	8/25/2017 7:41	28.22	68.5	4.84	6.3	SR12	8/25/2017 13:41	27.97	74.3	6.01	5.9	SR12	8/25/2017 19:41	27.06	85.0	6.87	1.9
SR12	8/25/2017 1:46	27.46	72.4	5.01	6.5	SR12	8/25/2017 7:46	28.21	69.1	4.88	6.1	SR12	8/25/2017 13:46	27.94	74.9	6.04	5.9	SR12	8/25/2017 19:46	27.05	85.0	6.85	2.2
SR12	8/25/2017 1:51	27.47	72.4	5.01	6.5	SR12	8/25/2017 7:51	28.23	68.3	4.83	6.0	SR12	8/25/2017 13:51	27.96	75.0	6.03	7.1	SR12	8/25/2017 19:51	27.09	85.0	6.84	2.5
SR12	8/25/2017 1:56	27.44	72.2	5.00	6.3	SR12	8/25/2017 7:56	28.22	68.7	4.85	7.9	SR12	8/25/2017 13:56	27.96	75.0	6.06	5.9	SR12	8/25/2017 19:56	27.10	84.9	6.85	1.9
SR12	8/25/2017 2:01	27.44	72.3	5.00	6.5	SR12	8/25/2017 8:01	28.19	68.2	4.81	6.1	SR12	8/25/2017 14:01	27.93	75.1	6.05	6.0	SR12	8/25/2017 20:01	27.10	84.9	6.86	2.1
SR12	8/25/2017 2:06	27.43	72.4	5.01	6.5	SR12	8/25/2017 8:06	28.19	68.7	4.84	5.9	SR12	8/25/2017 14:06	27.92	75.2	6.06	5.9	SR12	8/25/2017 20:06	27.11	84.9	6.88	2.2
SR12	8/25/2017 2:11	27.41	72.2	5.00	6.3	SR12	8/25/2017 8:11	28.19	68.8	4.85	6.0	SR12	8/25/2017 14:11	27.91	75.3	6.07	6.2	SR12	8/25/2017 20:11	27.11	85.0	6.86	2.0
SR12	8/25/2017 2:16	27.43	72.5	5.02	6.4	SR12	8/25/2017 8:16	28.17	68.9	4.85	6.1	SR12	8/25/2017 14:16	27.92	75.4	6.08	5.9	SR12	8/25/2017 20:16	27.08	85.0	6.85	3.0
SR12	8/25/2017 2:21	27.41	72.3	5.01	6.5	SR12	8/25/2017 8:21	28.17	68.7	4.83	6.2	SR12	8/25/2017 14:21	27.74	75.7	6.15	6.0	SR12	8/25/2017 20:21	27.10	85.0	6.89	2.9
SR12	8/25/2017 2:26	27.41	71.9	4.98	6.6	SR12	8/25/2017 8:26	28.16	68.7	4.83	6.1	SR12	8/25/2017 14:26	27.73	76.0	6.19	5.8	SR12	8/25/2017 20:26	27.10	85.1	6.89	1.6
SR12	8/25/2017 2:31	27.43	72.1	4.99	6.5	SR12	8/25/2017 8:31	28.15	68.5	4.82	6.1	SR12	8/25/2017 14:31	27.70	76.2	6.17	6.2	SR12	8/25/2017 20:31	27.13	85.2	6.88	2.1
SR12	8/25/2017 2:36	27.41	71.8	4.97	6.9	SR12	8/25/2017 8:36	28.17	68.3	4.81	5.9	SR12	8/25/2017 14:36	27.70	76.3	6.19	6.3	SR12	8/25/2017 20:36	27.13	85.3	6.89	2.2
SR12	8/25/2017 2:41	27.44	72.4	5.01	6.7	SR12	8/25/2017 8:41	28.18	68.4	4.81	6.0	SR12	8/25/2017 14:41	27.68	76.5	6.18	6.3	SR12	8/25/2017 20:41	27.13	85.3	6.90	2.0
SR12	8/25/2017 2:46	27.63	73.8	5.13	6.7	SR12	8/25/2017 8:46	28.18	68.2	4.80	5.9	SR12	8/25/2017 14:46	27.66	76.7	6.24	6.4	SR12	8/25/2017 20:46	27.14	85.4	6.94	2.3
SR12	8/25/2017 2:51	27.62	73.7	5.12	6.8	SR12	8/25/2017 8:51	28.19	68.4	4.81	6.5	SR12	8/25/2017 14:51	27.66	76.9	6.25	6.2	SR12	8/25/2017 20:51	27.15	85.5	6.95	2.3
SR12	8/25/2017 2:56	27.59	73.5	5.10	6.5	SR12	8/25/2017 8:56	28.21	68.4	4.81	5.9	SR12	8/25/2017 14:56	27.65	77.0	6.26	6.2	SR12	8/25/2017 20:56	27.12	85.6	6.95	1.8
SR12	8/25/2017 3:01	27.60	73.2	5.08	6.4	SR12	8/25/2017 9:01	28.22	68.3	4.80	5.8	SR12	8/25/2017 15:01	27.65	77.2	6.28	6.8	SR12	8/25/2017 21:01	27.16	85.7	6.97	2.3
SR12	8/25/2017 3:06	27.61	73.1	5.07	6.5	SR12	8/25/2017 9:06	28.24	68.4	4.81	6.2	SR12	8/25/2017 15:06	27.64	77.4	6.31	6.6	SR12	8/25/2017 21:06	27.15	85.8	6.99	2.4
SR12	8/25/2017 3:11	27.59	72.9	5.06	6.4	SR12	8/25/2017 9:11	28.32	68.7	4.83	5.7	SR12	8/25/2017 15:11	27.35	78.5	6.35	6.7	SR12	8/25/2017 21:11	27.15	85.9	6.96	2.0
SR12	8/25/2017 3:16	27.58	72.7	5.04	6.6	SR12	8/25/2017 9:16	28.42	69.9	4.92	5.9	SR12	8/25/2017 15:16	27.37	78.8	6.39	6.3	SR12	8/25/2017 21:16	27.16	86.0	7.00	2.4
SR12	8/25/2017 3:21	27.58	72.8	5.05	6.5	SR12	8/25/2017 9:21	28.46	69.8	4.91	6.0	SR12	8/25/2017 15:21	27.34	78.9	6.38	6.3	SR12	8/25/2017 21:21	27.14	86.0	7.03	2.2
SR12	8/25/2017 3:26	27.54	72.4	5.02	6.5	SR12	8/25/2017 9:26	28.49	70.2	4.94	6.0	SR12	8/25/2017 15:26	27.34	79.0	6.39	6.9	SR12	8/25/2017 21:26	27.15	86.2	7.04	1.7
SR12	8/25/2017 3:31	27.53	72.3	5.02	6.0	SR12	8/25/2017 9:31	28.58	71.0	4.99	6.2	SR12	8/25/2017 15:31	27.32	78.9	6.36	6.4	SR12	8/25/2017 21:31	27.13	86.3	7.00	2.3
SR12	8/25/2017 3:36	27.56	71.9	4.99	6.1	SR12	8/25/2017 9:36	28.49	70.0	4.92	6.0	SR12	8/25/2017 15:36	27.29	79.0	6.37	6.5	SR12	8/25/2017 21:36	27.16	86.4	7.04	2.3
SR12	8/25/2017 3:41	27.58	72.1	5.00	6.3	SR12	8/25/2017 9:41	28.48	70.8	4.98	7.9	SR12	8/25/2017 15:41	27.29	79.0	6.36	6.6	SR12	8/25/2017 21:41	27.14	86.5	7.04	1.8
SR12	8/25/2017 3:46	27.59	71.5	4.97	6.2	SR12						SR12	8/25/2017 15:46	27.29	79.4	6.38	6.7	SR12	8/25/2017 21:46	27.14	86.7	7.05	2.3
SR12	8/25/2017 3:51	27.59	71.8	4.98	6.6	SR12						SR12	8/25/2017 15:51	27.25	79.6	6.39	6.6	SR12	8/25/2017 21:51	27.12	86.7	7.06	2.3
SR12	8/25/2017 3:56	27.60	71.7	4.98	7.2	SR12						SR12	8/25/2017 15:56	27.25	79.7	6.39	6.6	SR12	8/25/2017 21:56	27.16	86.8	7.06	1.9
SR12	8/25/2017 4:01	27.62	71.6	4.97	6.2	SR12						SR12	8/25/2017 16:01	27.25	79.9	6.39	6.5	SR12	8/25/2017 22:01	27.13	86.9	7.09	2.1
SR12	8/25/2017 4:06	27.63	71.5	4.97	6.5	SR12						SR12	8/25/2017 16:06	27.24	80.0	6.41	6.3	SR12	8/25/2017 22:06	27.15	86.9	7.06	2.4
SR12	8/25/2017 4:11	27.65	71.3	4.96	6.4	SR12						SR12	8/25/2017 16:11	27.20	80.2	6.42	6.2	SR12	8/25/2017 22:11	27.16	87.1	7.08	1.9
SR12	8/25/2017 4:16	27.68	71.0	4.94	6.4	SR12						SR12	8/25/2017 16:16	27.22	80.5	6.46	6.4	SR12	8/25/2017 22:16	27.16	87.1	7.12	2.3
SR12	8/25/2017 4:21	27.78	70.1	4.89	6.0	SR12						SR12	8/25/2017 16:21	27.21	80.6	6.46	6.4	SR12	8/25/2017 22:21	27.14	87.1	7.08	2.1
SR12	8/25/2017 4:26	27.85	69.8	4.88	6.1	SR12						SR12	8/25/2017 16:26	27.20	80.9	6.47	6.4	SR12	8/25/2017 22:26	27.13	87.4	7.10	1.8
SR12	8/25/2017 4:31	27.87	69.8	4.88	6.0	SR12						SR12	8/25/2017 16:31	27.18	81.2	6.51	6.4	SR12	8/25/2017 22:31	27.14	87.4	7.13	2.2
SR12	8/25/2017 4:36	27.91	69.8	4.89	6.0	SR12						SR12	8/25/2017 16:36	27.18	81.5	6.54	6.5	SR12	8/25/2017 22:36	27.11	87.2	7.11	2.3
SR12	8/25/2017 4:41	27.94	69.5	4.86	5.9	SR12						SR12	8/25/2017 16:41	27.17	81.7	6.58	6.9	SR12	8/25/2017 22:41	27.13	87.2	7.10	1.8
SR12	8/25/2017 4:46	27.96	69.5	4.87	6.6	SR12						SR12	8/25/2017 16:46	27.16	81.9	6.59	6.3	SR12	8/25/2017 22:46	27.13	87.1	7.10	2.3
SR12	8/25/2017 4:51	27.99	69.4	4.86	7.2	SR12						SR12	8/25/2017 16:51	27.17	82.0	6.59	6.2	SR12	8/25/2017 22:51	27.11	87.1	7.11	2.6
SR12	8/25/2017 4:56	28.00	69.1	4.84	6.8	SR12	8/25/2017 10:56	28.54	72.1	5.37	6.7	SR12	8/25/2017 16:56	27.12	82.2	6.60	6.1	SR12	8/25/2017 22:56	27.12	87.0	7.08	1.8
SR12	8/25/2017 5:01	27.99	69.2	4.84	6.6	SR12	8/25/2017 11:01	28.51	72.2	5.38	6.1	SR12	8/25/2017 17:01	27.15	82.3	6.64	7.9	SR12	8/25/2017 23:01	27.10	87.0	7.11	2.3
SR12	8/25/2017 5:06	28.00	69.2	4.84	6.2	SR12	8/25/2017 11:06	28.52	72.2	5.37	5.4	SR12	8/25/2017 17:06	27.12	82.4	6.64	6.1	SR12	8/25/2017 23:06	27.11	87.1	7.12	2.3
SR12	8/25/2017 5:11	28.02	69.1	4.83	6.2	SR12	8/25/2017 11:11	28.50	72.2	5.40	5.5	SR12	8/25/2017 17:11	27.10	82.5	6.65	6.3	SR12	8/25/2017 23:11	27.09	87.2	7.10	1.7
SR12	8/25/2017 5:16	28.03	68.9	4.82	6.3	SR12	8/25/2017 11:16	28.51	72.3	5.40	5.6	SR12	8/25/2017 17:16	27.10	82.7	6.64	6.1	SR12	8/25/2017 23:16	27.13	87.2	7.10	2.4
SR12	8/25/2017 5:21	28.03	69.0	4.83	6.4	SR12	8/25/2017 11:21	28.51	72.3	5.41	5.6	SR12	8/25/2017 17:21	27.11	82.7	6.66	6.6	SR12	8/25/2017 23:21	27.13	87.4	7.11	2.3
SR12	8/25/2017 5:26	28.05	69.1	4.84	6.2	SR12	8/25/2017 11:26	28.50	72.3	5.42	5.6	SR12	8/25/2017 17:26	27.09	82.8	6.65	6.3	SR12	8/25/2017 23:26	27.11	87.5	7.11	2.0
SR12	8/25/2017 5:31	28.06	68.8	4.81	6.2	SR12	8/25/2017 11:31	28.50	72.3	5.41	5.6	SR12	8/25/2017 17:31	27.07	82.8	6.65	6.2	SR12	8/25/2017 23:31	27.08	87.5	7.10	2.3
SR12	8/25/2017 5:36	28.07	69.1	4.84	6.3	SR12	8/25/2017 11:36	28.50	72.4	5.42	5.6	SR12	8/25/2017 17:36	27.08	82.9	6.64	6.1	SR12	8/25/2017 23:36	27.10	87.6	7.10	2.3
SR12	8/25/2017 5:41	28.08	68.9	4.82	6.2	SR12	8/25/2017 11:41	28.53	72.4	5.43	5.7	SR12	8/25/2017 17:41	27.06	82.8	6.63	6.1	SR12	8/25/2017 23:41	27.14	87.7	7.12	1.8
SR12	8/25/2017 5:46	28.11	68.8	4.82	6.1	SR12	8/25/2017 11:46	28.51	72.4	5.48	5.7	SR12	8/25/2017 17:46	27.08	82.8	6.60	6.1	SR12	8/25/2017 23:46	27.14	87.7	7.11	2.1
SR12	8/25/2017 5:51	28.11	68.9	4.83	6.3	SR12	8/25/2017 11:51	28.50	72.4	5.50	6.9	SR12	8/25/2017 17:51	27.08	82.8	6.63	6.0	SR12	8/25/2017 23:51	27.09	87.8	7.11	2.3
SR12	8/25/2017 5:56	28.12	68.5	4.81	6.2	SR12	8/25/2017 11:56	28.53	72.5	5.46	6.2	SR12	8/25/2017 17:56	27.07	82.8	6.64	6.3	SR12	8/25/2017 23:56	27.09	87.9	7.14	2.2

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR13	8/25/2017 0:00	27.66	72.5	6.01	5.8	SR13	8/25/2017 6:00	28.15	68.9	5.66	6.0	SR13	8/25/2017 12:00	27.70	72.8	5.90	5.8	SR13	8/25/2017 18:00	26.50	85.2	6.75	5.7
SR13	8/25/2017 0:05	27.63	72.5	6.01	5.9	SR13	8/25/2017 6:05	28.18	69.1	5.68	6.0	SR13	8/25/2017 12:05	27.64	72.7	5.87	5.5	SR13	8/25/2017 18:05	26.47	85.3	6.78	5.6
SR13	8/25/2017 0:10	27.65	72.5	6.01	5.6	SR13	8/25/2017 6:10	28.21	69.3	5.68	5.8	SR13	8/25/2017 12:10	27.64	72.7	5.89	5.5	SR13	8/25/2017 18:10	26.44	85.5	6.79	6.2
SR13	8/25/2017 0:15	27.67	73.2	6.07	5.7	SR13	8/25/2017 6:15	28.25	69.1	5.67	6.0	SR13	8/25/2017 12:15	27.62	72.6	5.84	6.1	SR13	8/25/2017 18:15	26.44	85.6	6.79	8.1
SR13	8/25/2017 0:20	27.68	73.3	6.07	5.6	SR13	8/25/2017 6:20	28.20	69.2	5.68	5.6	SR13	8/25/2017 12:20	27.60	72.6	5.88	5.6	SR13	8/25/2017 18:20	26.42	85.8	6.79	9.2
SR13	8/25/2017 0:25	27.70	73.5	6.09	5.5	SR13	8/25/2017 6:25	28.24	68.7	5.64	5.6	SR13	8/25/2017 12:25	27.54	72.6	5.88	5.6	SR13	8/25/2017 18:25	26.41	85.9	6.84	9.0
SR13	8/25/2017 0:30	27.71	73.1	6.06	6.5	SR13	8/25/2017 6:30	28.19	69.4	5.69	5.6	SR13	8/25/2017 12:30	27.55	72.6	5.85	5.6	SR13	8/25/2017 18:30	26.40	86.0	6.85	11.3
SR13	8/25/2017 0:35	27.70	73.3	6.07	5.4	SR13	8/25/2017 6:35	28.20	69.5	5.70	6.2	SR13	8/25/2017 12:35	27.48	72.5	5.85	5.7	SR13	8/25/2017 18:35	26.40	86.1	6.84	5.8
SR13	8/25/2017 0:40	27.67	73.3	6.07	5.4	SR13	8/25/2017 6:40	28.21	69.1	5.67	5.4	SR13	8/25/2017 12:40	27.47	72.6	5.89	5.6	SR13	8/25/2017 18:40	26.42	86.3	6.86	6.5
SR13	8/25/2017 0:45	27.68	73.6	6.10	5.7	SR13	8/25/2017 6:45	28.22	69.3	5.69	6.2	SR13	8/25/2017 12:45	27.44	72.6	5.83	5.6	SR13	8/25/2017 18:45	26.36	86.4	6.85	4.9
SR13	8/25/2017 0:50	27.66	73.8	6.12	6.1	SR13	8/25/2017 6:50	28.21	68.9	5.66	5.5	SR13	8/25/2017 12:50	27.43	72.5	5.87	5.6	SR13	8/25/2017 18:50	26.39	86.5	6.87	4.9
SR13	8/25/2017 0:55	27.64	73.4	6.09	5.7	SR13	8/25/2017 6:55	28.20	69.0	5.67	5.7	SR13	8/25/2017 12:55	27.40	72.5	5.83	5.5	SR13	8/25/2017 18:55	26.38	86.7	6.87	9.7
SR13	8/25/2017 1:00	27.61	73.4	6.09	5.7	SR13	8/25/2017 7:00	28.19	68.9	5.66	5.7	SR13	8/25/2017 13:00	27.37	72.5	5.86	5.7	SR13	8/25/2017 19:00	26.35	86.8	6.87	7.1
SR13	8/25/2017 1:05	27.59	73.6	6.10	6.4	SR13	8/25/2017 7:05	28.19	68.9	5.66	6.1	SR13	8/25/2017 13:05	27.33	72.5	5.84	6.1	SR13	8/25/2017 19:05	26.35	86.9	6.90	4.9
SR13	8/25/2017 1:10	27.58	73.3	6.09	5.9	SR13	8/25/2017 7:10	28.18	68.7	5.65	5.7	SR13	8/25/2017 13:10	27.30	72.6	5.86	5.9	SR13	8/25/2017 19:10	26.32	87.0	6.90	4.3
SR13	8/25/2017 1:15	27.56	72.7	6.04	6.0	SR13	8/25/2017 7:15	28.18	69.1	5.68	5.9	SR13	8/25/2017 13:15	27.31	72.4	5.82	6.1	SR13	8/25/2017 19:15	26.36	87.1	6.94	3.4
SR13	8/25/2017 1:20	27.55	72.8	6.05	6.2	SR13	8/25/2017 7:20	28.16	68.9	5.66	6.0	SR13	8/25/2017 13:20	27.25	72.4	5.87	6.0	SR13	8/25/2017 19:20	26.31	87.3	6.90	7.7
SR13	8/25/2017 1:25	27.57	73.0	6.06	5.7	SR13	8/25/2017 7:25	28.18	69.6	5.71	5.8	SR13	8/25/2017 13:25	27.22	72.4	5.81	6.3	SR13	8/25/2017 19:25	26.31	87.4	6.92	3.9
SR13	8/25/2017 1:30	27.58	73.1	6.07	6.0	SR13	8/25/2017 7:30	28.19	69.3	5.69	5.8	SR13	8/25/2017 13:30	27.24	72.5	5.85	5.5	SR13	8/25/2017 19:30	26.31	87.5	6.96	7.0
SR13	8/25/2017 1:35	27.58	73.4	6.09	5.5	SR13	8/25/2017 7:35	28.21	69.3	5.68	5.6	SR13	8/25/2017 13:35	27.22	72.5	5.81	5.9	SR13	8/25/2017 19:35	26.31	87.6	6.97	6.7
SR13	8/25/2017 1:40	27.57	74.3	6.17	5.5	SR13	8/25/2017 7:40	28.24	69.1	5.67	5.8	SR13	8/25/2017 13:40	27.20	72.4	5.86	6.1	SR13	8/25/2017 19:40	26.29	87.7	6.96	7.2
SR13	8/25/2017 1:45	27.56	74.4	6.18	5.7	SR13	8/25/2017 7:45	28.28	69.1	5.67	5.7	SR13	8/25/2017 13:45	27.16	74.1	5.96	5.8	SR13	8/25/2017 19:45	26.33	87.8	6.97	5.5
SR13	8/25/2017 1:50	27.57	73.0	6.06	5.9	SR13	8/25/2017 7:50	28.26	69.7	5.71	5.7	SR13	8/25/2017 13:50	27.18	74.3	5.95	5.5	SR13	8/25/2017 19:50	26.31	87.9	6.97	8.6
SR13	8/25/2017 1:55	27.54	72.5	6.02	6.0	SR13	8/25/2017 7:55	28.23	68.8	5.64	5.7	SR13	8/25/2017 13:55	27.17	74.5	5.99	5.7	SR13	8/25/2017 19:55	26.27	88.0	6.98	8.7
SR13	8/25/2017 2:00	27.54	72.6	6.03	5.6	SR13	8/25/2017 8:00	28.25	69.2	5.68	5.7	SR13	8/25/2017 14:00	27.13	74.7	5.99	5.5	SR13	8/25/2017 20:00	26.30	88.1	6.96	8.9
SR13	8/25/2017 2:05	27.53	72.4	6.02	6.1	SR13	8/25/2017 8:05	28.28	69.5	5.70	5.7	SR13	8/25/2017 14:05	27.14	75.0	5.98	5.4	SR13	8/25/2017 20:05	26.31	88.3	7.02	8.1
SR13	8/25/2017 2:10	27.50	72.3	6.01	5.6	SR13	8/25/2017 8:10	28.26	69.5	5.70	5.8	SR13	8/25/2017 14:10	27.08	75.3	6.00	5.6	SR13	8/25/2017 20:10	26.31	88.4	6.99	7.3
SR13	8/25/2017 2:15	27.66	77.9	6.45	6.9	SR13	8/25/2017 8:15	28.27	69.4	5.69	5.8	SR13	8/25/2017 14:15	27.11	75.6	6.04	5.4	SR13	8/25/2017 20:15	26.30	88.4	6.99	7.8
SR13	8/25/2017 2:20	27.73	77.6	6.42	5.6	SR13	8/25/2017 8:20	28.28	69.4	5.69	5.7	SR13	8/25/2017 14:20	27.09	75.9	6.07	5.4	SR13	8/25/2017 20:20	26.32	88.5	6.99	8.5
SR13	8/25/2017 2:25	27.72	76.9	6.37	5.5	SR13	8/25/2017 8:25	28.31	69.6	5.70	5.8	SR13	8/25/2017 14:25	27.08	76.3	6.12	5.4	SR13	8/25/2017 20:25	26.32	88.6	7.04	9.0
SR13	8/25/2017 2:30	27.72	76.0	6.29	5.6	SR13	8/25/2017 8:30	28.29	69.4	5.69	5.5	SR13	8/25/2017 14:30	27.05	76.5	6.14	5.6	SR13	8/25/2017 20:30	26.31	88.8	7.02	8.7
SR13	8/25/2017 2:35	27.74	76.0	6.29	5.8	SR13	8/25/2017 8:35	28.32	70.0	5.73	5.9	SR13	8/25/2017 14:35	27.01	76.8	6.12	5.5	SR13	8/25/2017 20:35	26.28	88.8	7.02	8.6
SR13	8/25/2017 2:40	27.88	74.9	6.19	5.8	SR13	8/25/2017 8:40	28.32	70.1	5.74	6.0	SR13	8/25/2017 14:40	27.00	77.1	6.13	5.6	SR13	8/25/2017 20:40	26.32	88.9	7.03	8.5
SR13	8/25/2017 2:45	27.85	73.9	6.10	5.7	SR13	8/25/2017 8:45	28.32	70.1	5.74	6.0	SR13	8/25/2017 14:45	26.98	77.3	6.17	5.5	SR13	8/25/2017 20:45	26.27	89.0	7.06	8.6
SR13	8/25/2017 2:50	27.73	74.2	6.14	5.9	SR13	8/25/2017 8:50	28.31	69.7	5.71	5.6	SR13	8/25/2017 14:50	26.97	77.6	6.19	5.7	SR13	8/25/2017 20:50	26.32	89.1	7.03	8.9
SR13	8/25/2017 2:55	27.80	73.8	6.10	5.7	SR13	8/25/2017 8:55	28.34	70.0	5.73	5.7	SR13	8/25/2017 14:55	26.94	77.9	6.21	5.5	SR13	8/25/2017 20:55	26.31	89.2	7.03	8.1
SR13	8/25/2017 3:00	27.81	73.7	6.09	5.8	SR13	8/25/2017 9:00	28.33	69.4	5.69	6.0	SR13	8/25/2017 15:00	26.94	78.1	6.22	5.7	SR13	8/25/2017 21:00	26.29	89.3	7.08	7.6
SR13	8/25/2017 3:05	27.80	73.4	6.07	6.1	SR13	8/25/2017 9:05	28.32	69.5	5.70	5.7	SR13	8/25/2017 15:05	26.94	78.4	6.26	5.6	SR13	8/25/2017 21:05	26.29	89.4	7.08	9.2
SR13	8/25/2017 3:10	27.76	73.4	6.07	6.0	SR13	8/25/2017 9:10	28.35	69.9	5.72	5.7	SR13	8/25/2017 15:10	26.90	78.6	6.25	5.7	SR13	8/25/2017 21:10	26.28	89.5	7.05	8.1
SR13	8/25/2017 3:15	27.75	73.2	6.05	6.0	SR13	8/25/2017 9:15	28.44	70.3	5.75	5.7	SR13	8/25/2017 15:15	26.91	78.8	6.29	5.5	SR13	8/25/2017 21:15	26.31	89.5	7.05	6.7
SR13	8/25/2017 3:20	27.75	72.7	6.02	5.7	SR13	8/25/2017 9:20	28.48	70.4	5.76	5.7	SR13	8/25/2017 15:20	26.88	79.1	6.30	5.5	SR13	8/25/2017 21:20	26.27	89.7	7.09	7.6
SR13	8/25/2017 3:25	27.76	72.5	6.00	6.4	SR13	8/25/2017 9:25	28.49	70.5	5.76	5.7	SR13	8/25/2017 15:25	26.88	79.3	6.30	5.5	SR13	8/25/2017 21:25	26.29	89.7	7.09	9.6
SR13	8/25/2017 3:30	27.71	72.7	6.02	5.7	SR13	8/25/2017 9:30	28.50	70.9	5.79	5.8	SR13	8/25/2017 15:30	26.85	79.6	6.31	5.5	SR13	8/25/2017 21:30	26.26	89.8	7.06	7.7
SR13	8/25/2017 3:35	27.80	71.3	5.89	5.6	SR13	8/25/2017 9:35	28.44	70.1	5.73	5.8	SR13	8/25/2017 15:35	26.82	79.8	6.35	6.1	SR13	8/25/2017 21:35	26.25	89.9	7.07	7.5
SR13	8/25/2017 3:40	27.79	71.3	5.89	5.8	SR13	8/25/2017 9:40	28.46	70.8	5.79	5.7	SR13	8/25/2017 15:40	26.83	80.0	6.37	5.5	SR13	8/25/2017 21:40	26.25	90.0	7.12	6.4
SR13	8/25/2017 3:45	27.75	71.2	5.90	5.8	SR13	8/25/2017 9:45	28.54	72.1	5.89	5.9	SR13	8/25/2017 15:45	26.82	80.2	6.36	5.8	SR13	8/25/2017 21:45	26.29	90.1	7.08	5.9
SR13	8/25/2017 3:50	27.68	71.3	5.91	6.0	SR13	8/25/2017 9:50	28.54	72.2	5.89	5.8	SR13	8/25/2017 15:50	26.77	80.5	6.37	5.8	SR13	8/25/2017 21:50	26.30	90.1	7.12	6.1
SR13	8/25/2017 3:55	27.62	71.1	5.90	5.9	SR13	8/25/2017 9:55	28.61	73.5	5.99	5.9	SR13						SR13	8/25/2017 21:55	26.25	90.2	7.10	6.1
SR13	8/25/2017 4:00	27.76	71.5	5.91	6.0	SR13	8/25/2017 10:00	28.61	73.0	5.95	5.9	SR13						SR13	8/25/2017 22:00	26.29	90.3	7.11	6.1
SR13	8/25/2017 4:05	27.69	70.7	5.86	5.8	SR13	8/25/2017 10:05	28.29	69.5	5.69	6.0	SR13						SR13	8/25/2017 22:05	26.25	90.3	7.11	6.1
SR13	8/25/2017 4:10	27.73	69.8	5.78	6.3	SR13	8/25/2017 10:10	28.29	72.2	5.86	5.9	SR13	8/25/2017 16:10	26.72	81.3	6.47	5.6	SR13	8/25/2017 22:10	26.29	90.4	7.11	6.8
SR13	8/25/2017 4:15	27.93	69.8	5.76	5.9	SR13	8/25/2017 10:15	28.30	72.1	5.87	5.8	SR13	8/25/2017 16:15	26.73	81.5	6.49	5.5	SR13	8/25/2017 22:15	26.30	90.5	7.15	6.3
SR13	8/25/2017 4:20	27.97	70.0	5.77	6.2	SR13	8/25/2017 10:20	28.26	72.3	5.91	5.9	SR13	8/25/2017 16:20	26.73	81.7	6.47	5.5	SR13	8/25/2017 22:20	26.29	90.6	7.15	7.0
SR13	8/25/2017 4:25	28.00	70.3	5.79	5.8	SR13	8/25/2017 10:25	28.25	72.3	5.88	6.8	SR13	8/25/2017 16:25	26.71	81.9	6.50	5.6	SR13	8/25/2017 22:25	26.28	90.6	7.13	7.2
SR13	8/25/2017 4:30	27.98	70.2	5.78	6.7	SR13	8/25/2017 10:30	28.23	72.3	5.85	5.9	SR13	8/25/2017 16:30	26.68	82.1	6.49	5.5	SR13	8/25/2017 22:30	26.29	90.7	7.13	6.4
SR13	8/25/2017 4:35	28.01	70.4	5.80	5.8	SR13	8/25/2017 10:35	28.18	72.2	5.85	5.7	SR13	8/25/2017 16:35	26.70	82.3	6.53	5.6	SR13	8/25/2017 22:35	26.26	90.7	7.16	7.1
SR13	8/25/2017 4:40	28.11	69.6	5.72	5.9	SR13	8/25/2017 10:40	28.13	72.3	5.84	6.5	SR13	8/25/2017 16:40	26.68	82.5	6.54	5.9	SR13	8/25/2017 22:40	26.30	90.8	7.16	6.3
SR13	8/25/2017 4:45	28.15	69.5	5.71	6.4	SR13	8/25/2017 10:45	28.08	72.1	5.86	6.3	SR13	8/25/2017 16:45	26.67	82.7	6.55	5.8	SR13	8/25/2017 22:45	26.30	90.9	7.17	7.2
SR13	8/25/2017 4:50	28.12	69.1	5.68	6.7	SR13	8/25/2017 10:50	28.02	72.2	5.88	5.9	SR13	8/25/2017 16:50	26.68	82.8	6.56	5.3	SR13	8/25/2017 22:50	26.30	91.0	7.15	7.1
SR13	8/25/2017 4:55	28.05	69.0	5.68	6.0	SR13	8/25/2017 10:55	28.03	72.2	5.83	5.9	SR13	8/25/2017 16:55	26.62	83.0	6.56	5.4	SR13	8/25/2017 22:55	26.28	91.0	7.17	7.6
SR13	8/25/2017 5:00	28.03	69.1	5.69	5.8	SR13	8/25/2017 11:00	28.00	72.4	5.87	5.9	SR13	8/25/2017 17:00	26.64	83.2	6.61	5.7	SR13	8/25/2017 23:00	26.32	91.1	7.15	7.8
SR13	8/25/2017 5:05	28.08	69.1	5.69	5.9	SR13	8/25/2017 11:05	27.94	72.4	5.88	6.3	SR13	8/25/2017 17:05	26.61	83.4	6.63	5.5	SR13	8/25/2017 23:05	26.27	91.1	7.15	7.4
SR13	8/25/2017 5:10	28.14	69.6	5.72	6.2	SR13	8/25/2017 11:10	27.94	72.6	5.89	5.7	SR13	8/25/2017 17:10	26.58	83.6	6.63	6.6	SR13	8/25/2017 23:10	26.32	91.2	7.17	7.5
SR13	8/25/2017 5:15	28.21	70.0	5.75	5.9	SR13	8/25/2017 11:15	27.90	72.5	5.84	5.8	SR13	8/25/2017 17:15	26.58	83.8	6.63	5.3	SR13	8/25/2017 23:15	26.32	91.3	7.20	8.2
SR13	8/25/2017 5:20	28.23	70.2	5.76	5.9	SR13	8/25/2017 11:20	27.89	72.6	5.90	5.5	SR13	8/25/2017 17:20	26.59	83.9	6.67	5.4	SR13	8/25/2017 23:20	26.29	91.3	7.18	7.5
SR13	8/25/2017 5:25	28.24	70.1	5.75	5.8	SR13	8/25/2017 11:25	27.86	72.7	5.88	5.7	SR13	8/25/2017 17:25	26.56	84.1	6.66	5.5	SR13	8/25/2017 23:25	26.32	91.4	7.21	7.7
SR13	8/25/2017 5:30	28.20	69.5	5.71	5.8	SR13	8/25/2017 11:30	27.83	72.7	5.90	5.6	SR13	8/25/2017 17:30	26.53	84.2	6.69	5.5	SR13	8/25/2017 23:30	26.30	91.5	7.17	7.8
SR13	8/25/2017 5:35	28.16	69.3	5.69	6.0	SR13	8/25/2017 11:35	27.78	72.6	5.84	5.5	SR13	8/25/2017 17:35	26.55	84.4	6.70	5.4	SR13	8/25/2017 23:35	26.31	91.5	7.17	5.8
SR13	8/25/2017 5:40	28.20	69.2	5.68	5.9	SR13	8/25/2017 11:40	27.79	72.4	5.85	5.6	SR13	8/25/2017 17:40	26.53	84.6	6.72	5.5	SR13	8/25/2017 23:40	26.34	91.6	7.21	10.2
SR13	8/25/2017 5:45	28.20	68.8	5.65	5.9	SR13	8/25/2017 11:45	27.75	72.6	5.84	5.4	SR13	8/25/2017 17:45	26.50	84.7	6.69	5.7	SR13	8/25/2017 23:45	26.32	91.6	7.18	6.0
SR13	8/25/2017 5:50	28.17	68.6	5.63	5.9	SR13	8/25/2017 11:50	27.73	72.5	5.84	5.8	SR13	8/25/2017 17:50	26.52	84.8	6.75	5.4	SR13	8/25/2017 23:50	26.31	91.7	7.23	5.7
SR13	8/25/2017 5:55	28.16	69.1	5.68	5.9	SR13	8/25/2017 11:55	27.67	72.7	5.89	5.6	SR13	8/25/2017 17:55	26.49	85.0	6.77	5.7	SR13	8/25/2017 23:55	26.31	91.7	7.23	6.1

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	8/25/2017 0:17	0.13				SR12	8/25/2017 0:17	0.14			
SR4	8/25/2017 0:37	0.14				SR12	8/25/2017 0:37	0.16			
SR4	8/25/2017 0:57	0.14				SR12	8/25/2017 0:57	0.17			
SR4	8/25/2017 1:17	0.14				SR12	8/25/2017 1:17	0.17			
SR4	8/25/2017 1:37	0.12				SR12	8/25/2017 1:37	0.18			
SR4	8/25/2017 1:57	0.13				SR12	8/25/2017 1:57	0.17			
SR4	8/25/2017 2:17	0.15				SR12	8/25/2017 2:17	0.16			
SR4	8/25/2017 2:37	0.15				SR12	8/25/2017 2:37	0.16			
SR4	8/25/2017 2:57	0.13				SR12	8/25/2017 2:57	0.18			
SR4	8/25/2017 3:17	0.12				SR12	8/25/2017 3:17	0.17			
SR4	8/25/2017 3:37	0.14				SR12	8/25/2017 3:37	0.17			
SR4	8/25/2017 3:57	0.13				SR12	8/25/2017 3:57	0.18			
SR4	8/25/2017 4:17	0.15				SR12	8/25/2017 4:17	0.18			
SR4	8/25/2017 4:37	0.14				SR12	8/25/2017 4:37	0.18			
SR4	8/25/2017 4:57	0.14				SR12	8/25/2017 4:57	0.19			
SR4	8/25/2017 5:17	0.14				SR12	8/25/2017 5:17	0.19			
SR4	8/25/2017 5:37	0.12				SR12	8/25/2017 5:37	0.19			
SR4	8/25/2017 5:57	0.14				SR12	8/25/2017 5:57	0.18			
SR4						SR12					
SR4	8/25/2017 6:37	0.15				SR12	8/25/2017 6:37	0.21			
SR4	8/25/2017 6:57	0.14				SR12	8/25/2017 6:57	0.22			
SR4	8/25/2017 7:17	0.15				SR12	8/25/2017 7:17	0.22			
SR4	8/25/2017 7:37	0.12				SR12	8/25/2017 7:37	0.22			
SR4	8/25/2017 7:57	0.12				SR12	8/25/2017 7:57	0.19			
SR4	8/25/2017 8:17	0.15				SR12	8/25/2017 8:17	0.22			
SR4	8/25/2017 8:37	0.14				SR12	8/25/2017 8:37	0.19			
SR4	8/25/2017 8:57	0.14				SR12	8/25/2017 8:57	0.19			
SR4	8/25/2017 9:17	0.13				SR12	8/25/2017 9:17	0.20			
SR4	8/25/2017 9:37	0.15				SR12	8/25/2017 9:37	0.19			
SR4	8/25/2017 9:57	0.13				SR12					
SR4	8/25/2017 10:17	0.14				SR12					
SR4	8/25/2017 10:37	0.14				SR12					
SR4	8/25/2017 10:57	0.14				SR12					
SR4	8/25/2017 11:17	0.15				SR12	8/25/2017 11:17	0.19			
SR4	8/25/2017 11:37	0.15				SR12	8/25/2017 11:37	0.18			
SR4	8/25/2017 11:57	0.14				SR12	8/25/2017 11:57	0.20			
SR4						SR12	8/25/2017 12:17	0.22			
SR4						SR12	8/25/2017 12:37	0.18			
SR4						SR12	8/25/2017 12:57	0.22			
SR4						SR12	8/25/2017 13:17	0.22			
SR4	8/25/2017 13:37	0.15				SR12	8/25/2017 13:37	0.22			
SR4	8/25/2017 13:57	0.13				SR12	8/25/2017 13:57	0.25			
SR4	8/25/2017 14:17	0.15				SR12	8/25/2017 14:17	0.26			
SR4	8/25/2017 14:37	0.14				SR12	8/25/2017 14:37	0.26			
SR4	8/25/2017 14:57	0.16				SR12	8/25/2017 14:57	0.24			
SR4	8/25/2017 15:17	0.15				SR12	8/25/2017 15:17	0.26			
SR4	8/25/2017 15:37	0.18				SR12	8/25/2017 15:37	0.27			
SR4	8/25/2017 15:57	0.17				SR12	8/25/2017 15:57	0.26			
SR4	8/25/2017 16:17	0.15				SR12	8/25/2017 16:17	0.26			
SR4	8/25/2017 16:37	0.17				SR12	8/25/2017 16:37	0.26			
SR4	8/25/2017 16:57	0.17				SR12	8/25/2017 16:57	0.24			
SR4	8/25/2017 17:17	0.18				SR12	8/25/2017 17:17	0.26			
SR4	8/25/2017 17:37	0.18				SR12	8/25/2017 17:37	0.27			
SR4	8/25/2017 17:57	0.18				SR12	8/25/2017 17:57	0.25			
SR4	8/25/2017 18:17	0.16				SR12	8/25/2017 18:17	0.27			
SR4	8/25/2017 18:37	0.17				SR12	8/25/2017 18:37	0.27			
SR4	8/25/2017 18:57	0.17				SR12	8/25/2017 18:57	0.24			
SR4	8/25/2017 19:17	0.16				SR12	8/25/2017 19:17	0.25			
SR4	8/25/2017 19:37	0.16				SR12	8/25/2017 19:37	0.25			
SR4	8/25/2017 19:57	0.17				SR12	8/25/2017 19:57	0.24			
SR4	8/25/2017 20:17	0.15				SR12	8/25/2017 20:17	0.24			
SR4	8/25/2017 20:37	0.15				SR12	8/25/2017 20:37	0.24			
SR4	8/25/2017 20:57	0.15				SR12	8/25/2017 20:57	0.25			
SR4	8/25/2017 21:17	0.17				SR12	8/25/2017 21:17	0.24			
SR4	8/25/2017 21:37	0.16				SR12	8/25/2017 21:37	0.27			
SR4	8/25/2017 21:57	0.17				SR12	8/25/2017 21:57	0.24			
SR4	8/25/2017 22:17	0.15				SR12	8/25/2017 22:17	0.24			
SR4	8/25/2017 22:37	0.15				SR12	8/25/2017 22:37	0.26			
SR4	8/25/2017 22:57	0.16				SR12	8/25/2017 22:57	0.27			
SR4	8/25/2017 23:17	0.16				SR12	8/25/2017 23:17	0.26			
SR4	8/25/2017 23:37	0.16				SR12	8/25/2017 23:37	0.25			
SR4	8/25/2017 23:57	0.16				SR12	8/25/2017 23:57	0.24			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.
SR4 monitoring station was under maintenance during 12:06-13:16.
SR12 monitoring station was under maintenance during 9:41-10:56.
SR13 monitoring station was under maintenance during 15:35-15:55.

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR4	8/26/2017 0:01	26.90	93.6	7.32	3.6	SR4	8/26/2017 6:01	26.73	84.6	6.94	3.8	SR4	8/26/2017 12:01	26.36	80.4	6.83	4.1	SR4	8/26/2017 18:01	26.44	83.3	7.09	4.3
SR4	8/26/2017 0:06	26.88	93.6	7.35	3.7	SR4	8/26/2017 6:06	26.71	85.1	6.97	3.8	SR4	8/26/2017 12:06	26.34	80.5	6.84	4.1	SR4	8/26/2017 18:06	26.42	83.4	7.11	4.4
SR4	8/26/2017 0:11	26.91	93.5	7.32	3.7	SR4	8/26/2017 6:11	26.74	84.9	6.94	3.8	SR4	8/26/2017 12:11	26.36	80.3	6.84	4.1	SR4	8/26/2017 18:11	26.41	84.1	7.13	4.4
SR4	8/26/2017 0:16	26.88	92.6	7.26	3.7	SR4	8/26/2017 6:16	26.73	84.7	6.95	3.8	SR4	8/26/2017 12:16	26.33	80.1	6.80	4.3	SR4	8/26/2017 18:16	26.42	84.4	7.16	4.4
SR4	8/26/2017 0:21	26.86	92.7	7.26	3.6	SR4	8/26/2017 6:21	26.74	84.7	6.93	3.7	SR4	8/26/2017 12:21	26.30	79.9	6.81	4.2	SR4	8/26/2017 18:21	26.45	85.0	7.21	4.4
SR4	8/26/2017 0:26	26.87	92.7	7.27	3.7	SR4	8/26/2017 6:26	26.71	84.7	6.96	3.8	SR4	8/26/2017 12:26	26.31	79.8	6.79	4.2	SR4	8/26/2017 18:26	26.46	85.3	7.23	4.4
SR4	8/26/2017 0:31	26.84	91.1	7.13	3.7	SR4	8/26/2017 6:31	26.72	84.7	6.95	3.7	SR4	8/26/2017 12:31	26.33	79.7	6.80	4.2	SR4	8/26/2017 18:31	26.45	85.4	7.26	4.4
SR4	8/26/2017 0:36	26.83	90.9	7.15	3.7	SR4	8/26/2017 6:36	26.71	84.8	6.96	3.7	SR4	8/26/2017 12:36	26.31	79.7	6.79	4.2	SR4	8/26/2017 18:36	26.44	85.4	7.23	4.3
SR4	8/26/2017 0:41	26.83	90.3	7.11	3.6	SR4	8/26/2017 6:41	26.68	84.9	6.99	3.7	SR4	8/26/2017 12:41	26.32	79.2	6.75	4.2	SR4	8/26/2017 18:41	26.45	85.8	7.26	4.4
SR4	8/26/2017 0:46	26.86	90.2	7.09	3.6	SR4	8/26/2017 6:46	26.71	85.1	7.00	3.7	SR4	8/26/2017 12:46	26.28	78.5	6.68	4.4	SR4	8/26/2017 18:46	26.49	85.2	7.27	4.3
SR4	8/26/2017 0:51	26.83	89.8	7.05	3.6	SR4	8/26/2017 6:51	26.69	85.6	7.04	4.0	SR4	8/26/2017 12:51	26.28	78.4	6.71	4.3	SR4	8/26/2017 18:51	26.46	85.2	7.26	4.3
SR4	8/26/2017 0:56	26.81	88.9	6.98	3.6	SR4	8/26/2017 6:56	26.69	85.3	7.01	3.7	SR4	8/26/2017 12:56	26.29	78.5	6.72	4.4	SR4	8/26/2017 18:56	26.50	85.2	7.24	4.3
SR4	8/26/2017 1:01	26.78	88.1	6.92	3.7	SR4	8/26/2017 7:01	26.68	85.3	7.03	3.8	SR4	8/26/2017 13:01	26.31	78.4	6.68	4.3	SR4	8/26/2017 19:01	26.48	85.2	7.25	4.3
SR4	8/26/2017 1:06	26.81	87.5	6.89	3.6	SR4	8/26/2017 7:06	26.68	85.1	7.00	3.8	SR4	8/26/2017 13:06	26.30	78.3	6.68	4.4	SR4	8/26/2017 19:06	26.50	85.2	7.26	4.3
SR4	8/26/2017 1:11	26.78	87.0	6.83	3.7	SR4	8/26/2017 7:11	26.68	85.0	7.00	3.8	SR4	8/26/2017 13:11	26.30	78.3	6.66	4.4	SR4	8/26/2017 19:11	26.52	85.1	7.25	4.3
SR4	8/26/2017 1:16	26.79	86.5	6.80	3.7	SR4	8/26/2017 7:16	26.61	84.9	7.00	3.7	SR4	8/26/2017 13:16	26.32	78.2	6.69	4.4	SR4	8/26/2017 19:16	26.49	85.1	7.29	4.3
SR4	8/26/2017 1:21	26.83	87.8	6.91	3.6	SR4	8/26/2017 7:21	26.60	84.7	6.97	3.8	SR4	8/26/2017 13:21	26.29	78.1	6.67	4.5	SR4	8/26/2017 19:21	26.51	85.1	7.29	4.3
SR4	8/26/2017 1:26	26.81	87.6	6.89	3.6	SR4	8/26/2017 7:26	26.68	85.0	7.00	3.8	SR4	8/26/2017 13:26	26.33	78.0	6.66	4.3	SR4	8/26/2017 19:26	26.52	85.0	7.25	4.3
SR4	8/26/2017 1:31	26.83	87.5	6.88	3.7	SR4	8/26/2017 7:31	26.67	84.9	6.99	3.8	SR4	8/26/2017 13:31	26.31	77.7	6.62	4.3	SR4	8/26/2017 19:31	26.51	85.0	7.30	4.3
SR4	8/26/2017 1:36	26.82	87.5	6.91	3.6	SR4	8/26/2017 7:36	26.65	84.9	7.03	3.9	SR4	8/26/2017 13:36	26.31	77.7	6.61	4.3	SR4	8/26/2017 19:36	26.50	84.9	7.28	4.3
SR4	8/26/2017 1:41	26.82	87.7	6.91	3.6	SR4	8/26/2017 7:41	26.66	84.8	7.02	3.8	SR4	8/26/2017 13:41	26.30	77.5	6.63	4.3	SR4	8/26/2017 19:41	26.53	84.9	7.28	4.3
SR4	8/26/2017 1:46	26.84	87.8	6.93	3.6	SR4	8/26/2017 7:46	26.66	84.8	7.03	3.9	SR4	8/26/2017 13:46	26.32	78.1	6.67	4.3	SR4	8/26/2017 19:46	26.52	84.9	7.30	4.4
SR4	8/26/2017 1:51	26.86	87.9	6.92	3.6	SR4	8/26/2017 7:51	26.68	84.9	7.03	3.8	SR4	8/26/2017 13:51	26.36	78.1	6.67	4.3	SR4	8/26/2017 19:51	26.54	84.9	7.28	4.3
SR4	8/26/2017 1:56	26.88	87.9	6.93	3.6	SR4	8/26/2017 7:56	26.70	84.9	7.04	3.9	SR4	8/26/2017 13:56	26.37	78.1	6.69	4.4	SR4	8/26/2017 19:56	26.50	84.9	7.28	4.4
SR4	8/26/2017 2:01	26.85	87.9	6.93	3.6	SR4	8/26/2017 8:01	26.67	84.9	7.03	3.9	SR4	8/26/2017 14:01	26.36	78.2	6.70	4.4	SR4	8/26/2017 20:01	26.55	85.0	7.33	4.4
SR4	8/26/2017 2:06	26.88	88.0	6.97	3.6	SR4	8/26/2017 8:06	26.67	84.8	7.04	4.0	SR4	8/26/2017 14:06	26.37	78.3	6.73	4.3	SR4	8/26/2017 20:06	26.53	84.9	7.32	4.4
SR4	8/26/2017 2:11	26.86	88.1	6.96	3.6	SR4	8/26/2017 8:11	26.70	84.8	7.02	4.0	SR4	8/26/2017 14:11	26.39	78.4	6.75	4.3	SR4	8/26/2017 20:11	26.56	84.9	7.31	4.4
SR4	8/26/2017 2:16	26.87	88.2	6.96	3.6	SR4	8/26/2017 8:16	26.72	84.8	7.07	3.9	SR4	8/26/2017 14:16	26.41	78.4	6.76	4.3	SR4	8/26/2017 20:16	26.57	84.9	7.34	4.3
SR4	8/26/2017 2:21	26.90	88.2	6.96	3.6	SR4	8/26/2017 8:21	26.70	84.8	7.08	4.0	SR4	8/26/2017 14:21	26.39	78.5	6.74	4.4	SR4	8/26/2017 20:21	26.57	85.0	7.35	4.3
SR4	8/26/2017 2:26	26.87	88.3	6.97	3.6	SR4	8/26/2017 8:26	26.69	84.7	7.08	4.0	SR4	8/26/2017 14:26	26.39	78.6	6.74	4.4	SR4	8/26/2017 20:26	26.53	85.0	7.33	4.3
SR4	8/26/2017 2:31	26.88	88.4	7.00	3.6	SR4	8/26/2017 8:31	26.71	84.7	7.04	4.0	SR4	8/26/2017 14:31	26.39	78.7	6.77	4.4	SR4	8/26/2017 20:31	26.53	85.1	7.35	4.3
SR4	8/26/2017 2:36	26.90	88.5	7.03	3.6	SR4	8/26/2017 8:36	26.70	84.7	7.04	4.5	SR4	8/26/2017 14:36	26.39	78.7	6.79	4.5	SR4	8/26/2017 20:36	26.57	85.1	7.36	4.3
SR4	8/26/2017 2:41	26.91	88.6	7.01	3.7	SR4	8/26/2017 8:41	26.71	84.7	7.09	4.0	SR4	8/26/2017 14:41	26.44	78.8	6.80	4.4	SR4	8/26/2017 20:41	26.59	85.3	7.37	4.3
SR4	8/26/2017 2:46	26.91	88.6	7.00	3.6	SR4	8/26/2017 8:46	26.73	84.7	7.09	4.0	SR4	8/26/2017 14:46	26.39	78.9	6.81	4.4	SR4	8/26/2017 20:46	26.54	85.3	7.39	4.3
SR4	8/26/2017 2:51	26.92	88.7	7.01	3.6	SR4	8/26/2017 8:51	26.72	84.7	7.10	4.1	SR4	8/26/2017 14:51	26.42	78.9	6.78	4.4	SR4	8/26/2017 20:51	26.42	87.9	7.46	4.3
SR4	8/26/2017 2:56	26.95	88.7	7.05	3.7	SR4	8/26/2017 8:56	26.72	84.7	7.11	4.1	SR4	8/26/2017 14:56	26.44	78.9	6.80	4.4	SR4	8/26/2017 20:56	26.44	88.0	7.47	4.3
SR4	8/26/2017 3:01	26.94	88.8	7.07	3.7	SR4	8/26/2017 9:01	26.70	84.6	7.08	4.1	SR4	8/26/2017 15:01	26.41	79.0	6.79	4.4	SR4	8/26/2017 21:01	26.45	88.3	7.51	4.3
SR4	8/26/2017 3:06	26.93	88.8	7.04	3.8	SR4	8/26/2017 9:06	26.73	84.6	7.08	4.0	SR4	8/26/2017 15:06	26.43	79.0	6.80	4.4	SR4	8/26/2017 21:06	26.46	88.3	7.50	4.3
SR4	8/26/2017 3:11	26.96	88.8	7.05	3.8	SR4	8/26/2017 9:11	26.70	84.6	7.13	4.1	SR4	8/26/2017 15:11	26.42	79.1	6.85	4.6	SR4	8/26/2017 21:11	26.39	86.7	7.39	4.3
SR4	8/26/2017 3:16	26.97	88.8	7.06	3.8	SR4	8/26/2017 9:16	26.69	84.6	7.09	4.0	SR4	8/26/2017 15:16	26.42	79.1	6.82	4.5	SR4	8/26/2017 21:16	26.38	86.3	7.37	4.2
SR4	8/26/2017 3:21	27.00	88.8	7.06	3.7	SR4	8/26/2017 9:21	26.68	84.6	7.13	4.1	SR4	8/26/2017 15:21	26.45	79.1	6.85	4.4	SR4	8/26/2017 21:21	26.35	84.9	7.27	4.2
SR4	8/26/2017 3:26	27.02	88.2	6.92	3.8	SR4	8/26/2017 9:26	26.68	84.5	7.11	4.0	SR4	8/26/2017 15:26	26.45	79.1	6.85	4.4	SR4	8/26/2017 21:26	26.34	84.7	7.26	4.2
SR4	8/26/2017 3:31	27.04	88.1	6.91	3.8	SR4	8/26/2017 9:31	26.67	84.5	7.09	3.6	SR4	8/26/2017 15:31	26.47	79.1	6.82	4.4	SR4	8/26/2017 21:31	26.34	85.5	7.28	4.2
SR4	8/26/2017 3:36	26.95	87.4	6.88	3.7	SR4	8/26/2017 9:36	26.69	84.4	7.14	3.8	SR4	8/26/2017 15:36	26.33	79.8	6.80	4.5	SR4	8/26/2017 21:36	26.35	85.1	7.28	4.2
SR4	8/26/2017 3:41	26.95	87.1	6.91	3.7	SR4	8/26/2017 9:41	26.66	84.4	7.12	4.1	SR4	8/26/2017 15:41	26.32	80.1	6.85	4.5	SR4	8/26/2017 21:41	26.38	85.3	7.28	4.2
SR4	8/26/2017 3:46	26.95	87.0	6.89	3.7	SR4	8/26/2017 9:46	26.67	84.4	7.13	3.8	SR4	8/26/2017 15:46	26.35	80.9	6.89	4.6	SR4	8/26/2017 21:46	26.39	85.5	7.31	4.1
SR4	8/26/2017 3:51	26.95	86.6	6.85	3.7	SR4	8/26/2017 9:51	26.70	84.3	7.11	3.9	SR4	8/26/2017 15:51	26.36	81.1	6.93	4.5	SR4	8/26/2017 21:51	26.37	85.3	7.28	4.3
SR4	8/26/2017 3:56	26.90	86.5	6.88	3.6	SR4	8/26/2017 9:56	26.65	84.3	7.13	3.9	SR4	8/26/2017 15:56	26.36	81.1	6.93	4.5	SR4	8/26/2017 21:56	26.44	89.0	7.54	4.3
SR4	8/26/2017 4:01	26.88	86.4	6.88	3.6	SR4	8/26/2017 10:01	26.65	84.3	7.15	4.0	SR4	8/26/2017 16:01	26.40	81.6	6.95	4.6	SR4	8/26/2017 22:01	26.50	90.0	7.64	4.3
SR4	8/26/2017 4:06	26.87	86.2	6.89	3.7	SR4	8/26/2017 10:06	26.70	84.2	7.12	4.1	SR4	8/26/2017 16:06	26.37	81.5	6.95	4.5	SR4	8/26/2017 22:06	26.49	90.2	7.64	4.2
SR4	8/26/2017 4:11	26.87	86.0	6.86	3.6	SR4	8/26/2017 10:11	26.40	82.3	6.92	3.9	SR4	8/26/2017 16:11	26.37	81.3	6.92	4.4	SR4	8/26/2017 22:11	26.43	86.5	7.38	4.3
SR4	8/26/2017 4:16	26.87	86.0	6.86	3.6	SR4	8/26/2017 10:16	26.40	82.3	6.94	4.0	SR4	8/26/2017 16:16	26.39	81.4	6.96	4.5	SR4	8/26/2017 22:16	26.47	88.8	7.54	4.3
SR4	8/26/2017 4:21	26.83	85.7	6.86	3.7	SR4	8/26/2017 10:21	26.39	82.2	6.94	3.9	SR4	8/26/2017 16:21	26.39	81.2	6.91	4.5	SR4	8/26/2017 22:21	26.49	90.9	7.69	4.4
SR4	8/26/2017 4:26	26.84	85.7	6.88	3.7	SR4	8/26/2017 10:26	26.38	82.2	6.92	4.1	SR4	8/26/2017 16:26	26.43	81.3	6.94	4.5	SR4	8/26/2017 22:26	26.49	90.8	7.67	4.4
SR4	8/26/2017 4:31	26.82	85.1	6.84	3.7	SR4	8/26/2017 10:31	26.42	82.1	6.93	3.9	SR4	8/26/2017 16:31	26.42	81.7	6.94	4.5	SR4	8/26/2017 22:31	26.52	90.8	7.70	4.4
SR4	8/26/2017 4:36	26.82	84.9	6.80	3.6	SR4	8/26/2017 10:36	26.38	82.1	6.92	3.9	SR4	8/26/2017 16:36	26.39	81.5	6.96	4.5	SR4	8/26/2017 22:36	26.50	89.2	7.57	4.3
SR4	8/26/2017 4:41	26.81	84.8	6.81	3.7	SR4	8/26/2017 10:41	26.41	82.0	6.94	4.1	SR4	8/26/2017 16:41	26.38	81.4	6.93	4.5	SR4	8/26/2017 22:41	26.44	88.0	7.46	4.3
SR4	8/26/2017 4:46	26.79	85.0	6.87	3.7	SR4	8/26/2017 10:46	26.41	82.1	6.94	4.1	SR4	8/26/2017 16:46	26.43	81.7	6.94	4.5	SR4	8/26/2017 22:46	26.43	86.6	7.38	4.3
SR4	8/26/2017 4:51	26.81	84.8	6.86	3.7	SR4	8/26/2017 10:51	26.41	82.3	6.94	4.1	SR4	8/26/2017 16:51	26.40	81.5	6.96	4.5	SR4	8/26/2017 22:51	26.44	86.4	7.36	4.3
SR4	8/26/2017 4:56	26.81	84.8	6.86	3.7	SR4	8/26/2017 10:56	26.43	82.5	6.96	4.1	SR4	8/26/2017 16:56	26.41	81.9	6.97	4.5	SR4	8/26/2017 22:56	26.42	85.6	7.31	4.3
SR4	8/26/2017 5:01	26.79	84.6	6.84	3.7	SR4	8/26/2017 11:01	26.41	82.5	6.99	4.0	SR4	8/26/2017 17:01	26.39	81.7	6.95	4.5	SR4	8/26/2017 23:01	26.39	84.2	7.18	4.3
SR4	8/26/2017 5:06	26.79	85.1	6.87	3.7	SR4	8/26/2017 11:06	26.42	82.9	7.03	4.0	SR4	8/26/2017 17:06	26.36	81.5	6.94	4.5	SR4	8/26/2017 23:06	26.40	84.6	7.22	4.3
SR4	8/26/2017 5:11	26.77	85.0	6.88	3.8	SR4	8/26/2017 11:11	26.41	82.9	7.00	4.0	SR4	8/26/2017 17:11	26.38	81.7	6.96	4.4	SR4	8/26/2017 23:11	26.41	85.4	7.26	4.3
SR4	8/26/2017 5:16	26.78	84.8	6.90	3.8	SR4	8/26/2017 11:16	26.40	82.9	7.04	4.0	SR4	8/26/2017 17:16	26.36	81.6	6.94	4.5	SR4	8/26/2017 23:16	26.46	87.5	7.43	4.3
SR4	8/26/2017 5:21	26.76	84.6	6.89	3.8	SR4	8/26/2017 11:21	26.40	82.6	7.00	4.1	SR4	8/26/2017 17:21	26.39	82.1	7.00	4.5	SR4	8/26/2017 23:21	26.45	84.6	7.19	4.4
SR4	8/26/2017 5:26	26.74	85.0	6.90	3.7	SR4	8/26/2017 11:26	26.40	82.5	6.99	4.1	SR4	8/26/2017 17:26	26.37	82.1	7.00	4.4	SR4	8/26/2017 23:26	26.47	85.2	7.26	4.7
SR4	8/26/2017 5:31	26.73	84.9	6.89	3.7	SR4	8/26/2017 11:31	26.40	82.1	6.95	4.0	SR4	8/26/2017 17:31	26.40	82.4	6.99	4.4	SR4	8/26/2017 23:31	26.47	84.8	7.25	4.4
SR4	8/26/2017 5:36	26.75	85.1	6.95	3.7	SR4	8/26/2017 11:36	26.39	81.7	6.92	3.8	SR4	8/26/2017 17:36	26.41	82.5	7.01	4.5	SR4	8/26/2017 23:36	26.46	85.7	7.31	4.4
SR4	8/26/2017 5:41	26.73	85.3	6.96	3.7	SR4	8/26/2017 11:41	26.39	81.4	6.91	3.9	SR4	8/26/2017 17:41	26.39	82.7	7.03	4.4	SR4	8/26/2017 23:41	26.48	85.6	7.33	4.4
SR4	8/26/2017 5:46	26.76	85.3	6.95	3.7	SR4	8/26/2017 11:46	26.37	81.4	6.91	4.0	SR4	8/26/2017 17:46	26.42	82.9	7.06	4.4	SR4	8/26/2017 23:46	26.47	85.2	7.31	4.4
SR4	8/26/2017 5:51	26.75	85.0	6.94	3.7	SR4	8/26/2017 11:51	26.36	81.1	6.89	4.1	SR4	8/26/2017 17:51	26.42	83.2	7.05	4.4	SR4	8/26/2017 23:51	26.49	85.3	7.33	4.4
SR4	8/26/2017 5:56	26.72	84.7	6.91	3.7	SR4	8/26/2017 11:56	26.37	80.9	6.88	4.0	SR4	8/26/2017 17:56	26.40	83.2	7.07	4.4	SR4	8/26/2017 23:56	26.50	85.3	7.35	4.5

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR5	8/26/2017 0:00	27.45	95.4	7.43	2.1	SR5	8/26/2017 6:00	27.31	81.1	6.54	1.5	SR5	8/26/2017 12:00	26.89	76.4	6.33	1.8	SR5	8/26/2017 18:00	27.14	82.5	6.81	2.4
SR5	8/26/2017 0:05	27.44	95.3	7.44	1.9	SR5	8/26/2017 6:05	27.31	82.2	6.61	1.3	SR5	8/26/2017 12:05	26.87	76.7	6.36	1.6	SR5	8/26/2017 18:05	27.12	82.6	6.83	2.7
SR5	8/26/2017 0:10	27.45	95.1	7.41	1.7	SR5	8/26/2017 6:10	27.33	81.7	6.57	1.5	SR5	8/26/2017 12:10	26.87	76.6	6.36	2.1	SR5	8/26/2017 18:10	27.13	83.9	6.90	2.6
SR5	8/26/2017 0:15	27.39	93.2	7.28	2.2	SR5	8/26/2017 6:15	27.32	81.4	6.56	1.4	SR5	8/26/2017 12:15	26.84	76.2	6.32	2.0	SR5	8/26/2017 18:15	27.13	84.4	6.95	2.3
SR5	8/26/2017 0:20	27.37	93.4	7.29	2.0	SR5	8/26/2017 6:20	27.33	81.2	6.54	1.3	SR5	8/26/2017 12:20	26.81	76.0	6.32	1.8	SR5	8/26/2017 18:20	27.16	85.6	7.04	2.3
SR5	8/26/2017 0:25	27.38	93.3	7.28	1.8	SR5	8/26/2017 6:25	27.31	81.3	6.56	1.3	SR5	8/26/2017 12:25	26.82	76.1	6.31	1.4	SR5	8/26/2017 18:25	27.17	86.1	7.08	2.5
SR5	8/26/2017 0:30	27.30	90.0	7.03	2.1	SR5	8/26/2017 6:30	27.31	81.4	6.56	1.7	SR5	8/26/2017 12:30	26.83	75.8	6.31	1.7	SR5	8/26/2017 18:30	27.16	86.2	7.10	2.7
SR5	8/26/2017 0:35	27.32	89.6	7.02	1.8	SR5	8/26/2017 6:35	27.31	81.6	6.58	1.4	SR5	8/26/2017 12:35	26.82	75.9	6.31	1.6	SR5	8/26/2017 18:35	27.15	86.3	7.08	2.6
SR5	8/26/2017 0:40	27.33	88.5	6.93	1.8	SR5	8/26/2017 6:40	27.28	81.9	6.61	1.5	SR5	8/26/2017 12:40	26.82	75.2	6.25	1.5	SR5	8/26/2017 18:40	27.17	86.9	7.13	2.4
SR5	8/26/2017 0:45	27.34	88.1	6.90	1.6	SR5	8/26/2017 6:45	27.30	82.3	6.64	1.1	SR5	8/26/2017 12:45	26.77	73.9	6.14	1.4	SR5	8/26/2017 18:45	27.17	86.8	7.14	2.3
SR5	8/26/2017 0:50	27.31	87.2	6.83	1.5	SR5	8/26/2017 6:50	27.29	83.2	6.71	1.2	SR5	8/26/2017 12:50	26.78	73.8	6.16	1.7	SR5	8/26/2017 18:50	27.18	87.0	7.16	2.4
SR5	8/26/2017 0:55	27.25	85.4	6.69	2.0	SR5	8/26/2017 6:55	27.29	82.7	6.67	1.4	SR5	8/26/2017 12:55	26.79	73.9	6.17	1.5	SR5	8/26/2017 18:55	27.17	87.0	7.16	2.4
SR5	8/26/2017 1:00	27.21	83.9	6.57	1.4	SR5	8/26/2017 7:00	27.28	82.8	6.69	1.6	SR5	8/26/2017 13:00	26.81	73.9	6.14	1.6	SR5	8/26/2017 19:00	27.18	87.2	7.16	2.8
SR5	8/26/2017 1:05	27.23	82.5	6.48	1.4	SR5	8/26/2017 7:05	27.27	82.2	6.64	1.4	SR5	8/26/2017 13:05	26.80	73.8	6.14	1.2	SR5	8/26/2017 19:05	27.16	87.2	7.17	2.3
SR5	8/26/2017 1:10	27.19	81.5	6.38	1.6	SR5	8/26/2017 7:10	27.26	82.1	6.64	2.2	SR5	8/26/2017 13:10	26.80	73.7	6.13	2.2	SR5	8/26/2017 19:10	27.19	87.6	7.20	2.4
SR5	8/26/2017 1:15	27.18	80.5	6.32	1.2	SR5	8/26/2017 7:15	27.18	81.9	6.63	1.6	SR5	8/26/2017 13:15	26.82	73.6	6.14	1.9	SR5	8/26/2017 19:15	27.18	88.1	7.25	2.6
SR5	8/26/2017 1:20	27.17	81.5	6.40	1.5	SR5	8/26/2017 7:20	27.13	81.6	6.60	1.9	SR5	8/26/2017 13:20	26.80	73.5	6.12	1.5	SR5	8/26/2017 19:20	27.24	88.4	7.27	2.4
SR5	8/26/2017 1:25	27.15	80.4	6.31	1.7	SR5	8/26/2017 7:25	27.12	81.2	6.58	1.3	SR5	8/26/2017 13:25	26.84	73.2	6.10	1.8	SR5	8/26/2017 19:25	27.17	86.0	7.09	2.6
SR5	8/26/2017 1:30	27.17	81.0	6.36	1.8	SR5	8/26/2017 7:30	27.08	80.5	6.53	1.3	SR5	8/26/2017 13:30	26.84	72.7	6.04	1.6	SR5	8/26/2017 19:30	27.10	85.5	7.07	2.3
SR5	8/26/2017 1:35	27.22	82.0	6.41	1.7	SR5	8/26/2017 7:35	27.04	80.3	6.54	1.3	SR5	8/26/2017 13:35	26.84	72.5	6.03	1.6	SR5	8/26/2017 19:35	27.05	85.1	7.05	2.5
SR5	8/26/2017 1:40	27.23	82.9	6.50	2.1	SR5	8/26/2017 7:40	27.03	80.1	6.51	1.2	SR5	8/26/2017 13:40	26.84	72.2	6.03	2.4	SR5	8/26/2017 19:40	27.03	85.0	7.03	6.9
SR5	8/26/2017 1:45	27.20	81.2	6.37	1.9	SR5	8/26/2017 7:45	27.07	81.0	6.58	9.4	SR5	8/26/2017 13:45	26.88	74.4	6.17	1.4	SR5	8/26/2017 19:45	27.01	85.5	7.09	2.6
SR5	8/26/2017 1:50	27.24	83.4	6.54	2.1	SR5	8/26/2017 7:50	27.12	82.6	6.71	1.5	SR5	8/26/2017 13:50	26.91	74.9	6.21	2.5	SR5	8/26/2017 19:50	27.01	86.1	7.14	2.5
SR5	8/26/2017 1:55	27.23	83.4	6.53	1.7	SR5	8/26/2017 7:55	27.11	82.2	6.69	1.5	SR5	8/26/2017 13:55	26.89	74.4	6.19	1.9	SR5	8/26/2017 19:55	27.05	87.1	7.19	2.8
SR5	8/26/2017 2:00	27.24	82.8	6.50	2.3	SR5	8/26/2017 8:00	27.09	82.1	6.68	1.8	SR5	8/26/2017 14:00	26.88	74.1	6.17	2.1	SR5	8/26/2017 20:00	27.06	88.0	7.26	2.4
SR5	8/26/2017 2:05	27.29	83.9	6.57	1.8	SR5	8/26/2017 8:05	27.08	81.6	6.63	1.4	SR5	8/26/2017 14:05	26.90	74.4	6.18	2.2	SR5	8/26/2017 20:05	26.97	86.5	7.17	2.4
SR5	8/26/2017 2:10	27.34	84.9	6.64	2.2	SR5	8/26/2017 8:10	27.04	81.1	6.60	1.4	SR5	8/26/2017 14:10	26.88	74.3	6.18	2.7	SR5	8/26/2017 20:10	26.89	85.7	7.11	2.7
SR5	8/26/2017 2:15	27.33	84.6	6.62	2.2	SR5	8/26/2017 8:15	27.03	81.4	6.64	1.6	SR5	8/26/2017 14:15	26.86	74.0	6.14	2.3	SR5	8/26/2017 20:15	26.93	86.6	7.18	2.6
SR5	8/26/2017 2:20	27.35	85.1	6.65	2.0	SR5	8/26/2017 8:20	27.03	81.3	6.64	1.9	SR5	8/26/2017 14:20	26.86	74.3	6.19	2.4	SR5	8/26/2017 20:20	26.95	87.6	7.24	2.2
SR5	8/26/2017 2:25	27.41	86.7	6.77	2.1	SR5	8/26/2017 8:25	27.02	81.3	6.64	1.5	SR5	8/26/2017 14:25	26.87	74.9	6.24	2.2	SR5	8/26/2017 20:25	26.99	88.4	7.30	2.9
SR5	8/26/2017 2:30	27.39	85.6	6.69	1.7	SR5	8/26/2017 8:30	26.96	81.2	6.64	1.3	SR5	8/26/2017 14:30	26.88	75.1	6.24	2.5	SR5	8/26/2017 20:30	27.03	89.5	7.38	2.5
SR5	8/26/2017 2:35	27.41	86.0	6.73	1.7	SR5	8/26/2017 8:35	26.93	81.4	6.65	1.5	SR5	8/26/2017 14:35	26.90	74.9	6.23	2.1	SR5	8/26/2017 20:35	27.02	89.3	7.36	2.7
SR5	8/26/2017 2:40	27.42	85.4	6.67	2.1	SR5	8/26/2017 8:40	26.94	81.6	6.67	1.4	SR5	8/26/2017 14:40	26.91	76.0	6.33	2.2	SR5	8/26/2017 20:40	27.06	90.9	7.48	2.5
SR5	8/26/2017 2:45	27.44	85.7	6.70	2.9	SR5	8/26/2017 8:45	26.94	81.6	6.67	1.4	SR5	8/26/2017 14:45	26.91	75.7	6.29	2.0	SR5	8/26/2017 20:45	27.08	90.6	7.46	2.5
SR5	8/26/2017 2:50	27.47	86.0	6.71	2.0	SR5	8/26/2017 8:50	26.93	81.6	6.68	2.1	SR5	8/26/2017 14:50	26.91	75.6	6.29	1.7	SR5	8/26/2017 20:50	27.04	90.5	7.45	2.0
SR5	8/26/2017 2:55	27.44	85.9	6.70	2.4	SR5	8/26/2017 8:55	26.98	81.7	6.70	1.2	SR5	8/26/2017 14:55	26.91	75.9	6.31	1.8	SR5	8/26/2017 20:55	27.05	90.8	7.47	2.3
SR5	8/26/2017 3:00	27.46	85.2	6.66	1.8	SR5	8/26/2017 9:00	26.99	81.7	6.70	1.2	SR5	8/26/2017 15:00	26.91	75.7	6.28	1.7	SR5	8/26/2017 21:00	27.07	91.3	7.52	2.5
SR5	8/26/2017 3:05	27.50	85.1	6.64	1.9	SR5	8/26/2017 9:05	26.99	81.6	6.67	1.5	SR5	8/26/2017 15:05	26.89	75.8	6.30	1.9	SR5	8/26/2017 21:05	27.07	91.2	7.51	2.2
SR5	8/26/2017 3:10	27.50	84.0	6.56	2.1	SR5	8/26/2017 9:10	26.99	81.6	6.67	1.7	SR5	8/26/2017 15:10	26.89	75.5	6.28	1.7	SR5	8/26/2017 21:10	26.96	88.4	7.31	2.2
SR5	8/26/2017 3:15	27.54	82.7	6.46	2.3	SR5	8/26/2017 9:15	26.97	81.3	6.66	1.3	SR5	8/26/2017 15:15	26.92	75.4	6.29	2.0	SR5	8/26/2017 21:15	26.93	87.5	7.25	2.3
SR5	8/26/2017 3:20	27.52	83.0	6.47	1.4	SR5	8/26/2017 9:20	26.97	80.8	6.63	1.2	SR5	8/26/2017 15:20	26.90	75.8	6.29	1.9	SR5	8/26/2017 21:20	26.85	84.7	7.05	2.4
SR5	8/26/2017 3:25	27.53	82.8	6.47	1.7	SR5	8/26/2017 9:25	26.95	80.9	6.65	1.4	SR5	8/26/2017 15:25	26.88	75.2	6.26	2.0	SR5	8/26/2017 21:25	26.84	84.3	7.02	2.5
SR5	8/26/2017 3:30	27.56	82.6	6.45	1.7	SR5	8/26/2017 9:30	26.97	81.0	6.64	1.8	SR5	8/26/2017 15:30	26.89	74.9	6.23	1.8	SR5	8/26/2017 21:30	26.86	85.9	7.11	2.5
SR5	8/26/2017 3:35	27.48	82.1	6.43	1.6	SR5	8/26/2017 9:35	26.94	80.0	6.58	1.3	SR5	8/26/2017 15:35	26.91	75.6	6.28	2.1	SR5	8/26/2017 21:35	26.86	85.2	7.08	2.9
SR5	8/26/2017 3:40	27.49	81.7	6.43	1.7	SR5	8/26/2017 9:40	26.92	79.9	6.56	2.5	SR5	8/26/2017 15:40	26.91	76.1	6.33	2.2	SR5	8/26/2017 21:40	26.88	85.6	7.10	2.4
SR5	8/26/2017 3:45	27.49	81.6	6.42	1.6	SR5	8/26/2017 9:45	26.92	79.9	6.58	2.0	SR5	8/26/2017 15:45	26.97	77.7	6.44	2.1	SR5	8/26/2017 21:45	26.89	86.0	7.14	2.5
SR5	8/26/2017 3:50	27.49	81.4	6.39	1.7	SR5	8/26/2017 9:50	26.92	79.4	6.52	1.3	SR5	8/26/2017 15:50	26.99	78.0	6.48	2.0	SR5	8/26/2017 21:50	26.88	85.8	7.11	2.3
SR5	8/26/2017 3:55	27.44	81.3	6.41	2.0	SR5	8/26/2017 9:55	26.92	79.4	6.53	1.2	SR5	8/26/2017 15:55	27.00	78.4	6.51	2.0	SR5	8/26/2017 21:55	27.02	93.1	7.65	2.6
SR5	8/26/2017 4:00	27.43	81.2	6.41	1.9	SR5	8/26/2017 10:00	26.90	79.1	6.51	1.8	SR5	8/26/2017 16:00	27.04	79.4	6.57	2.2	SR5	8/26/2017 22:00	27.11	95.0	7.80	2.7
SR5	8/26/2017 4:05	27.43	81.1	6.42	1.6	SR5	8/26/2017 10:05	26.94	78.6	6.47	1.2	SR5	8/26/2017 16:05	27.04	79.4	6.57	2.1	SR5	8/26/2017 22:05	27.11	95.4	7.82	2.6
SR5	8/26/2017 4:10	27.42	80.8	6.39	1.6	SR5	8/26/2017 10:10	26.94	78.6	6.46	1.1	SR5	8/26/2017 16:10	27.03	79.1	6.54	2.3	SR5	8/26/2017 22:10	26.97	87.9	7.27	2.7
SR5	8/26/2017 4:15	27.42	80.9	6.39	1.4	SR5	8/26/2017 10:15	26.94	78.5	6.48	1.5	SR5	8/26/2017 16:15	27.08	79.3	6.57	2.5	SR5	8/26/2017 22:15	27.05	92.4	7.61	2.7
SR5	8/26/2017 4:20	27.39	80.7	6.39	1.7	SR5	8/26/2017 10:20	26.93	78.4	6.47	1.4	SR5	8/26/2017 16:20	27.08	78.9	6.53	2.6	SR5	8/26/2017 22:20	27.11	96.5	7.91	2.8
SR5	8/26/2017 4:25	27.39	80.9	6.42	1.5	SR5	8/26/2017 10:25	26.92	78.3	6.45	1.1	SR5	8/26/2017 16:25	27.11	79.3	6.57	2.5	SR5	8/26/2017 22:25	27.11	96.3	7.89	3.5
SR5	8/26/2017 4:30	27.38	80.1	6.37	1.8	SR5	8/26/2017 10:30	26.95	78.3	6.45	1.6	SR5	8/26/2017 16:30	27.12	80.0	6.60	2.9	SR5	8/26/2017 22:30	27.13	96.4	7.91	2.5
SR5	8/26/2017 4:35	27.38	80.0	6.34	2.2	SR5	8/26/2017 10:35	26.92	78.2	6.44	1.6	SR5	8/26/2017 16:35	27.09	79.8	6.61	2.8	SR5	8/26/2017 22:35	27.07	93.1	7.66	2.7
SR5	8/26/2017 4:40	27.37	80.0	6.35	2.0	SR5	8/26/2017 10:40	26.95	77.9	6.44	2.0	SR5	8/26/2017 16:40	27.07	79.8	6.59	3.2	SR5	8/26/2017 22:40	26.99	90.6	7.47	2.2
SR5	8/26/2017 4:45	27.36	80.2	6.40	1.5	SR5	8/26/2017 10:45	26.95	78.0	6.44	1.8	SR5	8/26/2017 16:45	27.12	80.2	6.62	2.7	SR5	8/26/2017 22:45	26.94	88.0	7.28	2.7
SR5	8/26/2017 4:50	27.37	80.0	6.39	2.0	SR5	8/26/2017 10:50	26.95	78.1	6.44	2.5	SR5	8/26/2017 16:50	27.09	79.9	6.62	2.8	SR5	8/26/2017 22:50	26.94	87.6	7.25	2.5
SR5	8/26/2017 4:55	27.37	80.1	6.39	2.1	SR5	8/26/2017 10:55	26.97	78.2	6.45	1.5	SR5	8/26/2017 16:55	27.11	80.6	6.66	2.4	SR5	8/26/2017 22:55	26.92	85.9	7.13	2.1
SR5	8/26/2017 5:00	27.36	79.8	6.37	1.5	SR5	8/26/2017 11:00	26.95	78.2	6.47	1.5	SR5	8/26/2017 17:00	27.09	80.4	6.64	3.4	SR5	8/26/2017 23:00	26.87	83.0	6.89	2.4
SR5	8/26/2017 5:05	27.35	80.8	6.44	1.9	SR5	8/26/2017 11:05	26.95	78.5	6.50	1.4	SR5	8/26/2017 17:05	27.04	79.9	6.61	3.0	SR5	8/26/2017 23:05	26.89	83.8	6.96	1.9
SR5	8/26/2017 5:10	27.34	80.6	6.44	1.3	SR5	8/26/2017 11:10	26.94	78.5	6.48	1.4	SR5	8/26/2017 17:10	27.07	80.3	6.64	2.5	SR5	8/26/2017 23:10	26.91	85.3	7.06	2.0
SR5	8/26/2017 5:15	27.35	80.5	6.45	1.5	SR5	8/26/2017 11:15	26.93	78.7	6.52	1.5	SR5	8/26/2017 17:15	27.04	80.0	6.61	2.7	SR5	8/26/2017 23:15	26.99	89.5	7.38	2.1
SR5	8/26/2017 5:20	27.34	80.3	6.44	1.3	SR5	8/26/2017 11:20	26.92	78.4	6.48	1.7	SR5	8/26/2017 17:20	27.08	81.0	6.70	3.0	SR5	8/26/2017 23:20	26.93	83.6	6.92	2.2
SR5	8/26/2017 5:25	27.33	81.4	6.51	1.2	SR5	8/26/2017 11:25	26.93	78.3	6.48	1.8	SR5	8/26/2017 17:25	27.06	80.9	6.69	2.3	SR5	8/26/2017 23:25	26.97	84.7	7.02	2.2
SR5	8/26/2017 5:30	27.32	81.2	6.50	1.3	SR5	8/26/2017 11:30	26.93	78.0	6.45	1.5	SR5	8/26/2017 17:30	27.08	81.3	6.70	3.1	SR5	8/26/2017 23:30	26.96	84.0	6.98	2.5
SR5	8/26/2017 5:35	27.34	81.9	6.58	1.5	SR5	8/26/2017 11:35	26.92	77.6	6.42	1.9	SR5	8/26/2017 17:35	27.09	81.4	6.72	2.4	SR5	8/26/2017 23:35	27.03	87.0	7.19	2.1
SR5	8/26/2017 5:40	27.33	82.4	6.61	1.5	SR5	8/26/2017 11:40	26.92	77.4	6.41	2.2	SR5	8/26/2017 17:40	27.09	81.9	6.75	2.7	SR5	8/26/2017 23:40	26.98	84.3	6.98	2.5
SR5	8/26/2017 5:45	27.35	82.5	6.61	1.4	SR5	8/26/2017 11:45	26.91	77.5	6.42	2.0	SR5	8/26/2017 17:45	27.12	82.1	6.78	2.9	SR5	8/26/2017 23:45	26.95	82.6	6.85	2.3
SR5	8/26/2017 5:50	27.34	81.9	6.57	1.4	SR5	8/26/2017 11:50	26.89	77.2	6.40	1.8	SR5	8/26/2017 17:50	27.14	82.5	6.79	2.5	SR5	8/26/2017 23:50	26.94	81.8	6.80	2.2
SR5	8/26/2017 5:55	27.31	81.3	6.53	1.5	SR5	8/26/2017 11:55	26.90	77.2	6.40	2.1	SR5	8/26/2017 17:55	27.12	82.4	6.79	2.5	SR5	8/26/2017 23:55	26.94	81.8	6.80	2.3

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR12	8/26/2017 0:01	27.15	88.2	7.17	2.1	SR12	8/26/2017 6:01	26.73	84.6	6.94	2.4	SR12	8/26/2017 12:01	26.36	80.4	6.83	2.5	SR12	8/26/2017 18:01	26.44	82.1	7.05	3.0
SR12	8/26/2017 0:06	27.11	88.3	7.14	2.2	SR12	8/26/2017 6:06	26.71	85.1	6.97	2.6	SR12	8/26/2017 12:06	26.34	80.5	6.84	2.5	SR12	8/26/2017 18:06	26.42	82.1	7.08	2.9
SR12	8/26/2017 0:11	27.11	88.4	7.17	1.8	SR12	8/26/2017 6:11	26.74	84.9	6.94	1.9	SR12	8/26/2017 12:11	26.36	80.3	6.84	2.0	SR12	8/26/2017 18:11	26.43	82.2	7.08	2.4
SR12	8/26/2017 0:16	27.10	88.4	7.18	2.1	SR12	8/26/2017 6:16	26.73	84.7	6.95	2.5	SR12	8/26/2017 12:16	26.33	80.1	6.80	2.5	SR12	8/26/2017 18:16	26.44	82.2	7.09	3.2
SR12	8/26/2017 0:21	27.09	88.5	7.16	2.3	SR12	8/26/2017 6:21	26.74	84.7	6.93	2.6	SR12	8/26/2017 12:21	26.30	79.9	6.81	2.5	SR12	8/26/2017 18:21	26.45	82.3	7.11	3.2
SR12	8/26/2017 0:26	27.14	88.6	7.16	1.9	SR12	8/26/2017 6:26	26.71	84.7	6.96	2.5	SR12	8/26/2017 12:26	26.36	80.5	6.86	2.0	SR12	8/26/2017 18:26	26.46	82.4	7.08	2.5
SR12	8/26/2017 0:31	27.09	88.6	7.18	1.9	SR12	8/26/2017 6:31	26.72	84.7	6.95	2.9	SR12	8/26/2017 12:31	26.40	80.4	6.88	2.4	SR12	8/26/2017 18:31	26.48	82.4	7.09	3.1
SR12	8/26/2017 0:36	27.10	88.6	7.18	2.3	SR12	8/26/2017 6:36	26.71	84.8	6.96	3.0	SR12	8/26/2017 12:36	26.41	80.4	6.86	2.4	SR12	8/26/2017 18:36	26.49	82.5	7.12	2.9
SR12	8/26/2017 0:41	27.09	88.6	7.20	1.7	SR12	8/26/2017 6:41	26.68	84.9	6.99	2.4	SR12	8/26/2017 12:41	26.37	80.4	6.89	2.3	SR12	8/26/2017 18:41	26.49	82.6	7.11	2.5
SR12	8/26/2017 0:46	27.10	88.6	7.21	2.2	SR12	8/26/2017 6:46	26.71	85.1	7.00	2.8	SR12	8/26/2017 12:46	26.41	80.4	6.90	2.4	SR12	8/26/2017 18:46	26.48	82.6	7.15	2.9
SR12	8/26/2017 0:51	27.11	88.7	7.20	3.0	SR12	8/26/2017 6:51	26.69	85.6	7.04	2.9	SR12	8/26/2017 12:51	26.44	80.5	6.91	2.8	SR12	8/26/2017 18:51	26.47	82.7	7.15	3.3
SR12	8/26/2017 0:56	27.09	88.6	7.18	2.0	SR12	8/26/2017 6:56	26.69	85.3	7.01	2.4	SR12	8/26/2017 12:56	26.40	80.5	6.90	1.9	SR12	8/26/2017 18:56	26.47	82.8	7.14	2.4
SR12	8/26/2017 1:01	27.12	88.5	7.18	2.2	SR12	8/26/2017 7:01	26.73	85.2	7.01	3.0	SR12	8/26/2017 13:01	26.42	80.5	6.88	2.6	SR12	8/26/2017 19:01	26.49	82.9	7.13	3.3
SR12	8/26/2017 1:06	27.11	88.5	7.17	2.8	SR12	8/26/2017 7:06	26.73	85.3	7.01	2.8	SR12	8/26/2017 13:06	26.43	80.4	6.88	2.4	SR12	8/26/2017 19:06	26.47	82.9	7.16	3.2
SR12	8/26/2017 1:11	27.09	88.4	7.18	2.5	SR12	8/26/2017 7:11	26.75	85.4	7.02	2.3	SR12	8/26/2017 13:11	26.46	80.4	6.90	2.3	SR12	8/26/2017 19:11	26.51	83.0	7.18	2.6
SR12	8/26/2017 1:16	27.08	88.3	7.19	3.0	SR12	8/26/2017 7:16	26.76	85.4	7.02	2.5	SR12	8/26/2017 13:16	26.47	80.4	6.89	2.6	SR12	8/26/2017 19:16	26.49	83.1	7.21	3.2
SR12	8/26/2017 1:21	27.11	88.3	7.15	3.0	SR12	8/26/2017 7:21	26.77	85.3	7.01	2.3	SR12	8/26/2017 13:21	26.47	80.4	6.89	2.4	SR12	8/26/2017 19:21	26.48	83.2	7.19	3.3
SR12	8/26/2017 1:26	27.11	88.2	7.17	1.9	SR12	8/26/2017 7:26	26.76	85.4	7.06	1.9	SR12	8/26/2017 13:26	26.48	80.3	6.91	2.1	SR12	8/26/2017 19:26	26.53	83.1	7.18	2.5
SR12	8/26/2017 1:31	27.08	88.2	7.18	2.4	SR12	8/26/2017 7:31	26.78	85.3	7.01	2.3	SR12	8/26/2017 13:31	26.49	80.3	6.88	2.3	SR12	8/26/2017 19:31	26.50	83.2	7.18	3.3
SR12	8/26/2017 1:36	27.11	88.2	7.16	2.4	SR12	8/26/2017 7:36	26.77	85.3	7.03	2.4	SR12	8/26/2017 13:36	26.47	80.3	6.90	2.5	SR12	8/26/2017 19:36	26.50	83.2	7.22	3.3
SR12	8/26/2017 1:41	27.08	88.2	7.15	2.0	SR12	8/26/2017 7:41	26.78	85.3	7.05	2.1	SR12	8/26/2017 13:41	26.51	80.2	6.89	2.0	SR12	8/26/2017 19:41	26.51	83.2	7.20	2.5
SR12	8/26/2017 1:46	27.13	88.1	7.16	2.2	SR12	8/26/2017 7:46	26.80	85.3	7.05	2.3	SR12	8/26/2017 13:46	26.51	80.3	6.92	2.8	SR12	8/26/2017 19:46	26.50	83.3	7.22	3.3
SR12	8/26/2017 1:51	27.08	88.1	7.16	2.4	SR12	8/26/2017 7:51	26.82	85.3	7.03	2.3	SR12	8/26/2017 13:51	26.47	80.3	6.94	2.6	SR12	8/26/2017 19:51	26.51	83.3	7.20	3.0
SR12	8/26/2017 1:56	27.09	88.2	7.15	1.8	SR12	8/26/2017 7:56	26.80	85.3	7.04	1.7	SR12	8/26/2017 13:56	26.48	80.3	6.92	2.0	SR12	8/26/2017 19:56	26.49	83.4	7.20	2.5
SR12	8/26/2017 2:01	27.08	88.2	7.16	2.4	SR12	8/26/2017 8:01	26.77	85.3	7.03	2.3	SR12	8/26/2017 14:01	26.52	80.2	6.91	2.6	SR12	8/26/2017 20:01	26.50	85.9	7.30	3.5
SR12	8/26/2017 2:06	26.87	92.7	7.27	2.1	SR12	8/26/2017 8:06	26.78	85.3	7.03	2.4	SR12	8/26/2017 14:06	26.49	80.2	6.93	2.6	SR12	8/26/2017 20:06	26.47	86.1	7.33	3.1
SR12	8/26/2017 2:11	26.84	91.1	7.13	1.8	SR12	8/26/2017 8:11	26.81	85.3	7.04	2.1	SR12	8/26/2017 14:11	26.50	80.2	6.90	2.1	SR12	8/26/2017 20:11	26.51	86.1	7.34	2.5
SR12	8/26/2017 2:16	26.83	90.9	7.15	2.4	SR12	8/26/2017 8:16	26.82	85.2	7.07	2.5	SR12	8/26/2017 14:16	26.50	80.2	6.90	2.6	SR12	8/26/2017 20:16	26.49	85.3	7.26	3.3
SR12	8/26/2017 2:21	26.83	90.3	7.11	2.3	SR12	8/26/2017 8:21	26.83	85.2	7.05	2.8	SR12	8/26/2017 14:21	26.53	80.2	6.92	2.5	SR12	8/26/2017 20:21	26.45	85.1	7.28	3.3
SR12	8/26/2017 2:26	26.86	90.2	7.09	1.7	SR12	8/26/2017 8:26	26.81	85.2	7.07	2.0	SR12	8/26/2017 14:26	26.49	80.2	6.91	2.2	SR12	8/26/2017 20:26	26.43	85.0	7.27	2.7
SR12	8/26/2017 2:31	26.83	89.8	7.05	2.2	SR12	8/26/2017 8:31	26.82	85.2	7.09	2.4	SR12	8/26/2017 14:31	26.34	79.1	6.76	2.6	SR12	8/26/2017 20:31	26.44	84.9	7.25	3.2
SR12	8/26/2017 2:36	26.81	88.9	6.98	2.2	SR12	8/26/2017 8:36	26.83	85.2	7.09	2.6	SR12	8/26/2017 14:36	26.35	79.1	6.77	2.6	SR12	8/26/2017 20:36	26.43	85.1	7.29	3.2
SR12	8/26/2017 2:41	26.78	88.1	6.92	1.7	SR12	8/26/2017 8:41	26.83	85.1	7.11	2.1	SR12	8/26/2017 14:41	26.37	79.5	6.82	2.2	SR12	8/26/2017 20:41	26.44	85.3	7.30	2.5
SR12	8/26/2017 2:46	26.81	87.5	6.89	2.3	SR12	8/26/2017 8:46	26.83	85.1	7.11	2.6	SR12	8/26/2017 14:46	26.36	79.5	6.80	2.5	SR12	8/26/2017 20:46	26.44	85.6	7.31	3.0
SR12	8/26/2017 2:51	26.78	87.0	6.83	2.4	SR12	8/26/2017 8:51	26.82	85.1	7.09	2.5	SR12	8/26/2017 14:51	26.37	79.4	6.79	2.6	SR12	8/26/2017 20:51	26.46	85.9	7.35	3.1
SR12	8/26/2017 2:56	26.79	86.5	6.80	1.9	SR12	8/26/2017 8:56	26.85	85.1	7.14	2.2	SR12	8/26/2017 14:56	26.38	79.6	6.81	2.1	SR12	8/26/2017 20:56	26.43	85.4	7.33	2.5
SR12	8/26/2017 3:01	26.79	87.3	6.87	2.1	SR12	8/26/2017 9:01	26.80	85.0	7.10	2.5	SR12	8/26/2017 15:01	26.36	79.5	6.79	2.5	SR12	8/26/2017 21:01	26.41	85.1	7.30	2.9
SR12	8/26/2017 3:06	26.78	86.9	6.83	2.4	SR12	8/26/2017 9:06	26.85	85.0	7.14	2.6	SR12	8/26/2017 15:06	26.35	79.6	6.81	2.6	SR12	8/26/2017 21:06	26.43	85.5	7.34	3.1
SR12	8/26/2017 3:11	26.79	87.1	6.85	2.0	SR12	8/26/2017 9:11	26.81	85.0	7.10	2.2	SR12	8/26/2017 15:11	26.35	79.5	6.82	2.5	SR12	8/26/2017 21:11	26.44	85.9	7.35	2.5
SR12	8/26/2017 3:16	26.81	87.4	6.86	2.2	SR12	8/26/2017 9:16	26.80	85.0	7.11	2.9	SR12	8/26/2017 15:16	26.38	79.5	6.82	2.6	SR12	8/26/2017 21:16	26.44	86.1	7.36	3.5
SR12	8/26/2017 3:21	26.82	87.8	6.91	2.3	SR12	8/26/2017 9:21	26.57	84.2	6.96	2.8	SR12	8/26/2017 15:21	26.36	79.7	6.82	2.8	SR12	8/26/2017 21:21	26.45	86.6	7.39	3.0
SR12	8/26/2017 3:26	26.82	87.3	6.87	1.9	SR12	8/26/2017 9:26	26.58	84.5	6.99	2.3	SR12	8/26/2017 15:26	26.35	79.5	6.82	2.2	SR12	8/26/2017 21:26	26.47	86.5	7.39	2.5
SR12	8/26/2017 3:31	26.89	87.5	6.91	2.3	SR12	8/26/2017 9:31	26.61	84.9	7.03	2.5	SR12	8/26/2017 15:31	26.38	79.3	6.79	2.6	SR12	8/26/2017 21:31	26.48	87.1	7.44	3.3
SR12	8/26/2017 3:36	26.87	87.5	6.93	2.3	SR12	8/26/2017 9:36	26.60	84.7	7.04	2.5	SR12	8/26/2017 15:36	26.33	79.8	6.80	2.8	SR12	8/26/2017 21:36	26.49	87.0	7.44	3.0
SR12	8/26/2017 3:41	26.89	87.6	6.93	1.8	SR12	8/26/2017 9:41	26.58	84.7	7.02	2.2	SR12	8/26/2017 15:41	26.32	80.1	6.85	2.3	SR12	8/26/2017 21:41	26.42	87.9	7.46	2.5
SR12	8/26/2017 3:46	26.91	87.6	6.94	2.4	SR12	8/26/2017 9:46	26.58	84.4	7.00	2.4	SR12	8/26/2017 15:46	26.35	80.9	6.89	2.9	SR12	8/26/2017 21:46	26.44	88.0	7.47	3.1
SR12	8/26/2017 3:51	26.89	87.5	6.94	2.2	SR12	8/26/2017 9:51	26.57	84.2	6.98	2.5	SR12	8/26/2017 15:51	26.36	81.1	6.93	2.8	SR12	8/26/2017 21:51	26.45	88.3	7.51	3.0
SR12	8/26/2017 3:56	26.95	87.6	6.94	1.9	SR12	8/26/2017 9:56	26.57	84.2	7.01	2.0	SR12	8/26/2017 15:56	26.36	81.1	6.93	2.5	SR12	8/26/2017 21:56	26.46	88.3	7.50	2.4
SR12	8/26/2017 4:01	26.91	87.5	6.94	2.6	SR12	8/26/2017 10:01	26.56	84.1	7.01	2.4	SR12	8/26/2017 16:01	26.40	81.6	6.95	3.2	SR12	8/26/2017 22:01	26.39	86.7	7.39	3.0
SR12	8/26/2017 4:06	26.96	87.6	6.97	2.5	SR12	8/26/2017 10:06	26.55	84.0	7.01	2.3	SR12	8/26/2017 16:06	26.37	81.5	6.95	3.3	SR12	8/26/2017 22:06	26.38	86.3	7.37	3.1
SR12	8/26/2017 4:11	26.97	87.5	6.96	1.9	SR12	8/26/2017 10:11	26.53	84.0	7.00	2.1	SR12	8/26/2017 16:11	26.37	81.3	6.92	3.2	SR12	8/26/2017 22:11	26.45	87.3	7.45	2.5
SR12	8/26/2017 4:16	26.93	87.5	6.99	2.5	SR12	8/26/2017 10:16	26.51	84.0	6.99	2.6	SR12	8/26/2017 16:16	26.39	81.4	6.96	3.6	SR12	8/26/2017 22:16	26.47	87.3	7.44	3.0
SR12	8/26/2017 4:21	26.94	87.4	6.98	3.0	SR12	8/26/2017 10:21	26.53	84.0	7.02	2.6	SR12	8/26/2017 16:21	26.39	81.2	6.91	3.6	SR12	8/26/2017 22:21	26.46	87.4	7.46	3.1
SR12	8/26/2017 4:26	26.93	87.4	6.97	2.1	SR12	8/26/2017 10:26	26.52	84.0	7.02	2.2	SR12	8/26/2017 16:26	26.43	81.3	6.94	3.1	SR12	8/26/2017 22:26	26.44	87.2	7.46	2.5
SR12	8/26/2017 4:31	26.99	87.4	6.97	2.6	SR12	8/26/2017 10:31	26.42	82.1	6.93	2.8	SR12	8/26/2017 16:31	26.42	81.7	6.94	3.9	SR12	8/26/2017 22:31	26.45	87.3	7.45	3.1
SR12	8/26/2017 4:36	26.98	87.3	7.00	2.3	SR12	8/26/2017 10:36	26.38	82.1	6.92	2.5	SR12	8/26/2017 16:36	26.39	81.5	6.96	3.5	SR12	8/26/2017 22:36	26.51	87.3	7.47	2.6
SR12	8/26/2017 4:41	26.99	87.3	6.99	2.2	SR12	8/26/2017 10:41	26.41	82.0	6.94	2.3	SR12	8/26/2017 16:41	26.38	81.4	6.93	2.9	SR12	8/26/2017 22:41	26.49	87.2	7.49	2.5
SR12	8/26/2017 4:46	26.96	87.3	7.01	2.3	SR12	8/26/2017 10:46	26.41	82.1	6.94	2.6	SR12	8/26/2017 16:46	26.43	81.7	6.94	3.7	SR12	8/26/2017 22:46	26.51	87.1	7.46	3.0
SR12	8/26/2017 4:51	26.95	87.2	6.98	2.4	SR12	8/26/2017 10:51	26.41	82.3	6.94	2.8	SR12	8/26/2017 16:51	26.40	81.5	6.96	3.5	SR12	8/26/2017 22:51	26.50	87.1	7.48	2.8
SR12	8/26/2017 4:56	27.01	87.2	6.99	2.0	SR12	8/26/2017 10:56	26.43	82.5	6.96	2.1	SR12	8/26/2017 16:56	26.41	81.9	6.97	3.1	SR12	8/26/2017 22:56	26.48	87.0	7.47	2.3
SR12	8/26/2017 5:01	26.79	84.6	6.84	2.6	SR12	8/26/2017 11:01	26.41	82.5	6.99	2.8	SR12	8/26/2017 17:01	26.39	81.7	6.95	3.5	SR12	8/26/2017 23:01	26.53	86.8	7.44	2.8
SR12	8/26/2017 5:06	26.79	85.1	6.87	2.5	SR12	8/26/2017 11:06	26.42	82.9	7.03	2.6	SR12	8/26/2017 17:06	26.36	81.5	6.94	3.0	SR12	8/26/2017 23:06	26.53	86.8	7.44	3.0
SR12	8/26/2017 5:11	26.77	85.0	6.88	1.8	SR12	8/26/2017 11:11	26.41	82.9	7.00	2.3	SR12	8/26/2017 17:11	26.38	81.7	6.96	2.3	SR12	8/26/2017 23:11	26.52	86.8	7.46	2.5
SR12	8/26/2017 5:16	26.78	84.8	6.90	2.2	SR12	8/26/2017 11:16	26.40	82.9	7.04	2.6	SR12	8/26/2017 17:16	26.36	81.6	6.94	3.0	SR12	8/26/2017 23:16	26.53	86.9	7.45	2.6
SR12	8/26/2017 5:21	26.76	84.6	6.89	2.4	SR12	8/26/2017 11:21	26.40	82.6	7.00	3.0	SR12	8/26/2017 17:21	26.39	82.1	7.00	3.7	SR12	8/26/2017 23:21	26.54	86.6	7.45	2.9
SR12	8/26/2017 5:26	26.74	85.0	6.90	1.9	SR12	8/26/2017 11:26	26.40	82.5	6.99	2.2	SR12	8/26/2017 17:26	26.37	82.1	7.00	3.5	SR12	8/26/2017 23:26	26.57	86.6	7.45	3.1
SR12	8/26/2017 5:31	26.73	84.9	6.89	2.4	SR12	8/26/2017 11:31	26.40	82.1	6.95	2.9	SR12	8/26/2017 17:31	26.40	82.4	6.99	3.4	SR12	8/26/2017 23:31	26.54	86.6	7.48	4.0
SR12	8/26/2017 5:36	26.75	85.1	6.95	2.3	SR12	8/26/2017 11:36	26.39	81.7	6.92	2.9	SR12	8/26/2017 17:36	26.39	81.9	7.01	3.1	SR12	8/26/2017 23:36	26.58	86.7	7.46	3.7
SR12	8/26/2017 5:41	26.73	85.3	6.96	2.1	SR12	8/26/2017 11:41	26.39	81.4	6.91	2.2	SR12	8/26/2017 17:41	26.38	82.0	7.00	2.8	SR12	8/26/2017 23:41	26.55	86.6	7.48	3.1
SR12	8/26/2017 5:46	26.76	85.3	6.95	2.5	SR12	8/26/2017 11:46	26.37	81.4	6.91	2.6	SR12	8/26/2017 17:46	26.43	82.1	7.03	3.3	SR12	8/26/2017 23:46	26.54	86.5	7.44	3.7
SR12	8/26/2017 5:51	26.75	85.0	6.94	2.4	SR12	8/26/2017 11:51	26.36	81.1	6.89	2.5	SR12	8/26/2017 17:51	26.41	82.1	7.05	3.2	SR12	8/26/2017 23:51	26.56	86.4	7.46	4.1
SR12	8/26/2017 5:56	26.72	84.7	6.91	2.1	SR12	8/26/2017 11:56	26.37	80.9	6.88	2.0	SR12	8/26/2017 17:56	26.44	82.1	7.05	2.8	SR12	8/26/2017 23:56	26.55	86.4	7.45	3.4

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR13	8/26/2017 0:00	26.35	91.8	7.21	6.3	SR13	8/26/2017 6:00	26.14	88.0	7.33	4.2	SR13	8/26/2017 12:00	25.83	84.4	7.32	5.1	SR13	8/26/2017 18:00	25.73	84.1	7.36	2.9
SR13	8/26/2017 0:05	26.32	91.8	7.25	5.7	SR13	8/26/2017 6:05	26.11	88.0	7.32	3.5	SR13	8/26/2017 12:05	25.81	84.2	7.32	5.1	SR13	8/26/2017 18:05	25.72	84.2	7.39	2.6
SR13	8/26/2017 0:10	26.36	91.9	7.22	5.3	SR13	8/26/2017 6:10	26.15	88.1	7.30	3.7	SR13	8/26/2017 12:10	25.84	84.0	7.31	6.2	SR13	8/26/2017 18:10	25.69	84.3	7.35	2.6
SR13	8/26/2017 0:15	26.37	92.0	7.24	5.3	SR13	8/26/2017 6:15	26.14	87.9	7.33	3.6	SR13	8/26/2017 12:15	25.82	83.9	7.27	5.8	SR13	8/26/2017 18:15	25.70	84.3	7.36	3.1
SR13	8/26/2017 0:20	26.34	92.0	7.23	5.4	SR13	8/26/2017 6:20	26.14	88.1	7.32	4.3	SR13	8/26/2017 12:20	25.79	83.7	7.29	6.7	SR13	8/26/2017 18:20	25.74	84.5	7.38	2.8
SR13	8/26/2017 0:25	26.35	92.1	7.25	5.3	SR13	8/26/2017 6:25	26.10	88.0	7.36	3.0	SR13	8/26/2017 12:25	25.80	83.6	7.26	5.6	SR13	8/26/2017 18:25	25.74	84.5	7.38	2.8
SR13	8/26/2017 0:30	26.37	92.1	7.23	5.9	SR13	8/26/2017 6:30	26.12	88.0	7.34	3.5	SR13	8/26/2017 12:30	25.82	83.5	7.28	6.7	SR13	8/26/2017 18:30	25.73	84.6	7.41	2.8
SR13	8/26/2017 0:35	26.34	92.2	7.28	5.0	SR13	8/26/2017 6:35	26.11	88.0	7.34	3.2	SR13	8/26/2017 12:35	25.80	83.4	7.27	6.4	SR13	8/26/2017 18:35	25.72	84.6	7.37	2.7
SR13	8/26/2017 0:40	26.33	92.2	7.28	4.7	SR13	8/26/2017 6:40	26.08	87.9	7.36	2.8	SR13	8/26/2017 12:40	25.81	83.3	7.25	6.9	SR13	8/26/2017 18:40	25.73	84.7	7.39	2.7
SR13	8/26/2017 0:45	26.37	92.3	7.28	5.3	SR13	8/26/2017 6:45	26.12	88.0	7.35	3.0	SR13	8/26/2017 12:45	25.78	83.1	7.21	7.7	SR13	8/26/2017 18:45	25.77	84.9	7.42	3.0
SR13	8/26/2017 0:50	26.35	92.3	7.27	5.4	SR13	8/26/2017 6:50	26.09	88.0	7.36	2.8	SR13	8/26/2017 12:50	25.78	83.1	7.26	6.8	SR13	8/26/2017 18:50	25.77	84.9	7.44	3.4
SR13	8/26/2017 0:55	26.37	92.4	7.27	5.2	SR13	8/26/2017 6:55	26.08	87.9	7.34	2.9	SR13	8/26/2017 12:55	25.78	83.1	7.27	6.3	SR13	8/26/2017 18:55	25.75	84.6	7.40	2.6
SR13	8/26/2017 1:00	26.35	92.4	7.27	4.7	SR13	8/26/2017 7:00	26.07	87.9	7.37	3.0	SR13	8/26/2017 13:00	25.81	82.9	7.21	6.9	SR13	8/26/2017 19:00	25.78	85.0	7.41	3.4
SR13	8/26/2017 1:05	26.39	92.5	7.30	4.9	SR13	8/26/2017 7:05	26.08	87.9	7.36	2.7	SR13	8/26/2017 13:05	25.80	82.8	7.21	7.2	SR13	8/26/2017 19:05	25.74	85.0	7.42	2.9
SR13	8/26/2017 1:10	26.36	92.5	7.27	5.5	SR13	8/26/2017 7:10	26.09	87.9	7.36	3.0	SR13	8/26/2017 13:10	25.80	82.8	7.19	6.9	SR13	8/26/2017 19:10	25.79	85.0	7.44	3.1
SR13	8/26/2017 1:15	26.39	92.5	7.28	5.2	SR13	8/26/2017 7:15	26.04	87.8	7.36	3.0	SR13	8/26/2017 13:15	25.81	82.7	7.23	7.1	SR13	8/26/2017 19:15	25.74	85.0	7.46	3.1
SR13	8/26/2017 1:20	26.37	92.6	7.30	5.1	SR13	8/26/2017 7:20	26.06	87.8	7.34	2.8	SR13	8/26/2017 13:20	25.78	82.8	7.22	10.2	SR13	8/26/2017 19:20	25.77	85.0	7.46	3.2
SR13	8/26/2017 1:25	26.39	92.6	7.29	4.7	SR13	8/26/2017 7:25	26.08	87.8	7.36	2.9	SR13	8/26/2017 13:25	25.82	82.8	7.22	5.9	SR13	8/26/2017 19:25	25.77	85.0	7.45	4.1
SR13	8/26/2017 1:30	26.36	92.7	7.31	5.5	SR13	8/26/2017 7:30	26.05	87.7	7.36	3.2	SR13	8/26/2017 13:30	25.78	82.7	7.19	6.7	SR13	8/26/2017 19:30	25.75	84.9	7.47	4.0
SR13	8/26/2017 1:35	26.39	92.7	7.27	4.8	SR13	8/26/2017 7:35	26.03	87.7	7.39	3.3	SR13	8/26/2017 13:35	25.77	82.8	7.19	10.5	SR13	8/26/2017 19:35	25.74	84.8	7.47	4.4
SR13	8/26/2017 1:40	26.41	92.7	7.31	6.0	SR13	8/26/2017 7:40	26.01	87.6	7.36	3.4	SR13	8/26/2017 13:40	25.76	82.7	7.23	7.0	SR13	8/26/2017 19:40	25.77	84.7	7.45	4.2
SR13	8/26/2017 1:45	26.42	92.8	7.31	4.4	SR13	8/26/2017 7:45	26.02	87.5	7.36	3.3	SR13	8/26/2017 13:45	25.77	82.8	7.19	6.7	SR13	8/26/2017 19:45	25.77	84.9	7.49	3.8
SR13	8/26/2017 1:50	26.42	92.9	7.31	6.0	SR13	8/26/2017 7:50	26.02	87.3	7.36	3.5	SR13	8/26/2017 13:50	25.79	82.8	7.19	6.3	SR13	8/26/2017 19:50	25.78	84.9	7.49	4.2
SR13	8/26/2017 1:55	26.38	92.9	7.30	4.6	SR13	8/26/2017 7:55	26.00	87.1	7.38	3.4	SR13	8/26/2017 13:55	25.78	83.1	7.24	6.2	SR13	8/26/2017 19:55	25.78	84.9	7.45	3.7
SR13	8/26/2017 2:00	26.40	92.9	7.33	4.5	SR13	8/26/2017 8:00	25.99	87.0	7.35	3.3	SR13	8/26/2017 14:00	25.77	83.1	7.25	5.9	SR13	8/26/2017 20:00	25.77	84.8	7.46	4.8
SR13	8/26/2017 2:05	26.40	93.0	7.31	4.7	SR13	8/26/2017 8:05	25.99	86.8	7.32	3.3	SR13	8/26/2017 14:05	25.79	83.2	7.24	6.0	SR13	8/26/2017 20:05	25.78	84.9	7.49	4.2
SR13	8/26/2017 2:10	26.41	93.0	7.31	4.6	SR13	8/26/2017 8:10	25.97	86.6	7.32	3.3	SR13	8/26/2017 14:10	25.79	83.3	7.26	6.7	SR13	8/26/2017 20:10	25.77	84.9	7.47	4.4
SR13	8/26/2017 2:15	26.42	93.1	7.32	4.6	SR13	8/26/2017 8:15	25.96	86.4	7.33	3.6	SR13	8/26/2017 14:15	25.75	83.3	7.24	6.6	SR13	8/26/2017 20:15	25.78	85.1	7.49	4.3
SR13	8/26/2017 2:20	26.42	93.1	7.31	4.7	SR13	8/26/2017 8:20	25.96	86.2	7.32	3.6	SR13	8/26/2017 14:20	25.76	83.5	7.30	7.0	SR13	8/26/2017 20:20	25.80	85.1	7.46	4.3
SR13	8/26/2017 2:25	26.43	93.1	7.33	5.0	SR13	8/26/2017 8:25	25.93	86.1	7.32	3.6	SR13	8/26/2017 14:25	25.76	83.6	7.31	6.9	SR13	8/26/2017 20:25	25.81	85.0	7.46	5.3
SR13	8/26/2017 2:30	26.45	93.2	7.32	4.9	SR13	8/26/2017 8:30	25.91	86.0	7.32	3.6	SR13	8/26/2017 14:30	25.75	83.6	7.28	6.3	SR13	8/26/2017 20:30	25.79	85.1	7.45	5.6
SR13	8/26/2017 2:35	26.42	93.2	7.35	4.7	SR13	8/26/2017 8:35	25.89	85.9	7.29	4.4	SR13	8/26/2017 14:35	25.77	83.7	7.30	6.3	SR13	8/26/2017 20:35	25.82	85.1	7.46	5.8
SR13	8/26/2017 2:40	26.41	93.2	7.33	4.9	SR13	8/26/2017 8:40	25.93	85.7	7.30	4.1	SR13	8/26/2017 14:40	25.76	83.8	7.34	6.5	SR13	8/26/2017 20:40	25.79	85.2	7.46	5.1
SR13	8/26/2017 2:45	26.42	93.2	7.34	4.8	SR13	8/26/2017 8:45	25.89	85.7	7.29	4.3	SR13	8/26/2017 14:45	25.78	83.8	7.30	6.9	SR13	8/26/2017 20:45	25.84	85.1	7.46	6.4
SR13	8/26/2017 2:50	26.45	93.3	7.33	5.6	SR13	8/26/2017 8:50	25.88	85.6	7.31	4.3	SR13	8/26/2017 14:50	25.77	83.7	7.30	4.1	SR13	8/26/2017 20:50	25.80	85.2	7.46	5.9
SR13	8/26/2017 2:55	26.44	93.4	7.32	5.3	SR13	8/26/2017 8:55	25.88	85.6	7.32	4.4	SR13	8/26/2017 14:55	25.78	83.8	7.31	5.8	SR13	8/26/2017 20:55	25.82	85.3	7.47	3.1
SR13	8/26/2017 3:00	26.44	93.4	7.36	5.6	SR13	8/26/2017 9:00	25.89	85.5	7.33	5.1	SR13	8/26/2017 15:00	25.77	83.8	7.29	4.8	SR13	8/26/2017 21:00	25.83	85.3	7.49	3.1
SR13	8/26/2017 3:05	26.47	93.4	7.34	4.9	SR13	8/26/2017 9:05	25.87	85.4	7.28	4.0	SR13	8/26/2017 15:05	25.74	83.9	7.32	3.7	SR13	8/26/2017 21:05	25.85	85.4	7.49	3.1
SR13	8/26/2017 3:10	26.46	93.5	7.37	4.5	SR13	8/26/2017 9:10	25.89	85.4	7.28	4.0	SR13	8/26/2017 15:10	25.75	84.0	7.33	4.2	SR13	8/26/2017 21:10	25.82	85.1	7.47	3.2
SR13	8/26/2017 3:15	26.49	93.5	7.37	5.0	SR13	8/26/2017 9:15	25.86	85.4	7.30	4.0	SR13	8/26/2017 15:15	25.79	84.0	7.36	3.8	SR13	8/26/2017 21:15	25.83	85.1	7.49	3.2
SR13	8/26/2017 3:20	26.45	93.5	7.34	6.0	SR13	8/26/2017 9:20	25.89	85.3	7.32	3.6	SR13	8/26/2017 15:20	25.74	84.0	7.31	4.6	SR13	8/26/2017 21:20	25.84	85.0	7.49	3.1
SR13	8/26/2017 3:25	26.50	93.5	7.36	5.1	SR13	8/26/2017 9:25	25.84	85.3	7.33	5.5	SR13	8/26/2017 15:25	25.73	84.1	7.34	4.9	SR13	8/26/2017 21:25	25.84	85.1	7.50	3.1
SR13	8/26/2017 3:30	26.51	93.6	7.37	4.8	SR13	8/26/2017 9:30	25.88	85.3	7.30	4.1	SR13	8/26/2017 15:30	25.78	83.9	7.32	4.2	SR13	8/26/2017 21:30	25.82	85.0	7.45	3.0
SR13	8/26/2017 3:35	26.42	92.6	7.33	5.7	SR13	8/26/2017 9:35	25.84	85.3	7.33	4.3	SR13	8/26/2017 15:35	25.74	84.1	7.32	4.3	SR13	8/26/2017 21:35	25.83	84.9	7.47	3.0
SR13	8/26/2017 3:40	26.40	92.5	7.38	5.0	SR13	8/26/2017 9:40	25.82	85.4	7.33	3.9	SR13	8/26/2017 15:40	25.73	84.2	7.36	3.6	SR13	8/26/2017 21:40	25.87	84.9	7.45	2.9
SR13	8/26/2017 3:45	26.41	92.4	7.35	5.3	SR13	8/26/2017 9:45	25.83	85.4	7.36	4.7	SR13	8/26/2017 15:45	25.72	84.2	7.33	3.6	SR13	8/26/2017 21:45	25.88	85.0	7.48	4.1
SR13	8/26/2017 3:50	26.41	91.9	7.31	5.2	SR13	8/26/2017 9:50	25.82	85.4	7.32	5.7	SR13	8/26/2017 15:50	25.73	84.1	7.37	3.6	SR13	8/26/2017 21:50	25.86	84.9	7.45	4.3
SR13	8/26/2017 3:55	26.35	91.7	7.34	5.2	SR13	8/26/2017 9:55	25.84	85.6	7.35	4.0	SR13	8/26/2017 15:55	25.72	83.8	7.34	4.1	SR13	8/26/2017 21:55	25.85	84.9	7.43	3.2
SR13	8/26/2017 4:00	26.33	91.5	7.34	4.9	SR13	8/26/2017 10:00	25.81	85.7	7.36	4.1	SR13	8/26/2017 16:00	25.75	83.8	7.33	4.2	SR13	8/26/2017 22:00	25.89	85.0	7.47	3.0
SR13	8/26/2017 4:05	26.31	91.2	7.36	4.5	SR13	8/26/2017 10:05	25.85	85.9	7.38	4.3	SR13	8/26/2017 16:05	25.70	83.7	7.33	4.2	SR13	8/26/2017 22:05	25.86	85.1	7.45	3.4
SR13	8/26/2017 4:10	26.31	91.3	7.33	4.5	SR13	8/26/2017 10:10	25.85	86.0	7.37	3.9	SR13	8/26/2017 16:10	25.70	83.6	7.30	4.3	SR13	8/26/2017 22:10	25.88	85.2	7.49	3.1
SR13	8/26/2017 4:15	26.32	91.1	7.32	4.9	SR13	8/26/2017 10:15	25.86	86.0	7.40	3.6	SR13	8/26/2017 16:15	25.70	83.5	7.34	3.8	SR13	8/26/2017 22:15	25.88	85.2	7.46	3.0
SR13	8/26/2017 4:20	26.27	90.7	7.32	5.1	SR13	8/26/2017 10:20	25.84	86.0	7.41	4.3	SR13	8/26/2017 16:20	25.70	83.4	7.29	3.4	SR13	8/26/2017 22:20	25.87	85.2	7.46	3.0
SR13	8/26/2017 4:25	26.28	90.5	7.33	4.7	SR13	8/26/2017 10:25	25.83	86.0	7.39	3.9	SR13	8/26/2017 16:25	25.74	83.3	7.31	2.6	SR13	8/26/2017 22:25	25.87	85.2	7.45	3.0
SR13	8/26/2017 4:30	26.26	90.0	7.31	3.9	SR13	8/26/2017 10:30	25.88	86.0	7.40	4.1	SR13	8/26/2017 16:30	25.71	83.4	7.28	2.7	SR13	8/26/2017 22:30	25.90	85.2	7.48	3.2
SR13	8/26/2017 4:35	26.26	89.7	7.25	3.5	SR13	8/26/2017 10:35	25.83	86.0	7.39	4.9	SR13	8/26/2017 16:35	25.68	83.2	7.30	3.2	SR13	8/26/2017 22:35	25.92	85.2	7.48	2.8
SR13	8/26/2017 4:40	26.24	89.7	7.26	3.2	SR13	8/26/2017 10:40	25.87	86.1	7.43	4.3	SR13	8/26/2017 16:40	25.68	83.1	7.27	3.5	SR13	8/26/2017 22:40	25.89	85.3	7.45	2.8
SR13	8/26/2017 4:45	26.22	89.9	7.34	3.6	SR13	8/26/2017 10:45	25.87	86.2	7.44	4.8	SR13	8/26/2017 16:45	25.73	83.1	7.26	3.0	SR13	8/26/2017 22:45	25.92	85.3	7.48	2.7
SR13	8/26/2017 4:50	26.25	89.6	7.32	3.2	SR13	8/26/2017 10:50	25.87	86.5	7.44	5.4	SR13	8/26/2017 16:50	25.70	83.1	7.30	2.7	SR13	8/26/2017 22:50	25.93	85.2	7.46	2.7
SR13	8/26/2017 4:55	26.25	89.5	7.32	3.3	SR13	8/26/2017 10:55	25.89	86.8	7.46	5.5	SR13	8/26/2017 16:55	25.70	83.2	7.27	3.5	SR13	8/26/2017 22:55	25.91	85.3	7.49	2.9
SR13	8/26/2017 5:00	26.22	89.4	7.30	3.5	SR13	8/26/2017 11:00	25.86	86.8	7.50	4.1	SR13	8/26/2017 17:00	25.69	83.0	7.26	2.6	SR13	8/26/2017 23:00	25.90	85.4	7.46	3.2
SR13	8/26/2017 5:05	26.22	89.3	7.29	3.8	SR13	8/26/2017 11:05	25.89	87.3	7.56	3.8	SR13	8/26/2017 17:05	25.67	83.0	7.26	3.2	SR13	8/26/2017 23:05	25.91	85.4	7.48	2.9
SR13	8/26/2017 5:10	26.19	89.4	7.32	3.9	SR13	8/26/2017 11:10	25.88	87.3	7.51	3.7	SR13	8/26/2017 17:10	25.68	83.1	7.27	2.6	SR13	8/26/2017 23:10	25.91	85.4	7.46	3.1
SR13	8/26/2017 5:15	26.21	89.2	7.34	3.9	SR13	8/26/2017 11:15	25.87	87.2	7.55	4.0	SR13	8/26/2017 17:15	25.68	83.2	7.26	2.8	SR13	8/26/2017 23:15	25.93	85.5	7.48	2.9
SR13	8/26/2017 5:20	26.18	88.9	7.33	4.1	SR13	8/26/2017 11:20	25.87	86.9	7.51	4.3	SR13	8/26/2017 17:20	25.69	83.2	7.29	3.0	SR13	8/26/2017 23:20	25.96	85.6	7.46	3.1
SR13	8/26/2017 5:25	26.15	88.7	7.29	4.2	SR13	8/26/2017 11:25	25.87	86.6	7.50	4.9	SR13	8/26/2017 17:25	25.67	83.3	7.30	2.7	SR13	8/26/2017 23:25	25.96	85.6	7.49	3.0
SR13	8/26/2017 5:30	26.13	88.5	7.28	4.0	SR13	8/26/2017 11:30	25.87	86.2	7.45	5.3	SR13	8/26/2017 17:30	25.71	83.4	7.28	2.7	SR13	8/26/2017 23:30	25.97	85.6	7.51	3.2
SR13	8/26/2017 5:35	26.16	88.3	7.31	3.4	SR13	8/26/2017 11:35	25.85	85.7	7.41	5.7	SR13	8/26/2017 17:35	25.72	83.6	7.30	2.8	SR13	8/26/2017 23:35	25.97	85.7	7.50	4.4
SR13	8/26/2017 5:40	26.13	88.3	7.31	4.2	SR13	8/26/2017 11:40	25.85	85.5	7.41	5.3	SR13	8/26/2017 17:40	25.68	83.6	7.30	2.6	SR13	8/26/2017 23:40	25.95	85.8	7.50	3.3
SR13	8/26/2017 5:45	26.16	88.2	7.28	3.9	SR13	8/26/2017 11:45	25.83	85.3	7.39	5.5	SR13	8/26/2017 17:45	25.71	83.7	7.33	2.8	SR13	8/26/2017 23:45	25.98	85.8	7.51	3.2
SR13	8/26/2017 5:50	26.15	88.2	7.30	4.3	SR13	8/26/2017 11:50	25.82	85.0	7.38	6.5	SR13	8/26/2017 17:50	25.69	83.9	7.31	2.8	SR13	8/26/2017 23:50	25.99	85.7	7.50	3.5
SR13	8/26/2017 5:55	26.13	88.1	7.29	4.0	SR13	8/26/2017 11:55	25.83	84.7	7.35	5.8	SR13	8/26/2017 17:55	25.68	83.9	7.34	3.1	SR13	8/26/2017 23:55	25.99	85.8	7.52	3.4

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	8/26/2017 0:17	0.17				SR12	8/26/2017 0:17	0.26			
SR4	8/26/2017 0:37	0.18				SR12	8/26/2017 0:37	0.24			
SR4	8/26/2017 0:57	0.17				SR12	8/26/2017 0:57	0.25			
SR4	8/26/2017 1:17	0.16				SR12	8/26/2017 1:17	0.24			
SR4	8/26/2017 1:37	0.18				SR12	8/26/2017 1:37	0.25			
SR4	8/26/2017 1:57	0.18				SR12	8/26/2017 1:57	0.24			
SR4	8/26/2017 2:17	0.17				SR12	8/26/2017 2:17	0.26			
SR4	8/26/2017 2:37	0.17				SR12	8/26/2017 2:37	0.26			
SR4	8/26/2017 2:57	0.16				SR12	8/26/2017 2:57	0.27			
SR4	8/26/2017 3:17	0.15				SR12	8/26/2017 3:17	0.27			
SR4	8/26/2017 3:37	0.17				SR12	8/26/2017 3:37	0.24			
SR4	8/26/2017 3:57	0.15				SR12	8/26/2017 3:57	0.26			
SR4	8/26/2017 4:17	0.16				SR12	8/26/2017 4:17	0.25			
SR4	8/26/2017 4:37	0.16				SR12	8/26/2017 4:37	0.27			
SR4	8/26/2017 4:57	0.16				SR12	8/26/2017 4:57	0.26			
SR4	8/26/2017 5:17	0.16				SR12	8/26/2017 5:17	0.27			
SR4	8/26/2017 5:37	0.15				SR12	8/26/2017 5:37	0.27			
SR4	8/26/2017 5:57	0.17				SR12	8/26/2017 5:57	0.27			
SR4						SR12					
SR4	8/26/2017 6:37	0.17				SR12	8/26/2017 6:37	0.25			
SR4	8/26/2017 6:57	0.16				SR12	8/26/2017 6:57	0.26			
SR4	8/26/2017 7:17	0.15				SR12	8/26/2017 7:17	0.27			
SR4	8/26/2017 7:37	0.18				SR12	8/26/2017 7:37	0.27			
SR4	8/26/2017 7:57	0.17				SR12	8/26/2017 7:57	0.28			
SR4	8/26/2017 8:17	0.17				SR12	8/26/2017 8:17	0.26			
SR4	8/26/2017 8:37	0.18				SR12	8/26/2017 8:37	0.26			
SR4	8/26/2017 8:57	0.16				SR12	8/26/2017 8:57	0.27			
SR4	8/26/2017 9:17	0.18				SR12	8/26/2017 9:17	0.25			
SR4	8/26/2017 9:37	0.17				SR12	8/26/2017 9:37	0.28			
SR4	8/26/2017 9:57	0.16				SR12	8/26/2017 9:57	0.27			
SR4	8/26/2017 10:17	0.15				SR12	8/26/2017 10:17	0.28			
SR4	8/26/2017 10:37	0.15				SR12	8/26/2017 10:37	0.27			
SR4	8/26/2017 10:57	0.15				SR12	8/26/2017 10:57	0.27			
SR4	8/26/2017 11:17	0.16				SR12	8/26/2017 11:17	0.27			
SR4	8/26/2017 11:37	0.15				SR12	8/26/2017 11:37	0.28			
SR4	8/26/2017 11:57	0.18				SR12	8/26/2017 11:57	0.28			
SR4	8/26/2017 12:17	0.16				SR12	8/26/2017 12:17	0.27			
SR4	8/26/2017 12:37	0.18				SR12	8/26/2017 12:37	0.27			
SR4	8/26/2017 12:57	0.18				SR12	8/26/2017 12:57	0.26			
SR4	8/26/2017 13:17	0.16				SR12	8/26/2017 13:17	0.28			
SR4	8/26/2017 13:37	0.16				SR12	8/26/2017 13:37	0.28			
SR4	8/26/2017 13:57	0.15				SR12	8/26/2017 13:57	0.26			
SR4	8/26/2017 14:17	0.17				SR12	8/26/2017 14:17	0.25			
SR4	8/26/2017 14:37	0.18				SR12	8/26/2017 14:37	0.27			
SR4	8/26/2017 14:57	0.15				SR12	8/26/2017 14:57	0.32			
SR4	8/26/2017 15:17	0.18				SR12	8/26/2017 15:17	0.30			
SR4	8/26/2017 15:37	0.16				SR12	8/26/2017 15:37	0.28			
SR4	8/26/2017 15:57	0.17				SR12	8/26/2017 15:57	0.26			
SR4	8/26/2017 16:17	0.17				SR12	8/26/2017 16:17	0.29			
SR4	8/26/2017 16:37	0.16				SR12	8/26/2017 16:37	0.27			
SR4	8/26/2017 16:57	0.14				SR12	8/26/2017 16:57	0.27			
SR4	8/26/2017 17:17	0.17				SR12	8/26/2017 17:17	0.28			
SR4	8/26/2017 17:37	0.15				SR12	8/26/2017 17:37	0.24			
SR4	8/26/2017 17:57	0.14				SR12	8/26/2017 17:57	0.25			
SR4	8/26/2017 18:17	0.16				SR12	8/26/2017 18:17	0.21			
SR4	8/26/2017 18:37	0.16				SR12	8/26/2017 18:37	0.22			
SR4	8/26/2017 18:57	0.17				SR12	8/26/2017 18:57	0.23			
SR4	8/26/2017 19:17	0.15				SR12	8/26/2017 19:17	0.21			
SR4	8/26/2017 19:37	0.17				SR12	8/26/2017 19:37	0.22			
SR4	8/26/2017 19:57	0.17				SR12	8/26/2017 19:57	0.21			
SR4	8/26/2017 20:17	0.16				SR12	8/26/2017 20:17	0.20			
SR4	8/26/2017 20:37	0.17				SR12	8/26/2017 20:37	0.19			
SR4	8/26/2017 20:57	0.20				SR12	8/26/2017 20:57	0.20			
SR4	8/26/2017 21:17	0.18				SR12	8/26/2017 21:17	0.20			
SR4	8/26/2017 21:37	0.15				SR12	8/26/2017 21:37	0.17			
SR4	8/26/2017 21:57	0.17				SR12	8/26/2017 21:57	0.16			
SR4	8/26/2017 22:17	0.16				SR12	8/26/2017 22:17	0.17			
SR4	8/26/2017 22:37	0.15				SR12	8/26/2017 22:37	0.15			
SR4	8/26/2017 22:57	0.17				SR12	8/26/2017 22:57	0.17			
SR4	8/26/2017 23:17	0.16				SR12	8/26/2017 23:17	0.15			
SR4	8/26/2017 23:37	0.17				SR12	8/26/2017 23:37	0.18			
SR4	8/26/2017 23:57	0.14				SR12	8/26/2017 23:57	0.16			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR4	8/27/2017 0:01	26.53	85.5	7.38	4.5	SR4	8/27/2017 6:01	26.62	82.1	6.99	4.5	SR4	8/27/2017 12:01	26.41	79.5	6.82	4.1	SR4	8/27/2017 18:01	26.47	80.2	7.04	4.2
SR4	8/27/2017 0:06	26.50	85.6	7.36	4.5	SR4	8/27/2017 6:06	26.59	82.3	7.03	4.5	SR4	8/27/2017 12:06	26.42	79.5	6.82	4.1	SR4	8/27/2017 18:06	26.50	80.2	7.07	4.5
SR4	8/27/2017 0:11	26.50	85.5	7.37	4.5	SR4	8/27/2017 6:11	26.61	83.4	7.11	4.4	SR4	8/27/2017 12:11	26.39	79.7	6.85	4.1	SR4	8/27/2017 18:11	26.51	80.2	7.08	4.5
SR4	8/27/2017 0:16	26.53	85.7	7.37	4.6	SR4	8/27/2017 6:16	26.60	83.5	7.12	4.5	SR4	8/27/2017 12:16	26.40	79.9	6.87	4.2	SR4	8/27/2017 18:16	26.49	80.2	7.07	4.4
SR4	8/27/2017 0:21	26.54	85.7	7.40	4.7	SR4	8/27/2017 6:21	26.59	83.5	7.13	4.5	SR4	8/27/2017 12:21	26.40	79.9	6.84	4.4	SR4	8/27/2017 18:21	26.31	81.8	7.04	4.4
SR4	8/27/2017 0:26	26.53	85.8	7.41	4.7	SR4	8/27/2017 6:26	26.59	83.5	7.14	4.5	SR4	8/27/2017 12:26	26.41	79.8	6.83	4.2	SR4	8/27/2017 18:26	26.31	81.7	7.01	4.4
SR4	8/27/2017 0:31	26.54	85.8	7.42	4.6	SR4	8/27/2017 6:31	26.59	83.4	7.10	4.5	SR4	8/27/2017 12:31	26.39	79.9	6.88	4.3	SR4	8/27/2017 18:31	26.30	82.1	7.04	4.3
SR4	8/27/2017 0:36	26.52	85.7	7.43	4.6	SR4	8/27/2017 6:36	26.59	83.6	7.12	4.5	SR4	8/27/2017 12:36	26.37	79.8	6.85	4.2	SR4	8/27/2017 18:36	26.31	82.1	7.05	4.4
SR4	8/27/2017 0:41	26.55	85.8	7.41	4.6	SR4	8/27/2017 6:41	26.57	83.4	7.11	4.5	SR4	8/27/2017 12:41	26.39	79.7	6.83	4.2	SR4	8/27/2017 18:41	26.30	82.4	7.06	4.3
SR4	8/27/2017 0:46	26.58	85.9	7.43	4.5	SR4	8/27/2017 6:46	26.60	83.6	7.15	4.5	SR4	8/27/2017 12:46	26.37	79.9	6.85	4.3	SR4	8/27/2017 18:46	26.29	82.3	7.07	4.4
SR4	8/27/2017 0:51	26.58	85.8	7.41	4.6	SR4	8/27/2017 6:51	26.57	82.7	7.08	4.4	SR4	8/27/2017 12:51	26.34	79.8	6.85	4.2	SR4	8/27/2017 18:51	26.29	82.0	7.05	4.5
SR4	8/27/2017 0:56	26.57	85.9	7.41	4.6	SR4	8/27/2017 6:56	26.58	82.6	7.06	4.5	SR4	8/27/2017 12:56	26.36	79.7	6.84	4.4	SR4	8/27/2017 18:56	26.26	81.8	7.00	4.4
SR4	8/27/2017 1:01	26.61	85.9	7.44	4.5	SR4	8/27/2017 7:01	26.58	82.7	7.05	4.4	SR4	8/27/2017 13:01	26.37	79.9	6.86	4.3	SR4	8/27/2017 19:01	26.28	81.8	7.03	4.3
SR4	8/27/2017 1:06	26.63	85.9	7.41	4.5	SR4	8/27/2017 7:06	26.57	83.2	7.10	4.4	SR4	8/27/2017 13:06	26.36	79.5	6.81	4.3	SR4	8/27/2017 19:06	26.28	82.5	7.07	4.4
SR4	8/27/2017 1:11	26.61	86.0	7.44	4.6	SR4	8/27/2017 7:11	26.57	83.2	7.12	4.5	SR4	8/27/2017 13:11	26.33	78.9	6.78	4.3	SR4	8/27/2017 19:11	26.28	82.6	7.08	4.3
SR4	8/27/2017 1:16	26.64	85.9	7.41	4.6	SR4	8/27/2017 7:16	26.59	83.3	7.12	4.4	SR4	8/27/2017 13:16	26.36	79.6	6.88	4.4	SR4	8/27/2017 19:16	26.28	82.6	7.10	4.3
SR4	8/27/2017 1:21	26.65	86.0	7.45	4.6	SR4	8/27/2017 7:21	26.55	83.4	7.11	4.3	SR4	8/27/2017 13:21	26.39	79.6	6.88	4.4	SR4	8/27/2017 19:21	26.25	82.5	7.09	4.3
SR4	8/27/2017 1:26	26.66	86.0	7.46	4.8	SR4	8/27/2017 7:26	26.56	83.3	7.13	4.3	SR4	8/27/2017 13:26	26.42	79.6	6.87	4.5	SR4	8/27/2017 19:26	26.26	82.4	7.06	4.3
SR4	8/27/2017 1:31	26.64	86.0	7.42	4.6	SR4	8/27/2017 7:31	26.54	83.4	7.11	4.3	SR4	8/27/2017 13:31	26.39	79.5	6.84	4.3	SR4	8/27/2017 19:31	26.29	82.3	7.06	4.3
SR4	8/27/2017 1:36	26.67	86.0	7.46	4.6	SR4	8/27/2017 7:36	26.55	83.5	7.12	4.3	SR4	8/27/2017 13:36	26.38	79.4	6.89	4.3	SR4	8/27/2017 19:36	26.27	82.3	7.07	4.3
SR4	8/27/2017 1:41	26.66	85.0	7.25	4.6	SR4	8/27/2017 7:41	26.54	83.5	7.11	4.3	SR4	8/27/2017 13:41	26.39	79.5	6.90	4.3	SR4	8/27/2017 19:41	26.28	82.5	7.10	4.3
SR4	8/27/2017 1:46	26.64	84.9	7.23	4.6	SR4	8/27/2017 7:46	26.55	83.3	7.09	4.1	SR4	8/27/2017 13:46	26.43	79.5	6.89	4.3	SR4	8/27/2017 19:46	26.30	82.7	7.12	4.2
SR4	8/27/2017 1:51	26.65	84.6	7.21	4.6	SR4	8/27/2017 7:51	26.54	83.1	7.08	4.1	SR4	8/27/2017 13:51	26.40	79.4	6.89	4.2	SR4	8/27/2017 19:51	26.30	82.3	7.08	4.2
SR4	8/27/2017 1:56	26.61	83.7	7.14	4.5	SR4	8/27/2017 7:56	26.54	82.9	7.05	4.1	SR4	8/27/2017 13:56	26.41	79.4	6.88	4.6	SR4	8/27/2017 19:56	26.28	82.1	7.04	4.4
SR4	8/27/2017 2:01	26.63	83.8	7.17	4.5	SR4	8/27/2017 8:01	26.52	82.8	7.06	4.4	SR4	8/27/2017 14:01	26.44	79.4	6.89	4.3	SR4	8/27/2017 20:01	26.31	82.2	7.08	4.0
SR4	8/27/2017 2:06	26.61	83.5	7.12	4.5	SR4	8/27/2017 8:06	26.50	82.8	7.08	4.2	SR4	8/27/2017 14:06	26.41	79.3	6.87	4.2	SR4	8/27/2017 20:06	26.31	82.4	7.10	4.0
SR4	8/27/2017 2:11	26.61	83.4	7.11	4.6	SR4	8/27/2017 8:11	26.50	82.9	7.09	4.1	SR4	8/27/2017 14:11	26.42	79.3	6.90	4.2	SR4	8/27/2017 20:11	26.29	82.0	7.04	4.1
SR4	8/27/2017 2:16	26.60	83.1	7.10	4.5	SR4	8/27/2017 8:16	26.48	82.6	7.05	4.1	SR4	8/27/2017 14:16	26.40	79.3	6.92	4.3	SR4	8/27/2017 20:16	26.30	81.7	7.00	4.1
SR4	8/27/2017 2:21	26.59	83.0	7.11	4.5	SR4	8/27/2017 8:21	26.47	82.6	7.05	4.1	SR4	8/27/2017 14:21	26.44	79.3	6.88	4.3	SR4	8/27/2017 20:21	26.27	82.1	7.07	4.0
SR4	8/27/2017 2:26	26.55	82.1	7.05	4.5	SR4	8/27/2017 8:26	26.50	82.6	7.04	4.2	SR4	8/27/2017 14:26	26.45	79.4	6.89	4.2	SR4	8/27/2017 20:26	26.28	81.9	7.06	4.1
SR4	8/27/2017 2:31	26.54	82.1	7.03	4.5	SR4	8/27/2017 8:31	26.49	82.5	7.04	4.2	SR4	8/27/2017 14:31	26.42	79.3	6.92	4.2	SR4	8/27/2017 20:31	26.27	81.6	7.02	4.1
SR4	8/27/2017 2:36	26.53	81.8	7.02	4.4	SR4	8/27/2017 8:36	26.49	81.9	7.02	4.2	SR4	8/27/2017 14:36	26.43	79.2	6.90	4.2	SR4	8/27/2017 20:36	26.29	81.6	7.00	4.1
SR4	8/27/2017 2:41	26.55	81.8	7.03	4.5	SR4	8/27/2017 8:41	26.48	81.8	6.98	4.1	SR4	8/27/2017 14:41	26.43	79.2	6.92	4.2	SR4	8/27/2017 20:41	26.29	81.4	7.00	4.1
SR4	8/27/2017 2:46	26.52	82.0	7.02	4.5	SR4	8/27/2017 8:46	26.47	81.6	6.96	4.1	SR4	8/27/2017 14:46	26.43	79.2	6.92	4.2	SR4	8/27/2017 20:46	26.25	81.3	6.98	4.1
SR4	8/27/2017 2:51	26.55	82.5	7.07	4.5	SR4	8/27/2017 8:51	26.46	81.7	6.99	4.2	SR4	8/27/2017 14:51	26.42	79.2	6.89	4.2	SR4	8/27/2017 20:51	26.29	81.4	7.00	4.1
SR4	8/27/2017 2:56	26.53	82.2	7.02	4.4	SR4	8/27/2017 8:56	26.51	82.0	7.03	4.2	SR4	8/27/2017 14:56	26.44	79.2	6.89	4.2	SR4	8/27/2017 20:56	26.24	80.5	6.94	4.1
SR4	8/27/2017 3:01	26.56	83.1	7.11	4.4	SR4	8/27/2017 9:01	26.49	81.9	7.01	4.2	SR4	8/27/2017 15:01	26.42	79.1	6.90	4.2	SR4	8/27/2017 21:01	26.26	80.4	6.92	4.1
SR4	8/27/2017 3:06	26.59	84.0	7.19	4.4	SR4	8/27/2017 9:06	26.51	81.9	7.02	4.6	SR4	8/27/2017 15:06	26.41	79.2	6.93	4.2	SR4	8/27/2017 21:06	26.25	80.4	6.92	4.1
SR4	8/27/2017 3:11	26.59	83.6	7.13	4.4	SR4	8/27/2017 9:11	26.50	82.0	7.02	4.3	SR4	8/27/2017 15:11	26.41	79.3	6.92	4.2	SR4	8/27/2017 21:11	26.27	80.8	7.00	4.2
SR4	8/27/2017 3:16	26.64	84.3	7.20	4.4	SR4	8/27/2017 9:16	26.51	82.0	7.03	4.3	SR4	8/27/2017 15:16	26.42	79.3	6.92	4.2	SR4	8/27/2017 21:16	26.31	80.8	6.96	4.1
SR4	8/27/2017 3:21	26.59	83.6	7.13	4.5	SR4	8/27/2017 9:21	26.51	82.1	7.06	4.3	SR4	8/27/2017 15:21	26.41	79.3	6.94	4.2	SR4	8/27/2017 21:21	26.29	80.7	6.97	4.1
SR4	8/27/2017 3:26	26.62	83.1	7.11	4.4	SR4	8/27/2017 9:26	26.52	82.1	7.08	4.3	SR4	8/27/2017 15:26	26.44	79.3	6.94	4.2	SR4	8/27/2017 21:26	26.28	80.7	6.97	4.1
SR4	8/27/2017 3:31	26.64	83.0	7.08	4.3	SR4	8/27/2017 9:31	26.55	82.1	7.04	4.3	SR4	8/27/2017 15:31	26.44	79.3	6.93	4.1	SR4	8/27/2017 21:31	26.28	80.8	6.99	4.1
SR4	8/27/2017 3:36	26.64	82.9	7.09	4.3	SR4	8/27/2017 9:36	26.57	82.2	7.09	3.8	SR4	8/27/2017 15:36	26.44	79.3	6.94	4.1	SR4	8/27/2017 21:36	26.29	80.9	7.00	4.1
SR4	8/27/2017 3:41	26.62	82.6	7.05	4.3	SR4	8/27/2017 9:41	26.56	82.2	7.10	3.8	SR4	8/27/2017 15:41	26.45	79.3	6.92	4.1	SR4	8/27/2017 21:41	26.32	80.9	7.02	4.1
SR4	8/27/2017 3:46	26.65	83.2	7.11	4.3	SR4	8/27/2017 9:46	26.54	82.2	7.07	3.8	SR4	8/27/2017 15:46	26.45	79.3	6.97	4.1	SR4	8/27/2017 21:46	26.33	80.9	7.01	4.2
SR4	8/27/2017 3:51	26.63	83.1	7.12	4.3	SR4	8/27/2017 9:51	26.58	82.2	7.12	3.9	SR4	8/27/2017 15:51	26.47	79.4	6.95	4.2	SR4	8/27/2017 21:51	26.32	81.0	7.05	4.1
SR4	8/27/2017 3:56	26.66	83.1	7.10	4.3	SR4	8/27/2017 9:56	26.56	82.3	7.09	4.0	SR4	8/27/2017 15:56	26.47	79.4	6.96	4.2	SR4	8/27/2017 21:56	26.35	81.1	7.02	4.1
SR4	8/27/2017 4:01	26.66	83.0	7.10	4.3	SR4	8/27/2017 10:01	26.56	82.2	7.13	3.9	SR4	8/27/2017 16:01	26.47	79.4	6.93	4.2	SR4	8/27/2017 22:01	26.32	81.1	7.03	4.1
SR4	8/27/2017 4:06	26.66	83.1	7.13	4.3	SR4	8/27/2017 10:06	26.60	82.2	7.09	4.0	SR4	8/27/2017 16:06	26.48	79.5	6.97	4.3	SR4	8/27/2017 22:06	26.35	81.1	7.04	4.1
SR4	8/27/2017 4:11	26.65	83.2	7.13	4.3	SR4	8/27/2017 10:11	26.60	82.3	7.11	4.1	SR4	8/27/2017 16:11	26.49	79.5	6.97	4.2	SR4	8/27/2017 22:11	26.37	81.1	7.07	4.1
SR4	8/27/2017 4:16	26.66	83.2	7.15	4.4	SR4	8/27/2017 10:16	26.60	82.3	7.10	4.1	SR4	8/27/2017 16:16	26.50	79.5	6.99	4.2	SR4	8/27/2017 22:16	26.34	81.1	7.06	4.1
SR4	8/27/2017 4:21	26.66	83.2	7.15	4.4	SR4	8/27/2017 10:21	26.59	82.2	7.14	4.1	SR4	8/27/2017 16:21	26.51	79.5	6.97	4.2	SR4	8/27/2017 22:21	26.38	81.2	7.07	4.2
SR4	8/27/2017 4:26	26.69	83.2	7.17	4.4	SR4	8/27/2017 10:26	26.58	82.2	7.10	4.1	SR4	8/27/2017 16:26	26.48	79.5	6.95	4.2	SR4	8/27/2017 22:26	26.37	81.2	7.08	4.2
SR4	8/27/2017 4:31	26.70	83.2	7.14	4.4	SR4	8/27/2017 10:31	26.61	82.1	7.09	4.0	SR4	8/27/2017 16:31	26.49	79.6	7.01	4.3	SR4	8/27/2017 22:31	26.37	81.2	7.07	4.1
SR4	8/27/2017 4:36	26.71	83.2	7.17	4.4	SR4	8/27/2017 10:36	26.63	82.1	7.10	4.5	SR4	8/27/2017 16:36	26.48	79.6	6.97	4.3	SR4	8/27/2017 22:36	26.37	81.3	7.11	4.2
SR4	8/27/2017 4:41	26.71	83.2	7.15	4.3	SR4	8/27/2017 10:41	26.63	82.0	7.11	4.3	SR4	8/27/2017 16:41	26.48	79.6	6.99	4.2	SR4	8/27/2017 22:41	26.40	81.2	7.07	4.1
SR4	8/27/2017 4:46	26.68	83.2	7.19	4.3	SR4	8/27/2017 10:46	26.62	82.0	7.09	4.3	SR4	8/27/2017 16:46	26.47	79.7	6.98	4.3	SR4	8/27/2017 22:46	26.41	81.3	7.12	3.2
SR4	8/27/2017 4:51	26.69	83.1	7.17	4.4	SR4	8/27/2017 10:51	26.60	82.0	7.12	4.2	SR4	8/27/2017 16:51	26.46	79.7	6.98	4.3	SR4	8/27/2017 22:51	26.42	81.4	7.10	3.2
SR4	8/27/2017 4:56	26.74	83.1	7.16	4.4	SR4	8/27/2017 10:56	26.44	79.7	6.83	4.4	SR4	8/27/2017 16:56	26.50	79.7	6.99	4.3	SR4	8/27/2017 22:56	26.43	81.4	7.10	3.2
SR4	8/27/2017 5:01	26.73	83.1	7.19	4.3	SR4	8/27/2017 11:01	26.41	79.6	6.84	4.6	SR4	8/27/2017 17:01	26.48	79.8	6.99	4.3	SR4	8/27/2017 23:01	26.43	81.4	7.10	3.2
SR4	8/27/2017 5:06	26.73	83.1	7.17	4.4	SR4	8/27/2017 11:06	26.43	79.5	6.83	4.4	SR4	8/27/2017 17:06	26.47	79.8	7.03	4.3	SR4	8/27/2017 23:06	26.40	81.5	7.09	3.3
SR4	8/27/2017 5:11	26.71	83.1	7.20	4.3	SR4	8/27/2017 11:11	26.39	79.4	6.80	4.5	SR4	8/27/2017 17:11	26.46	79.8	7.00	4.2	SR4	8/27/2017 23:11	26.41	81.5	7.15	3.2
SR4	8/27/2017 5:16	26.71	83.1	7.19	4.3	SR4	8/27/2017 11:16	26.40	79.3	6.79	4.4	SR4	8/27/2017 17:16	26.46	79.8	7.04	4.4	SR4	8/27/2017 23:16	26.40	81.5	7.10	3.1
SR4	8/27/2017 5:21	26.72	83.1	7.20	4.3	SR4	8/27/2017 11:21	26.42	79.0	6.80	4.4	SR4	8/27/2017 17:21	26.50	79.9	7.01	4.2	SR4	8/27/2017 23:21	26.44	81.6	7.12	3.2
SR4	8/27/2017 5:26	26.63	82.3	7.02	4.3	SR4	8/27/2017 11:26	26.39	78.8	6.77	4.4	SR4	8/27/2017 17:26	26.48	79.9	7.00	4.3	SR4	8/27/2017 23:26	26.44	81.6	7.12	3.2
SR4	8/27/2017 5:31	26.64	82.2	7.04	4.4	SR4	8/27/2017 11:31	26.38	78.7	6.75	4.4	SR4	8/27/2017 17:31	26.47	80.0	7.06	4.3	SR4	8/27/2017 23:31	26.45	81.7	7.13	3.2
SR4	8/27/2017 5:36	26.64	82.3	7.01	4.4	SR4	8/27/2017 11:36	26.39	78.6	6.73	4.4	SR4	8/27/2017 17:36	26.50	80.0	7.04	4.2	SR4	8/27/2017 23:36	26.42	81.6	7.15	3.2
SR4	8/27/2017 5:41	26.61	82.2	7.00	4.4	SR4	8/27/2017 11:41	26.40	78.7	6.75	3.9	SR4	8/27/2017 17:41	26.46	80.0	7.03	4.3	SR4	8/27/2017 23:41	26.43	81.6	7.14	3.2
SR4	8/27/2017 5:46	26.61	82.2	7.01	4.4	SR4	8/27/2017 11:46	26.40	78.8	6.75	3.8	SR4	8/27/2017 17:46	26.49	80.0	7.06	4.3	SR4	8/27/2017 23:46	26.42	81.7	7.12	3.1
SR4	8/27/2017 5:51	26.61	82.0	7.01	4.4	SR4	8/27/2017 11:51	26.39	79.0	6.80	3.8	SR4	8/27/2017 17:51	26.47	80.1	7.05	4.2	SR4	8/27/2017 23:51	26.45	81.7	7.13	3.2
SR4	8/27/2017 5:56	26.63	82.1	7.02	4.4	SR4	8/27/2017 11:56	26.37	79.5	6.80	3.9	SR4	8/27/2017 17:56	26.50	80.1	7.06	4.2	SR4	8/27/2017 23:56	26.42	81.7	7.13	3.2

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR5	8/27/2017 0:00	27.01	84.3	6.99	2.5	SR5	8/27/2017 6:00	27.24	80.0	6.61	2.1	SR5	8/27/2017 12:00	26.96	76.9	6.41	2.3	SR5	8/27/2017 18:00	26.98	81.4	6.76	3.5
SR5	8/27/2017 0:05	27.06	85.1	7.04	2.5	SR5	8/27/2017 6:05	27.21	80.3	6.66	2.1	SR5	8/27/2017 12:05	26.97	76.7	6.39	2.7	SR5	8/27/2017 18:05	26.99	81.6	6.79	3.2
SR5	8/27/2017 0:10	27.11	85.9	7.11	2.5	SR5	8/27/2017 6:10	27.23	82.6	6.83	2.4	SR5	8/27/2017 12:10	26.95	76.9	6.42	2.4	SR5	8/27/2017 18:10	26.97	81.1	6.76	2.3
SR5	8/27/2017 0:15	27.17	87.0	7.17	2.8	SR5	8/27/2017 6:15	27.22	82.7	6.84	2.2	SR5	8/27/2017 12:15	26.96	77.4	6.46	2.4	SR5	8/27/2017 18:15	26.96	80.8	6.72	2.1
SR5	8/27/2017 0:20	27.24	87.7	7.22	2.5	SR5	8/27/2017 6:20	27.22	82.8	6.85	2.1	SR5	8/27/2017 12:20	26.96	77.6	6.46	3.0	SR5	8/27/2017 18:20	26.95	81.4	6.78	2.7
SR5	8/27/2017 0:25	27.21	87.0	7.18	2.2	SR5	8/27/2017 6:25	27.22	82.7	6.85	2.2	SR5	8/27/2017 12:25	26.97	77.6	6.45	2.6	SR5	8/27/2017 18:25	26.95	81.3	6.75	6.6
SR5	8/27/2017 0:30	27.19	86.6	7.15	2.4	SR5	8/27/2017 6:30	27.22	82.4	6.81	2.2	SR5	8/27/2017 12:30	26.95	77.7	6.49	2.5	SR5	8/27/2017 18:30	26.94	82.0	6.81	8.9
SR5	8/27/2017 0:35	27.09	83.6	6.92	2.7	SR5	8/27/2017 6:35	27.21	82.7	6.83	2.1	SR5	8/27/2017 12:35	26.94	77.6	6.47	2.8	SR5	8/27/2017 18:35	26.94	82.1	6.83	2.6
SR5	8/27/2017 0:40	27.12	85.1	7.05	2.5	SR5	8/27/2017 6:40	27.19	82.5	6.82	2.0	SR5	8/27/2017 12:40	26.94	77.4	6.45	2.7	SR5	8/27/2017 18:40	26.93	82.6	6.86	2.6
SR5	8/27/2017 0:45	27.18	86.4	7.13	2.9	SR5	8/27/2017 6:45	27.21	82.6	6.85	1.9	SR5	8/27/2017 12:45	26.91	77.9	6.49	2.8	SR5	8/27/2017 18:45	26.93	82.5	6.86	4.2
SR5	8/27/2017 0:50	27.15	85.3	7.07	2.6	SR5	8/27/2017 6:50	27.19	80.9	6.71	2.0	SR5	8/27/2017 12:50	26.89	77.8	6.49	2.0	SR5	8/27/2017 18:50	26.93	82.1	6.83	2.5
SR5	8/27/2017 0:55	27.19	86.1	7.12	2.3	SR5	8/27/2017 6:55	27.20	80.5	6.68	2.3	SR5	8/27/2017 12:55	26.90	77.7	6.48	1.8	SR5	8/27/2017 18:55	26.91	81.8	6.79	2.5
SR5	8/27/2017 1:00	27.18	85.8	7.08	3.4	SR5	8/27/2017 7:00	27.20	80.7	6.68	3.2	SR5	8/27/2017 13:00	26.90	77.9	6.50	2.1	SR5	8/27/2017 19:00	26.92	81.8	6.81	11.6
SR5	8/27/2017 1:05	27.23	87.4	7.22	2.3	SR5	8/27/2017 7:05	27.18	81.5	6.75	2.6	SR5	8/27/2017 13:05	26.88	77.3	6.44	2.1	SR5	8/27/2017 19:05	26.92	83.3	6.91	2.7
SR5	8/27/2017 1:10	27.26	87.7	7.23	2.5	SR5	8/27/2017 7:10	27.18	81.6	6.77	1.9	SR5	8/27/2017 13:10	26.85	76.2	6.36	2.0	SR5	8/27/2017 19:10	26.92	83.6	6.93	2.3
SR5	8/27/2017 1:15	27.28	87.0	7.17	3.0	SR5	8/27/2017 7:15	27.19	81.8	6.78	2.1	SR5	8/27/2017 13:15	26.86	77.1	6.44	2.3	SR5	8/27/2017 19:15	26.92	83.5	6.94	2.6
SR5	8/27/2017 1:20	27.28	87.4	7.19	2.8	SR5	8/27/2017 7:20	27.16	82.0	6.78	2.0	SR5	8/27/2017 13:20	26.86	76.8	6.42	2.2	SR5	8/27/2017 19:20	26.90	83.1	6.91	2.6
SR5	8/27/2017 1:25	27.31	87.5	7.19	2.8	SR5	8/27/2017 7:25	27.17	81.7	6.78	1.9	SR5	8/27/2017 13:25	26.86	77.3	6.46	1.8	SR5	8/27/2017 19:25	26.91	83.0	6.89	2.3
SR5	8/27/2017 1:30	27.28	87.0	7.17	3.2	SR5	8/27/2017 7:30	27.15	82.0	6.78	2.4	SR5	8/27/2017 13:30	26.84	76.5	6.39	2.0	SR5	8/27/2017 19:30	26.92	82.9	6.88	2.4
SR5	8/27/2017 1:35	27.27	84.9	7.02	2.5	SR5	8/27/2017 7:35	27.16	82.0	6.79	2.0	SR5	8/27/2017 13:35	26.85	75.9	6.35	1.9	SR5	8/27/2017 19:35	26.91	82.8	6.89	2.6
SR5	8/27/2017 1:40	27.28	85.0	7.03	2.7	SR5	8/27/2017 7:40	27.15	82.1	6.78	2.3	SR5	8/27/2017 13:40	26.81	75.1	6.30	2.0	SR5	8/27/2017 19:40	26.91	83.1	6.92	3.2
SR5	8/27/2017 1:45	27.27	84.9	7.01	2.5	SR5	8/27/2017 7:45	27.16	81.8	6.76	3.5	SR5	8/27/2017 13:45	26.78	75.6	6.34	1.9	SR5	8/27/2017 19:45	26.92	83.6	6.96	2.5
SR5	8/27/2017 1:50	27.26	84.3	6.97	2.8	SR5	8/27/2017 7:50	27.15	81.5	6.74	2.0	SR5	8/27/2017 13:50	26.78	75.1	6.29	1.8	SR5	8/27/2017 19:50	26.92	82.8	6.89	2.7
SR5	8/27/2017 1:55	27.22	83.1	6.87	2.6	SR5	8/27/2017 7:55	27.15	81.3	6.71	2.2	SR5	8/27/2017 13:55	26.79	75.2	6.31	2.1	SR5	8/27/2017 19:55	26.90	82.5	6.85	2.7
SR5	8/27/2017 2:00	27.23	82.9	6.87	2.1	SR5	8/27/2017 8:00	27.13	81.2	6.72	2.2	SR5	8/27/2017 14:00	26.76	74.4	6.23	1.7	SR5	8/27/2017 20:00	26.92	82.6	6.88	2.6
SR5	8/27/2017 2:05	27.20	82.3	6.81	2.4	SR5	8/27/2017 8:05	27.10	81.3	6.74	1.9	SR5	8/27/2017 14:05	26.75	74.5	6.25	2.2	SR5	8/27/2017 20:05	26.92	83.0	6.91	2.9
SR5	8/27/2017 2:10	27.22	82.1	6.79	2.5	SR5	8/27/2017 8:10	27.11	81.7	6.77	3.2	SR5	8/27/2017 14:10	26.76	74.3	6.23	2.0	SR5	8/27/2017 20:10	26.90	82.1	6.83	2.4
SR5	8/27/2017 2:15	27.22	81.6	6.76	2.6	SR5	8/27/2017 8:15	27.08	81.1	6.72	1.9	SR5	8/27/2017 14:15	26.76	74.4	6.23	2.0	SR5	8/27/2017 20:15	26.89	81.6	6.78	2.5
SR5	8/27/2017 2:20	27.21	81.5	6.76	2.3	SR5	8/27/2017 8:20	27.07	81.2	6.72	2.2	SR5	8/27/2017 14:20	26.83	77.6	6.48	2.4	SR5	8/27/2017 20:20	26.87	82.4	6.87	2.6
SR5	8/27/2017 2:25	27.14	79.7	6.64	2.0	SR5	8/27/2017 8:25	27.09	81.2	6.72	2.4	SR5	8/27/2017 14:25	26.85	78.9	6.58	2.5	SR5	8/27/2017 20:25	26.87	82.0	6.84	2.9
SR5	8/27/2017 2:30	27.11	79.5	6.61	2.0	SR5	8/27/2017 8:30	27.09	81.0	6.71	2.2	SR5	8/27/2017 14:30	26.82	75.0	6.29	2.4	SR5	8/27/2017 20:30	26.86	81.5	6.79	2.5
SR5	8/27/2017 2:35	27.10	78.8	6.56	2.0	SR5	8/27/2017 8:35	27.06	79.8	6.64	2.2	SR5	8/27/2017 14:35	26.80	75.0	6.29	2.5	SR5	8/27/2017 20:35	26.88	81.5	6.78	2.8
SR5	8/27/2017 2:40	27.10	78.6	6.56	1.9	SR5	8/27/2017 8:40	27.05	79.7	6.61	1.9	SR5	8/27/2017 14:40	26.77	74.9	6.28	2.5	SR5	8/27/2017 20:40	26.88	81.1	6.76	2.3
SR5	8/27/2017 2:45	27.06	78.8	6.56	1.7	SR5	8/27/2017 8:45	27.02	79.2	6.57	2.5	SR5	8/27/2017 14:45	26.78	75.0	6.27	2.1	SR5	8/27/2017 20:45	26.85	81.1	6.75	2.4
SR5	8/27/2017 2:50	27.09	79.7	6.63	2.0	SR5	8/27/2017 8:50	27.01	79.5	6.61	2.4	SR5	8/27/2017 14:50	26.80	75.5	6.33	2.7	SR5	8/27/2017 20:50	26.87	81.2	6.77	2.3
SR5	8/27/2017 2:55	27.08	78.8	6.55	1.9	SR5	8/27/2017 8:55	27.05	80.4	6.68	2.4	SR5	8/27/2017 14:55	26.79	75.7	6.34	2.6	SR5	8/27/2017 20:55	26.81	79.5	6.64	2.3
SR5	8/27/2017 3:00	27.12	80.6	6.70	1.6	SR5	8/27/2017 9:00	27.03	80.4	6.67	2.2	SR5	8/27/2017 15:00	26.80	75.7	6.35	2.5	SR5	8/27/2017 21:00	26.83	79.4	6.63	2.3
SR5	8/27/2017 3:05	27.18	82.5	6.84	1.9	SR5	8/27/2017 9:05	27.03	80.0	6.64	2.1	SR5	8/27/2017 15:05	26.90	78.9	6.57	2.7	SR5	8/27/2017 21:05	26.83	79.7	6.64	2.1
SR5	8/27/2017 3:10	27.18	81.7	6.77	2.0	SR5	8/27/2017 9:10	27.04	80.8	6.71	4.4	SR5	8/27/2017 15:10	26.90	79.2	6.59	2.8	SR5	8/27/2017 21:10	26.83	79.7	6.65	2.0
SR5	8/27/2017 3:15	27.25	83.2	6.89	1.7	SR5	8/27/2017 9:15	27.05	80.8	6.71	2.7	SR5	8/27/2017 15:15	26.90	78.5	6.54	2.4	SR5	8/27/2017 21:15	26.82	79.8	6.65	2.1
SR5	8/27/2017 3:20	27.21	81.8	6.77	1.7	SR5	8/27/2017 9:20	27.06	80.9	6.70	3.0	SR5	8/27/2017 15:20	26.90	78.6	6.55	2.4	SR5	8/27/2017 21:20	26.81	79.7	6.66	2.2
SR5	8/27/2017 3:25	27.22	80.8	6.70	1.8	SR5	8/27/2017 9:25	27.06	80.9	6.71	2.0	SR5	8/27/2017 15:25	26.95	78.7	6.55	2.5	SR5	8/27/2017 21:25	26.83	80.0	6.67	2.1
SR5	8/27/2017 3:30	27.24	80.6	6.67	1.6	SR5	8/27/2017 9:30	27.06	80.9	6.71	2.1	SR5	8/27/2017 15:30	26.92	77.6	6.47	2.7	SR5	8/27/2017 21:30	26.85	80.5	6.71	2.4
SR5	8/27/2017 3:35	27.25	80.3	6.66	1.9	SR5	8/27/2017 9:35	27.06	80.9	6.73	2.2	SR5	8/27/2017 15:35	26.93	77.6	6.46	2.9	SR5	8/27/2017 21:35	26.85	80.4	6.70	2.0
SR5	8/27/2017 3:40	27.24	79.9	6.62	2.0	SR5	8/27/2017 9:40	27.05	81.0	6.73	2.5	SR5	8/27/2017 15:40	26.95	77.8	6.48	3.7	SR5	8/27/2017 21:40	26.82	79.9	6.65	2.0
SR5	8/27/2017 3:45	27.26	80.2	6.63	1.9	SR5	8/27/2017 9:45	27.03	80.9	6.70	2.5	SR5	8/27/2017 15:45	26.97	77.9	6.49	2.7	SR5	8/27/2017 21:45	26.82	79.6	6.63	2.3
SR5	8/27/2017 3:50	27.29	80.5	6.68	1.8	SR5	8/27/2017 9:50	27.03	80.8	6.70	1.9	SR5	8/27/2017 15:50	26.97	78.2	6.51	2.3	SR5	8/27/2017 21:50	26.83	80.6	6.73	2.6
SR5	8/27/2017 3:55	27.26	80.3	6.66	1.8	SR5	8/27/2017 9:55	27.04	80.8	6.70	1.8	SR5	8/27/2017 15:55	26.96	78.0	6.49	2.8	SR5	8/27/2017 21:55	26.84	81.3	6.78	2.4
SR5	8/27/2017 4:00	27.24	80.0	6.65	1.9	SR5	8/27/2017 10:00	27.03	80.2	6.67	1.8	SR5	8/27/2017 16:00	26.97	78.0	6.49	3.0	SR5	8/27/2017 22:00	26.83	80.9	6.75	2.7
SR5	8/27/2017 4:05	27.28	81.0	6.72	1.9	SR5	8/27/2017 10:05	26.99	79.2	6.59	2.0	SR5	8/27/2017 16:05	27.00	78.5	6.53	2.7	SR5	8/27/2017 22:05	26.84	80.8	6.74	2.3
SR5	8/27/2017 4:10	27.28	80.4	6.66	1.9	SR5	8/27/2017 10:10	26.99	79.9	6.63	2.6	SR5	8/27/2017 16:10	27.02	78.5	6.53	2.8	SR5	8/27/2017 22:10	26.82	80.1	6.68	2.6
SR5	8/27/2017 4:15	27.29	79.9	6.65	1.9	SR5	8/27/2017 10:15	26.98	80.3	6.68	1.5	SR5	8/27/2017 16:15	27.01	78.8	6.55	2.7	SR5	8/27/2017 22:15	26.80	79.5	6.65	2.3
SR5	8/27/2017 4:20	27.28	79.7	6.62	2.0	SR5	8/27/2017 10:20	26.97	79.7	6.63	1.9	SR5	8/27/2017 16:20	27.00	78.7	6.53	2.7	SR5	8/27/2017 22:20	26.87	80.6	6.72	2.4
SR5	8/27/2017 4:25	27.27	80.3	6.65	2.0	SR5	8/27/2017 10:25	27.01	78.6	6.53	1.9	SR5	8/27/2017 16:25	26.94	78.1	6.50	2.2	SR5	8/27/2017 22:25	26.86	81.1	6.77	2.3
SR5	8/27/2017 4:30	27.29	80.4	6.67	2.2	SR5	8/27/2017 10:30	26.99	78.8	6.56	2.1	SR5	8/27/2017 16:30	26.98	79.5	6.62	2.2	SR5	8/27/2017 22:30	26.82	80.1	6.69	2.0
SR5	8/27/2017 4:35	27.25	80.3	6.65	2.0	SR5	8/27/2017 10:35	27.00	78.6	6.53	1.8	SR5	8/27/2017 16:35	26.96	79.0	6.59	3.0	SR5	8/27/2017 22:35	26.84	80.1	6.68	2.3
SR5	8/27/2017 4:40	27.28	80.1	6.63	2.1	SR5	8/27/2017 10:40	26.99	77.9	6.50	1.9	SR5	8/27/2017 16:40	26.97	79.4	6.61	3.2	SR5	8/27/2017 22:40	26.84	80.1	6.68	2.5
SR5	8/27/2017 4:45	27.27	80.2	6.66	2.6	SR5	8/27/2017 10:45	26.96	77.7	6.47	1.9	SR5	8/27/2017 16:45	27.00	79.7	6.64	3.5	SR5	8/27/2017 22:45	26.85	80.9	6.73	2.1
SR5	8/27/2017 4:50	27.24	80.1	6.63	2.4	SR5	8/27/2017 10:50	26.98	77.5	6.46	1.7	SR5	8/27/2017 16:50	26.99	79.5	6.63	3.1	SR5	8/27/2017 22:50	26.89	81.3	6.77	2.2
SR5	8/27/2017 4:55	27.26	80.2	6.65	2.3	SR5	8/27/2017 10:55	26.99	77.1	6.42	1.8	SR5	8/27/2017 16:55	26.98	80.2	6.68	2.8	SR5	8/27/2017 22:55	26.89	81.4	6.77	1.9
SR5	8/27/2017 5:00	27.26	80.6	6.68	2.8	SR5	8/27/2017 11:00	26.97	77.0	6.42	1.9	SR5	8/27/2017 17:00	26.97	80.0	6.66	2.4	SR5	8/27/2017 23:00	26.88	81.4	6.79	1.9
SR5	8/27/2017 5:05	27.26	80.2	6.64	2.1	SR5	8/27/2017 11:05	26.99	76.8	6.41	1.8	SR5	8/27/2017 17:05	26.97	79.8	6.63	3.2	SR5	8/27/2017 23:05	26.88	81.6	6.79	2.1
SR5	8/27/2017 5:10	27.26	79.9	6.62	1.8	SR5	8/27/2017 11:10	26.96	76.7	6.38	1.4	SR5	8/27/2017 17:10	27.00	80.9	6.72	2.6	SR5	8/27/2017 23:10	26.89	81.6	6.80	1.8
SR5	8/27/2017 5:15	27.24	80.6	6.68	2.4	SR5	8/27/2017 11:15	26.98	76.6	6.37	2.1	SR5	8/27/2017 17:15	26.97	80.5	6.68	3.7	SR5	8/27/2017 23:15	26.88	81.8	6.82	2.0
SR5	8/27/2017 5:20	27.26	80.5	6.67	2.2	SR5	8/27/2017 11:20	26.99	76.1	6.36	2.9	SR5	8/27/2017 17:20	26.99	80.6	6.70	3.7	SR5	8/27/2017 23:20	26.89	82.3	6.84	2.2
SR5	8/27/2017 5:25	27.26	80.3	6.64	2.1	SR5	8/27/2017 11:25	26.96	75.8	6.32	1.9	SR5	8/27/2017 17:25	26.99	81.0	6.74	2.9	SR5	8/27/2017 23:25	26.90	81.9	6.80	2.0
SR5	8/27/2017 5:30	27.26	80.1	6.65	2.2	SR5	8/27/2017 11:30	26.95	75.6	6.30	2.0	SR5	8/27/2017 17:30	27.00	80.8	6.72	4.3	SR5	8/27/2017 23:30	26.88	81.4	6.77	2.1
SR5	8/27/2017 5:35	27.26	80.2	6.63	2.5	SR5	8/27/2017 11:35	26.96	75.3	6.27	2.7	SR5	8/27/2017 17:35	26.96	80.6	6.70	2.9	SR5	8/27/2017 23:35	26.90	80.7	6.71	1.9
SR5	8/27/2017 5:40	27.24	80.1	6.62	2.9	SR5	8/27/2017 11:40	26.96	75.4	6.29	1.7	SR5	8/27/2017 17:40	26.97	80.9	6.72	2.4	SR5	8/27/2017 23:40	26.88	80.1	6.66	1.9
SR5	8/27/2017 5:45	27.23	80.1	6.63	2.2	SR5	8/27/2017 11:45	26.95	75.6	6.30	1.8	SR5	8/27/2017 17:45	26.97	80.6	6.70	2.4	SR5	8/27/2017 23:45	26.89	79.7	6.65	2.3
SR5	8/27/2017 5:50	27.23	79.7	6.61	2.2	SR5	8/27/2017 11:50	26.94	76.1	6.36	2.3	SR5	8/27/2017 17:50	26.97	81.1	6.75	4.0	SR5	8/27/2017 23:50	26.89	80.3	6.69	2.1
SR5	8/27/2017 5:55	27.25	80.0	6.63	2.4	SR5	8/27/2017 11:55	26.93	76.9	6.40	2.3	SR5	8/27/2017 17:55	26.98	81.5	6.77	2.4	SR5	8/27/2017 23:55	26.90	81.3	6.78	2.0

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR12	8/27/2017 0:01	26.56	86.4	7.49	4.0	SR12	8/27/2017 6:01	26.64	82.6	7.09	5.4	SR12	8/27/2017 12:01	26.40	79.3	6.79	8.4	SR12	8/27/2017 18:01	26.34	80.6	6.97	7.9
SR12	8/27/2017 0:06	26.54	86.4	7.46	2.9	SR12	8/27/2017 6:06	26.66	82.7	7.10	5.7	SR12	8/27/2017 12:06	26.42	79.0	6.80	8.7	SR12	8/27/2017 18:06	26.38	80.7	6.98	6.3
SR12	8/27/2017 0:11	26.58	86.4	7.46	2.5	SR12	8/27/2017 6:11	26.63	82.3	7.02	5.5	SR12	8/27/2017 12:11	26.39	78.8	6.77	7.3	SR12	8/27/2017 18:11	26.37	80.9	6.99	5.5
SR12	8/27/2017 0:16	26.56	86.4	7.48	3.3	SR12	8/27/2017 6:16	26.64	82.2	7.04	6.5	SR12	8/27/2017 12:16	26.38	78.7	6.75	9.1	SR12	8/27/2017 18:16	26.37	80.9	7.00	6.2
SR12	8/27/2017 0:21	26.60	86.4	7.37	3.1	SR12	8/27/2017 6:21	26.64	82.3	7.01	6.5	SR12	8/27/2017 12:21	26.39	78.6	6.73	8.4	SR12	8/27/2017 18:21	26.36	80.8	6.99	6.3
SR12	8/27/2017 0:26	26.59	86.2	7.37	2.5	SR12	8/27/2017 6:26	26.61	82.2	7.00	4.9	SR12	8/27/2017 12:26	26.40	78.7	6.75	7.2	SR12	8/27/2017 18:26	26.36	80.9	6.99	6.3
SR12	8/27/2017 0:31	26.57	86.0	7.35	3.0	SR12	8/27/2017 6:31	26.61	82.2	7.01	5.8	SR12	8/27/2017 12:31	26.40	78.8	6.75	8.8	SR12	8/27/2017 18:31	26.37	80.9	7.00	6.4
SR12	8/27/2017 0:36	26.55	85.0	7.28	3.2	SR12	8/27/2017 6:36	26.61	82.0	7.01	5.8	SR12	8/27/2017 12:36	26.39	79.0	6.80	8.4	SR12	8/27/2017 18:36	26.36	81.0	7.02	7.9
SR12	8/27/2017 0:41	26.56	85.6	7.33	2.6	SR12	8/27/2017 6:41	26.63	82.1	7.02	5.0	SR12	8/27/2017 12:41	26.37	79.5	6.80	7.5	SR12	8/27/2017 18:41	26.38	81.2	7.03	5.4
SR12	8/27/2017 0:46	26.59	86.0	7.36	2.9	SR12	8/27/2017 6:46	26.62	82.1	6.99	6.1	SR12	8/27/2017 12:46	26.41	79.5	6.82	9.5	SR12	8/27/2017 18:46	26.37	81.2	7.02	6.9
SR12	8/27/2017 0:51	26.59	85.6	7.34	3.2	SR12	8/27/2017 6:51	26.59	82.3	7.03	5.9	SR12	8/27/2017 12:51	26.42	79.5	6.82	9.1	SR12	8/27/2017 18:51	26.39	81.3	7.05	7.3
SR12	8/27/2017 0:56	26.60	85.9	7.35	2.5	SR12	8/27/2017 6:56	26.61	83.4	7.11	5.0	SR12	8/27/2017 12:56	26.39	79.7	6.85	7.5	SR12	8/27/2017 18:56	26.38	81.2	7.05	6.1
SR12	8/27/2017 1:01	26.60	85.6	7.33	3.0	SR12	8/27/2017 7:01	26.60	83.5	7.12	5.9	SR12	8/27/2017 13:01	26.40	79.9	6.87	8.3	SR12	8/27/2017 19:01	26.37	81.0	7.01	7.2
SR12	8/27/2017 1:06	26.63	86.2	7.37	2.9	SR12	8/27/2017 7:06	26.59	83.5	7.13	5.7	SR12	8/27/2017 13:06	26.40	79.9	6.84	8.9	SR12	8/27/2017 19:06	26.31	81.8	7.04	6.5
SR12	8/27/2017 1:11	26.62	86.2	7.38	2.5	SR12	8/27/2017 7:11	26.59	83.5	7.14	4.8	SR12	8/27/2017 13:11	26.41	79.8	6.83	7.2	SR12	8/27/2017 19:11	26.31	81.7	7.01	5.3
SR12	8/27/2017 1:16	26.64	85.8	7.34	3.0	SR12	8/27/2017 7:16	26.59	83.4	7.10	5.2	SR12	8/27/2017 13:16	26.39	79.9	6.88	8.4	SR12	8/27/2017 19:16	26.30	82.1	7.04	5.6
SR12	8/27/2017 1:21	26.64	86.1	7.36	3.1	SR12	8/27/2017 7:21	26.59	83.6	7.12	6.2	SR12	8/27/2017 13:21	26.37	79.8	6.85	7.8	SR12	8/27/2017 19:21	26.31	82.1	7.05	6.6
SR12	8/27/2017 1:26	26.67	86.1	7.35	2.5	SR12	8/27/2017 7:26	26.57	83.4	7.11	4.8	SR12	8/27/2017 13:26	26.39	79.7	6.83	6.9	SR12	8/27/2017 19:26	26.30	82.4	7.06	4.8
SR12	8/27/2017 1:31	26.64	85.9	7.35	3.2	SR12	8/27/2017 7:31	26.60	83.6	7.15	6.3	SR12	8/27/2017 13:31	26.37	79.9	6.85	8.5	SR12	8/27/2017 19:31	26.29	82.3	7.07	6.4
SR12	8/27/2017 1:36	26.66	85.2	7.31	3.1	SR12	8/27/2017 7:36	26.57	82.7	7.08	6.9	SR12	8/27/2017 13:36	26.34	79.8	6.85	8.5	SR12	8/27/2017 19:36	26.29	82.0	7.05	6.2
SR12	8/27/2017 1:41	26.66	85.0	7.25	2.3	SR12	8/27/2017 7:41	26.58	82.6	7.06	5.9	SR12	8/27/2017 13:41	26.36	79.7	6.84	7.0	SR12	8/27/2017 19:41	26.26	81.8	7.00	5.6
SR12	8/27/2017 1:46	26.64	84.9	7.23	3.2	SR12	8/27/2017 7:46	26.58	82.7	7.05	7.3	SR12	8/27/2017 13:46	26.37	79.9	6.86	8.6	SR12	8/27/2017 19:46	26.28	81.8	7.03	5.6
SR12	8/27/2017 1:51	26.65	84.6	7.21	4.0	SR12	8/27/2017 7:51	26.57	83.2	7.10	7.4	SR12	8/27/2017 13:51	26.36	79.5	6.81	8.4	SR12	8/27/2017 19:51	26.28	82.5	7.07	6.6
SR12	8/27/2017 1:56	26.61	83.7	7.14	3.3	SR12	8/27/2017 7:56	26.57	83.2	7.12	6.0	SR12	8/27/2017 13:56	26.33	78.9	6.78	7.0	SR12	8/27/2017 19:56	26.28	82.6	7.08	5.3
SR12	8/27/2017 2:01	26.63	83.8	7.17	3.0	SR12	8/27/2017 8:01	26.59	83.3	7.12	7.7	SR12	8/27/2017 14:01	26.34	79.4	6.84	8.4	SR12	8/27/2017 20:01	26.28	82.6	7.10	7.2
SR12	8/27/2017 2:06	26.61	83.5	7.12	3.1	SR12	8/27/2017 8:06	26.55	83.4	7.11	7.2	SR12	8/27/2017 14:06	26.35	79.3	6.84	8.1	SR12	8/27/2017 20:06	26.25	82.5	7.09	5.9
SR12	8/27/2017 2:11	26.61	83.4	7.11	2.5	SR12	8/27/2017 8:11	26.56	83.3	7.13	7.0	SR12	8/27/2017 14:11	26.36	79.4	6.85	6.5	SR12	8/27/2017 20:11	26.26	82.4	7.06	5.6
SR12	8/27/2017 2:16	26.60	83.1	7.10	3.1	SR12	8/27/2017 8:16	26.54	83.4	7.11	7.5	SR12	8/27/2017 14:16	26.34	79.1	6.81	9.1	SR12	8/27/2017 20:16	26.29	82.3	7.06	6.5
SR12	8/27/2017 2:21	26.59	83.0	7.11	3.0	SR12	8/27/2017 8:21	26.55	83.5	7.12	7.3	SR12	8/27/2017 14:21	26.35	78.9	6.81	8.3	SR12	8/27/2017 20:21	26.27	82.3	7.07	6.1
SR12	8/27/2017 2:26	26.55	82.1	7.05	2.4	SR12	8/27/2017 8:26	26.54	83.5	7.11	6.2	SR12	8/27/2017 14:26	26.34	78.7	6.80	7.0	SR12	8/27/2017 20:26	26.28	82.5	7.10	4.2
SR12	8/27/2017 2:31	26.54	82.1	7.03	3.6	SR12	8/27/2017 8:31	26.55	83.3	7.09	7.0	SR12	8/27/2017 14:31	26.32	78.7	6.81	8.9	SR12	8/27/2017 20:31	26.30	82.7	7.12	4.2
SR12	8/27/2017 2:36	26.53	81.8	7.02	3.0	SR12	8/27/2017 8:36	26.54	83.1	7.08	7.3	SR12	8/27/2017 14:36	26.31	78.6	6.78	7.9	SR12	8/27/2017 20:36	26.30	82.3	7.08	5.4
SR12	8/27/2017 2:41	26.55	81.8	7.03	2.5	SR12	8/27/2017 8:41	26.54	82.9	7.05	6.9	SR12	8/27/2017 14:41	26.31	78.6	6.80	7.5	SR12	8/27/2017 20:41	26.28	82.1	7.04	4.0
SR12	8/27/2017 2:46	26.52	82.0	7.02	3.1	SR12	8/27/2017 8:46	26.52	82.8	7.06	8.9	SR12	8/27/2017 14:46	26.30	78.3	6.76	9.1	SR12	8/27/2017 20:46	26.31	82.2	7.08	6.2
SR12	8/27/2017 2:51	26.55	82.5	7.07	3.1	SR12	8/27/2017 8:51	26.50	82.8	7.08	8.6	SR12	8/27/2017 14:51	26.28	78.3	6.77	9.2	SR12	8/27/2017 20:51	26.31	82.4	7.10	4.4
SR12	8/27/2017 2:56	26.58	82.4	7.10	2.4	SR12	8/27/2017 8:56	26.50	82.9	7.09	6.5	SR12	8/27/2017 14:56	26.29	78.2	6.76	7.1	SR12	8/27/2017 20:56	26.29	82.0	7.04	5.6
SR12	8/27/2017 3:01	26.56	82.4	7.10	3.4	SR12	8/27/2017 9:01	26.48	82.6	7.05	8.0	SR12	8/27/2017 15:01	26.28	78.1	6.76	9.0	SR12	8/27/2017 21:01	26.30	81.7	7.00	5.4
SR12	8/27/2017 3:06	26.57	82.6	7.10	3.5	SR12	8/27/2017 9:06	26.47	82.6	7.05	8.4	SR12	8/27/2017 15:06	26.32	79.2	6.83	9.0	SR12	8/27/2017 21:06	26.27	82.1	7.07	5.5
SR12	8/27/2017 3:11	26.60	82.7	7.12	2.4	SR12	8/27/2017 9:11	26.50	82.6	7.04	7.4	SR12	8/27/2017 15:11	26.31	79.6	6.87	7.5	SR12	8/27/2017 21:11	26.28	81.9	7.06	4.9
SR12	8/27/2017 3:16	26.62	82.9	7.12	3.1	SR12	8/27/2017 9:16	26.49	82.5	7.04	8.8	SR12	8/27/2017 15:16	26.30	78.3	6.79	8.9	SR12	8/27/2017 21:16	26.27	81.6	7.02	5.5
SR12	8/27/2017 3:21	26.62	82.9	7.14	3.0	SR12	8/27/2017 9:21	26.49	81.9	7.02	8.0	SR12	8/27/2017 15:21	26.29	78.3	6.78	8.8	SR12	8/27/2017 21:21	26.29	81.6	7.00	5.0
SR12	8/27/2017 3:26	26.64	82.9	7.13	2.5	SR12	8/27/2017 9:26	26.48	81.8	6.98	6.8	SR12	8/27/2017 15:26	26.27	78.1	6.78	7.5	SR12	8/27/2017 21:26	26.29	81.4	7.00	5.8
SR12	8/27/2017 3:31	26.64	83.0	7.18	2.9	SR12	8/27/2017 9:31	26.47	81.6	6.96	8.4	SR12	8/27/2017 15:31	26.27	78.2	6.76	8.4	SR12	8/27/2017 21:31	26.25	81.3	6.98	4.8
SR12	8/27/2017 3:36	26.63	83.0	7.18	2.9	SR12	8/27/2017 9:36	26.46	81.7	6.99	7.9	SR12	8/27/2017 15:36	26.28	78.4	6.79	8.8	SR12	8/27/2017 21:36	26.29	81.4	7.00	6.1
SR12	8/27/2017 3:41	26.68	83.1	7.16	2.5	SR12	8/27/2017 9:41	26.50	82.1	7.02	6.6	SR12	8/27/2017 15:41	26.27	78.4	6.79	7.3	SR12	8/27/2017 21:41	26.24	80.5	6.94	4.2
SR12	8/27/2017 3:46	26.69	83.1	7.18	3.0	SR12	8/27/2017 9:46	26.47	82.0	7.02	7.9	SR12	8/27/2017 15:46	26.27	78.4	6.80	9.0	SR12	8/27/2017 21:46	26.26	80.4	6.92	4.6
SR12	8/27/2017 3:51	26.69	83.2	7.17	3.0	SR12	8/27/2017 9:51	26.48	82.0	7.01	8.1	SR12	8/27/2017 15:51	26.30	79.5	6.87	9.0	SR12	8/27/2017 21:51	26.25	80.4	6.92	5.4
SR12	8/27/2017 3:56	26.66	83.2	7.18	2.5	SR12	8/27/2017 9:56	26.48	82.2	7.04	6.9	SR12	8/27/2017 15:56	26.29	79.6	6.87	6.9	SR12	8/27/2017 21:56	26.25	80.6	6.95	4.5
SR12	8/27/2017 4:01	26.71	83.2	7.19	2.9	SR12	8/27/2017 10:01	26.49	82.2	7.03	8.0	SR12	8/27/2017 16:01	26.30	79.4	6.86	8.7	SR12	8/27/2017 22:01	26.26	80.6	6.93	5.1
SR12	8/27/2017 4:06	26.68	83.2	7.21	3.0	SR12	8/27/2017 10:06	26.50	82.3	7.03	8.0	SR12	8/27/2017 16:06	26.29	79.4	6.88	8.3	SR12	8/27/2017 22:06	26.25	80.6	6.95	5.7
SR12	8/27/2017 4:11	26.69	83.3	7.20	2.5	SR12	8/27/2017 10:11	26.50	82.3	7.05	7.0	SR12	8/27/2017 16:11	26.33	79.6	6.88	6.6	SR12	8/27/2017 22:11	26.25	80.7	6.95	4.6
SR12	8/27/2017 4:16	26.70	83.3	7.21	3.0	SR12	8/27/2017 10:16	26.52	82.3	7.03	8.4	SR12	8/27/2017 16:16	26.33	79.3	6.86	7.4	SR12	8/27/2017 22:16	26.27	80.9	6.96	4.6
SR12	8/27/2017 4:21	26.70	83.3	7.23	2.9	SR12	8/27/2017 10:21	26.52	82.2	7.06	7.8	SR12	8/27/2017 16:21	26.33	79.3	6.85	8.3	SR12	8/27/2017 22:21	26.27	80.9	6.97	5.4
SR12	8/27/2017 4:26	26.69	83.3	7.23	2.4	SR12	8/27/2017 10:26	26.51	82.3	7.06	6.6	SR12	8/27/2017 16:26	26.33	79.3	6.85	6.1	SR12	8/27/2017 22:26	26.26	80.8	6.95	5.3
SR12	8/27/2017 4:31	26.73	83.3	7.24	3.0	SR12	8/27/2017 10:31	26.49	82.2	7.03	8.4	SR12	8/27/2017 16:31	26.35	79.4	6.88	9.4	SR12	8/27/2017 22:31	26.27	80.7	6.95	6.8
SR12	8/27/2017 4:36	26.69	83.3	7.25	3.0	SR12	8/27/2017 10:36	26.50	82.2	7.05	7.5	SR12	8/27/2017 16:36	26.35	79.5	6.88	7.9	SR12	8/27/2017 22:36	26.26	81.1	7.01	6.7
SR12	8/27/2017 4:41	26.72	83.3	7.25	2.3	SR12	8/27/2017 10:41	26.50	82.2	7.04	6.9	SR12	8/27/2017 16:41	26.35	79.5	6.87	6.5	SR12	8/27/2017 22:41	26.28	81.4	7.02	4.9
SR12	8/27/2017 4:46	26.63	82.7	7.08	2.8	SR12	8/27/2017 10:46	26.51	82.0	7.05	8.4	SR12	8/27/2017 16:46	26.35	79.5	6.86	7.2	SR12	8/27/2017 22:46	26.27	81.3	7.02	5.0
SR12	8/27/2017 4:51	26.65	83.1	7.12	2.8	SR12	8/27/2017 10:51	26.49	81.6	7.00	8.9	SR12	8/27/2017 16:51	26.36	79.8	6.90	7.4	SR12	8/27/2017 22:51	26.29	81.3	7.02	5.3
SR12	8/27/2017 4:56	26.65	83.0	7.09	2.3	SR12	8/27/2017 10:56	26.49	81.8	7.01	7.3	SR12	8/27/2017 16:56	26.37	79.7	6.89	6.3	SR12	8/27/2017 22:56	26.29	81.2	7.01	5.1
SR12	8/27/2017 5:01	26.66	82.7	7.10	3.0	SR12	8/27/2017 11:01	26.48	81.9	7.04	8.9	SR12	8/27/2017 17:01	26.36	79.9	6.91	5.8	SR12	8/27/2017 23:01	26.27	80.9	7.01	5.0
SR12	8/27/2017 5:06	26.65	82.6	7.09	3.6	SR12	8/27/2017 11:06	26.47	81.7	7.03	8.4	SR12	8/27/2017 17:06	26.37	79.8	6.89	7.3	SR12	8/27/2017 23:06	26.31	81.3	7.02	6.1
SR12	8/27/2017 5:11	26.65	82.8	7.09	4.0	SR12	8/27/2017 11:11	26.49	81.2	6.97	6.5	SR12	8/27/2017 17:11	26.33	79.6	6.88	5.9	SR12	8/27/2017 23:11	26.29	81.5	7.05	4.6
SR12	8/27/2017 5:16	26.67	82.8	7.09	4.7	SR12	8/27/2017 11:16	26.49	81.2	6.98	8.1	SR12	8/27/2017 17:16	26.34	80.1	6.95	5.5	SR12	8/27/2017 23:16	26.28	81.2	7.02	5.7
SR12	8/27/2017 5:21	26.65	82.7	7.08	4.5	SR12	8/27/2017 11:21	26.50	81.1	6.96	8.7	SR12	8/27/2017 17:21	26.34	79.9	6.92	7.6	SR12	8/27/2017 23:21	26.30	81.3	7.03	5.5
SR12	8/27/2017 5:26	26.67	82.6	7.06	3.9	SR12	8/27/2017 11:26	26.50	80.8	6.97	7.4	SR12	8/27/2017 17:26	26.33	80.1	6.93	5.4	SR12	8/27/2017 23:26	26.31	81.3	7.02	4.5
SR12	8/27/2017 5:31	26.65	82.7	7.10	4.5	SR12	8/27/2017 11:31	26.47	80.7	6.94	8.1	SR12	8/27/2017 17:31	26.36	80.3	6.95	6.3	SR12	8/27/2017 23:31	26.32	81.7	7.05	5.6
SR12	8/27/2017 5:36	26.63	82.6	7.06	4.3	SR12	8/27/2017 11:36	26.48	80.6	6.95	7.5	SR12	8/27/2017 17:36	26.35	80.3	6.95	6.4	SR12	8/27/2017 23:36	26.34	82.0	7.07	5.5
SR12	8/27/2017 5:41	26.67	82.5	7.07	3.4	SR12	8/27/2017 11:41	26.44	79.7	6.83	6.4	SR12	8/27/2017 17:41	26.35	80.4	6.97	5.3	SR12	8/27/2017 23:41	26.35	82.0	7.07	4.2
SR12	8/27/2017 5:46	26.65	82.7	7.10	4.4	SR12	8/27/2017 11:46	26.41	79.6	6.84	7.9	SR12	8/27/2017 17:46	26.34	80.4	6.96	4.6	SR12	8/27/2017 23:46	26.34	82.0	7.09	5.2
SR12	8/27/2017 5:51	26.66	82.5	7.07	4.2	SR12	8/27/2017 11:51	26.43	79.5	6.83	8.7	SR12	8/27/2017 17:51	26.35	80.4	6.96	6.9	SR12	8/27/2017 23:51	26.33	82.1	7.08	5.6
SR12	8/27/2017 5:56	26.65	82.4	7.07	4.3	SR12	8/27/2017 11:56	26.39	79.4	6.80	7.1	SR12	8/27/2017 17:56	26.35	80.7	6.98	4.7	SR12	8/27/2017 23:56	26.34	82.2	7.11	5.1

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR13	8/27/2017 0:00	25.97	85.9	7.53	3.3	SR13	8/27/2017 6:00	25.99	84.3	7.37	3.1	SR13	8/27/2017 12:00	25.85	82.1	7.23	3.2	SR13	8/27/2017 18:00	25.67	82.1	7.26	3.5
SR13	8/27/2017 0:05	25.98	85.8	7.51	3.4	SR13	8/27/2017 6:05	25.96	84.2	7.40	3.2	SR13	8/27/2017 12:05	25.87	82.3	7.25	3.3	SR13	8/27/2017 18:05	25.68	82.1	7.29	4.1
SR13	8/27/2017 0:10	25.99	85.3	7.50	3.3	SR13	8/27/2017 6:10	25.99	84.2	7.39	3.1	SR13	8/27/2017 12:10	25.83	82.5	7.27	3.2	SR13	8/27/2017 18:10	25.67	82.1	7.30	3.4
SR13	8/27/2017 0:15	25.98	85.5	7.48	3.3	SR13	8/27/2017 6:15	25.98	84.2	7.39	2.9	SR13	8/27/2017 12:15	25.84	82.3	7.28	3.3	SR13	8/27/2017 18:15	25.66	82.1	7.25	3.8
SR13	8/27/2017 0:20	26.01	85.6	7.50	3.4	SR13	8/27/2017 6:20	25.96	84.3	7.40	3.1	SR13	8/27/2017 12:20	25.83	82.1	7.22	4.3	SR13	8/27/2017 18:20	25.66	82.2	7.29	4.3
SR13	8/27/2017 0:25	26.02	85.8	7.53	3.3	SR13	8/27/2017 6:25	25.96	84.3	7.42	3.0	SR13	8/27/2017 12:25	25.85	82.0	7.21	3.4	SR13	8/27/2017 18:25	25.66	82.2	7.26	3.7
SR13	8/27/2017 0:30	25.97	85.4	7.49	3.2	SR13	8/27/2017 6:30	25.96	84.3	7.38	3.3	SR13	8/27/2017 12:30	25.82	82.1	7.26	3.0	SR13	8/27/2017 18:30	25.66	82.1	7.26	3.3
SR13	8/27/2017 0:35	26.03	85.7	7.49	3.1	SR13	8/27/2017 6:35	25.97	84.4	7.40	3.2	SR13	8/27/2017 12:35	25.80	82.0	7.23	3.9	SR13	8/27/2017 18:35	25.67	82.0	7.27	4.8
SR13	8/27/2017 0:40	26.02	85.8	7.53	3.2	SR13	8/27/2017 6:40	25.94	84.4	7.40	3.4	SR13	8/27/2017 12:40	25.83	81.9	7.21	4.1	SR13	8/27/2017 18:40	25.66	82.1	7.26	3.5
SR13	8/27/2017 0:45	26.02	85.8	7.52	3.1	SR13	8/27/2017 6:45	25.98	84.5	7.44	3.2	SR13	8/27/2017 12:45	25.82	81.8	7.21	3.7	SR13	8/27/2017 18:45	25.65	82.0	7.27	4.6
SR13	8/27/2017 0:50	26.05	85.6	7.53	3.4	SR13	8/27/2017 6:50	25.94	84.6	7.44	3.3	SR13	8/27/2017 12:50	25.79	81.7	7.20	3.9	SR13	8/27/2017 18:50	25.65	82.0	7.27	3.6
SR13	8/27/2017 0:55	26.04	85.6	7.51	3.3	SR13	8/27/2017 6:55	25.95	84.6	7.44	3.2	SR13	8/27/2017 12:55	25.81	81.7	7.20	3.1	SR13	8/27/2017 18:55	25.61	81.7	7.21	3.8
SR13	8/27/2017 1:00	26.02	85.1	7.46	3.6	SR13	8/27/2017 7:00	25.96	84.7	7.42	3.3	SR13	8/27/2017 13:00	25.83	81.8	7.22	3.7	SR13	8/27/2017 19:00	25.64	81.7	7.25	3.5
SR13	8/27/2017 1:05	26.04	85.1	7.49	3.3	SR13	8/27/2017 7:05	25.95	84.8	7.44	3.2	SR13	8/27/2017 13:05	25.83	81.7	7.18	3.2	SR13	8/27/2017 19:05	25.63	81.7	7.22	3.7
SR13	8/27/2017 1:10	25.98	84.8	7.46	3.7	SR13	8/27/2017 7:10	25.96	84.8	7.47	3.2	SR13	8/27/2017 13:10	25.80	81.6	7.19	3.5	SR13	8/27/2017 19:10	25.63	81.7	7.22	3.5
SR13	8/27/2017 1:15	26.00	84.5	7.43	3.7	SR13	8/27/2017 7:15	25.98	84.9	7.46	5.9	SR13	8/27/2017 13:15	25.79	81.5	7.21	3.4	SR13	8/27/2017 19:15	25.63	81.7	7.25	3.7
SR13	8/27/2017 1:20	25.99	84.8	7.43	5.3	SR13	8/27/2017 7:20	25.93	84.9	7.43	3.4	SR13	8/27/2017 13:20	25.80	81.5	7.21	3.2	SR13	8/27/2017 19:20	25.60	81.9	7.26	3.8
SR13	8/27/2017 1:25	26.03	84.7	7.41	3.1	SR13	8/27/2017 7:25	25.95	84.9	7.47	3.3	SR13	8/27/2017 13:25	25.81	81.4	7.21	3.3	SR13	8/27/2017 19:25	25.61	81.8	7.23	3.4
SR13	8/27/2017 1:30	25.99	84.7	7.45	5.5	SR13	8/27/2017 7:30	25.93	84.9	7.44	3.1	SR13	8/27/2017 13:30	25.80	81.5	7.19	3.5	SR13	8/27/2017 19:30	25.65	81.8	7.24	3.5
SR13	8/27/2017 1:35	26.03	84.8	7.46	3.2	SR13	8/27/2017 7:35	25.93	84.9	7.45	3.2	SR13	8/27/2017 13:35	25.83	81.4	7.19	3.2	SR13	8/27/2017 19:35	25.63	81.8	7.25	3.1
SR13	8/27/2017 1:40	26.03	84.9	7.47	3.6	SR13	8/27/2017 7:40	25.92	84.9	7.43	3.2	SR13	8/27/2017 13:40	25.81	81.4	7.21	3.2	SR13	8/27/2017 19:40	25.65	81.9	7.27	3.1
SR13	8/27/2017 1:45	26.01	84.8	7.45	3.3	SR13	8/27/2017 7:45	25.93	84.8	7.41	3.8	SR13	8/27/2017 13:45	25.75	81.2	7.20	3.2	SR13	8/27/2017 19:45	25.67	81.9	7.27	3.1
SR13	8/27/2017 1:50	26.03	84.8	7.44	3.1	SR13	8/27/2017 7:50	25.92	84.7	7.41	3.5	SR13	8/27/2017 13:50	25.75	81.1	7.17	3.3	SR13	8/27/2017 19:50	25.68	81.8	7.26	3.7
SR13	8/27/2017 1:55	26.00	84.3	7.40	3.0	SR13	8/27/2017 7:55	25.93	84.5	7.38	3.4	SR13	8/27/2017 13:55	25.74	81.1	7.20	3.5	SR13	8/27/2017 19:55	25.65	81.8	7.22	3.4
SR13	8/27/2017 2:00	26.03	84.7	7.46	3.5	SR13	8/27/2017 8:00	25.90	84.4	7.40	3.4	SR13	8/27/2017 14:00	25.71	81.1	7.15	3.7	SR13	8/27/2017 20:00	25.69	81.8	7.27	3.3
SR13	8/27/2017 2:05	26.02	84.7	7.42	4.5	SR13	8/27/2017 8:05	25.90	84.4	7.41	3.4	SR13	8/27/2017 14:05	25.69	81.0	7.18	3.8	SR13	8/27/2017 20:05	25.70	81.8	7.28	3.3
SR13	8/27/2017 2:10	26.00	84.8	7.42	3.2	SR13	8/27/2017 8:10	25.89	84.2	7.41	3.4	SR13	8/27/2017 14:10	25.68	80.9	7.16	4.1	SR13	8/27/2017 20:10	25.68	81.9	7.24	3.4
SR13	8/27/2017 2:15	25.98	84.5	7.43	3.1	SR13	8/27/2017 8:15	25.88	84.1	7.38	3.2	SR13	8/27/2017 14:15	25.67	80.7	7.14	3.7	SR13	8/27/2017 20:15	25.70	81.8	7.22	3.4
SR13	8/27/2017 2:20	25.97	84.6	7.45	3.1	SR13	8/27/2017 8:20	25.87	84.1	7.37	3.3	SR13	8/27/2017 14:20	25.68	80.7	7.13	3.9	SR13	8/27/2017 20:20	25.67	81.8	7.27	3.2
SR13	8/27/2017 2:25	25.96	84.5	7.45	3.3	SR13	8/27/2017 8:25	25.90	84.1	7.36	3.3	SR13	8/27/2017 14:25	25.62	80.6	7.14	3.5	SR13	8/27/2017 20:25	25.69	81.8	7.27	3.4
SR13	8/27/2017 2:30	25.97	84.7	7.44	3.0	SR13	8/27/2017 8:30	25.89	84.0	7.37	3.3	SR13	8/27/2017 14:30	25.66	80.6	7.16	4.7	SR13	8/27/2017 20:30	25.67	81.7	7.25	3.5
SR13	8/27/2017 2:35	25.96	84.9	7.47	3.1	SR13	8/27/2017 8:35	25.91	84.0	7.39	3.2	SR13	8/27/2017 14:35	25.64	80.5	7.14	3.7	SR13	8/27/2017 20:35	25.69	81.7	7.22	3.3
SR13	8/27/2017 2:40	26.00	85.0	7.50	3.2	SR13	8/27/2017 8:40	25.90	83.9	7.35	3.3	SR13	8/27/2017 14:40	25.60	80.4	7.13	4.0	SR13	8/27/2017 20:40	25.70	81.6	7.24	3.4
SR13	8/27/2017 2:45	25.97	85.2	7.47	3.2	SR13	8/27/2017 8:45	25.91	83.9	7.34	3.3	SR13	8/27/2017 14:45	25.59	80.4	7.10	4.3	SR13	8/27/2017 20:45	25.65	81.6	7.21	3.4
SR13	8/27/2017 2:50	26.01	85.3	7.50	3.2	SR13	8/27/2017 8:50	25.90	83.8	7.37	3.4	SR13	8/27/2017 14:50	25.62	80.4	7.14	3.8	SR13	8/27/2017 20:50	25.70	81.5	7.22	3.4
SR13	8/27/2017 2:55	25.98	85.5	7.49	3.0	SR13	8/27/2017 8:55	25.93	83.9	7.36	3.1	SR13	8/27/2017 14:55	25.58	80.4	7.14	4.2	SR13	8/27/2017 20:55	25.66	81.4	7.23	3.3
SR13	8/27/2017 3:00	25.99	85.6	7.52	3.1	SR13	8/27/2017 9:00	25.90	83.9	7.37	3.3	SR13	8/27/2017 15:00	25.58	80.3	7.14	3.8	SR13	8/27/2017 21:00	25.68	81.3	7.21	3.3
SR13	8/27/2017 3:05	25.99	85.6	7.54	2.9	SR13	8/27/2017 9:05	25.91	84.0	7.36	3.7	SR13	8/27/2017 15:05	25.59	80.3	7.11	4.0	SR13	8/27/2017 21:05	25.66	81.2	7.19	3.4
SR13	8/27/2017 3:10	26.00	85.5	7.49	3.0	SR13	8/27/2017 9:10	25.91	83.9	7.38	3.3	SR13	8/27/2017 15:10	25.57	80.3	7.11	3.9	SR13	8/27/2017 21:10	25.66	81.2	7.20	3.3
SR13	8/27/2017 3:15	26.02	85.4	7.51	3.1	SR13	8/27/2017 9:15	25.91	83.8	7.36	3.6	SR13	8/27/2017 15:15	25.58	80.4	7.12	3.6	SR13	8/27/2017 21:15	25.64	81.2	7.18	3.2
SR13	8/27/2017 3:20	25.97	85.5	7.49	3.3	SR13	8/27/2017 9:20	25.93	83.8	7.33	3.5	SR13	8/27/2017 15:20	25.56	80.4	7.14	4.3	SR13	8/27/2017 21:20	25.64	81.3	7.22	3.3
SR13	8/27/2017 3:25	26.02	85.4	7.51	3.0	SR13	8/27/2017 9:25	25.93	83.8	7.35	3.3	SR13	8/27/2017 15:25	25.60	80.8	7.15	4.1	SR13	8/27/2017 21:25	25.65	81.4	7.21	3.3
SR13	8/27/2017 3:30	26.03	85.5	7.48	3.1	SR13	8/27/2017 9:30	25.94	83.7	7.35	3.3	SR13	8/27/2017 15:30	25.63	81.0	7.18	3.8	SR13	8/27/2017 21:30	25.68	81.3	7.19	3.4
SR13	8/27/2017 3:35	26.02	85.5	7.51	3.0	SR13	8/27/2017 9:35	25.94	83.7	7.37	3.3	SR13	8/27/2017 15:35	25.62	80.9	7.15	3.4	SR13	8/27/2017 21:35	25.68	81.4	7.21	3.4
SR13	8/27/2017 3:40	25.99	85.4	7.48	3.0	SR13	8/27/2017 9:40	25.93	83.6	7.36	3.5	SR13	8/27/2017 15:40	25.58	80.9	7.16	3.6	SR13	8/27/2017 21:40	25.64	81.5	7.19	3.4
SR13	8/27/2017 3:45	26.01	85.5	7.48	3.3	SR13	8/27/2017 9:45	25.90	83.5	7.32	3.4	SR13	8/27/2017 15:45	25.62	81.0	7.17	3.7	SR13	8/27/2017 21:45	25.65	81.5	7.20	3.5
SR13	8/27/2017 3:50	26.03	85.5	7.51	3.2	SR13	8/27/2017 9:50	25.90	83.4	7.32	3.5	SR13	8/27/2017 15:50	25.60	81.0	7.17	3.6	SR13	8/27/2017 21:50	25.64	81.8	7.25	6.1
SR13	8/27/2017 3:55	26.01	85.2	7.50	3.1	SR13	8/27/2017 9:55	25.91	83.5	7.33	3.9	SR13	8/27/2017 15:55	25.62	81.1	7.16	4.3	SR13	8/27/2017 21:55	25.65	81.8	7.25	3.5
SR13	8/27/2017 4:00	25.98	85.1	7.50	3.5	SR13	8/27/2017 10:00	25.93	83.4	7.35	3.4	SR13	8/27/2017 16:00	25.61	81.1	7.16	3.8	SR13	8/27/2017 22:00	25.65	82.1	7.28	3.6
SR13	8/27/2017 4:05	26.02	85.1	7.50	3.5	SR13	8/27/2017 10:05	25.89	83.3	7.33	3.4	SR13	8/27/2017 16:05	25.61	81.3	7.19	4.2	SR13	8/27/2017 22:05	25.68	82.1	7.28	3.4
SR13	8/27/2017 4:10	26.01	85.3	7.48	3.6	SR13	8/27/2017 10:10	25.87	83.2	7.30	3.8	SR13	8/27/2017 16:10	25.61	81.1	7.18	3.6	SR13	8/27/2017 22:10	25.67	82.4	7.29	3.4
SR13	8/27/2017 4:15	26.04	85.1	7.51	3.2	SR13	8/27/2017 10:15	25.86	83.2	7.34	3.4	SR13	8/27/2017 16:15	25.58	81.3	7.19	4.3	SR13	8/27/2017 22:15	25.66	82.3	7.31	3.3
SR13	8/27/2017 4:20	26.00	85.0	7.49	3.2	SR13	8/27/2017 10:20	25.84	83.1	7.31	4.0	SR13	8/27/2017 16:20	25.60	81.3	7.16	4.0	SR13	8/27/2017 22:20	25.68	82.3	7.28	3.6
SR13	8/27/2017 4:25	26.00	84.9	7.45	3.1	SR13	8/27/2017 10:25	25.89	82.9	7.27	3.4	SR13	8/27/2017 16:25	25.56	81.3	7.19	3.7	SR13	8/27/2017 22:25	25.65	82.3	7.31	3.5
SR13	8/27/2017 4:30	26.03	84.7	7.45	2.9	SR13	8/27/2017 10:30	25.87	82.8	7.28	3.5	SR13	8/27/2017 16:30	25.56	81.3	7.22	3.8	SR13	8/27/2017 22:30	25.65	82.3	7.29	3.5
SR13	8/27/2017 4:35	25.98	84.7	7.43	3.0	SR13	8/27/2017 10:35	25.88	82.7	7.26	4.3	SR13	8/27/2017 16:35	25.59	81.2	7.21	3.8	SR13	8/27/2017 22:35	25.69	82.4	7.30	3.7
SR13	8/27/2017 4:40	26.02	84.4	7.40	4.0	SR13	8/27/2017 10:40	25.88	82.6	7.29	3.3	SR13	8/27/2017 16:40	25.55	81.2	7.20	3.7	SR13	8/27/2017 22:40	25.70	82.6	7.30	3.3
SR13	8/27/2017 4:45	25.99	84.5	7.45	2.9	SR13	8/27/2017 10:45	25.84	82.5	7.26	3.7	SR13	8/27/2017 16:45	25.60	81.6	7.24	3.7	SR13	8/27/2017 22:45	25.70	82.7	7.29	7.5
SR13	8/27/2017 4:50	25.97	84.4	7.39	3.1	SR13	8/27/2017 10:50	25.87	82.3	7.26	3.3	SR13	8/27/2017 16:50	25.60	81.6	7.24	4.1	SR13	8/27/2017 22:50	25.72	83.2	7.35	3.7
SR13	8/27/2017 4:55	26.00	84.2	7.41	2.9	SR13	8/27/2017 10:55	25.88	82.3	7.24	3.1	SR13	8/27/2017 16:55	25.57	81.4	7.23	3.9	SR13	8/27/2017 22:55	25.73	83.2	7.34	3.5
SR13	8/27/2017 5:00	25.97	84.3	7.42	2.8	SR13	8/27/2017 11:00	25.84	82.2	7.25	3.3	SR13	8/27/2017 17:00	25.58	81.5	7.24	3.8	SR13	8/27/2017 23:00	25.72	83.2	7.37	3.6
SR13	8/27/2017 5:05	25.98	84.2	7.40	3.4	SR13	8/27/2017 11:05	25.87	82.2	7.25	3.0	SR13	8/27/2017 17:05	25.60	81.5	7.21	4.0	SR13	8/27/2017 23:05	25.71	83.3	7.35	4.2
SR13	8/27/2017 5:10	25.99	84.1	7.39	2.7	SR13	8/27/2017 11:10	25.82	82.1	7.21	3.4	SR13	8/27/2017 17:10	25.59	81.5	7.23	4.2	SR13	8/27/2017 23:10	25.73	83.5	7.38	3.9
SR13	8/27/2017 5:15	25.98	84.2	7.40	3.1	SR13	8/27/2017 11:15	25.82	82.0	7.20	3.3	SR13	8/27/2017 17:15	25.58	81.5	7.20	3.8	SR13	8/27/2017 23:15	25.72	83.6	7.39	4.0
SR13	8/27/2017 5:20	26.01	84.4	7.42	3.1	SR13	8/27/2017 11:20	25.85	82.0	7.24	3.3	SR13	8/27/2017 17:20	25.64	81.6	7.22	3.7	SR13	8/27/2017 23:20	25.74	84.0	7.39	3.7
SR13	8/27/2017 5:25	26.00	84.4	7.40	2.9	SR13	8/27/2017 11:25	25.81	81.9	7.21	3.3	SR13	8/27/2017 17:25	25.63	81.7	7.24	3.7	SR13	8/27/2017 23:25	25.74	84.0	7.39	3.8
SR13	8/27/2017 5:30	26.01	84.3	7.43	3.0	SR13	8/27/2017 11:30	25.80	81.8	7.20	3.3	SR13	8/27/2017 17:30	25.65	81.8	7.23	3.7	SR13	8/27/2017 23:30	25.71	84.0	7.39	3.6
SR13	8/27/2017 5:35	26.01	84.4	7.39	2.8	SR13	8/27/2017 11:35	25.82	81.8	7.19	3.5	SR13	8/27/2017 17:35	25.63	81.8	7.24	3.7	SR13	8/27/2017 23:35	25.75	84.1	7.40	4.1
SR13	8/27/2017 5:40	25.98	84.3	7.38	3.0	SR13	8/27/2017 11:40	25.84	81.9	7.20	3.5	SR13	8/27/2017 17:40	25.65	81.8	7.22	3.7	SR13	8/27/2017 23:40	25.70	83.6	7.35	3.7
SR13	8/27/2017 5:45	25.99	84.3	7.38	3.0	SR13	8/27/2017 11:45	25.84	81.9	7.20	3.5	SR13	8/27/2017 17:45	25.64	81.9	7.24	3.8	SR13	8/27/2017 23:45	25.73	83.5	7.38	3.7
SR13	8/27/2017 5:50	25.98	84.3	7.41	3.1	SR13	8/27/2017 11:50	25.83	81.9	7.23	3.5	SR13	8/27/2017 17:50	25.65	82.0	7.27	3.7	SR13	8/27/2017 23:50	25.71	83.6	7.38	3.9
SR13	8/27/2017 5:55	26.01	84.3	7.41	3.1	SR13	8/27/2017 11:55	25.80	82.0	7.20	3.5	SR13	8/27/2017 17:55	25.66	82.1	7.26	3.9	SR13	8/27/2017 23:55	25.72	83.6	7.40	3.5

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	8/27/2017 0:17	0.15				SR12	8/27/2017 0:17	0.16			
SR4	8/27/2017 0:37	0.16				SR12	8/27/2017 0:37	0.15			
SR4	8/27/2017 0:57	0.16				SR12	8/27/2017 0:57	0.16			
SR4	8/27/2017 1:17	0.17				SR12	8/27/2017 1:17	0.15			
SR4	8/27/2017 1:37	0.16				SR12	8/27/2017 1:37	0.16			
SR4	8/27/2017 1:57	0.17				SR12	8/27/2017 1:57	0.16			
SR4	8/27/2017 2:17	0.16				SR12	8/27/2017 2:17	0.18			
SR4	8/27/2017 2:37	0.17				SR12	8/27/2017 2:37	0.15			
SR4	8/27/2017 2:57	0.16				SR12	8/27/2017 2:57	0.18			
SR4	8/27/2017 3:17	0.16				SR12	8/27/2017 3:17	0.16			
SR4	8/27/2017 3:37	0.15				SR12	8/27/2017 3:37	0.18			
SR4	8/27/2017 3:57	0.14				SR12	8/27/2017 3:57	0.17			
SR4	8/27/2017 4:17	0.14				SR12	8/27/2017 4:17	0.15			
SR4	8/27/2017 4:37	0.13				SR12	8/27/2017 4:37	0.15			
SR4	8/27/2017 4:57	0.11				SR12	8/27/2017 4:57	0.15			
SR4	8/27/2017 5:17	0.13				SR12	8/27/2017 5:17	0.12			
SR4	8/27/2017 5:37	0.16				SR12	8/27/2017 5:37	0.13			
SR4	8/27/2017 5:57	0.15				SR12	8/27/2017 5:57	0.13			
SR4						SR12					
SR4	8/27/2017 6:37	0.11				SR12	8/27/2017 6:37	0.14			
SR4	8/27/2017 6:57	0.10				SR12	8/27/2017 6:57	0.12			
SR4	8/27/2017 7:17	0.10				SR12	8/27/2017 7:17	0.11			
SR4	8/27/2017 7:37	0.12				SR12	8/27/2017 7:37	0.14			
SR4	8/27/2017 7:57	0.13				SR12	8/27/2017 7:57	0.14			
SR4	8/27/2017 8:17	0.12				SR12	8/27/2017 8:17	0.11			
SR4	8/27/2017 8:37	0.13				SR12	8/27/2017 8:37	0.14			
SR4	8/27/2017 8:57	0.12				SR12	8/27/2017 8:57	0.13			
SR4	8/27/2017 9:17	0.11				SR12	8/27/2017 9:17	0.14			
SR4	8/27/2017 9:37	0.11				SR12	8/27/2017 9:37	0.11			
SR4	8/27/2017 9:57	0.12				SR12	8/27/2017 9:57	0.12			
SR4	8/27/2017 10:17	0.12				SR12	8/27/2017 10:17	0.11			
SR4	8/27/2017 10:37	0.11				SR12	8/27/2017 10:37	0.12			
SR4	8/27/2017 10:57	0.10				SR12	8/27/2017 10:57	0.10			
SR4	8/27/2017 11:17	0.12				SR12	8/27/2017 11:17	0.12			
SR4	8/27/2017 11:37	0.11				SR12	8/27/2017 11:37	0.12			
SR4	8/27/2017 11:57	0.13				SR12	8/27/2017 11:57	0.12			
SR4	8/27/2017 12:17	0.12				SR12	8/27/2017 12:17	0.10			
SR4	8/27/2017 12:37	0.10				SR12	8/27/2017 12:37	0.09			
SR4	8/27/2017 12:57	0.11				SR12	8/27/2017 12:57	0.11			
SR4	8/27/2017 13:17	0.13				SR12	8/27/2017 13:17	0.12			
SR4	8/27/2017 13:37	0.13				SR12	8/27/2017 13:37	0.09			
SR4	8/27/2017 13:57	0.10				SR12	8/27/2017 13:57	0.09			
SR4	8/27/2017 14:17	0.13				SR12	8/27/2017 14:17	0.13			
SR4	8/27/2017 14:37	0.10				SR12	8/27/2017 14:37	0.13			
SR4	8/27/2017 14:57	0.10				SR12	8/27/2017 14:57	0.10			
SR4	8/27/2017 15:17	0.10				SR12	8/27/2017 15:17	0.12			
SR4	8/27/2017 15:37	0.11				SR12	8/27/2017 15:37	0.09			
SR4	8/27/2017 15:57	0.10				SR12	8/27/2017 15:57	0.12			
SR4	8/27/2017 16:17	0.11				SR12	8/27/2017 16:17	0.11			
SR4	8/27/2017 16:37	0.12				SR12	8/27/2017 16:37	0.12			
SR4	8/27/2017 16:57	0.11				SR12	8/27/2017 16:57	0.11			
SR4	8/27/2017 17:17	0.10				SR12	8/27/2017 17:17	0.09			
SR4	8/27/2017 17:37	0.13				SR12	8/27/2017 17:37	0.11			
SR4	8/27/2017 17:57	0.11				SR12	8/27/2017 17:57	0.10			
SR4	8/27/2017 18:17	0.11				SR12	8/27/2017 18:17	0.09			
SR4	8/27/2017 18:37	0.12				SR12	8/27/2017 18:37	0.12			
SR4	8/27/2017 18:57	0.12				SR12	8/27/2017 18:57	0.12			
SR4	8/27/2017 19:17	0.11				SR12	8/27/2017 19:17	0.10			
SR4	8/27/2017 19:37	0.10				SR12	8/27/2017 19:37	0.12			
SR4	8/27/2017 19:57	0.12				SR12	8/27/2017 19:57	0.12			
SR4	8/27/2017 20:17	0.11				SR12	8/27/2017 20:17	0.12			
SR4	8/27/2017 20:37	0.13				SR12	8/27/2017 20:37	0.12			
SR4	8/27/2017 20:57	0.12				SR12	8/27/2017 20:57	0.12			
SR4	8/27/2017 21:17	0.10				SR12	8/27/2017 21:17	0.09			
SR4	8/27/2017 21:37	0.11				SR12	8/27/2017 21:37	0.10			
SR4	8/27/2017 21:57	0.13				SR12	8/27/2017 21:57	0.12			
SR4	8/27/2017 22:17	0.13				SR12	8/27/2017 22:17	0.10			
SR4	8/27/2017 22:37	0.10				SR12	8/27/2017 22:37	0.11			
SR4	8/27/2017 22:57	0.13				SR12	8/27/2017 22:57	0.11			
SR4	8/27/2017 23:17	0.10				SR12	8/27/2017 23:17	0.09			
SR4	8/27/2017 23:37	0.10				SR12	8/27/2017 23:37	0.12			
SR4	8/27/2017 23:57	0.10				SR12	8/27/2017 23:57	0.12			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR4	8/28/2017 0:01	26.43	81.7	7.13	3.2	SR4	8/28/2017 6:01	26.28	78.5	6.90	3.6	SR4	8/28/2017 12:01	26.95	73.6	6.03	3.8	SR4	8/28/2017 18:01	27.29	74.5	6.21	3.7
SR4	8/28/2017 0:06	26.45	81.7	7.16	3.2	SR4	8/28/2017 6:06	26.31	78.5	6.86	3.6	SR4	8/28/2017 12:06	26.76	73.6	6.02	3.8	SR4	8/28/2017 18:06	27.31	74.5	6.23	3.7
SR4	8/28/2017 0:11	26.45	81.7	7.13	3.2	SR4	8/28/2017 6:11	26.30	78.5	6.87	3.6	SR4	8/28/2017 12:11	26.73	73.5	6.02	3.8	SR4	8/28/2017 18:11	27.33	74.6	6.23	3.7
SR4	8/28/2017 0:16	26.42	81.7	7.14	3.3	SR4	8/28/2017 6:16	26.29	78.5	6.90	3.6	SR4						SR4	8/28/2017 18:16	27.30	74.6	6.24	3.7
SR4	8/28/2017 0:21	26.28	81.5	6.99	3.3	SR4	8/28/2017 6:21	26.28	78.5	6.90	3.6	SR4						SR4	8/28/2017 18:21	27.36	74.7	6.23	3.7
SR4	8/28/2017 0:26	26.25	81.2	6.96	3.3	SR4	8/28/2017 6:26	26.32	78.5	6.92	3.6	SR4						SR4	8/28/2017 18:26	27.37	74.8	6.25	3.7
SR4	8/28/2017 0:31	26.26	81.3	6.97	3.4	SR4	8/28/2017 6:31	26.28	78.5	6.89	3.6	SR4						SR4	8/28/2017 18:31	27.34	74.9	6.28	3.7
SR4	8/28/2017 0:36	26.26	81.0	6.96	3.3	SR4	8/28/2017 6:36	26.32	78.5	6.88	3.6	SR4						SR4	8/28/2017 18:36	27.39	74.9	6.26	3.7
SR4	8/28/2017 0:41	26.26	81.5	6.97	3.4	SR4	8/28/2017 6:41	26.29	78.5	6.90	3.6	SR4						SR4	8/28/2017 18:41	27.38	75.1	6.27	3.7
SR4	8/28/2017 0:46	26.27	81.3	6.95	3.4	SR4	8/28/2017 6:46	26.33	78.5	6.93	3.6	SR4						SR4	8/28/2017 18:46	27.39	75.1	6.28	3.7
SR4	8/28/2017 0:51	26.24	81.0	6.96	3.4	SR4	8/28/2017 6:51	26.31	78.5	6.88	3.6	SR4						SR4	8/28/2017 18:51	27.39	75.3	6.29	3.7
SR4	8/28/2017 0:56	26.27	81.1	6.98	3.4	SR4	8/28/2017 6:56	26.34	78.5	6.89	3.6	SR4						SR4	8/28/2017 18:56	27.58	79.0	6.35	3.6
SR4	8/28/2017 1:01	26.26	82.5	7.08	3.4	SR4	8/28/2017 7:01	26.09	78.7	6.78	3.6	SR4						SR4	8/28/2017 19:01	27.60	79.5	6.39	3.6
SR4	8/28/2017 1:06	26.27	81.7	7.02	3.4	SR4	8/28/2017 7:06	26.12	78.8	6.79	3.6	SR4						SR4	8/28/2017 19:06	27.60	79.0	6.35	3.6
SR4	8/28/2017 1:11	26.26	81.2	6.99	3.4	SR4	8/28/2017 7:11	26.12	79.1	6.80	3.5	SR4						SR4	8/28/2017 19:11	27.61	79.7	6.41	3.6
SR4	8/28/2017 1:16	26.23	81.1	6.96	3.5	SR4	8/28/2017 7:16	26.13	79.1	6.81	3.6	SR4						SR4	8/28/2017 19:16	27.60	80.0	6.43	3.5
SR4	8/28/2017 1:21	26.29	81.3	7.00	3.7	SR4	8/28/2017 7:21	26.12	79.0	6.80	3.6	SR4						SR4	8/28/2017 19:21	27.61	79.8	6.40	3.5
SR4	8/28/2017 1:26	26.26	81.6	7.03	3.5	SR4	8/28/2017 7:26	26.35	77.9	6.69	3.6	SR4						SR4	8/28/2017 19:26	27.67	79.4	6.37	3.5
SR4	8/28/2017 1:31	26.29	81.6	7.02	3.5	SR4	8/28/2017 7:31	26.39	77.8	6.63	3.6	SR4	8/28/2017 13:31	26.90	72.2	5.95	3.8	SR4	8/28/2017 19:31	27.68	79.8	6.40	3.5
SR4	8/28/2017 1:36	26.29	81.3	7.01	3.6	SR4	8/28/2017 7:36	26.44	77.8	6.65	3.6	SR4	8/28/2017 13:36	26.93	72.2	5.96	3.9	SR4	8/28/2017 19:36	27.67	78.9	6.34	3.5
SR4	8/28/2017 1:41	26.26	81.1	6.96	3.6	SR4	8/28/2017 7:41	26.48	76.7	6.55	3.5	SR4	8/28/2017 13:41	26.93	72.2	5.99	4.0	SR4	8/28/2017 19:41	27.66	78.4	6.29	3.5
SR4	8/28/2017 1:46	26.28	81.1	7.00	3.6	SR4	8/28/2017 7:46	26.54	76.4	6.50	3.6	SR4	8/28/2017 13:46	26.96	72.2	5.97	3.9	SR4	8/28/2017 19:46	27.69	78.6	6.31	3.5
SR4	8/28/2017 1:51	26.27	80.7	6.93	3.5	SR4	8/28/2017 7:51	26.61	75.8	6.45	3.6	SR4	8/28/2017 13:51	26.93	72.2	5.98	3.9	SR4	8/28/2017 19:51	27.69	78.1	6.27	3.5
SR4	8/28/2017 1:56	26.26	80.4	6.94	3.5	SR4	8/28/2017 7:56	26.69	75.4	6.40	3.5	SR4	8/28/2017 13:56	26.97	72.2	5.97	3.9	SR4	8/28/2017 19:56	27.70	77.6	6.22	3.5
SR4	8/28/2017 2:01	26.24	80.1	6.91	3.5	SR4	8/28/2017 8:01	26.71	75.3	6.39	3.6	SR4	8/28/2017 14:01	26.94	72.2	5.98	3.9	SR4	8/28/2017 20:01	27.68	77.6	6.23	3.6
SR4	8/28/2017 2:06	26.22	79.7	6.87	3.5	SR4	8/28/2017 8:06	26.76	75.4	6.37	3.5	SR4	8/28/2017 14:06	26.89	72.2	5.96	3.9	SR4	8/28/2017 20:06	27.69	77.0	6.18	3.5
SR4	8/28/2017 2:11	26.22	79.5	6.84	3.5	SR4	8/28/2017 8:11	26.81	75.3	6.37	3.5	SR4	8/28/2017 14:11	26.91	72.2	5.97	3.9	SR4	8/28/2017 20:11	27.65	76.8	6.16	3.5
SR4	8/28/2017 2:16	26.21	79.4	6.86	3.6	SR4	8/28/2017 8:16	26.85	75.5	6.40	3.6	SR4	8/28/2017 14:16	26.89	72.2	5.96	4.0	SR4	8/28/2017 20:16	27.66	76.9	6.17	3.5
SR4	8/28/2017 2:21	26.22	79.0	6.81	3.5	SR4	8/28/2017 8:21	26.90	75.4	6.36	3.6	SR4	8/28/2017 14:21	26.88	72.2	5.97	3.9	SR4	8/28/2017 20:21	27.67	76.9	6.17	3.5
SR4	8/28/2017 2:26	26.18	78.0	6.74	3.6	SR4	8/28/2017 8:26	26.93	75.2	6.34	3.6	SR4	8/28/2017 14:26	26.87	72.2	5.99	3.8	SR4	8/28/2017 20:26	27.68	75.9	6.09	3.5
SR4	8/28/2017 2:31	26.19	77.9	6.73	3.5	SR4	8/28/2017 8:31	26.98	75.0	6.33	3.5	SR4	8/28/2017 14:31	26.88	72.2	5.98	3.8	SR4	8/28/2017 20:31	27.68	76.8	6.16	3.5
SR4	8/28/2017 2:36	26.19	78.3	6.77	3.5	SR4	8/28/2017 8:36	26.86	74.9	6.32	3.6	SR4	8/28/2017 14:36	26.87	72.2	5.96	3.8	SR4	8/28/2017 20:36	27.68	76.3	6.12	3.5
SR4	8/28/2017 2:41	26.18	78.3	6.78	3.5	SR4	8/28/2017 8:41	26.89	75.4	6.43	3.5	SR4	8/28/2017 14:41	26.89	72.1	5.95	3.8	SR4	8/28/2017 20:41	27.65	76.4	6.14	3.5
SR4	8/28/2017 2:46	26.16	78.2	6.77	3.5	SR4	8/28/2017 8:46	26.89	75.3	6.43	3.4	SR4	8/28/2017 14:46	26.85	72.1	5.97	3.8	SR4	8/28/2017 20:46	27.65	76.3	6.12	3.5
SR4	8/28/2017 2:51	26.17	78.7	6.79	3.5	SR4	8/28/2017 8:51	26.90	75.3	6.40	3.5	SR4	8/28/2017 14:51	26.84	72.1	6.00	3.8	SR4	8/28/2017 20:51	27.65	77.1	6.19	3.5
SR4	8/28/2017 2:56	26.19	79.7	6.86	3.5	SR4	8/28/2017 8:56	26.87	75.3	6.39	3.5	SR4	8/28/2017 14:56	26.87	72.0	5.95	3.7	SR4	8/28/2017 20:56	27.65	75.3	6.05	3.5
SR4	8/28/2017 3:01	26.17	79.3	6.83	3.6	SR4	8/28/2017 9:01	26.91	75.3	6.41	3.5	SR4	8/28/2017 15:01	26.87	72.0	5.99	3.8	SR4	8/28/2017 21:01	27.66	77.0	6.18	3.5
SR4	8/28/2017 3:06	26.19	79.0	6.83	3.6	SR4	8/28/2017 9:06	26.89	75.4	6.44	3.5	SR4	8/28/2017 15:06	26.87	72.0	5.96	3.7	SR4	8/28/2017 21:06	27.65	77.0	6.19	3.6
SR4	8/28/2017 3:11	26.19	78.9	6.79	3.5	SR4	8/28/2017 9:11	26.91	75.4	6.42	3.5	SR4	8/28/2017 15:11	26.87	72.0	5.98	3.7	SR4	8/28/2017 21:11	27.63	76.1	6.12	3.5
SR4	8/28/2017 3:16	26.18	78.8	6.81	3.6	SR4	8/28/2017 9:16	26.88	75.4	6.43	3.5	SR4	8/28/2017 15:16	26.82	72.0	5.96	3.7	SR4	8/28/2017 21:16	27.59	76.3	6.14	3.5
SR4	8/28/2017 3:21	26.20	78.7	6.77	3.6	SR4	8/28/2017 9:21	26.91	75.5	6.46	3.5	SR4	8/28/2017 15:21	26.88	72.0	5.97	3.7	SR4	8/28/2017 21:21	27.63	75.9	6.09	3.5
SR4	8/28/2017 3:26	26.17	78.8	6.80	3.5	SR4	8/28/2017 9:26	26.88	75.5	6.45	3.5	SR4	8/28/2017 15:26	26.86	72.0	5.96	3.7	SR4	8/28/2017 21:26	27.59	76.6	6.16	3.4
SR4	8/28/2017 3:31	26.19	78.2	6.73	3.5	SR4	8/28/2017 9:31	26.90	75.5	6.47	3.5	SR4	8/28/2017 15:31	26.86	72.0	5.97	3.7	SR4	8/28/2017 21:31	27.62	75.8	6.09	3.4
SR4	8/28/2017 3:36	26.18	78.2	6.74	3.5	SR4	8/28/2017 9:36	26.91	75.5	6.46	3.6	SR4	8/28/2017 15:36	26.90	71.9	5.99	3.7	SR4	8/28/2017 21:36	27.65	75.4	6.05	3.4
SR4	8/28/2017 3:41	26.19	77.9	6.72	3.5	SR4	8/28/2017 9:41	26.87	75.5	6.45	3.6	SR4	8/28/2017 15:41	26.89	71.9	5.97	3.7	SR4	8/28/2017 21:41	27.60	77.3	6.21	3.4
SR4	8/28/2017 3:46	26.18	77.4	6.67	3.5	SR4	8/28/2017 9:46	26.91	75.5	6.48	3.5	SR4	8/28/2017 15:46	26.94	71.9	5.95	3.7	SR4	8/28/2017 21:46	27.61	77.1	6.20	3.4
SR4	8/28/2017 3:51	26.16	77.3	6.67	3.6	SR4	8/28/2017 9:51	26.88	75.5	6.45	3.5	SR4	8/28/2017 15:51	26.91	71.9	5.96	3.7	SR4	8/28/2017 21:51	27.58	77.7	6.25	3.5
SR4	8/28/2017 3:56	26.18	77.7	6.68	3.6	SR4	8/28/2017 9:56	26.74	74.5	6.22	3.5	SR4	8/28/2017 15:56	26.90	71.9	5.97	3.7	SR4	8/28/2017 21:56	27.56	78.1	6.29	3.4
SR4	8/28/2017 4:01	26.22	77.9	6.75	3.6	SR4	8/28/2017 10:01	26.93	74.4	6.18	3.5	SR4	8/28/2017 16:01	26.92	72.0	6.00	3.7	SR4	8/28/2017 22:01	27.58	76.8	6.17	3.6
SR4	8/28/2017 4:06	26.21	77.8	6.74	3.6	SR4	8/28/2017 10:06	26.75	74.2	6.16	3.6	SR4	8/28/2017 16:06	26.93	71.9	5.99	3.7	SR4	8/28/2017 22:06	27.57	78.6	6.32	3.4
SR4	8/28/2017 4:11	26.20	77.8	6.75	3.6	SR4	8/28/2017 10:11	26.82	74.2	6.15	3.6	SR4	8/28/2017 16:11	26.92	71.9	5.98	3.7	SR4	8/28/2017 22:11	27.57	78.4	6.30	3.4
SR4	8/28/2017 4:16	26.21	77.8	6.74	3.5	SR4	8/28/2017 10:16	26.90	74.0	6.12	3.6	SR4	8/28/2017 16:16	26.92	71.9	6.00	3.9	SR4	8/28/2017 22:16	27.57	77.8	6.26	3.4
SR4	8/28/2017 4:21	26.22	78.0	6.76	3.6	SR4	8/28/2017 10:21	26.87	74.2	6.15	3.7	SR4	8/28/2017 16:21	26.93	71.9	6.01	3.7	SR4	8/28/2017 22:21	27.56	77.7	6.25	3.4
SR4	8/28/2017 4:26	26.22	78.1	6.76	3.6	SR4	8/28/2017 10:26	26.96	74.1	6.12	3.7	SR4	8/28/2017 16:26	26.92	71.9	5.97	3.7	SR4	8/28/2017 22:26	27.58	76.8	6.17	3.4
SR4	8/28/2017 4:31	26.26	78.1	6.80	3.6	SR4	8/28/2017 10:31	26.84	74.0	6.12	3.6	SR4	8/28/2017 16:31	27.00	72.3	6.05	3.7	SR4	8/28/2017 22:31	27.58	76.5	6.15	3.5
SR4	8/28/2017 4:36	26.24	78.2	6.78	3.6	SR4	8/28/2017 10:36	26.91	74.0	6.12	3.6	SR4	8/28/2017 16:36	27.01	72.5	6.04	3.7	SR4	8/28/2017 22:36	27.58	76.8	6.18	3.5
SR4	8/28/2017 4:41	26.27	78.3	6.83	3.6	SR4	8/28/2017 10:41	26.98	73.8	6.10	3.6	SR4	8/28/2017 16:41	27.06	72.6	6.03	3.9	SR4	8/28/2017 22:41	27.57	77.0	6.19	3.4
SR4	8/28/2017 4:46	26.29	78.2	6.80	3.5	SR4	8/28/2017 10:46	26.78	73.7	6.09	3.6	SR4	8/28/2017 16:46	27.06	72.7	6.04	3.8	SR4	8/28/2017 22:46	27.56	77.3	6.22	3.4
SR4	8/28/2017 4:51	26.25	78.2	6.81	3.5	SR4	8/28/2017 10:51	26.90	73.6	6.08	3.6	SR4	8/28/2017 16:51	27.07	72.8	6.04	3.7	SR4	8/28/2017 22:51	27.55	77.5	6.24	3.4
SR4	8/28/2017 4:56	26.27	78.2	6.80	3.5	SR4	8/28/2017 10:56	26.77	73.5	6.09	3.6	SR4	8/28/2017 16:56	27.08	73.0	6.08	3.8	SR4	8/28/2017 22:56	27.53	77.6	6.25	3.4
SR4	8/28/2017 5:01	26.30	78.4	6.82	3.5	SR4	8/28/2017 11:01	26.75	73.5	6.07	3.6	SR4	8/28/2017 17:01	27.13	73.1	6.06	3.8	SR4	8/28/2017 23:01	27.54	77.7	6.26	3.5
SR4	8/28/2017 5:06	26.31	78.4	6.82	3.6	SR4	8/28/2017 11:06	26.98	73.6	6.05	3.6	SR4	8/28/2017 17:06	27.13	73.2	6.11	3.8	SR4	8/28/2017 23:06	27.54	77.8	6.26	3.5
SR4	8/28/2017 5:11	26.27	78.5	6.83	3.6	SR4	8/28/2017 11:11	26.88	73.5	6.06	3.7	SR4	8/28/2017 17:11	27.16	73.4	6.12	3.8	SR4	8/28/2017 23:11	27.54	77.8	6.26	3.4
SR4	8/28/2017 5:16	26.28	78.4	6.86	3.6	SR4	8/28/2017 11:16	26.95	73.5	6.05	3.7	SR4	8/28/2017 17:16	27.16	73.5	6.13	3.8	SR4	8/28/2017 23:16	27.54	77.5	6.23	3.5
SR4	8/28/2017 5:21	26.30	78.4	6.83	3.6	SR4	8/28/2017 11:21	26.93	73.3	6.05	3.7	SR4	8/28/2017 17:21	27.21	73.6	6.12	3.8	SR4	8/28/2017 23:21	27.54	77.4	6.23	3.4
SR4	8/28/2017 5:26	26.32	78.5	6.84	3.6	SR4	8/28/2017 11:26	26.74	73.2	6.03	3.7	SR4	8/28/2017 17:26	27.19	73.7	6.16	3.8	SR4	8/28/2017 23:26	27.55	77.0	6.19	3.3
SR4	8/28/2017 5:31	26.32	78.5	6.86	3.7	SR4	8/28/2017 11:31	26.82	73.2	6.03	3.8	SR4	8/28/2017 17:31	27.24	73.8	6.15	3.8	SR4	8/28/2017 23:31	27.56	76.8	6.17	3.4
SR4	8/28/2017 5:36	26.30	78.5	6.85	3.6	SR4	8/28/2017 11:36	26.88	73.3	6.02	3.7	SR4	8/28/2017 17:36	27.22	73.9	6.16	3.8	SR4	8/28/2017 23:36	27.55	77.2	6.25	3.4
SR4	8/28/2017 5:41	26.31	78.4	6.86	3.6	SR4	8/28/2017 11:41	26.82	73.3	6.02	3.7	SR4	8/28/2017 17:41	27.23	74.1	6.19	3.8	SR4	8/28/2017 23:41	27.60	77.1	6.22	3.3
SR4	8/28/2017 5:46	26.29	78.5	6.89	3.6	SR4	8/28/2017 11:46	26.76	73.4	6.05	3.8	SR4	8/28/2017 17:46	27.23	74.1	6.20	3.7	SR4	8/28/2017 23:46	27.58	77.0	6.22	3.3
SR4	8/28/2017 5:51	26.33	78.5	6.84	3.6	SR4	8/28/2017 11:51	26.79	73.7	6.06	3.9	SR4	8/28/2017 17:51	27.25	74.3	6.18	3.7	SR4	8/28/2017 23:51	27.61	76.9	6.22	3.4
SR4	8/28/2017 5:56	26.32	78.5	6.90	3.6	SR4	8/28/2017 11:56	26.88	73.5	6.04	3.7	SR4	8/28/2017 17:56	27.28	74.4	6.19	3.7	SR4	8/28/2017 23:56	27.59	76.9	6.22	3.5

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR5	8/28/2017 0:00	26.88	80.8	6.72	1.9	SR5	8/28/2017 6:00	26.71	77.7	6.47	2.2	SR5	8/28/2017 12:00	27.26	73.3	5.91	1.9	SR5	8/28/2017 18:00	27.64	83.0	6.46	2.4
SR5	8/28/2017 0:05	26.88	81.5	6.79	1.9	SR5	8/28/2017 6:05	26.73	78.0	6.49	1.8	SR5	8/28/2017 12:05	27.13	73.3	5.91	2.2	SR5	8/28/2017 18:05	27.64	83.0	6.46	2.7
SR5	8/28/2017 0:10	26.87	81.0	6.74	2.1	SR5	8/28/2017 6:10	26.73	77.9	6.48	1.9	SR5	8/28/2017 12:10	27.11	72.9	5.88	1.9	SR5	8/28/2017 18:10	27.64	82.2	6.40	2.5
SR5	8/28/2017 0:15	26.88	80.3	6.70	2.0	SR5	8/28/2017 6:15	26.73	77.7	6.47	2.0	SR5	8/28/2017 12:15	27.24	72.8	5.86	2.0	SR5	8/28/2017 18:15	27.61	80.1	6.24	2.2
SR5	8/28/2017 0:20	26.86	79.8	6.65	2.2	SR5	8/28/2017 6:20	26.74	77.8	6.47	2.2	SR5	8/28/2017 12:20	27.14	73.0	5.89	1.9	SR5	8/28/2017 18:20	27.61	79.9	6.23	3.2
SR5	8/28/2017 0:25	26.84	79.5	6.62	2.1	SR5	8/28/2017 6:25	26.75	78.2	6.52	2.4	SR5	8/28/2017 12:25	27.29	73.0	5.88	2.5	SR5	8/28/2017 18:25	27.61	80.6	6.28	3.9
SR5	8/28/2017 0:30	26.84	79.4	6.62	2.0	SR5	8/28/2017 6:30	26.73	78.4	6.51	2.0	SR5	8/28/2017 12:30	27.29	72.6	5.85	2.0	SR5	8/28/2017 18:30	27.60	82.3	6.41	2.4
SR5	8/28/2017 0:35	26.85	79.1	6.60	2.3	SR5	8/28/2017 6:35	26.75	77.5	6.45	3.1	SR5	8/28/2017 12:35	27.26	72.4	5.84	1.9	SR5	8/28/2017 18:35	27.60	81.1	6.31	2.9
SR5	8/28/2017 0:40	26.85	80.1	6.66	2.2	SR5	8/28/2017 6:40	26.76	78.0	6.50	2.8	SR5	8/28/2017 12:40	27.24	72.0	5.81	2.4	SR5	8/28/2017 18:40	27.62	82.6	6.43	3.9
SR5	8/28/2017 0:45	26.85	79.9	6.64	2.0	SR5	8/28/2017 6:45	26.75	78.1	6.49	2.0	SR5	8/28/2017 12:45	27.16	72.1	5.81	2.4	SR5	8/28/2017 18:45	27.62	82.1	6.39	3.1
SR5	8/28/2017 0:50	26.83	79.4	6.62	2.3	SR5	8/28/2017 6:50	26.73	78.0	6.48	3.0	SR5	8/28/2017 12:50	27.24	71.9	5.80	2.1	SR5	8/28/2017 18:50	27.61	82.9	6.45	2.2
SR5	8/28/2017 0:55	26.85	79.7	6.65	2.6	SR5	8/28/2017 6:55	26.75	78.1	6.52	2.4	SR5	8/28/2017 12:55	27.12	71.2	5.73	1.9	SR5	8/28/2017 18:55	27.61	83.4	6.49	2.7
SR5	8/28/2017 1:00	26.87	82.5	6.86	2.3	SR5	8/28/2017 7:00	26.72	78.3	6.53	2.4	SR5	8/28/2017 13:00	27.24	71.7	5.79	2.0	SR5	8/28/2017 19:00	27.64	83.1	6.46	2.2
SR5	8/28/2017 1:05	26.87	80.9	6.74	2.1	SR5	8/28/2017 7:05	26.74	78.3	6.53	2.3	SR5	8/28/2017 13:05	27.24	71.1	5.73	2.1	SR5	8/28/2017 19:05	27.68	82.4	6.41	2.6
SR5	8/28/2017 1:10	26.85	79.9	6.67	2.3	SR5	8/28/2017 7:10	26.74	78.6	6.55	3.0	SR5	8/28/2017 13:10	27.15	71.1	5.73	2.2	SR5	8/28/2017 19:10	27.70	83.1	6.46	2.3
SR5	8/28/2017 1:15	26.82	79.8	6.65	2.0	SR5	8/28/2017 7:15	26.76	78.5	6.55	3.2	SR5	8/28/2017 13:15	27.27	70.7	5.71	2.4	SR5	8/28/2017 19:15	27.68	81.6	6.35	2.3
SR5	8/28/2017 1:20	26.89	80.2	6.69	2.2	SR5	8/28/2017 7:20	26.76	78.4	6.54	2.2	SR5	8/28/2017 13:20	27.27	70.8	5.72	1.8	SR5	8/28/2017 19:20	27.67	81.5	6.34	2.3
SR5	8/28/2017 1:25	26.88	80.8	6.74	2.3	SR5	8/28/2017 7:25	26.91	77.6	6.46	3.3	SR5	8/28/2017 13:25	27.21	70.7	5.70	2.3	SR5	8/28/2017 19:25	27.71	81.6	6.34	2.4
SR5	8/28/2017 1:30	26.92	80.8	6.73	1.9	SR5	8/28/2017 7:30	26.93	77.6	6.43	1.9	SR5	8/28/2017 13:30	27.26	70.7	5.70	2.2	SR5	8/28/2017 19:30	27.70	81.0	6.30	2.4
SR5	8/28/2017 1:35	26.91	80.3	6.70	2.0	SR5	8/28/2017 7:35	26.96	77.7	6.45	2.4	SR5	8/28/2017 13:35	27.15	70.8	5.69	2.1	SR5	8/28/2017 19:35	27.69	80.4	6.25	2.7
SR5	8/28/2017 1:40	26.90	80.0	6.66	2.0	SR5	8/28/2017 7:40	27.00	75.7	6.28	1.8	SR5	8/28/2017 13:40	27.27	70.8	5.72	1.9	SR5	8/28/2017 19:40	27.68	80.3	6.25	2.4
SR5	8/28/2017 1:45	26.91	80.0	6.68	2.0	SR5	8/28/2017 7:45	27.04	75.4	6.24	2.2	SR5	8/28/2017 13:45	27.14	70.6	5.69	2.3	SR5	8/28/2017 19:45	27.69	79.6	6.19	2.4
SR5	8/28/2017 1:50	26.90	79.2	6.60	2.3	SR5	8/28/2017 7:50	27.09	74.7	6.19	2.0	SR5	8/28/2017 13:50	27.29	70.6	5.67	2.2	SR5	8/28/2017 19:50	27.66	80.0	6.22	2.0
SR5	8/28/2017 1:55	26.88	78.7	6.58	2.6	SR5	8/28/2017 7:55	27.15	74.2	6.13	2.2	SR5	8/28/2017 13:55	27.17	70.8	5.71	2.2	SR5	8/28/2017 19:55	27.65	79.4	6.18	2.5
SR5	8/28/2017 2:00	26.87	78.2	6.54	3.3	SR5	8/28/2017 8:00	27.16	74.2	6.13	2.1	SR5	8/28/2017 14:00	27.18	70.6	5.67	2.3	SR5	8/28/2017 20:00	27.70	79.8	6.20	2.1
SR5	8/28/2017 2:05	26.86	77.4	6.47	2.2	SR5	8/28/2017 8:05	27.19	74.6	6.14	2.1	SR5	8/28/2017 14:05	26.27	70.1	5.65	2.1	SR5	8/28/2017 20:05	27.69	78.6	6.11	2.2
SR5	8/28/2017 2:10	26.85	77.2	6.45	2.0	SR5	8/28/2017 8:10	27.22	74.6	6.15	2.2	SR5	8/28/2017 14:10	26.28	70.3	5.65	2.1	SR5	8/28/2017 20:10	27.70	79.8	6.20	2.3
SR5	8/28/2017 2:15	26.84	77.1	6.45	2.3	SR5	8/28/2017 8:15	27.24	75.0	6.19	1.9	SR5	8/28/2017 14:15	26.37	70.3	5.64	2.1	SR5	8/28/2017 20:15	27.69	79.4	6.17	2.5
SR5	8/28/2017 2:20	26.84	76.2	6.38	2.6	SR5	8/28/2017 8:20	27.27	75.0	6.17	2.0	SR5	8/28/2017 14:20	26.46	70.3	5.65	2.1	SR5	8/28/2017 20:20	27.67	78.6	6.11	2.8
SR5	8/28/2017 2:25	26.80	74.3	6.23	2.6	SR5	8/28/2017 8:25	27.29	75.0	6.17	2.0	SR5	8/28/2017 14:25	26.46	70.6	5.68	2.2	SR5	8/28/2017 20:25	27.66	79.8	6.21	2.4
SR5	8/28/2017 2:30	26.80	74.2	6.22	2.3	SR5	8/28/2017 8:30	27.33	74.3	6.12	2.2	SR5	8/28/2017 14:30	26.50	70.8	5.69	2.0	SR5	8/28/2017 20:30	27.67	79.5	6.18	2.2
SR5	8/28/2017 2:35	26.80	75.0	6.29	2.2	SR5	8/28/2017 8:35	27.25	74.3	6.11	1.5	SR5	8/28/2017 14:35	26.56	71.1	5.72	2.1	SR5	8/28/2017 20:35	27.66	77.8	6.05	2.2
SR5	8/28/2017 2:40	26.80	75.1	6.31	2.8	SR5	8/28/2017 8:40	27.27	74.2	6.10	2.3	SR5	8/28/2017 14:40	26.56	69.3	5.57	2.1	SR5	8/28/2017 20:40	27.67	78.6	6.11	2.8
SR5	8/28/2017 2:45	26.77	75.0	6.30	2.3	SR5	8/28/2017 8:45	27.19	73.5	6.02	2.0	SR5	8/28/2017 14:45	26.53	69.4	5.59	2.3	SR5	8/28/2017 20:45	27.65	79.1	6.16	2.5
SR5	8/28/2017 2:50	26.78	76.0	6.36	2.1	SR5	8/28/2017 8:50	27.33	72.7	5.98	1.8	SR5	8/28/2017 14:50	26.40	68.7	5.54	2.3	SR5	8/28/2017 20:50	27.64	78.1	6.08	2.2
SR5	8/28/2017 2:55	26.83	78.2	6.52	2.4	SR5	8/28/2017 8:55	27.16	72.6	5.96	1.9	SR5	8/28/2017 14:55	26.28	69.0	5.56	1.9	SR5	8/28/2017 20:55	27.63	78.8	6.13	2.3
SR5	8/28/2017 3:00	26.81	77.4	6.46	2.5	SR5	8/28/2017 9:00	27.30	73.2	5.99	2.0	SR5	8/28/2017 15:00	26.24	69.7	5.60	2.4	SR5	8/28/2017 21:00	27.62	78.1	6.08	2.4
SR5	8/28/2017 3:05	26.81	76.7	6.43	3.0	SR5	8/28/2017 9:05	27.24	73.5	6.01	1.8	SR5	8/28/2017 15:05	26.25	69.6	5.58	2.3	SR5	8/28/2017 21:05	27.61	78.0	6.08	2.3
SR5	8/28/2017 3:10	26.81	76.5	6.39	1.8	SR5	8/28/2017 9:10	27.27	73.5	6.02	2.2	SR5	8/28/2017 15:10	26.24	69.9	5.61	2.1	SR5	8/28/2017 21:10	27.61	79.0	6.15	2.4
SR5	8/28/2017 3:15	26.81	76.3	6.40	2.4	SR5	8/28/2017 9:15	27.17	73.8	6.04	2.1	SR5	8/28/2017 15:15	26.24	70.1	5.63	2.6	SR5	8/28/2017 21:15	27.61	78.2	6.09	3.0
SR5	8/28/2017 3:20	26.82	76.3	6.37	2.3	SR5	8/28/2017 9:20	27.27	73.5	6.02	1.9	SR5	8/28/2017 15:20	26.29	70.5	5.66	2.3	SR5	8/28/2017 21:20	27.64	78.8	6.13	2.3
SR5	8/28/2017 3:25	26.79	76.5	6.40	2.1	SR5	8/28/2017 9:25	27.18	73.6	6.00	3.1	SR5	8/28/2017 15:25	26.41	70.0	5.62	2.3	SR5	8/28/2017 21:25	27.58	80.0	6.23	2.2
SR5	8/28/2017 3:30	26.81	75.4	6.30	2.0	SR5	8/28/2017 9:30	27.28	73.9	6.05	3.0	SR5	8/28/2017 15:30	26.52	70.0	5.61	2.5	SR5	8/28/2017 21:30	27.62	78.9	6.14	2.4
SR5	8/28/2017 3:35	26.80	75.5	6.31	2.4	SR5	8/28/2017 9:35	27.28	74.2	6.05	2.0	SR5	8/28/2017 15:35	26.64	70.1	5.61	2.7	SR5	8/28/2017 21:35	27.65	77.8	6.06	2.0
SR5	8/28/2017 3:40	26.80	75.1	6.28	2.4	SR5	8/28/2017 9:40	27.15	74.0	6.04	1.9	SR5	8/28/2017 15:40	26.71	69.5	5.55	2.7	SR5	8/28/2017 21:40	27.61	79.7	6.20	2.3
SR5	8/28/2017 3:45	26.79	74.1	6.20	3.8	SR5	8/28/2017 9:45	27.18	74.0	6.04	1.7	SR5	8/28/2017 15:45	26.65	70.0	5.62	2.7	SR5	8/28/2017 21:45	27.62	79.5	6.19	2.2
SR5	8/28/2017 3:50	26.78	74.1	6.20	2.6	SR5	8/28/2017 9:50	27.25	74.3	6.05	1.7	SR5	8/28/2017 15:50	26.47	71.1	5.70	3.3	SR5	8/28/2017 21:50	27.60	79.5	6.19	6.9
SR5	8/28/2017 3:55	26.80	75.1	6.27	2.0	SR5	8/28/2017 9:55	27.13	74.6	6.09	2.1	SR5	8/28/2017 15:55	26.36	72.2	5.76	2.7	SR5	8/28/2017 21:55	27.60	79.7	6.20	7.0
SR5	8/28/2017 4:00	26.80	74.8	6.26	2.1	SR5	8/28/2017 10:00	27.25	74.2	6.05	3.2	SR5	8/28/2017 16:00	26.41	73.4	5.85	2.4	SR5	8/28/2017 22:00	27.59	80.9	6.30	7.1
SR5	8/28/2017 4:05	26.78	74.6	6.25	2.1	SR5	8/28/2017 10:05	27.13	74.0	6.02	1.8	SR5	8/28/2017 16:05	26.51	72.0	5.76	2.4	SR5	8/28/2017 22:05	27.60	81.3	6.33	7.0
SR5	8/28/2017 4:10	26.79	73.6	6.17	2.0	SR5	8/28/2017 10:10	27.17	74.0	6.02	2.2	SR5	8/28/2017 16:10	26.56	72.0	5.76	2.3	SR5	8/28/2017 22:10	27.60	80.6	6.28	7.0
SR5	8/28/2017 4:15	26.79	74.1	6.20	2.1	SR5	8/28/2017 10:15	27.22	73.8	5.99	1.8	SR5	8/28/2017 16:15	26.65	72.2	5.77	2.3	SR5	8/28/2017 22:15	27.58	80.4	6.27	7.0
SR5	8/28/2017 4:20	26.80	75.8	6.32	2.2	SR5	8/28/2017 10:20	27.20	74.2	6.03	2.0	SR5	8/28/2017 16:20	26.64	71.2	5.69	2.8	SR5	8/28/2017 22:20	27.59	80.0	6.23	7.0
SR5	8/28/2017 4:25	26.85	76.9	6.42	2.1	SR5	8/28/2017 10:25	27.26	74.0	6.01	2.2	SR5	8/28/2017 16:25	26.59	71.0	5.66	2.8	SR5	8/28/2017 22:25	27.60	79.6	6.20	6.9
SR5	8/28/2017 4:30	26.83	77.1	6.42	2.1	SR5	8/28/2017 10:30	27.18	74.1	6.01	1.9	SR5	8/28/2017 16:30	27.43	78.0	6.19	2.2	SR5	8/28/2017 22:30	27.59	79.9	6.23	7.0
SR5	8/28/2017 4:35	26.85	77.6	6.46	2.1	SR5	8/28/2017 10:35	27.22	74.0	6.01	2.4	SR5	8/28/2017 16:35	27.64	81.6	6.35	2.2	SR5	8/28/2017 22:35	27.60	79.8	6.22	7.0
SR5	8/28/2017 4:40	26.84	78.2	6.51	2.3	SR5	8/28/2017 10:40	27.27	73.9	6.00	1.7	SR5	8/28/2017 16:40	27.66	81.2	6.31	2.6	SR5	8/28/2017 22:40	27.60	80.0	6.23	7.0
SR5	8/28/2017 4:45	26.84	77.0	6.42	2.0	SR5	8/28/2017 10:45	27.14	73.8	5.99	2.2	SR5	8/28/2017 16:45	27.69	81.1	6.31	2.2	SR5	8/28/2017 22:45	27.59	80.4	6.26	6.8
SR5	8/28/2017 4:50	26.80	75.3	6.30	2.4	SR5	8/28/2017 10:50	27.22	73.7	5.98	1.8	SR5	8/28/2017 16:50	27.69	81.6	6.34	4.1	SR5	8/28/2017 22:50	27.58	80.4	6.27	6.9
SR5	8/28/2017 4:55	26.82	75.8	6.32	2.0	SR5	8/28/2017 10:55	27.14	73.6	5.98	2.2	SR5	8/28/2017 16:55	27.69	81.5	6.34	2.3	SR5	8/28/2017 22:55	27.57	80.6	6.28	6.9
SR5	8/28/2017 5:00	26.84	78.0	6.51	1.7	SR5	8/28/2017 11:00	27.13	73.5	5.96	14.1	SR5	8/28/2017 17:00	27.69	81.7	6.35	2.7	SR5	8/28/2017 23:00	27.55	81.0	6.32	7.0
SR5	8/28/2017 5:05	26.83	79.3	6.60	2.4	SR5	8/28/2017 11:05	27.28	73.5	5.94	1.7	SR5	8/28/2017 17:05	27.68	82.0	6.38	2.2	SR5	8/28/2017 23:05	27.55	81.0	6.32	7.0
SR5	8/28/2017 5:10	26.86	79.0	6.57	2.0	SR5	8/28/2017 11:10	27.22	73.3	5.94	2.1	SR5	8/28/2017 17:10	27.67	82.0	6.38	2.8	SR5	8/28/2017 23:10	27.56	80.9	6.31	6.9
SR5	8/28/2017 5:15	26.85	78.0	6.49	2.3	SR5	8/28/2017 11:15	27.26	73.2	5.93	1.8	SR5	8/28/2017 17:15	27.66	82.0	6.38	4.8	SR5	8/28/2017 23:15	27.54	80.9	6.30	6.8
SR5	8/28/2017 5:20	26.83	77.9	6.48	1.9	SR5	8/28/2017 11:20	27.25	73.1	5.93	1.7	SR5	8/28/2017 17:20	27.66	82.3	6.40	2.6	SR5	8/28/2017 23:20	27.55	80.5	6.28	7.0
SR5	8/28/2017 5:25	26.83	78.3	6.51	2.0	SR5	8/28/2017 11:25	27.12	73.0	5.91	1.7	SR5	8/28/2017 17:25	27.67	81.9	6.37	2.9	SR5	8/28/2017 23:25	27.56	80.3	6.26	7.0
SR5	8/28/2017 5:30	26.80	77.5	6.44	2.2	SR5	8/28/2017 11:30	27.17	73.1	5.91	2.1	SR5	8/28/2017 17:30	27.67	82.2	6.39	2.4	SR5	8/28/2017 23:30	27.59	79.5	6.19	7.0
SR5	8/28/2017 5:35	26.77	77.3	6.42	2.2	SR5	8/28/2017 11:35	27.21	73.2	5.91	1.7	SR5	8/28/2017 17:35	27.68	81.8	6.36	3.1	SR5	8/28/2017 23:35	27.57	79.8	6.22	6.9
SR5	8/28/2017 5:40	26.79	77.4	6.44	2.7	SR5	8/28/2017 11:40	27.17	73.1	5.91	1.9	SR5	8/28/2017 17:40	27.67	82.1	6.39	3.1	SR5	8/28/2017 23:40	27.58	79.8	6.22	7.0
SR5	8/28/2017 5:45	26.77	77.7	6.48	2.0	SR5	8/28/2017 11:45	27.13	73.1	5.92	2.0	SR5	8/28/2017 17:45	27.67	81.8	6.36	2.7	SR5	8/28/2017 23:45	27.62	78.3	6.10	6.8
SR5	8/28/2017 5:50	26.79	78.0	6.49	1.7	SR5	8/28/2017 11:50	27.15	73.3	5.93	1.9	SR5	8/28/2017 17:50	27.66	82.0	6.38	3.0	SR5	8/28/2017 23:50	27.61	77.7	6.05	6.9
SR5	8/28/2017 5:55	26.72	77.9	6.50	2.0	SR5	8/28/2017 11:55	27.21	73.1	5.91	2.2	SR5	8/28/2017 17:55	27.65	82.6	6.42	2.9	SR5	8/28/2017 23:55	27.59	78.1	6.08	6.9

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR12	8/28/2017 0:01	26.33	82.3	7.10	5.0	SR12	8/28/2017 6:01	26.21	78.6	6.78	6.4	SR12	8/28/2017 12:01	26.95	73.5	6.05	6.3	SR12	8/28/2017 18:01	27.56	77.9	6.33	4.1
SR12	8/28/2017 0:06	26.36	82.6	7.12	5.6	SR12	8/28/2017 6:06	26.19	78.5	6.77	6.2	SR12	8/28/2017 12:06	26.93	73.3	6.05	5.9	SR12	8/28/2017 18:06	27.57	77.6	6.31	3.7
SR12	8/28/2017 0:11	26.36	82.5	7.10	4.5	SR12	8/28/2017 6:11	26.21	78.7	6.78	4.7	SR12	8/28/2017 12:11	26.74	73.2	6.03	5.1	SR12	8/28/2017 18:11	27.57	76.1	5.51	3.1
SR12	8/28/2017 0:16	26.35	82.4	7.10	5.6	SR12	8/28/2017 6:16	26.20	78.4	6.76	6.4	SR12	8/28/2017 12:16	26.82	73.2	6.03	5.0	SR12	8/28/2017 18:16	27.56	75.5	5.47	3.9
SR12	8/28/2017 0:21	26.36	82.2	7.09	6.3	SR12	8/28/2017 6:21	26.18	78.3	6.74	6.7	SR12	8/28/2017 12:21	26.88	73.3	6.02	5.9	SR12	8/28/2017 18:21	27.54	75.4	5.46	3.6
SR12	8/28/2017 0:26	26.34	81.8	7.05	4.5	SR12	8/28/2017 6:26	26.20	78.3	6.76	5.4	SR12	8/28/2017 12:26	26.82	73.3	6.02	5.0	SR12	8/28/2017 18:26	27.53	74.1	5.35	3.1
SR12	8/28/2017 0:31	26.35	81.6	7.05	5.4	SR12	8/28/2017 6:31	26.17	78.4	6.79	6.9	SR12	8/28/2017 12:31	26.76	73.4	6.05	6.1	SR12	8/28/2017 18:31	27.53	75.9	5.49	3.5
SR12	8/28/2017 0:36	26.35	81.8	7.07	5.6	SR12	8/28/2017 6:36	26.21	78.6	6.77	5.5	SR12	8/28/2017 12:36	26.79	73.7	6.06	6.1	SR12	8/28/2017 18:36	27.52	76.5	5.54	3.4
SR12	8/28/2017 0:41	26.35	82.2	7.10	4.6	SR12	8/28/2017 6:41	26.17	78.5	6.80	5.5	SR12	8/28/2017 12:41	26.88	73.5	6.04	5.2	SR12	8/28/2017 18:41	27.51	76.5	5.55	3.0
SR12	8/28/2017 0:46	26.33	82.1	7.07	5.6	SR12	8/28/2017 6:46	26.15	78.5	6.79	6.7	SR12	8/28/2017 12:46	26.95	73.6	6.03	6.5	SR12	8/28/2017 18:46	27.51	76.5	5.55	4.0
SR12	8/28/2017 0:51	26.34	82.3	7.11	5.9	SR12	8/28/2017 6:51	26.17	78.6	6.78	7.2	SR12	8/28/2017 12:51	26.76	73.6	6.02	6.3	SR12	8/28/2017 18:51	27.51	76.3	5.53	5.1
SR12	8/28/2017 0:56	26.33	82.1	7.08	4.6	SR12	8/28/2017 6:56	26.16	78.4	6.77	5.4	SR12	8/28/2017 12:56	26.73	73.5	6.02	5.4	SR12	8/28/2017 18:56	27.51	76.2	5.52	3.1
SR12	8/28/2017 1:01	26.33	81.8	7.07	6.4	SR12	8/28/2017 7:01	26.16	78.3	6.78	5.8	SR12	8/28/2017 13:01	26.93	73.3	5.98	6.5	SR12	8/28/2017 19:01	27.55	75.7	5.48	4.1
SR12	8/28/2017 1:06	26.28	81.5	6.99	5.1	SR12	8/28/2017 7:06	26.16	78.5	6.78	6.3	SR12	8/28/2017 13:06	26.78	73.3	6.01	6.7	SR12	8/28/2017 19:06	27.58	75.8	5.50	3.9
SR12	8/28/2017 1:11	26.25	81.2	6.96	4.5	SR12	8/28/2017 7:11	26.18	78.6	6.81	5.2	SR12	8/28/2017 13:11	27.00	73.2	5.98	5.5	SR12	8/28/2017 19:11	27.59	75.9	5.52	3.4
SR12	8/28/2017 1:16	26.26	81.3	6.97	5.0	SR12	8/28/2017 7:16	26.15	78.6	6.78	6.4	SR12	8/28/2017 13:16	27.00	73.0	5.96	6.5	SR12	8/28/2017 19:16	27.59	75.5	5.48	4.0
SR12	8/28/2017 1:21	26.26	81.0	6.96	5.7	SR12	8/28/2017 7:21	26.18	78.3	6.76	5.9	SR12	8/28/2017 13:21	26.95	72.8	5.96	6.2	SR12	8/28/2017 19:21	27.58	75.2	5.46	3.7
SR12	8/28/2017 1:26	26.26	81.5	6.97	4.4	SR12	8/28/2017 7:26	26.18	78.5	6.80	5.7	SR12	8/28/2017 13:26	26.93	72.6	5.95	5.3	SR12	8/28/2017 19:26	27.58	75.4	5.47	3.4
SR12	8/28/2017 1:31	26.27	81.3	6.95	5.9	SR12	8/28/2017 7:31	26.18	78.6	6.80	6.6	SR12	8/28/2017 13:31	26.81	72.5	5.93	5.4	SR12	8/28/2017 19:31	27.61	74.6	5.42	4.0
SR12	8/28/2017 1:36	26.24	81.0	6.96	5.8	SR12	8/28/2017 7:36	26.16	78.5	6.77	6.9	SR12	8/28/2017 13:36	26.93	72.2	5.92	6.4	SR12	8/28/2017 19:36	27.62	75.5	5.57	5.4
SR12	8/28/2017 1:41	26.27	81.1	6.98	4.8	SR12	8/28/2017 7:41	26.19	78.6	6.81	5.4	SR12	8/28/2017 13:41	26.74	71.8	5.87	5.0	SR12	8/28/2017 19:41	27.58	77.3	5.62	3.3
SR12	8/28/2017 1:46	26.26	82.5	7.08	5.9	SR12	8/28/2017 7:46	26.09	78.7	6.78	6.2	SR12	8/28/2017 13:46	26.93	72.0	5.90	6.4	SR12	8/28/2017 19:46	27.58	77.5	5.64	4.1
SR12	8/28/2017 1:51	26.27	81.7	7.02	5.5	SR12	8/28/2017 7:51	26.12	78.8	6.79	5.5	SR12	8/28/2017 13:51	26.91	71.8	5.88	6.1	SR12	8/28/2017 19:51	27.58	74.6	5.42	4.0
SR12	8/28/2017 1:56	26.26	81.2	6.99	4.2	SR12	8/28/2017 7:56	26.12	79.1	6.80	4.7	SR12	8/28/2017 13:56	26.81	71.8	5.87	5.4	SR12	8/28/2017 19:56	27.55	78.3	5.77	3.5
SR12	8/28/2017 2:01	26.23	81.1	6.96	5.8	SR12	8/28/2017 8:01	26.13	79.1	6.81	6.4	SR12	8/28/2017 14:01	26.95	71.5	5.88	6.2	SR12	8/28/2017 20:01	27.57	74.0	5.38	3.9
SR12	8/28/2017 2:06	26.29	81.3	7.00	5.4	SR12	8/28/2017 8:06	26.12	79.0	6.80	6.6	SR12	8/28/2017 14:06	26.95	71.5	5.88	5.5	SR12	8/28/2017 20:06	27.58	73.7	5.35	3.9
SR12	8/28/2017 2:11	26.26	81.6	7.03	4.5	SR12	8/28/2017 8:11	26.35	77.9	6.69	5.3	SR12	8/28/2017 14:11	26.90	71.5	5.87	5.0	SR12	8/28/2017 20:11	27.57	75.3	5.50	3.5
SR12	8/28/2017 2:16	26.29	81.6	7.02	4.8	SR12	8/28/2017 8:16	26.39	77.8	6.63	6.9	SR12	8/28/2017 14:16	26.94	71.5	5.87	6.1	SR12	8/28/2017 20:16	27.59	73.3	5.33	3.6
SR12	8/28/2017 2:21	26.29	81.3	7.01	4.3	SR12	8/28/2017 8:21	26.44	77.8	6.65	6.5	SR12	8/28/2017 14:21	26.84	71.5	5.85	5.7	SR12	8/28/2017 20:21	27.58	73.3	5.33	4.0
SR12	8/28/2017 2:26	26.26	81.1	6.96	4.2	SR12	8/28/2017 8:26	26.48	76.7	6.55	5.9	SR12	8/28/2017 14:26	26.44	71.7	5.90	5.0	SR12	8/28/2017 20:26	27.57	73.5	5.34	3.1
SR12	8/28/2017 2:31	26.28	81.1	7.00	6.7	SR12	8/28/2017 8:31	26.54	76.4	6.50	6.1	SR12	8/28/2017 14:31	26.48	71.7	5.89	5.8	SR12	8/28/2017 20:31	27.56	73.1	5.32	5.4
SR12	8/28/2017 2:36	26.27	80.7	6.93	5.3	SR12	8/28/2017 8:36	26.61	75.8	6.45	6.3	SR12	8/28/2017 14:36	26.55	71.7	5.92	4.7	SR12	8/28/2017 20:36	27.56	73.6	5.37	5.4
SR12	8/28/2017 2:41	26.26	80.4	6.94	5.5	SR12	8/28/2017 8:41	26.69	75.4	6.40	5.4	SR12	8/28/2017 14:41	26.55	71.7	5.90	4.9	SR12	8/28/2017 20:41	27.56	73.3	5.35	4.5
SR12	8/28/2017 2:46	26.24	80.1	6.91	6.6	SR12	8/28/2017 8:46	26.71	75.3	6.39	6.9	SR12	8/28/2017 14:46	26.45	71.7	5.89	5.8	SR12	8/28/2017 20:46	27.57	73.1	5.32	5.5
SR12	8/28/2017 2:51	26.22	79.7	6.87	5.8	SR12	8/28/2017 8:51	26.76	75.4	6.37	7.0	SR12	8/28/2017 14:51	26.21	71.8	5.92	6.3	SR12	8/28/2017 20:51	27.56	72.8	5.30	5.5
SR12	8/28/2017 2:56	26.22	79.5	6.84	5.1	SR12	8/28/2017 8:56	26.81	75.3	6.37	5.1	SR12	8/28/2017 14:56	26.01	71.8	5.92	3.9	SR12	8/28/2017 20:56	27.56	72.5	5.27	4.4
SR12	8/28/2017 3:01	26.21	79.4	6.86	7.6	SR12	8/28/2017 9:01	26.85	75.5	6.40	7.0	SR12	8/28/2017 15:01	25.92	71.8	5.92	4.6	SR12	8/28/2017 21:01	27.55	72.5	5.27	3.6
SR12	8/28/2017 3:06	26.22	79.0	6.81	8.0	SR12	8/28/2017 9:06	26.90	75.4	6.36	6.2	SR12	8/28/2017 15:06	25.96	71.7	5.95	6.2	SR12	8/28/2017 21:06	27.54	73.2	5.34	3.9
SR12	8/28/2017 3:11	26.18	78.0	6.74	6.6	SR12	8/28/2017 9:11	26.93	75.2	6.34	4.5	SR12	8/28/2017 15:11	25.95	71.8	5.92	3.6	SR12	8/28/2017 21:11	27.53	72.9	5.32	3.1
SR12	8/28/2017 3:16	26.19	77.9	6.73	6.9	SR12	8/28/2017 9:16	26.98	75.0	6.33	5.0	SR12	8/28/2017 15:16	26.00	71.8	5.96	4.7	SR12	8/28/2017 21:16	27.52	72.9	5.32	5.4
SR12	8/28/2017 3:21	26.19	78.3	6.77	7.0	SR12	8/28/2017 9:21	26.86	74.9	6.32	5.4	SR12	8/28/2017 15:21	26.10	71.9	5.98	4.3	SR12	8/28/2017 21:21	27.54	72.8	5.33	4.1
SR12	8/28/2017 3:26	26.18	78.3	6.78	6.0	SR12	8/28/2017 9:26	26.89	75.0	6.34	4.9	SR12	8/28/2017 15:26	26.34	71.8	5.96	4.5	SR12	8/28/2017 21:26	27.52	73.1	5.35	2.8
SR12	8/28/2017 3:31	26.16	78.2	6.77	6.1	SR12	8/28/2017 9:31	26.82	74.7	6.30	5.7	SR12	8/28/2017 15:31	26.50	71.9	5.96	4.2	SR12	8/28/2017 21:31	27.52	72.7	5.31	3.4
SR12	8/28/2017 3:36	26.17	78.7	6.79	5.9	SR12	8/28/2017 9:36	26.97	74.4	6.28	5.7	SR12	8/28/2017 15:36	26.52	71.8	5.95	4.2	SR12	8/28/2017 21:36	27.56	72.5	5.30	3.9
SR12	8/28/2017 3:41	26.19	79.7	6.86	4.5	SR12	8/28/2017 9:41	26.79	74.3	6.27	5.1	SR12	8/28/2017 15:41	26.32	71.8	5.98	4.5	SR12	8/28/2017 21:41	27.56	72.3	5.29	3.3
SR12	8/28/2017 3:46	26.17	79.3	6.83	7.2	SR12	8/28/2017 9:46	26.95	74.5	6.27	5.2	SR12	8/28/2017 15:46	26.11	71.9	5.96	4.2	SR12	8/28/2017 21:46	27.54	72.6	5.31	5.4
SR12	8/28/2017 3:51	26.19	79.0	6.83	6.5	SR12	8/28/2017 9:51	26.88	74.5	6.27	5.0	SR12	8/28/2017 15:51	26.06	71.9	6.00	4.2	SR12	8/28/2017 21:51	27.54	72.7	5.31	5.5
SR12	8/28/2017 3:56	26.19	78.9	6.79	5.9	SR12						SR12	8/28/2017 15:56	26.04	71.9	6.01	3.7	SR12	8/28/2017 21:56	27.52	73.4	5.38	3.2
SR12	8/28/2017 4:01	26.18	78.8	6.81	6.7	SR12						SR12	8/28/2017 16:01	26.14	72.0	6.01	4.2	SR12	8/28/2017 22:01	27.54	72.3	5.29	5.5
SR12	8/28/2017 4:06	26.20	78.7	6.77	7.0	SR12						SR12	8/28/2017 16:06	26.29	71.6	5.85	4.1	SR12	8/28/2017 22:06	27.53	73.9	5.43	4.0
SR12	8/28/2017 4:11	26.17	78.8	6.80	5.6	SR12						SR12	8/28/2017 16:11	26.43	71.5	5.85	3.3	SR12	8/28/2017 22:11	27.53	73.2	5.37	3.2
SR12	8/28/2017 4:16	26.19	78.2	6.73	6.8	SR12						SR12	8/28/2017 16:16	26.49	71.6	5.85	4.4	SR12	8/28/2017 22:16	27.53	73.2	5.36	3.9
SR12	8/28/2017 4:21	26.18	78.2	6.74	6.4	SR12						SR12	8/28/2017 16:21	26.45	71.3	5.83	4.2	SR12	8/28/2017 22:21	27.52	73.1	5.36	3.5
SR12	8/28/2017 4:26	26.19	77.9	6.72	5.3	SR12						SR12	8/28/2017 16:26	26.29	71.2	5.80	3.7	SR12	8/28/2017 22:26	27.52	73.0	5.34	3.1
SR12	8/28/2017 4:31	26.18	77.4	6.67	6.6	SR12						SR12	8/28/2017 16:31	27.47	75.0	6.14	4.3	SR12	8/28/2017 22:31	27.52	73.2	5.37	3.7
SR12	8/28/2017 4:36	26.16	77.3	6.67	6.5	SR12						SR12	8/28/2017 16:36	27.58	76.3	6.20	4.0	SR12	8/28/2017 22:36	27.52	73.3	5.38	3.0
SR12	8/28/2017 4:41	26.18	77.7	6.68	5.5	SR12						SR12	8/28/2017 16:41	27.60	76.1	6.17	3.3	SR12	8/28/2017 22:41	27.50	73.8	5.41	2.7
SR12	8/28/2017 4:46	26.19	77.7	6.71	6.6	SR12						SR12	8/28/2017 16:46	27.62	75.9	6.16	3.6	SR12	8/28/2017 22:46	27.50	74.0	5.45	3.9
SR12	8/28/2017 4:51	26.18	77.5	6.70	6.4	SR12						SR12	8/28/2017 16:51	27.62	76.1	6.17	4.0	SR12	8/28/2017 22:51	27.48	74.2	5.46	3.4
SR12	8/28/2017 4:56	26.18	77.2	6.67	5.0	SR12						SR12	8/28/2017 16:56	27.62	76.3	6.20	3.4	SR12	8/28/2017 22:56	27.47	74.3	5.47	2.5
SR12	8/28/2017 5:01	26.18	77.3	6.68	6.3	SR12						SR12	8/28/2017 17:01	27.62	76.3	6.19	3.6	SR12	8/28/2017 23:01	27.49	74.0	5.44	3.0
SR12	8/28/2017 5:06	26.17	77.9	6.71	6.7	SR12	8/28/2017 11:06	26.87	74.2	6.15	4.7	SR12	8/28/2017 17:06	27.61	76.3	6.20	4.1	SR12	8/28/2017 23:06	27.49	74.3	5.47	3.3
SR12	8/28/2017 5:11	26.20	78.3	6.76	5.5	SR12	8/28/2017 11:11	26.96	74.1	6.12	4.2	SR12	8/28/2017 17:11	27.59	76.7	6.23	3.5	SR12	8/28/2017 23:11	27.48	74.5	5.49	2.6
SR12	8/28/2017 5:16	26.19	78.3	6.76	6.3	SR12	8/28/2017 11:16	26.84	74.0	6.12	6.1	SR12	8/28/2017 17:16	27.59	76.6	6.22	3.7	SR12	8/28/2017 23:16	27.48	74.2	5.46	3.3
SR12	8/28/2017 5:21	26.21	78.5	6.77	6.4	SR12	8/28/2017 11:21	26.91	74.0	6.12	4.8	SR12	8/28/2017 17:21	27.59	76.5	6.21	4.2	SR12	8/28/2017 23:21	27.51	73.7	5.42	2.6
SR12	8/28/2017 5:26	26.20	78.7	6.80	5.4	SR12	8/28/2017 11:26	26.98	73.8	6.10	4.9	SR12	8/28/2017 17:26	27.59	76.6	6.23	3.0	SR12	8/28/2017 23:26	27.52	73.1	5.36	2.5
SR12	8/28/2017 5:31	26.21	78.3	6.76	6.6	SR12	8/28/2017 11:31	26.78	73.7	6.09	6.1	SR12	8/28/2017 17:31	27.60	77.0	6.25	3.7	SR12	8/28/2017 23:31	27.53	72.6	5.32	3.1
SR12	8/28/2017 5:36	26.18	77.7	6.73	6.6	SR12	8/28/2017 11:36	26.90	73.6	6.08	6.1	SR12	8/28/2017 17:36	27.59	76.9	6.25	3.7	SR12	8/28/2017 23:36	27.53	72.8	5.34	4.8
SR12	8/28/2017 5:41	26.20	77.9	6.71	5.1	SR12	8/28/2017 11:41	26.77	73.5	6.09	5.2	SR12	8/28/2017 17:41	27.59	77.2	6.28	3.2	SR12	8/28/2017 23:41	27.54	72.1	5.28	2.9
SR12	8/28/2017 5:46	26.22	78.6	6.80	6.1	SR12	8/28/2017 11:46	26.75	73.5	6.07	6.4	SR12	8/28/2017 17:46	27.58	77.0	6.26	3.9	SR12	8/28/2017 23:46	27.55	71.8	5.25	3.3
SR12	8/28/2017 5:51	26.20	79.1	6.82	6.4	SR12	8/28/2017 11:51	26.98	73.6	6.05	6.5	SR12	8/28/2017 17:51	27.57	77.5	6.29	3.5	SR12	8/28/2017 23:51	27.54	71.2	5.18	3.3
SR12	8/28/2017 5:56	26.21	78.9	6.81	5.3	SR12	8/28/2017 11:56	26.88	73.5	6.06	5.2	SR12	8/28/2017 17:56	27.57	77.7	6.31	3.3	SR12	8/28/2017 23:56	27.53	71.0	5.16	2.8

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR13	8/28/2017 0:00	25.69	83.7	7.36	3.7	SR13	8/28/2017 6:00	25.45	79.2	6.99	4.5	SR13	8/28/2017 12:00	26.64	74.0	6.15	5.4	SR13	8/28/2017 18:00	27.61	76.1	6.31	4.6
SR13	8/28/2017 0:05	25.69	83.6	7.39	3.8	SR13	8/28/2017 6:05	25.48	79.3	7.00	4.3	SR13	8/28/2017 12:05	26.39	74.0	6.13	5.6	SR13	8/28/2017 18:05	27.60	75.3	6.25	4.5
SR13	8/28/2017 0:10	25.68	83.5	7.36	3.9	SR13	8/28/2017 6:10	25.46	78.9	6.97	4.4	SR13	8/28/2017 12:10	26.35	74.1	6.15	4.5	SR13	8/28/2017 18:10	27.60	75.6	6.28	4.4
SR13	8/28/2017 0:15	25.70	83.4	7.38	4.1	SR13	8/28/2017 6:15	25.46	78.9	6.96	4.2	SR13	8/28/2017 12:15	26.62	73.8	6.10	4.3	SR13	8/28/2017 18:15	27.58	74.8	6.21	4.8
SR13	8/28/2017 0:20	25.69	83.1	7.33	3.5	SR13	8/28/2017 6:20	25.47	79.1	6.97	4.6	SR13	8/28/2017 12:20	26.42	73.6	6.12	4.7	SR13	8/28/2017 18:20	27.58	76.5	6.35	4.8
SR13	8/28/2017 0:25	25.66	82.9	7.30	3.7	SR13	8/28/2017 6:25	25.47	79.1	7.00	4.7	SR13	8/28/2017 12:25	26.71	73.4	6.08	4.4	SR13	8/28/2017 18:25	27.58	76.4	6.34	4.9
SR13	8/28/2017 0:30	25.67	83.1	7.32	3.5	SR13	8/28/2017 6:30	25.45	78.8	6.94	5.6	SR13	8/28/2017 12:30	26.71	73.4	6.07	4.3	SR13	8/28/2017 18:30	27.57	76.6	6.36	4.5
SR13	8/28/2017 0:35	25.67	82.9	7.32	3.5	SR13	8/28/2017 6:35	25.47	78.8	6.96	4.8	SR13	8/28/2017 12:35	26.64	73.2	6.08	4.3	SR13	8/28/2017 18:35	27.56	76.8	6.38	4.5
SR13	8/28/2017 0:40	25.67	82.8	7.28	3.5	SR13	8/28/2017 6:40	25.48	78.9	7.00	4.5	SR13	8/28/2017 12:40	26.61	73.2	6.08	4.3	SR13	8/28/2017 18:40	27.57	76.4	6.34	4.4
SR13	8/28/2017 0:45	25.68	82.7	7.26	3.5	SR13	8/28/2017 6:45	25.46	79.2	6.97	5.0	SR13	8/28/2017 12:45	26.45	72.8	6.04	4.5	SR13	8/28/2017 18:45	27.58	75.9	6.30	4.2
SR13	8/28/2017 0:50	25.64	82.6	7.29	3.4	SR13	8/28/2017 6:50	25.44	79.0	6.96	5.0	SR13	8/28/2017 12:50	26.61	72.6	6.03	4.1	SR13	8/28/2017 18:50	27.60	76.6	6.36	4.3
SR13	8/28/2017 0:55	25.68	82.5	7.30	3.6	SR13	8/28/2017 6:55	25.49	79.1	7.01	4.4	SR13	8/28/2017 12:55	26.35	72.4	6.00	4.1	SR13	8/28/2017 18:55	27.58	76.7	6.37	5.3
SR13	8/28/2017 1:00	25.65	82.5	7.30	3.9	SR13	8/28/2017 7:00	25.45	79.1	7.02	4.7	SR13	8/28/2017 13:00	26.61	72.4	6.01	4.0	SR13	8/28/2017 19:00	27.58	76.4	6.34	4.2
SR13	8/28/2017 1:05	25.67	82.5	7.30	3.6	SR13	8/28/2017 7:05	25.50	79.3	7.04	6.3	SR13	8/28/2017 13:05	26.60	72.0	5.97	4.0	SR13	8/28/2017 19:05	27.65	76.4	6.33	4.4
SR13	8/28/2017 1:10	25.66	82.5	7.31	4.2	SR13	8/28/2017 7:10	25.49	79.6	7.04	4.4	SR13	8/28/2017 13:10	26.43	72.0	5.97	4.2	SR13	8/28/2017 19:10	27.66	76.5	6.34	4.2
SR13	8/28/2017 1:15	25.64	82.4	7.27	3.8	SR13	8/28/2017 7:15	25.50	79.7	7.06	4.3	SR13	8/28/2017 13:15	26.67	71.8	5.97	4.5	SR13	8/28/2017 19:15	27.66	76.2	6.32	4.1
SR13	8/28/2017 1:20	25.68	82.4	7.30	4.2	SR13	8/28/2017 7:20	25.47	79.6	7.06	4.5	SR13	8/28/2017 13:20	26.67	71.6	5.96	4.2	SR13	8/28/2017 19:20	27.64	75.2	6.24	4.7
SR13	8/28/2017 1:25	25.63	82.4	7.31	3.6	SR13	8/28/2017 7:25	25.79	78.3	6.91	4.5	SR13	8/28/2017 13:25	26.56	71.5	5.93	4.4	SR13	8/28/2017 19:25	27.67	75.7	6.27	4.0
SR13	8/28/2017 1:30	25.66	82.5	7.31	3.6	SR13	8/28/2017 7:30	25.84	77.9	6.83	4.6	SR13	8/28/2017 13:30	26.67	71.6	5.95	4.2	SR13	8/28/2017 19:30	27.68	75.2	6.23	4.4
SR13	8/28/2017 1:35	25.66	82.3	7.31	3.7	SR13	8/28/2017 7:35	25.91	77.8	6.85	4.5	SR13	8/28/2017 13:35	26.43	71.5	5.90	4.4	SR13	8/28/2017 19:35	27.70	74.8	6.19	4.4
SR13	8/28/2017 1:40	25.62	82.2	7.26	3.6	SR13	8/28/2017 7:40	25.96	77.8	6.82	4.6	SR13	8/28/2017 13:40	26.66	71.5	5.95	4.3	SR13	8/28/2017 19:40	27.67	74.8	6.20	4.2
SR13	8/28/2017 1:45	25.64	82.2	7.31	3.6	SR13	8/28/2017 7:45	26.03	77.3	6.75	4.2	SR13	8/28/2017 13:45	26.41	71.6	5.94	4.5	SR13	8/28/2017 19:45	27.68	74.4	6.17	4.3
SR13	8/28/2017 1:50	25.63	82.1	7.26	3.7	SR13	8/28/2017 7:50	26.13	76.9	6.71	4.3	SR13	8/28/2017 13:50	26.71	71.7	5.91	5.7	SR13	8/28/2017 19:50	27.63	73.5	6.10	4.1
SR13	8/28/2017 1:55	25.63	82.0	7.29	3.7	SR13	8/28/2017 7:55	26.23	76.7	6.67	4.1	SR13	8/28/2017 13:55	26.46	71.7	5.96	4.6	SR13	8/28/2017 19:55	27.66	74.4	6.16	4.3
SR13	8/28/2017 2:00	25.61	81.9	7.28	4.6	SR13	8/28/2017 8:00	26.26	76.3	6.64	4.0	SR13	8/28/2017 14:00	26.49	71.6	5.89	4.5	SR13	8/28/2017 20:00	27.64	73.9	6.13	4.3
SR13	8/28/2017 2:05	25.58	81.9	7.26	3.8	SR13	8/28/2017 8:05	26.33	76.2	6.59	4.3	SR13	8/28/2017 14:05	26.29	71.6	5.93	4.8	SR13	8/28/2017 20:05	27.67	73.1	6.06	4.4
SR13	8/28/2017 2:10	25.58	81.8	7.23	5.1	SR13	8/28/2017 8:10	26.39	76.1	6.59	4.6	SR13	8/28/2017 14:10	26.29	71.7	5.90	4.7	SR13	8/28/2017 20:10	27.65	73.9	6.12	4.4
SR13	8/28/2017 2:15	25.57	81.8	7.26	4.0	SR13	8/28/2017 8:15	26.45	75.9	6.60	4.5	SR13	8/28/2017 14:15	26.40	71.7	5.88	4.6	SR13	8/28/2017 20:15	27.67	73.2	6.06	4.4
SR13	8/28/2017 2:20	25.59	81.8	7.24	4.0	SR13	8/28/2017 8:20	26.52	75.8	6.55	4.5	SR13	8/28/2017 14:20	26.51	71.6	5.90	4.7	SR13	8/28/2017 20:20	27.63	74.2	6.16	4.5
SR13	8/28/2017 2:25	25.55	81.6	7.24	4.1	SR13	8/28/2017 8:25	26.56	75.4	6.51	4.2	SR13	8/28/2017 14:25	26.55	71.6	5.92	4.6	SR13	8/28/2017 20:25	27.63	72.7	6.03	4.4
SR13	8/28/2017 2:30	25.58	81.6	7.23	3.8	SR13	8/28/2017 8:30	26.63	75.6	6.53	4.3	SR13	8/28/2017 14:30	26.57	71.5	5.89	4.6	SR13	8/28/2017 20:30	27.62	74.8	6.20	4.2
SR13	8/28/2017 2:35	25.57	81.6	7.24	3.7	SR13	8/28/2017 8:35	26.47	75.5	6.52	4.4	SR13	8/28/2017 14:35	26.63	71.7	5.92	4.7	SR13	8/28/2017 20:35	27.64	72.9	6.04	4.4
SR13	8/28/2017 2:40	25.55	81.4	7.25	3.8	SR13	8/28/2017 8:40	26.50	75.3	6.50	3.9	SR13	8/28/2017 14:40	26.64	71.6	5.89	4.6	SR13	8/28/2017 20:40	27.65	75.4	6.25	4.3
SR13	8/28/2017 2:45	25.54	81.4	7.23	4.0	SR13	8/28/2017 8:45	26.37	75.3	6.45	3.6	SR13	8/28/2017 14:45	26.59	71.4	5.90	4.5	SR13	8/28/2017 20:45	27.64	74.9	6.21	4.6
SR13	8/28/2017 2:50	25.55	81.4	7.22	3.9	SR13	8/28/2017 8:50	26.67	75.2	6.47	4.2	SR13	8/28/2017 14:50	26.49	71.3	5.89	4.4	SR13	8/28/2017 20:50	27.62	74.1	6.15	4.5
SR13	8/28/2017 2:55	25.54	81.3	7.20	4.2	SR13	8/28/2017 8:55	26.34	75.2	6.45	3.7	SR13	8/28/2017 14:55	26.45	71.1	5.87	4.5	SR13	8/28/2017 20:55	27.59	74.1	6.15	4.7
SR13	8/28/2017 3:00	25.52	81.3	7.20	3.9	SR13	8/28/2017 9:00	26.63	74.9	6.40	3.6	SR13						SR13	8/28/2017 21:00	27.58	74.6	6.19	4.5
SR13	8/28/2017 3:05	25.57	81.3	7.23	3.6	SR13	8/28/2017 9:05	26.51	74.7	6.37	3.6	SR13						SR13	8/28/2017 21:05	27.57	73.2	6.07	4.6
SR13	8/28/2017 3:10	25.56	81.3	7.18	3.9	SR13	8/28/2017 9:10	26.57	74.7	6.38	3.7	SR13						SR13	8/28/2017 21:10	27.56	74.0	6.15	4.5
SR13	8/28/2017 3:15	25.55	81.2	7.22	4.0	SR13	8/28/2017 9:15	26.37	74.8	6.39	3.7	SR13						SR13	8/28/2017 21:15	27.57	74.4	6.18	4.6
SR13	8/28/2017 3:20	25.57	81.1	7.17	4.7	SR13	8/28/2017 9:20	26.57	74.7	6.38	3.9	SR13	8/28/2017 15:20	26.63	71.4	5.86	4.6	SR13	8/28/2017 21:20	27.61	73.0	6.05	4.5
SR13	8/28/2017 3:25	25.54	81.1	7.19	4.3	SR13	8/28/2017 9:25	26.40	74.7	6.34	4.0	SR13	8/28/2017 15:25	26.82	71.2	5.85	5.0	SR13	8/28/2017 21:25	27.59	73.3	6.08	4.5
SR13	8/28/2017 3:30	25.57	81.0	7.16	4.6	SR13	8/28/2017 9:30	26.61	74.7	6.38	4.1	SR13	8/28/2017 15:30	27.01	71.4	5.83	5.0	SR13	8/28/2017 21:30	27.62	72.7	6.03	7.2
SR13	8/28/2017 3:35	25.55	80.9	7.16	4.1	SR13	8/28/2017 9:35	26.62	74.8	6.34	4.0	SR13	8/28/2017 15:35	27.19	71.3	5.82	6.6	SR13	8/28/2017 21:35	27.64	72.9	6.04	4.7
SR13	8/28/2017 3:40	25.57	80.8	7.15	4.3	SR13	8/28/2017 9:40	26.37	74.8	6.35	4.1	SR13	8/28/2017 15:40	27.33	71.2	5.80	4.4	SR13	8/28/2017 21:40	27.59	74.8	6.21	4.6
SR13	8/28/2017 3:45	25.56	80.6	7.13	4.6	SR13	8/28/2017 9:45	26.45	74.7	6.35	4.2	SR13	8/28/2017 15:45	27.28	71.0	5.83	6.8	SR13	8/28/2017 21:45	27.59	74.7	6.20	4.4
SR13	8/28/2017 3:50	25.53	80.5	7.13	4.3	SR13	8/28/2017 9:50	26.58	74.6	6.31	4.0	SR13	8/28/2017 15:50	27.17	70.9	5.82	4.5	SR13	8/28/2017 21:50	27.55	75.8	6.30	4.5
SR13	8/28/2017 3:55	25.56	80.3	7.09	4.2	SR13	8/28/2017 9:55	26.34	74.5	6.34	4.0	SR13	8/28/2017 15:55	27.14	71.0	5.79	4.9	SR13	8/28/2017 21:55	27.52	76.6	6.37	4.5
SR13	8/28/2017 4:00	25.55	80.3	7.11	4.1	SR13	8/28/2017 10:00	26.61	74.5	6.31	4.0	SR13	8/28/2017 16:00	27.14	70.9	5.77	4.6	SR13	8/28/2017 22:00	27.56	72.6	6.03	5.1
SR13	8/28/2017 4:05	25.54	80.2	7.12	4.8	SR13	8/28/2017 10:05	26.37	74.4	6.29	3.9	SR13	8/28/2017 16:05	27.24	70.8	5.80	4.4	SR13	8/28/2017 22:05	27.54	75.9	6.30	4.8
SR13	8/28/2017 4:10	25.55	80.1	7.09	4.6	SR13	8/28/2017 10:10	26.46	74.3	6.27	4.6	SR13	8/28/2017 16:10	27.28	70.7	5.80	4.3	SR13	8/28/2017 22:10	27.53	76.1	6.32	4.7
SR13	8/28/2017 4:15	25.53	80.0	7.10	4.2	SR13	8/28/2017 10:15	26.57	74.2	6.24	4.1	SR13	8/28/2017 16:15	27.25	70.7	5.77	4.8	SR13	8/28/2017 22:15	27.56	75.1	6.24	4.7
SR13	8/28/2017 4:20	25.50	79.9	7.06	4.0	SR13	8/28/2017 10:20	26.53	74.2	6.26	4.2	SR13	8/28/2017 16:20	27.15	70.8	5.78	5.8	SR13	8/28/2017 22:20	27.52	75.3	6.26	4.7
SR13	8/28/2017 4:25	25.53	79.9	7.09	4.3	SR13	8/28/2017 10:25	26.66	74.1	6.23	4.1	SR13	8/28/2017 16:25	26.90	70.8	5.77	4.5	SR13	8/28/2017 22:25	27.55	74.0	6.14	4.7
SR13	8/28/2017 4:30	25.49	79.8	7.05	4.2	SR13	8/28/2017 10:30	26.50	74.0	6.23	3.9	SR13	8/28/2017 16:30	27.59	74.5	6.18	4.4	SR13	8/28/2017 22:30	27.57	73.1	6.07	4.5
SR13	8/28/2017 4:35	25.54	79.8	7.06	4.4	SR13	8/28/2017 10:35	26.59	73.9	6.22	4.1	SR13	8/28/2017 16:35	27.62	74.8	6.21	4.4	SR13	8/28/2017 22:35	27.55	73.8	6.13	4.6
SR13	8/28/2017 4:40	25.49	79.7	7.06	4.2	SR13	8/28/2017 10:40	26.69	73.6	6.19	6.2	SR13	8/28/2017 16:40	27.64	74.5	6.18	4.6	SR13	8/28/2017 22:40	27.54	73.9	6.14	4.6
SR13	8/28/2017 4:45	25.51	79.7	7.07	4.5	SR13	8/28/2017 10:45	26.42	73.6	6.19	4.3	SR13	8/28/2017 16:45	27.65	73.8	6.12	4.3	SR13	8/28/2017 22:45	27.53	74.2	6.17	4.6
SR13	8/28/2017 4:50	25.48	79.6	7.07	4.1	SR13	8/28/2017 10:50	26.58	73.5	6.18	4.9	SR13	8/28/2017 16:50	27.66	73.8	6.12	4.4	SR13	8/28/2017 22:50	27.51	74.6	6.20	4.5
SR13	8/28/2017 4:55	25.51	79.5	7.02	4.3	SR13	8/28/2017 10:55	26.40	73.4	6.19	4.3	SR13	8/28/2017 16:55	27.66	74.4	6.17	4.5	SR13	8/28/2017 22:55	27.49	74.7	6.21	4.6
SR13	8/28/2017 5:00	25.52	79.5	7.06	4.2	SR13	8/28/2017 11:00	26.37	73.5	6.17	4.8	SR13	8/28/2017 17:00	27.66	74.2	6.15	4.5	SR13	8/28/2017 23:00	27.52	74.5	6.19	4.6
SR13	8/28/2017 5:05	25.47	79.4	7.04	4.2	SR13	8/28/2017 11:05	26.68	73.8	6.16	4.7	SR13	8/28/2017 17:05	27.64	73.6	6.10	4.5	SR13	8/28/2017 23:05	27.53	74.5	6.19	4.7
SR13	8/28/2017 5:10	25.49	79.4	7.03	4.8	SR13	8/28/2017 11:10	26.54	73.7	6.17	4.5	SR13	8/28/2017 17:10	27.63	74.7	6.19	4.3	SR13	8/28/2017 23:10	27.51	74.7	6.21	4.4
SR13	8/28/2017 5:15	25.49	79.3	7.00	4.4	SR13	8/28/2017 11:15	26.63	73.7	6.17	4.6	SR13	8/28/2017 17:15	27.65	74.3	6.16	4.4	SR13	8/28/2017 23:15	27.53	74.1	6.16	4.6
SR13	8/28/2017 5:20	25.45	79.2	6.99	4.3	SR13	8/28/2017 11:20	26.61	73.4	6.17	4.4	SR13	8/28/2017 17:20	27.67	73.7	6.11	4.2	SR13	8/28/2017 23:20	27.52	74.2	6.17	5.0
SR13	8/28/2017 5:25	25.48	79.1	6.99	5.8	SR13	8/28/2017 11:25	26.36	73.4	6.14	4.8	SR13	8/28/2017 17:25	27.67	74.3	6.15	4.3	SR13	8/28/2017 23:25	27.54	73.7	6.12	4.6
SR13	8/28/2017 5:30	25.48	79.1	6.97	5.2	SR13	8/28/2017 11:30	26.46	73.4	6.14	4.5	SR13	8/28/2017 17:30	27.64	74.9	6.21	4.4	SR13	8/28/2017 23:30	27.53	74.0	6.15	4.9
SR13	8/28/2017 5:35	25.47	79.0	6.96	4.6	SR13	8/28/2017 11:35	26.54	73.4	6.12	4.6	SR13	8/28/2017 17:35	27.63	75.0	6.22	4.6	SR13	8/28/2017 23:35	27.56	73.3	6.08	4.8
SR13	8/28/2017 5:40	25.49	78.9	6.97	4.5	SR13	8/28/2017 11:40	26.46	73.5	6.13	5.4	SR13	8/28/2017 17:40	27.63	75.4	6.25	4.3	SR13	8/28/2017 23:40	27.56	72.6	6.03	4.6
SR13	8/28/2017 5:45	25.45	79.1	7.01	4.5	SR13	8/28/2017 11:45	26.38	73.6	6.17	4.5	SR13	8/28/2017 17:45	27.63	75.0	6.22	4.4	SR13	8/28/2017 23:45	27.56	73.0	6.06	4.6
SR13	8/28/2017 5:50	25.51	79.3	6.99	4.5	SR13	8/28/2017 11:50	26.42	74.1	6.18	4.7	SR13	8/28/2017 17:50	27.61	76.2	6.32	4.3	SR13	8/28/2017 23:50	27.56	72.9	6.05	4.6
SR13	8/28/2017 5:55	25.46	79.0	6.99	4.4	SR13	8/28/2017 11:55	26.54	73.9	6.17	4.2	SR13	8/28/2017 17:55	27.61	76.1	6.31	4.3	SR13	8/28/2017 23:55	27.57	72.3	6.00	4.8

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	8/28/2017 0:17	0.11				SR12	8/28/2017 0:17	0.09			
SR4	8/28/2017 0:37	0.10				SR12	8/28/2017 0:37	0.10			
SR4	8/28/2017 0:57	0.11				SR12	8/28/2017 0:57	0.11			
SR4	8/28/2017 1:17	0.11				SR12	8/28/2017 1:17	0.09			
SR4	8/28/2017 1:37	0.12				SR12	8/28/2017 1:37	0.13			
SR4	8/28/2017 1:57	0.12				SR12	8/28/2017 1:57	0.11			
SR4	8/28/2017 2:17	0.13				SR12	8/28/2017 2:17	0.09			
SR4	8/28/2017 2:37	0.11				SR12	8/28/2017 2:37	0.13			
SR4	8/28/2017 2:57	0.13				SR12	8/28/2017 2:57	0.13			
SR4	8/28/2017 3:17	0.12				SR12	8/28/2017 3:17	0.10			
SR4	8/28/2017 3:37	0.12				SR12	8/28/2017 3:37	0.12			
SR4	8/28/2017 3:57	0.10				SR12	8/28/2017 3:57	0.09			
SR4	8/28/2017 4:17	0.12				SR12	8/28/2017 4:17	0.08			
SR4	8/28/2017 4:37	0.10				SR12	8/28/2017 4:37	0.07			
SR4	8/28/2017 4:57	0.10				SR12	8/28/2017 4:57	0.09			
SR4	8/28/2017 5:17	0.12				SR12	8/28/2017 5:17	0.09			
SR4	8/28/2017 5:37	0.12				SR12	8/28/2017 5:37	0.10			
SR4	8/28/2017 5:57	0.10				SR12	8/28/2017 5:57	0.10			
SR4						SR12					
SR4	8/28/2017 6:37	0.11				SR12	8/28/2017 6:37	0.09			
SR4	8/28/2017 6:57	0.10				SR12	8/28/2017 6:57	0.07			
SR4	8/28/2017 7:17	0.08				SR12	8/28/2017 7:17	0.07			
SR4	8/28/2017 7:37	0.08				SR12	8/28/2017 7:37	0.08			
SR4	8/28/2017 7:57	0.08				SR12	8/28/2017 7:57	0.07			
SR4	8/28/2017 8:17	0.08				SR12	8/28/2017 8:17	0.09			
SR4	8/28/2017 8:37	0.11				SR12	8/28/2017 8:37	0.08			
SR4	8/28/2017 8:57	0.10				SR12	8/28/2017 8:57	0.09			
SR4	8/28/2017 9:17	0.10				SR12	8/28/2017 9:17	0.07			
SR4	8/28/2017 9:37	0.10				SR12	8/28/2017 9:37	0.08			
SR4	8/28/2017 9:57	0.11				SR12					
SR4	8/28/2017 10:17	0.09				SR12					
SR4	8/28/2017 10:37	0.09				SR12					
SR4	8/28/2017 10:57	0.09				SR12					
SR4	8/28/2017 11:17	0.09				SR12					
SR4	8/28/2017 11:37	0.08				SR12	8/28/2017 11:37	0.07			
SR4	8/28/2017 11:57	0.09				SR12	8/28/2017 11:57	0.10			
SR4						SR12	8/28/2017 12:17	0.07			
SR4						SR12	8/28/2017 12:37	0.09			
SR4						SR12	8/28/2017 12:57	0.08			
SR4						SR12	8/28/2017 13:17	0.09			
SR4	8/28/2017 13:37	0.10				SR12	8/28/2017 13:37	0.09			
SR4	8/28/2017 13:57	0.10				SR12	8/28/2017 13:57	0.10			
SR4	8/28/2017 14:17	0.09				SR12	8/28/2017 14:17	0.08			
SR4	8/28/2017 14:37	0.10				SR12	8/28/2017 14:37	0.10			
SR4	8/28/2017 14:57	0.09				SR12	8/28/2017 14:57	0.07			
SR4	8/28/2017 15:17	0.11				SR12	8/28/2017 15:17	0.10			
SR4	8/28/2017 15:37	0.09				SR12	8/28/2017 15:37	0.10			
SR4	8/28/2017 15:57	0.10				SR12	8/28/2017 15:57	0.09			
SR4	8/28/2017 16:17	0.08				SR12	8/28/2017 16:17	0.08			
SR4	8/28/2017 16:37	0.11				SR12	8/28/2017 16:37	0.07			
SR4	8/28/2017 16:57	0.08				SR12	8/28/2017 16:57	0.10			
SR4	8/28/2017 17:17	0.08				SR12	8/28/2017 17:17	0.09			
SR4	8/28/2017 17:37	0.10				SR12	8/28/2017 17:37	0.07			
SR4	8/28/2017 17:57	0.10				SR12	8/28/2017 17:57	0.08			
SR4	8/28/2017 18:17	0.08				SR12	8/28/2017 18:17	0.07			
SR4	8/28/2017 18:37	0.11				SR12	8/28/2017 18:37	0.10			
SR4	8/28/2017 18:57	0.11				SR12	8/28/2017 18:57	0.07			
SR4	8/28/2017 19:17	0.10				SR12	8/28/2017 19:17	0.07			
SR4	8/28/2017 19:37	0.09				SR12	8/28/2017 19:37	0.08			
SR4	8/28/2017 19:57	0.09				SR12	8/28/2017 19:57	0.08			
SR4	8/28/2017 20:17	0.08				SR12	8/28/2017 20:17	0.07			
SR4	8/28/2017 20:37	0.08				SR12	8/28/2017 20:37	0.09			
SR4	8/28/2017 20:57	0.11				SR12	8/28/2017 20:57	0.10			
SR4	8/28/2017 21:17	0.08				SR12	8/28/2017 21:17	0.12			
SR4	8/28/2017 21:37	0.08				SR12	8/28/2017 21:37	0.13			
SR4	8/28/2017 21:57	0.09				SR12	8/28/2017 21:57	0.11			
SR4	8/28/2017 22:17	0.09				SR12	8/28/2017 22:17	0.10			
SR4	8/28/2017 22:37	0.09				SR12	8/28/2017 22:37	0.12			
SR4	8/28/2017 22:57	0.10				SR12	8/28/2017 22:57	0.12			
SR4	8/28/2017 23:17	0.11				SR12	8/28/2017 23:17	0.12			
SR4	8/28/2017 23:37	0.08				SR12	8/28/2017 23:37	0.13			
SR4	8/28/2017 23:57	0.09				SR12	8/28/2017 23:57	0.14			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.
SR4 monitoring station was under maintenance during 12:11-13:11.
SR12 monitoring station was under maintenance during 9:51-11:06.
SR13 monitoring station was under maintenance during 14:55-15:20.

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR4	8/29/2017 0:01	27.59	76.9	6.24	3.4	SR4	8/29/2017 6:01	27.19	78.4	6.38	3.8	SR4	8/29/2017 12:01	28.50	76.0	6.30	3.2	SR4	8/29/2017 18:01	29.19	77.5	6.39	3.5
SR4	8/29/2017 0:06	27.64	76.9	6.25	3.4	SR4	8/29/2017 6:06	27.21	78.4	6.36	3.8	SR4	8/29/2017 12:06	28.54	76.0	6.26	3.4	SR4	8/29/2017 18:06	29.29	77.5	6.39	3.5
SR4	8/29/2017 0:11	27.63	76.8	6.26	3.5	SR4	8/29/2017 6:11	27.24	78.3	6.38	3.9	SR4	8/29/2017 12:11	28.68	76.0	6.29	3.3	SR4	8/29/2017 18:11	29.32	77.6	6.38	3.4
SR4	8/29/2017 0:16	27.64	76.8	6.25	3.4	SR4	8/29/2017 6:16	27.22	78.3	6.41	3.8	SR4	8/29/2017 12:16	28.61	76.1	6.31	3.4	SR4	8/29/2017 18:16	29.30	77.6	6.38	3.4
SR4	8/29/2017 0:21	27.64	76.8	6.23	3.5	SR4	8/29/2017 6:21	27.23	78.3	6.37	3.8	SR4	8/29/2017 12:21	28.54	76.1	6.26	3.5	SR4	8/29/2017 18:21	29.23	77.7	6.42	3.4
SR4	8/29/2017 0:26	27.66	76.8	6.28	3.5	SR4	8/29/2017 6:26	27.22	78.3	6.37	3.8	SR4	8/29/2017 12:26	28.63	76.1	6.29	3.5	SR4	8/29/2017 18:26	29.25	77.8	6.38	3.4
SR4	8/29/2017 0:31	27.66	76.7	6.24	3.5	SR4	8/29/2017 6:31	27.23	78.2	6.36	3.9	SR4	8/29/2017 12:31	28.69	76.1	6.29	3.4	SR4	8/29/2017 18:31	29.23	77.9	6.41	3.3
SR4	8/29/2017 0:36	27.64	76.7	6.25	3.5	SR4	8/29/2017 6:36	27.24	78.2	6.39	3.9	SR4	8/29/2017 12:36	28.81	76.1	6.31	3.5	SR4	8/29/2017 18:36	29.26	78.0	6.43	3.3
SR4	8/29/2017 0:41	27.64	76.6	6.28	3.5	SR4	8/29/2017 6:41	27.23	78.2	6.39	3.9	SR4	8/29/2017 12:41	28.80	76.1	6.27	3.5	SR4	8/29/2017 18:41	29.34	78.0	6.40	3.4
SR4	8/29/2017 0:46	27.68	76.6	6.27	3.6	SR4	8/29/2017 6:46	27.23	78.1	6.41	3.8	SR4	8/29/2017 12:46	28.81	76.2	6.29	3.4	SR4	8/29/2017 18:46	29.39	78.1	6.41	3.3
SR4	8/29/2017 0:51	27.68	76.6	6.24	3.5	SR4	8/29/2017 6:51	27.26	78.2	6.40	3.9	SR4	8/29/2017 12:51	28.74	76.2	6.32	3.4	SR4	8/29/2017 18:51	29.43	78.2	6.41	3.3
SR4	8/29/2017 0:56	27.68	76.6	6.28	3.4	SR4	8/29/2017 6:56	27.29	78.1	6.42	3.9	SR4	8/29/2017 12:56	28.83	76.2	6.27	3.3	SR4	8/29/2017 18:56	29.50	78.2	6.43	3.5
SR4	8/29/2017 1:01	27.70	76.6	6.27	3.6	SR4	8/29/2017 7:01	27.28	78.1	6.39	3.9	SR4	8/29/2017 13:01	28.84	76.2	6.32	3.6	SR4	8/29/2017 19:01	29.52	78.3	6.43	3.3
SR4	8/29/2017 1:06	27.69	76.6	6.28	3.5	SR4	8/29/2017 7:06	27.25	77.9	6.39	4.0	SR4	8/29/2017 13:06	28.86	76.1	6.28	3.5	SR4	8/29/2017 19:06	29.55	78.4	6.41	3.4
SR4	8/29/2017 1:11	27.71	76.7	6.26	3.6	SR4	8/29/2017 7:11	27.31	77.9	6.42	3.9	SR4	8/29/2017 13:11	28.92	76.1	6.29	3.5	SR4	8/29/2017 19:11	29.53	78.4	6.44	3.4
SR4	8/29/2017 1:16	27.69	76.6	6.30	3.7	SR4	8/29/2017 7:16	27.28	77.9	6.39	3.9	SR4	8/29/2017 13:16	28.59	76.1	6.27	3.4	SR4	8/29/2017 19:16	29.55	78.3	6.44	3.2
SR4	8/29/2017 1:21	27.71	76.7	6.27	3.7	SR4	8/29/2017 7:21	27.29	77.9	6.42	3.9	SR4	8/29/2017 13:21	28.73	76.1	6.29	3.6	SR4	8/29/2017 19:21	29.53	78.4	6.44	3.3
SR4	8/29/2017 1:26	27.70	76.7	6.27	3.7	SR4	8/29/2017 7:26	27.32	77.8	6.38	4.0	SR4	8/29/2017 13:26	28.99	76.1	6.30	3.5	SR4	8/29/2017 19:26	29.47	78.3	6.44	3.3
SR4	8/29/2017 1:31	27.68	76.7	6.26	3.7	SR4	8/29/2017 7:31	27.34	77.8	6.39	4.0	SR4	8/29/2017 13:31	28.96	76.1	6.29	3.4	SR4	8/29/2017 19:31	29.42	78.3	6.42	3.1
SR4	8/29/2017 1:36	27.67	76.7	6.27	3.7	SR4	8/29/2017 7:36	27.31	77.8	6.38	3.9	SR4	8/29/2017 13:36	28.88	76.1	6.27	3.5	SR4	8/29/2017 19:36	29.34	78.3	6.43	3.2
SR4	8/29/2017 1:41	27.68	76.7	6.26	3.8	SR4	8/29/2017 7:41	27.33	77.7	6.37	3.8	SR4	8/29/2017 13:41	28.80	76.2	6.27	3.6	SR4	8/29/2017 19:41	29.32	78.3	6.45	3.2
SR4	8/29/2017 1:46	27.45	75.6	6.09	3.8	SR4	8/29/2017 7:46	27.32	77.7	6.36	3.9	SR4	8/29/2017 13:46	28.75	76.3	6.30	3.5	SR4	8/29/2017 19:46	29.28	78.3	6.43	3.2
SR4	8/29/2017 1:51	27.43	76.1	6.14	3.7	SR4	8/29/2017 7:51	27.35	77.6	6.37	3.9	SR4	8/29/2017 13:51	28.74	76.2	6.31	3.6	SR4	8/29/2017 19:51	29.26	78.3	6.42	3.2
SR4	8/29/2017 1:56	27.42	76.6	6.18	3.8	SR4	8/29/2017 7:56	27.34	77.6	6.35	3.9	SR4	8/29/2017 13:56	28.73	76.2	6.32	3.5	SR4	8/29/2017 19:56	29.25	78.3	6.40	3.3
SR4	8/29/2017 2:01	27.43	76.9	6.20	3.8	SR4	8/29/2017 8:01	27.35	77.5	6.36	3.9	SR4	8/29/2017 14:01	28.78	76.2	6.32	3.4	SR4	8/29/2017 20:01	29.24	78.3	6.40	3.3
SR4	8/29/2017 2:06	27.39	77.8	6.27	3.8	SR4	8/29/2017 8:06	27.34	77.5	6.37	3.9	SR4	8/29/2017 14:06	28.91	76.3	6.33	3.6	SR4	8/29/2017 20:06	29.21	78.2	6.39	3.3
SR4	8/29/2017 2:11	27.39	77.6	6.26	3.7	SR4	8/29/2017 8:11	27.35	77.4	6.38	3.9	SR4	8/29/2017 14:11	28.93	76.2	6.30	3.6	SR4	8/29/2017 20:11	29.16	78.2	6.39	3.2
SR4	8/29/2017 2:16	27.38	77.5	6.25	3.8	SR4	8/29/2017 8:16	27.37	77.3	6.34	3.9	SR4	8/29/2017 14:16	28.93	76.3	6.29	3.5	SR4	8/29/2017 20:16	29.12	78.2	6.37	3.4
SR4	8/29/2017 2:21	27.38	77.6	6.26	3.8	SR4	8/29/2017 8:21	27.38	77.3	6.38	3.9	SR4	8/29/2017 14:21	28.98	76.3	6.32	3.6	SR4	8/29/2017 20:21	29.10	78.1	6.41	3.3
SR4	8/29/2017 2:26	27.37	77.6	6.26	3.8	SR4	8/29/2017 8:26	27.37	77.2	6.33	3.8	SR4	8/29/2017 14:26	28.93	76.3	6.30	3.6	SR4	8/29/2017 20:26	29.07	78.1	6.41	3.3
SR4	8/29/2017 2:31	27.34	77.8	6.28	3.8	SR4	8/29/2017 8:31	27.42	77.1	6.33	3.8	SR4	8/29/2017 14:31	28.88	76.4	6.28	3.7	SR4	8/29/2017 20:31	29.03	78.1	6.41	3.3
SR4	8/29/2017 2:36	27.32	77.7	6.27	3.7	SR4	8/29/2017 8:36	27.38	77.1	6.35	3.8	SR4	8/29/2017 14:36	28.84	76.3	6.29	3.6	SR4	8/29/2017 20:36	29.02	78.0	6.38	3.2
SR4	8/29/2017 2:41	27.32	77.8	6.28	3.7	SR4	8/29/2017 8:41	27.39	77.0	6.32	3.8	SR4	8/29/2017 14:41	29.12	76.3	6.28	3.5	SR4	8/29/2017 20:41	29.04	78.1	6.38	3.3
SR4	8/29/2017 2:46	27.29	77.8	6.28	3.7	SR4	8/29/2017 8:46	27.40	77.0	6.35	3.8	SR4	8/29/2017 14:46	29.10	76.4	6.32	3.5	SR4	8/29/2017 20:46	29.04	78.0	6.42	3.3
SR4	8/29/2017 2:51	27.29	77.9	6.29	3.7	SR4	8/29/2017 8:51	27.44	76.9	6.33	3.9	SR4	8/29/2017 14:51	29.05	76.4	6.29	3.4	SR4	8/29/2017 20:51	29.04	78.0	6.43	3.2
SR4	8/29/2017 2:56	27.29	78.1	6.31	3.7	SR4	8/29/2017 8:56	27.43	76.9	6.31	3.9	SR4	8/29/2017 14:56	29.01	76.4	6.28	3.5	SR4	8/29/2017 20:56	29.05	78.0	6.39	3.3
SR4	8/29/2017 3:01	27.27	78.0	6.30	3.8	SR4	8/29/2017 9:01	27.42	76.8	6.30	3.8	SR4	8/29/2017 15:01	28.94	76.4	6.28	3.7	SR4	8/29/2017 21:01	29.05	77.9	6.41	3.4
SR4	8/29/2017 3:06	27.27	78.2	6.32	3.7	SR4	8/29/2017 9:06	27.42	76.7	6.29	3.8	SR4	8/29/2017 15:06	29.02	76.5	6.30	3.5	SR4	8/29/2017 21:06	29.01	77.9	6.40	3.2
SR4	8/29/2017 3:11	27.25	78.4	6.35	3.8	SR4	8/29/2017 9:11	27.43	76.7	6.29	3.8	SR4	8/29/2017 15:11	29.03	76.5	6.31	3.5	SR4	8/29/2017 21:11	28.93	77.9	6.42	3.3
SR4	8/29/2017 3:16	27.23	78.4	6.35	3.7	SR4	8/29/2017 9:16	27.49	76.6	6.31	3.9	SR4	8/29/2017 15:16	29.34	76.5	6.30	3.5	SR4	8/29/2017 21:16	28.95	77.8	6.40	3.2
SR4	8/29/2017 3:21	27.21	77.8	6.29	3.7	SR4	8/29/2017 9:21	27.46	76.6	6.29	3.8	SR4	8/29/2017 15:21	29.25	76.5	6.31	3.4	SR4	8/29/2017 21:21	28.92	77.8	6.40	3.2
SR4	8/29/2017 3:26	27.20	77.8	6.30	3.7	SR4	8/29/2017 9:26	27.50	76.5	6.30	3.8	SR4	8/29/2017 15:26	29.20	76.6	6.32	3.5	SR4	8/29/2017 21:26	28.96	77.8	6.42	3.2
SR4	8/29/2017 3:31	27.18	78.1	6.32	3.6	SR4	8/29/2017 9:31	27.52	76.4	6.27	3.9	SR4	8/29/2017 15:31	29.22	76.6	6.34	3.6	SR4	8/29/2017 21:31	28.95	77.8	6.39	3.3
SR4	8/29/2017 3:36	27.19	78.1	6.32	3.7	SR4	8/29/2017 9:36	27.54	76.4	6.28	3.8	SR4	8/29/2017 15:36	29.20	76.6	6.30	3.5	SR4	8/29/2017 21:36	28.92	77.7	6.42	3.1
SR4	8/29/2017 3:41	27.18	77.9	6.31	3.7	SR4	8/29/2017 9:41	27.54	76.4	6.30	3.9	SR4	8/29/2017 15:41	29.34	76.6	6.32	3.5	SR4	8/29/2017 21:41	28.79	77.7	6.42	3.2
SR4	8/29/2017 3:46	27.17	77.9	6.31	3.8	SR4	8/29/2017 9:46	27.59	76.3	6.28	3.8	SR4	8/29/2017 15:46	29.38	76.5	6.33	3.5	SR4	8/29/2017 21:46	28.75	77.7	6.42	3.2
SR4	8/29/2017 3:51	27.16	78.1	6.32	3.8	SR4	8/29/2017 9:51	27.56	76.3	6.29	3.9	SR4	8/29/2017 15:51	29.35	76.6	6.32	3.5	SR4	8/29/2017 21:51	28.74	77.7	6.42	3.1
SR4	8/29/2017 3:56	27.13	77.8	6.30	3.7	SR4	8/29/2017 9:56	27.57	76.2	6.27	3.9	SR4	8/29/2017 15:56	29.28	76.6	6.33	3.5	SR4	8/29/2017 21:56	28.77	77.7	6.39	3.2
SR4	8/29/2017 4:01	27.15	77.9	6.32	3.7	SR4	8/29/2017 10:01	27.58	76.2	6.30	3.9	SR4	8/29/2017 16:01	29.02	76.7	6.34	3.5	SR4	8/29/2017 22:01	28.81	77.6	6.39	3.2
SR4	8/29/2017 4:06	27.16	78.1	6.33	3.7	SR4	8/29/2017 10:06	27.63	76.2	6.30	4.0	SR4	8/29/2017 16:06	29.33	76.6	6.33	3.5	SR4	8/29/2017 22:06	28.83	77.6	6.42	3.2
SR4	8/29/2017 4:11	27.17	77.9	6.31	3.7	SR4	8/29/2017 10:11	27.65	76.1	6.31	3.9	SR4	8/29/2017 16:11	29.35	76.6	6.32	3.6	SR4	8/29/2017 22:11	28.84	77.6	6.42	3.2
SR4	8/29/2017 4:16	27.15	78.2	6.33	3.7	SR4	8/29/2017 10:16	27.65	76.1	6.28	3.9	SR4	8/29/2017 16:16	29.25	76.7	6.31	3.6	SR4	8/29/2017 22:16	28.87	77.6	6.38	3.1
SR4	8/29/2017 4:21	27.17	78.7	6.37	3.7	SR4	8/29/2017 10:21	27.66	76.0	6.26	3.9	SR4	8/29/2017 16:21	29.42	76.7	6.32	3.5	SR4	8/29/2017 22:21	28.88	77.6	6.39	3.2
SR4	8/29/2017 4:26	27.16	78.3	6.34	3.8	SR4	8/29/2017 10:26	27.70	76.0	6.26	3.9	SR4	8/29/2017 16:26	29.51	76.7	6.33	3.5	SR4	8/29/2017 22:26	28.89	77.5	6.40	3.2
SR4	8/29/2017 4:31	27.17	78.7	6.38	3.7	SR4	8/29/2017 10:31	27.68	75.9	6.30	3.8	SR4	8/29/2017 16:31	29.65	76.7	6.33	3.5	SR4	8/29/2017 22:31	28.89	77.5	6.43	3.2
SR4	8/29/2017 4:36	27.16	78.5	6.36	3.7	SR4	8/29/2017 10:36	27.71	75.9	6.28	3.9	SR4	8/29/2017 16:36	29.60	76.8	6.35	3.5	SR4	8/29/2017 22:36	28.90	77.5	6.40	3.2
SR4	8/29/2017 4:41	27.16	78.7	6.37	3.7	SR4	8/29/2017 10:41	27.72	75.9	6.29	3.9	SR4	8/29/2017 16:41	29.52	76.9	6.36	3.5	SR4	8/29/2017 22:41	28.91	77.5	6.39	3.3
SR4	8/29/2017 4:46	27.16	78.7	6.37	3.7	SR4	8/29/2017 10:46	27.99	75.8	6.24	3.8	SR4	8/29/2017 16:46	29.54	76.8	6.33	3.4	SR4	8/29/2017 22:46	28.91	77.4	6.41	3.3
SR4	8/29/2017 4:51	27.17	78.6	6.37	3.7	SR4	8/29/2017 10:51	28.02	75.8	6.26	3.9	SR4	8/29/2017 16:51	29.41	76.9	6.34	3.7	SR4	8/29/2017 22:51	28.91	77.4	6.43	3.1
SR4	8/29/2017 4:56	27.16	78.6	6.37	3.7	SR4	8/29/2017 10:56	28.19	75.9	6.26	3.9	SR4	8/29/2017 16:56	29.18	77.0	6.32	3.6	SR4	8/29/2017 22:56	28.91	77.4	6.41	3.1
SR4	8/29/2017 5:01	27.16	78.6	6.37	3.7	SR4	8/29/2017 11:01	28.19	75.8	6.24	3.9	SR4	8/29/2017 17:01	29.05	77.0	6.32	3.3	SR4	8/29/2017 23:01	28.91	77.4	6.42	3.1
SR4	8/29/2017 5:06	27.16	78.5	6.36	3.8	SR4	8/29/2017 11:06	28.28	75.9	6.27	3.8	SR4	8/29/2017 17:06	29.01	77.0	6.34	3.5	SR4	8/29/2017 23:06	28.92	77.4	6.41	3.3
SR4	8/29/2017 5:11	27.16	78.7	6.37	3.9	SR4	8/29/2017 11:11	28.27	75.8	6.26	3.8	SR4	8/29/2017 17:11	28.98	77.0	6.36	3.5	SR4	8/29/2017 23:11	28.93	77.3	6.43	3.2
SR4	8/29/2017 5:16	27.16	78.6	6.37	3.8	SR4	8/29/2017 11:16	28.57	75.8	6.26	3.9	SR4	8/29/2017 17:16	28.88	77.1	6.32	3.4	SR4	8/29/2017 23:16	28.94	77.3	6.41	3.6
SR4	8/29/2017 5:21	27.15	78.5	6.36	3.8	SR4	8/29/2017 11:21	28.57	75.8	6.25	3.9	SR4	8/29/2017 17:21	28.92	77.1	6.36	3.5	SR4	8/29/2017 23:21	29.00	77.3	6.41	3.6
SR4	8/29/2017 5:26	27.16	78.5	6.36	3.9	SR4	8/29/2017 11:26	28.67	75.8	6.27	4.1	SR4	8/29/2017 17:26	28.97	77.1	6.34	3.5	SR4	8/29/2017 23:26	29.03	77.3	6.41	3.3
SR4	8/29/2017 5:31	27.17	78.4	6.35	3.9	SR4	8/29/2017 11:31	28.60	75.9	6.29	3.6	SR4	8/29/2017 17:31	29.13	77.1	6.32	3.5	SR4	8/29/2017 23:31	29.08	77.3	6.41	3.6
SR4	8/29/2017 5:36	27.16	78.5	6.35	3.8	SR4	8/29/2017 11:36	28.50	75.9	6.28	3.7	SR4	8/29/2017 17:36	29.14	77.2	6.32	3.4	SR4	8/29/2017 23:36	29.05	77.2	6.42	3.6
SR4	8/29/2017 5:41	27.16	78.4	6.35	3.9	SR4	8/29/2017 11:41	28.63	75.9	6.29	3.7	SR4	8/29/2017 17:41	29.11	77.3	6.37	3.6	SR4	8/29/2017 23:41	29.04	77.2	6.40	3.4
SR4	8/29/2017 5:46	27.22	78.4	6.38	3.8	SR4	8/29/2017 11:46	28.51	75.9	6.27	3.2	SR4	8/29/2017 17:46	29.15	77.2	6.36	3.5	SR4	8/29/2017 23:46	28.99	77.2	6.44	3.4
SR4	8/29/2017 5:51	27.18	78.4	6.36	3.9	SR4	8/29/2017 11:51	28.40	75.9	6.29	3.2	SR4	8/29/2017 17:51	29.16	77.2	6.33	3.4	SR4	8/29/2017 23:51	28.96	77.2	6.40	3.5
SR4	8/29/2017 5:56	27.18	78.4	6.39	3.9	SR4	8/29/2017 11:56	28.60	76.0	6.26	3.1	SR4	8/29/2017 17:56	29.18	77.4	6.37	3.5	SR4	8/29/2017 23:56	28.95	77.1	6.43	3.4

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR5	8/29/2017 0:00	27.59	78.3	6.10	6.8	SR5	8/29/2017 6:00	27.22	80.9	6.35	5.3	SR5	8/29/2017 12:00	28.55	78.5	6.01	5.4	SR5	8/29/2017 18:00	29.42	83.2	6.28	2.5
SR5	8/29/2017 0:05	27.58	78.8	6.14	6.7	SR5	8/29/2017 6:05	27.23	80.9	6.34	5.4	SR5	8/29/2017 12:05	28.61	78.5	6.01	2.2	SR5	8/29/2017 18:05	29.36	83.2	6.28	3.0
SR5	8/29/2017 0:10	27.57	78.9	6.15	6.8	SR5	8/29/2017 6:10	27.24	80.4	6.30	5.3	SR5	8/29/2017 12:10	28.64	78.6	6.01	2.2	SR5	8/29/2017 18:10	29.31	83.0	6.27	2.6
SR5	8/29/2017 0:15	27.56	79.3	6.18	7.1	SR5	8/29/2017 6:15	27.26	80.0	6.27	5.3	SR5	8/29/2017 12:15	28.64	78.6	6.01	2.0	SR5	8/29/2017 18:15	29.30	83.4	6.30	2.2
SR5	8/29/2017 0:20	27.56	79.2	6.17	7.0	SR5	8/29/2017 6:20	27.25	80.2	6.29	5.4	SR5	8/29/2017 12:20	28.72	78.9	6.03	2.6	SR5	8/29/2017 18:20	29.34	83.9	6.33	2.4
SR5	8/29/2017 0:25	27.56	78.6	6.12	7.1	SR5	8/29/2017 6:25	27.25	80.2	6.29	5.4	SR5	8/29/2017 12:25	28.60	78.5	6.00	1.9	SR5	8/29/2017 18:25	29.39	84.0	6.34	2.7
SR5	8/29/2017 0:30	27.56	77.8	6.07	7.3	SR5	8/29/2017 6:30	27.26	80.3	6.29	5.4	SR5	8/29/2017 12:30	28.45	78.2	6.00	1.9	SR5	8/29/2017 18:30	29.38	84.1	6.35	2.5
SR5	8/29/2017 0:35	27.56	78.4	6.11	7.1	SR5	8/29/2017 6:35	27.24	80.4	6.30	5.4	SR5	8/29/2017 12:35	28.57	78.6	6.02	1.7	SR5	8/29/2017 18:35	29.39	84.2	6.36	2.8
SR5	8/29/2017 0:40	27.58	78.1	6.08	7.0	SR5	8/29/2017 6:40	27.23	80.3	6.29	5.4	SR5	8/29/2017 12:40	28.68	78.9	6.02	1.6	SR5	8/29/2017 18:40	29.39	84.5	6.38	5.1
SR5	8/29/2017 0:45	27.57	78.1	6.09	7.0	SR5	8/29/2017 6:45	27.23	80.5	6.31	5.4	SR5	8/29/2017 12:45	28.59	78.6	6.02	1.7	SR5	8/29/2017 18:45	29.41	84.5	6.37	3.4
SR5	8/29/2017 0:50	27.56	79.0	6.16	7.1	SR5	8/29/2017 6:50	27.21	80.7	6.33	5.5	SR5	8/29/2017 12:50	28.75	79.2	6.05	1.9	SR5	8/29/2017 18:50	29.42	84.4	6.36	3.3
SR5	8/29/2017 0:55	27.53	79.7	6.21	7.2	SR5	8/29/2017 6:55	27.23	79.9	6.26	5.4	SR5	8/29/2017 12:55	28.72	78.9	6.02	2.1	SR5	8/29/2017 18:55	29.38	84.3	6.36	2.9
SR5	8/29/2017 1:00	27.54	79.3	6.19	7.2	SR5	8/29/2017 7:00	27.28	79.2	6.20	5.4	SR5	8/29/2017 13:00	28.83	79.2	6.03	1.7	SR5	8/29/2017 19:00	29.41	83.9	6.33	3.5
SR5	8/29/2017 1:05	27.53	79.3	6.18	7.2	SR5	8/29/2017 7:05	27.29	78.8	6.17	5.5	SR5	8/29/2017 13:05	28.82	79.2	6.04	2.1	SR5	8/29/2017 19:05	29.50	84.6	6.37	3.0
SR5	8/29/2017 1:10	27.53	79.1	6.17	7.3	SR5	8/29/2017 7:10	27.31	78.4	6.14	5.4	SR5	8/29/2017 13:10	28.52	78.1	5.98	2.4	SR5	8/29/2017 19:10	29.47	83.6	6.30	2.5
SR5	8/29/2017 1:15	27.53	79.3	6.19	7.2	SR5	8/29/2017 7:15	27.31	78.2	6.12	5.4	SR5	8/29/2017 13:15	28.35	77.7	5.97	1.9	SR5	8/29/2017 19:15	29.45	83.4	6.29	2.3
SR5	8/29/2017 1:20	27.47	79.4	6.20	7.2	SR5	8/29/2017 7:20	27.31	79.0	6.18	5.4	SR5	8/29/2017 13:20	28.38	77.9	5.98	1.8	SR5	8/29/2017 19:20	29.43	83.2	6.28	3.5
SR5	8/29/2017 1:25	27.47	79.6	6.21	7.1	SR5	8/29/2017 7:25	27.32	78.9	6.18	5.4	SR5	8/29/2017 13:25	28.43	78.1	5.99	1.9	SR5	8/29/2017 19:25	29.43	82.9	6.25	2.6
SR5	8/29/2017 1:30	27.46	79.3	6.19	7.0	SR5	8/29/2017 7:30	27.31	79.4	6.22	5.4	SR5	8/29/2017 13:30	28.53	78.4	6.01	1.6	SR5	8/29/2017 19:30	29.44	82.6	6.23	2.8
SR5	8/29/2017 1:35	27.44	79.3	6.20	7.2	SR5	8/29/2017 7:35	27.35	78.9	6.17	5.4	SR5	8/29/2017 13:35	28.65	78.8	6.02	1.9	SR5	8/29/2017 19:35	29.43	82.6	6.23	2.5
SR5	8/29/2017 1:40	27.42	79.1	6.18	7.0	SR5	8/29/2017 7:40	27.36	78.7	6.16	5.4	SR5	8/29/2017 13:40	28.57	78.6	6.01	1.6	SR5	8/29/2017 19:40	29.41	82.3	6.21	2.6
SR5	8/29/2017 1:45	27.41	78.8	6.15	7.1	SR5	8/29/2017 7:45	27.38	78.7	6.16	5.4	SR5	8/29/2017 13:45	28.55	78.4	6.00	2.0	SR5	8/29/2017 19:45	29.38	82.2	6.20	2.3
SR5	8/29/2017 1:50	27.41	78.7	6.15	7.0	SR5	8/29/2017 7:50	27.38	78.8	6.16	5.4	SR5	8/29/2017 13:50	28.65	78.6	6.01	1.8	SR5	8/29/2017 19:50	29.36	81.9	6.18	2.2
SR5	8/29/2017 1:55	27.40	79.3	6.20	7.3	SR5	8/29/2017 7:55	27.38	78.6	6.15	5.6	SR5	8/29/2017 13:55	28.66	78.7	6.01	2.3	SR5	8/29/2017 19:55	29.34	81.8	6.18	2.1
SR5	8/29/2017 2:00	27.41	79.8	6.24	8.0	SR5	8/29/2017 8:00	27.39	78.3	6.12	5.4	SR5	8/29/2017 14:00	28.67	78.7	6.01	1.9	SR5	8/29/2017 20:00	29.37	81.6	6.19	2.4
SR5	8/29/2017 2:05	27.39	80.7	6.31	7.4	SR5	8/29/2017 8:05	27.46	77.8	6.08	5.5	SR5	8/29/2017 14:05	28.69	79.2	6.05	2.8	SR5	8/29/2017 20:05	29.39	81.4	6.20	2.2
SR5	8/29/2017 2:10	27.38	80.9	6.32	7.3	SR5	8/29/2017 8:10	27.53	77.2	6.02	5.5	SR5	8/29/2017 14:10	28.50	78.5	6.02	2.8	SR5	8/29/2017 20:10	29.39	81.3	6.19	2.1
SR5	8/29/2017 2:15	27.37	81.0	6.33	7.2	SR5	8/29/2017 8:15	27.51	76.3	5.95	5.5	SR5	8/29/2017 14:15	28.54	78.5	6.01	2.2	SR5	8/29/2017 20:15	29.36	81.0	6.17	2.1
SR5	8/29/2017 2:20	27.39	80.8	6.32	5.3	SR5	8/29/2017 8:20	27.51	76.8	5.99	5.4	SR5	8/29/2017 14:20	28.60	78.6	6.02	2.1	SR5	8/29/2017 20:20	29.37	80.8	6.21	1.9
SR5	8/29/2017 2:25	27.40	80.6	6.30	5.3	SR5	8/29/2017 8:25	27.53	76.6	5.97	5.5	SR5	8/29/2017 14:25	28.66	79.1	6.04	2.0	SR5	8/29/2017 20:25	29.38	80.7	6.21	2.1
SR5	8/29/2017 2:30	27.40	80.9	6.32	5.4	SR5	8/29/2017 8:30	27.53	76.4	5.96	5.5	SR5	8/29/2017 14:30	28.67	78.9	6.03	1.8	SR5	8/29/2017 20:30	29.34	80.5	6.18	2.0
SR5	8/29/2017 2:35	27.39	80.8	6.31	5.4	SR5	8/29/2017 8:35	27.53	76.6	5.97	5.5	SR5	8/29/2017 14:35	28.64	78.8	6.03	2.1	SR5	8/29/2017 20:35	29.33	80.4	6.23	2.6
SR5	8/29/2017 2:40	27.38	80.6	6.30	5.7	SR5	8/29/2017 8:40	27.54	76.3	5.95	5.4	SR5	8/29/2017 14:40	28.65	78.8	6.03	1.6	SR5	8/29/2017 20:40	29.38	80.4	6.21	2.1
SR5	8/29/2017 2:45	27.38	80.8	6.32	5.4	SR5	8/29/2017 8:45	27.55	76.5	5.96	5.4	SR5	8/29/2017 14:45	28.64	78.7	6.02	1.6	SR5	8/29/2017 20:45	29.38	80.2	6.22	2.0
SR5	8/29/2017 2:50	27.37	80.8	6.32	5.4	SR5	8/29/2017 8:50	27.57	76.5	5.96	5.4	SR5	8/29/2017 14:50	28.62	78.6	6.01	1.8	SR5	8/29/2017 20:50	29.36	80.1	6.20	2.0
SR5	8/29/2017 2:55	27.35	80.9	6.33	5.4	SR5	8/29/2017 8:55	27.61	76.6	5.97	5.4	SR5						SR5	8/29/2017 20:55	29.34	80.0	6.23	2.2
SR5	8/29/2017 3:00	27.34	81.0	6.33	5.4	SR5	8/29/2017 9:00	27.62	76.4	5.95	5.5	SR5						SR5	8/29/2017 21:00	29.34	79.8	6.20	2.0
SR5	8/29/2017 3:05	27.34	81.0	6.34	5.4	SR5	8/29/2017 9:05	27.62	76.4	5.95	5.4	SR5						SR5	8/29/2017 21:05	29.35	79.8	6.23	2.0
SR5	8/29/2017 3:10	27.31	81.1	6.35	5.4	SR5	8/29/2017 9:10	27.63	76.4	5.95	5.5	SR5	8/29/2017 15:10	29.12	80.3	6.09	2.1	SR5	8/29/2017 21:10	29.33	79.7	6.20	2.2
SR5	8/29/2017 3:15	27.29	81.0	6.35	5.5	SR5	8/29/2017 9:15	27.64	76.1	5.93	5.5	SR5	8/29/2017 15:15	29.15	80.4	6.09	2.0	SR5	8/29/2017 21:15	29.32	79.5	6.20	1.9
SR5	8/29/2017 3:20	27.28	81.0	6.35	5.5	SR5	8/29/2017 9:20	27.68	76.1	5.92	5.4	SR5	8/29/2017 15:20	29.18	80.2	6.07	1.9	SR5	8/29/2017 21:20	29.34	79.4	6.24	2.1
SR5	8/29/2017 3:25	27.26	81.2	6.36	5.4	SR5	8/29/2017 9:25	27.73	75.8	5.89	5.4	SR5	8/29/2017 15:25	29.04	79.8	6.06	2.0	SR5	8/29/2017 21:25	29.34	79.4	6.20	2.2
SR5	8/29/2017 3:30	27.25	81.3	6.37	5.4	SR5	8/29/2017 9:30	27.80	75.9	5.89	5.5	SR5	8/29/2017 15:30	29.21	80.5	6.09	1.9	SR5	8/29/2017 21:30	29.30	79.2	6.24	2.2
SR5	8/29/2017 3:35	27.24	81.0	6.35	5.4	SR5	8/29/2017 9:35	27.85	76.1	5.90	5.4	SR5	8/29/2017 15:35	29.25	80.3	6.07	2.1	SR5	8/29/2017 21:35	29.29	79.2	6.20	2.2
SR5	8/29/2017 3:40	27.24	80.8	6.34	5.3	SR5	8/29/2017 9:40	27.86	76.0	5.89	5.4	SR5	8/29/2017 15:40	29.27	80.7	6.11	2.1	SR5	8/29/2017 21:40	29.30	79.1	6.22	2.0
SR5	8/29/2017 3:45	27.21	81.0	6.35	5.6	SR5	8/29/2017 9:45	27.88	75.8	5.87	5.4	SR5	8/29/2017 15:45	29.23	80.6	6.10	1.7	SR5	8/29/2017 21:45	29.27	79.0	6.24	2.0
SR5	8/29/2017 3:50	27.20	81.0	6.35	5.4	SR5	8/29/2017 9:50	27.95	76.4	5.92	5.4	SR5	8/29/2017 15:50	28.55	78.0	5.97	1.6	SR5	8/29/2017 21:50	29.30	79.0	6.24	1.9
SR5	8/29/2017 3:55	27.18	81.0	6.36	5.4	SR5	8/29/2017 9:55	27.94	75.9	5.88	5.4	SR5	8/29/2017 15:55	28.87	79.3	6.04	2.1	SR5	8/29/2017 21:55	29.27	78.9	6.21	1.9
SR5	8/29/2017 4:00	27.17	80.9	6.35	5.4	SR5	8/29/2017 10:00	27.94	75.9	5.87	5.4	SR5	8/29/2017 16:00	29.02	80.0	6.07	1.8	SR5	8/29/2017 22:00	29.29	78.9	6.25	1.8
SR5	8/29/2017 4:05	27.17	81.0	6.36	5.5	SR5	8/29/2017 10:05	27.93	75.9	5.88	5.4	SR5	8/29/2017 16:05	28.96	79.7	6.06	1.9	SR5	8/29/2017 22:05	29.26	78.7	6.22	1.9
SR5	8/29/2017 4:10	27.17	81.0	6.36	5.4	SR5	8/29/2017 10:10	27.92	75.5	5.85	5.4	SR5	8/29/2017 16:10	28.95	79.6	6.06	1.4	SR5	8/29/2017 22:10	29.28	78.8	6.26	1.7
SR5	8/29/2017 4:15	27.17	81.3	6.38	5.3	SR5	8/29/2017 10:15	27.92	75.3	5.83	5.4	SR5	8/29/2017 16:15	29.07	80.3	6.10	2.1	SR5	8/29/2017 22:15	29.27	78.6	6.22	2.0
SR5	8/29/2017 4:20	27.17	81.7	6.41	5.3	SR5	8/29/2017 10:20	27.94	75.4	5.84	5.4	SR5	8/29/2017 16:20	29.07	79.3	6.02	1.6	SR5	8/29/2017 22:20	29.29	78.6	6.26	1.8
SR5	8/29/2017 4:25	27.18	81.1	6.36	5.4	SR5	8/29/2017 10:25	28.04	76.4	5.90	5.4	SR5	8/29/2017 16:25	28.81	78.5	5.98	1.8	SR5	8/29/2017 22:25	29.24	78.4	6.25	1.7
SR5	8/29/2017 4:30	27.18	81.3	6.38	5.4	SR5	8/29/2017 10:30	27.98	75.3	5.83	5.4	SR5	8/29/2017 16:30	28.83	79.0	6.02	1.7	SR5	8/29/2017 22:30	29.26	78.4	6.22	1.9
SR5	8/29/2017 4:35	27.18	81.5	6.39	5.3	SR5	8/29/2017 10:35	27.97	75.1	5.81	5.4	SR5	8/29/2017 16:35	29.24	81.2	6.14	1.6	SR5	8/29/2017 22:35	29.27	78.4	6.23	1.9
SR5	8/29/2017 4:40	27.18	81.6	6.40	5.4	SR5	8/29/2017 10:40	28.00	75.6	5.85	5.5	SR5	8/29/2017 16:40	29.36	81.7	6.17	1.9	SR5	8/29/2017 22:40	29.26	78.3	6.25	2.0
SR5	8/29/2017 4:45	27.19	81.9	6.42	5.4	SR5	8/29/2017 10:45	27.98	75.3	5.83	5.4	SR5	8/29/2017 16:45	29.39	81.8	6.17	1.9	SR5	8/29/2017 22:45	29.27	78.2	6.26	1.9
SR5	8/29/2017 4:50	27.19	81.6	6.40	5.4	SR5	8/29/2017 10:50	28.01	75.7	5.85	5.4	SR5	8/29/2017 16:50	29.42	81.9	6.18	2.4	SR5	8/29/2017 22:50	29.25	78.1	6.26	2.0
SR5	8/29/2017 4:55	27.18	81.7	6.41	5.3	SR5	8/29/2017 10:55	28.09	76.6	5.91	5.5	SR5	8/29/2017 16:55	29.17	80.3	6.08	2.3	SR5	8/29/2017 22:55	29.28	78.1	6.24	1.9
SR5	8/29/2017 5:00	27.18	81.5	6.40	5.4	SR5	8/29/2017 11:00	28.12	76.5	5.90	5.5	SR5	8/29/2017 17:00	29.26	80.9	6.12	2.0	SR5	8/29/2017 23:00	29.27	78.0	6.23	1.9
SR5	8/29/2017 5:05	27.19	81.5	6.39	5.3	SR5	8/29/2017 11:05	28.22	77.3	5.95	5.6	SR5	8/29/2017 17:05	29.14	80.0	6.07	2.7	SR5	8/29/2017 23:05	29.25	78.0	6.26	2.1
SR5	8/29/2017 5:10	27.18	81.7	6.41	5.3	SR5	8/29/2017 11:10	28.25	77.1	5.93	5.6	SR5	8/29/2017 17:10	29.18	80.5	6.10	2.2	SR5	8/29/2017 23:10	29.25	77.9	6.26	2.0
SR5	8/29/2017 5:15	27.18	81.7	6.41	5.3	SR5	8/29/2017 11:15	28.17	76.9	5.93	5.6	SR5	8/29/2017 17:15	29.14	80.3	6.09	3.3	SR5	8/29/2017 23:15	29.25	77.9	6.24	2.0
SR5	8/29/2017 5:20	27.17	81.6	6.40	5.3	SR5	8/29/2017 11:20	28.28	77.4	5.96	5.5	SR5	8/29/2017 17:20	29.15	80.3	6.08	2.7	SR5	8/29/2017 23:20	29.25	77.8	6.22	1.7
SR5	8/29/2017 5:25	27.16	81.6	6.41	5.3	SR5	8/29/2017 11:25	28.29	77.4	5.95	5.6	SR5	8/29/2017 17:25	29.10	80.3	6.09	2.3	SR5	8/29/2017 23:25	29.24	77.8	6.23	2.1
SR5	8/29/2017 5:30	27.18	81.7	6.41	5.3	SR5	8/29/2017 11:30	28.42	78.0	5.99	5.6	SR5	8/29/2017 17:30	29.13	80.5	6.10	2.8	SR5	8/29/2017 23:30	29.23	77.7	6.23	1.8
SR5	8/29/2017 5:35	27.17	81.7	6.41	5.3	SR5	8/29/2017 11:35	28.40	77.8	5.97	5.5	SR5	8/29/2017 17:35	29.22	81.5	6.17	3.0	SR5	8/29/2017 23:35	29.25	77.7	6.23	1.8
SR5	8/29/2017 5:40	27.18	81.6	6.40	5.3	SR5	8/29/2017 11:40	28.50	78.1	5.99	5.5	SR5	8/29/2017 17:40	29.25	81.3	6.15	3.1	SR5	8/29/2017 23:40	29.25	77.6	6.22	1.8
SR5	8/29/2017 5:45	27.20	81.3	6.38	5.3	SR5	8/29/2017 11:45	28.52	78.2	5.99	5.5	SR5	8/29/2017 17:45	29.26	81.3	6.15	2.3	SR5	8/29/2017 23:45	29.25	77.5	6.23	1.7
SR5	8/29/2017 5:50	27.21	81.1	6.36	5.4	SR5	8/29/2017 11:50	28.53	78.2	5.99	5.5	SR5	8/29/2017 17:50	29.28	81.8	6.18	2.7	SR5	8/29/2017 23:50	29.26	77.4	6.26	2.0
SR5	8/29/2017 5:55	27.21	81.0	6.35	5.3	SR5	8/29/2017 11:55	28.61	78.7	6.02	5.4	SR5	8/29/2017 17:55	29.36	82.6	6.24	2.4	SR5	8/29/2017 23:55	29.25	77.4	6.25	1.8

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR12	8/29/2017 0:01	27.52	71.6	5.21	3.1	SR12	8/29/2017 6:01	27.19	78.1	6.33	4.1	SR12	8/29/2017 12:01	28.64	76.2	6.10	3.5	SR12	8/29/2017 18:01	29.27	78.9	6.27	1.9
SR12	8/29/2017 0:06	27.47	73.2	5.37	3.4	SR12	8/29/2017 6:06	27.20	78.0	6.32	4.1	SR12	8/29/2017 12:06	28.69	76.1	6.08	3.5	SR12	8/29/2017 18:06	29.26	79.0	6.28	2.0
SR12	8/29/2017 0:11	27.46	73.5	5.41	2.7	SR12	8/29/2017 6:11	27.22	77.6	6.29	3.5	SR12	8/29/2017 12:11	28.80	76.2	6.09	2.8	SR12	8/29/2017 18:11	29.27	79.2	6.29	1.3
SR12	8/29/2017 0:16	27.46	73.4	5.40	4.8	SR12	8/29/2017 6:16	27.22	77.5	6.30	4.1	SR12	8/29/2017 12:16	28.73	76.0	6.09	3.4	SR12	8/29/2017 18:16	29.25	79.2	6.29	2.0
SR12	8/29/2017 0:21	27.46	73.3	5.38	4.7	SR12	8/29/2017 6:21	27.22	77.6	6.29	4.1	SR12	8/29/2017 12:21	28.75	76.3	6.09	3.3	SR12	8/29/2017 18:21	29.24	79.4	6.31	1.5
SR12	8/29/2017 0:26	27.48	72.8	5.32	3.0	SR12	8/29/2017 6:26	27.22	77.7	6.30	3.5	SR12	8/29/2017 12:26	28.72	76.0	6.08	2.8	SR12	8/29/2017 18:26	29.27	79.5	6.30	1.4
SR12	8/29/2017 0:31	27.47	72.9	5.33	4.8	SR12	8/29/2017 6:31	27.23	77.4	6.27	4.2	SR12	8/29/2017 12:31	28.73	75.9	6.08	3.2	SR12	8/29/2017 18:31	29.37	80.4	6.37	1.5
SR12	8/29/2017 0:36	27.47	72.7	5.32	5.0	SR12	8/29/2017 6:36	27.21	77.6	6.30	4.1	SR12	8/29/2017 12:36	28.81	76.2	6.10	3.3	SR12	8/29/2017 18:36	29.40	80.2	6.36	2.2
SR12	8/29/2017 0:41	27.48	72.4	5.30	4.2	SR12	8/29/2017 6:41	27.21	77.6	6.30	3.3	SR12	8/29/2017 12:41	28.69	75.9	6.07	2.7	SR12	8/29/2017 18:41	29.42	80.2	6.35	1.4
SR12	8/29/2017 0:46	27.46	73.0	5.35	4.8	SR12	8/29/2017 6:46	27.23	77.2	6.28	4.1	SR12	8/29/2017 12:46	28.84	76.6	6.12	3.4	SR12	8/29/2017 18:46	29.42	80.3	6.36	1.4
SR12	8/29/2017 0:51	27.45	73.4	5.38	3.4	SR12	8/29/2017 6:51	27.25	77.3	6.28	4.1	SR12	8/29/2017 12:51	28.90	77.0	6.15	3.3	SR12	8/29/2017 18:51	29.40	80.0	6.33	1.5
SR12	8/29/2017 0:56	27.46	73.2	5.35	3.0	SR12	8/29/2017 6:56	27.27	77.0	6.26	3.5	SR12	8/29/2017 12:56	28.90	76.5	6.10	2.6	SR12	8/29/2017 18:56	29.42	80.2	6.35	1.7
SR12	8/29/2017 1:01	27.46	73.1	5.33	3.5	SR12	8/29/2017 7:01	27.27	76.9	6.24	4.0	SR12	8/29/2017 13:01	28.90	76.3	6.10	3.3	SR12	8/29/2017 19:01	29.45	80.0	6.34	2.1
SR12	8/29/2017 1:06	27.44	73.5	5.38	3.4	SR12	8/29/2017 7:06	27.28	76.3	6.19	4.3	SR12	8/29/2017 13:06	28.79	76.1	6.08	3.4	SR12	8/29/2017 19:06	29.53	80.3	6.35	1.5
SR12	8/29/2017 1:11	27.45	73.2	5.35	2.5	SR12	8/29/2017 7:11	27.30	76.4	6.21	3.5	SR12	8/29/2017 13:11	28.60	75.5	6.06	2.6	SR12	8/29/2017 19:11	29.50	79.7	6.31	1.8
SR12	8/29/2017 1:16	27.42	72.8	5.28	2.9	SR12	8/29/2017 7:16	27.30	76.4	6.20	3.7	SR12	8/29/2017 13:16	28.51	75.5	6.06	3.5	SR12	8/29/2017 19:16	29.47	79.2	6.28	2.1
SR12	8/29/2017 1:21	27.39	73.4	5.36	2.8	SR12	8/29/2017 7:21	27.32	76.6	6.23	3.6	SR12	8/29/2017 13:21	28.54	75.5	6.07	3.9	SR12	8/29/2017 19:21	29.44	79.1	6.27	2.1
SR12	8/29/2017 1:26	27.37	72.7	5.29	2.4	SR12	8/29/2017 7:26	27.33	76.5	6.21	3.2	SR12	8/29/2017 13:26	28.71	76.3	6.12	3.5	SR12	8/29/2017 19:26	29.40	78.8	6.25	1.6
SR12	8/29/2017 1:31	27.36	73.2	5.32	2.6	SR12	8/29/2017 7:31	27.34	76.6	6.22	4.2	SR12	8/29/2017 13:31	28.64	75.8	6.08	4.0	SR12	8/29/2017 19:31	29.37	78.6	6.22	1.7
SR12	8/29/2017 1:36	27.35	72.5	5.27	2.4	SR12	8/29/2017 7:36	27.36	76.5	6.21	4.3	SR12	8/29/2017 13:36	28.71	76.0	6.09	4.1	SR12	8/29/2017 19:36	29.33	78.6	6.23	2.1
SR12	8/29/2017 1:41	27.35	71.6	5.16	3.4	SR12	8/29/2017 7:41	27.36	76.3	6.19	3.2	SR12	8/29/2017 13:41	28.86	77.0	6.14	3.3	SR12	8/29/2017 19:41	29.32	78.3	6.22	1.7
SR12	8/29/2017 1:46	27.34	72.7	5.28	3.5	SR12	8/29/2017 7:46	27.37	76.1	6.17	4.2	SR12	8/29/2017 13:46	28.84	76.9	6.14	3.9	SR12	8/29/2017 19:46	29.28	78.4	6.22	2.2
SR12	8/29/2017 1:51	27.33	72.9	5.29	4.0	SR12	8/29/2017 7:51	27.38	76.0	6.17	3.5	SR12	8/29/2017 13:51	28.72	76.2	6.11	4.0	SR12	8/29/2017 19:51	29.28	78.4	6.22	1.8
SR12	8/29/2017 1:56	27.32	73.3	5.33	2.2	SR12	8/29/2017 7:56	27.38	76.2	6.17	3.4	SR12	8/29/2017 13:56	28.83	76.8	6.14	3.2	SR12	8/29/2017 19:56	29.25	78.2	6.20	1.9
SR12	8/29/2017 2:01	27.32	73.6	5.36	2.4	SR12	8/29/2017 8:01	27.41	75.8	6.15	4.1	SR12	8/29/2017 14:01	28.71	76.1	6.10	3.9	SR12	8/29/2017 20:01	29.26	78.3	6.21	2.5
SR12	8/29/2017 2:06	27.31	74.1	5.40	2.6	SR12	8/29/2017 8:06	27.44	75.6	6.13	4.5	SR12	8/29/2017 14:06	28.83	76.8	6.15	3.7	SR12	8/29/2017 20:06	29.25	78.1	6.20	1.8
SR12	8/29/2017 2:11	27.30	74.5	5.45	3.3	SR12	8/29/2017 8:11	27.44	75.3	6.11	3.1	SR12	8/29/2017 14:11	28.63	75.7	6.08	3.2	SR12	8/29/2017 20:11	29.23	78.0	6.20	2.4
SR12	8/29/2017 2:16	27.28	75.1	5.51	2.6	SR12	8/29/2017 8:16	27.46	75.0	6.08	4.5	SR12	8/29/2017 14:16	28.89	76.8	6.13	3.7	SR12	8/29/2017 20:16	29.17	77.8	6.18	2.2
SR12	8/29/2017 2:21	27.28	75.1	5.51	2.5	SR12	8/29/2017 8:21	27.47	75.2	6.11	4.6	SR12	8/29/2017 14:21	28.90	76.6	6.13	3.6	SR12	8/29/2017 20:21	29.15	77.4	6.18	2.9
SR12	8/29/2017 2:26	27.29	74.8	5.48	2.3	SR12	8/29/2017 8:26	27.47	74.9	6.07	2.8	SR12	8/29/2017 14:26	28.91	76.7	6.13	2.8	SR12	8/29/2017 20:26	29.13	77.3	6.18	1.6
SR12	8/29/2017 2:31	27.29	74.6	5.46	3.9	SR12	8/29/2017 8:31	27.49	74.8	6.06	4.4	SR12	8/29/2017 14:31	28.89	76.8	6.13	3.3	SR12	8/29/2017 20:31	29.09	77.3	6.18	2.2
SR12	8/29/2017 2:36	27.30	74.4	5.44	2.9	SR12	8/29/2017 8:36	27.48	75.1	6.09	3.3	SR12	8/29/2017 14:36	28.77	76.3	6.10	3.2	SR12	8/29/2017 20:36	29.07	77.4	6.20	2.8
SR12	8/29/2017 2:41	27.29	74.5	5.45	3.4	SR12	8/29/2017 8:41	27.49	74.8	6.06	3.6	SR12	8/29/2017 14:41	28.93	76.5	6.11	2.5	SR12	8/29/2017 20:41	29.16	77.8	6.22	1.6
SR12	8/29/2017 2:46	27.27	74.7	5.46	4.4	SR12	8/29/2017 8:46	27.51	75.1	6.09	3.2	SR12	8/29/2017 14:46	28.97	76.6	6.12	3.2	SR12	8/29/2017 20:46	29.16	77.6	6.23	2.9
SR12	8/29/2017 2:51	27.27	74.4	5.43	4.4	SR12	8/29/2017 8:51	27.52	74.9	6.07	3.2	SR12	8/29/2017 14:51	28.96	76.5	6.10	2.9	SR12	8/29/2017 20:51	29.15	77.5	6.22	2.0
SR12	8/29/2017 2:56	27.26	74.7	5.46	3.3	SR12	8/29/2017 8:56	27.54	74.9	6.07	3.5	SR12	8/29/2017 14:56	29.02	76.9	6.12	2.4	SR12	8/29/2017 20:56	29.15	77.3	6.20	1.9
SR12	8/29/2017 3:01	27.24	74.9	5.47	4.8	SR12	8/29/2017 9:01	27.55	74.8	6.05	4.3	SR12	8/29/2017 15:01	28.99	76.8	6.12	2.6	SR12	8/29/2017 21:01	29.14	76.9	6.17	2.6
SR12	8/29/2017 3:06	27.22	75.1	5.49	4.7	SR12	8/29/2017 9:06	27.55	74.7	6.04	3.5	SR12	8/29/2017 15:06	29.06	77.0	6.13	2.9	SR12	8/29/2017 21:06	29.13	77.2	6.20	2.5
SR12	8/29/2017 3:11	27.24	74.6	5.44	3.9	SR12	8/29/2017 9:11	27.59	74.8	6.05	3.1	SR12	8/29/2017 15:11	29.10	77.1	6.14	2.2	SR12	8/29/2017 21:11	29.09	77.0	6.19	1.5
SR12	8/29/2017 3:16	27.24	74.4	5.42	4.5	SR12	8/29/2017 9:16	27.59	74.5	6.04	3.5	SR12	8/29/2017 15:16	29.22	77.1	6.13	2.6	SR12	8/29/2017 21:16	29.04	77.0	6.19	2.0
SR12	8/29/2017 3:21	27.21	74.6	5.43	4.4	SR12	8/29/2017 9:21	27.64	74.4	6.01	3.7	SR12	8/29/2017 15:21	29.24	77.2	6.14	2.5	SR12	8/29/2017 21:21	29.03	76.8	6.19	1.8
SR12	8/29/2017 3:26	27.18	74.9	5.45	3.8	SR12	8/29/2017 9:26	27.67	74.2	6.00	3.5	SR12	8/29/2017 15:26	29.18	77.3	6.16	2.0	SR12	8/29/2017 21:26	29.03	76.7	6.19	2.3
SR12	8/29/2017 3:31	27.17	74.8	5.45	4.7	SR12	8/29/2017 9:31	27.74	74.2	5.99	4.3	SR12	8/29/2017 15:31	29.20	77.5	6.17	2.4	SR12	8/29/2017 21:31	29.00	76.6	6.19	2.3
SR12	8/29/2017 3:36	27.17	74.6	5.44	4.8	SR12	8/29/2017 9:36	27.77	74.3	6.00	4.0	SR12	8/29/2017 15:36	28.97	76.4	6.10	2.3	SR12	8/29/2017 21:36	28.99	76.7	6.19	3.0
SR12	8/29/2017 3:41	27.16	74.5	5.41	3.3	SR12	8/29/2017 9:41	27.80	74.7	6.03	3.3	SR12	8/29/2017 15:41	29.02	76.6	6.12	1.9	SR12	8/29/2017 21:41	28.95	76.6	6.19	2.5
SR12	8/29/2017 3:46	27.14	74.6	5.43	4.8	SR12	8/29/2017 9:46	27.83	74.5	6.01	4.3	SR12	8/29/2017 15:46	29.01	76.6	6.12	2.2	SR12	8/29/2017 21:46	28.92	76.7	6.21	3.0
SR12	8/29/2017 3:51	27.12	74.8	5.43	4.6	SR12	8/29/2017 9:51	27.84	74.7	6.03	4.3	SR12	8/29/2017 15:51	28.92	76.7	6.14	2.2	SR12	8/29/2017 21:51	28.94	77.1	6.24	2.9
SR12	8/29/2017 3:56	27.11	74.5	5.39	4.0	SR12	8/29/2017 9:56	27.85	74.5	6.01	3.4	SR12	8/29/2017 15:56	29.05	77.0	6.15	1.4	SR12	8/29/2017 21:56	28.94	76.9	6.20	1.7
SR12	8/29/2017 4:01	27.10	74.3	5.38	4.7	SR12	8/29/2017 10:01	27.83	74.2	6.00	4.1	SR12	8/29/2017 16:01	29.07	77.3	6.16	1.7	SR12	8/29/2017 22:01	28.94	76.9	6.22	2.2
SR12	8/29/2017 4:06	27.09	74.4	5.39	4.7	SR12	8/29/2017 10:06	27.85	74.1	5.99	4.1	SR12	8/29/2017 16:06	29.12	76.8	6.12	1.8	SR12	8/29/2017 22:06	28.93	76.6	6.20	2.0
SR12	8/29/2017 4:11	27.17	77.9	6.31	3.7	SR12	8/29/2017 10:11	27.89	74.4	6.01	3.5	SR12	8/29/2017 16:11	29.10	76.9	6.13	1.4	SR12	8/29/2017 22:11	28.96	77.1	6.26	2.4
SR12	8/29/2017 4:16	27.15	78.2	6.33	3.3	SR12	8/29/2017 10:16	27.89	74.4	6.01	4.2	SR12	8/29/2017 16:16	29.02	76.7	6.12	1.5	SR12	8/29/2017 22:16	28.96	76.5	6.19	2.9
SR12	8/29/2017 4:21	27.17	78.7	6.37	4.4	SR12	8/29/2017 10:21	27.87	74.0	5.97	4.2	SR12	8/29/2017 16:21	29.27	77.3	6.15	1.5	SR12	8/29/2017 22:21	28.98	76.6	6.21	2.3
SR12	8/29/2017 4:26	27.16	78.3	6.34	3.8	SR12	8/29/2017 10:26	27.95	74.8	6.03	3.5	SR12	8/29/2017 16:26	29.24	77.2	6.15	1.4	SR12	8/29/2017 22:26	28.97	76.3	6.20	1.9
SR12	8/29/2017 4:31	27.17	78.7	6.38	4.6	SR12	8/29/2017 10:31	27.88	73.9	5.98	3.4	SR12	8/29/2017 16:31	29.29	77.3	6.15	1.5	SR12	8/29/2017 22:31	28.99	76.6	6.22	2.8
SR12	8/29/2017 4:36	27.16	78.5	6.36	4.5	SR12	8/29/2017 10:36	27.92	74.2	5.99	4.2	SR12	8/29/2017 16:36	29.37	78.0	6.20	1.7	SR12	8/29/2017 22:36	28.98	76.7	6.22	2.3
SR12	8/29/2017 4:41	27.16	78.7	6.37	3.8	SR12	8/29/2017 10:41	27.93	74.3	6.00	3.5	SR12	8/29/2017 16:41	29.34	77.8	6.19	1.3	SR12	8/29/2017 22:41	28.98	76.4	6.20	1.8
SR12	8/29/2017 4:46	27.16	78.7	6.37	4.4	SR12	8/29/2017 10:46	27.99	73.8	5.95	4.0	SR12	8/29/2017 16:46	29.19	77.3	6.16	1.5	SR12	8/29/2017 22:46	28.98	76.2	6.20	2.8
SR12	8/29/2017 4:51	27.17	78.6	6.37	4.5	SR12	8/29/2017 10:51	28.02	74.0	5.97	4.0	SR12	8/29/2017 16:51	29.28	78.0	6.20	1.5	SR12	8/29/2017 22:51	28.98	76.3	6.22	2.8
SR12	8/29/2017 4:56	27.16	78.6	6.37	3.6	SR12	8/29/2017 10:56	28.19	75.1	6.04	3.2	SR12	8/29/2017 16:56	29.27	78.0	6.19	1.2	SR12	8/29/2017 22:56	28.98	76.4	6.22	1.8
SR12	8/29/2017 5:01	27.16	78.6	6.37	4.4	SR12	8/29/2017 11:01	28.19	74.8	6.01	4.0	SR12	8/29/2017 17:01	29.19	77.8	6.18	1.4	SR12	8/29/2017 23:01	28.98	76.4	6.22	2.1
SR12	8/29/2017 5:06	27.16	78.5	6.36	4.3	SR12	8/29/2017 11:06	28.28	75.3	6.06	4.0	SR12	8/29/2017 17:06	29.18	77.7	6.18	2.0	SR12	8/29/2017 23:06	28.98	76.4	6.23	2.3
SR12	8/29/2017 5:11	27.16	78.7	6.37	3.5	SR12	8/29/2017 11:11	28.27	75.1	6.05	2.4	SR12	8/29/2017 17:11	29.19	78.0	6.20	1.6	SR12	8/29/2017 23:11	28.98	76.5	6.24	1.8
SR12	8/29/2017 5:16	27.16	78.6	6.37	4.2	SR12	8/29/2017 11:16	28.33	74.9	6.03	3.7	SR12	8/29/2017 17:16	29.15	78.0	6.19	1.5	SR12	8/29/2017 23:16	28.98	76.4	6.22	2.5
SR12	8/29/2017 5:21	27.15	78.5	6.36	4.1	SR12	8/29/2017 11:21	28.38	75.0	6.03	3.7	SR12	8/29/2017 17:21	29.17	77.9	6.19	1.5	SR12	8/29/2017 23:21	29.00	76.4	6.22	2.3
SR12	8/29/2017 5:26	27.16	78.5	6.36	3.4	SR12	8/29/2017 11:26	28.49	75.3	6.05	3.1	SR12	8/29/2017 17:26	29.13	77.8	6.18	1.4	SR12	8/29/2017 23:26	28.99	76.4	6.23	2.2
SR12	8/29/2017 5:31	27.17	78.4	6.35	4.1	SR12	8/29/2017 11:31	28.54	75.6	6.07	3.9	SR12	8/29/2017 17:31	29.20	78.0	6.19	2.0	SR12	8/29/2017 23:31	28.99	76.4	6.23	2.1
SR12	8/29/2017 5:36	27.16	78.5	6.35	4.1	SR12	8/29/2017 11:36	28.54	75.6	6.07	3.7	SR12	8/29/2017 17:36	29.18	78.0	6.19	1.9	SR12	8/29/2017 23:36	28.99	76.3	6.23	2.9
SR12	8/29/2017 5:41	27.16	78.4	6.35	3.5	SR12	8/29/2017 11:41	28.65	75.9	6.09	3.1	SR12	8/29/2017 17:41	29.25	78.6	6.24	1.6	SR12	8/29/2017 23:41	29.00	76.3	6.22	1.6
SR12	8/29/2017 5:46	27.19	78.3	6.35	4.3	SR12	8/29/2017 11:46	28.62	75.9	6.08	3.5	SR12	8/29/2017 17:46	29.15	77.5	6.17	1.8	SR12	8/29/2017 23:46	29.00	76.1	6.22	2.8
SR12	8/29/2017 5:51	27.18	78.2	6.33	3.9	SR12	8/29/2017 11:51	28.60	76.0	6.09	3.6	SR12	8/29/2017 17:51	29.15	77.6	6.16	1.9	SR12	8/29/2017 23:51	28.98	75.9	6.21	2.1
SR12	8/29/2017 5:56	27.18	78.0	6.33	3.5	SR12	8/29/2017 11:56	28.70	76.3	6.10	3.1	SR12	8/29/2017 17:56	29.23	78.8	6.26	1.3	SR12	8/29/2017 23:56	28.96	76.2	6.23	1.5

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR13	8/29/2017 0:00	27.57	71.9	5.97	4.7	SR13	8/29/2017 6:00	27.16	74.9	6.26	5.0	SR13	8/29/2017 12:00	28.88	74.0	6.00	4.8	SR13	8/29/2017 18:00	29.19	76.2	6.15	5.9
SR13	8/29/2017 0:05	27.54	72.1	5.99	4.8	SR13	8/29/2017 6:05	27.16	74.8	6.25	4.9	SR13	8/29/2017 12:05	28.93	73.8	5.98	7.4	SR13	8/29/2017 18:05	29.13	76.2	6.16	5.6
SR13	8/29/2017 0:10	27.55	70.9	5.89	5.2	SR13	8/29/2017 6:10	27.19	74.1	6.19	5.6	SR13	8/29/2017 12:10	29.07	73.8	5.97	4.8	SR13	8/29/2017 18:10	29.18	76.9	6.21	5.5
SR13	8/29/2017 0:15	27.51	73.2	6.09	4.7	SR13	8/29/2017 6:15	27.18	74.3	6.21	5.1	SR13	8/29/2017 12:15	28.93	73.4	5.95	4.9	SR13	8/29/2017 18:15	29.14	76.6	6.18	5.4
SR13	8/29/2017 0:20	27.55	72.6	6.03	4.7	SR13	8/29/2017 6:20	27.19	74.4	6.22	5.5	SR13	8/29/2017 12:20	28.99	73.8	5.97	4.7	SR13	8/29/2017 18:20	29.14	76.6	6.19	6.1
SR13	8/29/2017 0:25	27.56	72.1	5.99	5.1	SR13	8/29/2017 6:25	27.18	74.6	6.23	4.9	SR13	8/29/2017 12:25	28.94	73.3	5.94	4.7	SR13	8/29/2017 18:25	29.17	76.7	6.19	5.9
SR13	8/29/2017 0:30	27.57	71.4	5.93	4.7	SR13	8/29/2017 6:30	27.20	73.8	6.17	5.6	SR13	8/29/2017 12:30	29.06	73.5	5.94	4.6	SR13	8/29/2017 18:30	29.49	79.2	6.36	5.5
SR13	8/29/2017 0:35	27.55	71.5	5.94	5.3	SR13	8/29/2017 6:35	27.16	74.3	6.21	5.3	SR13	8/29/2017 12:35	29.06	73.8	5.97	4.9	SR13	8/29/2017 18:35	29.56	78.5	6.29	5.3
SR13	8/29/2017 0:40	27.55	71.8	5.96	4.7	SR13	8/29/2017 6:40	27.17	74.3	6.21	5.0	SR13	8/29/2017 12:40	28.58	72.7	5.93	4.8	SR13	8/29/2017 18:40	29.53	78.1	6.27	5.6
SR13	8/29/2017 0:45	27.57	71.9	5.97	4.8	SR13	8/29/2017 6:45	27.23	73.1	6.11	5.1	SR13	8/29/2017 12:45	29.13	75.0	6.06	4.8	SR13	8/29/2017 18:45	29.45	78.3	6.29	5.5
SR13	8/29/2017 0:50	27.56	71.9	5.97	5.6	SR13	8/29/2017 6:50	27.27	73.1	6.10	5.1	SR13	8/29/2017 12:50	29.22	75.6	6.09	5.0	SR13	8/29/2017 18:50	29.35	77.4	6.23	5.7
SR13	8/29/2017 0:55	27.56	72.2	5.99	4.6	SR13	8/29/2017 6:55	27.30	73.2	6.10	5.0	SR13	8/29/2017 12:55	29.16	74.4	6.00	4.6	SR13	8/29/2017 18:55	29.38	78.0	6.27	5.5
SR13	8/29/2017 1:00	27.57	71.8	5.96	5.0	SR13	8/29/2017 7:00	27.26	73.4	6.13	5.0	SR13	8/29/2017 13:00	29.04	73.6	5.96	8.8	SR13	8/29/2017 19:00	29.41	77.8	6.25	5.8
SR13	8/29/2017 1:05	27.51	71.7	5.96	4.6	SR13	8/29/2017 7:05	27.30	72.0	6.01	5.4	SR13	8/29/2017 13:05	28.69	72.8	5.92	5.0	SR13	8/29/2017 19:05	29.53	78.0	6.26	5.4
SR13	8/29/2017 1:10	27.50	73.3	6.10	4.4	SR13	8/29/2017 7:10	27.29	72.7	6.07	5.2	SR13	8/29/2017 13:10	28.36	72.3	5.92	4.8	SR13	8/29/2017 19:10	29.51	77.0	6.18	5.6
SR13	8/29/2017 1:15	27.50	73.1	6.07	4.6	SR13	8/29/2017 7:15	27.30	73.0	6.09	5.1	SR13	8/29/2017 13:15	28.60	72.7	5.93	4.9	SR13	8/29/2017 19:15	29.40	75.9	6.10	5.5
SR13	8/29/2017 1:20	27.49	73.4	6.10	4.3	SR13	8/29/2017 7:20	27.37	73.0	6.08	5.3	SR13	8/29/2017 13:20	28.50	72.6	5.93	5.5	SR13	8/29/2017 19:20	29.37	75.6	6.08	5.5
SR13	8/29/2017 1:25	27.48	73.8	6.14	4.7	SR13	8/29/2017 7:25	27.35	72.8	6.07	5.5	SR13	8/29/2017 13:25	28.71	74.6	6.07	5.2	SR13	8/29/2017 19:25	29.30	75.2	6.06	6.1
SR13	8/29/2017 1:30	27.48	73.8	6.14	4.6	SR13	8/29/2017 7:30	27.36	72.6	6.05	5.1	SR13	8/29/2017 13:30	28.42	72.8	5.95	5.3	SR13	8/29/2017 19:30	29.26	74.7	6.02	5.7
SR13	8/29/2017 1:35	27.45	71.8	5.98	4.6	SR13	8/29/2017 7:35	27.41	72.9	6.07	5.0	SR13	8/29/2017 13:35	28.61	73.2	5.97	5.0	SR13	8/29/2017 19:35	29.22	74.9	6.04	5.6
SR13	8/29/2017 1:40	27.47	73.5	6.11	4.6	SR13	8/29/2017 7:40	27.38	72.4	6.03	5.0	SR13	8/29/2017 13:40	29.22	76.3	6.15	5.1	SR13	8/29/2017 19:40	29.22	74.5	6.01	7.1
SR13	8/29/2017 1:45	27.48	72.4	6.02	4.6	SR13	8/29/2017 7:45	27.42	71.9	5.99	5.0	SR13	8/29/2017 13:45	29.23	76.0	6.13	4.9	SR13	8/29/2017 19:45	29.19	74.7	6.03	6.5
SR13	8/29/2017 1:50	27.45	73.5	6.12	4.8	SR13	8/29/2017 7:50	27.40	71.7	5.97	5.0	SR13	8/29/2017 13:50	28.77	73.9	6.01	5.4	SR13	8/29/2017 19:50	29.23	75.1	6.05	5.9
SR13	8/29/2017 1:55	27.44	73.9	6.15	4.8	SR13	8/29/2017 7:55	27.42	72.4	6.02	5.0	SR13	8/29/2017 13:55	29.10	75.4	6.09	5.0	SR13	8/29/2017 19:55	29.17	74.6	6.02	5.8
SR13	8/29/2017 2:00	27.44	73.9	6.15	4.8	SR13	8/29/2017 8:00	27.48	71.7	5.96	5.1	SR13	8/29/2017 14:00	28.67	73.3	5.97	5.0	SR13	8/29/2017 20:00	29.16	74.9	6.05	5.8
SR13	8/29/2017 2:05	27.39	74.8	6.23	4.8	SR13	8/29/2017 8:05	27.52	71.5	5.94	5.0	SR13	8/29/2017 14:05	28.90	74.8	6.07	5.2	SR13	8/29/2017 20:05	29.16	74.6	6.02	5.8
SR13	8/29/2017 2:10	27.40	74.3	6.19	4.8	SR13	8/29/2017 8:10	27.44	71.3	5.93	5.2	SR13	8/29/2017 14:10	28.45	72.5	5.93	4.8	SR13	8/29/2017 20:10	29.13	74.6	6.02	5.7
SR13	8/29/2017 2:15	27.39	74.1	6.17	4.5	SR13	8/29/2017 8:15	27.51	71.4	5.94	4.8	SR13	8/29/2017 14:15	29.20	75.6	6.10	5.0	SR13	8/29/2017 20:15	29.04	74.1	6.00	5.8
SR13	8/29/2017 2:20	27.36	74.4	6.20	4.6	SR13	8/29/2017 8:20	27.52	71.6	5.95	5.4	SR13	8/29/2017 14:20	29.13	74.9	6.05	5.1	SR13	8/29/2017 20:20	28.98	73.3	5.93	5.6
SR13	8/29/2017 2:25	27.34	74.7	6.22	4.5	SR13	8/29/2017 8:25	27.52	71.0	5.90	4.7	SR13	8/29/2017 14:25	29.15	74.8	6.04	5.2	SR13	8/29/2017 20:25	28.94	73.1	5.93	5.7
SR13	8/29/2017 2:30	27.28	74.8	6.24	4.6	SR13	8/29/2017 8:30	27.51	71.0	5.90	5.1	SR13	8/29/2017 14:30	29.11	75.2	6.08	5.4	SR13	8/29/2017 20:30	28.89	73.2	5.94	5.5
SR13	8/29/2017 2:35	27.25	74.7	6.23	5.6	SR13	8/29/2017 8:35	27.54	71.6	5.95	5.6	SR13	8/29/2017 14:35	28.83	73.6	5.98	4.8	SR13	8/29/2017 20:35	28.87	73.7	5.98	5.9
SR13	8/29/2017 2:40	27.25	75.0	6.26	4.7	SR13	8/29/2017 8:40	27.53	71.1	5.91	5.0	SR13	8/29/2017 14:40	29.03	74.4	6.02	5.0	SR13	8/29/2017 20:40	29.05	75.0	6.07	6.0
SR13	8/29/2017 2:45	27.19	74.7	6.24	4.3	SR13	8/29/2017 8:45	27.57	71.8	5.96	4.6	SR13	8/29/2017 14:45	29.16	74.6	6.03	4.8	SR13	8/29/2017 20:45	29.06	74.7	6.04	6.9
SR13	8/29/2017 2:50	27.20	75.0	6.26	5.2	SR13	8/29/2017 8:50	27.55	71.3	5.92	6.1	SR13	8/29/2017 14:50	29.22	74.6	6.01	4.8	SR13	8/29/2017 20:50	29.04	74.5	6.03	6.1
SR13	8/29/2017 2:55	27.22	75.2	6.28	5.4	SR13	8/29/2017 8:55	27.57	71.3	5.92	4.8	SR13	8/29/2017 14:55	29.25	75.1	6.05	4.8	SR13	8/29/2017 20:55	29.05	74.0	5.99	5.8
SR13	8/29/2017 3:00	27.19	75.1	6.27	5.0	SR13	8/29/2017 9:00	27.62	71.3	5.91	5.9	SR13	8/29/2017 15:00	29.06	74.0	5.99	4.8	SR13	8/29/2017 21:00	29.02	73.1	5.91	6.3
SR13	8/29/2017 3:05	27.19	75.4	6.30	5.2	SR13	8/29/2017 9:05	27.61	70.9	5.88	4.9	SR13	8/29/2017 15:05	29.24	74.9	6.04	4.7	SR13	8/29/2017 21:05	29.04	73.9	5.98	6.3
SR13	8/29/2017 3:10	27.18	75.8	6.34	4.4	SR13	8/29/2017 9:10	27.72	71.3	5.91	5.1	SR13	8/29/2017 15:10	29.15	74.5	6.02	4.9	SR13	8/29/2017 21:10	29.00	73.3	5.94	5.7
SR13	8/29/2017 3:15	27.16	75.9	6.34	5.0	SR13	8/29/2017 9:15	27.64	70.8	5.87	4.8	SR13	8/29/2017 15:15	29.16	74.4	6.01	5.2	SR13	8/29/2017 21:15	28.86	73.5	5.96	6.0
SR13	8/29/2017 3:20	27.14	74.5	6.23	4.5	SR13	8/29/2017 9:20	27.77	70.4	5.83	5.0	SR13	8/29/2017 15:20	29.30	74.9	6.03	4.9	SR13	8/29/2017 21:20	28.82	73.1	5.94	7.6
SR13	8/29/2017 3:25	27.14	74.5	6.23	4.8	SR13	8/29/2017 9:25	27.77	70.3	5.82	4.8	SR13	8/29/2017 15:25	29.29	75.6	6.09	5.5	SR13	8/29/2017 21:25	28.78	73.1	5.94	5.7
SR13	8/29/2017 3:30	27.11	74.8	6.26	4.7	SR13	8/29/2017 9:30	27.91	70.4	5.81	5.0	SR13	8/29/2017 15:30	29.18	75.4	6.08	5.1	SR13	8/29/2017 21:30	28.74	72.9	5.93	5.6
SR13	8/29/2017 3:35	27.13	75.1	6.28	4.5	SR13	8/29/2017 9:35	27.92	70.5	5.81	5.1	SR13	8/29/2017 15:35	28.45	72.4	5.92	5.5	SR13	8/29/2017 21:35	28.77	73.1	5.94	5.8
SR13	8/29/2017 3:40	27.12	74.9	6.27	4.6	SR13	8/29/2017 9:40	28.01	71.6	5.89	4.7	SR13	8/29/2017 15:40	28.45	72.5	5.93	4.9	SR13	8/29/2017 21:40	28.77	73.1	5.94	5.8
SR13	8/29/2017 3:45	27.13	74.8	6.26	4.8	SR13	8/29/2017 9:45	28.01	71.4	5.88	4.8	SR13	8/29/2017 15:45	28.42	72.6	5.94	4.9	SR13	8/29/2017 21:45	28.75	73.5	5.97	5.9
SR13	8/29/2017 3:50	27.12	75.2	6.29	4.5	SR13	8/29/2017 9:50	28.02	71.3	5.87	4.4	SR13	8/29/2017 15:50	28.86	75.5	6.13	5.0	SR13	8/29/2017 21:50	28.77	74.6	6.06	5.8
SR13	8/29/2017 3:55	27.08	74.6	6.24	4.5	SR13	8/29/2017 9:55	28.04	71.2	5.87	4.4	SR13	8/29/2017 15:55	29.00	75.0	6.07	4.9	SR13	8/29/2017 21:55	28.77	74.0	6.01	5.9
SR13	8/29/2017 4:00	27.12	75.0	6.28	4.5	SR13	8/29/2017 10:00	27.97	70.6	5.82	4.4	SR13	8/29/2017 16:00	29.18	75.1	6.06	4.9	SR13	8/29/2017 22:00	28.72	74.2	6.03	5.5
SR13	8/29/2017 4:05	27.15	75.3	6.30	4.6	SR13	8/29/2017 10:05	27.98	70.3	5.79	5.0	SR13	8/29/2017 16:05	29.06	74.0	5.98	5.0	SR13	8/29/2017 22:05	28.70	73.4	5.97	5.6
SR13	8/29/2017 4:10	27.16	74.8	6.25	4.8	SR13	8/29/2017 10:10	28.09	71.5	5.88	4.7	SR13	8/29/2017 16:10	29.00	74.4	6.02	5.0	SR13	8/29/2017 22:10	28.76	75.0	6.10	5.4
SR13	8/29/2017 4:15	27.13	75.1	6.28	5.0	SR13	8/29/2017 10:15	28.10	71.9	5.91	4.6	SR13	8/29/2017 16:15	28.74	73.1	5.95	5.9	SR13	8/29/2017 22:15	28.75	73.3	5.96	5.3
SR13	8/29/2017 4:20	27.17	75.7	6.33	5.1	SR13	8/29/2017 10:20	28.00	70.6	5.81	4.6	SR13	8/29/2017 16:20	29.32	75.9	6.11	5.1	SR13	8/29/2017 22:20	28.76	73.7	5.99	5.6
SR13	8/29/2017 4:25	27.14	75.4	6.31	5.4	SR13	8/29/2017 10:25	28.12	72.0	5.92	4.7	SR13	8/29/2017 16:25	29.41	76.5	6.15	6.4	SR13	8/29/2017 22:25	28.78	73.1	5.94	5.9
SR13	8/29/2017 4:30	27.15	76.1	6.37	5.0	SR13	8/29/2017 10:30	27.99	70.5	5.81	4.7	SR13	8/29/2017 16:30	29.39	76.0	6.11	5.3	SR13	8/29/2017 22:30	28.81	73.9	6.00	5.8
SR13	8/29/2017 4:35	27.14	75.6	6.32	5.2	SR13	8/29/2017 10:35	28.09	71.6	5.89	4.5	SR13	8/29/2017 16:35	29.27	75.9	6.11	5.3	SR13	8/29/2017 22:35	28.77	74.1	6.02	5.8
SR13	8/29/2017 4:40	27.13	75.8	6.34	4.8	SR13	8/29/2017 10:40	28.07	71.4	5.87	4.7	SR13	8/29/2017 16:40	29.15	75.0	6.05	5.4	SR13	8/29/2017 22:40	28.78	73.4	5.96	5.5
SR13	8/29/2017 4:45	27.13	75.5	6.31	6.0	SR13	8/29/2017 10:45	27.99	70.1	5.78	4.8	SR13	8/29/2017 16:45	28.65	73.4	5.98	5.1	SR13	8/29/2017 22:45	28.77	73.0	5.93	5.6
SR13	8/29/2017 4:50	27.14	75.6	6.33	5.0	SR13	8/29/2017 10:50	28.03	70.5	5.81	4.6	SR13	8/29/2017 16:50	29.00	75.0	6.07	5.0	SR13	8/29/2017 22:50	28.77	73.4	5.97	5.7
SR13	8/29/2017 4:55	27.14	75.6	6.32	5.3	SR13	8/29/2017 10:55	28.29	72.7	5.96	4.7	SR13	8/29/2017 16:55	29.45	76.7	6.16	5.1	SR13	8/29/2017 22:55	28.76	73.8	6.00	5.2
SR13	8/29/2017 5:00	27.13	75.6	6.33	5.6	SR13	8/29/2017 11:00	28.26	72.0	5.90	4.7	SR13	8/29/2017 17:00	29.27	75.6	6.09	5.3	SR13	8/29/2017 23:00	28.75	73.9	6.01	4.9
SR13	8/29/2017 5:05	27.13	75.6	6.32	5.1	SR13	8/29/2017 11:05	28.33	72.6	5.95	4.7	SR13	8/29/2017 17:05	29.39	76.2	6.12	5.2	SR13	8/29/2017 23:05	28.76	73.9	6.01	5.5
SR13	8/29/2017 5:10	27.14	75.6	6.32	5.5	SR13	8/29/2017 11:10	28.29	72.5	5.95	4.6	SR13	8/29/2017 17:10	29.41	76.5	6.15	5.5	SR13	8/29/2017 23:10	28.76	74.1	6.03	5.0
SR13	8/29/2017 5:15	27.14	75.6	6.32	5.1	SR13	8/29/2017 11:15	28.24	71.8	5.89	4.6	SR13	8/29/2017 17:15	29.44	76.6	6.15	5.2	SR13	8/29/2017 23:15	28.76	74.1	6.02	4.9
SR13	8/29/2017 5:20	27.13	75.4	6.31	5.3	SR13	8/29/2017 11:20	28.28	71.6	5.87	4.7	SR13	8/29/2017 17:20	29.43	76.3	6.14	4.9	SR13	8/29/2017 23:20	28.76	74.1	6.02	4.9
SR13	8/29/2017 5:25	27.15	75.4	6.31	5.2	SR13	8/29/2017 11:25	28.52	72.7	5.94	4.6	SR13	8/29/2017 17:25	29.33	76.1	6.12	5.2	SR13	8/29/2017 23:25	28.71	74.2	6.04	5.0
SR13	8/29/2017 5:30	27.16	75.2	6.29	4.9	SR13	8/29/2017 11:30	28.61	72.8	5.93	4.5	SR13	8/29/2017 17:30	29.34	76.3	6.14	5.3	SR13	8/29/2017 23:30	28.67	74.2	6.04	5.0
SR13	8/29/2017 5:35	27.15	75.2	6.29	5.6	SR13	8/29/2017 11:35	28.72	73.3	5.96	4.6	SR13	8/29/2017 17:35	29.19	75.2	6.07	6.0	SR13	8/29/2017 23:35	28.68	74.1	6.04	5.2
SR13	8/29/2017 5:40	27.14	75.2	6.29	5.4	SR13	8/29/2017 11:40	28.82	73.7	5.98	4.6	SR13	8/29/2017 17:40	29.40	77.2	6.21	5.6	SR13	8/29/2017 23:40	28.70	74.2	6.04	5.3
SR13	8/29/2017 5:45	27.14	75.1	6.29	5.1	SR13	8/29/2017 11:45	28.84	73.7	5.98	4.7	SR13	8/29/2017 17:45	29.05	74.1	5.99	5.9	SR13	8/29/2017 23:45	28.75	73.7	5.99	5.4
SR13	8/29/2017 5:50	27.15	75.0	6.27	4.7	SR13	8/29/2017 11:50	28.88	73.8	5.98	4.7	SR13	8/29/2017 17:50	29.00	73.9	5.98	5.4	SR13	8/29/2017 23:50	28.73	73.2	5.96	5.3
SR13	8/29/2017 5:55	27.16	74.7	6.24	4.9	SR13	8/29/2017 11:55	28.90	74.2	6.01	4.7	SR13	8/29/2017 17:55	29.15	76.4	6.17	5.6	SR13	8/29/2017 23:55	28.69	73.9	6.01	5.4

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	8/29/2017 0:17	0.08				SR12	8/29/2017 0:17	0.14			
SR4	8/29/2017 0:37	0.10				SR12	8/29/2017 0:37	0.14			
SR4	8/29/2017 0:57	0.07				SR12	8/29/2017 0:57	0.14			
SR4	8/29/2017 1:17	0.07				SR12	8/29/2017 1:17	0.12			
SR4	8/29/2017 1:37	0.11				SR12	8/29/2017 1:37	0.12			
SR4	8/29/2017 1:57	0.11				SR12	8/29/2017 1:57	0.16			
SR4	8/29/2017 2:17	0.09				SR12	8/29/2017 2:17	0.13			
SR4	8/29/2017 2:37	0.11				SR12	8/29/2017 2:37	0.16			
SR4	8/29/2017 2:57	0.08				SR12	8/29/2017 2:57	0.15			
SR4	8/29/2017 3:17	0.11				SR12	8/29/2017 3:17	0.16			
SR4	8/29/2017 3:37	0.11				SR12	8/29/2017 3:37	0.15			
SR4	8/29/2017 3:57	0.08				SR12	8/29/2017 3:57	0.15			
SR4	8/29/2017 4:17	0.08				SR12	8/29/2017 4:17	0.14			
SR4	8/29/2017 4:37	0.09				SR12	8/29/2017 4:37	0.16			
SR4	8/29/2017 4:57	0.10				SR12	8/29/2017 4:57	0.15			
SR4	8/29/2017 5:17	0.07				SR12	8/29/2017 5:17	0.15			
SR4	8/29/2017 5:37	0.08				SR12	8/29/2017 5:37	0.14			
SR4	8/29/2017 5:57	0.09				SR12	8/29/2017 5:57	0.16			
SR4						SR12					
SR4	8/29/2017 6:37	0.08				SR12	8/29/2017 6:37	0.17			
SR4	8/29/2017 6:57	0.09				SR12	8/29/2017 6:57	0.15			
SR4	8/29/2017 7:17	0.11				SR12	8/29/2017 7:17	0.16			
SR4	8/29/2017 7:37	0.08				SR12	8/29/2017 7:37	0.19			
SR4	8/29/2017 7:57	0.07				SR12	8/29/2017 7:57	0.17			
SR4	8/29/2017 8:17	0.09				SR12	8/29/2017 8:17	0.15			
SR4	8/29/2017 8:37	0.10				SR12	8/29/2017 8:37	0.16			
SR4	8/29/2017 8:57	0.10				SR12	8/29/2017 8:57	0.16			
SR4	8/29/2017 9:17	0.09				SR12	8/29/2017 9:17	0.15			
SR4	8/29/2017 9:37	0.11				SR12	8/29/2017 9:37	0.19			
SR4	8/29/2017 9:57	0.11				SR12	8/29/2017 9:57	0.15			
SR4	8/29/2017 10:17	0.11				SR12	8/29/2017 10:17	0.17			
SR4	8/29/2017 10:37	0.11				SR12	8/29/2017 10:37	0.15			
SR4	8/29/2017 10:57	0.11				SR12	8/29/2017 10:57	0.16			
SR4	8/29/2017 11:17	0.10				SR12	8/29/2017 11:17	0.19			
SR4	8/29/2017 11:37	0.07				SR12	8/29/2017 11:37	0.19			
SR4	8/29/2017 11:57	0.08				SR12	8/29/2017 11:57	0.18			
SR4	8/29/2017 12:17	0.11				SR12	8/29/2017 12:17	0.19			
SR4	8/29/2017 12:37	0.10				SR12	8/29/2017 12:37	0.16			
SR4	8/29/2017 12:57	0.09				SR12	8/29/2017 12:57	0.16			
SR4	8/29/2017 13:17	0.07				SR12	8/29/2017 13:17	0.19			
SR4	8/29/2017 13:37	0.10				SR12	8/29/2017 13:37	0.15			
SR4	8/29/2017 13:57	0.07				SR12	8/29/2017 13:57	0.15			
SR4	8/29/2017 14:17	0.10				SR12	8/29/2017 14:17	0.15			
SR4	8/29/2017 14:37	0.10				SR12	8/29/2017 14:37	0.15			
SR4	8/29/2017 14:57	0.11				SR12	8/29/2017 14:57	0.14			
SR4	8/29/2017 15:17	0.11				SR12	8/29/2017 15:17	0.14			
SR4	8/29/2017 15:37	0.09				SR12	8/29/2017 15:37	0.17			
SR4	8/29/2017 15:57	0.07				SR12	8/29/2017 15:57	0.16			
SR4	8/29/2017 16:17	0.10				SR12	8/29/2017 16:17	0.17			
SR4	8/29/2017 16:37	0.07				SR12	8/29/2017 16:37	0.15			
SR4	8/29/2017 16:57	0.09				SR12	8/29/2017 16:57	0.14			
SR4	8/29/2017 17:17	0.08				SR12	8/29/2017 17:17	0.11			
SR4	8/29/2017 17:37	0.10				SR12	8/29/2017 17:37	0.11			
SR4	8/29/2017 17:57	0.09				SR12	8/29/2017 17:57	0.13			
SR4	8/29/2017 18:17	0.09				SR12	8/29/2017 18:17	0.11			
SR4	8/29/2017 18:37	0.11				SR12	8/29/2017 18:37	0.12			
SR4	8/29/2017 18:57	0.07				SR12	8/29/2017 18:57	0.12			
SR4	8/29/2017 19:17	0.11				SR12	8/29/2017 19:17	0.14			
SR4	8/29/2017 19:37	0.11				SR12	8/29/2017 19:37	0.13			
SR4	8/29/2017 19:57	0.08				SR12	8/29/2017 19:57	0.13			
SR4	8/29/2017 20:17	0.07				SR12	8/29/2017 20:17	0.12			
SR4	8/29/2017 20:37	0.11				SR12	8/29/2017 20:37	0.14			
SR4	8/29/2017 20:57	0.10				SR12	8/29/2017 20:57	0.12			
SR4	8/29/2017 21:17	0.11				SR12	8/29/2017 21:17	0.13			
SR4	8/29/2017 21:37	0.08				SR12	8/29/2017 21:37	0.12			
SR4	8/29/2017 21:57	0.10				SR12	8/29/2017 21:57	0.11			
SR4	8/29/2017 22:17	0.07				SR12	8/29/2017 22:17	0.13			
SR4	8/29/2017 22:37	0.08				SR12	8/29/2017 22:37	0.11			
SR4	8/29/2017 22:57	0.09				SR12	8/29/2017 22:57	0.13			
SR4	8/29/2017 23:17	0.11				SR12	8/29/2017 23:17	0.13			
SR4	8/29/2017 23:37	0.10				SR12	8/29/2017 23:37	0.14			
SR4	8/29/2017 23:57	0.09				SR12	8/29/2017 23:57	0.12			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.
SR5 monitoring station was under maintenance during 14:50-15:10.

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR4	8/30/2017 0:01	28.97	77.1	6.44	3.6	SR4	8/30/2017 6:01	28.29	74.8	6.36	3.6	SR4	8/30/2017 12:01	28.21	95.0	7.46	4.2	SR4	8/30/2017 18:01	28.58	89.4	6.86	4.5
SR4	8/30/2017 0:06	28.97	77.1	6.41	3.5	SR4	8/30/2017 6:06	28.27	74.8	6.39	3.9	SR4	8/30/2017 12:06	28.23	95.2	7.47	4.3	SR4	8/30/2017 18:06	28.62	89.3	6.86	4.3
SR4	8/30/2017 0:11	28.97	77.0	6.43	3.4	SR4	8/30/2017 6:11	28.28	74.7	6.39	3.6	SR4	8/30/2017 12:11	28.24	95.4	7.47	4.2	SR4	8/30/2017 18:11	28.62	89.3	6.86	4.4
SR4	8/30/2017 0:16	28.97	77.0	6.42	3.3	SR4	8/30/2017 6:16	28.30	74.7	6.38	3.6	SR4						SR4	8/30/2017 18:16	28.62	89.3	6.85	4.6
SR4	8/30/2017 0:21	28.98	76.9	6.45	3.4	SR4	8/30/2017 6:21	28.28	74.7	6.38	3.7	SR4						SR4	8/30/2017 18:21	28.60	89.2	6.83	4.3
SR4	8/30/2017 0:26	28.96	76.9	6.40	3.3	SR4	8/30/2017 6:26	28.30	74.7	6.36	3.8	SR4						SR4	8/30/2017 18:26	28.65	89.2	6.86	4.5
SR4	8/30/2017 0:31	28.95	76.9	6.42	3.3	SR4	8/30/2017 6:31	28.28	74.5	6.40	3.8	SR4						SR4	8/30/2017 18:31	28.64	89.2	6.85	4.2
SR4	8/30/2017 0:36	28.92	76.8	6.39	3.4	SR4	8/30/2017 6:36	28.28	74.5	6.37	3.6	SR4						SR4	8/30/2017 18:36	28.62	89.1	6.86	4.4
SR4	8/30/2017 0:41	28.89	76.8	6.40	3.3	SR4	8/30/2017 6:41	28.28	74.5	6.35	3.7	SR4						SR4	8/30/2017 18:41	28.67	89.1	6.85	4.4
SR4	8/30/2017 0:46	28.86	76.8	6.39	3.4	SR4	8/30/2017 6:46	28.28	74.4	6.37	3.7	SR4						SR4	8/30/2017 18:46	28.63	89.0	6.82	4.5
SR4	8/30/2017 0:51	28.88	76.8	6.42	3.3	SR4	8/30/2017 6:51	28.28	74.4	6.39	3.6	SR4						SR4	8/30/2017 18:51	28.65	88.9	6.81	4.4
SR4	8/30/2017 0:56	28.92	76.7	6.39	3.3	SR4	8/30/2017 6:56	28.29	74.3	6.34	3.7	SR4						SR4	8/30/2017 18:56	28.66	88.9	6.83	4.4
SR4	8/30/2017 1:01	28.93	76.7	6.39	3.4	SR4	8/30/2017 7:01	28.25	74.3	6.33	3.6	SR4						SR4	8/30/2017 19:01	28.66	88.8	6.82	4.5
SR4	8/30/2017 1:06	28.94	76.7	6.39	3.6	SR4	8/30/2017 7:06	28.23	74.3	6.33	3.6	SR4						SR4	8/30/2017 19:06	28.65	88.7	6.83	4.3
SR4	8/30/2017 1:11	28.93	76.7	6.42	3.5	SR4	8/30/2017 7:11	28.20	74.3	6.35	3.9	SR4						SR4	8/30/2017 19:11	28.70	88.7	6.78	4.3
SR4	8/30/2017 1:16	28.94	76.7	6.39	3.4	SR4	8/30/2017 7:16	28.18	74.2	6.37	3.7	SR4						SR4	8/30/2017 19:16	28.72	88.6	6.80	4.3
SR4	8/30/2017 1:21	28.95	76.7	6.41	3.4	SR4	8/30/2017 7:21	28.19	74.2	6.36	3.8	SR4	8/30/2017 13:21	28.32	92.7	7.17	4.4	SR4	8/30/2017 19:21	28.86	84.8	6.35	4.4
SR4	8/30/2017 1:26	28.93	76.6	6.39	3.4	SR4	8/30/2017 7:26	28.19	74.2	6.38	3.6	SR4	8/30/2017 13:26	28.30	93.1	7.27	4.3	SR4	8/30/2017 19:26	28.86	84.6	6.30	4.3
SR4	8/30/2017 1:31	28.91	76.6	6.39	3.4	SR4	8/30/2017 7:31	28.19	74.2	6.35	3.7	SR4	8/30/2017 13:31	28.33	93.1	7.23	4.2	SR4	8/30/2017 19:31	28.86	84.4	6.32	4.3
SR4	8/30/2017 1:36	28.88	76.6	6.38	3.3	SR4	8/30/2017 7:36	28.19	74.1	6.33	3.9	SR4	8/30/2017 13:36	28.32	93.0	7.27	4.5	SR4	8/30/2017 19:36	28.89	84.2	6.29	4.3
SR4	8/30/2017 1:41	28.88	76.6	6.43	3.5	SR4	8/30/2017 7:41	28.20	74.0	6.35	3.7	SR4	8/30/2017 13:41	28.35	93.0	7.25	4.6	SR4	8/30/2017 19:41	28.88	84.0	6.30	4.3
SR4	8/30/2017 1:46	28.88	76.6	6.42	3.6	SR4	8/30/2017 7:46	28.20	74.0	6.33	3.7	SR4	8/30/2017 13:46	28.37	93.0	7.25	4.2	SR4	8/30/2017 19:46	28.93	83.8	6.32	4.3
SR4	8/30/2017 1:51	28.88	76.6	6.40	3.6	SR4	8/30/2017 7:51	28.19	74.0	6.36	3.6	SR4	8/30/2017 13:51	28.37	93.0	7.30	4.4	SR4	8/30/2017 19:51	28.94	83.7	6.30	4.1
SR4	8/30/2017 1:56	28.88	76.6	6.42	3.7	SR4	8/30/2017 7:56	28.19	73.9	6.33	3.6	SR4	8/30/2017 13:56	28.35	93.0	7.26	4.3	SR4	8/30/2017 19:56	28.94	83.5	6.28	4.2
SR4	8/30/2017 2:01	28.88	76.6	6.39	3.5	SR4	8/30/2017 8:01	28.21	73.9	6.34	3.8	SR4	8/30/2017 14:01	28.38	93.0	7.27	4.7	SR4	8/30/2017 20:01	28.98	83.3	6.27	4.3
SR4	8/30/2017 2:06	28.88	76.6	6.43	3.5	SR4	8/30/2017 8:06	28.23	73.9	6.35	3.7	SR4	8/30/2017 14:06	28.36	92.9	7.30	4.3	SR4	8/30/2017 20:06	28.99	83.1	6.27	4.3
SR4	8/30/2017 2:11	28.89	76.5	6.43	3.7	SR4	8/30/2017 8:11	28.22	73.9	6.34	3.6	SR4	8/30/2017 14:11	28.38	92.9	7.28	5.0	SR4	8/30/2017 20:11	28.99	83.0	6.29	4.2
SR4	8/30/2017 2:16	28.91	76.6	6.44	3.6	SR4	8/30/2017 8:16	28.24	73.8	6.32	3.7	SR4	8/30/2017 14:16	28.38	92.9	7.28	4.8	SR4	8/30/2017 20:16	29.03	82.7	6.25	4.2
SR4	8/30/2017 2:21	28.91	76.5	6.42	3.4	SR4	8/30/2017 8:21	28.23	73.8	6.35	3.2	SR4	8/30/2017 14:21	28.39	92.9	7.31	4.9	SR4	8/30/2017 20:21	29.03	82.6	6.23	4.1
SR4	8/30/2017 2:26	28.90	76.6	6.43	3.5	SR4	8/30/2017 8:26	28.21	73.8	6.34	3.3	SR4	8/30/2017 14:26	28.38	92.9	7.28	4.6	SR4	8/30/2017 20:26	29.04	82.5	6.24	4.0
SR4	8/30/2017 2:31	28.88	76.5	6.46	3.6	SR4	8/30/2017 8:31	28.21	73.8	6.37	3.4	SR4	8/30/2017 14:31	28.40	92.8	7.29	4.3	SR4	8/30/2017 20:31	29.06	82.3	6.25	4.2
SR4	8/30/2017 2:36	28.83	76.5	6.43	3.5	SR4	8/30/2017 8:36	28.24	73.8	6.37	3.2	SR4	8/30/2017 14:36	28.38	92.8	7.29	4.4	SR4	8/30/2017 20:36	29.05	82.1	6.25	4.3
SR4	8/30/2017 2:41	28.83	76.5	6.43	3.6	SR4	8/30/2017 8:41	28.25	73.7	6.34	3.1	SR4	8/30/2017 14:41	28.40	92.8	7.26	4.8	SR4	8/30/2017 20:41	29.07	82.1	6.23	4.1
SR4	8/30/2017 2:46	28.86	76.4	6.46	3.6	SR4	8/30/2017 8:46	28.23	73.7	6.37	3.2	SR4	8/30/2017 14:46	28.42	92.7	7.27	4.5	SR4	8/30/2017 20:46	29.07	82.0	6.22	4.1
SR4	8/30/2017 2:51	28.87	76.4	6.42	3.7	SR4	8/30/2017 8:51	28.24	73.7	6.35	3.2	SR4	8/30/2017 14:51	28.44	92.7	7.30	4.8	SR4	8/30/2017 20:51	29.09	81.9	6.23	4.0
SR4	8/30/2017 2:56	28.89	76.4	6.42	3.7	SR4	8/30/2017 8:56	28.26	73.7	6.36	3.1	SR4	8/30/2017 14:56	28.40	92.7	7.28	4.6	SR4	8/30/2017 20:56	29.12	81.8	6.23	4.2
SR4	8/30/2017 3:01	28.90	76.3	6.42	3.9	SR4	8/30/2017 9:01	28.26	73.6	6.35	3.1	SR4	8/30/2017 15:01	28.35	91.7	7.05	4.5	SR4	8/30/2017 21:01	29.10	81.7	6.24	4.2
SR4	8/30/2017 3:06	28.90	76.3	6.43	3.9	SR4	8/30/2017 9:06	28.30	73.6	6.34	3.7	SR4	8/30/2017 15:06	28.36	91.6	7.04	4.3	SR4	8/30/2017 21:06	29.14	81.6	6.22	4.1
SR4	8/30/2017 3:11	28.90	76.3	6.42	3.6	SR4	8/30/2017 9:11	28.30	73.6	6.36	3.7	SR4	8/30/2017 15:11	28.38	91.5	7.00	4.6	SR4	8/30/2017 21:11	29.12	81.5	6.22	4.0
SR4	8/30/2017 3:16	28.89	76.2	6.43	3.7	SR4	8/30/2017 9:16	28.31	73.6	6.33	3.7	SR4	8/30/2017 15:16	28.39	91.4	6.98	4.5	SR4	8/30/2017 21:16	29.14	81.4	6.23	4.1
SR4	8/30/2017 3:21	28.86	76.2	6.42	3.6	SR4	8/30/2017 9:21	28.31	73.6	6.32	3.8	SR4	8/30/2017 15:21	28.38	91.3	6.99	4.5	SR4	8/30/2017 21:21	29.15	81.3	6.24	4.1
SR4	8/30/2017 3:26	28.86	76.1	6.43	3.6	SR4	8/30/2017 9:26	28.34	73.6	6.34	4.4	SR4	8/30/2017 15:26	28.39	91.2	6.96	4.5	SR4	8/30/2017 21:26	29.18	81.2	6.21	4.1
SR4	8/30/2017 3:31	28.79	76.1	6.45	3.6	SR4	8/30/2017 9:31	28.50	73.8	6.34	3.9	SR4	8/30/2017 15:31	28.38	91.1	6.96	4.4	SR4	8/30/2017 21:31	29.17	81.1	6.21	4.1
SR4	8/30/2017 3:36	28.73	76.0	6.42	3.6	SR4	8/30/2017 9:36	28.27	76.1	6.59	4.0	SR4	8/30/2017 15:36	28.41	91.0	6.95	4.5	SR4	8/30/2017 21:36	29.17	81.0	6.22	4.2
SR4	8/30/2017 3:41	28.72	76.0	6.39	3.6	SR4	8/30/2017 9:41	28.28	76.6	6.61	3.9	SR4	8/30/2017 15:41	28.41	90.9	6.92	4.5	SR4	8/30/2017 21:41	29.21	80.9	6.22	4.3
SR4	8/30/2017 3:46	28.76	75.9	6.40	3.6	SR4	8/30/2017 9:46	28.11	85.9	7.15	3.9	SR4	8/30/2017 15:46	28.40	90.8	6.91	5.1	SR4	8/30/2017 21:46	29.18	80.8	6.21	4.1
SR4	8/30/2017 3:51	28.78	75.9	6.39	3.6	SR4	8/30/2017 9:51	28.05	88.4	7.35	3.8	SR4	8/30/2017 15:51	28.42	90.7	6.89	4.6	SR4	8/30/2017 21:51	29.20	80.8	6.19	4.2
SR4	8/30/2017 3:56	28.73	75.8	6.41	3.6	SR4	8/30/2017 9:56	27.91	91.2	7.59	3.9	SR4	8/30/2017 15:56	28.44	90.6	6.89	4.6	SR4	8/30/2017 21:56	29.22	80.6	6.22	4.1
SR4	8/30/2017 4:01	28.68	75.8	6.41	3.6	SR4	8/30/2017 10:01	27.78	94.1	7.82	4.1	SR4	8/30/2017 16:01	28.43	90.5	6.86	4.6	SR4	8/30/2017 22:01	29.23	80.6	6.20	4.1
SR4	8/30/2017 4:06	28.65	75.7	6.37	3.6	SR4	8/30/2017 10:06	27.90	92.6	7.68	3.9	SR4	8/30/2017 16:06	28.43	90.4	6.88	4.9	SR4	8/30/2017 22:06	29.25	80.5	6.18	4.3
SR4	8/30/2017 4:11	28.70	75.7	6.37	3.6	SR4	8/30/2017 10:11	28.00	90.7	7.45	3.9	SR4	8/30/2017 16:11	28.45	90.3	6.85	4.5	SR4	8/30/2017 22:11	29.25	80.3	6.18	4.3
SR4	8/30/2017 4:16	28.71	75.6	6.41	3.6	SR4	8/30/2017 10:16	28.00	91.6	7.52	3.9	SR4	8/30/2017 16:16	28.44	90.2	6.85	4.5	SR4	8/30/2017 22:16	29.24	80.2	6.20	4.0
SR4	8/30/2017 4:21	28.75	75.6	6.38	3.6	SR4	8/30/2017 10:21	27.98	92.3	7.56	4.1	SR4	8/30/2017 16:21	28.47	90.1	6.82	4.6	SR4	8/30/2017 22:21	29.27	80.1	6.18	4.0
SR4	8/30/2017 4:26	28.69	75.5	6.40	3.7	SR4	8/30/2017 10:26	27.96	92.5	7.54	4.0	SR4	8/30/2017 16:26	28.44	90.0	6.79	4.7	SR4	8/30/2017 22:26	29.26	80.1	6.16	4.0
SR4	8/30/2017 4:31	28.68	75.5	6.38	3.5	SR4	8/30/2017 10:31	28.00	92.2	7.51	4.0	SR4	8/30/2017 16:31	28.46	89.9	6.82	4.5	SR4	8/30/2017 22:31	29.28	80.0	6.19	4.0
SR4	8/30/2017 4:36	28.65	75.4	6.40	3.6	SR4	8/30/2017 10:36	28.05	92.1	7.47	3.8	SR4	8/30/2017 16:36	28.46	89.8	6.82	4.7	SR4	8/30/2017 22:36	29.30	79.9	6.17	3.9
SR4	8/30/2017 4:41	28.61	75.4	6.38	3.7	SR4	8/30/2017 10:41	28.04	92.4	7.48	3.8	SR4	8/30/2017 16:41	28.49	89.7	6.80	4.9	SR4	8/30/2017 22:41	29.30	79.7	6.18	3.9
SR4	8/30/2017 4:46	28.58	75.3	6.39	3.6	SR4	8/30/2017 10:46	28.06	92.6	7.48	3.6	SR4	8/30/2017 16:46	28.46	89.6	6.79	4.4	SR4	8/30/2017 22:46	29.28	79.7	6.17	3.9
SR4	8/30/2017 4:51	28.57	75.3	6.41	3.6	SR4	8/30/2017 10:51	28.07	92.6	7.48	3.7	SR4	8/30/2017 16:51	28.50	89.5	6.77	4.4	SR4	8/30/2017 22:51	29.31	79.5	6.18	4.1
SR4	8/30/2017 4:56	28.51	75.3	6.41	3.8	SR4	8/30/2017 10:56	28.09	92.7	7.43	4.2	SR4	8/30/2017 16:56	28.50	89.7	6.80	4.3	SR4	8/30/2017 22:56	29.30	79.5	6.16	4.3
SR4	8/30/2017 5:01	28.42	75.2	6.38	3.7	SR4	8/30/2017 11:01	28.09	92.8	7.45	4.1	SR4	8/30/2017 17:01	28.49	89.7	6.80	4.2	SR4	8/30/2017 23:01	29.32	79.4	6.14	4.0
SR4	8/30/2017 5:06	28.34	75.3	6.42	3.7	SR4	8/30/2017 11:06	28.12	93.0	7.43	3.8	SR4	8/30/2017 17:06	28.53	89.6	6.84	4.7	SR4	8/30/2017 23:06	29.35	79.4	6.17	3.9
SR4	8/30/2017 5:11	28.30	75.1	6.41	3.9	SR4	8/30/2017 11:11	28.12	93.2	7.44	4.2	SR4	8/30/2017 17:11	28.49	89.6	6.81	4.4	SR4	8/30/2017 23:11	29.33	79.2	6.17	4.0
SR4	8/30/2017 5:16	28.29	75.1	6.39	3.8	SR4	8/30/2017 11:16	28.14	93.3	7.43	4.0	SR4	8/30/2017 17:16	28.51	89.6	6.82	4.2	SR4	8/30/2017 23:16	29.34	79.2	6.17	4.0
SR4	8/30/2017 5:21	28.30	75.1	6.37	3.8	SR4	8/30/2017 11:21	28.15	93.5	7.44	3.8	SR4	8/30/2017 17:21	28.55	89.6	6.83	4.5	SR4	8/30/2017 23:21	29.37	79.0	6.17	4.2
SR4	8/30/2017 5:26	28.28	75.1	6.37	3.8	SR4	8/30/2017 11:26	28.17	93.6	7.43	4.0	SR4	8/30/2017 17:26	28.55	89.6	6.83	4.6	SR4	8/30/2017 23:26	29.35	78.9	6.15	4.0
SR4	8/30/2017 5:31	28.29	75.0	6.37	3.6	SR4	8/30/2017 11:31	28.17	93.8	7.43	3.9	SR4	8/30/2017 17:31	28.53	89.6	6.84	4.4	SR4	8/30/2017 23:31	29.40	78.8	6.17	3.9
SR4	8/30/2017 5:36	28.30	75.0	6.40	3.7	SR4	8/30/2017 11:36	28.17	94.0	7.44	3.9	SR4	8/30/2017 17:36	28.55	89.6	6.86	4.4	SR4	8/30/2017 23:36	29.37	78.7	6.13	3.9
SR4	8/30/2017 5:41	28.31	75.0	6.35	3.9	SR4	8/30/2017 11:41	28.18	94.2	7.45	4.0	SR4	8/30/2017 17:41	28.58	89.5	6.83	4.4	SR4	8/30/2017 23:41	29.39	78.6	6.16	3.8
SR4	8/30/2017 5:46	28.31	74.9	6.38	3.7	SR4	8/30/2017 11:46	28.20	94.4	7.45	4.0	SR4	8/30/2017 17:46	28.55	89.5	6.85	4.5	SR4	8/30/2017 23:46	29.39	78.5	6.15	3.8
SR4	8/30/2017 5:51	28.31	74.9	6.39	3.7	SR4	8/30/2017 11:51	28.20	94.6	7.45	4.1	SR4	8/30/2017 17:51	28.58	89.5	6.82	4.4	SR4	8/30/2017 23:51	29.41	78.4	6.15	4.0
SR4	8/30/2017 5:56	28.30	74.8	6.35	3.6	SR4	8/30/2017 11:56	28.19	94.8	7.47	4.3	SR4	8/30/2017 17:56	28.58	89.4	6.82	4.4	SR4	8/30/2017 23:56	29.42	78.4	6.14	3.9

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR5	8/30/2017 0:00	29.21	77.3	6.26	2.2	SR5	8/30/2017 6:00	28.92	73.9	6.23	2.8	SR5	8/30/2017 12:00	28.41	87.3	7.20	2.6	SR5	8/30/2017 18:00	28.63	88.4	6.83	2.3
SR5	8/30/2017 0:05	29.24	77.3	6.22	2.6	SR5	8/30/2017 6:05	28.89	73.8	6.20	2.6	SR5	8/30/2017 12:05	28.45	87.6	7.20	1.9	SR5	8/30/2017 18:05	28.66	88.4	6.80	2.3
SR5	8/30/2017 0:10	29.24	77.2	6.25	2.0	SR5	8/30/2017 6:10	28.89	73.8	6.22	2.9	SR5	8/30/2017 12:10	28.43	87.8	7.23	2.0	SR5	8/30/2017 18:10	28.63	88.3	6.78	3.1
SR5	8/30/2017 0:15	29.25	77.1	6.24	2.1	SR5	8/30/2017 6:15	28.90	73.7	6.22	2.6	SR5	8/30/2017 12:15	28.44	88.1	7.21	1.9	SR5	8/30/2017 18:15	28.64	88.2	6.79	2.8
SR5	8/30/2017 0:20	29.24	77.1	6.22	2.1	SR5	8/30/2017 6:20	28.89	73.7	6.22	2.7	SR5	8/30/2017 12:20	28.41	88.3	7.21	2.3	SR5	8/30/2017 18:20	28.64	88.2	6.78	2.2
SR5	8/30/2017 0:25	29.25	77.0	6.25	2.0	SR5	8/30/2017 6:25	28.87	73.7	6.20	2.1	SR5	8/30/2017 12:25	28.41	88.4	7.26	2.1	SR5	8/30/2017 18:25	28.65	88.2	6.75	2.7
SR5	8/30/2017 0:30	29.23	76.8	6.23	2.2	SR5	8/30/2017 6:30	28.85	73.5	6.21	3.3	SR5	8/30/2017 12:30	28.44	88.5	7.21	2.1	SR5	8/30/2017 18:30	28.68	88.1	6.74	2.7
SR5	8/30/2017 0:35	29.23	76.8	6.25	1.9	SR5	8/30/2017 6:35	28.89	73.6	6.21	2.4	SR5	8/30/2017 12:35	28.44	88.7	7.25	2.1	SR5	8/30/2017 18:35	28.68	88.1	6.75	2.5
SR5	8/30/2017 0:40	29.20	76.7	6.22	2.4	SR5	8/30/2017 6:40	28.87	73.5	6.18	2.9	SR5	8/30/2017 12:40	28.40	88.9	7.24	2.2	SR5	8/30/2017 18:40	28.70	88.0	6.74	2.6
SR5	8/30/2017 0:45	29.20	76.7	6.21	2.0	SR5	8/30/2017 6:45	28.86	73.4	6.17	3.1	SR5	8/30/2017 12:45	28.44	89.0	7.26	2.3	SR5	8/30/2017 18:45	28.68	87.9	6.76	2.4
SR5	8/30/2017 0:50	29.21	76.7	6.23	2.0	SR5	8/30/2017 6:50	28.82	73.4	6.19	2.6	SR5	8/30/2017 12:50	28.46	89.0	7.24	2.1	SR5	8/30/2017 18:50	28.69	87.8	6.71	3.0
SR5	8/30/2017 0:55	29.19	76.6	6.23	2.1	SR5	8/30/2017 6:55	28.82	73.3	6.17	3.1	SR5	8/30/2017 12:55	28.46	89.2	7.26	2.1	SR5	8/30/2017 18:55	28.73	87.7	6.69	3.2
SR5	8/30/2017 1:00	29.23	76.6	6.24	2.6	SR5	8/30/2017 7:00	28.86	73.3	6.19	1.9	SR5	8/30/2017 13:00	28.42	89.3	7.25	2.3	SR5	8/30/2017 19:00	28.69	87.6	6.71	2.8
SR5	8/30/2017 1:05	29.23	76.6	6.21	2.5	SR5	8/30/2017 7:05	28.84	73.3	6.18	5.6	SR5	8/30/2017 13:05	28.43	89.4	7.26	2.2	SR5	8/30/2017 19:05	28.74	87.6	6.71	4.3
SR5	8/30/2017 1:10	29.24	76.6	6.25	2.8	SR5	8/30/2017 7:10	28.84	73.3	6.17	2.1	SR5	8/30/2017 13:10	28.44	89.4	7.25	2.4	SR5	8/30/2017 19:10	28.76	87.5	6.71	2.2
SR5	8/30/2017 1:15	29.23	76.6	6.26	3.3	SR5	8/30/2017 7:15	28.84	73.3	6.17	2.0	SR5	8/30/2017 13:15	28.46	89.5	7.24	2.6	SR5	8/30/2017 19:15	28.74	87.3	6.71	2.2
SR5	8/30/2017 1:20	29.22	76.5	6.25	3.0	SR5	8/30/2017 7:20	28.84	73.3	6.19	1.8	SR5	8/30/2017 13:20	28.44	89.6	7.22	2.5	SR5	8/30/2017 19:20	28.79	87.3	6.71	2.5
SR5	8/30/2017 1:25	29.23	76.5	6.24	2.5	SR5	8/30/2017 7:25	28.82	73.3	6.20	2.3	SR5	8/30/2017 13:25	28.45	89.6	7.25	1.9	SR5	8/30/2017 19:25	28.78	87.1	6.66	2.4
SR5	8/30/2017 1:30	29.24	76.5	6.28	2.7	SR5	8/30/2017 7:30	28.81	73.3	6.18	2.2	SR5	8/30/2017 13:30	28.47	89.6	7.24	2.1	SR5	8/30/2017 19:30	28.78	87.0	6.69	2.3
SR5	8/30/2017 1:35	29.20	76.5	6.27	2.3	SR5	8/30/2017 7:35	28.83	73.1	6.20	2.4	SR5	8/30/2017 13:35	28.44	89.7	7.21	2.1	SR5	8/30/2017 19:35	28.80	86.9	6.66	2.3
SR5	8/30/2017 1:40	29.23	76.5	6.30	2.8	SR5	8/30/2017 7:40	28.82	73.1	6.18	2.2	SR5	8/30/2017 13:40	28.44	89.7	7.22	2.1	SR5	8/30/2017 19:40	28.78	86.8	6.64	1.9
SR5	8/30/2017 1:45	29.20	76.5	6.26	2.6	SR5	8/30/2017 7:45	28.81	73.0	6.15	2.7	SR5	8/30/2017 13:45	28.47	89.7	7.19	2.2	SR5	8/30/2017 19:45	28.83	86.6	6.67	2.0
SR5	8/30/2017 1:50	29.23	76.4	6.26	2.8	SR5	8/30/2017 7:50	28.79	73.0	6.18	3.2	SR5	8/30/2017 13:50	28.47	89.8	7.21	2.2	SR5	8/30/2017 19:50	28.83	86.5	6.64	1.8
SR5	8/30/2017 1:55	29.22	76.5	6.29	3.0	SR5	8/30/2017 7:55	28.78	73.0	6.17	2.7	SR5	8/30/2017 13:55	28.45	89.8	7.21	2.2	SR5	8/30/2017 19:55	28.82	86.4	6.63	1.9
SR5	8/30/2017 2:00	29.21	76.4	6.26	2.7	SR5	8/30/2017 8:00	28.77	72.9	6.17	1.7	SR5	8/30/2017 14:00	28.47	89.9	7.22	2.5	SR5	8/30/2017 20:00	28.87	86.3	6.61	1.9
SR5	8/30/2017 2:05	29.19	76.4	6.27	2.8	SR5	8/30/2017 8:05	28.79	72.9	6.20	2.3	SR5	8/30/2017 14:05	28.48	89.9	7.17	3.4	SR5	8/30/2017 20:05	28.86	86.2	6.63	2.1
SR5	8/30/2017 2:10	29.19	76.3	6.25	3.0	SR5	8/30/2017 8:10	28.75	72.9	6.15	2.4	SR5	8/30/2017 14:10	28.50	89.9	7.16	2.6	SR5	8/30/2017 20:10	28.87	86.0	6.64	2.2
SR5	8/30/2017 2:15	29.19	76.4	6.27	3.2	SR5	8/30/2017 8:15	28.74	72.9	6.16	3.2	SR5	8/30/2017 14:15	28.48	89.9	7.16	2.8	SR5	8/30/2017 20:15	28.91	85.9	6.62	2.2
SR5	8/30/2017 2:20	29.19	76.2	6.26	2.3	SR5	8/30/2017 8:20	28.78	72.9	6.16	2.1	SR5	8/30/2017 14:20	28.49	89.9	7.17	2.7	SR5	8/30/2017 20:20	28.88	85.8	6.58	1.9
SR5	8/30/2017 2:25	29.17	76.3	6.30	3.0	SR5	8/30/2017 8:25	28.76	72.8	6.15	2.5	SR5	8/30/2017 14:25	28.48	89.9	7.19	3.0	SR5	8/30/2017 20:25	28.92	85.7	6.59	2.3
SR5	8/30/2017 2:30	29.14	76.2	6.28	2.5	SR5	8/30/2017 8:30	28.78	72.9	6.17	2.6	SR5	8/30/2017 14:30	28.49	90.0	7.17	3.0	SR5	8/30/2017 20:30	28.93	85.5	6.60	1.8
SR5	8/30/2017 2:35	29.15	76.2	6.30	2.6	SR5	8/30/2017 8:35	28.74	72.9	6.16	2.2	SR5	8/30/2017 14:35	28.51	90.0	7.15	3.3	SR5	8/30/2017 20:35	28.92	85.4	6.60	2.6
SR5	8/30/2017 2:40	29.14	76.2	6.29	2.5	SR5	8/30/2017 8:40	28.73	72.8	6.17	2.5	SR5	8/30/2017 14:40	28.47	90.0	7.16	2.8	SR5	8/30/2017 20:40	28.94	85.3	6.55	2.1
SR5	8/30/2017 2:45	29.16	76.1	6.27	2.6	SR5	8/30/2017 8:45	28.77	72.9	6.19	2.6	SR5	8/30/2017 14:45	28.50	90.0	7.16	1.9	SR5	8/30/2017 20:45	28.92	85.1	6.55	2.1
SR5	8/30/2017 2:50	29.12	76.0	6.28	2.4	SR5	8/30/2017 8:50	28.74	72.9	6.18	2.2	SR5	8/30/2017 14:50	28.52	90.0	7.13	2.4	SR5	8/30/2017 20:50	28.98	85.0	6.55	3.4
SR5	8/30/2017 2:55	29.12	76.0	6.30	3.0	SR5	8/30/2017 8:55	28.75	72.7	6.17	2.6	SR5	8/30/2017 14:55	28.53	89.9	7.14	2.4	SR5	8/30/2017 20:55	28.98	84.9	6.55	1.8
SR5	8/30/2017 3:00	29.11	76.0	6.26	2.6	SR5	8/30/2017 9:00	28.73	72.7	6.15	2.9	SR5	8/30/2017 15:00	28.52	90.0	7.16	1.9	SR5	8/30/2017 21:00	28.97	84.8	6.57	1.7
SR5	8/30/2017 3:05	29.11	75.9	6.26	2.8	SR5	8/30/2017 9:05	28.71	72.7	6.19	3.7	SR5	8/30/2017 15:05	28.53	89.9	7.12	1.8	SR5	8/30/2017 21:05	29.01	84.7	6.55	4.0
SR5	8/30/2017 3:10	29.09	75.9	6.29	3.5	SR5	8/30/2017 9:10	28.71	72.7	6.16	2.7	SR5	8/30/2017 15:10	28.52	89.9	7.14	1.9	SR5	8/30/2017 21:10	28.99	84.6	6.56	1.8
SR5	8/30/2017 3:15	29.09	75.8	6.27	3.2	SR5	8/30/2017 9:15	28.73	72.7	6.17	2.5	SR5	8/30/2017 15:15	28.53	90.0	7.09	2.3	SR5	8/30/2017 21:15	29.01	84.5	6.56	1.9
SR5	8/30/2017 3:20	29.07	75.7	6.28	3.6	SR5	8/30/2017 9:20	28.75	72.8	6.15	3.5	SR5	8/30/2017 15:20	28.51	89.9	7.08	2.2	SR5	8/30/2017 21:20	29.00	84.4	6.56	1.9
SR5	8/30/2017 3:25	29.11	75.6	6.27	3.6	SR5	8/30/2017 9:25	28.74	72.8	6.17	2.5	SR5	8/30/2017 15:25	28.51	89.9	7.11	1.9	SR5	8/30/2017 21:25	29.04	84.2	6.56	1.9
SR5	8/30/2017 3:30	29.10	75.6	6.24	3.6	SR5	8/30/2017 9:30	28.77	73.2	6.18	1.9	SR5	8/30/2017 15:30	28.53	89.9	7.12	2.2	SR5	8/30/2017 21:30	29.02	84.2	6.52	2.3
SR5	8/30/2017 3:35	29.05	75.5	6.27	3.2	SR5	8/30/2017 9:35	28.48	77.4	6.58	2.1	SR5	8/30/2017 15:35	28.56	89.9	7.10	3.2	SR5	8/30/2017 21:35	29.03	84.1	6.53	2.0
SR5	8/30/2017 3:40	29.09	75.4	6.23	4.1	SR5	8/30/2017 9:40	28.52	78.3	6.65	2.0	SR5	8/30/2017 15:40	28.51	89.9	7.09	2.3	SR5	8/30/2017 21:40	29.08	83.9	6.51	1.7
SR5	8/30/2017 3:45	29.05	75.3	6.26	2.6	SR5	8/30/2017 9:45	28.60	76.5	6.46	2.1	SR5	8/30/2017 15:45	28.56	89.8	7.07	2.4	SR5	8/30/2017 21:45	29.05	83.8	6.53	2.2
SR5	8/30/2017 3:50	29.07	75.3	6.23	2.8	SR5	8/30/2017 9:50	28.59	77.4	6.56	1.7	SR5	8/30/2017 15:50	28.57	89.8	7.08	2.0	SR5	8/30/2017 21:50	29.06	83.7	6.49	2.1
SR5	8/30/2017 3:55	29.05	75.2	6.21	2.5	SR5	8/30/2017 9:55	28.50	78.6	6.66	2.8	SR5	8/30/2017 15:55	28.54	89.8	7.07	3.2	SR5	8/30/2017 21:55	29.08	83.6	6.53	2.3
SR5	8/30/2017 4:00	29.02	75.1	6.21	2.6	SR5	8/30/2017 10:00	28.44	79.9	6.76	2.7	SR5	8/30/2017 16:00	28.54	89.7	7.08	2.6	SR5	8/30/2017 22:00	29.10	83.5	6.49	2.6
SR5	8/30/2017 4:05	29.06	75.0	6.22	3.2	SR5	8/30/2017 10:05	28.47	80.1	6.79	2.1	SR5	8/30/2017 16:05	28.53	89.7	7.03	2.5	SR5	8/30/2017 22:05	29.13	83.4	6.48	2.4
SR5	8/30/2017 4:10	29.01	75.0	6.24	3.0	SR5	8/30/2017 10:10	28.46	80.0	6.74	1.8	SR5	8/30/2017 16:10	28.55	89.7	7.06	2.0	SR5	8/30/2017 22:10	29.13	83.3	6.48	2.5
SR5	8/30/2017 4:15	29.04	74.8	6.23	2.6	SR5	8/30/2017 10:15	28.48	80.7	6.82	2.1	SR5	8/30/2017 16:15	28.54	89.6	7.05	2.6	SR5	8/30/2017 22:15	29.12	83.2	6.50	2.4
SR5	8/30/2017 4:20	29.04	74.8	6.22	2.6	SR5	8/30/2017 10:20	28.43	81.4	6.86	2.4	SR5	8/30/2017 16:20	28.54	89.6	7.04	2.2	SR5	8/30/2017 22:20	29.15	83.1	6.47	2.5
SR5	8/30/2017 4:25	29.03	74.7	6.19	3.2	SR5	8/30/2017 10:25	28.41	81.8	6.88	2.2	SR5	8/30/2017 16:25	28.56	89.5	7.00	2.6	SR5	8/30/2017 22:25	29.14	83.0	6.46	2.6
SR5	8/30/2017 4:30	29.04	74.7	6.21	2.4	SR5	8/30/2017 10:30	28.40	82.1	6.90	2.0	SR5	8/30/2017 16:30	28.55	89.5	7.03	2.2	SR5	8/30/2017 22:30	29.17	82.9	6.47	2.5
SR5	8/30/2017 4:35	28.99	74.6	6.22	2.8	SR5	8/30/2017 10:35	28.44	82.4	6.92	2.2	SR5	8/30/2017 16:35	28.57	89.4	7.00	2.9	SR5	8/30/2017 22:35	29.20	82.8	6.48	2.4
SR5	8/30/2017 4:40	29.01	74.6	6.19	2.9	SR5	8/30/2017 10:40	28.40	82.8	6.95	2.7	SR5	8/30/2017 16:40	28.56	89.4	7.00	2.9	SR5	8/30/2017 22:40	29.19	82.7	6.47	2.2
SR5	8/30/2017 4:45	29.02	74.5	6.22	3.1	SR5	8/30/2017 10:45	28.39	83.2	6.99	2.5	SR5	8/30/2017 16:45	28.58	89.3	6.99	2.4	SR5	8/30/2017 22:45	29.17	82.6	6.46	2.3
SR5	8/30/2017 4:50	28.98	74.4	6.23	3.1	SR5	8/30/2017 10:50	28.42	83.5	7.00	2.3	SR5	8/30/2017 16:50	28.58	89.3	6.97	2.1	SR5	8/30/2017 22:50	29.21	82.5	6.48	2.2
SR5	8/30/2017 4:55	29.00	74.4	6.22	3.9	SR5	8/30/2017 10:55	28.43	83.8	6.99	2.2	SR5	8/30/2017 16:55	28.57	89.2	6.94	2.4	SR5	8/30/2017 22:55	29.20	82.4	6.46	2.1
SR5	8/30/2017 5:00	28.97	74.3	6.22	3.6	SR5	8/30/2017 11:00	28.40	84.1	7.00	2.1	SR5	8/30/2017 17:00	28.61	89.1	6.95	3.1	SR5	8/30/2017 23:00	29.21	82.3	6.44	2.0
SR5	8/30/2017 5:05	29.00	74.4	6.20	3.2	SR5	8/30/2017 11:05	28.42	84.4	7.02	3.1	SR5	8/30/2017 17:05	28.57	89.1	6.91	2.4	SR5	8/30/2017 23:05	29.25	82.2	6.47	2.3
SR5	8/30/2017 5:10	28.97	74.2	6.20	3.0	SR5	8/30/2017 11:10	28.42	84.7	7.03	3.0	SR5	8/30/2017 17:10	28.61	89.0	6.93	2.2	SR5	8/30/2017 23:10	29.26	82.1	6.47	2.6
SR5	8/30/2017 5:15	28.95	74.2	6.19	3.5	SR5	8/30/2017 11:15	28.44	85.0	7.04	2.3	SR5	8/30/2017 17:15	28.58	88.9	6.90	2.6	SR5	8/30/2017 23:15	29.27	82.0	6.45	3.5
SR5	8/30/2017 5:20	28.94	74.2	6.19	2.9	SR5	8/30/2017 11:20	28.44	85.3	7.08	2.5	SR5	8/30/2017 17:20	28.62	88.9	6.87	2.5	SR5	8/30/2017 23:20	29.27	81.9	6.45	2.2
SR5	8/30/2017 5:25	28.94	74.2	6.21	2.9	SR5	8/30/2017 11:25	28.41	85.5	7.10	2.5	SR5	8/30/2017 17:25	28.63	88.8	6.86	2.5	SR5	8/30/2017 23:25	29.25	81.8	6.42	2.2
SR5	8/30/2017 5:30	28.97	74.2	6.20	2.9	SR5	8/30/2017 11:30	28.40	85.8	7.11	3.0	SR5	8/30/2017 17:30	28.60	88.8	6.88	3.1	SR5	8/30/2017 23:30	29.31	81.7	6.44	2.5
SR5	8/30/2017 5:35	28.92	74.1	6.20	2.3	SR5	8/30/2017 11:35	28.39	86.1	7.13	5.5	SR5	8/30/2017 17:35	28.63	88.7	6.86	2.9	SR5	8/30/2017 23:35	29.28	81.6	6.41	2.7
SR5	8/30/2017 5:40	28.92	74.0	6.21	2.9	SR5	8/30/2017 11:40	28.44	86.3	7.14	2.3	SR5	8/30/2017 17:40	28.60	88.6	6.85	2.7	SR5	8/30/2017 23:40	29.29	81.5	6.44	2.5
SR5	8/30/2017 5:45	28.95	74.0	6.22	2.3	SR5	8/30/2017 11:45	28.42	86.6	7.14	2.4	SR5	8/30/2017 17:45	28.61	88.6	6.83	2.2	SR5	8/30/2017 23:45	29.30	81.4	6.41	2.7
SR5	8/30/2017 5:50	28.90	73.9	6.23	3.0	SR5	8/30/2017 11:50	28.42	86.8	7.16	2.0	SR5	8/30/2017 17:50	28.64	88.5	6.83	2.5	SR5	8/30/2017 23:50	29.31	81.3	6.44	2.0
SR5	8/30/2017 5:55	28.91	73.9	6.23	1.9	SR5	8/30/2017 11:55	28.42	87.0	7.18	2.2	SR5	8/30/2017 17:55	28.62	88.5	6.84	2.4	SR5	8/30/2017 23:55	29.32	81.2	6.39	1.9

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR12	8/30/2017 0:01	28.96	76.0	6.23	2.0	SR12	8/30/2017 6:01	28.49	73.4	6.15	2.4	SR12	8/30/2017 12:01	28.21	95.0	7.46	3.5	SR12	8/30/2017 18:01	28.59	87.7	6.57	1.7
SR12	8/30/2017 0:06	28.98	76.0	6.21	2.0	SR12	8/30/2017 6:06	28.48	73.0	6.13	2.5	SR12	8/30/2017 12:06	28.23	95.2	7.47	3.5	SR12	8/30/2017 18:06	28.62	87.7	6.56	2.1
SR12	8/30/2017 0:11	28.98	75.8	6.21	1.8	SR12	8/30/2017 6:11	28.49	73.0	6.13	2.0	SR12	8/30/2017 12:11	28.24	95.4	7.47	3.0	SR12	8/30/2017 18:11	28.61	87.6	6.55	1.1
SR12	8/30/2017 0:16	28.99	75.8	6.20	2.2	SR12	8/30/2017 6:16	28.49	73.0	6.13	2.4	SR12	8/30/2017 12:16	28.23	95.6	7.48	3.6	SR12	8/30/2017 18:16	28.61	87.6	6.55	1.3
SR12	8/30/2017 0:21	28.99	75.8	6.21	1.9	SR12	8/30/2017 6:21	28.47	73.2	6.15	2.5	SR12	8/30/2017 12:21	28.24	95.2	7.43	3.6	SR12	8/30/2017 18:21	28.60	87.5	6.53	1.2
SR12	8/30/2017 0:26	28.99	75.5	6.19	1.8	SR12	8/30/2017 6:26	28.47	73.2	6.14	2.2	SR12	8/30/2017 12:26	28.25	94.9	7.42	2.7	SR12	8/30/2017 18:26	28.63	87.5	6.54	1.1
SR12	8/30/2017 0:31	28.98	75.3	6.17	2.2	SR12	8/30/2017 6:31	28.47	72.7	6.12	2.6	SR12	8/30/2017 12:31	28.25	94.6	7.37	3.4	SR12	8/30/2017 18:31	28.63	87.5	6.52	1.5
SR12	8/30/2017 0:36	28.98	75.2	6.17	2.2	SR12	8/30/2017 6:36	28.48	72.9	6.12	2.6	SR12	8/30/2017 12:36	28.26	94.4	7.36	3.3	SR12	8/30/2017 18:36	28.63	87.4	6.53	1.3
SR12	8/30/2017 0:41	28.95	75.2	6.16	1.5	SR12	8/30/2017 6:41	28.47	72.9	6.11	2.2	SR12	8/30/2017 12:41	28.25	94.5	7.35	2.7	SR12	8/30/2017 18:41	28.66	87.4	6.53	1.3
SR12	8/30/2017 0:46	28.92	75.6	6.19	2.6	SR12	8/30/2017 6:46	28.46	72.8	6.11	2.6	SR12	8/30/2017 12:46	28.28	94.3	7.35	3.4	SR12	8/30/2017 18:46	28.68	87.0	6.53	1.2
SR12	8/30/2017 0:51	28.92	76.0	6.24	2.0	SR12	8/30/2017 6:51	28.45	72.6	6.11	2.9	SR12	8/30/2017 12:51	28.31	93.9	7.31	3.3	SR12	8/30/2017 18:51	28.68	86.9	6.50	1.4
SR12	8/30/2017 0:56	28.94	75.5	6.20	1.6	SR12	8/30/2017 6:56	28.45	72.7	6.09	2.3	SR12	8/30/2017 12:56	28.30	93.9	7.30	2.7	SR12	8/30/2017 18:56	28.71	86.8	6.51	1.3
SR12	8/30/2017 1:01	28.98	75.8	6.22	2.1	SR12	8/30/2017 7:01	28.45	72.5	6.09	3.0	SR12	8/30/2017 13:01	28.28	93.7	7.28	3.3	SR12	8/30/2017 19:01	28.71	86.6	6.50	1.4
SR12	8/30/2017 1:06	29.01	75.9	6.22	2.2	SR12	8/30/2017 7:06	28.43	72.9	6.12	3.0	SR12	8/30/2017 13:06	28.30	93.4	7.26	3.2	SR12	8/30/2017 19:06	28.74	86.5	6.51	1.9
SR12	8/30/2017 1:11	29.01	76.1	6.25	2.3	SR12	8/30/2017 7:11	28.43	73.0	6.13	2.5	SR12	8/30/2017 13:11	28.29	93.1	7.22	2.7	SR12	8/30/2017 19:11	28.78	86.3	6.48	1.1
SR12	8/30/2017 1:16	29.01	75.9	6.23	2.8	SR12	8/30/2017 7:16	28.42	72.9	6.13	3.2	SR12	8/30/2017 13:16	28.31	92.9	7.20	3.5	SR12	8/30/2017 19:16	28.77	86.2	6.49	1.3
SR12	8/30/2017 1:21	29.01	75.8	6.23	1.8	SR12	8/30/2017 7:21	28.42	73.2	6.15	3.3	SR12	8/30/2017 13:21	28.32	92.7	7.17	3.5	SR12	8/30/2017 19:21	28.86	84.8	6.35	1.4
SR12	8/30/2017 1:26	29.01	75.8	6.22	1.7	SR12	8/30/2017 7:26	28.41	73.4	6.18	2.6	SR12	8/30/2017 13:26	28.32	92.7	7.21	2.7	SR12	8/30/2017 19:26	28.86	84.6	6.30	1.1
SR12	8/30/2017 1:31	29.00	75.8	6.23	2.1	SR12	8/30/2017 7:31	28.40	73.3	6.16	3.3	SR12	8/30/2017 13:31	28.34	92.6	7.17	3.2	SR12	8/30/2017 19:31	28.86	84.4	6.32	1.4
SR12	8/30/2017 1:36	28.98	75.8	6.22	3.0	SR12	8/30/2017 7:36	28.37	72.5	6.11	3.4	SR12	8/30/2017 13:36	28.33	92.5	7.16	3.3	SR12	8/30/2017 19:36	28.89	84.2	6.29	1.4
SR12	8/30/2017 1:41	28.94	76.2	6.29	2.3	SR12	8/30/2017 7:41	28.36	72.3	6.09	2.6	SR12	8/30/2017 13:41	28.33	92.4	7.15	2.7	SR12	8/30/2017 19:41	28.88	84.0	6.30	1.4
SR12	8/30/2017 1:46	28.96	75.9	6.25	2.6	SR12	8/30/2017 7:46	28.36	72.2	6.07	3.2	SR12	8/30/2017 13:46	28.37	92.3	7.13	3.3	SR12	8/30/2017 19:46	28.93	83.8	6.32	1.4
SR12	8/30/2017 1:51	28.98	75.8	6.23	2.2	SR12	8/30/2017 7:51	28.36	72.2	6.09	3.4	SR12	8/30/2017 13:51	28.37	92.2	7.14	3.3	SR12	8/30/2017 19:51	28.94	83.7	6.30	1.4
SR12	8/30/2017 1:56	28.97	76.0	6.26	1.6	SR12	8/30/2017 7:56	28.38	72.7	6.11	2.8	SR12	8/30/2017 13:56	28.35	92.1	7.12	2.5	SR12	8/30/2017 19:56	28.94	83.5	6.28	1.3
SR12	8/30/2017 2:01	28.98	75.9	6.24	2.2	SR12	8/30/2017 8:01	28.39	72.7	6.12	2.8	SR12	8/30/2017 14:01	28.36	92.1	7.11	3.1	SR12	8/30/2017 20:01	28.98	83.3	6.27	2.2
SR12	8/30/2017 2:06	28.99	75.8	6.25	1.8	SR12	8/30/2017 8:06	28.40	72.7	6.13	3.2	SR12	8/30/2017 14:06	28.37	92.0	7.10	3.1	SR12	8/30/2017 20:06	28.99	83.1	6.27	1.8
SR12	8/30/2017 2:11	28.93	75.5	6.22	2.3	SR12	8/30/2017 8:11	28.39	72.7	6.12	2.8	SR12	8/30/2017 14:11	28.39	91.9	7.08	2.5	SR12	8/30/2017 20:11	28.99	83.0	6.29	1.7
SR12	8/30/2017 2:16	28.94	75.9	6.27	2.0	SR12	8/30/2017 8:16	28.39	72.6	6.11	3.5	SR12	8/30/2017 14:16	28.38	91.8	7.08	2.8	SR12	8/30/2017 20:16	29.03	82.7	6.25	1.4
SR12	8/30/2017 2:21	28.97	75.5	6.22	2.1	SR12	8/30/2017 8:21	28.40	72.6	6.12	3.1	SR12	8/30/2017 14:21	28.39	91.7	7.08	2.8	SR12	8/30/2017 20:21	29.03	82.6	6.23	1.4
SR12	8/30/2017 2:26	28.99	76.0	6.28	2.2	SR12	8/30/2017 8:26	28.39	72.7	6.12	3.1	SR12	8/30/2017 14:26	28.38	91.7	7.07	2.3	SR12	8/30/2017 20:26	29.04	82.5	6.24	1.2
SR12	8/30/2017 2:31	28.88	75.7	6.27	2.2	SR12	8/30/2017 8:31	28.42	73.0	6.15	2.9	SR12	8/30/2017 14:31	28.41	91.6	7.06	2.5	SR12	8/30/2017 20:31	29.06	82.3	6.25	1.5
SR12	8/30/2017 2:36	28.86	75.7	6.26	2.6	SR12	8/30/2017 8:36	28.42	72.9	6.14	2.6	SR12	8/30/2017 14:36	28.40	91.5	7.04	2.2	SR12	8/30/2017 20:36	29.05	82.1	6.25	1.9
SR12	8/30/2017 2:41	28.90	75.5	6.24	1.8	SR12	8/30/2017 8:41	28.41	72.6	6.12	2.4	SR12	8/30/2017 14:41	28.40	91.5	7.02	2.0	SR12	8/30/2017 20:41	29.07	82.1	6.23	1.1
SR12	8/30/2017 2:46	28.92	75.5	6.25	2.8	SR12	8/30/2017 8:46	28.42	72.8	6.15	3.0	SR12	8/30/2017 14:46	28.42	91.4	7.02	2.9	SR12	8/30/2017 20:46	29.07	82.0	6.22	1.3
SR12	8/30/2017 2:51	28.86	75.3	6.23	2.6	SR12	8/30/2017 8:51	28.41	72.7	6.14	3.6	SR12	8/30/2017 14:51	28.44	91.3	7.03	3.1	SR12	8/30/2017 20:51	29.09	81.9	6.23	1.3
SR12	8/30/2017 2:56	28.89	75.4	6.24	2.4	SR12	8/30/2017 8:56	28.41	72.3	6.10	3.0	SR12	8/30/2017 14:56	28.42	91.2	7.00	2.5	SR12	8/30/2017 20:56	29.12	81.8	6.23	1.2
SR12	8/30/2017 3:01	28.89	75.1	6.21	2.8	SR12	8/30/2017 9:01	28.39	72.3	6.10	3.5	SR12	8/30/2017 15:01	28.40	90.8	6.94	2.9	SR12	8/30/2017 21:01	29.10	81.7	6.24	1.9
SR12	8/30/2017 3:06	28.90	75.2	6.22	2.8	SR12	8/30/2017 9:06	28.40	72.3	6.11	2.9	SR12	8/30/2017 15:06	28.42	90.7	6.91	2.9	SR12	8/30/2017 21:06	29.14	81.6	6.22	1.4
SR12	8/30/2017 3:11	28.87	75.1	6.22	2.3	SR12	8/30/2017 9:11	28.43	72.6	6.13	3.1	SR12	8/30/2017 15:11	28.42	90.6	6.90	2.4	SR12	8/30/2017 21:11	29.12	81.5	6.22	1.2
SR12	8/30/2017 3:16	28.88	75.0	6.21	2.6	SR12	8/30/2017 9:16	28.45	72.6	6.12	3.6	SR12	8/30/2017 15:16	28.44	90.5	6.87	2.8	SR12	8/30/2017 21:16	29.14	81.4	6.23	1.5
SR12	8/30/2017 3:21	28.84	74.9	6.21	2.9	SR12	8/30/2017 9:21	28.50	73.0	6.13	2.8	SR12	8/30/2017 15:21	28.42	90.4	6.85	2.8	SR12	8/30/2017 21:21	29.15	81.3	6.24	1.3
SR12	8/30/2017 3:26	28.84	74.8	6.21	2.3	SR12	8/30/2017 9:26	28.52	73.1	6.15	2.9	SR12	8/30/2017 15:26	28.44	90.3	6.86	2.3	SR12	8/30/2017 21:26	29.18	81.2	6.21	1.3
SR12	8/30/2017 3:31	28.81	74.6	6.19	2.9	SR12	8/30/2017 9:31	28.59	74.7	6.27	3.4	SR12	8/30/2017 15:31	28.43	90.2	6.86	2.5	SR12	8/30/2017 21:31	29.17	81.1	6.21	1.4
SR12	8/30/2017 3:36	28.77	74.5	6.19	2.2	SR12	8/30/2017 9:36	27.46	93.6	8.04	3.5	SR12	8/30/2017 15:36	28.46	90.1	6.85	2.5	SR12	8/30/2017 21:36	29.17	81.0	6.22	1.3
SR12	8/30/2017 3:41	28.79	74.4	6.16	2.2	SR12	8/30/2017 9:41	27.68	94.3	8.05	3.0	SR12	8/30/2017 15:41	28.44	90.0	6.83	1.6	SR12	8/30/2017 21:41	29.21	80.9	6.22	1.1
SR12	8/30/2017 3:46	28.76	74.3	6.18	2.3	SR12	8/30/2017 9:46	28.11	85.9	7.15	3.5	SR12	8/30/2017 15:46	28.47	89.9	6.81	2.4	SR12	8/30/2017 21:46	29.18	80.8	6.21	1.3
SR12	8/30/2017 3:51	28.77	74.2	6.15	2.8	SR12	8/30/2017 9:51	28.05	88.4	7.35	3.1	SR12	8/30/2017 15:51	28.47	89.8	6.80	2.4	SR12	8/30/2017 21:51	29.20	80.8	6.19	1.2
SR12	8/30/2017 3:56	28.75	74.1	6.15	2.4	SR12						SR12	8/30/2017 15:56	28.47	89.7	6.79	2.0	SR12	8/30/2017 21:56	29.22	80.6	6.22	1.1
SR12	8/30/2017 4:01	28.71	74.1	6.16	2.9	SR12						SR12	8/30/2017 16:01	28.47	89.6	6.79	1.8	SR12	8/30/2017 22:01	29.23	80.6	6.20	1.3
SR12	8/30/2017 4:06	28.72	74.0	6.14	2.9	SR12						SR12	8/30/2017 16:06	28.47	89.5	6.76	1.9	SR12	8/30/2017 22:06	29.25	80.5	6.18	1.3
SR12	8/30/2017 4:11	28.72	73.9	6.14	1.9	SR12						SR12	8/30/2017 16:11	28.49	89.4	6.76	1.4	SR12	8/30/2017 22:11	29.25	80.3	6.18	1.0
SR12	8/30/2017 4:16	28.74	73.6	6.13	2.1	SR12						SR12	8/30/2017 16:16	28.48	89.3	6.74	2.4	SR12	8/30/2017 22:16	29.24	80.2	6.20	1.3
SR12	8/30/2017 4:21	28.76	73.7	6.13	2.5	SR12						SR12	8/30/2017 16:21	28.49	89.2	6.73	2.0	SR12	8/30/2017 22:21	29.27	80.1	6.18	1.2
SR12	8/30/2017 4:26	28.73	73.8	6.14	2.2	SR12						SR12	8/30/2017 16:26	28.50	89.0	6.70	1.6	SR12	8/30/2017 22:26	29.26	80.1	6.16	1.1
SR12	8/30/2017 4:31	28.75	73.9	6.14	2.6	SR12						SR12	8/30/2017 16:31	28.49	88.9	6.71	2.1	SR12	8/30/2017 22:31	29.28	80.0	6.19	1.3
SR12	8/30/2017 4:36	28.71	73.7	6.14	2.8	SR12						SR12	8/30/2017 16:36	28.50	88.8	6.69	1.8	SR12	8/30/2017 22:36	29.30	79.9	6.17	1.4
SR12	8/30/2017 4:41	28.72	73.8	6.13	2.2	SR12						SR12	8/30/2017 16:41	28.52	88.7	6.68	1.4	SR12	8/30/2017 22:41	29.30	79.7	6.18	1.0
SR12	8/30/2017 4:46	28.70	73.4	6.12	2.2	SR12						SR12	8/30/2017 16:46	28.52	88.6	6.68	2.0	SR12	8/30/2017 22:46	29.28	79.7	6.17	1.1
SR12	8/30/2017 4:51	28.66	73.5	6.14	2.6	SR12						SR12	8/30/2017 16:51	28.53	88.5	6.66	1.7	SR12	8/30/2017 22:51	29.31	79.5	6.18	1.5
SR12	8/30/2017 4:56	28.66	73.6	6.15	2.3	SR12						SR12	8/30/2017 16:56	28.52	88.5	6.64	1.4	SR12	8/30/2017 22:56	29.30	79.5	6.16	1.4
SR12	8/30/2017 5:01	28.63	73.7	6.15	2.5	SR12	8/30/2017 11:01	28.09	92.8	7.45	3.0	SR12	8/30/2017 17:01	28.53	88.4	6.64	1.8	SR12	8/30/2017 23:01	29.32	79.4	6.14	1.2
SR12	8/30/2017 5:06	28.61	73.9	6.17	2.0	SR12	8/30/2017 11:06	28.12	93.0	7.43	3.7	SR12	8/30/2017 17:06	28.53	88.3	6.63	1.5	SR12	8/30/2017 23:06	29.35	79.4	6.17	1.3
SR12	8/30/2017 5:11	28.56	73.4	6.14	2.1	SR12	8/30/2017 11:11	28.12	93.2	7.44	2.9	SR12	8/30/2017 17:11	28.53	88.2	6.63	1.4	SR12	8/30/2017 23:11	29.33	79.2	6.17	1.5
SR12	8/30/2017 5:16	28.55	73.5	6.14	2.5	SR12	8/30/2017 11:16	28.14	93.3	7.43	3.6	SR12	8/30/2017 17:16	28.54	88.2	6.62	1.5	SR12	8/30/2017 23:16	29.34	79.2	6.17	1.7
SR12	8/30/2017 5:21	28.54	73.6	6.14	2.5	SR12	8/30/2017 11:21	28.15	93.5	7.44	3.6	SR12	8/30/2017 17:21	28.56	88.1	6.60	1.5	SR12	8/30/2017 23:21	29.37	79.0	6.17	1.2
SR12	8/30/2017 5:26	28.51	73.6	6.15	2.0	SR12	8/30/2017 11:26	28.17	93.6	7.43	2.9	SR12	8/30/2017 17:26	28.57	88.1	6.60	1.2	SR12	8/30/2017 23:26	29.35	78.9	6.15	1.0
SR12	8/30/2017 5:31	28.52	73.6	6.15	2.0	SR12	8/30/2017 11:31	28.17	93.8	7.43	3.7	SR12	8/30/2017 17:31	28.54	88.0	6.61	1.4	SR12	8/30/2017 23:31	29.40	78.8	6.17	1.2
SR12	8/30/2017 5:36	28.52	73.5	6.15	2.5	SR12	8/30/2017 11:36	28.17	94.0	7.44	3.0	SR12	8/30/2017 17:36	28.57	87.9	6.61	1.4	SR12	8/30/2017 23:36	29.37	78.7	6.13	1.8
SR12	8/30/2017 5:41	28.52	73.5	6.14	2.0	SR12	8/30/2017 11:41	28.18	94.2	7.45	2.9	SR12	8/30/2017 17:41	28.56	87.9	6.59	1.2	SR12	8/30/2017 23:41	29.39	78.6	6.16	1.1
SR12	8/30/2017 5:46	28.52	73.4	6.15	2.4	SR12	8/30/2017 11:46	28.20	94.4	7.45	3.5	SR12	8/30/2017 17:46	28.57	87.8	6.58	1.7	SR12	8/30/2017 23:46	29.39	78.5	6.15	1.4
SR12	8/30/2017 5:51	28.50	73.3	6.15	2.4	SR12	8/30/2017 11:51	28.20	94.6	7.45	3.6	SR12	8/30/2017 17:51	28.59	87.8	6.57	2.1	SR12	8/30/2017 23:51	29.41	78.4	6.15	1.2
SR12	8/30/2017 5:56	28.49	73.4	6.15	2.1	SR12	8/30/2017 11:56	28.19	94.8	7.47	2.9	SR12	8/30/2017 17:56	28.58	87.7	6.57	1.5	SR12	8/30/2017 23:56	29.42	78.4	6.14	1.1

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR13	8/30/2017 0:00	28.71	73.7	6.00	5.5	SR13	8/30/2017 6:00	28.25	71.5	5.87	6.0	SR13	8/30/2017 12:00	28.01	102.6	7.71	4.9	SR13	8/30/2017 18:00	28.57	85.3	6.03	4.5
SR13	8/30/2017 0:05	28.72	73.6	5.99	5.3	SR13	8/30/2017 6:05	28.29	70.6	5.79	5.8	SR13	8/30/2017 12:05	28.01	102.8	7.74	6.1	SR13	8/30/2017 18:05	28.58	85.2	6.03	4.3
SR13	8/30/2017 0:10	28.73	73.3	5.96	5.3	SR13	8/30/2017 6:10	28.30	70.6	5.79	5.8	SR13	8/30/2017 12:10	28.05	102.9	7.71	5.3	SR13	8/30/2017 18:10	28.57	85.2	6.00	4.3
SR13	8/30/2017 0:15	28.76	73.2	5.95	5.3	SR13	8/30/2017 6:15	28.28	70.7	5.80	5.9	SR13	8/30/2017 12:15	28.02	103.0	7.75	5.6	SR13	8/30/2017 18:15	28.58	85.2	6.02	4.4
SR13	8/30/2017 0:20	28.74	73.4	5.97	5.2	SR13	8/30/2017 6:20	28.24	71.3	5.85	5.9	SR13	8/30/2017 12:20	28.07	102.2	7.65	5.8	SR13	8/30/2017 18:20	28.55	85.1	5.98	4.4
SR13	8/30/2017 0:25	28.76	72.7	5.91	5.9	SR13	8/30/2017 6:25	28.25	71.3	5.85	5.8	SR13	8/30/2017 12:25	28.08	101.3	7.57	5.0	SR13	8/30/2017 18:25	28.59	85.1	6.02	4.4
SR13	8/30/2017 0:30	28.76	72.2	5.87	5.4	SR13	8/30/2017 6:30	28.27	70.0	5.74	6.4	SR13	8/30/2017 12:30	28.06	100.7	7.53	5.1	SR13	8/30/2017 18:30	28.57	85.1	5.97	4.2
SR13	8/30/2017 0:35	28.78	72.2	5.87	5.5	SR13	8/30/2017 6:35	28.26	70.7	5.79	5.7	SR13	8/30/2017 12:35	28.08	100.2	7.47	5.7	SR13	8/30/2017 18:35	28.58	85.1	5.97	4.3
SR13	8/30/2017 0:40	28.77	72.2	5.87	5.4	SR13	8/30/2017 6:40	28.25	70.8	5.80	5.9	SR13	8/30/2017 12:40	28.09	100.1	7.46	5.6	SR13	8/30/2017 18:40	28.60	85.1	6.00	4.3
SR13	8/30/2017 0:45	28.70	73.3	5.97	5.2	SR13	8/30/2017 6:45	28.25	70.5	5.78	6.0	SR13	8/30/2017 12:45	28.11	99.6	7.43	4.8	SR13	8/30/2017 18:45	28.72	84.1	6.00	4.2
SR13	8/30/2017 0:50	28.68	74.4	6.06	5.4	SR13	8/30/2017 6:50	28.24	70.2	5.76	6.4	SR13	8/30/2017 12:50	28.15	98.8	7.38	5.6	SR13	8/30/2017 18:50	28.71	83.9	5.97	4.7
SR13	8/30/2017 0:55	28.70	73.3	5.97	7.5	SR13	8/30/2017 6:55	28.24	70.3	5.77	6.1	SR13	8/30/2017 12:55	28.14	98.6	7.33	4.4	SR13	8/30/2017 18:55	28.75	83.7	6.00	4.2
SR13	8/30/2017 1:00	28.78	74.1	6.02	5.6	SR13	8/30/2017 7:00	28.24	70.0	5.74	6.0	SR13	8/30/2017 13:00	28.14	98.2	7.31	4.7	SR13	8/30/2017 19:00	28.78	83.4	5.97	4.5
SR13	8/30/2017 1:05	28.85	74.5	6.05	6.2	SR13	8/30/2017 7:05	28.23	71.1	5.84	6.3	SR13	8/30/2017 13:05	28.17	97.4	7.25	4.7	SR13	8/30/2017 19:05	28.83	83.2	6.00	4.4
SR13	8/30/2017 1:10	28.86	74.9	6.08	5.6	SR13	8/30/2017 7:10	28.24	71.4	5.86	6.4	SR13	8/30/2017 13:10	28.14	96.8	7.18	4.4	SR13	8/30/2017 19:10	28.87	82.8	5.95	4.3
SR13	8/30/2017 1:15	28.85	74.3	6.03	6.1	SR13	8/30/2017 7:15	28.25	71.3	5.85	6.2	SR13	8/30/2017 13:15	28.16	96.4	7.15	5.0	SR13	8/30/2017 19:15	28.85	82.6	5.96	4.4
SR13	8/30/2017 1:20	28.86	74.3	6.03	6.0	SR13	8/30/2017 7:20	28.24	72.0	5.91	6.3	SR13	8/30/2017 13:20	28.19	95.9	7.12	4.7	SR13	8/30/2017 19:20	28.92	82.3	5.99	4.3
SR13	8/30/2017 1:25	28.86	74.2	6.02	5.8	SR13	8/30/2017 7:25	28.23	72.7	5.97	6.6	SR13	8/30/2017 13:25	28.21	95.4	7.10	4.7	SR13	8/30/2017 19:25	28.93	82.0	5.94	4.6
SR13	8/30/2017 1:30	28.86	74.3	6.03	5.9	SR13	8/30/2017 7:30	28.21	72.5	5.95	6.4	SR13	8/30/2017 13:30	28.22	95.1	7.04	4.6	SR13	8/30/2017 19:30	28.93	81.8	5.95	4.5
SR13	8/30/2017 1:35	28.86	74.2	6.02	5.7	SR13	8/30/2017 7:35	28.09	70.4	5.79	6.3	SR13	8/30/2017 13:35	28.24	94.8	7.01	4.3	SR13	8/30/2017 19:35	28.97	81.5	5.92	4.7
SR13	8/30/2017 1:40	28.72	75.5	6.14	6.1	SR13	8/30/2017 7:40	28.05	69.9	5.75	6.6	SR13	8/30/2017 13:40	28.21	94.4	6.99	4.2	SR13	8/30/2017 19:40	28.97	81.3	5.96	4.9
SR13	8/30/2017 1:45	28.79	74.7	6.07	5.8	SR13	8/30/2017 7:45	28.07	69.5	5.72	7.3	SR13	8/30/2017 13:45	28.26	94.1	6.94	4.2	SR13	8/30/2017 19:45	29.03	81.0	5.96	4.4
SR13	8/30/2017 1:50	28.84	74.5	6.04	5.9	SR13	8/30/2017 7:50	28.09	69.7	5.73	6.4	SR13	8/30/2017 13:50	28.26	93.8	6.92	4.3	SR13	8/30/2017 19:50	29.05	80.9	5.96	4.8
SR13	8/30/2017 1:55	28.82	74.8	6.08	6.7	SR13	8/30/2017 7:55	28.16	71.1	5.84	6.3	SR13	8/30/2017 13:55	28.24	93.6	6.88	4.2	SR13	8/30/2017 19:55	29.06	80.7	5.93	4.7
SR13	8/30/2017 2:00	28.86	74.6	6.06	5.8	SR13	8/30/2017 8:00	28.20	71.2	5.85	6.0	SR13	8/30/2017 14:00	28.24	93.3	6.85	4.2	SR13	8/30/2017 20:00	29.09	80.4	5.93	4.5
SR13	8/30/2017 2:05	28.90	74.4	6.04	6.0	SR13	8/30/2017 8:05	28.19	71.3	5.85	5.8	SR13	8/30/2017 14:05	28.28	93.1	6.83	4.0	SR13	8/30/2017 20:05	29.12	80.1	5.91	4.5
SR13	8/30/2017 2:10	28.71	73.6	5.99	5.5	SR13	8/30/2017 8:10	28.19	71.3	5.86	6.7	SR13	8/30/2017 14:10	28.28	92.9	6.79	4.2	SR13	8/30/2017 20:10	29.11	79.9	5.93	4.5
SR13	8/30/2017 2:15	28.73	74.9	6.09	5.8	SR13	8/30/2017 8:15	28.18	71.1	5.84	6.3	SR13	8/30/2017 14:15	28.28	92.6	6.81	4.1	SR13	8/30/2017 20:15	29.14	79.6	5.87	4.5
SR13	8/30/2017 2:20	28.82	73.6	5.98	6.2	SR13	8/30/2017 8:20	28.19	71.2	5.85	5.6	SR13	8/30/2017 14:20	28.29	92.4	6.75	4.0	SR13	8/30/2017 20:20	29.17	79.5	5.88	4.4
SR13	8/30/2017 2:25	28.90	75.2	6.10	5.9	SR13	8/30/2017 8:25	28.20	71.4	5.86	6.3	SR13	8/30/2017 14:25	28.28	92.3	6.73	3.8	SR13	8/30/2017 20:25	29.16	79.3	5.89	4.4
SR13	8/30/2017 2:30	28.62	74.5	6.07	5.9	SR13	8/30/2017 8:30	28.26	72.2	5.92	5.6	SR13	8/30/2017 14:30	28.33	92.0	6.73	4.1	SR13	8/30/2017 20:30	29.19	79.2	5.90	4.4
SR13	8/30/2017 2:35	28.60	74.3	6.06	5.5	SR13	8/30/2017 8:35	28.27	72.0	5.90	5.6	SR13	8/30/2017 14:35	28.31	91.9	6.68	3.9	SR13	8/30/2017 20:35	29.18	78.9	5.89	4.5
SR13	8/30/2017 2:40	28.72	73.8	6.01	5.7	SR13	8/30/2017 8:40	28.24	71.4	5.85	5.9	SR13	8/30/2017 14:40	28.32	91.6	6.65	4.0	SR13	8/30/2017 20:40	29.20	78.9	5.90	4.6
SR13	8/30/2017 2:45	28.75	74.0	6.02	5.9	SR13	8/30/2017 8:45	28.25	71.7	5.88	6.1	SR13	8/30/2017 14:45	28.34	91.5	6.62	3.8	SR13	8/30/2017 20:45	29.21	78.9	5.89	4.3
SR13	8/30/2017 2:50	28.58	73.6	6.00	6.2	SR13	8/30/2017 8:50	28.26	71.6	5.88	5.5	SR13	8/30/2017 14:50	28.36	91.3	6.65	4.0	SR13	8/30/2017 20:50	29.20	78.8	5.91	4.8
SR13	8/30/2017 2:55	28.66	73.7	6.00	6.2	SR13	8/30/2017 8:55	28.23	70.4	5.78	6.2	SR13	8/30/2017 14:55	28.33	91.0	6.58	3.9	SR13	8/30/2017 20:55	29.25	78.7	5.90	4.5
SR13	8/30/2017 3:00	28.66	73.1	5.95	10.7	SR13	8/30/2017 9:00	28.19	70.5	5.79	5.7	SR13	8/30/2017 15:00	28.34	90.8	6.60	4.0	SR13	8/30/2017 21:00	29.22	78.6	5.90	4.4
SR13	8/30/2017 3:05	28.68	73.3	5.97	5.6	SR13	8/30/2017 9:05	28.19	70.7	5.80	5.7	SR13	8/30/2017 15:05	28.37	90.7	6.57	3.7	SR13	8/30/2017 21:05	29.27	78.5	5.88	4.3
SR13	8/30/2017 3:10	28.63	73.1	5.96	5.5	SR13	8/30/2017 9:10	28.27	71.5	5.86	6.0	SR13	8/30/2017 15:10	28.35	90.5	6.56	3.8	SR13	8/30/2017 21:10	29.24	78.4	5.88	4.6
SR13	8/30/2017 3:15	28.65	72.9	5.94	6.7	SR13	8/30/2017 9:15	28.31	71.6	5.87	6.3	SR13	8/30/2017 15:15	28.40	90.3	6.55	4.2	SR13	8/30/2017 21:15	29.26	78.3	5.90	4.7
SR13	8/30/2017 3:20	28.60	72.6	5.92	5.7	SR13	8/30/2017 9:20	28.43	72.5	5.93	5.5	SR13	8/30/2017 15:20	28.36	90.0	6.49	4.1	SR13	8/30/2017 21:20	29.29	78.2	5.91	6.5
SR13	8/30/2017 3:25	28.55	72.5	5.92	5.8	SR13	8/30/2017 9:25	28.47	72.7	5.94	5.6	SR13	8/30/2017 15:25	28.41	89.9	6.52	4.4	SR13	8/30/2017 21:25	29.31	78.2	5.86	6.4
SR13	8/30/2017 3:30	28.55	72.2	5.89	5.9	SR13	8/30/2017 9:30	28.51	77.2	6.30	5.6	SR13	8/30/2017 15:30	28.38	89.7	6.51	4.2	SR13	8/30/2017 21:30	29.32	78.1	5.89	6.6
SR13	8/30/2017 3:35	28.53	72.0	5.88	5.9	SR13	8/30/2017 9:35	25.62	127.3	10.95	5.8	SR13	8/30/2017 15:35	28.42	89.5	6.49	3.8	SR13	8/30/2017 21:35	29.30	78.0	5.91	6.5
SR13	8/30/2017 3:40	28.57	71.8	5.85	7.1	SR13	8/30/2017 9:40	26.24	128.0	10.88	5.8	SR13	8/30/2017 15:40	28.41	89.3	6.48	3.9	SR13	8/30/2017 21:40	29.33	77.9	5.92	6.3
SR13	8/30/2017 3:45	28.46	71.8	5.87	6.0	SR13	8/30/2017 9:45	27.61	95.4	7.83	5.7	SR13	8/30/2017 15:45	28.44	89.1	6.46	4.5	SR13	8/30/2017 21:45	29.31	77.8	5.89	6.4
SR13	8/30/2017 3:50	28.45	71.5	5.84	5.8	SR13	8/30/2017 9:50	27.50	99.3	8.14	5.9	SR13	8/30/2017 15:50	28.41	88.9	6.42	4.2	SR13	8/30/2017 21:50	29.34	77.8	5.88	6.3
SR13	8/30/2017 3:55	28.46	71.2	5.82	5.7	SR13	8/30/2017 9:55	27.32	103.8	8.52	5.8	SR13	8/30/2017 15:55	28.43	88.7	6.42	4.1	SR13	8/30/2017 21:55	29.36	77.5	5.90	6.3
SR13	8/30/2017 4:00	28.44	71.5	5.85	5.7	SR13	8/30/2017 10:00	27.12	108.3	8.87	5.9	SR13	8/30/2017 16:00	28.45	88.5	6.42	4.0	SR13	8/30/2017 22:00	29.35	77.7	5.91	6.4
SR13	8/30/2017 4:05	28.44	71.3	5.83	5.7	SR13	8/30/2017 10:05	27.33	105.2	8.56	5.8	SR13	8/30/2017 16:05	28.46	88.3	6.37	4.5	SR13	8/30/2017 22:05	29.36	77.5	5.88	6.6
SR13	8/30/2017 4:10	28.46	71.2	5.82	5.7	SR13	8/30/2017 10:10	27.54	101.4	8.16	5.7	SR13	8/30/2017 16:10	28.46	88.2	6.36	4.5	SR13	8/30/2017 22:10	29.37	77.4	5.87	6.5
SR13	8/30/2017 4:15	28.47	70.4	5.75	8.0	SR13	8/30/2017 10:15	27.51	102.5	8.21	6.1	SR13	8/30/2017 16:15	28.47	88.0	6.33	4.4	SR13	8/30/2017 22:15	29.35	77.3	5.90	6.5
SR13	8/30/2017 4:20	28.48	70.8	5.78	6.1	SR13	8/30/2017 10:20	27.53	103.2	8.26	5.9	SR13	8/30/2017 16:20	28.47	87.8	6.32	4.4	SR13	8/30/2017 22:20	29.38	77.2	5.89	6.3
SR13	8/30/2017 4:25	28.46	71.2	5.82	5.7	SR13	8/30/2017 10:25	27.51	103.1	8.20	5.9	SR13	8/30/2017 16:25	28.50	87.6	6.30	4.4	SR13	8/30/2017 22:25	29.38	77.1	5.86	6.2
SR13	8/30/2017 4:30	28.54	71.4	5.83	6.3	SR13	8/30/2017 10:30	27.60	102.2	8.12	5.8	SR13	8/30/2017 16:30	28.47	87.4	6.29	4.5	SR13	8/30/2017 22:30	29.39	77.1	5.90	6.4
SR13	8/30/2017 4:35	28.48	71.0	5.80	6.0	SR13	8/30/2017 10:35	27.66	101.8	8.02	5.7	SR13	8/30/2017 16:35	28.46	87.3	6.26	4.3	SR13	8/30/2017 22:35	29.39	77.0	5.86	6.3
SR13	8/30/2017 4:40	28.54	71.3	5.82	5.8	SR13	8/30/2017 10:40	27.67	102.0	8.00	5.6	SR13	8/30/2017 16:40	28.50	87.1	6.24	4.6	SR13	8/30/2017 22:40	29.40	76.8	5.88	6.1
SR13	8/30/2017 4:45	28.49	70.5	5.76	5.8	SR13	8/30/2017 10:45	27.72	102.0	7.97	6.4	SR13	8/30/2017 16:45	28.51	86.9	6.25	4.1	SR13	8/30/2017 22:45	29.39	76.8	5.88	6.3
SR13	8/30/2017 4:50	28.44	70.8	5.79	5.8	SR13	8/30/2017 10:50	27.72	101.7	7.96	5.8	SR13	8/30/2017 16:50	28.50	86.7	6.23	7.7	SR13	8/30/2017 22:50	29.41	76.6	5.88	6.7
SR13	8/30/2017 4:55	28.48	71.2	5.82	6.1	SR13	8/30/2017 10:55	27.74	101.6	7.87	6.1	SR13	8/30/2017 16:55	28.48	86.5	6.18	4.3	SR13	8/30/2017 22:55	29.40	76.6	5.86	6.6
SR13	8/30/2017 5:00	28.49	71.6	5.85	6.1	SR13	8/30/2017 11:00	27.77	101.6	7.89	5.8	SR13	8/30/2017 17:00	28.49	86.3	6.16	4.4	SR13	8/30/2017 23:00	29.43	76.5	5.84	6.8
SR13	8/30/2017 5:05	28.48	72.2	5.90	6.6	SR13	8/30/2017 11:05	27.81	101.6	7.83	6.0	SR13	8/30/2017 17:05	28.49	86.2	6.15	4.1	SR13	8/30/2017 23:05	29.44	76.5	5.87	6.7
SR13	8/30/2017 5:10	28.42	70.9	5.80	6.2	SR13	8/30/2017 11:10	27.81	101.7	7.85	5.6	SR13	8/30/2017 17:10	28.49	86.1	6.14	4.4	SR13	8/30/2017 23:10	29.40	76.4	5.87	6.9
SR13	8/30/2017 5:15	28.40	71.2	5.83	6.0	SR13	8/30/2017 11:15	27.84	101.7	7.81	6.4	SR13	8/30/2017 17:15	28.53	85.9	6.13	4.5	SR13	8/30/2017 23:15	29.41	76.3	5.89	6.8
SR13	8/30/2017 5:20	28.38	71.5	5.85	6.1	SR13	8/30/2017 11:20	27.85	101.7	7.80	5.6	SR13	8/30/2017 17:20	28.50	85.8	6.09	4.3	SR13	8/30/2017 23:20	29.46	76.2	5.88	6.9
SR13	8/30/2017 5:25	28.31	71.5	5.86	6.2	SR13	8/30/2017 11:25	27.92	101.7	7.76	5.6	SR13	8/30/2017 17:25	28.53	85.7	6.11	4.3	SR13	8/30/2017 23:25	29.44	76.0	5.88	6.8
SR13	8/30/2017 5:30	28.30	71.6	5.87	8.5	SR13	8/30/2017 11:30	27.93	101.8	7.75	5.4	SR13	8/30/2017 17:30	28.49	85.7	6.11	4.3	SR13	8/30/2017 23:30	29.48	75.9	5.89	6.8
SR13	8/30/2017 5:35	28.33	71.5	5.85	6.5	SR13	8/30/2017 11:35	27.95	101.9	7.75	6.0	SR13	8/30/2017 17:35	28.54	85.5	6.11	4.3	SR13	8/30/2017 23:35	29.45	75.8	5.85	6.7
SR13	8/30/2017 5:40	28.33	71.4	5.85	6.6	SR13	8/30/2017 11:40	27.92	102.0	7.75	5.4	SR13	8/30/2017 17:40	28.50	85.5	6.09	4.2	SR13	8/30/2017 23:40	29.48	75.8	5.88	6.6
SR13	8/30/2017 5:45	28.31	71.3	5.84	6.3	SR13	8/30/2017 11:45	27.97	102.2	7.76	5.2	SR13	8/30/2017 17:45	28.54	85.5	6.06	5.0	SR13	8/30/2017 23:45	29.47	75.7	5.88	6.9
SR13	8/30/2017 5:50	28.30	71.0	5.82	6.4	SR13	8/30/2017 11:50	27.97	102.3	7.74	5.3	SR13	8/30/2017 17:50	28.56	85.4	6.07	4.3	SR13	8/30/2017 23:50	29.50	75.6	5.86	6.9
SR13	8/30/2017 5:55	28.25	71.5	5.87	6.4	SR13	8/30/2017 11:55	27.96	102.5	7.75	5.2	SR13	8/30/2017 17:55	28.55	85.4	6.04	4.5	SR13	8/30/2017 23:55	29.51	75.6	5.89	6.7

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	8/30/2017 0:17	0.09				SR12	8/30/2017 0:17	0.13			
SR4	8/30/2017 0:37	0.11				SR12	8/30/2017 0:37	0.12			
SR4	8/30/2017 0:57	0.08				SR12	8/30/2017 0:57	0.10			
SR4	8/30/2017 1:17	0.09				SR12	8/30/2017 1:17	0.09			
SR4	8/30/2017 1:37	0.09				SR12	8/30/2017 1:37	0.11			
SR4	8/30/2017 1:57	0.11				SR12	8/30/2017 1:57	0.12			
SR4	8/30/2017 2:17	0.07				SR12	8/30/2017 2:17	0.09			
SR4	8/30/2017 2:37	0.09				SR12	8/30/2017 2:37	0.09			
SR4	8/30/2017 2:57	0.10				SR12	8/30/2017 2:57	0.06			
SR4	8/30/2017 3:17	0.09				SR12	8/30/2017 3:17	0.07			
SR4	8/30/2017 3:37	0.07				SR12	8/30/2017 3:37	0.06			
SR4	8/30/2017 3:57	0.10				SR12	8/30/2017 3:57	0.08			
SR4	8/30/2017 4:17	0.08				SR12	8/30/2017 4:17	0.10			
SR4	8/30/2017 4:37	0.07				SR12	8/30/2017 4:37	0.09			
SR4	8/30/2017 4:57	0.08				SR12	8/30/2017 4:57	0.09			
SR4	8/30/2017 5:17	0.08				SR12	8/30/2017 5:17	0.10			
SR4	8/30/2017 5:37	0.07				SR12	8/30/2017 5:37	0.09			
SR4	8/30/2017 5:57	0.06				SR12	8/30/2017 5:57	0.10			
SR4						SR12					
SR4	8/30/2017 6:37	0.05				SR12	8/30/2017 6:37	0.07			
SR4	8/30/2017 6:57	0.04				SR12	8/30/2017 6:57	0.07			
SR4	8/30/2017 7:17	0.06				SR12	8/30/2017 7:17	0.10			
SR4	8/30/2017 7:37	0.05				SR12	8/30/2017 7:37	0.09			
SR4	8/30/2017 7:57	0.03				SR12	8/30/2017 7:57	0.06			
SR4	8/30/2017 8:17	0.02				SR12	8/30/2017 8:17	0.08			
SR4	8/30/2017 8:37	0.05				SR12	8/30/2017 8:37	0.06			
SR4	8/30/2017 8:57	0.03				SR12	8/30/2017 8:57	0.09			
SR4	8/30/2017 9:17	0.06				SR12	8/30/2017 9:17	0.06			
SR4	8/30/2017 9:37	0.03				SR12	8/30/2017 9:37	0.06			
SR4	8/30/2017 9:57	0.06				SR12					
SR4	8/30/2017 10:17	0.03				SR12					
SR4	8/30/2017 10:37	0.04				SR12					
SR4	8/30/2017 10:57	0.05				SR12					
SR4	8/30/2017 11:17	0.03				SR12					
SR4	8/30/2017 11:37	0.06				SR12	8/30/2017 11:37	0.08			
SR4	8/30/2017 11:57	0.05				SR12	8/30/2017 11:57	0.08			
SR4						SR12	8/30/2017 12:17	0.06			
SR4						SR12	8/30/2017 12:37	0.08			
SR4						SR12	8/30/2017 12:57	0.04			
SR4						SR12	8/30/2017 13:17	0.05			
SR4						SR12	8/30/2017 13:37	0.05			
SR4	8/30/2017 13:57	0.05				SR12	8/30/2017 13:57	0.06			
SR4	8/30/2017 14:17	0.04				SR12	8/30/2017 14:17	0.06			
SR4	8/30/2017 14:37	0.04				SR12	8/30/2017 14:37	0.06			
SR4	8/30/2017 14:57	0.05				SR12	8/30/2017 14:57	0.08			
SR4	8/30/2017 15:17	0.02				SR12	8/30/2017 15:17	0.04			
SR4	8/30/2017 15:37	0.04				SR12	8/30/2017 15:37	0.06			
SR4	8/30/2017 15:57	0.06				SR12	8/30/2017 15:57	0.07			
SR4	8/30/2017 16:17	0.02				SR12	8/30/2017 16:17	0.04			
SR4	8/30/2017 16:37	0.06				SR12	8/30/2017 16:37	0.04			
SR4	8/30/2017 16:57	0.05				SR12	8/30/2017 16:57	0.08			
SR4	8/30/2017 17:17	0.05				SR12	8/30/2017 17:17	0.05			
SR4	8/30/2017 17:37	0.02				SR12	8/30/2017 17:37	0.08			
SR4	8/30/2017 17:57	0.06				SR12	8/30/2017 17:57	0.04			
SR4	8/30/2017 18:17	0.04				SR12	8/30/2017 18:17	0.08			
SR4	8/30/2017 18:37	0.05				SR12	8/30/2017 18:37	0.08			
SR4	8/30/2017 18:57	0.06				SR12	8/30/2017 18:57	0.05			
SR4	8/30/2017 19:17	0.06				SR12	8/30/2017 19:17	0.04			
SR4	8/30/2017 19:37	0.03				SR12	8/30/2017 19:37	0.06			
SR4	8/30/2017 19:57	0.04				SR12	8/30/2017 19:57	0.08			
SR4	8/30/2017 20:17	0.06				SR12	8/30/2017 20:17	0.08			
SR4	8/30/2017 20:37	0.03				SR12	8/30/2017 20:37	0.04			
SR4	8/30/2017 20:57	0.05				SR12	8/30/2017 20:57	0.06			
SR4	8/30/2017 21:17	0.05				SR12	8/30/2017 21:17	0.07			
SR4	8/30/2017 21:37	0.06				SR12	8/30/2017 21:37	0.06			
SR4	8/30/2017 21:57	0.03				SR12	8/30/2017 21:57	0.05			
SR4	8/30/2017 22:17	0.02				SR12	8/30/2017 22:17	0.06			
SR4	8/30/2017 22:37	0.03				SR12	8/30/2017 22:37	0.07			
SR4	8/30/2017 22:57	0.05				SR12	8/30/2017 22:57	0.07			
SR4	8/30/2017 23:17	0.04				SR12	8/30/2017 23:17	0.08			
SR4	8/30/2017 23:37	0.06				SR12	8/30/2017 23:37	0.07			
SR4	8/30/2017 23:57	0.05				SR12	8/30/2017 23:57	0.04			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.
SR4 monitoring station was under maintenance during 12:11-13:21.
SR12 monitoring station was under maintenance during 9:51-11:01.

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR4	8/31/2017 0:01	29.41	78.3	6.14	3.9	SR4	8/31/2017 6:01	30.37	76.2	5.91	4.2	SR4	8/31/2017 12:01	29.98	85.6	6.57	4.7	SR4	8/31/2017 18:01	29.15	82.4	6.37	4.5
SR4	8/31/2017 0:06	29.44	78.3	6.13	3.9	SR4	8/31/2017 6:06	30.41	75.8	5.86	3.6	SR4	8/31/2017 12:06	29.89	85.7	6.57	5.3	SR4	8/31/2017 18:06	29.14	82.3	6.40	3.8
SR4	8/31/2017 0:11	29.43	78.3	6.12	3.8	SR4	8/31/2017 6:11	30.41	76.2	5.89	3.6	SR4	8/31/2017 12:11	29.91	85.7	6.58	4.9	SR4	8/31/2017 18:11	29.10	82.2	6.38	3.9
SR4	8/31/2017 0:16	29.44	78.2	6.14	4.1	SR4	8/31/2017 6:16	30.41	76.5	5.93	3.7	SR4	8/31/2017 12:16	29.94	85.8	6.58	4.0	SR4	8/31/2017 18:16	29.08	82.2	6.38	9.8
SR4	8/31/2017 0:21	29.45	78.1	6.13	4.0	SR4	8/31/2017 6:21	30.43	76.3	5.92	3.9	SR4	8/31/2017 12:21	29.95	85.9	6.60	3.8	SR4	8/31/2017 18:21	29.08	82.1	6.38	4.1
SR4	8/31/2017 0:26	29.46	78.0	6.12	3.9	SR4	8/31/2017 6:26	30.45	76.3	5.90	3.5	SR4	8/31/2017 12:26	29.94	85.9	6.59	4.4	SR4	8/31/2017 18:26	29.08	82.1	6.37	3.9
SR4	8/31/2017 0:31	29.47	78.0	6.12	3.8	SR4	8/31/2017 6:31	30.46	76.7	5.92	3.5	SR4	8/31/2017 12:31	29.83	86.0	6.58	4.3	SR4	8/31/2017 18:31	29.04	82.0	6.40	3.7
SR4	8/31/2017 0:36	29.45	77.9	6.12	3.9	SR4	8/31/2017 6:36	30.44	76.9	5.96	3.5	SR4	8/31/2017 12:36	29.81	85.9	6.56	3.9	SR4	8/31/2017 18:36	29.04	81.9	6.37	4.2
SR4	8/31/2017 0:41	29.50	77.8	6.10	4.0	SR4	8/31/2017 6:41	30.44	77.2	5.98	3.5	SR4	8/31/2017 12:41	29.92	85.9	6.58	6.5	SR4	8/31/2017 18:41	29.04	81.8	6.38	4.5
SR4	8/31/2017 0:46	29.49	77.6	6.12	4.1	SR4	8/31/2017 6:46	30.47	77.5	6.01	4.2	SR4	8/31/2017 12:46	29.85	85.9	6.59	3.6	SR4	8/31/2017 18:46	29.04	81.8	6.37	4.1
SR4	8/31/2017 0:51	29.51	77.5	6.08	4.1	SR4	8/31/2017 6:51	30.46	76.9	5.96	3.7	SR4	8/31/2017 12:51	29.75	86.0	6.59	4.9	SR4	8/31/2017 18:51	29.01	81.7	6.38	3.9
SR4	8/31/2017 0:56	29.49	77.4	6.07	4.1	SR4	8/31/2017 6:56	30.42	76.9	5.95	3.5	SR4	8/31/2017 12:56	29.76	86.0	6.60	4.7	SR4	8/31/2017 18:56	28.99	81.7	6.39	3.5
SR4	8/31/2017 1:01	29.51	77.3	6.07	5.1	SR4	8/31/2017 7:01	30.44	76.8	5.94	3.6	SR4	8/31/2017 13:01	29.78	85.9	6.61	4.9	SR4	8/31/2017 19:01	28.99	81.6	6.39	3.9
SR4	8/31/2017 1:06	29.51	77.1	6.08	4.0	SR4	8/31/2017 7:06	30.41	76.8	5.95	4.1	SR4	8/31/2017 13:06	29.84	85.9	6.58	4.1	SR4	8/31/2017 19:06	28.99	81.6	6.37	3.6
SR4	8/31/2017 1:11	29.53	77.0	6.07	3.9	SR4	8/31/2017 7:11	30.55	77.4	5.99	4.0	SR4	8/31/2017 13:11	29.81	85.9	6.58	5.4	SR4	8/31/2017 19:11	29.00	81.6	6.37	4.9
SR4	8/31/2017 1:16	29.52	76.9	6.07	4.2	SR4	8/31/2017 7:16	30.42	77.1	5.96	3.8	SR4	8/31/2017 13:16	29.72	85.9	6.59	4.1	SR4	8/31/2017 19:16	28.97	81.5	6.37	4.3
SR4	8/31/2017 1:21	29.53	76.8	6.05	3.9	SR4	8/31/2017 7:21	30.44	77.6	6.01	3.7	SR4	8/31/2017 13:21	29.69	85.9	6.57	3.8	SR4	8/31/2017 19:21	28.96	81.5	6.38	4.1
SR4	8/31/2017 1:26	29.51	76.7	6.03	4.1	SR4	8/31/2017 7:26	30.55	77.9	6.03	4.3	SR4	8/31/2017 13:26	29.78	85.8	6.59	4.4	SR4	8/31/2017 19:26	28.97	81.4	6.35	4.0
SR4	8/31/2017 1:31	29.54	76.7	6.05	4.4	SR4	8/31/2017 7:31	30.45	78.9	6.10	3.7	SR4	8/31/2017 13:31	29.74	85.7	6.59	4.3	SR4	8/31/2017 19:31	28.94	81.4	6.36	3.9
SR4	8/31/2017 1:36	29.54	76.6	6.03	3.4	SR4	8/31/2017 7:36	30.36	79.3	6.14	4.0	SR4	8/31/2017 13:36	29.77	85.7	6.59	4.1	SR4	8/31/2017 19:36	28.94	81.3	6.37	4.1
SR4	8/31/2017 1:41	29.57	76.5	6.02	4.2	SR4	8/31/2017 7:41	30.41	80.0	6.19	4.0	SR4	8/31/2017 13:41	29.72	85.6	6.55	4.1	SR4	8/31/2017 19:41	28.96	81.3	6.37	3.8
SR4	8/31/2017 1:46	29.56	76.5	6.04	8.9	SR4	8/31/2017 7:46	30.45	81.0	6.27	3.9	SR4	8/31/2017 13:46	29.64	85.6	6.57	4.0	SR4	8/31/2017 19:46	28.92	81.3	6.37	8.2
SR4	8/31/2017 1:51	29.56	76.4	6.02	4.3	SR4	8/31/2017 7:51	30.37	81.5	6.31	4.2	SR4	8/31/2017 13:51	29.77	85.6	6.57	3.9	SR4	8/31/2017 19:51	28.94	81.2	6.34	3.4
SR4	8/31/2017 1:56	29.60	76.3	6.04	4.0	SR4	8/31/2017 7:56	30.47	80.6	6.24	4.4	SR4	8/31/2017 13:56	29.62	85.6	6.60	3.8	SR4	8/31/2017 19:56	28.93	81.2	6.34	3.5
SR4	8/31/2017 2:01	29.59	76.2	6.00	4.0	SR4	8/31/2017 8:01	30.48	80.6	6.24	4.0	SR4	8/31/2017 14:01	29.71	85.6	6.57	4.2	SR4	8/31/2017 20:01	28.92	81.1	6.37	3.7
SR4	8/31/2017 2:06	29.61	76.2	6.04	4.3	SR4	8/31/2017 8:06	30.52	80.8	6.25	4.3	SR4	8/31/2017 14:06	29.73	85.6	6.59	4.0	SR4	8/31/2017 20:06	28.93	81.1	6.37	3.6
SR4	8/31/2017 2:11	29.61	76.1	6.00	4.0	SR4	8/31/2017 8:11	30.48	81.1	6.27	3.9	SR4	8/31/2017 14:11	29.76	85.6	6.61	3.7	SR4	8/31/2017 20:11	28.92	81.1	6.33	3.5
SR4	8/31/2017 2:16	29.61	76.1	6.02	4.0	SR4	8/31/2017 8:16	30.50	81.6	6.30	4.3	SR4	8/31/2017 14:16	29.78	85.6	6.64	4.7	SR4	8/31/2017 20:16	28.92	81.1	6.34	3.5
SR4	8/31/2017 2:21	29.61	76.0	6.01	4.2	SR4	8/31/2017 8:21	30.55	81.9	6.32	4.3	SR4	8/31/2017 14:21	29.76	85.6	6.63	4.1	SR4	8/31/2017 20:21	28.92	81.1	6.36	3.6
SR4	8/31/2017 2:26	29.60	75.9	5.99	4.1	SR4	8/31/2017 8:26	30.37	82.4	6.37	3.2	SR4	8/31/2017 14:26	29.79	85.6	6.61	4.8	SR4	8/31/2017 20:26	28.89	79.8	6.27	3.6
SR4	8/31/2017 2:31	29.62	75.9	6.01	3.9	SR4	8/31/2017 8:31	30.52	82.9	6.40	4.1	SR4	8/31/2017 14:31	29.79	85.7	6.62	4.0	SR4	8/31/2017 20:31	28.91	81.2	6.37	3.5
SR4	8/31/2017 2:36	29.63	75.9	6.03	4.3	SR4	8/31/2017 8:36	30.29	81.7	6.29	4.6	SR4	8/31/2017 14:36	29.80	85.6	6.64	3.7	SR4	8/31/2017 20:36	28.94	80.7	6.34	3.6
SR4	8/31/2017 2:41	29.64	75.9	6.03	3.8	SR4	8/31/2017 8:41	30.48	81.3	6.26	4.7	SR4	8/31/2017 14:41	29.78	85.7	6.65	3.7	SR4	8/31/2017 20:41	28.94	80.8	6.39	3.5
SR4	8/31/2017 2:46	29.64	75.8	6.02	4.4	SR4	8/31/2017 8:46	30.55	81.4	6.29	4.7	SR4	8/31/2017 14:46	29.82	85.7	6.66	3.9	SR4	8/31/2017 20:46	28.93	80.9	6.35	3.6
SR4	8/31/2017 2:51	29.63	75.7	6.00	3.8	SR4	8/31/2017 8:51	30.54	81.9	6.32	4.4	SR4	8/31/2017 14:51	29.82	85.7	6.68	4.4	SR4	8/31/2017 20:51	28.98	80.7	6.39	3.6
SR4	8/31/2017 2:56	29.65	75.7	6.01	4.9	SR4	8/31/2017 8:56	30.16	81.8	6.32	4.4	SR4	8/31/2017 14:56	29.79	85.7	6.67	4.0	SR4	8/31/2017 20:56	28.95	80.9	6.38	3.5
SR4	8/31/2017 3:01	29.68	75.7	6.01	3.8	SR4	8/31/2017 9:01	30.56	82.3	6.35	4.3	SR4	8/31/2017 15:01	29.82	85.7	6.68	3.8	SR4	8/31/2017 21:01	28.96	81.0	6.42	3.6
SR4	8/31/2017 3:06	29.66	75.6	6.01	4.3	SR4	8/31/2017 9:06	30.55	82.6	6.38	4.3	SR4	8/31/2017 15:06	29.83	85.7	6.69	5.4	SR4	8/31/2017 21:06	28.98	80.9	6.40	3.8
SR4	8/31/2017 3:11	29.69	75.6	6.00	3.6	SR4	8/31/2017 9:11	30.48	82.4	6.37	6.9	SR4	8/31/2017 15:11	29.82	85.7	6.68	4.2	SR4	8/31/2017 21:11	28.99	81.0	6.42	3.6
SR4	8/31/2017 3:16	29.71	75.6	6.01	4.0	SR4	8/31/2017 9:16	30.40	82.9	6.40	4.6	SR4	8/31/2017 15:16	29.84	85.7	6.69	4.6	SR4	8/31/2017 21:16	28.96	80.9	6.39	3.4
SR4	8/31/2017 3:21	29.70	75.5	6.00	3.7	SR4	8/31/2017 9:21	30.45	83.1	6.41	4.9	SR4	8/31/2017 15:21	29.83	85.7	6.66	5.1	SR4	8/31/2017 21:21	28.98	80.9	6.39	3.3
SR4	8/31/2017 3:26	29.70	75.4	6.01	4.1	SR4	8/31/2017 9:26	30.51	83.5	6.46	4.4	SR4	8/31/2017 15:26	29.83	85.7	6.68	4.1	SR4	8/31/2017 21:26	29.00	81.0	6.45	3.4
SR4	8/31/2017 3:31	29.72	75.4	5.98	4.1	SR4	8/31/2017 9:31	30.34	82.6	6.39	4.1	SR4	8/31/2017 15:31	29.82	85.7	6.71	4.5	SR4	8/31/2017 21:31	29.01	80.8	6.43	3.4
SR4	8/31/2017 3:36	29.74	75.3	5.98	4.1	SR4	8/31/2017 9:36	30.49	83.8	6.47	5.1	SR4	8/31/2017 15:36	29.83	85.7	6.71	3.7	SR4	8/31/2017 21:36	29.00	80.8	6.40	3.3
SR4	8/31/2017 3:41	29.72	75.2	5.99	3.9	SR4	8/31/2017 9:41	30.43	83.6	6.46	3.9	SR4	8/31/2017 15:41	29.82	85.7	6.69	3.9	SR4	8/31/2017 21:41	28.86	80.4	6.31	3.4
SR4	8/31/2017 3:46	29.75	75.2	5.98	4.0	SR4	8/31/2017 9:46	30.44	83.5	6.46	5.7	SR4	8/31/2017 15:46	29.84	85.7	6.71	6.0	SR4	8/31/2017 21:46	28.87	81.2	6.36	3.5
SR4	8/31/2017 3:51	29.76	75.1	5.96	3.7	SR4	8/31/2017 9:51	30.55	83.1	6.41	5.1	SR4	8/31/2017 15:51	29.79	85.7	6.70	4.3	SR4	8/31/2017 21:51	28.82	79.3	6.21	3.2
SR4	8/31/2017 3:56	29.74	75.0	5.97	4.3	SR4	8/31/2017 9:56	30.51	83.0	6.42	3.5	SR4	8/31/2017 15:56	29.81	85.8	6.73	4.2	SR4	8/31/2017 21:56	28.85	79.3	6.22	3.4
SR4	8/31/2017 4:01	29.75	75.0	5.96	3.8	SR4	8/31/2017 10:01	30.13	83.1	6.40	4.7	SR4	8/31/2017 16:01	29.79	85.7	6.70	3.9	SR4	8/31/2017 22:01	28.87	79.3	6.21	3.7
SR4	8/31/2017 4:06	29.86	74.0	5.80	3.9	SR4	8/31/2017 10:06	30.47	83.0	6.41	4.5	SR4	8/31/2017 16:06	29.78	85.7	6.70	4.0	SR4	8/31/2017 22:06	28.79	80.2	6.29	3.4
SR4	8/31/2017 4:11	29.88	73.8	5.78	3.9	SR4	8/31/2017 10:11	30.36	83.5	6.44	4.4	SR4	8/31/2017 16:11	29.81	85.7	6.69	5.1	SR4	8/31/2017 22:11	28.77	81.0	6.36	3.5
SR4	8/31/2017 4:16	29.91	74.0	5.79	3.7	SR4	8/31/2017 10:16	30.51	83.5	6.45	5.0	SR4	8/31/2017 16:16	29.81	85.8	6.69	4.2	SR4	8/31/2017 22:16	28.77	79.4	6.23	3.5
SR4	8/31/2017 4:21	29.94	74.1	5.79	3.6	SR4	8/31/2017 10:21	30.30	83.6	6.45	4.7	SR4	8/31/2017 16:21	29.78	85.8	6.73	4.5	SR4	8/31/2017 22:21	28.84	79.5	6.24	3.7
SR4	8/31/2017 4:26	29.95	74.0	5.80	3.6	SR4	8/31/2017 10:26	30.29	83.8	6.45	3.6	SR4	8/31/2017 16:26	29.78	85.7	6.68	5.2	SR4	8/31/2017 22:26	28.82	80.7	6.33	3.6
SR4	8/31/2017 4:31	29.96	74.1	5.79	3.6	SR4	8/31/2017 10:31	30.29	83.9	6.45	4.6	SR4	8/31/2017 16:31	29.80	85.7	6.69	**15.1**	SR4	8/31/2017 22:31	28.79	79.3	6.23	3.5
SR4	8/31/2017 4:36	29.99	74.1	5.79	4.2	SR4	8/31/2017 10:36	30.25	84.0	6.48	**14.6**	SR4	8/31/2017 16:36	29.75	85.7	6.71	4.1	SR4	8/31/2017 22:36	28.77	78.9	6.20	3.6
SR4	8/31/2017 4:41	30.03	74.1	5.78	3.9	SR4	8/31/2017 10:41	30.26	84.2	6.49	3.4	SR4	8/31/2017 16:41	29.77	85.6	6.70	4.2	SR4	8/31/2017 22:41	28.78	79.6	6.25	3.6
SR4	8/31/2017 4:46	30.04	74.7	5.83	3.9	SR4	8/31/2017 10:46	30.18	84.3	6.49	4.3	SR4	8/31/2017 16:46	29.27	84.5	6.51	4.0	SR4	8/31/2017 22:46	28.79	78.8	6.18	3.6
SR4	8/31/2017 4:51	30.04	74.4	5.80	4.3	SR4	8/31/2017 10:51	30.17	84.4	6.48	4.3	SR4	8/31/2017 16:51	29.26	84.3	6.48	4.3	SR4	8/31/2017 22:51	28.81	80.7	6.34	3.6
SR4	8/31/2017 4:56	30.04	75.0	5.84	4.2	SR4	8/31/2017 10:56	30.23	84.5	6.47	3.8	SR4	8/31/2017 16:56	29.27	84.1	6.46	4.5	SR4	8/31/2017 22:56	28.79	78.4	6.17	3.5
SR4	8/31/2017 5:01	30.06	74.9	5.84	3.8	SR4	8/31/2017 11:01	30.13	84.6	6.51	3.8	SR4	8/31/2017 17:01	29.26	83.9	6.47	4.2	SR4	8/31/2017 23:01	28.82	79.5	6.24	3.6
SR4	8/31/2017 5:06	30.05	74.3	5.79	3.3	SR4	8/31/2017 11:06	30.18	84.7	6.54	**13.4**	SR4	8/31/2017 17:06	29.23	83.7	6.47	4.4	SR4	8/31/2017 23:06	28.80	79.6	6.25	3.6
SR4	8/31/2017 5:11	30.05	74.5	5.80	3.5	SR4	8/31/2017 11:11	30.17	84.8	6.51	4.2	SR4	8/31/2017 17:11	29.21	83.6	6.47	4.5	SR4	8/31/2017 23:11	28.75	78.7	6.17	3.6
SR4	8/31/2017 5:16	30.07	74.5	5.81	3.9	SR4	8/31/2017 11:16	30.18	84.9	6.53	4.7	SR4	8/31/2017 17:16	29.22	83.4	6.45	4.2	SR4	8/31/2017 23:16	28.80	80.3	6.31	3.5
SR4	8/31/2017 5:21	30.10	74.2	5.78	3.5	SR4	8/31/2017 11:21	30.14	85.0	6.53	3.6	SR4	8/31/2017 17:21	29.20	83.3	6.44	5.0	SR4	8/31/2017 23:21	28.81	80.1	6.28	3.5
SR4	8/31/2017 5:26	30.12	74.6	5.82	3.5	SR4	8/31/2017 11:26	30.05	85.1	6.55	4.6	SR4	8/31/2017 17:26	29.21	83.1	6.42	3.8	SR4	8/31/2017 23:26	28.73	79.7	6.26	3.6
SR4	8/31/2017 5:31	30.20	74.3	5.77	3.7	SR4	8/31/2017 11:31	30.11	85.2	6.54	3.4	SR4	8/31/2017 17:31	29.19	82.9	6.42	4.7	SR4	8/31/2017 23:31	28.79	78.6	6.16	3.5
SR4	8/31/2017 5:36	30.24	74.6	5.81	3.6	SR4	8/31/2017 11:36	29.96	85.3	6.54	3.8	SR4	8/31/2017 17:36	29.17	82.8	6.40	4.0	SR4	8/31/2017 23:36	28.72	78.3	6.14	3.8
SR4	8/31/2017 5:41	30.22	75.1	5.83	3.4	SR4	8/31/2017 11:41	29.91	85.4	6.56	4.6	SR4	8/31/2017 17:41	29.16	82.7	6.40	4.5	SR4	8/31/2017 23:41	28.78	79.3	6.23	3.5
SR4	8/31/2017 5:46	30.29	76.3	5.91	3.4	SR4	8/31/2017 11:46	29.91	85.4	6.56	4.0	SR4	8/31/2017 17:46	29.18	82.6	6.41	4.3	SR4	8/31/2017 23:46	28.76	79.9	6.28	3.4
SR4	8/31/2017 5:51	30.37	76.5	5.93	3.5	SR4	8/31/2017 11:51	29.90	85.5	6.58	4.4	SR4	8/31/2017 17:51	29.15	82.5	6.39	4.6	SR4	8/31/2017 23:51	28.75	79.6	6.26	3.5
SR4	8/31/2017 5:56	30.37	75.7	5.87	3.5	SR4	8/31/2017 11:56	30.00	85.6	6.57	3.5	SR4	8/31/2017 17:56	29.13	82.5	6.38	4.4	SR4	8/31/2017 23:56	28.81	80.1	6.29	3.6

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR5	8/31/2017 0:00	29.33	81.1	6.40	2.1	SR5	8/31/2017 6:00	30.06	76.2	6.08	2.1	SR5	8/31/2017 12:00	30.13	83.2	6.56	3.0	SR5	8/31/2017 18:00	29.64	84.0	6.58	2.7
SR5	8/31/2017 0:05	29.33	81.0	6.38	1.8	SR5	8/31/2017 6:05	30.12	76.1	6.03	1.6	SR5						SR5	8/31/2017 18:05	29.62	83.9	6.60	2.5
SR5	8/31/2017 0:10	29.32	80.9	6.38	2.1	SR5	8/31/2017 6:10	30.13	76.2	6.04	1.8	SR5						SR5	8/31/2017 18:10	29.59	83.8	6.58	2.5
SR5	8/31/2017 0:15	29.33	80.8	6.39	2.3	SR5	8/31/2017 6:15	30.12	76.3	6.07	1.7	SR5						SR5	8/31/2017 18:15	29.57	83.8	6.60	2.5
SR5	8/31/2017 0:20	29.34	80.8	6.40	2.1	SR5	8/31/2017 6:20	30.13	76.3	6.09	1.1	SR5	8/31/2017 12:20	30.20	83.6	6.61	2.8	SR5	8/31/2017 18:20	29.55	83.7	6.59	2.7
SR5	8/31/2017 0:25	29.35	80.7	6.36	2.0	SR5	8/31/2017 6:25	30.17	76.3	6.06	1.0	SR5	8/31/2017 12:25	30.20	83.7	6.59	2.6	SR5	8/31/2017 18:25	29.57	83.7	6.57	2.2
SR5	8/31/2017 0:30	29.38	80.5	6.36	2.2	SR5	8/31/2017 6:30	30.18	76.4	6.05	1.3	SR5	8/31/2017 12:30	30.01	83.7	6.59	2.6	SR5	8/31/2017 18:30	29.52	83.6	6.61	2.6
SR5	8/31/2017 0:35	29.36	80.5	6.39	1.8	SR5	8/31/2017 6:35	30.18	76.4	6.09	1.7	SR5	8/31/2017 12:35	29.96	83.8	6.58	2.5	SR5	8/31/2017 18:35	29.54	83.6	6.59	2.6
SR5	8/31/2017 0:40	29.41	80.4	6.36	1.6	SR5	8/31/2017 6:40	30.20	76.5	6.08	1.5	SR5	8/31/2017 12:40	30.20	83.9	6.60	2.6	SR5	8/31/2017 18:40	29.52	83.5	6.61	2.5
SR5	8/31/2017 0:45	29.37	80.3	6.38	1.6	SR5	8/31/2017 6:45	30.24	76.6	6.10	1.6	SR5	8/31/2017 12:45	30.08	84.0	6.61	2.6	SR5	8/31/2017 18:45	29.52	83.5	6.57	2.5
SR5	8/31/2017 0:50	29.43	80.2	6.33	2.0	SR5	8/31/2017 6:50	30.21	76.6	6.11	1.5	SR5	8/31/2017 12:50	29.90	84.0	6.60	2.6	SR5	8/31/2017 18:50	29.50	83.4	6.57	2.8
SR5	8/31/2017 0:55	29.41	80.1	6.35	1.7	SR5	8/31/2017 6:55	29.88	76.6	6.11	2.1	SR5	8/31/2017 12:55	29.96	84.1	6.60	2.7	SR5	8/31/2017 18:55	29.48	83.4	6.61	2.7
SR5	8/31/2017 1:00	29.40	80.0	6.35	1.8	SR5	8/31/2017 7:00	29.93	76.6	6.11	1.8	SR5	8/31/2017 13:00	30.01	84.1	6.64	2.6	SR5	8/31/2017 19:00	29.49	83.3	6.61	2.6
SR5	8/31/2017 1:05	29.42	79.9	6.34	3.6	SR5	8/31/2017 7:05	30.00	76.6	6.11	1.7	SR5	8/31/2017 13:05	30.14	84.2	6.63	2.5	SR5	8/31/2017 19:05	29.48	83.2	6.57	2.7
SR5	8/31/2017 1:10	29.43	79.8	6.32	1.9	SR5	8/31/2017 7:10	30.19	76.7	6.12	2.2	SR5	8/31/2017 13:10	30.11	84.2	6.61	2.6	SR5	8/31/2017 19:10	29.48	83.2	6.59	2.5
SR5	8/31/2017 1:15	29.45	79.6	6.33	2.0	SR5	8/31/2017 7:15	29.98	76.7	6.10	1.7	SR5	8/31/2017 13:15	29.98	84.3	6.65	2.5	SR5	8/31/2017 19:15	29.45	83.1	6.59	2.9
SR5	8/31/2017 1:20	29.45	79.6	6.31	1.7	SR5	8/31/2017 7:20	30.01	76.8	6.12	1.6	SR5	8/31/2017 13:20	29.91	84.3	6.62	2.5	SR5	8/31/2017 19:20	29.42	83.1	6.58	2.6
SR5	8/31/2017 1:25	29.43	79.4	6.30	2.2	SR5	8/31/2017 7:25	30.17	76.9	6.13	1.7	SR5	8/31/2017 13:25	30.14	84.4	6.66	2.7	SR5	8/31/2017 19:25	29.43	83.0	6.56	3.3
SR5	8/31/2017 1:30	29.48	79.3	6.30	1.7	SR5	8/31/2017 7:30	29.97	77.1	6.14	1.7	SR5	8/31/2017 13:30	30.09	84.4	6.64	2.6	SR5	8/31/2017 19:30	29.39	83.0	6.59	2.5
SR5	8/31/2017 1:35	29.46	79.3	6.29	2.3	SR5	8/31/2017 7:35	29.88	77.2	6.16	1.6	SR5	8/31/2017 13:35	30.13	84.4	6.66	2.6	SR5	8/31/2017 19:35	29.39	82.9	6.60	2.3
SR5	8/31/2017 1:40	29.51	79.2	6.29	2.2	SR5	8/31/2017 7:40	30.02	77.4	6.17	2.0	SR5	8/31/2017 13:40	30.12	84.5	6.62	2.4	SR5	8/31/2017 19:40	29.41	82.9	6.57	2.6
SR5	8/31/2017 1:45	29.50	79.1	6.31	2.0	SR5	8/31/2017 7:45	30.19	77.6	6.18	1.5	SR5	8/31/2017 13:45	29.93	84.5	6.62	2.9	SR5	8/31/2017 19:45	29.39	82.8	6.60	3.1
SR5	8/31/2017 1:50	29.51	79.0	6.28	1.6	SR5	8/31/2017 7:50	30.17	77.8	6.19	1.7	SR5	8/31/2017 13:50	30.21	84.5	6.64	2.4	SR5	8/31/2017 19:50	29.39	82.8	6.55	2.5
SR5	8/31/2017 1:55	29.54	78.9	6.30	1.7	SR5	8/31/2017 7:55	30.12	77.9	6.22	1.4	SR5	8/31/2017 13:55	29.97	84.6	6.67	2.4	SR5	8/31/2017 19:55	29.38	82.7	6.55	2.5
SR5	8/31/2017 2:00	29.55	78.8	6.26	1.9	SR5	8/31/2017 8:00	30.12	78.0	6.23	1.4	SR5	8/31/2017 14:00	30.15	84.6	6.62	2.5	SR5	8/31/2017 20:00	29.35	82.7	6.59	2.8
SR5	8/31/2017 2:05	29.55	78.8	6.29	1.7	SR5	8/31/2017 8:05	30.12	78.2	6.23	1.4	SR5	8/31/2017 14:05	29.94	84.6	6.63	2.3	SR5	8/31/2017 20:05	29.36	82.6	6.59	2.6
SR5	8/31/2017 2:10	29.54	78.6	6.26	1.9	SR5	8/31/2017 8:10	30.00	78.3	6.24	1.4	SR5	8/31/2017 14:10	30.22	84.7	6.65	2.5	SR5	8/31/2017 20:10	29.36	82.6	6.54	2.5
SR5	8/31/2017 2:15	29.58	78.6	6.27	7.7	SR5	8/31/2017 8:15	30.01	78.5	6.25	1.8	SR5	8/31/2017 14:15	30.20	84.7	6.68	2.4	SR5	8/31/2017 20:15	29.36	82.5	6.56	2.4
SR5	8/31/2017 2:20	29.56	78.5	6.25	1.9	SR5	8/31/2017 8:20	30.10	78.6	6.26	3.6	SR5	8/31/2017 14:20	30.22	84.7	6.68	2.4	SR5	8/31/2017 20:20	29.36	82.5	6.58	2.2
SR5	8/31/2017 2:25	29.55	78.4	6.23	2.0	SR5	8/31/2017 8:25	30.24	78.8	6.30	2.4	SR5	8/31/2017 14:25	30.19	84.8	6.65	2.3	SR5	8/31/2017 20:25	29.33	82.2	6.57	2.5
SR5	8/31/2017 2:30	29.56	78.4	6.23	1.9	SR5	8/31/2017 8:30	30.14	79.0	6.30	2.3	SR5	8/31/2017 14:30	30.16	84.8	6.68	2.4	SR5	8/31/2017 20:30	29.33	82.4	6.57	2.5
SR5	8/31/2017 2:35	29.56	78.3	6.27	1.9	SR5	8/31/2017 8:35	30.07	79.0	6.27	2.7	SR5	8/31/2017 14:35	30.16	84.8	6.66	2.5	SR5	8/31/2017 20:35	29.34	82.3	6.58	2.1
SR5	8/31/2017 2:40	29.60	78.2	6.27	2.0	SR5	8/31/2017 8:40	29.89	79.1	6.26	2.3	SR5	8/31/2017 14:40	30.16	84.8	6.66	2.6	SR5	8/31/2017 20:40	29.30	82.1	6.56	2.3
SR5	8/31/2017 2:45	29.57	78.1	6.27	1.8	SR5	8/31/2017 8:45	30.09	79.2	6.31	2.3	SR5	8/31/2017 14:45	30.14	84.9	6.65	2.9	SR5	8/31/2017 20:45	29.29	82.2	6.59	2.3
SR5	8/31/2017 2:50	29.57	78.1	6.25	1.7	SR5	8/31/2017 8:50	30.08	79.3	6.32	2.6	SR5	8/31/2017 14:50	30.12	84.9	6.64	3.0	SR5	8/31/2017 20:50	29.31	81.8	6.56	2.7
SR5	8/31/2017 2:55	29.60	78.0	6.24	2.5	SR5	8/31/2017 8:55	30.19	79.4	6.32	4.1	SR5	8/31/2017 14:55	30.08	84.9	6.66	2.9	SR5	8/31/2017 20:55	29.27	82.0	6.56	2.6
SR5	8/31/2017 3:00	29.61	77.9	6.25	1.7	SR5	8/31/2017 9:00	30.09	79.5	6.32	3.4	SR5	8/31/2017 15:00	30.11	84.9	6.63	2.9	SR5	8/31/2017 21:00	29.29	82.1	6.55	2.8
SR5	8/31/2017 3:05	29.62	77.9	6.26	2.1	SR5	8/31/2017 9:05	30.13	79.7	6.34	3.8	SR5	8/31/2017 15:05	30.05	84.9	6.66	2.8	SR5	8/31/2017 21:05	29.28	81.8	6.52	2.4
SR5	8/31/2017 3:10	29.64	77.8	6.25	1.8	SR5	8/31/2017 9:10	29.97	79.7	6.36	3.2	SR5	8/31/2017 15:10	30.05	84.9	6.64	2.9	SR5	8/31/2017 21:10	29.25	81.9	6.56	2.7
SR5	8/31/2017 3:15	29.66	77.7	6.25	1.6	SR5	8/31/2017 9:15	29.88	79.9	6.36	3.3	SR5	8/31/2017 15:15	30.02	85.0	6.66	3.0	SR5	8/31/2017 21:15	29.22	81.6	6.52	2.5
SR5	8/31/2017 3:20	29.67	77.6	6.26	1.6	SR5	8/31/2017 9:20	29.93	80.1	6.36	3.8	SR5	8/31/2017 15:20	30.03	85.0	6.65	3.0	SR5	8/31/2017 21:20	29.22	81.7	6.51	3.2
SR5	8/31/2017 3:25	29.64	77.6	6.27	1.7	SR5	8/31/2017 9:25	30.11	80.2	6.40	3.4	SR5	8/31/2017 15:25	29.98	85.0	6.63	2.7	SR5	8/31/2017 21:25	29.23	81.8	6.56	2.7
SR5	8/31/2017 3:30	29.65	77.5	6.23	1.6	SR5	8/31/2017 9:30	29.94	80.2	6.38	2.9	SR5	8/31/2017 15:30	30.00	85.0	6.63	3.3	SR5	8/31/2017 21:30	29.24	81.4	6.49	2.5
SR5	8/31/2017 3:35	29.70	77.4	6.24	1.5	SR5	8/31/2017 9:35	30.13	80.5	6.39	3.0	SR5	8/31/2017 15:35	29.95	85.0	6.65	3.0	SR5	8/31/2017 21:35	29.19	81.4	6.50	2.5
SR5	8/31/2017 3:40	29.67	77.3	6.23	1.7	SR5	8/31/2017 9:40	30.02	80.6	6.40	3.3	SR5	8/31/2017 15:40	29.95	85.0	6.65	3.1	SR5	8/31/2017 21:40	29.19	81.5	6.51	2.5
SR5	8/31/2017 3:45	29.71	77.3	6.24	1.7	SR5	8/31/2017 9:45	30.00	80.7	6.42	2.7	SR5	8/31/2017 15:45	29.93	85.1	6.62	3.1	SR5	8/31/2017 21:45	29.21	81.6	6.49	2.2
SR5	8/31/2017 3:50	29.71	77.2	6.21	2.0	SR5	8/31/2017 9:50	30.03	80.6	6.42	3.3	SR5	8/31/2017 15:50	29.91	85.1	6.66	3.1	SR5	8/31/2017 21:50	29.18	81.3	6.47	2.6
SR5	8/31/2017 3:55	29.69	77.2	6.23	1.9	SR5	8/31/2017 9:55	30.08	80.7	6.44	3.2	SR5	8/31/2017 15:55	29.92	85.1	6.68	2.8	SR5	8/31/2017 21:55	29.18	81.2	6.48	2.5
SR5	8/31/2017 4:00	29.71	77.1	6.21	1.8	SR5	8/31/2017 10:00	30.18	80.8	6.41	2.6	SR5	8/31/2017 16:00	29.89	85.1	6.66	2.6	SR5	8/31/2017 22:00	29.19	81.2	6.45	2.6
SR5	8/31/2017 4:05	29.75	76.8	6.18	1.8	SR5	8/31/2017 10:05	29.91	80.9	6.43	2.6	SR5	8/31/2017 16:05	29.90	85.1	6.68	3.0	SR5	8/31/2017 22:05	29.17	81.3	6.48	2.4
SR5	8/31/2017 4:10	29.75	76.8	6.15	1.9	SR5	8/31/2017 10:10	29.92	81.0	6.46	2.6	SR5	8/31/2017 16:10	29.88	85.1	6.64	2.7	SR5	8/31/2017 22:10	29.14	81.4	6.51	2.5
SR5	8/31/2017 4:15	29.76	76.7	6.14	2.1	SR5	8/31/2017 10:15	30.24	81.1	6.46	2.6	SR5	8/31/2017 16:15	29.84	85.1	6.64	2.6	SR5	8/31/2017 22:15	29.14	81.1	6.47	2.5
SR5	8/31/2017 4:20	29.78	76.6	6.13	1.9	SR5	8/31/2017 10:20	29.89	81.2	6.43	2.8	SR5	8/31/2017 16:20	29.82	85.1	6.66	3.4	SR5	8/31/2017 22:20	29.15	81.1	6.46	2.5
SR5	8/31/2017 4:25	29.80	76.5	6.15	1.7	SR5	8/31/2017 10:25	29.89	81.2	6.45	2.8	SR5	8/31/2017 16:25	29.85	85.1	6.63	2.5	SR5	8/31/2017 22:25	29.13	81.2	6.48	2.5
SR5	8/31/2017 4:30	29.78	76.4	6.11	1.7	SR5	8/31/2017 10:30	29.99	81.3	6.45	2.6	SR5	8/31/2017 16:30	29.83	85.1	6.68	2.6	SR5	8/31/2017 22:30	29.13	81.0	6.48	1.6
SR5	8/31/2017 4:35	29.79	76.4	6.12	1.9	SR5	8/31/2017 10:35	29.95	81.5	6.48	2.9	SR5	8/31/2017 16:35	29.78	85.1	6.64	2.6	SR5	8/31/2017 22:35	29.11	80.9	6.47	1.5
SR5	8/31/2017 4:40	29.85	76.3	6.10	1.5	SR5	8/31/2017 10:40	30.06	81.6	6.48	3.1	SR5	8/31/2017 16:40	29.81	85.0	6.64	2.6	SR5	8/31/2017 22:40	29.14	81.0	6.46	1.5
SR5	8/31/2017 4:45	29.84	76.3	6.12	1.6	SR5	8/31/2017 10:45	29.94	81.7	6.48	3.0	SR5	8/31/2017 16:45	29.78	85.0	6.64	2.7	SR5	8/31/2017 22:45	29.09	80.8	6.43	1.4
SR5	8/31/2017 4:50	29.83	76.2	6.09	1.4	SR5	8/31/2017 10:50	29.99	81.8	6.48	2.8	SR5	8/31/2017 16:50	29.75	84.9	6.62	2.5	SR5	8/31/2017 22:50	29.11	81.1	6.49	1.4
SR5	8/31/2017 4:55	29.84	76.2	6.09	1.2	SR5	8/31/2017 10:55	30.11	81.9	6.46	2.8	SR5	8/31/2017 16:55	29.78	84.9	6.62	2.6	SR5	8/31/2017 22:55	29.12	80.6	6.46	1.4
SR5	8/31/2017 5:00	29.88	76.2	6.09	1.4	SR5	8/31/2017 11:00	30.01	82.0	6.51	2.9	SR5	8/31/2017 17:00	29.75	84.8	6.62	2.5	SR5	8/31/2017 23:00	29.08	80.7	6.44	1.5
SR5	8/31/2017 5:05	29.87	76.1	6.08	2.7	SR5	8/31/2017 11:05	30.14	82.1	6.53	2.8	SR5	8/31/2017 17:05	29.73	84.8	6.63	2.5	SR5	8/31/2017 23:05	29.09	80.8	6.45	1.3
SR5	8/31/2017 5:10	29.87	76.1	6.06	1.6	SR5	8/31/2017 11:10	30.19	82.2	6.51	2.9	SR5	8/31/2017 17:10	29.70	84.7	6.65	2.8	SR5	8/31/2017 23:10	29.08	80.6	6.41	1.4
SR5	8/31/2017 5:15	29.92	76.1	6.07	1.1	SR5	8/31/2017 11:15	30.22	82.3	6.53	3.5	SR5	8/31/2017 17:15	29.71	84.6	6.63	2.5	SR5	8/31/2017 23:15	29.08	80.8	6.46	1.4
SR5	8/31/2017 5:20	29.90	76.0	6.06	1.1	SR5	8/31/2017 11:20	30.18	82.4	6.50	3.0	SR5	8/31/2017 17:20	29.70	84.6	6.62	2.6	SR5	8/31/2017 23:20	29.07	80.7	6.44	1.4
SR5	8/31/2017 5:25	29.94	76.0	6.09	1.2	SR5	8/31/2017 11:25	30.07	82.5	6.55	2.8	SR5	8/31/2017 17:25	29.71	84.5	6.60	2.8	SR5	8/31/2017 23:25	29.05	80.7	6.45	1.8
SR5	8/31/2017 5:30	29.96	75.9	6.04	1.1	SR5	8/31/2017 11:30	30.22	82.6	6.52	2.5	SR5	8/31/2017 17:30	29.69	84.4	6.60	2.8	SR5	8/31/2017 23:30	29.07	80.5	6.40	1.5
SR5	8/31/2017 5:35	29.99	75.9	6.07	1.2	SR5	8/31/2017 11:35	29.93	82.7	6.54	2.6	SR5	8/31/2017 17:35	29.68	84.3	6.59	2.9	SR5	8/31/2017 23:35	29.03	80.4	6.41	1.5
SR5	8/31/2017 5:40	29.98	75.9	6.04	0.9	SR5	8/31/2017 11:40	29.88	82.8	6.55	2.7	SR5	8/31/2017 17:40	29.64	84.2	6.59	3.1	SR5	8/31/2017 23:40	29.04	80.5	6.45	1.5
SR5	8/31/2017 5:45	30.02	76.1	6.05	1.4	SR5	8/31/2017 11:45	29.94	82.9	6.53	2.8	SR5	8/31/2017 17:45	29.67	84.2	6.62	2.4	SR5	8/31/2017 23:45	29.02	80.5	6.45	1.7
SR5	8/31/2017 5:50	30.04	76.2	6.06	1.4	SR5	8/31/2017 11:50	29.91	83.0	6.57	2.6	SR5	8/31/2017 17:50	29.66	84.1	6.58	2.5	SR5	8/31/2017 23:50	29.04	80.4	6.45	1.6
SR5	8/31/2017 5:55	30.08	76.1	6.05	1.7	SR5	8/31/2017 11:55	30.17	83.1	6.58	2.7	SR5	8/31/2017 17:55	29.63	84.0	6.58	2.8	SR5	8/31/2017 23:55	29.06	80.5	6.43	1.9

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR12	8/31/2017 0:01	29.41	78.3	6.14	1.2	SR12	8/31/2017 6:01	30.37	76.2	5.91	1.7	SR12	8/31/2017 12:01	29.98	85.6	6.57	7.5	SR12	8/31/2017 18:01	29.15	82.4	6.37	9.5
SR12	8/31/2017 0:06	29.44	78.3	6.13	1.1	SR12	8/31/2017 6:06	30.41	75.8	5.86	1.7	SR12	8/31/2017 12:06	29.89	85.7	6.57	4.1	SR12	8/31/2017 18:06	29.14	82.3	6.40	6.6
SR12	8/31/2017 0:11	29.43	78.3	6.12	1.0	SR12	8/31/2017 6:11	30.41	76.2	5.89	1.4	SR12	8/31/2017 12:11	29.91	85.7	6.58	7.3	SR12	8/31/2017 18:11	29.10	82.2	6.38	5.4
SR12	8/31/2017 0:16	29.44	78.2	6.14	1.2	SR12	8/31/2017 6:16	30.41	76.5	5.93	1.8	SR12	8/31/2017 12:16	29.94	85.8	6.58	7.9	SR12	8/31/2017 18:16	29.08	82.2	6.38	8.1
SR12	8/31/2017 0:21	29.45	78.1	6.13	1.3	SR12	8/31/2017 6:21	30.43	76.3	5.92	1.8	SR12	8/31/2017 12:21	29.95	85.9	6.60	9.1	SR12	8/31/2017 18:21	29.08	82.1	6.38	6.1
SR12	8/31/2017 0:26	29.46	78.0	6.12	1.3	SR12	8/31/2017 6:26	30.45	76.3	5.90	1.5	SR12	8/31/2017 12:26	29.94	85.9	6.59	4.7	SR12	8/31/2017 18:26	29.08	82.1	6.37	6.5
SR12	8/31/2017 0:31	29.47	78.0	6.12	1.4	SR12	8/31/2017 6:31	30.46	76.7	5.92	1.8	SR12	8/31/2017 12:31	29.83	86.0	6.58	6.7	SR12	8/31/2017 18:31	29.04	82.0	6.40	4.2
SR12	8/31/2017 0:36	29.45	77.9	6.12	1.2	SR12	8/31/2017 6:36	30.44	76.9	5.96	1.8	SR12	8/31/2017 12:36	29.81	85.9	6.56	5.7	SR12	8/31/2017 18:36	29.04	81.9	6.37	7.9
SR12	8/31/2017 0:41	29.50	77.8	6.10	1.0	SR12	8/31/2017 6:41	30.44	77.2	5.98	1.5	SR12	8/31/2017 12:41	29.92	85.9	6.58	4.3	SR12	8/31/2017 18:41	29.04	81.8	6.38	6.4
SR12	8/31/2017 0:46	29.49	77.6	6.12	1.2	SR12	8/31/2017 6:46	30.47	77.5	6.01	1.8	SR12	8/31/2017 12:46	29.85	85.9	6.59	8.0	SR12	8/31/2017 18:46	29.04	81.8	6.37	9.5
SR12	8/31/2017 0:51	29.51	77.5	6.08	1.2	SR12	8/31/2017 6:51	30.46	76.9	5.96	1.8	SR12	8/31/2017 12:51	29.75	86.0	6.59	7.6	SR12	8/31/2017 18:51	29.01	81.7	6.38	8.4
SR12	8/31/2017 0:56	29.49	77.4	6.07	1.1	SR12	8/31/2017 6:56	30.42	76.9	5.95	1.5	SR12	8/31/2017 12:56	29.76	86.0	6.60	4.5	SR12	8/31/2017 18:56	28.99	81.7	6.39	2.5
SR12	8/31/2017 1:01	29.51	77.3	6.07	1.2	SR12	8/31/2017 7:01	30.44	76.8	5.94	1.8	SR12	8/31/2017 13:01	29.78	85.9	6.61	5.9	SR12	8/31/2017 19:01	28.99	81.6	6.39	7.7
SR12	8/31/2017 1:06	29.51	77.1	6.08	1.3	SR12	8/31/2017 7:06	30.41	76.8	5.95	1.5	SR12	8/31/2017 13:06	29.84	85.9	6.58	3.0	SR12	8/31/2017 19:06	28.99	81.6	6.37	9.0
SR12	8/31/2017 1:11	29.53	77.0	6.07	0.9	SR12	8/31/2017 7:11	30.55	77.4	5.99	1.5	SR12	8/31/2017 13:11	29.81	85.9	6.58	6.1	SR12	8/31/2017 19:11	29.00	81.6	6.37	0.7
SR12	8/31/2017 1:16	29.52	76.9	6.07	1.4	SR12	8/31/2017 7:16	30.42	77.1	5.96	1.9	SR12	8/31/2017 13:16	29.72	85.9	6.59	**11.8**	SR12	8/31/2017 19:16	28.97	81.5	6.37	0.6
SR12	8/31/2017 1:21	29.53	76.8	6.05	1.2	SR12	8/31/2017 7:21	30.44	77.6	6.01	1.9	SR12	8/31/2017 13:21	29.69	85.9	6.57	7.7	SR12	8/31/2017 19:21	28.96	81.5	6.38	9.4
SR12	8/31/2017 1:26	29.51	76.7	6.03	1.4	SR12	8/31/2017 7:26	30.55	77.9	6.03	1.5	SR12	8/31/2017 13:26	29.78	85.8	6.59	7.5	SR12	8/31/2017 19:26	28.97	81.4	6.35	7.5
SR12	8/31/2017 1:31	29.54	76.7	6.05	1.2	SR12	8/31/2017 7:31	30.45	78.9	6.10	1.9	SR12	8/31/2017 13:31	29.74	85.7	6.59	7.8	SR12	8/31/2017 19:31	28.94	81.4	6.36	**14.6**
SR12	8/31/2017 1:36	29.54	76.6	6.03	1.1	SR12	8/31/2017 7:36	30.36	79.3	6.14	1.8	SR12	8/31/2017 13:36	29.77	85.7	6.59	6.3	SR12	8/31/2017 19:36	28.94	81.3	6.37	6.4
SR12	8/31/2017 1:41	29.57	76.5	6.02	1.0	SR12	8/31/2017 7:41	30.41	80.0	6.19	1.5	SR12	8/31/2017 13:41	29.72	85.6	6.55	9.5	SR12	8/31/2017 19:41	28.96	81.3	6.37	5.8
SR12	8/31/2017 1:46	29.56	76.5	6.04	1.2	SR12	8/31/2017 7:46	30.45	81.0	6.27	1.8	SR12	8/31/2017 13:46	29.64	85.6	6.57	9.2	SR12	8/31/2017 19:46	28.92	81.3	6.37	6.6
SR12	8/31/2017 1:51	29.56	76.4	6.02	1.1	SR12	8/31/2017 7:51	30.37	81.5	6.31	1.7	SR12	8/31/2017 13:51	29.77	85.6	6.57	5.7	SR12	8/31/2017 19:51	28.94	81.2	6.34	**10.0**
SR12	8/31/2017 1:56	29.60	76.3	6.04	0.8	SR12	8/31/2017 7:56	30.47	80.6	6.24	1.2	SR12	8/31/2017 13:56	29.62	85.6	6.60	6.5	SR12	8/31/2017 19:56	28.93	81.2	6.34	6.3
SR12	8/31/2017 2:01	29.59	76.2	6.00	1.3	SR12	8/31/2017 8:01	30.48	80.6	6.24	1.8	SR12	8/31/2017 14:01	29.71	85.6	6.57	**10.3**	SR12	8/31/2017 20:01	28.92	81.1	6.37	8.4
SR12	8/31/2017 2:06	29.61	76.2	6.04	1.2	SR12	8/31/2017 8:06	30.52	80.8	6.25	1.8	SR12	8/31/2017 14:06	29.65	85.6	6.58	**10.5**	SR12	8/31/2017 20:06	28.93	81.1	6.37	6.3
SR12	8/31/2017 2:11	29.61	76.1	6.00	1.0	SR12	8/31/2017 8:11	30.48	81.1	6.27	1.5	SR12	8/31/2017 14:11	29.74	85.6	6.60	8.8	SR12	8/31/2017 20:11	28.92	81.1	6.33	5.7
SR12	8/31/2017 2:16	29.61	76.1	6.02	1.2	SR12	8/31/2017 8:16	30.50	81.6	6.30	1.8	SR12	8/31/2017 14:16	29.73	85.7	6.61	7.8	SR12	8/31/2017 20:16	28.92	81.1	6.34	6.7
SR12	8/31/2017 2:21	29.61	76.0	6.01	1.5	SR12	8/31/2017 8:21	30.55	81.9	6.32	1.9	SR12	8/31/2017 14:21	29.72	85.7	6.60	**10.5**	SR12	8/31/2017 20:21	28.92	81.1	6.36	0.6
SR12	8/31/2017 2:26	29.60	75.9	5.99	1.1	SR12	8/31/2017 8:26	30.55	82.4	6.37	1.5	SR12	8/31/2017 14:26	29.71	85.7	6.60	7.5	SR12	8/31/2017 20:26	28.89	79.8	6.27	7.5
SR12	8/31/2017 2:31	29.62	75.9	6.01	1.3	SR12	8/31/2017 8:31	30.58	82.9	6.40	1.9	SR12	8/31/2017 14:31	29.71	85.7	6.60	6.5	SR12	8/31/2017 20:31	28.91	81.2	6.37	9.0
SR12	8/31/2017 2:36	29.63	75.9	6.03	1.3	SR12	8/31/2017 8:36	30.49	81.7	6.29	1.9	SR12	8/31/2017 14:36	29.71	85.6	6.60	4.2	SR12	8/31/2017 20:36	28.94	80.7	6.34	8.0
SR12	8/31/2017 2:41	29.64	75.9	6.03	1.5	SR12	8/31/2017 8:41	30.48	81.3	6.26	1.5	SR12	8/31/2017 14:41	29.69	85.6	6.60	7.5	SR12	8/31/2017 20:41	28.92	80.2	6.31	4.6
SR12	8/31/2017 2:46	29.64	75.8	6.02	1.9	SR12	8/31/2017 8:46	30.55	81.4	6.29	2.0	SR12	8/31/2017 14:46	29.69	85.6	6.60	**10.9**	SR12	8/31/2017 20:46	28.91	81.0	6.36	4.0
SR12	8/31/2017 2:51	29.63	75.7	6.00	1.8	SR12	8/31/2017 8:51	30.54	81.9	6.32	2.0	SR12	8/31/2017 14:51	29.67	85.6	6.60	7.4	SR12	8/31/2017 20:51	28.92	79.6	6.27	4.8
SR12	8/31/2017 2:56	29.65	75.7	6.01	1.3	SR12	8/31/2017 8:56	30.44	81.8	6.32	1.6	SR12	8/31/2017 14:56	29.66	85.6	6.61	6.9	SR12	8/31/2017 20:56	28.89	80.5	6.33	0.4
SR12	8/31/2017 3:01	29.68	75.7	6.01	1.8	SR12	8/31/2017 9:01	30.56	82.3	6.35	2.0	SR12	8/31/2017 15:01	29.66	85.6	6.59	**10.2**	SR12	8/31/2017 21:01	28.88	81.2	6.39	8.6
SR12	8/31/2017 3:06	29.66	75.6	6.01	1.7	SR12	8/31/2017 9:06	30.55	82.6	6.38	2.1	SR12	8/31/2017 15:06	29.64	85.6	6.60	6.1	SR12	8/31/2017 21:06	28.91	80.1	6.30	8.5
SR12	8/31/2017 3:11	29.69	75.6	6.00	1.5	SR12	8/31/2017 9:11	30.48	82.4	6.37	1.1	SR12	8/31/2017 15:11	29.62	85.6	6.59	6.5	SR12	8/31/2017 21:11	28.92	80.9	6.38	4.5
SR12	8/31/2017 3:16	29.71	75.6	6.01	1.7	SR12	8/31/2017 9:16	30.40	82.9	6.40	2.0	SR12	8/31/2017 15:16	29.63	85.6	6.60	5.2	SR12	8/31/2017 21:16	28.88	79.8	6.28	8.1
SR12	8/31/2017 3:21	29.70	75.5	6.00	1.4	SR12	8/31/2017 9:21	30.45	83.1	6.41	2.0	SR12	8/31/2017 15:21	29.62	85.6	6.59	6.6	SR12	8/31/2017 21:21	28.86	80.2	6.30	8.3
SR12	8/31/2017 3:26	29.70	75.4	6.01	1.5	SR12	8/31/2017 9:26	30.51	83.5	6.46	1.6	SR12	8/31/2017 15:26	29.59	85.6	6.59	6.5	SR12	8/31/2017 21:26	28.89	81.0	6.39	3.6
SR12	8/31/2017 3:31	29.72	75.4	5.98	1.7	SR12	8/31/2017 9:31	30.34	82.6	6.39	2.0	SR12	8/31/2017 15:31	29.59	85.6	6.59	7.2	SR12	8/31/2017 21:31	28.90	79.6	6.27	4.1
SR12	8/31/2017 3:36	29.74	75.3	5.98	1.7	SR12	8/31/2017 9:36	30.49	83.8	6.47	2.0	SR12	8/31/2017 15:36	29.57	85.6	6.60	4.1	SR12	8/31/2017 21:36	28.91	79.5	6.26	0.4
SR12	8/31/2017 3:41	29.72	75.2	5.99	1.4	SR12	8/31/2017 9:41	30.43	83.6	6.46	1.6	SR12	8/31/2017 15:41	29.57	85.5	6.59	3.7	SR12	8/31/2017 21:41	28.86	80.4	6.31	4.5
SR12	8/31/2017 3:46	29.75	75.2	5.98	1.7	SR12	8/31/2017 9:46	30.44	83.5	6.46	2.0	SR12	8/31/2017 15:46	29.56	85.5	6.59	5.0	SR12	8/31/2017 21:46	28.87	81.2	6.36	2.1
SR12	8/31/2017 3:51	29.76	75.1	5.96	1.7	SR12	8/31/2017 9:51	30.55	83.1	6.41	1.7	SR12	8/31/2017 15:51	29.53	85.5	6.61	5.7	SR12	8/31/2017 21:51	28.82	79.3	6.21	8.1
SR12	8/31/2017 3:56	29.74	75.0	5.97	1.4	SR12	8/31/2017 9:56	30.56	83.0	6.42	1.7	SR12	8/31/2017 15:56	29.54	85.5	6.62	6.4	SR12	8/31/2017 21:56	28.85	79.3	6.22	6.2
SR12	8/31/2017 4:01	29.75	75.0	5.96	1.8	SR12	8/31/2017 10:01	30.45	83.1	6.40	2.1	SR12	8/31/2017 16:01	29.52	85.5	6.59	5.1	SR12	8/31/2017 22:01	28.87	79.3	6.21	5.3
SR12	8/31/2017 4:06	29.86	74.0	5.80	1.7	SR12	8/31/2017 10:06	30.47	83.0	6.41	1.7	SR12	8/31/2017 16:06	29.52	85.5	6.61	7.3	SR12	8/31/2017 22:06	28.79	80.2	6.29	6.4
SR12	8/31/2017 4:11	29.88	73.8	5.78	1.5	SR12	8/31/2017 10:11	30.36	83.5	6.44	1.4	SR12	8/31/2017 16:11	29.51	85.4	6.59	5.0	SR12	8/31/2017 22:11	28.77	81.0	6.36	4.9
SR12	8/31/2017 4:16	29.91	74.0	5.79	1.5	SR12	8/31/2017 10:16	30.51	83.5	6.45	1.8	SR12	8/31/2017 16:16	29.49	85.5	6.59	7.3	SR12	8/31/2017 22:16	28.77	79.4	6.23	5.5
SR12	8/31/2017 4:21	29.94	74.1	5.79	1.7	SR12	8/31/2017 10:21	30.30	83.6	6.45	2.0	SR12	8/31/2017 16:21	29.47	85.5	6.62	7.0	SR12	8/31/2017 22:21	28.84	79.5	6.24	6.6
SR12	8/31/2017 4:26	29.95	74.0	5.80	1.4	SR12	8/31/2017 10:26	30.29	83.8	6.45	1.7	SR12	8/31/2017 16:26	29.48	85.5	6.58	4.5	SR12	8/31/2017 22:26	28.82	80.7	6.33	4.9
SR12	8/31/2017 4:31	29.96	74.1	5.79	1.7	SR12	8/31/2017 10:31	30.29	83.9	6.45	2.0	SR12	8/31/2017 16:31	29.48	85.5	6.61	**10.8**	SR12	8/31/2017 22:31	28.79	79.3	6.23	7.9
SR12	8/31/2017 4:36	29.99	74.1	5.79	1.5	SR12	8/31/2017 10:36	30.25	84.0	6.48	2.0	SR12	8/31/2017 16:36	29.44	85.0	6.58	8.1	SR12	8/31/2017 22:36	28.77	78.9	6.20	6.7
SR12	8/31/2017 4:41	30.03	74.1	5.78	1.4	SR12	8/31/2017 10:41	30.26	84.2	6.49	1.6	SR12	8/31/2017 16:41	29.46	84.9	6.58	**10.2**	SR12	8/31/2017 22:41	28.78	79.6	6.25	4.7
SR12	8/31/2017 4:46	30.04	74.7	5.83	1.7	SR12	8/31/2017 10:46	30.18	84.3	6.49	2.0	SR12	8/31/2017 16:46	29.27	84.5	6.51	**10.6**	SR12	8/31/2017 22:46	28.79	78.8	6.18	6.5
SR12	8/31/2017 4:51	30.04	74.4	5.80	1.7	SR12	8/31/2017 10:51	30.17	84.4	6.48	2.0	SR12	8/31/2017 16:51	29.26	84.3	6.48	**10.6**	SR12	8/31/2017 22:51	28.81	80.7	6.34	6.6
SR12	8/31/2017 4:56	30.04	75.0	5.84	1.5	SR12	8/31/2017 10:56	30.23	84.5	6.47	1.6	SR12	8/31/2017 16:56	29.27	84.1	6.46	8.3	SR12	8/31/2017 22:56	28.79	78.4	6.17	4.8
SR12	8/31/2017 5:01	30.06	74.9	5.84	1.7	SR12	8/31/2017 11:01	30.13	84.6	6.51	2.0	SR12	8/31/2017 17:01	29.26	83.9	6.47	**10.1**	SR12	8/31/2017 23:01	28.82	79.5	6.24	7.3
SR12	8/31/2017 5:06	30.05	74.3	5.79	1.7	SR12	8/31/2017 11:06	30.18	84.7	6.54	2.0	SR12	8/31/2017 17:06	29.23	83.7	6.47	9.5	SR12	8/31/2017 23:06	28.80	79.6	6.25	3.6
SR12	8/31/2017 5:11	30.05	74.5	5.80	1.4	SR12	8/31/2017 11:11	30.17	84.8	6.51	1.6	SR12	8/31/2017 17:11	29.21	83.6	6.47	5.2	SR12	8/31/2017 23:11	28.75	78.7	6.17	5.1
SR12	8/31/2017 5:16	30.07	74.5	5.81	1.8	SR12	8/31/2017 11:16	30.18	84.9	6.53	1.8	SR12	8/31/2017 17:16	29.22	83.4	6.45	9.7	SR12	8/31/2017 23:16	28.80	80.3	6.31	6.1
SR12	8/31/2017 5:21	30.10	74.2	5.78	1.7	SR12	8/31/2017 11:21	30.14	85.0	6.53	3.9	SR12	8/31/2017 17:21	29.20	83.3	6.44	7.3	SR12	8/31/2017 23:21	28.81	80.1	6.28	3.7
SR12	8/31/2017 5:26	30.12	74.6	5.82	1.5	SR12	8/31/2017 11:26	30.05	85.1	6.55	3.3	SR12	8/31/2017 17:26	29.21	83.1	6.42	8.1	SR12	8/31/2017 23:26	28.73	79.7	6.26	3.8
SR12	8/31/2017 5:31	30.20	74.3	5.77	1.8	SR12	8/31/2017 11:31	30.11	85.2	6.54	**23.4**	SR12	8/31/2017 17:31	29.19	82.9	6.42	6.6	SR12	8/31/2017 23:31	28.79	78.6	6.16	0.4
SR12	8/31/2017 5:36	30.24	74.6	5.81	1.7	SR12	8/31/2017 11:36	29.96	85.3	6.54	**22.6**	SR12	8/31/2017 17:36	29.17	82.8	6.40	8.7	SR12	8/31/2017 23:36	28.72	78.3	6.14	7.0
SR12	8/31/2017 5:41	30.22	75.1	5.83	1.5	SR12	8/31/2017 11:41	29.91	85.4	6.56	**15.8**	SR12	8/31/2017 17:41	29.16	82.7	6.40	7.7	SR12	8/31/2017 23:41	28.78	79.3	6.23	5.2
SR12	8/31/2017 5:46	30.29	76.3	5.91	1.7	SR12	8/31/2017 11:46	29.91	85.4	6.56	4.5	SR12	8/31/2017 17:46	29.18	82.6	6.41	8.5	SR12	8/31/2017 23:46	28.76	79.9	6.28	7.5
SR12	8/31/2017 5:51	30.37	76.5	5.93	1.7	SR12	8/31/2017 11:51	29.90	85.5	6.58	4.2	SR12	8/31/2017 17:51	29.15	82.5	6.39	8.9	SR12	8/31/2017 23:51	28.75	79.6	6.26	7.9
SR12	8/31/2017 5:56	30.37	75.7	5.87	1.4	SR12	8/31/2017 11:56	30.00	85.6	6.57	3.3	SR12	8/31/2017 17:56	29.13	82.5	6.38	6.5	SR12	8/31/2017 23:56	28.81	80.1	6.29	5.7

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR13	8/31/2017 0:00	29.49	75.6	5.88	6.7	SR13	8/31/2017 6:00	30.67	76.2	5.74	6.5	SR13	8/31/2017 12:00	29.82	88.0	6.58	6.1	SR13	8/31/2017 18:00	28.65	80.8	6.15	6.0
SR13	8/31/2017 0:05	29.54	75.6	5.88	6.6	SR13	8/31/2017 6:05	30.69	75.5	5.68	6.5	SR13	8/31/2017 12:05	29.77	88.0	6.54	6.2	SR13	8/31/2017 18:05	28.65	80.7	6.20	5.5
SR13	8/31/2017 0:10	29.54	75.6	5.86	6.8	SR13	8/31/2017 6:10	30.69	76.1	5.73	6.6	SR13	8/31/2017 12:10	29.76	88.1	6.58	6.2	SR13	8/31/2017 18:10	28.60	80.6	6.17	5.6
SR13	8/31/2017 0:15	29.54	75.6	5.89	6.6	SR13	8/31/2017 6:15	30.69	76.7	5.78	6.5	SR13	8/31/2017 12:15	29.73	88.0	6.54	6.2	SR13	8/31/2017 18:15	28.58	80.6	6.15	5.6
SR13	8/31/2017 0:20	29.56	75.5	5.86	6.7	SR13	8/31/2017 6:20	30.73	76.4	5.75	6.7	SR13	8/31/2017 12:20	29.69	88.2	6.58	6.1	SR13	8/31/2017 18:20	28.61	80.5	6.17	5.8
SR13	8/31/2017 0:25	29.57	75.4	5.88	6.7	SR13	8/31/2017 6:25	30.72	76.2	5.74	6.8	SR13	8/31/2017 12:25	29.67	88.2	6.59	6.2	SR13	8/31/2017 18:25	28.58	80.4	6.17	5.9
SR13	8/31/2017 0:30	29.55	75.4	5.88	6.7	SR13	8/31/2017 6:30	30.73	76.9	5.79	6.6	SR13	8/31/2017 12:30	29.64	88.2	6.57	6.2	SR13	8/31/2017 18:30	28.56	80.3	6.19	5.7
SR13	8/31/2017 0:35	29.54	75.3	5.84	6.6	SR13	8/31/2017 6:35	30.70	77.3	5.82	6.5	SR13	8/31/2017 12:35	29.65	88.0	6.54	6.2	SR13	8/31/2017 18:35	28.54	80.2	6.14	6.0
SR13	8/31/2017 0:40	29.59	75.1	5.83	6.6	SR13	8/31/2017 6:40	30.68	77.9	5.87	6.2	SR13	8/31/2017 12:40	29.64	88.0	6.55	6.1	SR13	8/31/2017 18:40	28.55	80.2	6.14	6.3
SR13	8/31/2017 0:45	29.60	75.0	5.85	6.6	SR13	8/31/2017 6:45	30.69	78.5	5.91	6.2	SR13	8/31/2017 12:45	29.62	87.9	6.57	6.2	SR13	8/31/2017 18:45	28.55	80.1	6.17	6.3
SR13	8/31/2017 0:50	29.59	74.9	5.82	6.7	SR13	8/31/2017 6:50	30.70	77.2	5.81	6.2	SR13	8/31/2017 12:50	29.59	87.9	6.57	6.1	SR13	8/31/2017 18:50	28.52	80.1	6.18	6.2
SR13	8/31/2017 0:55	29.56	74.6	5.79	6.6	SR13	8/31/2017 6:55	30.95	77.2	5.79	6.2	SR13	8/31/2017 12:55	29.56	88.0	6.59	6.0	SR13	8/31/2017 18:55	28.50	80.1	6.17	6.1
SR13	8/31/2017 1:00	29.61	74.5	5.78	6.7	SR13	8/31/2017 7:00	30.95	76.9	5.77	6.1	SR13	8/31/2017 13:00	29.55	87.7	6.58	6.1	SR13	8/31/2017 19:00	28.49	80.0	6.16	6.2
SR13	8/31/2017 1:05	29.59	74.4	5.82	6.6	SR13	8/31/2017 7:05	30.81	76.9	5.78	6.2	SR13	8/31/2017 13:05	29.54	87.6	6.53	5.8	SR13	8/31/2017 19:05	28.50	80.0	6.17	6.0
SR13	8/31/2017 1:10	29.63	74.3	5.82	6.4	SR13	8/31/2017 7:10	30.91	78.0	5.85	6.2	SR13	8/31/2017 13:10	29.51	87.5	6.55	5.9	SR13	8/31/2017 19:10	28.51	80.0	6.15	6.0
SR13	8/31/2017 1:15	29.59	74.2	5.80	6.6	SR13	8/31/2017 7:15	30.85	77.5	5.82	6.2	SR13	8/31/2017 13:15	29.46	87.5	6.53	6.4	SR13	8/31/2017 19:15	28.49	79.9	6.14	6.0
SR13	8/31/2017 1:20	29.60	74.1	5.78	6.6	SR13	8/31/2017 7:20	30.87	78.4	5.89	6.2	SR13	8/31/2017 13:20	29.46	87.4	6.51	6.6	SR13	8/31/2017 19:20	28.49	79.9	6.17	5.9
SR13	8/31/2017 1:25	29.59	74.0	5.76	6.6	SR13	8/31/2017 7:25	30.92	78.8	5.92	6.1	SR13	8/31/2017 13:25	29.42	87.3	6.51	6.0	SR13	8/31/2017 19:25	28.50	79.9	6.13	5.9
SR13	8/31/2017 1:30	29.59	74.0	5.79	6.8	SR13	8/31/2017 7:30	30.92	80.8	6.06	6.1	SR13	8/31/2017 13:30	29.38	87.1	6.53	5.9	SR13	8/31/2017 19:30	28.48	79.8	6.12	5.9
SR13	8/31/2017 1:35	29.61	74.0	5.76	6.6	SR13	8/31/2017 7:35	30.84	81.5	6.12	6.2	SR13	8/31/2017 13:35	29.40	86.9	6.51	6.0	SR13	8/31/2017 19:35	28.48	79.8	6.13	6.1
SR13	8/31/2017 1:40	29.63	73.9	5.75	6.7	SR13	8/31/2017 7:40	30.80	82.6	6.21	6.1	SR13	8/31/2017 13:40	29.32	86.8	6.48	6.0	SR13	8/31/2017 19:40	28.50	79.7	6.16	5.8
SR13	8/31/2017 1:45	29.62	73.9	5.76	6.7	SR13	8/31/2017 7:45	30.70	84.4	6.35	6.1	SR13	8/31/2017 13:45	29.34	86.7	6.51	6.1	SR13	8/31/2017 19:45	28.45	79.7	6.14	5.9
SR13	8/31/2017 1:50	29.61	73.8	5.76	6.6	SR13	8/31/2017 7:50	30.57	85.1	6.42	6.2	SR13	8/31/2017 13:50	29.33	86.6	6.49	6.0	SR13	8/31/2017 19:50	28.48	79.7	6.13	5.8
SR13	8/31/2017 1:55	29.65	73.7	5.77	6.6	SR13	8/31/2017 7:55	30.82	83.3	6.26	6.1	SR13	8/31/2017 13:55	29.27	86.6	6.52	6.1	SR13	8/31/2017 19:55	28.47	79.7	6.12	5.8
SR13	8/31/2017 2:00	29.63	73.7	5.74	7.3	SR13	8/31/2017 8:00	30.83	83.1	6.24	6.1	SR13	8/31/2017 14:00	29.26	86.6	6.51	6.0	SR13	8/31/2017 20:00	28.49	79.6	6.15	5.8
SR13	8/31/2017 2:05	29.66	73.6	5.78	7.1	SR13	8/31/2017 8:05	30.91	83.5	6.26	6.2	SR13	8/31/2017 14:05	29.27	86.6	6.52	6.0	SR13	8/31/2017 20:05	28.49	79.6	6.14	5.7
SR13	8/31/2017 2:10	29.67	73.7	5.74	7.1	SR13	8/31/2017 8:10	30.95	84.0	6.30	6.1	SR13	8/31/2017 14:10	29.24	86.7	6.54	5.8	SR13	8/31/2017 20:10	28.47	79.7	6.12	5.6
SR13	8/31/2017 2:15	29.64	73.6	5.76	7.2	SR13	8/31/2017 8:15	30.98	84.7	6.35	6.1	SR13	8/31/2017 14:15	29.22	86.7	6.51	6.1	SR13	8/31/2017 20:15	28.47	79.6	6.12	5.8
SR13	8/31/2017 2:20	29.66	73.6	5.77	7.0	SR13	8/31/2017 8:20	31.00	85.1	6.37	6.1	SR13	8/31/2017 14:20	29.19	86.6	6.49	6.1	SR13	8/31/2017 20:20	28.48	79.7	6.14	5.9
SR13	8/31/2017 2:25	29.64	73.4	5.74	7.1	SR13	8/31/2017 8:25	31.05	85.9	6.43	6.0	SR13	8/31/2017 14:25	29.16	86.6	6.53	6.1	SR13	8/31/2017 20:25	28.44	77.4	5.96	6.0
SR13	8/31/2017 2:30	29.68	73.5	5.78	6.6	SR13	8/31/2017 8:30	31.08	86.7	6.49	6.0	SR13	8/31/2017 14:30	29.18	86.6	6.50	6.7	SR13	8/31/2017 20:30	28.49	80.1	6.17	6.0
SR13	8/31/2017 2:35	29.70	73.6	5.78	6.6	SR13	8/31/2017 8:35	31.10	84.3	6.31	6.0	SR13	8/31/2017 14:35	29.17	86.5	6.49	6.7	SR13	8/31/2017 20:35	28.53	79.2	6.10	5.9
SR13	8/31/2017 2:40	29.67	73.5	5.79	6.8	SR13	8/31/2017 8:40	31.06	83.5	6.25	6.1	SR13	8/31/2017 14:40	29.12	86.3	6.50	6.5	SR13	8/31/2017 20:40	28.53	77.8	5.99	6.0
SR13	8/31/2017 2:45	29.70	73.5	5.76	6.7	SR13	8/31/2017 8:45	31.01	83.6	6.26	6.1	SR13	8/31/2017 14:45	29.10	86.3	6.48	6.3	SR13	8/31/2017 20:45	28.50	79.8	6.15	5.9
SR13	8/31/2017 2:50	29.68	73.4	5.74	6.7	SR13	8/31/2017 8:50	31.00	84.4	6.32	6.3	SR13	8/31/2017 14:50	29.06	86.2	6.48	5.7	SR13	8/31/2017 20:50	28.47	76.2	5.87	6.0
SR13	8/31/2017 2:55	29.69	73.5	5.78	6.4	SR13	8/31/2017 8:55	30.96	84.2	6.32	6.3	SR13	8/31/2017 14:55	29.10	86.2	6.50	5.7	SR13	8/31/2017 20:55	28.46	78.5	6.05	5.9
SR13	8/31/2017 3:00	29.74	73.4	5.76	6.6	SR13	8/31/2017 9:00	31.02	85.1	6.37	6.3	SR13	8/31/2017 15:00	29.04	86.2	6.46	5.8	SR13	8/31/2017 21:00	28.39	80.6	6.21	6.0
SR13	8/31/2017 3:05	29.70	73.4	5.76	6.5	SR13	8/31/2017 9:05	30.97	85.5	6.41	6.3	SR13	8/31/2017 15:05	29.03	86.1	6.46	5.7	SR13	8/31/2017 21:05	28.47	77.6	5.98	6.0
SR13	8/31/2017 3:10	29.73	73.5	5.75	6.6	SR13	8/31/2017 9:10	30.98	85.1	6.38	6.2	SR13	8/31/2017 15:10	29.00	86.1	6.45	5.7	SR13	8/31/2017 21:10	28.51	79.8	6.15	6.0
SR13	8/31/2017 3:15	29.76	73.5	5.76	6.3	SR13	8/31/2017 9:15	30.91	85.8	6.44	6.2	SR13	8/31/2017 15:15	29.02	86.1	6.46	5.9	SR13	8/31/2017 21:15	28.45	76.8	5.92	5.9
SR13	8/31/2017 3:20	29.73	73.4	5.74	6.5	SR13	8/31/2017 9:20	30.96	86.2	6.46	6.2	SR13	8/31/2017 15:20	29.00	86.0	6.45	5.8	SR13	8/31/2017 21:20	28.39	78.0	6.01	6.0
SR13	8/31/2017 3:25	29.76	73.3	5.75	6.4	SR13	8/31/2017 9:25	30.90	86.8	6.52	6.2	SR13	8/31/2017 15:25	28.96	85.9	6.45	5.8	SR13	8/31/2017 21:25	28.44	80.1	6.17	5.9
SR13	8/31/2017 3:30	29.79	73.2	5.72	6.5	SR13	8/31/2017 9:30	30.74	84.9	6.39	6.2	SR13	8/31/2017 15:30	28.94	86.0	6.43	6.0	SR13	8/31/2017 21:30	28.46	76.5	5.89	5.9
SR13	8/31/2017 3:35	29.77	73.2	5.72	6.5	SR13	8/31/2017 9:35	30.85	87.1	6.54	6.2	SR13	8/31/2017 15:35	28.93	85.9	6.45	5.9	SR13	8/31/2017 21:35	28.55	76.3	5.88	6.0
SR13	8/31/2017 3:40	29.76	73.1	5.75	6.5	SR13	8/31/2017 9:40	30.83	86.6	6.51	6.1	SR13	8/31/2017 15:40	28.94	85.8	6.44	6.0	SR13	8/31/2017 21:40	28.52	79.2	6.10	5.9
SR13	8/31/2017 3:45	29.78	73.0	5.72	6.2	SR13	8/31/2017 9:45	30.87	86.4	6.49	6.1	SR13	8/31/2017 15:45	28.91	85.7	6.44	5.9	SR13	8/31/2017 21:45	28.53	80.7	6.22	5.9
SR13	8/31/2017 3:50	29.81	73.0	5.71	6.5	SR13	8/31/2017 9:50	31.07	85.5	6.40	6.1	SR13	8/31/2017 15:50	28.88	85.7	6.46	5.9	SR13	8/31/2017 21:50	28.45	77.2	5.95	5.8
SR13	8/31/2017 3:55	29.79	72.9	5.71	6.3	SR13	8/31/2017 9:55	31.09	85.4	6.39	6.0	SR13	8/31/2017 15:55	28.89	85.6	6.46	6.0	SR13	8/31/2017 21:55	28.51	77.4	5.96	5.9
SR13	8/31/2017 4:00	29.79	72.9	5.71	6.6	SR13	8/31/2017 10:00	31.05	85.4	6.39	5.9	SR13	8/31/2017 16:00	28.88	85.6	6.41	5.8	SR13	8/31/2017 22:00	28.55	77.4	5.96	5.9
SR13	8/31/2017 4:05	29.97	71.1	5.42	6.6	SR13	8/31/2017 10:05	31.02	85.2	6.38	5.8	SR13	8/31/2017 16:05	28.88	85.5	6.46	5.8	SR13	8/31/2017 22:05	28.41	79.1	6.09	5.8
SR13	8/31/2017 4:10	30.00	70.9	5.40	6.9	SR13	8/31/2017 10:10	30.80	86.0	6.41	6.0	SR13	8/31/2017 16:10	28.85	85.5	6.43	5.7	SR13	8/31/2017 22:10	28.39	80.6	6.21	5.7
SR13	8/31/2017 4:15	30.06	71.3	5.43	6.6	SR13	8/31/2017 10:15	30.77	86.0	6.43	5.9	SR13	8/31/2017 16:15	28.83	85.5	6.45	5.8	SR13	8/31/2017 22:15	28.39	77.8	5.99	5.8
SR13	8/31/2017 4:20	30.10	71.6	5.45	6.6	SR13	8/31/2017 10:20	30.71	86.1	6.46	6.0	SR13	8/31/2017 16:20	28.82	85.5	6.46	5.7	SR13	8/31/2017 22:20	28.52	78.0	6.01	5.9
SR13	8/31/2017 4:25	30.10	71.5	5.44	6.6	SR13	8/31/2017 10:25	30.69	86.3	6.45	6.2	SR13	8/31/2017 16:25	28.82	85.5	6.42	5.7	SR13	8/31/2017 22:25	28.50	80.2	6.18	5.8
SR13	8/31/2017 4:30	30.13	71.8	5.46	6.5	SR13	8/31/2017 10:30	30.59	86.4	6.44	6.1	SR13	8/31/2017 16:30	28.82	85.6	6.46	5.7	SR13	8/31/2017 22:30	28.45	77.5	5.97	5.7
SR13	8/31/2017 4:35	30.18	71.8	5.45	6.7	SR13	8/31/2017 10:35	30.55	86.6	6.47	6.0	SR13	8/31/2017 16:35	28.78	84.3	6.39	5.8	SR13	8/31/2017 22:35	28.42	76.8	5.92	5.6
SR13	8/31/2017 4:40	30.21	71.9	5.46	7.2	SR13	8/31/2017 10:40	30.46	86.7	6.49	5.7	SR13	8/31/2017 16:40	28.81	84.2	6.39	5.9	SR13	8/31/2017 22:40	28.42	78.3	6.03	5.6
SR13	8/31/2017 4:45	30.24	73.0	5.54	6.3	SR13	8/31/2017 10:45	30.42	86.8	6.50	5.9	SR13	8/31/2017 16:45	28.76	84.0	6.37	5.8	SR13	8/31/2017 22:45	28.48	76.8	5.92	5.7
SR13	8/31/2017 4:50	30.24	72.5	5.50	6.3	SR13	8/31/2017 10:50	30.35	87.0	6.48	6.2	SR13	8/31/2017 16:50	28.76	83.7	6.33	5.7	SR13	8/31/2017 22:50	28.51	80.4	6.19	5.6
SR13	8/31/2017 4:55	30.24	73.7	5.59	6.4	SR13	8/31/2017 10:55	30.34	87.1	6.48	6.2	SR13	8/31/2017 16:55	28.75	83.3	6.29	5.7	SR13	8/31/2017 22:55	28.45	76.2	5.87	5.5
SR13	8/31/2017 5:00	30.23	73.6	5.59	6.2	SR13	8/31/2017 11:00	30.24	87.2	6.51	6.5	SR13	8/31/2017 17:00	28.77	82.9	6.31	5.6	SR13	8/31/2017 23:00	28.55	78.3	6.03	5.4
SR13	8/31/2017 5:05	30.22	72.4	5.50	6.5	SR13	8/31/2017 11:05	30.21	87.3	6.54	6.1	SR13	8/31/2017 17:05	28.73	82.7	6.30	5.7	SR13	8/31/2017 23:05	28.51	78.4	6.04	5.4
SR13	8/31/2017 5:10	30.22	72.9	5.54	6.4	SR13	8/31/2017 11:10	30.15	87.4	6.50	6.0	SR13	8/31/2017 17:10	28.72	82.5	6.29	5.7	SR13	8/31/2017 23:10	28.41	76.8	5.92	5.5
SR13	8/31/2017 5:15	30.22	73.0	5.54	6.4	SR13	8/31/2017 11:15	30.13	87.5	6.52	5.9	SR13	8/31/2017 17:15	28.72	82.2	6.27	5.7	SR13	8/31/2017 23:15	28.52	79.8	6.15	5.6
SR13	8/31/2017 5:20	30.29	72.5	5.50	6.5	SR13	8/31/2017 11:20	30.10	87.6	6.55	5.8	SR13	8/31/2017 17:20	28.69	81.9	6.26	5.8	SR13	8/31/2017 23:20	28.54	79.4	6.12	5.6
SR13	8/31/2017 5:25	30.29	73.2	5.55	6.4	SR13	8/31/2017 11:25	30.02	87.7	6.54	5.9	SR13	8/31/2017 17:25	28.70	81.7	6.23	5.7	SR13	8/31/2017 23:25	28.41	78.8	6.07	5.6
SR13	8/31/2017 5:30	30.44	72.8	5.50	6.5	SR13	8/31/2017 11:30	29.99	87.8	6.56	6.1	SR13	8/31/2017 17:30	28.69	81.5	6.23	5.8	SR13	8/31/2017 23:30	28.51	76.7	5.91	5.5
SR13	8/31/2017 5:35	30.48	73.4	5.55	6.4	SR13	8/31/2017 11:35	29.98	87.8	6.53	6.1	SR13	8/31/2017 17:35	28.66	81.3	6.20	5.9	SR13	8/31/2017 23:35	28.40	76.2	5.87	5.7
SR13	8/31/2017 5:40	30.46	74.2	5.61	6.2	SR13	8/31/2017 11:40	29.93	87.9	6.57	6.2	SR13	8/31/2017 17:40	28.68	81.2	6.20	5.8	SR13	8/31/2017 23:40	28.52	78.0	6.01	5.7
SR13	8/31/2017 5:45	30.56	76.4	5.77	6.2	SR13	8/31/2017 11:45	29.88	88.0	6.58	6.1	SR13	8/31/2017 17:45	28.68	81.0	6.19	6.0	SR13	8/31/2017 23:45	28.50	79.3	6.11	5.8
SR13	8/31/2017 5:50	30.69	76.8	5.79	6.6	SR13	8/31/2017 11:50	29.88	88.0	6.58	6.2	SR13	8/31/2017 17:50	28.63	81.0	6.19	6.0	SR13	8/31/2017 23:50	28.46	78.7	6.06	5.8
SR13	8/31/2017 5:55	30.66	75.4	5.68	6.5	SR13	8/31/2017 11:55	29.83	88.1	6.56	6.1	SR13	8/31/2017 17:55	28.63	80.9	6.18	6.7	SR13	8/31/2017 23:55	28.55	79.7	6.14	5.7

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	8/31/2017 0:17	0.04				SR12	8/31/2017 0:17	0.04			
SR4	8/31/2017 0:37	0.06				SR12	8/31/2017 0:37	0.06			
SR4	8/31/2017 0:57	0.03				SR12	8/31/2017 0:57	0.07			
SR4	8/31/2017 1:17	0.03				SR12	8/31/2017 1:17	0.08			
SR4	8/31/2017 1:37	0.06				SR12	8/31/2017 1:37	0.06			
SR4	8/31/2017 1:57	0.02				SR12	8/31/2017 1:57	0.08			
SR4	8/31/2017 2:17	0.02				SR12	8/31/2017 2:17	0.06			
SR4	8/31/2017 2:37	0.04				SR12	8/31/2017 2:37	0.04			
SR4	8/31/2017 2:57	0.06				SR12	8/31/2017 2:57	0.06			
SR4	8/31/2017 3:17	0.04				SR12	8/31/2017 3:17	0.05			
SR4	8/31/2017 3:37	0.03				SR12	8/31/2017 3:37	0.08			
SR4	8/31/2017 3:57	0.04				SR12	8/31/2017 3:57	0.07			
SR4	8/31/2017 4:17	0.06				SR12	8/31/2017 4:17	0.04			
SR4	8/31/2017 4:37	0.06				SR12	8/31/2017 4:37	0.07			
SR4	8/31/2017 4:57	0.05				SR12	8/31/2017 4:57	0.05			
SR4	8/31/2017 5:17	0.02				SR12	8/31/2017 5:17	0.05			
SR4	8/31/2017 5:37	0.04				SR12	8/31/2017 5:37	0.08			
SR4	8/31/2017 5:57	0.05				SR12	8/31/2017 5:57	0.06			
SR4						SR12					
SR4	8/31/2017 6:37	0.06				SR12	8/31/2017 6:37	0.06			
SR4	8/31/2017 6:57	0.02				SR12	8/31/2017 6:57	0.05			
SR4	8/31/2017 7:17	0.05				SR12	8/31/2017 7:17	0.08			
SR4	8/31/2017 7:37	0.05				SR12	8/31/2017 7:37	0.08			
SR4	8/31/2017 7:57	0.04				SR12	8/31/2017 7:57	0.06			
SR4	8/31/2017 8:17	0.05				SR12	8/31/2017 8:17	0.07			
SR4	8/31/2017 8:37	0.02				SR12	8/31/2017 8:37	0.06			
SR4	8/31/2017 8:57	0.04				SR12	8/31/2017 8:57	0.08			
SR4	8/31/2017 9:17	0.05				SR12	8/31/2017 9:17	0.04			
SR4	8/31/2017 9:37	0.02				SR12	8/31/2017 9:37	0.05			
SR4	8/31/2017 9:57	0.04				SR12	8/31/2017 9:57	0.07			
SR4	8/31/2017 10:17	0.06				SR12	8/31/2017 10:17	0.05			
SR4	8/31/2017 10:37	0.02				SR12	8/31/2017 10:37	0.07			
SR4	8/31/2017 10:57	0.04				SR12	8/31/2017 10:57	0.07			
SR4	8/31/2017 11:17	0.05				SR12	8/31/2017 11:17	0.08			
SR4	8/31/2017 11:37	0.04				SR12	8/31/2017 11:37	0.05			
SR4	8/31/2017 11:57	0.05				SR12	8/31/2017 11:57	0.07			
SR4	8/31/2017 12:17	0.09				SR12	8/31/2017 12:17	0.04			
SR4	8/31/2017 12:37	0.09				SR12	8/31/2017 12:37	0.04			
SR4	8/31/2017 12:57	0.07				SR12	8/31/2017 12:57	0.08			
SR4	8/31/2017 13:17	0.05				SR12	8/31/2017 13:17	0.07			
SR4	8/31/2017 13:37	0.07				SR12	8/31/2017 13:37	0.07			
SR4	8/31/2017 13:57	0.04				SR12	8/31/2017 13:57	0.06			
SR4	8/31/2017 14:17	0.09				SR12	8/31/2017 14:17	0.04			
SR4	8/31/2017 14:37	0.09				SR12	8/31/2017 14:37	0.08			
SR4	8/31/2017 14:57	0.08				SR12	8/31/2017 14:57	0.06			
SR4	8/31/2017 15:17	0.05				SR12	8/31/2017 15:17	0.04			
SR4	8/31/2017 15:37	0.08				SR12	8/31/2017 15:37	0.08			
SR4	8/31/2017 15:57	0.07				SR12	8/31/2017 15:57	0.06			
SR4	8/31/2017 16:17	0.04				SR12	8/31/2017 16:17	0.04			
SR4	8/31/2017 16:37	0.08				SR12	8/31/2017 16:37	0.08			
SR4	8/31/2017 16:57	0.07				SR12	8/31/2017 16:57	0.07			
SR4	8/31/2017 17:17	0.05				SR12	8/31/2017 17:17	0.05			
SR4	8/31/2017 17:37	0.05				SR12	8/31/2017 17:37	0.06			
SR4	8/31/2017 17:57	0.04				SR12	8/31/2017 17:57	0.05			
SR4	8/31/2017 18:17	0.06				SR12	8/31/2017 18:17	0.05			
SR4	8/31/2017 18:37	0.05				SR12	8/31/2017 18:37	0.06			
SR4	8/31/2017 18:57	0.08				SR12	8/31/2017 18:57	0.04			
SR4	8/31/2017 19:17	0.09				SR12	8/31/2017 19:17	0.05			
SR4	8/31/2017 19:37	0.05				SR12	8/31/2017 19:37	0.08			
SR4	8/31/2017 19:57	0.06				SR12	8/31/2017 19:57	0.07			
SR4	8/31/2017 20:17	0.07				SR12	8/31/2017 20:17	0.06			
SR4	8/31/2017 20:37	0.09				SR12	8/31/2017 20:37	0.05			
SR4	8/31/2017 20:57	0.07				SR12	8/31/2017 20:57	0.06			
SR4	8/31/2017 21:17	0.08				SR12	8/31/2017 21:17	0.08			
SR4	8/31/2017 21:37	0.08				SR12	8/31/2017 21:37	0.06			
SR4	8/31/2017 21:57	0.08				SR12	8/31/2017 21:57	0.07			
SR4	8/31/2017 22:17	0.06				SR12	8/31/2017 22:17	0.08			
SR4	8/31/2017 22:37	0.08				SR12	8/31/2017 22:37	0.07			
SR4	8/31/2017 22:57	0.04				SR12	8/31/2017 22:57	0.06			
SR4	8/31/2017 23:17	0.09				SR12	8/31/2017 23:17	0.06			
SR4	8/31/2017 23:37	0.09				SR12	8/31/2017 23:37	0.04			
SR4	8/31/2017 23:57	0.06				SR12	8/31/2017 23:57	0.05			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.
SR5 monitoring station was under maintenance during 12:00-12:20.

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR4	9/1/2017 0:01	28.55	79.9	6.00	4.2	SR4	9/1/2017 6:01	28.34	72.0	5.45	5.9	SR4	9/1/2017 12:01	28.07	69.9	5.32	4.2	SR4	9/1/2017 18:01	29.17	72.3	5.38	7.0
SR4	9/1/2017 0:06	28.42	79.9	6.00	4.5	SR4	9/1/2017 6:06	28.33	71.8	5.44	4.5	SR4	9/1/2017 12:06	28.05	72.7	5.53	4.8	SR4	9/1/2017 18:06	29.27	72.4	5.38	4.2
SR4	9/1/2017 0:11	28.41	78.4	5.89	5.1	SR4	9/1/2017 6:11	28.32	71.0	5.38	5.4	SR4	9/1/2017 12:11	28.06	74.8	5.69	5.9	SR4	9/1/2017 18:11	29.28	73.6	5.47	7.5
SR4	9/1/2017 0:16	28.41	78.8	5.92	5.1	SR4	9/1/2017 6:16	28.32	70.6	5.35	7.1	SR4	9/1/2017 12:16	28.05	79.7	6.08	7.1	SR4	9/1/2017 18:16	29.33	73.7	5.48	7.5
SR4	9/1/2017 0:21	28.29	78.2	5.88	3.6	SR4	9/1/2017 6:21	28.32	69.9	5.30	6.6	SR4	9/1/2017 12:21	28.03	76.7	5.84	3.6	SR4	9/1/2017 18:21	29.38	71.9	5.35	7.6
SR4	9/1/2017 0:26	28.49	80.1	6.01	6.7	SR4	9/1/2017 6:26	28.32	70.1	5.32	7.4	SR4	9/1/2017 12:26	28.02	76.6	5.84	4.3	SR4	9/1/2017 18:26	29.42	70.1	5.23	5.9
SR4	9/1/2017 0:31	28.35	80.2	6.02	7.0	SR4	9/1/2017 6:31	28.32	70.6	5.35	4.9	SR4	9/1/2017 12:31	28.02	74.4	5.67	3.9	SR4	9/1/2017 18:31	29.39	73.1	5.44	5.6
SR4	9/1/2017 0:36	28.21	79.9	6.00	3.9	SR4	9/1/2017 6:36	28.31	70.7	5.36	6.3	SR4	9/1/2017 12:36	28.01	74.7	5.69	3.8	SR4	9/1/2017 18:36	29.49	71.6	5.33	6.7
SR4	9/1/2017 0:41	28.15	79.8	6.00	5.0	SR4	9/1/2017 6:41	28.29	70.9	5.37	3.9	SR4	9/1/2017 12:41	28.02	70.4	5.36	7.1	SR4	9/1/2017 18:41	29.46	71.0	5.29	5.6
SR4	9/1/2017 0:46	28.22	80.3	6.04	6.7	SR4	9/1/2017 6:46	28.31	71.1	5.39	5.7	SR4	9/1/2017 12:46	28.02	68.8	5.24	4.3	SR4	9/1/2017 18:46	29.46	71.3	5.31	4.0
SR4	9/1/2017 0:51	28.39	80.6	6.06	7.1	SR4	9/1/2017 6:51	28.31	71.2	5.40	4.2	SR4	9/1/2017 12:51	28.01	68.2	5.20	4.1	SR4	9/1/2017 18:51	29.51	71.6	5.33	5.7
SR4	9/1/2017 0:56	28.39	81.0	6.09	5.5	SR4	9/1/2017 6:56	28.31	71.8	5.44	6.4	SR4	9/1/2017 12:56	28.00	68.6	5.23	4.5	SR4	9/1/2017 18:56	29.49	71.3	5.31	4.6
SR4	9/1/2017 1:01	28.26	79.4	5.97	5.3	SR4	9/1/2017 7:01	28.27	71.8	5.45	5.1	SR4	9/1/2017 13:01	28.01	67.5	5.15	5.8	SR4	9/1/2017 19:01	29.37	76.0	5.65	5.0
SR4	9/1/2017 1:06	28.27	78.8	5.93	7.2	SR4	9/1/2017 7:06	28.26	71.9	5.46	6.1	SR4	9/1/2017 13:06	28.02	69.2	5.28	3.8	SR4	9/1/2017 19:06	29.30	78.1	5.79	5.4
SR4	9/1/2017 1:11	28.27	77.6	5.83	4.6	SR4	9/1/2017 7:11	28.24	72.2	5.48	4.3	SR4	9/1/2017 13:11	28.03	69.3	5.29	6.8	SR4	9/1/2017 19:11	29.33	78.2	5.80	6.8
SR4	9/1/2017 1:16	28.20	78.9	5.93	5.3	SR4	9/1/2017 7:16	28.23	72.0	5.46	7.4	SR4	9/1/2017 13:16	28.02	69.8	5.33	4.3	SR4	9/1/2017 19:16	30.02	79.0	5.86	6.5
SR4	9/1/2017 1:21	28.17	78.8	5.93	7.6	SR4	9/1/2017 7:21	28.27	72.4	5.49	5.9	SR4	9/1/2017 13:21	28.02	69.6	5.31	7.4	SR4	9/1/2017 19:21	30.05	79.0	5.86	3.6
SR4	9/1/2017 1:26	28.19	80.0	6.02	6.3	SR4	9/1/2017 7:26	28.21	72.0	5.46	6.4	SR4	9/1/2017 13:26	28.00	69.3	5.29	5.7	SR4	9/1/2017 19:26	29.69	77.4	5.74	6.5
SR4	9/1/2017 1:31	28.24	77.3	5.83	5.9	SR4	9/1/2017 7:31	28.24	71.8	5.45	7.2	SR4	9/1/2017 13:31	28.01	69.8	5.33	7.3	SR4	9/1/2017 19:31	28.34	76.9	5.70	4.1
SR4	9/1/2017 1:36	28.24	78.0	5.88	4.7	SR4	9/1/2017 7:36	28.23	71.0	5.39	6.8	SR4	9/1/2017 13:36	27.99	68.8	5.25	3.6	SR4	9/1/2017 19:36	28.37	75.8	5.67	3.4
SR4	9/1/2017 1:41	28.20	76.9	5.80	5.7	SR4	9/1/2017 7:41	28.22	72.0	5.47	4.7	SR4	9/1/2017 13:41	28.00	69.8	5.33	5.0	SR4	9/1/2017 19:41	29.24	76.3	5.71	6.1
SR4	9/1/2017 1:46	28.23	72.8	5.50	5.1	SR4	9/1/2017 7:46	28.21	72.0	5.47	4.6	SR4	9/1/2017 13:46	28.02	69.6	5.31	6.3	SR4	9/1/2017 19:46	29.03	76.0	5.69	6.9
SR4	9/1/2017 1:51	28.21	77.7	5.86	3.8	SR4	9/1/2017 7:51	28.20	71.7	5.45	7.0	SR4	9/1/2017 13:51	28.02	68.9	5.26	4.1	SR4	9/1/2017 19:51	29.12	75.7	5.67	6.1
SR4	9/1/2017 1:56	28.18	77.8	5.85	7.2	SR4	9/1/2017 7:56	28.20	72.0	5.47	7.4	SR4	9/1/2017 13:56	28.01	68.8	5.25	5.8	SR4	9/1/2017 19:56	29.07	73.2	5.48	4.3
SR4	9/1/2017 2:01	28.21	77.7	5.85	4.8	SR4	9/1/2017 8:01	28.21	73.8	5.61	4.3	SR4	9/1/2017 14:01	27.99	69.2	5.28	3.7	SR4	9/1/2017 20:01	29.20	73.7	5.52	7.5
SR4	9/1/2017 2:06	28.21	77.7	5.85	6.3	SR4	9/1/2017 8:06	28.22	74.2	5.64	5.3	SR4	9/1/2017 14:06	28.00	68.2	5.21	6.7	SR4	9/1/2017 20:06	29.18	73.2	5.48	5.1
SR4	9/1/2017 2:11	28.23	77.2	5.82	6.0	SR4	9/1/2017 8:11	28.23	74.6	5.67	6.4	SR4	9/1/2017 14:11	27.99	70.1	5.35	6.1	SR4	9/1/2017 20:11	29.29	72.3	5.41	7.2
SR4	9/1/2017 2:16	28.27	78.0	5.88	7.3	SR4	9/1/2017 8:16	28.22	74.6	5.67	7.5	SR4	9/1/2017 14:16	28.01	72.1	5.49	6.5	SR4	9/1/2017 20:16	29.36	71.8	5.38	3.9
SR4	9/1/2017 2:21	28.32	73.5	5.55	5.4	SR4	9/1/2017 8:21	28.20	75.0	5.70	4.3	SR4	9/1/2017 14:21	28.05	71.6	5.46	6.9	SR4	9/1/2017 20:21	29.37	71.3	5.35	4.0
SR4	9/1/2017 2:26	28.35	69.1	5.23	5.1	SR4	9/1/2017 8:26	28.20	74.8	5.69	7.1	SR4	9/1/2017 14:26	28.06	69.6	5.31	6.5	SR4	9/1/2017 20:26	29.39	70.8	5.31	4.7
SR4	9/1/2017 2:31	28.37	71.8	5.43	7.5	SR4	9/1/2017 8:31	28.21	74.5	5.67	5.0	SR4	9/1/2017 14:31	28.07	69.3	5.28	4.6	SR4	9/1/2017 20:31	29.42	70.6	5.29	6.2
SR4	9/1/2017 2:36	28.38	73.4	5.55	3.5	SR4	9/1/2017 8:36	28.21	74.4	5.66	5.5	SR4	9/1/2017 14:36	28.08	70.5	5.38	5.0	SR4	9/1/2017 20:36	29.37	72.0	5.39	7.0
SR4	9/1/2017 2:41	28.40	72.8	5.50	7.6	SR4	9/1/2017 8:41	28.19	74.5	5.66	5.7	SR4	9/1/2017 14:41	28.10	70.4	5.36	5.9	SR4	9/1/2017 20:41	29.45	71.6	5.37	3.1
SR4	9/1/2017 2:46	28.41	70.6	5.34	6.1	SR4	9/1/2017 8:46	28.18	74.5	5.67	5.6	SR4	9/1/2017 14:46	28.11	69.6	5.31	4.8	SR4	9/1/2017 20:46	29.41	72.1	5.40	4.5
SR4	9/1/2017 2:51	28.41	71.7	5.42	6.6	SR4	9/1/2017 8:51	28.17	74.5	5.67	6.5	SR4	9/1/2017 14:51	28.13	70.1	5.34	4.5	SR4	9/1/2017 20:51	29.41	68.4	5.13	6.5
SR4	9/1/2017 2:56	28.42	70.9	5.36	7.4	SR4	9/1/2017 8:56	28.15	74.1	5.63	4.5	SR4	9/1/2017 14:56	28.14	69.1	5.27	4.1	SR4	9/1/2017 20:56	29.33	70.1	5.26	4.1
SR4	9/1/2017 3:01	28.42	68.9	5.21	6.1	SR4	9/1/2017 9:01	28.15	72.7	5.53	5.4	SR4	9/1/2017 15:01	28.15	71.0	5.41	6.3	SR4	9/1/2017 21:01	29.23	70.8	5.31	6.8
SR4	9/1/2017 3:06	28.42	70.0	5.29	5.3	SR4	9/1/2017 9:06	28.16	69.2	5.28	5.6	SR4	9/1/2017 15:06	28.16	69.8	5.32	7.0	SR4	9/1/2017 21:06	29.31	68.7	5.16	4.4
SR4	9/1/2017 3:11	28.42	68.5	5.19	5.5	SR4	9/1/2017 9:11	28.16	69.7	5.32	3.5	SR4	9/1/2017 15:11	28.16	69.2	5.28	6.2	SR4	9/1/2017 21:11	29.96	66.5	4.99	6.2
SR4	9/1/2017 3:16	28.43	69.8	5.28	7.0	SR4	9/1/2017 9:16	28.16	69.7	5.32	3.7	SR4	9/1/2017 15:16	28.17	69.0	5.27	3.6	SR4	9/1/2017 21:16	29.97	66.6	5.00	3.7
SR4	9/1/2017 3:21	28.42	69.2	5.24	6.8	SR4	9/1/2017 9:21	28.11	68.9	5.26	4.2	SR4	9/1/2017 15:21	28.18	68.8	5.25	4.6	SR4	9/1/2017 21:21	29.68	69.3	5.29	6.9
SR4	9/1/2017 3:26	28.42	69.4	5.26	7.0	SR4	9/1/2017 9:26	28.12	69.2	5.28	6.4	SR4	9/1/2017 15:26	28.19	69.4	5.30	5.0	SR4	9/1/2017 21:26	29.79	69.0	5.27	4.5
SR4	9/1/2017 3:31	28.42	69.4	5.25	7.0	SR4	9/1/2017 9:31	28.14	69.8	5.33	4.7	SR4	9/1/2017 15:31	28.19	66.1	5.03	4.0	SR4	9/1/2017 21:31	29.66	69.3	5.29	6.9
SR4	9/1/2017 3:36	28.42	69.5	5.26	6.4	SR4	9/1/2017 9:36	28.10	69.0	5.27	3.8	SR4	9/1/2017 15:36	28.20	70.1	5.33	4.4	SR4	9/1/2017 21:36	29.63	69.3	5.29	8.6
SR4	9/1/2017 3:41	28.41	70.1	5.31	5.1	SR4	9/1/2017 9:41	28.13	68.8	5.25	4.5	SR4	9/1/2017 15:41	28.20	72.6	5.52	4.0	SR4	9/1/2017 21:41	29.38	68.8	5.25	6.6
SR4	9/1/2017 3:46	28.42	71.3	5.39	4.8	SR4	9/1/2017 9:46	28.13	69.0	5.27	4.0	SR4	9/1/2017 15:46	28.21	73.1	5.55	4.7	SR4	9/1/2017 21:46	29.44	69.6	5.31	5.0
SR4	9/1/2017 3:51	28.42	72.0	5.45	4.1	SR4	9/1/2017 9:51	28.13	66.5	5.06	4.5	SR4	9/1/2017 15:51	28.22	70.5	5.36	5.4	SR4	9/1/2017 21:51	29.64	69.3	5.29	3.0
SR4	9/1/2017 3:56	28.42	72.3	5.47	7.5	SR4	9/1/2017 9:56	28.13	68.0	5.18	7.2	SR4	9/1/2017 15:56	28.22	71.4	5.42	4.9	SR4	9/1/2017 21:56	29.64	69.7	5.32	4.6
SR4	9/1/2017 4:01	28.42	72.6	5.48	4.5	SR4	9/1/2017 10:01	28.13	67.6	5.15	6.6	SR4	9/1/2017 16:01	28.22	70.1	5.32	4.5	SR4	9/1/2017 22:01	29.65	69.0	5.27	7.8
SR4	9/1/2017 4:06	28.42	72.6	5.48	5.9	SR4	9/1/2017 10:06	28.13	65.5	4.99	6.1	SR4	9/1/2017 16:06	28.22	68.2	5.18	7.2	SR4	9/1/2017 22:06	29.70	69.0	5.27	5.4
SR4	9/1/2017 4:11	28.41	72.7	5.49	3.7	SR4	9/1/2017 10:11	28.13	69.4	5.29	3.8	SR4	9/1/2017 16:11	28.24	69.3	5.29	3.5	SR4	9/1/2017 22:11	29.81	69.2	5.28	5.2
SR4	9/1/2017 4:16	28.41	72.8	5.49	4.4	SR4	9/1/2017 10:16	28.14	69.9	5.32	3.7	SR4	9/1/2017 16:16	28.25	69.4	5.30	7.3	SR4	9/1/2017 22:16	29.90	69.4	5.30	7.8
SR4	9/1/2017 4:21	28.41	73.0	5.51	6.0	SR4	9/1/2017 10:21	28.14	69.3	5.28	7.4	SR4	9/1/2017 16:21	28.26	69.2	5.28	7.1	SR4	9/1/2017 22:21	29.96	69.4	5.30	3.7
SR4	9/1/2017 4:26	28.41	73.0	5.52	5.2	SR4	9/1/2017 10:26	28.13	69.6	5.30	6.8	SR4	9/1/2017 16:26	28.27	68.8	5.21	5.0	SR4	9/1/2017 22:26	29.98	68.9	5.26	5.6
SR4	9/1/2017 4:31	28.41	73.8	5.58	7.5	SR4	9/1/2017 10:31	28.12	69.7	5.30	3.8	SR4	9/1/2017 16:31	28.29	67.8	5.14	7.3	SR4	9/1/2017 22:31	29.90	69.4	5.30	5.8
SR4	9/1/2017 4:36	28.39	74.1	5.60	5.9	SR4	9/1/2017 10:36	28.11	69.8	5.32	5.8	SR4	9/1/2017 16:36	28.29	69.8	5.33	5.1	SR4	9/1/2017 22:36	30.03	69.7	5.32	4.8
SR4	9/1/2017 4:41	28.38	74.6	5.64	6.8	SR4	9/1/2017 10:41	28.11	67.7	5.16	7.3	SR4	9/1/2017 16:41	28.27	69.2	5.28	6.6	SR4	9/1/2017 22:41	29.93	69.2	5.28	4.5
SR4	9/1/2017 4:46	28.38	75.1	5.68	7.5	SR4	9/1/2017 10:46	28.06	65.9	5.01	3.7	SR4	9/1/2017 16:46	28.26	68.9	5.21	3.7	SR4	9/1/2017 22:46	30.00	69.3	5.29	4.3
SR4	9/1/2017 4:51	28.40	74.7	5.65	4.2	SR4	9/1/2017 10:51	28.10	67.8	5.16	4.5	SR4	9/1/2017 16:51	28.25	69.4	5.24	7.5	SR4	9/1/2017 22:51	29.88	69.4	5.30	6.3
SR4	9/1/2017 4:56	28.40	74.4	5.63	5.5	SR4	9/1/2017 10:56	28.09	69.5	5.29	5.7	SR4	9/1/2017 16:56	28.29	69.7	5.27	5.6	SR4	9/1/2017 22:56	29.86	69.6	5.31	7.3
SR4	9/1/2017 5:01	28.38	74.0	5.60	4.2	SR4	9/1/2017 11:01	28.09	69.8	5.31	6.7	SR4	9/1/2017 17:01	28.28	70.6	5.32	4.4	SR4	9/1/2017 23:01	30.08	69.0	5.27	4.5
SR4	9/1/2017 5:06	28.28	73.7	5.57	6.5	SR4	9/1/2017 11:06	28.09	71.7	5.46	6.1	SR4	9/1/2017 17:06	28.28	71.9	5.42	7.2	SR4	9/1/2017 23:06	30.04	68.8	5.25	3.6
SR4	9/1/2017 5:11	28.31	73.0	5.52	5.9	SR4	9/1/2017 11:11	28.09	71.3	5.43	6.6	SR4	9/1/2017 17:11	28.27	72.1	5.43	7.7	SR4	9/1/2017 23:11	29.94	68.9	5.26	3.2
SR4	9/1/2017 5:16	28.33	72.5	5.48	7.4	SR4	9/1/2017 11:16	28.09	72.9	5.56	6.0	SR4	9/1/2017 17:16	28.26	72.9	5.49	5.9	SR4	9/1/2017 23:16	30.01	68.9	5.26	7.0
SR4	9/1/2017 5:21	28.32	72.0	5.44	6.5	SR4	9/1/2017 11:21	28.09	72.8	5.55	7.2	SR4	9/1/2017 17:21	28.22	69.7	5.32	6.9	SR4	9/1/2017 23:21	29.81	69.2	5.28	4.6
SR4	9/1/2017 5:26	28.36	72.1	5.45	6.7	SR4	9/1/2017 11:26	28.08	72.3	5.52	6.0	SR4	9/1/2017 17:26	28.19	68.8	5.25	6.7	SR4	9/1/2017 23:26	29.85	69.4	5.22	3.8
SR4	9/1/2017 5:31	28.37	71.9	5.45	3.7	SR4	9/1/2017 11:31	28.07	70.2	5.35	4.8	SR4	9/1/2017 17:31	28.20	69.2	5.28	5.4	SR4	9/1/2017 23:31	30.03	69.3	5.29	4.8
SR4	9/1/2017 5:36	28.37	73.8	5.59	6.8	SR4	9/1/2017 11:36	28.06	70.1	5.34	7.1	SR4	9/1/2017 17:36	28.28	69.6	5.31	3.9	SR4	9/1/2017 23:36	30.27	69.8	5.33	6.2
SR4	9/1/2017 5:41	28.36	73.6	5.58	5.3	SR4	9/1/2017 11:41	28.07	70.5	5.37	5.6	SR4	9/1/2017 17:41	28.26	69.8	5.33	3.6	SR4	9/1/2017 23:41	30.20	69.3	5.29	3.1
SR4	9/1/2017 5:46	28.37	72.8	5.51	4.7	SR4	9/1/2017 11:46	28.07	70.2	5.35	4.9	SR4	9/1/2017 17:46	28.17	67.7	5.05	6.1	SR4	9/1/2017 23:46	30.21	69.7	5.32	4.8
SR4	9/1/2017 5:51	28.37	72.5	5.49	6.8	SR4	9/1/2017 11:51	28.08	69.2	5.27	6.8	SR4	9/1/2017 17:51	29.09	67.9	5.07	4.9	SR4	9/1/2017 23:51	30.22	69.3	5.29	6.1
SR4	9/1/2017 5:56	28.34	71.8	5.44	6.0	SR4	9/1/2017 11:56	28.06	69.1	5.26	5.1	SR4	9/1/2017 17:56	29.18	69.9	5.21	6.4	SR4	9/1/2017 23:56	30.21	69.7	5.32	7.9

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR5	9/1/2017 0:00	28.87	80.3	6.18	2.6	SR5	9/1/2017 6:00	29.32	74.8	5.79	2.7	SR5	9/1/2017 12:00	28.97	69.3	5.46	2.0	SR5	9/1/2017 18:00	29.38	71.8	5.51	2.3
SR5	9/1/2017 0:05	28.83	81.1	6.27	2.2	SR5	9/1/2017 6:05	29.09	73.5	5.73	2.2	SR5	9/1/2017 12:05	28.88	70.8	5.47	2.0	SR5	9/1/2017 18:05	29.30	71.3	5.48	2.7
SR5	9/1/2017 0:10	28.93	80.1	6.21	2.2	SR5	9/1/2017 6:10	29.13	73.3	5.64	1.8	SR5	9/1/2017 12:10	28.89	71.5	5.59	2.5	SR5	9/1/2017 18:10	29.26	71.8	5.49	2.3
SR5	9/1/2017 0:15	28.97	80.0	6.17	2.5	SR5	9/1/2017 6:15	28.98	73.0	5.71	1.8	SR5	9/1/2017 12:15	28.96	74.2	5.75	2.0	SR5	9/1/2017 18:15	29.23	71.4	5.54	3.1
SR5	9/1/2017 0:20	29.10	78.2	6.01	2.8	SR5	9/1/2017 6:20	28.95	73.5	5.73	1.7	SR5	9/1/2017 12:20	28.96	72.8	5.69	2.3	SR5	9/1/2017 18:20	29.40	70.0	5.42	3.4
SR5	9/1/2017 0:25	28.98	79.0	6.12	1.8	SR5	9/1/2017 6:25	29.08	72.5	5.61	1.8	SR5	9/1/2017 12:25	28.99	73.2	5.74	2.0	SR5	9/1/2017 18:25	29.34	68.8	5.31	2.9
SR5	9/1/2017 0:30	28.94	78.3	6.00	2.3	SR5	9/1/2017 6:30	29.03	73.7	5.74	2.0	SR5	9/1/2017 12:30	29.04	72.1	5.59	2.1	SR5	9/1/2017 18:30	29.27	70.3	5.40	3.5
SR5	9/1/2017 0:35	28.99	79.6	6.14	1.9	SR5	9/1/2017 6:35	28.99	75.1	5.81	2.2	SR5	9/1/2017 12:35	29.04	72.0	5.54	2.3	SR5	9/1/2017 18:35	29.25	69.9	5.37	3.3
SR5	9/1/2017 0:40	28.86	80.2	6.21	2.2	SR5	9/1/2017 6:40	28.90	74.9	5.83	3.5	SR5	9/1/2017 12:40	28.98	69.5	5.45	1.7	SR5	9/1/2017 18:40	29.23	69.8	5.35	3.8
SR5	9/1/2017 0:45	28.97	79.4	6.09	2.1	SR5	9/1/2017 6:45	29.03	75.0	5.87	2.0	SR5	9/1/2017 12:45	29.02	68.8	5.34	2.0	SR5	9/1/2017 18:45	29.14	70.2	5.47	2.6
SR5	9/1/2017 0:50	29.04	81.1	6.24	2.1	SR5	9/1/2017 6:50	28.90	75.6	5.93	2.1	SR5	9/1/2017 12:50	28.97	68.6	5.33	2.3	SR5	9/1/2017 18:50	29.16	70.2	5.47	2.6
SR5	9/1/2017 0:55	29.04	80.9	6.19	2.2	SR5	9/1/2017 6:55	28.98	74.8	5.77	1.8	SR5	9/1/2017 12:55	29.01	68.6	5.29	3.1	SR5	9/1/2017 18:55	29.09	69.9	5.44	3.9
SR5	9/1/2017 1:00	29.06	80.2	6.13	2.0	SR5	9/1/2017 7:00	28.87	74.9	5.78	2.2	SR5	9/1/2017 13:00	29.08	68.2	5.33	2.3	SR5	9/1/2017 19:00	29.07	72.0	5.60	3.7
SR5	9/1/2017 1:05	29.21	79.8	6.20	2.2	SR5	9/1/2017 7:05	28.90	75.0	5.81	2.0	SR5	9/1/2017 13:05	29.15	68.9	5.43	2.1	SR5	9/1/2017 19:05	29.05	73.4	5.60	2.9
SR5	9/1/2017 1:10	29.74	78.4	6.00	2.1	SR5	9/1/2017 7:10	28.83	75.0	5.81	1.7	SR5	9/1/2017 13:10	29.02	68.4	5.35	2.4	SR5	9/1/2017 19:10	28.91	73.5	5.65	3.0
SR5	9/1/2017 1:15	29.72	80.5	6.15	1.8	SR5	9/1/2017 7:15	28.80	74.7	5.76	1.9	SR5	9/1/2017 13:15	29.10	68.9	5.35	2.3	SR5	9/1/2017 19:15	28.84	74.1	5.73	2.8
SR5	9/1/2017 1:20	29.53	79.1	6.13	2.0	SR5	9/1/2017 7:20	28.84	75.1	5.82	1.8	SR5	9/1/2017 13:20	29.01	68.0	5.26	1.9	SR5	9/1/2017 19:20	28.90	74.3	5.73	2.7
SR5	9/1/2017 1:25	28.98	78.5	6.04	1.9	SR5	9/1/2017 7:25	28.76	74.6	5.75	1.8	SR5	9/1/2017 13:25	29.06	68.0	5.30	2.1	SR5	9/1/2017 19:25	28.85	72.9	5.60	4.5
SR5	9/1/2017 1:30	28.84	76.9	5.96	1.8	SR5	9/1/2017 7:30	28.87	74.0	5.70	1.9	SR5	9/1/2017 13:30	28.99	68.3	5.38	1.9	SR5	9/1/2017 19:30	28.89	72.6	5.62	4.4
SR5	9/1/2017 1:35	29.27	77.8	6.04	1.7	SR5	9/1/2017 7:35	28.97	72.6	5.64	2.1	SR5	9/1/2017 13:35	29.00	68.1	5.26	1.9	SR5	9/1/2017 19:35	29.01	72.1	5.61	4.1
SR5	9/1/2017 1:40	29.11	76.1	5.85	1.8	SR5	9/1/2017 7:40	28.92	73.6	5.71	2.0	SR5	9/1/2017 13:40	28.96	69.0	5.42	2.3	SR5	9/1/2017 19:40	28.92	72.5	5.60	4.2
SR5	9/1/2017 1:45	29.34	74.1	5.77	1.8	SR5	9/1/2017 7:45	28.96	74.0	5.80	2.0	SR5	9/1/2017 13:45	29.11	69.0	5.33	2.0	SR5	9/1/2017 19:45	29.00	72.5	5.58	4.2
SR5	9/1/2017 1:50	29.27	76.2	5.91	1.6	SR5	9/1/2017 7:50	29.04	73.9	5.78	1.9	SR5	9/1/2017 13:50	29.10	68.6	5.38	2.1	SR5	9/1/2017 19:50	28.93	72.4	5.58	4.4
SR5	9/1/2017 1:55	29.29	76.6	5.90	2.0	SR5	9/1/2017 7:55	29.05	73.7	5.73	2.0	SR5	9/1/2017 13:55	29.14	68.6	5.34	2.0	SR5	9/1/2017 19:55	28.95	71.2	5.55	2.3
SR5	9/1/2017 2:00	29.22	77.0	5.89	1.8	SR5	9/1/2017 8:00	28.99	73.7	5.75	1.9	SR5	9/1/2017 14:00	29.10	68.8	5.35	2.0	SR5	9/1/2017 20:00	28.97	72.5	5.55	4.0
SR5	9/1/2017 2:05	29.29	77.7	6.02	1.5	SR5	9/1/2017 8:05	29.08	72.7	5.59	1.6	SR5	9/1/2017 14:05	29.08	68.4	5.36	2.0	SR5	9/1/2017 20:05	29.01	71.8	5.50	3.9
SR5	9/1/2017 2:10	29.54	77.8	6.03	1.5	SR5	9/1/2017 8:10	29.04	73.3	5.71	1.8	SR5	9/1/2017 14:10	29.06	68.6	5.32	2.5	SR5	9/1/2017 20:10	28.83	71.0	5.45	3.8
SR5	9/1/2017 2:15	29.47	77.2	5.98	1.5	SR5	9/1/2017 8:15	29.06	74.1	5.76	1.8	SR5	9/1/2017 14:15	29.13	69.8	5.40	2.0	SR5	9/1/2017 20:15	28.90	71.0	5.49	4.0
SR5	9/1/2017 2:20	29.55	75.4	5.89	1.8	SR5	9/1/2017 8:20	29.31	75.1	5.88	1.8	SR5	9/1/2017 14:20	29.15	69.4	5.35	2.2	SR5	9/1/2017 20:20	28.84	70.6	5.40	2.1
SR5	9/1/2017 2:25	29.46	72.6	5.62	1.3	SR5	9/1/2017 8:25	29.30	75.4	5.86	1.8	SR5	9/1/2017 14:25	29.11	68.5	5.32	2.7	SR5	9/1/2017 20:25	28.80	70.5	5.45	2.4
SR5	9/1/2017 2:30	29.50	73.9	5.65	5.8	SR5	9/1/2017 8:30	29.29	75.3	5.84	1.9	SR5	9/1/2017 14:30	29.10	68.1	5.27	2.2	SR5	9/1/2017 20:30	28.92	70.5	5.43	2.3
SR5	9/1/2017 2:35	29.59	74.9	5.76	1.5	SR5	9/1/2017 8:35	29.04	75.1	5.82	1.9	SR5	9/1/2017 14:35	29.01	68.7	5.30	2.4	SR5	9/1/2017 20:35	28.88	71.0	5.53	4.0
SR5	9/1/2017 2:40	29.42	73.0	5.62	1.7	SR5	9/1/2017 8:40	29.16	75.6	5.89	1.7	SR5	9/1/2017 14:40	28.98	68.5	5.30	2.4	SR5	9/1/2017 20:40	29.00	70.8	5.48	4.0
SR5	9/1/2017 2:45	29.43	72.0	5.52	1.7	SR5	9/1/2017 8:45	29.08	75.2	5.83	1.8	SR5	9/1/2017 14:45	29.07	67.9	5.28	2.6	SR5	9/1/2017 20:45	28.86	71.5	5.50	3.9
SR5	9/1/2017 2:50	29.42	72.5	5.63	2.7	SR5	9/1/2017 8:50	29.11	75.4	5.86	1.8	SR5	9/1/2017 14:50	29.07	67.1	5.18	2.6	SR5	9/1/2017 20:50	28.94	69.3	5.41	1.8
SR5	9/1/2017 2:55	29.33	72.7	5.65	1.6	SR5	9/1/2017 8:55	29.05	75.2	5.84	1.7	SR5	9/1/2017 14:55	29.10	66.5	5.50	2.7	SR5	9/1/2017 20:55	28.94	69.5	5.37	4.2
SR5	9/1/2017 3:00	29.30	73.7	5.73	1.7	SR5	9/1/2017 9:00	29.11	73.4	5.71	1.6	SR5	9/1/2017 15:00	29.09	67.1	5.23	2.7	SR5	9/1/2017 21:00	29.06	70.0	5.46	1.6
SR5	9/1/2017 3:05	29.94	74.9	5.80	1.5	SR5	9/1/2017 9:05	29.13	70.9	5.50	1.9	SR5	9/1/2017 15:05	28.96	65.9	5.49	2.8	SR5	9/1/2017 21:05	28.94	69.4	5.34	4.4
SR5	9/1/2017 3:10	29.69	73.2	5.60	1.6	SR5	9/1/2017 9:10	28.96	70.9	5.56	1.5	SR5	9/1/2017 15:10	28.99	66.3	5.21	3.4	SR5	9/1/2017 21:10	29.04	68.9	5.36	4.1
SR5	9/1/2017 3:15	29.65	72.8	5.61	1.5	SR5	9/1/2017 9:15	28.90	71.5	5.60	1.7	SR5	9/1/2017 15:15	29.03	65.6	5.45	3.2	SR5	9/1/2017 21:15	28.95	69.8	5.39	2.7
SR5	9/1/2017 3:20	29.60	73.1	5.66	1.6	SR5	9/1/2017 9:20	29.36	71.0	5.51	1.6	SR5	9/1/2017 15:20	29.10	65.5	5.51	3.2	SR5	9/1/2017 21:20	28.92	71.1	5.57	2.2
SR5	9/1/2017 3:25	29.75	73.8	5.64	1.8	SR5	9/1/2017 9:25	29.14	70.7	5.55	1.8	SR5	9/1/2017 15:25	28.97	65.9	5.44	2.4	SR5	9/1/2017 21:25	28.93	71.1	5.54	3.9
SR5	9/1/2017 3:30	29.58	71.6	5.50	1.7	SR5	9/1/2017 9:30	29.12	71.6	5.62	2.2	SR5	9/1/2017 15:30	29.06	64.1	5.30	2.5	SR5	9/1/2017 21:30	28.95	72.0	5.58	3.8
SR5	9/1/2017 3:35	29.48	71.8	5.61	1.8	SR5	9/1/2017 9:35	28.98	71.7	5.52	2.0	SR5	9/1/2017 15:35	29.05	66.3	5.46	2.6	SR5	9/1/2017 21:35	29.03	72.0	5.64	4.1
SR5	9/1/2017 3:40	29.55	73.7	5.67	1.9	SR5	9/1/2017 9:40	29.02	71.9	5.56	1.9	SR5	9/1/2017 15:40	29.04	67.6	5.19	2.3	SR5	9/1/2017 21:40	28.92	71.1	5.48	4.0
SR5	9/1/2017 3:45	29.81	72.6	5.64	1.9	SR5	9/1/2017 9:45	29.13	72.4	5.69	1.9	SR5	9/1/2017 15:45	29.16	66.9	5.19	2.8	SR5	9/1/2017 21:45	28.81	72.1	5.56	2.9
SR5	9/1/2017 3:50	29.89	72.1	5.56	1.8	SR5	9/1/2017 9:50	29.05	71.9	5.57	1.9	SR5	9/1/2017 15:50	29.09	65.7	5.48	2.3	SR5	9/1/2017 21:50	28.87	71.7	5.54	1.8
SR5	9/1/2017 3:55	29.84	72.5	5.57	1.6	SR5	9/1/2017 9:55	29.04	72.5	5.61	2.0	SR5	9/1/2017 15:55	29.12	66.0	5.19	2.6	SR5	9/1/2017 21:55	28.68	71.9	5.64	3.7
SR5	9/1/2017 4:00	29.87	73.8	5.72	1.7	SR5	9/1/2017 10:00	29.15	72.7	5.64	1.8	SR5	9/1/2017 16:00	29.10	65.9	5.49	2.8	SR5	9/1/2017 22:00	28.84	70.6	5.50	3.8
SR5	9/1/2017 4:05	29.89	73.8	5.64	1.7	SR5	9/1/2017 10:05	28.99	71.4	5.53	1.9	SR5	9/1/2017 16:05	29.17	65.1	5.44	2.7	SR5	9/1/2017 22:05	28.90	71.3	5.52	1.9
SR5	9/1/2017 4:10	29.80	75.6	5.77	1.5	SR5	9/1/2017 10:10	28.98	73.3	5.65	2.0	SR5	9/1/2017 16:10	29.06	65.7	5.51	2.8	SR5	9/1/2017 22:10	28.77	70.9	5.56	4.0
SR5	9/1/2017 4:15	29.10	75.0	5.77	1.8	SR5	9/1/2017 10:15	29.04	73.6	5.75	1.9	SR5	9/1/2017 16:15	29.21	66.3	5.22	2.2	SR5	9/1/2017 22:15	28.92	71.6	5.60	3.8
SR5	9/1/2017 4:20	29.21	76.3	5.90	5.0	SR5	9/1/2017 10:20	28.97	72.5	5.68	1.4	SR5	9/1/2017 16:20	29.12	66.6	5.50	2.2	SR5	9/1/2017 22:20	29.00	71.3	5.59	5.6
SR5	9/1/2017 4:25	29.11	79.4	6.09	1.9	SR5	9/1/2017 10:25	29.04	71.9	5.59	1.7	SR5	9/1/2017 16:25	29.16	65.9	5.46	1.9	SR5	9/1/2017 22:25	28.90	70.7	5.47	5.0
SR5	9/1/2017 4:30	29.16	79.5	6.15	2.0	SR5	9/1/2017 10:30	28.91	72.8	5.67	1.7	SR5	9/1/2017 16:30	29.13	65.8	5.44	1.9	SR5	9/1/2017 22:30	29.06	70.8	5.45	5.5
SR5	9/1/2017 4:35	29.07	79.1	6.07	2.1	SR5	9/1/2017 10:35	29.00	72.4	5.60	1.7	SR5	9/1/2017 16:35	29.26	67.9	5.30	1.7	SR5	9/1/2017 22:35	28.97	71.1	5.47	4.9
SR5	9/1/2017 4:40	29.18	78.1	6.05	1.9	SR5	9/1/2017 10:40	29.04	71.2	5.54	1.7	SR5	9/1/2017 16:40	29.27	67.5	5.27	1.9	SR5	9/1/2017 22:40	29.12	71.0	5.53	4.2
SR5	9/1/2017 4:45	29.21	80.0	6.20	1.7	SR5	9/1/2017 10:45	28.92	70.1	5.44	1.7	SR5	9/1/2017 16:45	29.30	68.6	5.37	1.9	SR5	9/1/2017 22:45	29.03	71.1	5.34	5.0
SR5	9/1/2017 4:50	29.08	78.2	6.07	1.5	SR5	9/1/2017 10:50	29.07	70.7	5.51	1.7	SR5	9/1/2017 16:50	29.26	69.2	5.38	2.7	SR5	9/1/2017 22:50	29.06	71.3	5.37	5.8
SR5	9/1/2017 4:55	29.11	78.6	6.06	1.7	SR5	9/1/2017 10:55	28.89	71.1	5.49	1.7	SR5	9/1/2017 16:55	29.16	69.8	5.37	2.8	SR5	9/1/2017 22:55	29.09	72.2	5.44	5.8
SR5	9/1/2017 5:00	29.23	76.6	5.97	1.9	SR5	9/1/2017 11:00	29.06	71.0	5.56	1.8	SR5	9/1/2017 17:00	29.27	69.5	5.41	2.0	SR5	9/1/2017 23:00	28.97	72.6	5.47	5.3
SR5	9/1/2017 5:05	29.10	76.4	5.96	1.9	SR5	9/1/2017 11:05	29.02	71.8	5.62	1.8	SR5	9/1/2017 17:05	29.19	69.6	5.39	2.8	SR5	9/1/2017 23:05	29.03	73.3	5.52	5.8
SR5	9/1/2017 5:10	29.12	76.4	5.93	1.8	SR5	9/1/2017 11:10	28.94	71.8	5.53	1.9	SR5	9/1/2017 17:10	29.24	70.1	5.38	3.2	SR5	9/1/2017 23:10	29.11	73.0	5.50	4.7
SR5	9/1/2017 5:15	29.04	75.7	5.86	1.6	SR5	9/1/2017 11:15	28.99	72.5	5.68	1.9	SR5	9/1/2017 17:15	29.29	70.8	5.49	2.4	SR5	9/1/2017 23:15	28.94	73.0	5.50	5.6
SR5	9/1/2017 5:20	29.02	75.6	5.86	1.7	SR5	9/1/2017 11:20	28.99	72.0	5.54	2.1	SR5	9/1/2017 17:20	29.17	69.4	5.37	2.4	SR5	9/1/2017 23:20	29.15	73.1	5.50	5.0
SR5	9/1/2017 5:25	29.11	74.7	5.79	1.9	SR5	9/1/2017 11:25	28.99	71.3	5.57	1.9	SR5	9/1/2017 17:25	29.19	69.1	5.35	2.4	SR5	9/1/2017 23:25	29.03	73.1	5.46	5.4
SR5	9/1/2017 5:30	29.41	74.9	5.84	1.9	SR5	9/1/2017 11:30	28.91	70.1	5.48	2.1	SR5	9/1/2017 17:30	29.19	69.2	5.39	2.4	SR5	9/1/2017 23:30	29.04	73.4	5.51	5.1
SR5	9/1/2017 5:35	29.26	75.0	5.86	1.6	SR5	9/1/2017 11:35	28.96	70.1	5.49	2.0	SR5	9/1/2017 17:35	29.16	69.0	5.33	2.7	SR5	9/1/2017 23:35	28.95	74.0	5.56	4.8
SR5	9/1/2017 5:40	29.28	75.0	5.82	2.2	SR5	9/1/2017 11:40	28.96	70.4	5.48	2.3	SR5	9/1/2017 17:40	29.23	69.9	5.48	2.6	SR5	9/1/2017 23:40	29.08	74.1	5.56	4.1
SR5	9/1/2017 5:45	29.21	73.8	5.73	1.7	SR5	9/1/2017 11:45	28.88	70.3	5.46	2.0	SR5	9/1/2017 17:45	29.19	68.3	5.33	2.8	SR5	9/1/2017 23:45	29.16	74.5	5.59	5.1
SR5	9/1/2017 5:50	29.29	74.2	5.75	2.1	SR5	9/1/2017 11:50	28.98	69.2	5.34	2.0	SR5	9/1/2017 17:50	29.23	69.0	5.30	2.5	SR5	9/1/2017 23:50	29.23	74.6	5.59	5.7
SR5	9/1/2017 5:55	29.20	74.4	5.84	2.1	SR5	9/1/2017 11:55	28.99	69.2	5.44	2.4	SR5	9/1/2017 17:55	29.36	70.1	5.40	3.1	SR5	9/1/2017 23:55	29.12	75.0	5.62	5.7

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR12	9/1/2017 0:01	28.64	74.1	5.69	6.5	SR12	9/1/2017 6:01	29.24	68.1	5.27	5.8	SR12	9/1/2017 12:01	29.02	67.1	5.21	6.9	SR12	9/1/2017 18:01	29.32	68.2	5.22	6.1
SR12	9/1/2017 0:06	28.65	74.6	5.73	3.2	SR12	9/1/2017 6:06	29.19	69.2	5.36	8.2	SR12	9/1/2017 12:06	28.93	68.4	5.31	6.0	SR12	9/1/2017 18:06	29.15	68.0	5.20	5.9
SR12	9/1/2017 0:11	28.82	73.8	5.67	3.2	SR12	9/1/2017 6:11	29.35	68.2	5.28	7.7	SR12	9/1/2017 12:11	28.88	69.5	5.39	5.7	SR12	9/1/2017 18:11	29.31	68.9	5.26	7.6
SR12	9/1/2017 0:16	28.85	74.1	5.69	6.0	SR12	9/1/2017 6:16	29.23	68.8	5.33	7.0	SR12	9/1/2017 12:16	28.99	73.5	5.71	8.3	SR12	9/1/2017 18:16	29.32	68.0	5.19	7.3
SR12	9/1/2017 0:21	28.80	73.7	5.66	3.4	SR12	9/1/2017 6:21	29.07	67.8	5.26	8.9	SR12	9/1/2017 12:21	29.00	71.7	5.57	5.7	SR12	9/1/2017 18:21	29.34	66.6	5.09	7.0
SR12	9/1/2017 0:26	29.02	74.7	5.73	3.5	SR12	9/1/2017 6:26	29.04	68.3	5.30	8.1	SR12	9/1/2017 12:26	29.04	70.6	5.48	6.2	SR12	9/1/2017 18:26	29.25	66.3	5.07	8.6
SR12	9/1/2017 0:31	28.89	74.4	5.71	5.7	SR12	9/1/2017 6:31	29.00	68.8	5.33	5.6	SR12	9/1/2017 12:31	29.07	70.6	5.49	7.1	SR12	9/1/2017 18:31	29.23	67.5	5.16	6.5
SR12	9/1/2017 0:36	28.92	74.5	5.72	3.6	SR12	9/1/2017 6:36	29.01	68.5	5.31	7.7	SR12	9/1/2017 12:36	29.01	69.3	5.38	9.2	SR12	9/1/2017 18:36	29.24	67.7	5.18	8.5
SR12	9/1/2017 0:41	29.04	74.0	5.69	5.5	SR12	9/1/2017 6:41	29.05	68.2	5.29	8.5	SR12	9/1/2017 12:41	29.01	66.9	5.20	8.4	SR12	9/1/2017 18:41	29.35	66.1	5.06	8.1
SR12	9/1/2017 0:46	29.14	74.8	5.75	5.6	SR12	9/1/2017 6:46	29.07	69.2	5.37	6.7	SR12	9/1/2017 12:46	28.99	67.4	5.24	9.4	SR12	9/1/2017 18:46	29.38	67.0	5.12	8.1
SR12	9/1/2017 0:51	28.81	74.2	5.70	6.3	SR12	9/1/2017 6:51	29.10	68.4	5.31	7.8	SR12	9/1/2017 12:51	29.02	66.0	5.13	7.8	SR12	9/1/2017 18:51	29.23	67.9	5.19	7.2
SR12	9/1/2017 0:56	28.99	74.6	5.73	2.3	SR12	9/1/2017 6:56	28.91	68.3	5.29	7.7	SR12	9/1/2017 12:56	28.91	66.1	5.14	6.8	SR12	9/1/2017 18:56	29.17	67.2	5.14	6.8
SR12	9/1/2017 1:01	28.92	74.2	5.70	5.3	SR12	9/1/2017 7:01	29.01	67.6	5.24	5.6	SR12	9/1/2017 13:01	29.00	65.2	5.07	9.0	SR12	9/1/2017 19:01	29.07	69.4	5.30	6.2
SR12	9/1/2017 1:06	28.99	73.3	5.64	5.6	SR12	9/1/2017 7:06	28.94	67.8	5.26	6.0	SR12	9/1/2017 13:06	28.91	65.5	5.09	5.8	SR12	9/1/2017 19:06	29.09	70.6	5.38	8.8
SR12	9/1/2017 1:11	29.11	73.6	5.65	4.6	SR12	9/1/2017 7:11	28.83	69.4	5.38	6.9	SR12	9/1/2017 13:11	28.97	66.1	5.14	8.4	SR12	9/1/2017 19:11	29.09	70.6	5.38	7.4
SR12	9/1/2017 1:16	29.08	73.8	5.67	2.1	SR12	9/1/2017 7:16	28.83	68.6	5.32	7.3	SR12	9/1/2017 13:16	28.97	66.4	5.16	5.6	SR12	9/1/2017 19:16	29.03	70.6	5.38	8.0
SR12	9/1/2017 1:21	29.13	74.1	5.70	3.8	SR12	9/1/2017 7:21	28.83	69.5	5.39	7.2	SR12	9/1/2017 13:21	29.14	66.1	5.14	8.5	SR12	9/1/2017 19:21	28.89	70.8	5.40	8.6
SR12	9/1/2017 1:26	29.61	74.2	5.70	3.0	SR12	9/1/2017 7:26	28.84	68.7	5.32	6.0	SR12	9/1/2017 13:26	29.16	66.4	5.17	8.9	SR12	9/1/2017 19:26	28.99	70.0	5.34	8.5
SR12	9/1/2017 1:31	29.69	72.8	5.61	4.6	SR12	9/1/2017 7:31	28.81	68.4	5.31	8.3	SR12	9/1/2017 13:31	29.08	65.7	5.11	8.0	SR12	9/1/2017 19:31	28.92	70.1	5.34	6.5
SR12	9/1/2017 1:36	29.62	73.6	5.67	7.1	SR12	9/1/2017 7:36	28.82	68.8	5.34	7.6	SR12	9/1/2017 13:36	29.12	66.3	5.16	5.9	SR12	9/1/2017 19:36	29.05	68.7	5.26	9.6
SR12	9/1/2017 1:41	28.83	72.3	5.56	3.2	SR12	9/1/2017 7:41	28.77	68.7	5.33	8.0	SR12	9/1/2017 13:41	29.18	66.4	5.16	5.7	SR12	9/1/2017 19:41	28.97	70.1	5.37	5.3
SR12	9/1/2017 1:46	28.99	70.6	5.44	3.2	SR12	9/1/2017 7:46	28.97	68.4	5.31	8.8	SR12	9/1/2017 13:46	29.08	66.8	5.19	8.3	SR12	9/1/2017 19:46	28.99	69.3	5.31	8.7
SR12	9/1/2017 1:51	29.33	73.3	5.64	6.6	SR12	9/1/2017 7:51	29.00	69.5	5.40	5.1	SR12	9/1/2017 13:51	29.08	65.2	5.07	7.5	SR12	9/1/2017 19:51	28.98	68.5	5.25	7.4
SR12	9/1/2017 1:56	29.08	73.3	5.64	2.8	SR12	9/1/2017 7:56	29.09	68.3	5.30	7.2	SR12	9/1/2017 13:56	29.14	65.9	5.12	8.2	SR12	9/1/2017 19:56	29.01	67.2	5.15	8.1
SR12	9/1/2017 2:01	29.22	72.6	5.58	6.7	SR12	9/1/2017 8:01	29.07	70.4	5.46	8.3	SR12	9/1/2017 14:01	29.01	65.3	5.08	8.9	SR12	9/1/2017 20:01	28.97	68.1	5.22	8.2
SR12	9/1/2017 2:06	29.33	72.8	5.60	6.6	SR12	9/1/2017 8:06	29.13	70.8	5.50	7.3	SR12	9/1/2017 14:06	28.97	65.4	5.09	7.7	SR12	9/1/2017 20:06	28.98	68.2	5.23	6.9
SR12	9/1/2017 2:11	29.29	73.1	5.63	3.2	SR12	9/1/2017 8:11	29.11	69.3	5.38	**15.5**	SR12	9/1/2017 14:11	29.14	66.5	5.17	7.3	SR12	9/1/2017 20:11	28.88	68.1	5.22	7.7
SR12	9/1/2017 2:16	29.37	73.3	5.64	6.7	SR12	9/1/2017 8:16	29.09	70.5	5.47	8.8	SR12	9/1/2017 14:16	29.10	67.7	5.26	7.0	SR12	9/1/2017 20:16	28.99	67.4	5.17	6.8
SR12	9/1/2017 2:21	29.30	71.3	5.49	3.8	SR12	9/1/2017 8:21	29.08	70.0	5.43	7.6	SR12	9/1/2017 14:21	29.12	67.5	5.24	6.6	SR12	9/1/2017 20:21	28.88	66.9	5.13	8.5
SR12	9/1/2017 2:26	29.40	68.3	5.27	5.1	SR12	9/1/2017 8:26	29.05	69.5	5.39	5.8	SR12	9/1/2017 14:26	29.11	66.6	5.18	7.4	SR12	9/1/2017 20:26	28.83	67.3	5.17	5.7
SR12	9/1/2017 2:31	29.55	70.3	5.43	2.8	SR12	9/1/2017 8:31	29.22	69.8	5.42	8.5	SR12	9/1/2017 14:31	29.09	66.5	5.17	8.2	SR12	9/1/2017 20:31	28.78	67.1	5.15	6.2
SR12	9/1/2017 2:36	29.51	70.8	5.46	5.7	SR12	9/1/2017 8:36	29.28	69.5	5.40	6.7	SR12	9/1/2017 14:36	29.04	66.5	5.17	6.4	SR12	9/1/2017 20:36	28.75	67.6	5.19	5.5
SR12	9/1/2017 2:41	29.56	71.2	5.49	3.3	SR12	9/1/2017 8:41	29.21	70.9	5.50	7.1	SR12	9/1/2017 14:41	29.03	67.1	5.21	7.1	SR12	9/1/2017 20:41	28.86	66.4	5.09	9.2
SR12	9/1/2017 2:46	29.54	69.2	5.34	3.8	SR12	9/1/2017 8:46	29.12	70.0	5.44	7.5	SR12	9/1/2017 14:46	29.13	65.9	5.12	8.3	SR12	9/1/2017 20:46	28.82	67.8	5.20	9.3
SR12	9/1/2017 2:51	29.60	70.5	5.44	3.4	SR12	9/1/2017 8:51	29.19	69.4	5.39	5.9	SR12	9/1/2017 14:51	29.18	66.3	5.15	7.2	SR12	9/1/2017 20:51	28.99	66.1	5.08	6.9
SR12	9/1/2017 2:56	29.52	69.5	5.36	2.9	SR12	9/1/2017 8:56	29.05	69.6	5.40	9.1	SR12	9/1/2017 14:56	28.98	65.3	5.07	7.6	SR12	9/1/2017 20:56	28.92	66.8	5.13	5.2
SR12	9/1/2017 3:01	29.45	69.2	5.34	4.8	SR12	9/1/2017 9:01	29.06	69.2	5.37	8.7	SR12	9/1/2017 15:01	29.16	67.0	5.20	8.9	SR12	9/1/2017 21:01	28.89	67.2	5.16	6.4
SR12	9/1/2017 3:06	29.47	68.8	5.31	7.4	SR12	9/1/2017 9:06	29.10	66.4	5.17	8.2	SR12	9/1/2017 15:06	29.15	65.9	5.12	8.2	SR12	9/1/2017 21:06	28.98	65.4	5.03	6.3
SR12	9/1/2017 3:11	29.34	69.1	5.34	6.0	SR12	9/1/2017 9:11	29.12	68.5	5.33	8.0	SR12	9/1/2017 15:11	29.11	65.8	5.12	5.6	SR12	9/1/2017 21:11	28.90	65.1	5.00	7.1
SR12	9/1/2017 3:16	29.34	69.4	5.36	3.6	SR12	9/1/2017 9:16	29.11	67.2	5.23	6.3	SR12	9/1/2017 15:16	29.00	66.6	5.18	7.9	SR12	9/1/2017 21:16	28.90	64.3	4.94	5.1
SR12	9/1/2017 3:21	29.87	69.1	5.34	3.5	SR12	9/1/2017 9:21	29.08	67.3	5.24	9.4	SR12	9/1/2017 15:21	28.98	66.1	5.14	9.1	SR12	9/1/2017 21:21	29.02	66.6	5.16	6.6
SR12	9/1/2017 3:26	29.69	68.4	5.29	5.6	SR12	9/1/2017 9:26	29.01	67.4	5.25	8.7	SR12	9/1/2017 15:26	29.03	66.0	5.13	7.5	SR12	9/1/2017 21:26	28.95	65.4	5.07	6.9
SR12	9/1/2017 3:31	29.59	69.4	5.36	5.9	SR12	9/1/2017 9:31	28.99	66.9	5.20	9.2	SR12	9/1/2017 15:31	28.94	64.6	5.02	6.3	SR12	9/1/2017 21:31	28.96	65.7	5.09	5.6
SR12	9/1/2017 3:36	29.61	69.6	5.37	4.9	SR12	9/1/2017 9:36	29.21	67.4	5.25	6.9	SR12	9/1/2017 15:36	29.02	65.8	5.10	5.8	SR12	9/1/2017 21:36	28.88	66.0	5.12	7.5
SR12	9/1/2017 3:41	29.78	69.0	5.33	5.0	SR12	9/1/2017 9:41	29.19	67.6	5.26	8.8	SR12	9/1/2017 15:41	29.12	67.6	5.23	7.6	SR12	9/1/2017 21:41	29.03	66.2	5.13	5.8
SR12	9/1/2017 3:46	29.56	70.3	5.42	7.1	SR12	9/1/2017 9:46	29.23	68.2	5.31	8.5	SR12	9/1/2017 15:46	29.00	68.5	5.29	8.6	SR12	9/1/2017 21:46	28.92	66.3	5.13	6.0
SR12	9/1/2017 3:51	29.47	70.4	5.44	5.9	SR12	9/1/2017 9:51	29.15	66.9	5.20	6.9	SR12	9/1/2017 15:51	29.07	66.6	5.15	6.1	SR12	9/1/2017 21:51	28.92	66.7	5.17	6.0
SR12	9/1/2017 3:56	29.57	70.0	5.40	3.1	SR12	9/1/2017 9:56	28.98	67.2	5.23	8.5	SR12	9/1/2017 15:56	29.07	66.4	5.13	8.4	SR12	9/1/2017 21:56	29.00	66.7	5.17	6.3
SR12	9/1/2017 4:01	29.76	70.3	5.42	5.0	SR12	9/1/2017 10:01	29.04	66.5	5.17	6.5	SR12	9/1/2017 16:01	29.13	67.0	5.17	8.3	SR12	9/1/2017 22:01	28.80	65.9	5.11	7.8
SR12	9/1/2017 4:06	29.78	70.5	5.43	6.3	SR12	9/1/2017 10:06	29.05	66.0	5.14	6.5	SR12	9/1/2017 16:06	29.21	64.8	5.01	8.4	SR12	9/1/2017 22:06	28.73	66.6	5.16	6.3
SR12	9/1/2017 4:11	29.75	70.9	5.46	6.6	SR12	9/1/2017 10:11	29.16	67.1	5.22	9.2	SR12	9/1/2017 16:11	29.06	65.5	5.07	5.7	SR12	9/1/2017 22:11	28.75	65.7	5.09	7.7
SR12	9/1/2017 4:16	29.76	70.4	5.42	7.4	SR12	9/1/2017 10:16	29.08	67.5	5.25	6.8	SR12	9/1/2017 16:16	29.21	66.3	5.14	9.0	SR12	9/1/2017 22:16	28.73	65.4	5.07	6.2
SR12	9/1/2017 4:21	29.97	71.2	5.49	4.8	SR12	9/1/2017 10:21	29.13	67.4	5.24	5.8	SR12	9/1/2017 16:21	29.20	66.5	5.15	7.0	SR12	9/1/2017 22:21	28.79	66.1	5.12	7.8
SR12	9/1/2017 4:26	29.86	71.3	5.50	4.5	SR12	9/1/2017 10:26	29.01	66.7	5.18	9.2	SR12	9/1/2017 16:26	29.26	65.5	5.05	7.8	SR12	9/1/2017 22:26	28.82	65.8	5.10	6.1
SR12	9/1/2017 4:31	29.09	71.3	5.50	7.0	SR12	9/1/2017 10:31	28.92	68.0	5.28	8.8	SR12	9/1/2017 16:31	29.23	64.8	5.01	6.3	SR12	9/1/2017 22:31	28.97	66.3	5.14	8.5
SR12	9/1/2017 4:36	29.20	71.5	5.51	6.4	SR12	9/1/2017 10:36	28.94	68.4	5.32	8.6	SR12	9/1/2017 16:36	29.28	66.9	5.18	6.7	SR12	9/1/2017 22:36	28.96	65.9	5.10	5.9
SR12	9/1/2017 4:41	29.16	71.2	5.49	6.5	SR12	9/1/2017 10:41	29.03	66.5	5.17	6.4	SR12	9/1/2017 16:41	29.12	65.4	5.07	9.0	SR12	9/1/2017 22:41	28.95	65.7	5.09	8.4
SR12	9/1/2017 4:46	29.28	71.3	5.50	3.4	SR12	9/1/2017 10:46	28.99	65.5	5.09	6.3	SR12	9/1/2017 16:46	29.13	65.8	5.08	7.0	SR12	9/1/2017 22:46	29.01	66.0	5.12	4.9
SR12	9/1/2017 4:51	29.21	71.2	5.49	5.8	SR12	9/1/2017 10:51	28.93	66.8	5.19	7.1	SR12	9/1/2017 16:51	29.24	66.2	5.10	9.4	SR12	9/1/2017 22:51	28.96	65.8	5.10	7.9
SR12	9/1/2017 4:56	29.23	70.6	5.46	7.1	SR12	9/1/2017 10:56	28.93	67.6	5.25	6.3	SR12	9/1/2017 16:56	29.30	66.2	5.11	8.4	SR12	9/1/2017 22:56	28.94	66.3	5.13	6.4
SR12	9/1/2017 5:01	29.22	69.2	5.36	4.9	SR12	9/1/2017 11:01	29.04	66.8	5.19	7.3	SR12	9/1/2017 17:01	29.28	65.9	5.07	5.8	SR12	9/1/2017 23:01	29.00	66.3	5.14	9.0
SR12	9/1/2017 5:06	29.21	69.9	5.41	6.9	SR12	9/1/2017 11:06	28.94	69.3	5.39	7.7	SR12	9/1/2017 17:06	29.21	67.6	5.20	9.3	SR12	9/1/2017 23:06	29.01	65.5	5.08	7.1
SR12	9/1/2017 5:11	29.21	69.7	5.40	5.7	SR12	9/1/2017 11:11	29.05	67.6	5.25	7.8	SR12	9/1/2017 17:11	29.19	67.4	5.18	6.4	SR12	9/1/2017 23:11	28.94	66.2	5.13	5.8
SR12	9/1/2017 5:16	29.09	69.6	5.39	5.4	SR12	9/1/2017 11:16	29.00	68.2	5.30	9.3	SR12	9/1/2017 17:16	29.14	67.7	5.20	9.3	SR12	9/1/2017 23:16	29.04	66.4	5.14	8.1
SR12	9/1/2017 5:21	29.20	68.4	5.29	4.8	SR12	9/1/2017 11:21	29.08	68.5	5.32	9.0	SR12	9/1/2017 17:21	29.27	66.2	5.13	5.6	SR12	9/1/2017 23:21	29.08	65.4	5.06	6.1
SR12	9/1/2017 5:26	29.27	68.0	5.26	8.1	SR12	9/1/2017 11:26	29.00	68.4	5.32	8.7	SR12	9/1/2017 17:26	29.27	66.2	5.13	6.3	SR12	9/1/2017 23:26	28.97	65.5	5.03	8.4
SR12	9/1/2017 5:31	29.01	68.0	5.27	5.9	SR12	9/1/2017 11:31	29.01	68.3	5.31	9.0	SR12	9/1/2017 17:31	29.26	65.8	5.10	9.1	SR12	9/1/2017 23:31	28.99	66.3	5.14	5.2
SR12	9/1/2017 5:36	29.12	68.8	5.33	7.2	SR12	9/1/2017 11:36	28.96	68.2	5.30	8.3	SR12	9/1/2017 17:36	29.27	66.2	5.13	7.5	SR12	9/1/2017 23:36	29.07	66.5	5.15	8.0
SR12	9/1/2017 5:41	29.22	70.4	5.46	8.2	SR12	9/1/2017 11:41	28.93	67.7	5.26	6.0	SR12	9/1/2017 17:41	29.29	65.6	5.08	9.0	SR12	9/1/2017 23:41	29.02	66.7	5.17	9.3
SR12	9/1/2017 5:46	29.23	70.1	5.43	8.9	SR12	9/1/2017 11:46	29.00	67.9	5.28	7.3	SR12	9/1/2017 17:46	29.18	64.5	4.94	5.9	SR12	9/1/2017 23:46	28.97	66.1	5.12	6.9
SR12	9/1/2017 5:51	29.23	68.5	5.31	6.2	SR12	9/1/2017 11:51	28.86	67.5	5.25	8.0	SR12	9/1/2017 17:51	29.33	65.0	4.98	7.3	SR12	9/1/2017 23:51	28.97	66.4	5.15	5.9
SR12	9/1/2017 5:56	29.22	68.3	5.29	8.3	SR12	9/1/2017 11:56	29.01	68.3	5.31	7.0	SR12	9/1/2017 17:56	29.21	66.5	5.09	9.3	SR12	9/1/2017 23:56	29.03	66.8	5.17	6.5

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR13	9/1/2017 0:00	28.34	80.7	6.18	5.1	SR13	9/1/2017 6:00	28.15	72.4	5.53	6.5	SR13	9/1/2017 12:00	28.05	69.2	5.32	6.7	SR13	9/1/2017 18:00	29.28	69.0	5.25	6.4
SR13	9/1/2017 0:05	28.35	80.6	6.19	6.2	SR13	9/1/2017 6:05	28.14	72.7	5.56	7.7	SR13	9/1/2017 12:05	28.08	70.8	5.44	7.6	SR13	9/1/2017 18:05	29.22	69.4	5.27	8.3
SR13	9/1/2017 0:10	28.36	79.9	6.13	6.0	SR13	9/1/2017 6:10	28.14	71.7	5.47	7.8	SR13	9/1/2017 12:10	28.09	71.8	5.51	5.9	SR13	9/1/2017 18:10	29.14	70.0	5.32	7.3
SR13	9/1/2017 0:15	28.36	80.1	6.15	7.0	SR13	9/1/2017 6:15	28.14	70.6	5.40	7.6	SR13	9/1/2017 12:15	28.09	74.1	5.70	5.6	SR13	9/1/2017 18:15	29.13	70.3	5.34	7.4
SR13	9/1/2017 0:20	28.36	79.7	6.11	11.3	SR13	9/1/2017 6:20	28.13	71.6	5.47	6.1	SR13	9/1/2017 12:20	28.09	73.1	5.62	5.8	SR13	9/1/2017 18:20	29.60	68.6	5.21	6.6
SR13	9/1/2017 0:25	28.36	80.7	6.18	6.4	SR13	9/1/2017 6:25	28.13	71.7	5.48	6.7	SR13	9/1/2017 12:25	28.10	72.5	5.57	5.3	SR13	9/1/2017 18:25	29.32	68.0	5.18	6.9
SR13	9/1/2017 0:30	28.35	80.7	6.20	6.3	SR13	9/1/2017 6:30	28.12	71.6	5.47	5.3	SR13	9/1/2017 12:30	28.11	72.4	5.57	7.8	SR13	9/1/2017 18:30	29.25	69.2	5.26	7.6
SR13	9/1/2017 0:35	28.35	80.5	6.19	6.3	SR13	9/1/2017 6:35	28.11	71.8	5.48	6.6	SR13	9/1/2017 12:35	28.12	72.8	5.60	5.0	SR13	9/1/2017 18:35	29.33	68.5	5.21	6.4
SR13	9/1/2017 0:40	28.34	80.5	6.17	7.8	SR13	9/1/2017 6:40	28.11	72.0	5.50	6.2	SR13	9/1/2017 12:40	28.13	69.9	5.37	5.2	SR13	9/1/2017 18:40	29.57	68.8	5.23	7.5
SR13	9/1/2017 0:45	28.34	80.7	6.19	6.1	SR13	9/1/2017 6:45	28.11	72.2	5.52	6.4	SR13	9/1/2017 12:45	28.14	69.7	5.36	5.0	SR13	9/1/2017 18:45	29.47	69.5	5.29	5.6
SR13	9/1/2017 0:50	28.34	80.9	6.21	6.2	SR13	9/1/2017 6:50	28.11	71.3	5.45	6.1	SR13	9/1/2017 12:50	28.15	69.1	5.32	7.5	SR13	9/1/2017 18:50	29.37	69.6	5.29	6.9
SR13	9/1/2017 0:55	28.35	80.4	6.18	7.4	SR13	9/1/2017 6:55	28.09	70.1	5.36	7.2	SR13	9/1/2017 12:55	28.16	69.1	5.31	6.6	SR13	9/1/2017 18:55	29.51	69.0	5.25	5.7
SR13	9/1/2017 1:00	28.35	80.3	6.17	5.3	SR13	9/1/2017 7:00	28.10	71.1	5.44	5.8	SR13	9/1/2017 13:00	28.17	68.7	5.29	6.9	SR13	9/1/2017 19:00	29.72	71.3	5.41	7.3
SR13	9/1/2017 1:05	28.35	79.8	6.14	7.2	SR13	9/1/2017 7:05	28.10	71.4	5.46	7.5	SR13	9/1/2017 13:05	28.17	69.4	5.34	4.8	SR13	9/1/2017 19:05	29.83	72.3	5.48	8.0
SR13	9/1/2017 1:10	28.35	78.9	6.07	8.2	SR13	9/1/2017 7:10	28.09	71.7	5.49	7.4	SR13	9/1/2017 13:10	28.17	70.1	5.40	6.9	SR13	9/1/2017 19:10	29.79	72.7	5.51	5.2
SR13	9/1/2017 1:15	28.35	80.0	6.15	7.3	SR13	9/1/2017 7:15	28.09	70.6	5.40	7.3	SR13	9/1/2017 13:15	28.17	69.9	5.39	6.0	SR13	9/1/2017 19:15	29.78	72.5	5.49	6.6
SR13	9/1/2017 1:20	28.35	79.2	6.10	7.0	SR13	9/1/2017 7:20	28.08	71.5	5.47	6.4	SR13	9/1/2017 13:20	28.17	69.5	5.35	7.2	SR13	9/1/2017 19:20	29.83	72.7	5.51	4.8
SR13	9/1/2017 1:25	28.35	80.3	6.18	5.5	SR13	9/1/2017 7:25	28.08	70.8	5.41	7.4	SR13	9/1/2017 13:25	28.17	69.5	5.35	4.4	SR13	9/1/2017 19:25	29.61	71.4	5.41	4.5
SR13	9/1/2017 1:30	28.33	79.3	6.11	7.6	SR13	9/1/2017 7:30	28.08	70.5	5.40	6.9	SR13	9/1/2017 13:30	28.17	69.5	5.35	5.8	SR13	9/1/2017 19:30	28.18	72.0	5.45	5.7
SR13	9/1/2017 1:35	28.33	79.1	6.09	6.9	SR13	9/1/2017 7:35	28.08	69.9	5.35	6.1	SR13	9/1/2017 13:35	28.18	67.6	5.21	6.6	SR13	9/1/2017 19:35	28.18	70.9	5.40	7.3
SR13	9/1/2017 1:40	28.34	78.9	6.09	6.5	SR13	9/1/2017 7:40	28.08	70.6	5.41	6.7	SR13	9/1/2017 13:40	28.19	69.2	5.33	4.9	SR13	9/1/2017 19:40	28.15	71.1	5.42	6.0
SR13	9/1/2017 1:45	28.34	76.3	5.89	7.1	SR13	9/1/2017 7:45	28.08	70.7	5.42	6.6	SR13	9/1/2017 13:45	28.19	68.4	5.27	6.7	SR13	9/1/2017 19:45	28.17	71.3	5.44	5.7
SR13	9/1/2017 1:50	28.34	79.0	6.08	6.8	SR13	9/1/2017 7:50	28.07	70.4	5.40	6.0	SR13	9/1/2017 13:50	28.18	68.1	5.25	4.8	SR13	9/1/2017 19:50	28.19	70.9	5.41	6.9
SR13	9/1/2017 1:55	28.35	79.4	6.12	7.4	SR13	9/1/2017 7:55	28.07	70.2	5.38	7.0	SR13	9/1/2017 13:55	28.19	68.1	5.25	6.4	SR13	9/1/2017 19:55	28.19	69.6	5.31	5.8
SR13	9/1/2017 2:00	28.35	78.7	6.06	6.5	SR13	9/1/2017 8:00	28.06	71.6	5.49	6.3	SR13	9/1/2017 14:00	28.21	68.1	5.24	6.1	SR13	9/1/2017 20:00	28.19	69.2	5.27	8.1
SR13	9/1/2017 2:05	28.35	78.6	6.06	7.9	SR13	9/1/2017 8:05	28.05	71.9	5.51	8.0	SR13	9/1/2017 14:05	28.21	67.8	5.23	6.4	SR13	9/1/2017 20:05	28.15	69.5	5.29	6.5
SR13	9/1/2017 2:10	28.34	78.8	6.07	6.0	SR13	9/1/2017 8:10	28.04	71.8	5.50	6.3	SR13	9/1/2017 14:10	28.22	68.9	5.31	7.4	SR13	9/1/2017 20:10	28.11	70.0	5.32	6.8
SR13	9/1/2017 2:15	28.31	79.6	6.12	5.8	SR13	9/1/2017 8:15	28.04	72.5	5.55	7.8	SR13	9/1/2017 14:15	28.22	70.2	5.40	6.4	SR13	9/1/2017 20:15	28.11	70.2	5.34	7.1
SR13	9/1/2017 2:20	28.27	76.4	5.88	8.4	SR13	9/1/2017 8:20	28.04	72.7	5.57	5.4	SR13	9/1/2017 14:20	28.22	69.3	5.33	6.2	SR13	9/1/2017 20:20	28.12	69.0	5.25	5.8
SR13	9/1/2017 2:25	28.23	74.2	5.73	5.2	SR13	9/1/2017 8:25	28.04	72.4	5.55	7.3	SR13	9/1/2017 14:25	28.21	68.4	5.27	5.6	SR13	9/1/2017 20:25	28.13	68.6	5.22	6.4
SR13	9/1/2017 2:30	28.29	75.6	5.82	6.7	SR13	9/1/2017 8:30	28.04	72.4	5.55	6.4	SR13	9/1/2017 14:30	28.20	67.9	5.23	6.9	SR13	9/1/2017 20:30	28.13	68.8	5.23	4.8
SR13	9/1/2017 2:35	28.30	76.8	5.92	7.7	SR13	9/1/2017 8:35	28.04	72.5	5.55	6.7	SR13	9/1/2017 14:35	28.18	68.3	5.26	5.5	SR13	9/1/2017 20:35	28.14	68.4	5.20	6.2
SR13	9/1/2017 2:40	28.31	76.9	5.93	7.7	SR13	9/1/2017 8:40	28.02	72.7	5.56	6.4	SR13	9/1/2017 14:40	28.18	68.8	5.29	6.5	SR13	9/1/2017 20:40	28.15	68.6	5.22	7.8
SR13	9/1/2017 2:45	28.31	75.0	5.79	8.0	SR13	9/1/2017 8:45	28.01	72.5	5.55	5.6	SR13	9/1/2017 14:45	28.18	68.6	5.28	5.0	SR13	9/1/2017 20:45	28.16	69.2	5.27	6.8
SR13	9/1/2017 2:50	28.31	75.6	5.83	6.3	SR13	9/1/2017 8:50	28.00	72.9	5.58	7.2	SR13	9/1/2017 14:50	28.19	68.8	5.29	7.4	SR13	9/1/2017 20:50	28.16	67.5	5.14	6.2
SR13	9/1/2017 2:55	28.30	75.8	5.85	5.8	SR13	9/1/2017 8:55	28.00	72.7	5.57	6.3	SR13	9/1/2017 14:55	28.20	67.9	5.23	6.0	SR13	9/1/2017 20:55	28.16	67.8	5.16	6.8
SR13	9/1/2017 3:00	28.30	74.1	5.72	6.3	SR13	9/1/2017 9:00	28.01	72.0	5.52	6.5	SR13	9/1/2017 15:00	28.14	69.5	5.35	7.1	SR13	9/1/2017 21:00	28.16	67.8	5.16	5.9
SR13	9/1/2017 3:05	28.30	74.5	5.75	6.7	SR13	9/1/2017 9:05	28.02	70.4	5.40	6.1	SR13	9/1/2017 15:05	28.09	69.1	5.32	5.0	SR13	9/1/2017 21:05	28.16	67.8	5.17	6.1
SR13	9/1/2017 3:10	28.30	74.1	5.72	7.1	SR13	9/1/2017 9:10	28.02	70.5	5.41	5.0	SR13	9/1/2017 15:10	28.09	67.9	5.23	6.8	SR13	9/1/2017 21:10	28.19	66.0	5.03	7.3
SR13	9/1/2017 3:15	28.29	74.3	5.73	7.4	SR13	9/1/2017 9:15	28.02	70.5	5.41	7.9	SR13	9/1/2017 15:15	28.14	67.3	5.18	6.1	SR13	9/1/2017 21:15	28.21	66.2	5.04	6.2
SR13	9/1/2017 3:20	28.29	75.0	5.79	7.4	SR13	9/1/2017 9:20	28.02	70.1	5.38	5.6	SR13	9/1/2017 15:20	28.07	67.8	5.22	4.9	SR13	9/1/2017 21:20	28.20	67.8	5.20	6.4
SR13	9/1/2017 3:25	28.28	73.9	5.72	7.9	SR13	9/1/2017 9:25	28.02	69.9	5.37	6.6	SR13	9/1/2017 15:25	28.32	68.5	5.28	6.3	SR13	9/1/2017 21:25	28.17	67.6	5.19	7.1
SR13	9/1/2017 3:30	28.26	74.5	5.75	7.1	SR13	9/1/2017 9:30	28.01	69.5	5.35	5.1	SR13	9/1/2017 15:30	28.22	66.5	5.11	5.1	SR13	9/1/2017 21:30	28.13	67.6	5.18	7.9
SR13	9/1/2017 3:35	28.26	74.6	5.76	6.8	SR13	9/1/2017 9:35	27.99	69.5	5.34	5.2	SR13	9/1/2017 15:35	28.37	69.7	5.36	6.6	SR13	9/1/2017 21:35	28.10	68.5	5.25	5.8
SR13	9/1/2017 3:40	28.26	74.4	5.74	6.6	SR13	9/1/2017 9:40	27.97	69.3	5.33	6.8	SR13	9/1/2017 15:40	28.47	70.1	5.39	5.3	SR13	9/1/2017 21:40	28.08	68.1	5.22	4.7
SR13	9/1/2017 3:45	28.25	75.8	5.85	7.9	SR13	9/1/2017 9:45	27.99	69.3	5.33	7.4	SR13	9/1/2017 15:45	28.38	70.7	5.43	6.5	SR13	9/1/2017 21:45	28.04	68.7	5.26	6.3
SR13	9/1/2017 3:50	28.25	76.1	5.87	5.3	SR13	9/1/2017 9:50	27.99	67.5	5.18	7.8	SR13	9/1/2017 15:50	28.16	69.5	5.34	6.9	SR13	9/1/2017 21:50	28.06	67.8	5.21	6.8
SR13	9/1/2017 3:55	28.22	76.0	5.87	6.6	SR13	9/1/2017 9:55	27.99	68.0	5.22	6.0	SR13	9/1/2017 15:55	28.24	69.9	5.37	7.1	SR13	9/1/2017 21:55	28.08	68.0	5.23	7.5
SR13	9/1/2017 4:00	28.22	75.6	5.82	5.9	SR13	9/1/2017 10:00	27.98	67.8	5.21	5.6	SR13	9/1/2017 16:00	28.31	69.2	5.32	4.7	SR13	9/1/2017 22:00	28.10	67.4	5.19	7.4
SR13	9/1/2017 4:05	28.24	75.5	5.81	5.7	SR13	9/1/2017 10:05	27.98	67.2	5.16	6.5	SR13	9/1/2017 16:05	28.23	68.2	5.24	6.9	SR13	9/1/2017 22:05	28.08	67.6	5.20	6.3
SR13	9/1/2017 4:10	28.24	76.0	5.86	6.5	SR13	9/1/2017 10:10	27.97	69.9	5.38	6.8	SR13	9/1/2017 16:10	28.65	68.5	5.28	7.7	SR13	9/1/2017 22:10	28.06	67.4	5.18	5.9
SR13	9/1/2017 4:15	28.23	76.4	5.89	5.6	SR13	9/1/2017 10:15	27.98	70.0	5.38	6.4	SR13	9/1/2017 16:15	28.73	68.7	5.29	5.0	SR13	9/1/2017 22:15	28.04	67.0	5.12	5.3
SR13	9/1/2017 4:20	28.21	76.3	5.89	6.6	SR13	9/1/2017 10:20	27.98	68.9	5.30	5.7	SR13	9/1/2017 16:20	28.84	68.4	5.27	6.1	SR13	9/1/2017 22:20	28.02	67.2	5.14	7.1
SR13	9/1/2017 4:25	28.21	76.6	5.91	7.1	SR13	9/1/2017 10:25	27.99	69.0	5.30	6.6	SR13	9/1/2017 16:25	29.13	68.6	5.26	5.6	SR13	9/1/2017 22:25	28.01	67.7	5.18	6.0
SR13	9/1/2017 4:30	28.20	74.0	5.64	6.3	SR13	9/1/2017 10:30	27.99	68.9	5.29	7.2	SR13	9/1/2017 16:30	29.28	67.5	5.18	6.6	SR13	9/1/2017 22:30	28.00	68.8	5.26	5.6
SR13	9/1/2017 4:35	28.21	74.4	5.67	6.9	SR13	9/1/2017 10:35	27.98	69.5	5.34	6.2	SR13						SR13	9/1/2017 22:35	27.99	68.9	5.26	6.9
SR13	9/1/2017 4:40	28.21	74.2	5.66	5.7	SR13	9/1/2017 10:40	27.98	68.0	5.22	5.5	SR13						SR13	9/1/2017 22:40	28.02	69.1	5.27	5.6
SR13	9/1/2017 4:45	28.19	74.6	5.69	7.4	SR13	9/1/2017 10:45	27.98	67.4	5.17	7.1	SR13						SR13	9/1/2017 22:45	28.04	68.7	5.24	7.7
SR13	9/1/2017 4:50	28.19	74.2	5.66	6.3	SR13	9/1/2017 10:50	27.98	67.8	5.21	7.4	SR13	9/1/2017 16:50	29.15	70.6	5.41	6.4	SR13	9/1/2017 22:50	28.03	68.0	5.20	5.6
SR13	9/1/2017 4:55	28.18	74.6	5.68	8.0	SR13	9/1/2017 10:55	27.98	68.9	5.30	7.1	SR13	9/1/2017 16:55	29.10	70.2	5.38	6.7	SR13	9/1/2017 22:55	28.03	68.0	5.19	5.8
SR13	9/1/2017 5:00	28.17	74.2	5.66	6.9	SR13	9/1/2017 11:00	27.98	69.3	5.32	6.9	SR13	9/1/2017 17:00	29.20	70.6	5.41	6.4	SR13	9/1/2017 23:00	28.03	68.3	5.22	5.7
SR13	9/1/2017 5:05	28.16	74.1	5.65	7.1	SR13	9/1/2017 11:05	27.98	70.1	5.39	6.4	SR13	9/1/2017 17:05	29.22	70.6	5.40	5.6	SR13	9/1/2017 23:05	28.02	68.3	5.22	6.9
SR13	9/1/2017 5:10	28.16	73.5	5.61	7.8	SR13	9/1/2017 11:10	27.97	69.8	5.36	6.7	SR13	9/1/2017 17:10	29.25	69.5	5.32	7.2	SR13	9/1/2017 23:10	28.01	67.5	5.16	5.8
SR13	9/1/2017 5:15	28.16	73.7	5.62	6.3	SR13	9/1/2017 11:15	27.97	71.1	5.47	7.4	SR13	9/1/2017 17:15	29.22	70.2	5.37	6.6	SR13	9/1/2017 23:15	28.02	68.0	5.19	5.2
SR13	9/1/2017 5:20	28.16	73.1	5.57	6.1	SR13	9/1/2017 11:20	27.97	70.6	5.43	6.1	SR13	9/1/2017 17:20	29.28	67.9	5.23	5.8	SR13	9/1/2017 23:20	28.04	68.6	5.24	7.0
SR13	9/1/2017 5:25	28.16	73.4	5.59	6.2	SR13	9/1/2017 11:25	27.97	70.3	5.41	7.6	SR13	9/1/2017 17:25	29.33	67.5	5.20	5.4	SR13	9/1/2017 23:25	28.03	68.3	5.18	5.6
SR13	9/1/2017 5:30	28.16	73.1	5.58	6.9	SR13	9/1/2017 11:30	27.95	68.9	5.30	7.1	SR13	9/1/2017 17:30	29.39	67.2	5.18	6.1	SR13	9/1/2017 23:30	28.00	69.4	5.30	5.1
SR13	9/1/2017 5:35	28.16	73.6	5.62	6.8	SR13	9/1/2017 11:35	27.98	69.0	5.30	6.7	SR13	9/1/2017 17:35	29.44	67.6	5.20	7.7	SR13	9/1/2017 23:35	27.99	70.2	5.36	7.1
SR13	9/1/2017 5:40	28.16	73.6	5.62	7.4	SR13	9/1/2017 11:40	28.00	70.0	5.38	6.7	SR13	9/1/2017 17:40	29.40	68.0	5.24	6.8	SR13	9/1/2017 23:40	27.98	70.0	5.34	6.2
SR13	9/1/2017 5:45	28.16	73.3	5.59	6.0	SR13	9/1/2017 11:45	28.01	69.4	5.34	7.4	SR13	9/1/2017 17:45	29.36	67.1	5.11	6.3	SR13	9/1/2017 23:45	27.97	70.2	5.35	8.2
SR13	9/1/2017 5:50	28.15	73.3	5.60	5.8	SR13	9/1/2017 11:50	28.02	69.4	5.33	4.8	SR13	9/1/2017 17:50	29.37	67.0	5.11	7.9	SR13	9/1/2017 23:50	27.96	70.1	5.35	8.2
SR13	9/1/2017 5:55	28.15	73.0	5.57	6.4	SR13	9/1/2017 11:55	28.04	68.9	5.29	6.8	SR13	9/1/2017 17:55	29.37	68.2	5.19	6.9	SR13	9/1/2017 23:55	27.96	69.9	5.33	6.8

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	9/1/2017 0:17	0.07				SR12	9/1/2017 0:17	0.08			
SR4	9/1/2017 0:37	0.09				SR12	9/1/2017 0:37	0.12			
SR4	9/1/2017 0:57	0.10				SR12	9/1/2017 0:57	0.10			
SR4	9/1/2017 1:17	0.08				SR12	9/1/2017 1:17	0.10			
SR4	9/1/2017 1:37	0.08				SR12	9/1/2017 1:37	0.09			
SR4	9/1/2017 1:57	0.08				SR12	9/1/2017 1:57	0.09			
SR4	9/1/2017 2:17	0.08				SR12	9/1/2017 2:17	0.10			
SR4	9/1/2017 2:37	0.07				SR12	9/1/2017 2:37	0.10			
SR4	9/1/2017 2:57	0.08				SR12	9/1/2017 2:57	0.09			
SR4	9/1/2017 3:17	0.08				SR12	9/1/2017 3:17	0.09			
SR4	9/1/2017 3:37	0.07				SR12	9/1/2017 3:37	0.09			
SR4	9/1/2017 3:57	0.08				SR12	9/1/2017 3:57	0.10			
SR4	9/1/2017 4:17	0.07				SR12	9/1/2017 4:17	0.11			
SR4	9/1/2017 4:37	0.08				SR12	9/1/2017 4:37	0.10			
SR4	9/1/2017 4:57	0.09				SR12	9/1/2017 4:57	0.09			
SR4	9/1/2017 5:17	0.08				SR12	9/1/2017 5:17	0.09			
SR4	9/1/2017 5:37	0.07				SR12	9/1/2017 5:37	0.10			
SR4	9/1/2017 5:57	0.08				SR12	9/1/2017 5:57	0.09			
SR4						SR12					
SR4	9/1/2017 6:37	0.08				SR12	9/1/2017 6:37	0.09			
SR4	9/1/2017 6:57	0.07				SR12	9/1/2017 6:57	0.10			
SR4	9/1/2017 7:17	0.08				SR12	9/1/2017 7:17	0.10			
SR4	9/1/2017 7:37	0.09				SR12	9/1/2017 7:37	0.11			
SR4	9/1/2017 7:57	0.08				SR12	9/1/2017 7:57	0.10			
SR4	9/1/2017 8:17	0.07				SR12	9/1/2017 8:17	0.09			
SR4	9/1/2017 8:37	0.08				SR12	9/1/2017 8:37	0.09			
SR4	9/1/2017 8:57	0.09				SR12	9/1/2017 8:57	0.10			
SR4	9/1/2017 9:17	0.09				SR12	9/1/2017 9:17	0.11			
SR4	9/1/2017 9:37	0.07				SR12	9/1/2017 9:37	0.10			
SR4	9/1/2017 9:57	0.08				SR12	9/1/2017 9:57	0.09			
SR4	9/1/2017 10:17	0.07				SR12	9/1/2017 10:17	0.10			
SR4	9/1/2017 10:37	0.11				SR12	9/1/2017 10:37	0.10			
SR4	9/1/2017 10:57	0.09				SR12	9/1/2017 10:57	0.11			
SR4	9/1/2017 11:17	0.08				SR12	9/1/2017 11:17	0.12			
SR4	9/1/2017 11:37	0.13				SR12	9/1/2017 11:37	0.10			
SR4	9/1/2017 11:57	0.10				SR12	9/1/2017 11:57	0.10			
SR4	9/1/2017 12:17	0.10				SR12	9/1/2017 12:17	0.10			
SR4	9/1/2017 12:37	0.09				SR12	9/1/2017 12:37	0.12			
SR4	9/1/2017 12:57	0.08				SR12	9/1/2017 12:57	0.10			
SR4	9/1/2017 13:17	0.07				SR12	9/1/2017 13:17	0.10			
SR4	9/1/2017 13:37	0.06				SR12	9/1/2017 13:37	0.10			
SR4	9/1/2017 13:57	0.06				SR12	9/1/2017 13:57	0.11			
SR4	9/1/2017 14:17	0.07				SR12	9/1/2017 14:17	0.09			
SR4	9/1/2017 14:37	0.06				SR12	9/1/2017 14:37	0.09			
SR4	9/1/2017 14:57	0.06				SR12	9/1/2017 14:57	0.10			
SR4	9/1/2017 15:17	0.05				SR12	9/1/2017 15:17	0.09			
SR4	9/1/2017 15:37	0.06				SR12	9/1/2017 15:37	0.10			
SR4	9/1/2017 15:57	0.06				SR12	9/1/2017 15:57	0.09			
SR4	9/1/2017 16:17	0.07				SR12	9/1/2017 16:17	0.09			
SR4	9/1/2017 16:37	0.08				SR12	9/1/2017 16:37	0.10			
SR4	9/1/2017 16:57	0.09				SR12	9/1/2017 16:57	0.09			
SR4	9/1/2017 17:17	0.08				SR12	9/1/2017 17:17	0.10			
SR4	9/1/2017 17:37	0.07				SR12	9/1/2017 17:37	0.08			
SR4	9/1/2017 17:57	0.06				SR12	9/1/2017 17:57	0.09			
SR4	9/1/2017 18:17	0.06				SR12	9/1/2017 18:17	0.08			
SR4	9/1/2017 18:37	0.05				SR12	9/1/2017 18:37	0.12			
SR4	9/1/2017 18:57	0.06				SR12	9/1/2017 18:57	0.13			
SR4	9/1/2017 19:17	0.07				SR12	9/1/2017 19:17	0.14			
SR4	9/1/2017 19:37	0.06				SR12	9/1/2017 19:37	0.12			
SR4	9/1/2017 19:57	0.05				SR12	9/1/2017 19:57	0.15			
SR4	9/1/2017 20:17	0.05				SR12	9/1/2017 20:17	0.12			
SR4	9/1/2017 20:37	0.06				SR12	9/1/2017 20:37	0.12			
SR4	9/1/2017 20:57	0.06				SR12	9/1/2017 20:57	0.12			
SR4	9/1/2017 21:17	0.07				SR12	9/1/2017 21:17	0.13			
SR4	9/1/2017 21:37	0.06				SR12	9/1/2017 21:37	0.15			
SR4	9/1/2017 21:57	0.06				SR12	9/1/2017 21:57	0.12			
SR4	9/1/2017 22:17	0.05				SR12	9/1/2017 22:17	0.13			
SR4	9/1/2017 22:37	0.06				SR12	9/1/2017 22:37	0.15			
SR4	9/1/2017 22:57	0.06				SR12	9/1/2017 22:57	0.13			
SR4	9/1/2017 23:17	0.08				SR12	9/1/2017 23:17	0.13			
SR4	9/1/2017 23:37	0.07				SR12	9/1/2017 23:37	0.14			
SR4	9/1/2017 23:57	0.06				SR12	9/1/2017 23:57	0.14			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.
SR13 monitoring station was under maintenance during 16:30-16:50.

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR4	9/2/2017 0:01	30.20	81.6	5.44	7.3	SR4	9/2/2017 6:01	29.70	80.5	5.39	6.5	SR4	9/2/2017 12:01	29.42	84.8	5.68	7.3	SR4	9/2/2017 18:01	29.90	90.9	6.00	3.9
SR4	9/2/2017 0:06	30.13	81.3	5.43	8.3	SR4	9/2/2017 6:06	29.75	80.0	5.36	7.5	SR4	9/2/2017 12:06	29.38	83.3	5.57	3.5	SR4	9/2/2017 18:06	29.93	89.8	5.93	4.5
SR4	9/2/2017 0:11	29.91	81.7	5.46	4.0	SR4	9/2/2017 6:11	29.80	78.3	5.25	5.8	SR4	9/2/2017 12:11	29.41	83.4	5.58	4.4	SR4	9/2/2017 18:11	29.95	70.0	4.63	2.1
SR4	9/2/2017 0:16	29.80	83.2	5.56	8.3	SR4	9/2/2017 6:16	29.79	79.4	5.32	7.1	SR4	9/2/2017 12:16	29.44	84.4	5.64	4.6	SR4	9/2/2017 18:16	29.88	104.4	6.91	1.4
SR4	9/2/2017 0:21	29.65	82.4	5.51	4.9	SR4	9/2/2017 6:21	29.84	77.3	5.18	7.2	SR4	9/2/2017 12:21	29.42	87.3	5.83	7.2	SR4	9/2/2017 18:21	29.69	103.8	7.28	2.4
SR4	9/2/2017 0:26	29.67	82.1	5.49	7.6	SR4	9/2/2017 6:26	29.84	75.5	5.06	4.9	SR4	9/2/2017 12:26	29.47	85.5	5.71	7.3	SR4	9/2/2017 18:26	29.60	75.9	5.02	3.8
SR4	9/2/2017 0:31	29.75	82.1	5.48	6.8	SR4	9/2/2017 6:31	29.87	73.1	4.90	8.0	SR4	9/2/2017 12:31	29.37	88.2	5.88	3.1	SR4	9/2/2017 18:31	29.60	105.3	8.86	2.8
SR4	9/2/2017 0:36	29.75	83.7	5.59	5.7	SR4	9/2/2017 6:36	29.83	71.3	4.78	7.5	SR4	9/2/2017 12:36	29.43	85.5	5.70	7.8	SR4	9/2/2017 18:36	29.63	103.9	8.87	1.2
SR4	9/2/2017 0:41	29.73	81.5	5.44	6.1	SR4	9/2/2017 6:41	29.83	73.5	4.93	8.0	SR4	9/2/2017 12:41	29.42	86.5	5.77	5.2	SR4	9/2/2017 18:41	29.66	100.4	7.91	5.0
SR4	9/2/2017 0:46	29.62	78.9	5.27	6.5	SR4	9/2/2017 6:46	29.71	73.6	4.93	6.9	SR4	9/2/2017 12:46	29.41	86.1	5.75	6.8	SR4	9/2/2017 18:46	29.79	105.0	7.55	4.2
SR4	9/2/2017 0:51	29.60	84.9	5.67	5.2	SR4	9/2/2017 6:51	29.71	76.7	5.14	4.7	SR4	9/2/2017 12:51	29.36	84.7	5.66	4.7	SR4	9/2/2017 18:51	29.83	96.1	6.37	3.5
SR4	9/2/2017 0:56	29.61	84.6	5.65	5.0	SR4	9/2/2017 6:56	29.69	80.1	5.37	4.3	SR4	9/2/2017 12:56	29.42	86.4	5.77	6.1	SR4	9/2/2017 18:56	29.85	82.5	5.47	3.3
SR4	9/2/2017 1:01	29.50	86.0	5.75	4.6	SR4	9/2/2017 7:01	29.70	79.4	5.32	6.9	SR4	9/2/2017 13:01	29.46	81.8	5.46	7.5	SR4	9/2/2017 19:01	29.87	86.3	5.72	2.7
SR4	9/2/2017 1:06	29.53	86.7	5.79	5.9	SR4	9/2/2017 7:06	29.90	78.7	5.27	4.2	SR4	9/2/2017 13:06	29.44	84.3	5.63	3.0	SR4	9/2/2017 19:06	29.88	91.9	6.10	2.6
SR4	9/2/2017 1:11	29.43	84.9	5.67	7.5	SR4	9/2/2017 7:11	29.97	79.7	5.34	4.4	SR4	9/2/2017 13:11	29.35	85.1	5.68	6.2	SR4	9/2/2017 19:11	29.82	89.6	5.95	0.6
SR4	9/2/2017 1:16	29.37	85.2	5.69	5.0	SR4	9/2/2017 7:16	29.96	78.8	5.28	8.2	SR4	9/2/2017 13:16	29.33	86.0	5.74	5.0	SR4	9/2/2017 19:16	29.79	90.6	6.01	0.7
SR4	9/2/2017 1:21	29.43	84.8	5.66	5.7	SR4	9/2/2017 7:21	30.00	78.9	5.29	4.4	SR4	9/2/2017 13:21	29.23	84.3	5.62	6.2	SR4	9/2/2017 19:21	29.73	90.8	6.02	4.6
SR4	9/2/2017 1:26	29.31	84.0	5.61	6.9	SR4	9/2/2017 7:26	29.97	77.4	5.19	6.1	SR4	9/2/2017 13:26	29.34	86.0	5.72	6.0	SR4	9/2/2017 19:26	29.69	89.5	5.94	3.9
SR4	9/2/2017 1:31	29.34	85.6	5.71	7.2	SR4	9/2/2017 7:31	29.92	76.1	5.10	8.0	SR4	9/2/2017 13:31	29.34	83.1	5.53	5.6	SR4	9/2/2017 19:31	29.74	89.9	5.97	4.8
SR4	9/2/2017 1:36	29.54	83.8	5.59	6.4	SR4	9/2/2017 7:36	29.92	76.0	5.10	7.2	SR4	9/2/2017 13:36	29.40	85.0	5.65	4.6	SR4	9/2/2017 19:36	29.76	98.7	6.55	5.2
SR4	9/2/2017 1:41	29.78	82.7	5.52	4.4	SR4	9/2/2017 7:41	29.91	76.5	5.13	6.5	SR4	9/2/2017 13:41	29.46	86.5	5.75	6.6	SR4	9/2/2017 19:41	29.75	84.7	5.63	1.3
SR4	9/2/2017 1:46	29.79	83.8	5.60	4.7	SR4	9/2/2017 7:46	29.84	76.3	5.11	8.0	SR4	9/2/2017 13:46	29.43	84.9	5.65	5.1	SR4	9/2/2017 19:46	29.75	101.5	8.94	3.7
SR4	9/2/2017 1:51	29.87	84.4	5.64	8.3	SR4	9/2/2017 7:51	29.74	75.3	5.05	5.7	SR4	9/2/2017 13:51	29.30	88.1	5.86	3.0	SR4	9/2/2017 19:51	29.72	80.6	5.36	2.6
SR4	9/2/2017 1:56	30.06	83.6	5.58	6.1	SR4	9/2/2017 7:56	29.77	76.6	5.13	6.9	SR4	9/2/2017 13:56	29.29	89.3	5.93	5.2	SR4	9/2/2017 19:56	29.79	62.6	4.16	1.3
SR4	9/2/2017 2:01	29.96	82.3	5.50	5.2	SR4	9/2/2017 8:01	29.78	77.5	5.20	7.3	SR4	9/2/2017 14:01	29.37	89.1	5.92	6.6	SR4	9/2/2017 20:01	29.82	101.4	6.74	1.7
SR4	9/2/2017 2:06	29.82	81.1	5.42	**11.1**	SR4	9/2/2017 8:06	29.80	77.2	5.18	5.3	SR4	9/2/2017 14:06	29.41	87.4	5.81	6.3	SR4	9/2/2017 20:06	29.84	90.9	6.04	3.0
SR4	9/2/2017 2:11	29.75	81.0	5.41	5.4	SR4	9/2/2017 8:11	29.82	76.3	5.11	5.6	SR4	9/2/2017 14:11	29.40	88.0	5.84	4.7	SR4	9/2/2017 20:11	29.90	98.0	6.51	4.7
SR4	9/2/2017 2:16	29.81	79.2	5.30	8.2	SR4	9/2/2017 8:16	29.79	76.0	5.09	4.5	SR4	9/2/2017 14:16	29.25	88.7	5.88	3.0	SR4	9/2/2017 20:16	29.88	96.4	6.41	3.5
SR4	9/2/2017 2:21	30.09	78.5	5.25	5.8	SR4	9/2/2017 8:21	29.77	79.4	5.32	5.5	SR4	9/2/2017 14:21	29.23	89.5	5.94	5.8	SR4	9/2/2017 20:21	29.94	91.7	6.10	1.8
SR4	9/2/2017 2:26	30.34	79.5	5.32	6.1	SR4	9/2/2017 8:26	29.78	80.0	5.36	3.2	SR4	9/2/2017 14:26	29.23	88.9	5.90	5.8	SR4	9/2/2017 20:26	29.80	80.8	5.37	1.2
SR4	9/2/2017 2:31	30.27	80.2	5.36	4.6	SR4	9/2/2017 8:31	29.73	82.1	5.50	6.1	SR4	9/2/2017 14:31	29.17	89.6	5.94	8.0	SR4	9/2/2017 20:31	29.89	88.8	5.91	1.4
SR4	9/2/2017 2:36	30.22	81.7	5.46	7.2	SR4	9/2/2017 8:36	29.77	81.8	5.48	4.3	SR4	9/2/2017 14:36	29.09	89.5	5.93	4.3	SR4	9/2/2017 20:36	29.86	70.7	4.70	4.6
SR4	9/2/2017 2:41	30.03	81.1	5.42	3.9	SR4	9/2/2017 8:41	29.70	81.2	5.43	5.3	SR4	9/2/2017 14:41	29.13	88.3	5.85	7.2	SR4	9/2/2017 20:41	29.86	90.6	6.03	1.7
SR4	9/2/2017 2:46	29.95	80.3	5.37	3.1	SR4	9/2/2017 8:46	29.65	80.4	5.38	6.6	SR4	9/2/2017 14:46	29.16	87.7	5.81	7.8	SR4	9/2/2017 20:46	29.84	85.7	5.70	1.0
SR4	9/2/2017 2:51	29.87	77.5	5.18	2.9	SR4	9/2/2017 8:51	29.63	89.6	5.97	8.6	SR4	9/2/2017 14:51	29.12	87.7	5.81	7.8	SR4	9/2/2017 20:51	29.99	89.5	5.96	3.2
SR4	9/2/2017 2:56	29.87	80.6	5.39	3.6	SR4	9/2/2017 8:56	29.62	86.3	5.74	5.7	SR4	9/2/2017 14:56	29.16	89.3	5.92	7.5	SR4	9/2/2017 20:56	30.03	78.4	5.21	0.6
SR4	9/2/2017 3:01	29.90	79.0	5.29	3.0	SR4	9/2/2017 9:01	29.63	85.7	5.70	5.7	SR4	9/2/2017 15:01	29.25	87.7	5.81	3.0	SR4	9/2/2017 21:01	29.93	94.4	6.28	2.3
SR4	9/2/2017 3:06	29.93	80.2	5.37	4.4	SR4	9/2/2017 9:06	29.62	86.9	5.78	8.1	SR4	9/2/2017 15:06	29.25	89.0	5.89	4.6	SR4	9/2/2017 21:06	29.81	86.9	5.78	2.9
SR4	9/2/2017 3:11	29.86	79.1	5.29	3.9	SR4	9/2/2017 9:11	29.52	84.9	5.65	5.9	SR4	9/2/2017 15:11	29.29	91.1	6.03	6.3	SR4	9/2/2017 21:11	29.85	85.0	5.66	1.3
SR4	9/2/2017 3:16	29.84	79.1	5.30	4.2	SR4	9/2/2017 9:16	29.42	87.0	5.79	5.2	SR4	9/2/2017 15:16	29.37	89.1	5.89	7.6	SR4	9/2/2017 21:16	29.86	90.4	6.02	0.7
SR4	9/2/2017 3:21	29.76	79.2	5.30	8.1	SR4	9/2/2017 9:21	29.44	88.3	5.86	5.6	SR4	9/2/2017 15:21	29.42	89.5	5.92	8.3	SR4	9/2/2017 21:21	29.82	88.2	5.87	3.9
SR4	9/2/2017 3:26	30.31	80.1	5.36	7.1	SR4	9/2/2017 9:26	29.45	86.9	5.75	4.5	SR4	9/2/2017 15:26	29.36	89.9	5.95	3.5	SR4	9/2/2017 21:26	29.90	88.1	5.87	3.0
SR4	9/2/2017 3:31	30.24	79.1	5.29	4.3	SR4	9/2/2017 9:31	29.48	87.5	5.79	4.2	SR4	9/2/2017 15:31	29.38	87.0	5.76	4.4	SR4	9/2/2017 21:31	30.06	89.3	5.95	3.8
SR4	9/2/2017 3:36	30.10	80.9	5.42	5.3	SR4	9/2/2017 9:36	29.48	88.8	5.88	6.9	SR4	9/2/2017 15:36	29.42	89.0	5.88	5.4	SR4	9/2/2017 21:36	30.12	87.7	5.84	3.1
SR4	9/2/2017 3:41	29.97	80.0	5.35	5.3	SR4	9/2/2017 9:41	29.53	90.0	5.95	3.9	SR4	9/2/2017 15:41	29.41	90.1	5.96	4.7	SR4	9/2/2017 21:41	30.02	87.8	5.84	1.2
SR4	9/2/2017 3:46	29.96	78.5	5.26	3.8	SR4	9/2/2017 9:46	29.62	91.7	6.06	7.5	SR4	9/2/2017 15:46	29.40	88.2	5.83	4.2	SR4	9/2/2017 21:46	29.84	88.0	5.85	4.9
SR4	9/2/2017 3:51	30.00	77.6	5.20	5.0	SR4	9/2/2017 9:51	29.67	89.9	5.95	3.0	SR4	9/2/2017 15:51	29.03	87.8	5.81	5.5	SR4	9/2/2017 21:51	29.92	86.3	5.74	3.5
SR4	9/2/2017 3:56	29.97	77.3	5.17	4.2	SR4	9/2/2017 9:56	29.66	89.9	5.95	6.6	SR4	9/2/2017 15:56	29.09	90.9	6.01	3.3	SR4	9/2/2017 21:56	29.94	86.8	5.78	3.6
SR4	9/2/2017 4:01	29.92	77.7	5.21	6.5	SR4	9/2/2017 10:01	29.66	92.9	6.13	6.4	SR4	9/2/2017 16:01	29.08	89.6	5.92	3.7	SR4	9/2/2017 22:01	29.85	86.5	5.76	3.6
SR4	9/2/2017 4:06	29.92	79.9	5.35	7.7	SR4	9/2/2017 10:06	29.67	93.0	6.14	4.9	SR4	9/2/2017 16:06	29.09	87.7	5.80	4.1	SR4	9/2/2017 22:06	29.91	87.2	5.81	1.7
SR4	9/2/2017 4:11	29.91	76.5	5.13	5.2	SR4	9/2/2017 10:11	29.63	91.5	6.04	7.0	SR4	9/2/2017 16:11	29.08	90.6	5.99	3.9	SR4	9/2/2017 22:11	29.96	86.0	5.73	1.5
SR4	9/2/2017 4:16	29.90	79.2	5.31	3.0	SR4	9/2/2017 10:16	29.63	94.8	6.24	7.2	SR4	9/2/2017 16:16	29.13	87.8	5.80	3.7	SR4	9/2/2017 22:16	29.99	88.8	5.91	3.9
SR4	9/2/2017 4:21	29.86	78.0	5.23	7.0	SR4	9/2/2017 10:21	29.64	81.1	5.41	7.0	SR4	9/2/2017 16:21	29.19	87.8	5.80	3.1	SR4	9/2/2017 22:21	29.75	86.5	5.76	4.5
SR4	9/2/2017 4:26	29.79	78.2	5.24	6.3	SR4	9/2/2017 10:26	29.67	94.0	6.27	3.1	SR4	9/2/2017 16:26	29.22	89.1	5.89	3.2	SR4	9/2/2017 22:26	29.82	85.7	5.70	2.2
SR4	9/2/2017 4:31	29.77	76.7	5.14	5.0	SR4	9/2/2017 10:31	29.65	102.1	6.81	4.0	SR4	9/2/2017 16:31	29.22	89.2	5.90	5.8	SR4	9/2/2017 22:31	29.77	86.1	5.73	2.0
SR4	9/2/2017 4:36	29.72	73.6	4.93	3.7	SR4	9/2/2017 10:36	29.67	92.0	6.15	8.0	SR4	9/2/2017 16:36	29.29	90.3	5.97	7.0	SR4	9/2/2017 22:36	29.78	87.3	5.81	4.2
SR4	9/2/2017 4:41	29.77	72.2	4.84	4.3	SR4	9/2/2017 10:41	29.67	89.9	6.01	4.4	SR4	9/2/2017 16:41	29.34	91.3	6.03	3.8	SR4	9/2/2017 22:41	29.76	88.6	5.89	4.9
SR4	9/2/2017 4:46	29.85	73.6	4.93	6.8	SR4	9/2/2017 10:46	29.67	92.8	6.18	6.4	SR4	9/2/2017 16:46	29.36	91.4	6.03	4.3	SR4	9/2/2017 22:46	29.92	86.5	5.75	1.6
SR4	9/2/2017 4:51	29.87	77.0	5.16	4.5	SR4	9/2/2017 10:51	29.65	90.2	6.02	5.7	SR4	9/2/2017 16:51	29.35	90.5	5.97	8.5	SR4	9/2/2017 22:51	28.76	89.1	5.93	2.1
SR4	9/2/2017 4:56	29.80	78.2	5.24	4.9	SR4	9/2/2017 10:56	29.66	88.8	5.93	4.6	SR4	9/2/2017 16:56	29.35	90.5	5.98	5.9	SR4	9/2/2017 22:56	27.62	86.6	5.76	2.4
SR4	9/2/2017 5:01	29.80	76.8	5.15	3.8	SR4	9/2/2017 11:01	29.64	86.8	5.80	6.4	SR4	9/2/2017 17:01	29.36	91.1	6.01	5.8	SR4	9/2/2017 23:01	27.56	86.0	5.72	4.7
SR4	9/2/2017 5:06	29.76	73.2	4.90	3.9	SR4	9/2/2017 11:06	29.66	84.4	5.64	6.7	SR4	9/2/2017 17:06	29.36	91.1	6.02	5.6	SR4	9/2/2017 23:06	27.54	87.3	5.81	3.6
SR4	9/2/2017 5:11	29.71	74.4	4.99	6.6	SR4	9/2/2017 11:11	29.73	88.6	5.92	6.8	SR4	9/2/2017 17:11	29.41	90.2	5.96	5.3	SR4	9/2/2017 23:11	27.53	85.9	5.71	1.3
SR4	9/2/2017 5:16	29.72	81.4	5.45	5.5	SR4	9/2/2017 11:16	29.74	87.6	5.86	3.9	SR4	9/2/2017 17:16	29.42	90.0	5.94	7.7	SR4	9/2/2017 23:16	27.62	85.6	5.69	1.0
SR4	9/2/2017 5:21	29.73	80.5	5.40	7.6	SR4	9/2/2017 11:21	29.73	89.5	5.98	7.8	SR4	9/2/2017 17:21	29.40	90.5	5.97	8.3	SR4	9/2/2017 23:21	27.58	87.6	5.82	2.6
SR4	9/2/2017 5:26	29.68	78.8	5.29	4.4	SR4	9/2/2017 11:26	29.70	87.7	5.87	7.2	SR4	9/2/2017 17:26	29.59	93.6	6.18	3.8	SR4	9/2/2017 23:26	27.65	86.1	5.73	5.0
SR4	9/2/2017 5:31	29.71	79.5	5.33	7.6	SR4	9/2/2017 11:31	29.69	85.9	5.75	4.5	SR4	9/2/2017 17:31	29.61	92.5	6.11	3.3	SR4	9/2/2017 23:31	27.63	85.5	5.69	2.8
SR4	9/2/2017 5:36	29.69	77.6	5.21	4.4	SR4	9/2/2017 11:36	29.65	88.2	5.91	7.6	SR4	9/2/2017 17:36	29.61	93.6	6.18	3.1	SR4	9/2/2017 23:36	27.58	87.5	5.82	2.3
SR4	9/2/2017 5:41	29.70	77.3	5.18	7.7	SR4	9/2/2017 11:41	29.58	84.6	5.66	7.8	SR4	9/2/2017 17:41	29.73	93.3	6.15	7.4	SR4	9/2/2017 23:41	27.66	86.4	5.74	0.9
SR4	9/2/2017 5:46	29.74	80.6	5.40	6.7	SR4	9/2/2017 11:46	29.51	84.1	5.62	7.3	SR4	9/2/2017 17:46	29.76	91.1	6.01	3.5	SR4	9/2/2017 23:46	27.62	84.7	5.63	2.0
SR4	9/2/2017 5:51	29.72	79.5	5.33	2.8	SR4	9/2/2017 11:51	29.47	83.6	5.59	7.9	SR4	9/2/2017 17:51	29.86	90.3	5.96	3.9	SR4	9/2/2017 23:51	27.64	83.6	5.56	2.0
SR4	9/2/2017 5:56	29.74	80.7	5.41	5.1	SR4	9/2/2017 11:56	29.45	85.8	5.74	3.4	SR4	9/2/2017 17:56	29.86	90.9	6.00	2.6	SR4	9/2/2017 23:56	27.70	87.0	5.79	4.1

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR5	9/2/2017 0:00	29.25	81.4	5.71	5.1	SR5	9/2/2017 6:00	27.97	84.2	5.97	5.5	SR5	9/2/2017 12:00	27.69	79.0	5.58	4.8	SR5	9/2/2017 18:00	27.42	79.9	5.58	5.9
SR5	9/2/2017 0:05	29.21	81.4	5.72	5.3	SR5	9/2/2017 6:05	27.87	83.5	5.92	4.3	SR5	9/2/2017 12:05	27.69	78.2	5.52	5.6	SR5	9/2/2017 18:05	27.29	79.2	5.54	4.6
SR5	9/2/2017 0:10	29.12	81.9	5.75	4.6	SR5	9/2/2017 6:10	28.01	81.6	5.80	5.2	SR5	9/2/2017 12:10	27.59	78.3	5.53	4.4	SR5	9/2/2017 18:10	27.38	69.8	**4.93**	4.8
SR5	9/2/2017 0:15	29.11	82.8	5.81	5.8	SR5	9/2/2017 6:15	27.87	82.2	5.84	4.4	SR5	9/2/2017 12:15	27.56	78.7	5.54	4.9	SR5	9/2/2017 18:15	27.44	87.3	6.09	5.9
SR5	9/2/2017 0:20	29.14	82.3	5.78	5.2	SR5	9/2/2017 6:20	27.83	80.7	5.74	4.4	SR5	9/2/2017 12:20	27.55	79.8	5.62	4.9	SR5	9/2/2017 18:20	27.27	87.3	6.31	5.6
SR5	9/2/2017 0:25	28.96	82.0	5.76	4.9	SR5	9/2/2017 6:25	28.06	79.6	5.66	4.4	SR5	9/2/2017 12:25	27.60	78.8	5.55	4.7	SR5	9/2/2017 18:25	27.34	73.8	5.21	4.3
SR5	9/2/2017 0:30	29.14	82.0	5.76	4.7	SR5	9/2/2017 6:30	27.99	78.3	5.58	5.5	SR5	9/2/2017 12:30	27.53	80.0	5.62	5.3	SR5	9/2/2017 18:30	27.30	88.4	7.12	4.5
SR5	9/2/2017 0:35	29.16	82.9	5.82	5.9	SR5	9/2/2017 6:35	28.00	77.2	5.50	5.6	SR5	9/2/2017 12:35	27.66	78.6	5.52	5.0	SR5	9/2/2017 18:35	27.40	87.4	7.11	5.3
SR5	9/2/2017 0:40	29.13	81.7	5.74	5.3	SR5	9/2/2017 6:40	27.87	78.2	5.56	4.8	SR5	9/2/2017 12:40	27.68	79.0	5.55	4.3	SR5	9/2/2017 18:40	27.32	85.3	6.62	4.3
SR5	9/2/2017 0:45	29.13	80.6	5.67	4.7	SR5	9/2/2017 6:45	27.86	78.1	5.55	4.1	SR5	9/2/2017 12:45	27.67	78.8	5.54	5.6	SR5	9/2/2017 18:45	27.28	87.3	6.42	5.0
SR5	9/2/2017 0:50	29.11	83.4	5.86	4.7	SR5	9/2/2017 6:50	27.89	79.5	5.65	4.4	SR5	9/2/2017 12:50	27.66	77.9	5.48	4.7	SR5	9/2/2017 18:50	27.32	82.4	5.80	4.6
SR5	9/2/2017 0:55	29.10	82.6	5.80	4.1	SR5	9/2/2017 6:55	27.97	81.0	5.75	4.9	SR5	9/2/2017 12:55	27.72	78.8	5.54	5.1	SR5	9/2/2017 18:55	27.21	75.6	5.35	5.3
SR5	9/2/2017 1:00	29.17	83.4	5.85	5.0	SR5	9/2/2017 7:00	27.83	80.4	5.71	5.4	SR5	9/2/2017 13:00	27.52	76.6	5.39	4.3	SR5	9/2/2017 19:00	27.24	77.5	5.49	4.7
SR5	9/2/2017 1:05	29.22	84.2	5.89	5.6	SR5	9/2/2017 7:05	27.86	79.8	5.67	5.6	SR5	9/2/2017 13:05	27.55	77.8	5.47	4.6	SR5	9/2/2017 19:05	27.33	80.2	5.67	5.9
SR5	9/2/2017 1:10	29.02	83.9	5.87	5.2	SR5	9/2/2017 7:10	27.92	80.0	5.69	5.6	SR5	9/2/2017 13:10	27.57	78.1	5.49	4.8	SR5	9/2/2017 19:10	27.25	79.1	5.60	5.4
SR5	9/2/2017 1:15	29.07	84.5	5.92	4.7	SR5	9/2/2017 7:15	27.83	79.3	5.63	5.9	SR5	9/2/2017 13:15	27.42	78.6	5.53	4.6	SR5	9/2/2017 19:15	27.33	79.6	5.63	5.5
SR5	9/2/2017 1:20	29.00	85.6	5.99	4.6	SR5	9/2/2017 7:20	27.84	79.1	5.62	5.6	SR5	9/2/2017 13:20	27.31	77.8	5.47	5.4	SR5	9/2/2017 19:20	27.28	79.3	5.61	5.0
SR5	9/2/2017 1:25	29.05	85.6	5.98	5.0	SR5	9/2/2017 7:25	27.87	78.4	5.57	4.2	SR5	9/2/2017 13:25	27.28	78.5	5.51	5.9	SR5	9/2/2017 19:25	27.28	78.7	5.57	4.3
SR5	9/2/2017 1:30	29.07	86.4	6.02	5.4	SR5	9/2/2017 7:30	27.90	78.4	5.57	5.8	SR5	9/2/2017 13:30	27.41	76.8	5.39	4.1	SR5	9/2/2017 19:30	27.40	78.2	5.52	5.3
SR5	9/2/2017 1:35	29.11	85.5	5.95	5.4	SR5	9/2/2017 7:35	27.84	78.2	5.56	5.1	SR5	9/2/2017 13:35	27.48	77.7	5.44	5.4	SR5	9/2/2017 19:35	27.40	82.5	5.81	4.6
SR5	9/2/2017 1:40	29.07	84.6	5.89	5.9	SR5	9/2/2017 7:40	27.93	78.2	5.56	4.3	SR5	9/2/2017 13:40	27.40	78.7	5.52	5.1	SR5	9/2/2017 19:40	27.40	75.6	5.35	5.4
SR5	9/2/2017 1:45	28.96	84.8	5.92	5.2	SR5	9/2/2017 7:45	27.90	77.8	5.53	4.2	SR5	9/2/2017 13:45	27.39	78.2	5.49	5.9	SR5	9/2/2017 19:45	27.29	83.4	6.96	5.1
SR5	9/2/2017 1:50	28.99	84.9	5.92	5.0	SR5	9/2/2017 7:50	28.01	77.1	5.48	5.2	SR5	9/2/2017 13:50	27.42	80.1	5.61	5.4	SR5	9/2/2017 19:50	27.35	73.2	5.19	5.6
SR5	9/2/2017 1:55	29.15	83.9	5.86	5.3	SR5	9/2/2017 7:55	27.83	77.5	5.50	5.8	SR5	9/2/2017 13:55	27.40	80.9	5.66	5.8	SR5	9/2/2017 19:55	27.25	64.4	**4.60**	4.2
SR5	9/2/2017 2:00	29.17	82.6	5.79	5.6	SR5	9/2/2017 8:00	27.84	78.2	5.55	5.5	SR5	9/2/2017 14:00	27.38	80.9	5.66	4.4	SR5	9/2/2017 20:00	27.36	84.0	5.90	4.8
SR5	9/2/2017 2:05	29.13	81.5	5.72	4.5	SR5	9/2/2017 8:05	28.00	78.2	5.55	4.2	SR5	9/2/2017 14:05	27.44	80.1	5.61	5.9	SR5	9/2/2017 20:05	27.25	78.7	5.55	5.8
SR5	9/2/2017 2:10	29.13	80.8	5.68	4.6	SR5	9/2/2017 8:10	27.90	78.4	5.57	4.1	SR5	9/2/2017 14:10	27.39	80.4	5.63	5.5	SR5	9/2/2017 20:10	27.32	82.1	5.77	5.4
SR5	9/2/2017 2:15	29.12	79.4	5.58	4.4	SR5	9/2/2017 8:15	27.98	78.3	5.56	5.7	SR5	9/2/2017 14:15	27.40	80.7	5.65	5.8	SR5	9/2/2017 20:15	27.24	81.2	5.72	5.7
SR5	9/2/2017 2:20	29.11	78.8	5.53	4.2	SR5	9/2/2017 8:20	27.89	80.5	5.71	4.5	SR5	9/2/2017 14:20	27.46	81.1	5.68	4.9	SR5	9/2/2017 20:20	27.30	78.7	5.54	5.0
SR5	9/2/2017 2:25	29.03	79.6	5.59	4.3	SR5	9/2/2017 8:25	28.04	80.8	5.73	4.3	SR5	9/2/2017 14:25	27.46	80.6	5.63	4.4	SR5	9/2/2017 20:25	27.15	73.3	5.18	4.5
SR5	9/2/2017 2:30	29.12	79.8	5.60	4.8	SR5	9/2/2017 8:30	27.92	81.6	5.78	5.1	SR5	9/2/2017 14:30	27.27	80.7	5.64	5.8	SR5	9/2/2017 20:30	27.20	77.5	5.46	5.1
SR5	9/2/2017 2:35	28.99	80.4	5.64	5.6	SR5	9/2/2017 8:35	28.01	81.1	5.74	5.9	SR5	9/2/2017 14:35	27.42	80.6	5.63	5.8	SR5	9/2/2017 20:35	27.12	68.3	**4.84**	5.0
SR5	9/2/2017 2:40	29.07	79.9	5.60	4.4	SR5	9/2/2017 8:40	27.92	80.5	5.69	5.2	SR5	9/2/2017 14:40	27.40	79.8	5.57	4.8	SR5	9/2/2017 20:40	27.25	78.5	5.52	5.4
SR5	9/2/2017 2:45	29.23	79.8	5.59	5.1	SR5	9/2/2017 8:45	27.90	79.9	5.65	4.8	SR5	9/2/2017 14:45	27.29	79.3	5.55	5.4	SR5	9/2/2017 20:45	27.25	76.4	5.38	6.3
SR5	9/2/2017 2:50	29.17	78.4	5.50	5.4	SR5	9/2/2017 8:50	27.88	84.1	5.91	4.1	SR5	9/2/2017 14:50	27.41	79.2	5.54	5.6	SR5	9/2/2017 20:50	27.13	78.6	5.52	6.2
SR5	9/2/2017 2:55	29.02	79.8	5.59	5.3	SR5	9/2/2017 8:55	27.94	82.1	5.77	5.3	SR5	9/2/2017 14:55	27.40	80.1	5.60	4.2	SR5	9/2/2017 20:55	27.11	73.3	5.17	5.7
SR5	9/2/2017 3:00	29.04	78.8	5.53	5.3	SR5	9/2/2017 9:00	27.99	81.4	5.71	5.4	SR5	9/2/2017 15:00	27.34	79.3	5.55	4.3	SR5	9/2/2017 21:00	27.26	81.5	5.71	6.6
SR5	9/2/2017 3:05	29.11	78.9	5.53	4.7	SR5	9/2/2017 9:05	27.95	81.8	5.74	4.1	SR5	9/2/2017 15:05	27.36	80.0	5.59	5.3	SR5	9/2/2017 21:05	27.10	78.0	5.48	5.9
SR5	9/2/2017 3:10	29.08	78.1	5.47	5.2	SR5	9/2/2017 9:10	27.89	80.7	5.67	5.0	SR5	9/2/2017 15:10	27.45	80.8	5.64	4.3	SR5	9/2/2017 21:10	27.28	77.1	5.43	5.2
SR5	9/2/2017 3:15	28.96	79.1	5.54	5.8	SR5	9/2/2017 9:15	28.00	81.7	5.73	4.5	SR5	9/2/2017 15:15	27.27	79.7	5.56	5.5	SR5	9/2/2017 21:15	27.12	80.1	5.62	6.6
SR5	9/2/2017 3:20	29.02	79.3	5.56	4.5	SR5	9/2/2017 9:20	28.05	82.5	5.78	5.8	SR5	9/2/2017 15:20	27.28	79.7	5.56	4.7	SR5	9/2/2017 21:20	27.14	79.1	5.56	6.1
SR5	9/2/2017 3:25	29.22	80.2	5.62	4.6	SR5	9/2/2017 9:25	27.87	82.1	5.75	4.2	SR5	9/2/2017 15:25	27.40	79.6	5.55	4.5	SR5	9/2/2017 21:25	27.15	79.3	5.57	6.0
SR5	9/2/2017 3:30	29.10	80.3	5.63	4.6	SR5	9/2/2017 9:30	27.97	82.8	5.80	4.7	SR5	9/2/2017 15:30	27.45	77.9	5.44	4.3	SR5	9/2/2017 21:30	27.11	79.9	5.61	6.0
SR5	9/2/2017 3:35	29.04	82.4	5.78	4.6	SR5	9/2/2017 9:35	27.86	83.7	5.86	4.8	SR5	9/2/2017 15:35	27.48	78.8	5.49	4.8	SR5	9/2/2017 21:35	27.07	79.2	5.55	6.3
SR5	9/2/2017 3:40	29.02	82.6	5.77	5.2	SR5	9/2/2017 9:40	27.96	84.6	5.93	5.6	SR5	9/2/2017 15:40	27.39	79.1	5.52	5.6	SR5	9/2/2017 21:40	27.04	79.6	5.58	6.0
SR5	9/2/2017 3:45	28.97	82.1	5.75	5.3	SR5	9/2/2017 9:45	27.87	85.7	5.99	5.5	SR5	9/2/2017 15:45	27.33	77.9	5.45	4.8	SR5	9/2/2017 21:45	27.16	80.3	5.63	5.3
SR5	9/2/2017 3:50	29.01	81.8	5.73	5.0	SR5	9/2/2017 9:50	27.97	84.7	5.94	5.8	SR5	9/2/2017 15:50	27.30	77.6	5.43	5.7	SR5	9/2/2017 21:50	27.02	80.3	5.63	5.0
SR5	9/2/2017 3:55	28.96	81.3	5.70	5.9	SR5	9/2/2017 9:55	27.87	84.8	5.95	5.0	SR5	9/2/2017 15:55	27.29	79.8	5.59	4.5	SR5	9/2/2017 21:55	27.01	81.4	5.71	5.1
SR5	9/2/2017 4:00	29.03	84.0	5.90	5.8	SR5	9/2/2017 10:00	27.96	86.1	6.02	4.8	SR5	9/2/2017 16:00	27.31	79.1	5.55	4.7	SR5	9/2/2017 22:00	26.97	81.7	5.73	6.0
SR5	9/2/2017 4:05	29.03	84.9	5.96	5.4	SR5	9/2/2017 10:05	27.95	85.7	5.99	5.8	SR5	9/2/2017 16:05	27.45	78.0	5.48	4.7	SR5	9/2/2017 22:05	26.97	81.9	5.74	6.4
SR5	9/2/2017 4:10	29.11	82.5	5.79	5.2	SR5	9/2/2017 10:10	27.98	84.4	5.90	4.6	SR5	9/2/2017 16:10	27.41	79.7	5.60	4.7	SR5	9/2/2017 22:10	27.13	81.2	5.69	6.3
SR5	9/2/2017 4:15	28.84	81.6	5.73	5.6	SR5	9/2/2017 10:15	27.97	85.7	5.97	5.4	SR5	9/2/2017 16:15	27.32	78.3	5.50	4.3	SR5	9/2/2017 22:15	27.09	82.6	5.77	5.1
SR5	9/2/2017 4:20	28.93	78.2	5.50	4.8	SR5	9/2/2017 10:20	28.00	78.5	5.54	5.9	SR5	9/2/2017 16:20	27.50	78.1	5.48	5.8	SR5	9/2/2017 22:20	27.01	81.9	5.72	6.8
SR5	9/2/2017 4:25	29.03	77.4	5.45	4.8	SR5	9/2/2017 10:25	28.00	84.7	5.94	5.3	SR5	9/2/2017 16:25	27.48	78.7	5.52	4.4	SR5	9/2/2017 22:25	27.00	81.7	5.70	6.1
SR5	9/2/2017 4:30	28.91	75.0	5.28	4.2	SR5	9/2/2017 10:30	27.98	88.6	6.20	4.4	SR5	9/2/2017 16:30	27.34	78.7	5.53	4.2	SR5	9/2/2017 22:30	27.10	81.8	5.71	5.3
SR5	9/2/2017 4:35	28.86	74.8	5.28	4.5	SR5	9/2/2017 10:35	27.80	83.6	5.87	5.3	SR5	9/2/2017 16:35	27.36	79.7	5.60	4.2	SR5	9/2/2017 22:35	27.07	82.4	5.75	6.0
SR5	9/2/2017 4:40	29.01	74.3	5.24	4.5	SR5	9/2/2017 10:40	27.89	82.6	5.81	4.6	SR5	9/2/2017 16:40	27.39	80.7	5.67	5.4	SR5	9/2/2017 22:40	27.05	83.2	5.80	5.9
SR5	9/2/2017 4:45	28.49	74.7	5.27	5.3	SR5	9/2/2017 10:45	27.82	83.8	5.88	4.2	SR5	9/2/2017 16:45	27.29	80.9	5.68	5.4	SR5	9/2/2017 22:45	27.05	82.1	5.72	6.3
SR5	9/2/2017 4:50	27.89	76.2	5.36	5.7	SR5	9/2/2017 10:50	27.70	82.3	5.79	4.5	SR5	9/2/2017 16:50	27.42	80.5	5.66	4.2	SR5	9/2/2017 22:50	26.95	83.1	5.80	6.9
SR5	9/2/2017 4:55	27.86	76.8	5.40	5.6	SR5	9/2/2017 10:55	27.83	81.5	5.73	5.0	SR5	9/2/2017 16:55	27.31	80.4	5.66	5.1	SR5	9/2/2017 22:55	26.89	81.3	5.68	6.8
SR5	9/2/2017 5:00	27.87	76.5	5.38	4.7	SR5	9/2/2017 11:00	27.75	80.4	5.66	5.9	SR5	9/2/2017 17:00	27.26	80.6	5.66	5.7	SR5	9/2/2017 23:00	26.88	80.6	5.63	5.1
SR5	9/2/2017 5:05	27.87	76.3	5.36	5.3	SR5	9/2/2017 11:05	27.82	79.1	5.58	5.7	SR5	9/2/2017 17:05	27.36	80.5	5.66	4.4	SR5	9/2/2017 23:05	26.92	81.4	5.68	5.8
SR5	9/2/2017 5:10	27.77	77.7	5.47	4.3	SR5	9/2/2017 11:10	27.87	81.1	5.71	4.5	SR5	9/2/2017 17:10	27.35	79.7	5.60	4.1	SR5	9/2/2017 23:10	26.94	80.3	5.60	6.5
SR5	9/2/2017 5:15	27.83	81.4	5.71	5.9	SR5	9/2/2017 11:15	27.89	80.6	5.69	4.1	SR5	9/2/2017 17:15	27.34	79.6	5.59	4.6	SR5	9/2/2017 23:15	26.80	79.3	5.53	6.3
SR5	9/2/2017 5:20	27.82	81.2	5.70	5.0	SR5	9/2/2017 11:20	27.78	81.5	5.75	4.1	SR5	9/2/2017 17:20	27.42	79.8	5.60	5.9	SR5	9/2/2017 23:20	26.89	80.2	5.59	5.0
SR5	9/2/2017 5:25	27.88	82.2	5.78	4.6	SR5	9/2/2017 11:25	27.86	80.6	5.69	5.1	SR5	9/2/2017 17:25	27.35	81.3	5.70	5.6	SR5	9/2/2017 23:25	26.97	79.3	5.52	6.4
SR5	9/2/2017 5:30	27.82	84.0	5.92	4.3	SR5	9/2/2017 11:30	27.80	79.6	5.62	4.4	SR5	9/2/2017 17:30	27.23	80.9	5.67	4.5	SR5	9/2/2017 23:30	26.97	78.9	5.50	6.3
SR5	9/2/2017 5:35	27.82	82.8	5.86	4.6	SR5	9/2/2017 11:35	27.81	80.9	5.71	5.3	SR5	9/2/2017 17:35	27.41	81.4	5.70	5.0	SR5	9/2/2017 23:35	26.90	80.1	5.58	5.2
SR5	9/2/2017 5:40	27.86	83.0	5.87	4.3	SR5	9/2/2017 11:40	27.74	79.1	5.59	4.4	SR5	9/2/2017 17:40	27.42	81.2	5.67	4.3	SR5	9/2/2017 23:40	26.96	79.4	5.53	5.3
SR5	9/2/2017 5:45	27.87	84.7	6.00	5.6	SR5	9/2/2017 11:45	27.76	78.7	5.56	4.2	SR5	9/2/2017 17:45	27.27	80.1	5.60	5.7	SR5	9/2/2017 23:45	26.83	78.5	5.47	6.2
SR5	9/2/2017 5:50	27.89	84.1	5.95	4.7	SR5	9/2/2017 11:50	27.75	78.4	5.53	5.3	SR5	9/2/2017 17:50	27.40	79.6	5.56	4.1	SR5	9/2/2017 23:50	26.90	78.2	5.45	6.8
SR5	9/2/2017 5:55	27.93	84.4	5.98	5.3	SR5	9/2/2017 11:55	27.72	79.6	5.61	5.8	SR5	9/2/2017 17:55	27.24	79.9	5.59	4.7	SR5	9/2/2017 23:55	26.91	80.4	5.60	5.9

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR12	9/2/2017 0:01	29.21	71.9	5.17	8.2	SR12	9/2/2017 6:01	27.85	72.5	5.24	8.1	SR12	9/2/2017 12:01	27.66	75.0	5.41	7.2	SR12	9/2/2017 18:01	27.33	77.2	5.50	6.9
SR12	9/2/2017 0:06	29.09	71.3	5.13	4.9	SR12	9/2/2017 6:06	28.00	71.3	5.15	4.9	SR12	9/2/2017 12:06	27.66	73.2	5.27	7.9	SR12	9/2/2017 18:06	27.40	76.5	5.45	5.7
SR12	9/2/2017 0:11	29.18	71.5	5.15	4.9	SR12	9/2/2017 6:11	27.82	71.3	5.16	8.3	SR12	9/2/2017 12:11	27.73	73.5	5.29	5.9	SR12	9/2/2017 18:11	27.37	67.3	4.86	5.7
SR12	9/2/2017 0:16	29.16	72.2	5.19	6.0	SR12	9/2/2017 6:16	27.80	72.2	5.22	7.2	SR12	9/2/2017 12:16	27.63	73.5	5.29	6.3	SR12	9/2/2017 18:16	27.45	84.9	6.03	8.9
SR12	9/2/2017 0:21	29.24	72.3	5.21	6.5	SR12	9/2/2017 6:21	27.85	70.6	5.10	6.7	SR12	9/2/2017 12:21	27.66	75.8	5.45	6.8	SR12	9/2/2017 18:21	27.34	83.3	6.11	8.0
SR12	9/2/2017 0:26	29.19	73.1	5.27	6.0	SR12	9/2/2017 6:26	28.02	69.8	5.05	9.5	SR12	9/2/2017 12:26	27.72	74.8	5.38	5.4	SR12	9/2/2017 18:26	27.26	70.0	5.03	5.1
SR12	9/2/2017 0:31	29.20	72.7	5.23	5.1	SR12	9/2/2017 6:31	27.81	68.1	4.94	4.9	SR12	9/2/2017 12:31	27.71	76.1	5.46	7.6	SR12	9/2/2017 18:31	27.30	85.1	6.99	5.2
SR12	9/2/2017 0:36	29.12	73.9	5.32	8.9	SR12	9/2/2017 6:36	27.90	67.6	4.91	8.0	SR12	9/2/2017 12:36	27.69	74.1	5.32	8.4	SR12	9/2/2017 18:36	27.37	83.2	6.90	6.1
SR12	9/2/2017 0:41	29.16	72.3	5.20	8.3	SR12	9/2/2017 6:41	27.98	68.5	4.96	6.7	SR12	9/2/2017 12:41	27.74	74.9	5.38	7.1	SR12	9/2/2017 18:41	27.44	81.8	6.45	7.0
SR12	9/2/2017 0:46	28.98	71.2	5.13	6.1	SR12	9/2/2017 6:46	27.99	69.1	5.01	7.9	SR12	9/2/2017 12:46	27.59	74.3	5.33	8.3	SR12	9/2/2017 18:46	27.45	84.1	6.27	5.6
SR12	9/2/2017 0:51	29.12	73.7	5.30	5.1	SR12	9/2/2017 6:51	27.96	69.6	5.03	8.1	SR12	9/2/2017 12:51	27.60	73.7	5.30	8.6	SR12	9/2/2017 18:51	27.41	79.6	5.67	8.1
SR12	9/2/2017 0:56	29.21	73.9	5.32	5.3	SR12	9/2/2017 6:56	27.98	72.3	5.22	6.7	SR12	9/2/2017 12:56	27.52	74.9	5.38	8.4	SR12	9/2/2017 18:56	27.34	73.0	5.23	9.3
SR12	9/2/2017 1:01	29.23	74.2	5.33	7.4	SR12	9/2/2017 7:01	27.92	72.0	5.21	6.9	SR12	9/2/2017 13:01	27.62	73.4	5.29	7.7	SR12	9/2/2017 19:01	27.39	74.9	5.36	9.3
SR12	9/2/2017 1:06	29.05	75.2	5.40	6.5	SR12	9/2/2017 7:06	27.88	72.0	5.21	6.5	SR12	9/2/2017 13:06	27.52	73.4	5.28	8.1	SR12	9/2/2017 19:06	27.21	78.7	5.63	7.1
SR12	9/2/2017 1:11	29.15	74.5	5.36	6.1	SR12	9/2/2017 7:11	27.92	71.1	5.13	9.1	SR12	9/2/2017 13:11	27.59	74.1	5.33	5.4	SR12	9/2/2017 19:11	27.34	76.8	5.49	7.8
SR12	9/2/2017 1:16	29.13	73.2	5.25	6.9	SR12	9/2/2017 7:16	27.83	72.0	5.21	5.0	SR12	9/2/2017 13:16	27.57	75.7	5.45	9.0	SR12	9/2/2017 19:16	27.30	76.6	5.47	7.7
SR12	9/2/2017 1:21	29.23	73.5	5.28	8.6	SR12	9/2/2017 7:21	27.92	72.0	5.21	7.0	SR12	9/2/2017 13:21	27.51	73.4	5.27	6.7	SR12	9/2/2017 19:21	27.22	77.7	5.56	6.1
SR12	9/2/2017 1:26	29.15	73.9	5.32	9.2	SR12	9/2/2017 7:26	27.93	71.4	5.17	9.3	SR12	9/2/2017 13:26	27.61	74.6	5.35	5.9	SR12	9/2/2017 19:26	27.29	76.5	5.47	7.8
SR12	9/2/2017 1:31	29.17	74.6	5.36	8.7	SR12	9/2/2017 7:31	27.95	70.5	5.10	6.2	SR12	9/2/2017 13:31	27.46	74.2	5.33	8.7	SR12	9/2/2017 19:31	27.40	77.1	5.52	6.5
SR12	9/2/2017 1:36	29.03	73.7	5.30	6.1	SR12	9/2/2017 7:36	27.97	70.1	5.08	8.4	SR12	9/2/2017 13:36	27.45	74.2	5.32	6.0	SR12	9/2/2017 19:36	27.22	80.8	5.75	6.6
SR12	9/2/2017 1:41	29.09	72.9	5.25	8.7	SR12	9/2/2017 7:41	27.93	70.2	5.08	9.1	SR12	9/2/2017 13:41	27.38	75.7	5.43	5.4	SR12	9/2/2017 19:41	27.26	73.9	5.30	8.1
SR12	9/2/2017 1:46	29.07	73.6	5.30	9.6	SR12	9/2/2017 7:46	27.99	69.4	5.01	5.2	SR12	9/2/2017 13:46	27.47	75.1	5.39	9.4	SR12	9/2/2017 19:46	27.25	82.7	6.99	5.8
SR12	9/2/2017 1:51	29.05	72.9	5.24	5.2	SR12	9/2/2017 7:51	27.93	70.1	5.08	5.4	SR12	9/2/2017 13:51	27.46	75.7	5.42	8.9	SR12	9/2/2017 19:51	27.28	72.0	5.18	7.9
SR12	9/2/2017 1:56	28.94	72.5	5.21	9.1	SR12	9/2/2017 7:56	27.99	69.5	5.02	6.4	SR12	9/2/2017 13:56	27.37	77.1	5.52	6.8	SR12	9/2/2017 19:56	27.40	63.3	4.60	5.6
SR12	9/2/2017 2:01	29.07	72.5	5.22	6.9	SR12	9/2/2017 8:01	28.00	71.0	5.14	8.1	SR12	9/2/2017 14:01	27.36	77.0	5.51	6.5	SR12	9/2/2017 20:01	27.36	82.3	5.86	8.1
SR12	9/2/2017 2:06	29.12	72.5	5.22	8.8	SR12	9/2/2017 8:06	28.02	71.3	5.17	9.2	SR12	9/2/2017 14:06	27.31	75.5	5.41	6.4	SR12	9/2/2017 20:06	27.31	78.1	5.59	6.3
SR12	9/2/2017 2:11	29.09	71.4	5.14	7.6	SR12	9/2/2017 8:11	27.85	70.7	5.12	8.7	SR12	9/2/2017 14:11	27.45	76.5	5.48	6.5	SR12	9/2/2017 20:11	27.31	81.2	5.79	7.6
SR12	9/2/2017 2:16	29.00	71.0	5.12	7.1	SR12	9/2/2017 8:16	28.03	70.2	5.08	6.9	SR12	9/2/2017 14:16	27.29	76.8	5.49	5.0	SR12	9/2/2017 20:16	27.38	80.0	5.71	7.1
SR12	9/2/2017 2:21	29.22	70.6	5.09	9.6	SR12	9/2/2017 8:21	27.85	71.3	5.15	8.2	SR12	9/2/2017 14:21	27.33	76.6	5.48	5.2	SR12	9/2/2017 20:21	27.21	77.2	5.52	6.2
SR12	9/2/2017 2:26	29.20	70.9	5.11	8.7	SR12	9/2/2017 8:26	27.95	72.1	5.21	5.4	SR12	9/2/2017 14:26	27.43	75.9	5.43	6.4	SR12	9/2/2017 20:26	27.41	72.4	5.21	8.2
SR12	9/2/2017 2:31	29.14	71.4	5.14	9.2	SR12	9/2/2017 8:31	27.94	72.3	5.21	8.7	SR12	9/2/2017 14:31	27.31	76.7	5.48	7.9	SR12	9/2/2017 20:31	27.23	75.7	5.42	5.0
SR12	9/2/2017 2:36	29.02	71.4	5.14	6.5	SR12	9/2/2017 8:36	28.03	73.1	5.27	7.1	SR12	9/2/2017 14:36	27.47	76.0	5.42	5.4	SR12	9/2/2017 20:36	27.30	68.1	4.93	4.9
SR12	9/2/2017 2:41	29.07	72.6	5.24	8.8	SR12	9/2/2017 8:41	27.84	72.5	5.23	5.6	SR12	9/2/2017 14:41	27.46	75.9	5.42	7.8	SR12	9/2/2017 20:41	27.29	77.9	5.58	9.4
SR12	9/2/2017 2:46	28.95	71.5	5.16	5.9	SR12	9/2/2017 8:46	27.81	71.7	5.17	6.1	SR12	9/2/2017 14:46	27.37	75.8	5.42	9.0	SR12	9/2/2017 20:46	27.28	74.2	5.32	8.1
SR12	9/2/2017 2:51	28.97	69.4	5.00	7.8	SR12	9/2/2017 8:51	27.98	76.6	5.49	8.2	SR12	9/2/2017 14:51	27.38	76.5	5.47	7.7	SR12	9/2/2017 20:51	27.24	76.1	5.45	9.4
SR12	9/2/2017 2:56	29.00	70.9	5.11	9.5	SR12	9/2/2017 8:56	27.98	75.7	5.43	6.5	SR12	9/2/2017 14:56	27.30	76.7	5.49	5.5	SR12	9/2/2017 20:56	27.22	70.7	5.09	6.6
SR12	9/2/2017 3:01	29.20	70.3	5.07	6.8	SR12	9/2/2017 9:01	27.94	74.1	5.31	7.5	SR12	9/2/2017 15:01	27.34	75.9	5.43	8.5	SR12	9/2/2017 21:01	27.09	79.4	5.67	9.1
SR12	9/2/2017 3:06	29.10	70.9	5.11	6.7	SR12	9/2/2017 9:06	27.91	75.7	5.43	7.7	SR12	9/2/2017 15:06	27.36	77.3	5.53	5.0	SR12	9/2/2017 21:06	27.27	74.8	5.36	8.0
SR12	9/2/2017 3:11	29.00	70.3	5.07	5.4	SR12	9/2/2017 9:11	28.07	73.7	5.29	7.5	SR12	9/2/2017 15:11	27.29	78.0	5.57	5.8	SR12	9/2/2017 21:11	27.28	73.8	5.30	6.3
SR12	9/2/2017 3:16	29.11	70.2	5.06	5.6	SR12	9/2/2017 9:16	27.89	75.4	5.41	6.9	SR12	9/2/2017 15:16	27.29	77.2	5.51	6.1	SR12	9/2/2017 21:16	27.22	77.9	5.59	8.6
SR12	9/2/2017 3:21	28.95	71.1	5.13	5.3	SR12	9/2/2017 9:21	27.90	76.1	5.44	8.9	SR12	9/2/2017 15:21	27.40	76.5	5.46	6.6	SR12	9/2/2017 21:21	27.23	75.4	5.40	5.9
SR12	9/2/2017 3:26	29.08	71.9	5.19	7.7	SR12	9/2/2017 9:26	27.94	75.2	5.38	5.4	SR12	9/2/2017 15:26	27.41	77.3	5.52	6.3	SR12	9/2/2017 21:26	27.16	76.2	5.47	5.7
SR12	9/2/2017 3:31	29.10	71.1	5.13	5.8	SR12	9/2/2017 9:31	27.92	75.7	5.41	6.3	SR12	9/2/2017 15:31	27.27	75.1	5.37	6.5	SR12	9/2/2017 21:31	27.24	76.7	5.50	8.7
SR12	9/2/2017 3:36	29.13	71.7	5.17	7.0	SR12	9/2/2017 9:36	27.89	75.7	5.40	6.4	SR12	9/2/2017 15:36	27.43	76.8	5.48	7.4	SR12	9/2/2017 21:36	27.26	76.5	5.49	5.7
SR12	9/2/2017 3:41	29.10	70.6	5.08	6.3	SR12	9/2/2017 9:41	28.03	76.9	5.49	8.9	SR12	9/2/2017 15:41	27.31	77.1	5.51	7.9	SR12	9/2/2017 21:41	27.12	76.1	5.46	6.3
SR12	9/2/2017 3:46	29.14	71.3	5.15	6.5	SR12	9/2/2017 9:46	27.89	78.2	5.58	7.6	SR12	9/2/2017 15:46	27.44	76.3	5.45	6.3	SR12	9/2/2017 21:46	27.12	75.3	5.39	8.4
SR12	9/2/2017 3:51	29.15	70.0	5.06	9.0	SR12	9/2/2017 9:51	28.02	77.0	5.50	6.6	SR12	9/2/2017 15:51	27.30	75.8	5.42	8.4	SR12	9/2/2017 21:51	27.17	75.7	5.43	9.2
SR12	9/2/2017 3:56	28.99	69.4	5.01	9.1	SR12	9/2/2017 9:56	28.02	77.0	5.50	6.1	SR12	9/2/2017 15:56	27.42	77.5	5.53	5.3	SR12	9/2/2017 21:56	27.04	75.9	5.45	6.5
SR12	9/2/2017 4:01	28.96	70.9	5.13	9.6	SR12	9/2/2017 10:01	27.97	78.4	5.58	9.4	SR12	9/2/2017 16:01	27.46	77.4	5.53	6.4	SR12	9/2/2017 22:01	27.10	75.7	5.43	6.1
SR12	9/2/2017 4:06	29.07	71.5	5.16	9.5	SR12	9/2/2017 10:06	27.88	78.6	5.60	7.8	SR12	9/2/2017 16:06	27.42	76.5	5.47	7.7	SR12	9/2/2017 22:06	27.01	75.1	5.39	8.2
SR12	9/2/2017 4:11	29.04	69.2	5.00	5.4	SR12	9/2/2017 10:11	27.81	77.6	5.53	9.5	SR12	9/2/2017 16:11	27.36	77.6	5.54	6.1	SR12	9/2/2017 22:11	27.11	75.3	5.41	8.9
SR12	9/2/2017 4:16	28.94	70.6	5.10	5.8	SR12	9/2/2017 10:16	27.94	80.0	5.69	9.0	SR12	9/2/2017 16:16	27.46	76.6	5.48	8.1	SR12	9/2/2017 22:16	26.96	76.5	5.48	5.7
SR12	9/2/2017 4:21	29.01	71.0	5.14	6.4	SR12	9/2/2017 10:21	27.94	73.2	5.28	5.1	SR12	9/2/2017 16:21	27.31	75.4	5.38	5.4	SR12	9/2/2017 22:21	27.05	75.2	5.40	6.6
SR12	9/2/2017 4:26	29.07	70.6	5.10	7.8	SR12	9/2/2017 10:26	27.91	79.3	5.68	7.8	SR12	9/2/2017 16:26	27.35	77.0	5.50	6.8	SR12	9/2/2017 22:26	26.98	75.3	5.40	9.1
SR12	9/2/2017 4:31	28.93	69.3	5.01	9.1	SR12	9/2/2017 10:31	27.85	83.8	5.99	7.0	SR12	9/2/2017 16:31	27.45	76.6	5.47	6.2	SR12	9/2/2017 22:31	26.96	75.1	5.39	9.3
SR12	9/2/2017 4:36	28.95	67.6	4.89	9.4	SR12	9/2/2017 10:36	27.93	78.2	5.61	6.1	SR12	9/2/2017 16:36	27.37	77.0	5.49	5.6	SR12	9/2/2017 22:36	26.93	75.6	5.42	5.6
SR12	9/2/2017 4:41	29.01	66.9	4.84	5.5	SR12	9/2/2017 10:41	28.02	77.6	5.57	5.1	SR12	9/2/2017 16:41	27.48	78.1	5.57	8.3	SR12	9/2/2017 22:41	26.95	76.2	5.46	8.7
SR12	9/2/2017 4:46	28.99	68.1	4.93	9.2	SR12	9/2/2017 10:46	27.82	77.9	5.57	7.1	SR12	9/2/2017 16:46	27.47	77.1	5.49	6.7	SR12	9/2/2017 22:46	27.15	75.7	5.43	6.4
SR12	9/2/2017 4:51	28.84	70.2	5.08	5.5	SR12	9/2/2017 10:51	27.85	76.8	5.51	4.9	SR12	9/2/2017 16:51	27.37	77.5	5.52	6.6	SR12	9/2/2017 22:51	27.08	76.9	5.51	6.9
SR12	9/2/2017 4:56	28.95	70.0	5.06	8.4	SR12	9/2/2017 10:56	27.84	76.2	5.47	5.0	SR12	9/2/2017 16:56	27.32	77.7	5.54	7.4	SR12	9/2/2017 22:56	26.97	74.6	5.34	6.9
SR12	9/2/2017 5:01	28.45	69.5	5.02	7.6	SR12	9/2/2017 11:01	27.88	75.4	5.42	9.6	SR12	9/2/2017 17:01	27.31	78.0	5.56	7.1	SR12	9/2/2017 23:01	26.91	75.3	5.40	6.6
SR12	9/2/2017 5:06	27.92	68.3	4.95	7.9	SR12	9/2/2017 11:06	27.85	74.2	5.34	7.5	SR12	9/2/2017 17:06	27.27	77.5	5.53	9.4	SR12	9/2/2017 23:06	26.94	76.3	5.48	4.9
SR12	9/2/2017 5:11	27.87	68.0	4.92	5.8	SR12	9/2/2017 11:11	27.76	76.4	5.49	6.3	SR12	9/2/2017 17:11	27.42	77.1	5.50	5.9	SR12	9/2/2017 23:11	27.04	74.9	5.37	9.2
SR12	9/2/2017 5:16	27.76	71.6	5.16	5.6	SR12	9/2/2017 11:16	27.86	75.1	5.39	7.5	SR12	9/2/2017 17:16	27.28	76.9	5.48	9.3	SR12	9/2/2017 23:16	26.88	75.5	5.42	8.2
SR12	9/2/2017 5:21	27.88	70.9	5.12	9.1	SR12	9/2/2017 11:21	27.90	77.3	5.55	8.5	SR12	9/2/2017 17:21	27.32	77.6	5.53	7.6	SR12	9/2/2017 23:21	26.90	75.3	5.39	6.4
SR12	9/2/2017 5:26	27.76	70.7	5.11	6.5	SR12	9/2/2017 11:26	27.79	76.1	5.48	8.1	SR12	9/2/2017 17:26	27.35	78.7	5.60	6.2	SR12	9/2/2017 23:26	26.88	75.5	5.42	7.8
SR12	9/2/2017 5:31	27.75	70.5	5.09	6.4	SR12	9/2/2017 11:31	27.71	75.2	5.41	6.1	SR12	9/2/2017 17:31	27.41	78.5	5.59	7.8	SR12	9/2/2017 23:31	26.92	75.4	5.41	6.6
SR12	9/2/2017 5:36	27.79	70.3	5.09	8.0	SR12	9/2/2017 11:36	27.88	76.4	5.50	6.8	SR12	9/2/2017 17:36	27.37	79.1	5.64	8.5	SR12	9/2/2017 23:36	26.89	75.8	5.44	6.0
SR12	9/2/2017 5:41	27.90	69.5	5.02	5.8	SR12	9/2/2017 11:41	27.85	73.5	5.29	9.6	SR12	9/2/2017 17:41	27.32	78.6	5.59	6.6	SR12	9/2/2017 23:41	26.90	74.4	5.33	6.5
SR12	9/2/2017 5:46	27.93	72.1	5.20	9.5	SR12	9/2/2017 11:46	27.76	73.6	5.30	5.3	SR12	9/2/2017 17:46	27.36	78.2	5.57	8.6	SR12	9/2/2017 23:46	26.80	75.1	5.40	7.9
SR12	9/2/2017 5:51	27.83	71.5	5.16	9.5	SR12	9/2/2017 11:51	27.67	73.8	5.32	5.6	SR12	9/2/2017 17:51	27.39	76.5	5.45	6.3	SR12	9/2/2017 23:51	26.87	74.3	5.34	**15.7**
SR12	9/2/2017 5:56	27.95	71.7	5.18	4.8	SR12	9/2/2017 11:56	27.84	74.7	5.37	5.9	SR12	9/2/2017 17:56	27.35	77.4	5.52	8.1	SR12	9/2/2017 23:56	26.87	75.3	5.40	6.1

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR13	9/2/2017 0:00	27.96	75.9	5.39	4.7	SR13	9/2/2017 6:00	28.28	77.6	5.38	7.4	SR13	9/2/2017 12:00	28.43	77.7	5.39	6.2	SR13	9/2/2017 18:00	28.06	82.6	5.67	3.8
SR13	9/2/2017 0:05	27.96	75.0	5.35	7.4	SR13	9/2/2017 6:05	28.29	76.9	5.33	7.0	SR13	9/2/2017 12:05	28.46	76.7	5.33	5.1	SR13	9/2/2017 18:05	28.06	82.0	5.63	5.0
SR13	9/2/2017 0:10	27.96	75.9	5.42	6.5	SR13	9/2/2017 6:10	28.30	75.6	5.25	6.9	SR13	9/2/2017 12:10	28.48	76.8	5.33	7.7	SR13	9/2/2017 18:10	28.05	72.9	5.03	4.1
SR13	9/2/2017 0:15	27.98	76.3	5.44	8.4	SR13	9/2/2017 6:15	28.31	76.5	5.31	5.7	SR13	9/2/2017 12:15	28.52	76.9	5.33	6.8	SR13	9/2/2017 18:15	28.06	89.8	6.15	4.8
SR13	9/2/2017 0:20	28.01	75.5	5.38	7.8	SR13	9/2/2017 6:20	28.31	75.1	5.21	7.3	SR13	9/2/2017 12:20	28.51	78.7	5.46	5.4	SR13	9/2/2017 18:20	28.05	89.8	6.35	4.8
SR13	9/2/2017 0:25	28.01	74.7	5.32	6.3	SR13	9/2/2017 6:25	28.31	74.0	5.14	6.3	SR13	9/2/2017 12:25	28.46	77.5	5.37	7.5	SR13	9/2/2017 18:25	28.04	76.5	5.27	4.9
SR13	9/2/2017 0:30	28.02	75.1	5.35	7.2	SR13	9/2/2017 6:30	28.34	72.8	5.06	6.6	SR13	9/2/2017 12:30	28.38	79.6	5.51	5.7	SR13	9/2/2017 18:30	28.03	91.2	7.19	6.3
SR13	9/2/2017 0:35	28.02	76.0	5.41	6.0	SR13	9/2/2017 6:35	28.36	71.9	5.00	6.7	SR13	9/2/2017 12:35	28.34	78.4	5.44	7.5	SR13	9/2/2017 18:35	28.02	89.7	7.14	6.4
SR13	9/2/2017 0:40	28.01	74.8	5.33	7.0	SR13	9/2/2017 6:40	28.36	72.5	5.04	6.3	SR13	9/2/2017 12:40	28.30	78.6	5.45	4.9	SR13	9/2/2017 18:40	28.01	88.5	6.70	5.2
SR13	9/2/2017 0:45	27.96	73.2	5.22	6.1	SR13	9/2/2017 6:45	28.36	72.3	5.03	4.9	SR13	9/2/2017 12:45	28.27	78.2	5.42	5.5	SR13	9/2/2017 18:45	27.98	90.9	6.52	4.3
SR13	9/2/2017 0:50	27.95	75.9	5.40	5.1	SR13	9/2/2017 6:50	28.37	73.7	5.12	7.4	SR13	9/2/2017 12:50	28.25	78.0	5.41	8.5	SR13	9/2/2017 18:50	27.97	86.4	5.93	4.8
SR13	9/2/2017 0:55	27.95	76.0	5.41	6.0	SR13	9/2/2017 6:55	28.41	75.5	5.24	6.6	SR13	9/2/2017 12:55	28.29	79.3	5.49	5.6	SR13	9/2/2017 18:55	27.96	79.2	5.45	3.9
SR13	9/2/2017 1:00	27.98	76.6	5.45	7.9	SR13	9/2/2017 7:00	28.44	75.4	5.23	6.1	SR13	9/2/2017 13:00	28.29	77.1	5.34	7.8	SR13	9/2/2017 19:00	27.96	81.5	5.60	2.8
SR13	9/2/2017 1:05	28.01	77.2	5.49	5.8	SR13	9/2/2017 7:05	28.45	75.1	5.21	6.9	SR13	9/2/2017 13:05	28.25	78.7	5.45	5.8	SR13	9/2/2017 19:05	27.96	84.0	5.76	3.2
SR13	9/2/2017 1:10	28.04	75.7	5.38	6.6	SR13	9/2/2017 7:10	28.45	76.2	5.29	6.5	SR13	9/2/2017 13:10	28.26	78.8	5.46	7.7	SR13	9/2/2017 19:10	27.95	82.8	5.69	5.3
SR13	9/2/2017 1:15	28.02	76.5	5.45	7.3	SR13	9/2/2017 7:15	28.45	75.2	5.22	5.6	SR13	9/2/2017 13:15	28.27	78.9	5.46	7.0	SR13	9/2/2017 19:15	27.95	83.2	5.72	5.7
SR13	9/2/2017 1:20	28.00	75.5	5.37	7.4	SR13	9/2/2017 7:20	28.46	74.2	5.15	6.9	SR13	9/2/2017 13:20	28.36	80.5	5.56	6.0	SR13	9/2/2017 19:20	27.94	83.7	5.75	5.5
SR13	9/2/2017 1:25	27.99	75.4	5.37	6.7	SR13	9/2/2017 7:25	28.48	74.2	5.15	6.7	SR13	9/2/2017 13:25	28.41	80.9	5.58	6.6	SR13	9/2/2017 19:25	27.93	83.1	5.72	5.0
SR13	9/2/2017 1:30	27.98	76.4	5.44	6.7	SR13	9/2/2017 7:30	28.49	73.2	5.09	6.6	SR13	9/2/2017 13:30	28.49	78.6	5.42	6.3	SR13	9/2/2017 19:30	27.92	82.9	5.70	5.4
SR13	9/2/2017 1:35	27.97	74.6	5.31	5.1	SR13	9/2/2017 7:35	28.50	73.5	5.11	7.2	SR13	9/2/2017 13:35	28.53	80.4	5.54	5.4	SR13	9/2/2017 19:35	27.92	88.0	6.04	4.5
SR13	9/2/2017 1:40	27.97	73.9	5.26	7.3	SR13	9/2/2017 7:40	28.52	73.4	5.10	6.1	SR13	9/2/2017 13:40	28.51	80.1	5.52	5.9	SR13	9/2/2017 19:40	27.91	81.4	5.60	4.8
SR13	9/2/2017 1:45	27.97	74.1	5.27	6.3	SR13	9/2/2017 7:45	28.57	73.3	5.09	7.2	SR13	9/2/2017 13:45	28.51	80.2	5.53	5.5	SR13	9/2/2017 19:45	27.90	89.4	7.23	3.7
SR13	9/2/2017 1:50	27.97	75.5	5.40	7.1	SR13	9/2/2017 7:50	28.58	73.2	5.09	7.6	SR13	9/2/2017 13:50	28.48	82.1	5.65	6.5	SR13	9/2/2017 19:50	27.90	78.6	5.41	5.5
SR13	9/2/2017 1:55	27.97	74.5	5.33	9.4	SR13	9/2/2017 7:55	28.58	74.3	5.16	5.8	SR13	9/2/2017 13:55	28.49	82.3	5.66	7.4	SR13	9/2/2017 19:55	27.89	70.0	4.84	5.2
SR13	9/2/2017 2:00	27.96	74.0	5.30	6.0	SR13	9/2/2017 8:00	28.58	74.3	5.17	7.0	SR13	9/2/2017 14:00	28.49	82.4	5.67	7.0	SR13	9/2/2017 20:00	27.88	88.3	6.06	6.8
SR13	9/2/2017 2:05	27.96	73.6	5.27	7.2	SR13	9/2/2017 8:05	28.57	74.5	5.18	4.9	SR13	9/2/2017 14:05	28.48	81.6	5.61	4.8	SR13	9/2/2017 20:05	27.88	83.9	5.76	6.5
SR13	9/2/2017 2:10	27.96	73.6	5.27	7.6	SR13	9/2/2017 8:10	28.57	73.5	5.10	6.0	SR13	9/2/2017 14:10	28.46	82.5	5.67	6.0	SR13	9/2/2017 20:10	27.88	87.6	6.01	5.2
SR13	9/2/2017 2:15	27.97	72.8	5.22	7.0	SR13	9/2/2017 8:15	28.59	73.7	5.12	5.5	SR13	9/2/2017 14:15	28.42	83.5	5.73	7.0	SR13	9/2/2017 20:15	27.88	86.4	5.93	3.2
SR13	9/2/2017 2:20	28.04	72.6	5.21	7.1	SR13	9/2/2017 8:20	28.58	74.7	5.19	6.1	SR13	9/2/2017 14:20	28.40	83.3	5.72	8.5	SR13	9/2/2017 20:20	27.88	83.8	5.76	3.9
SR13	9/2/2017 2:25	28.03	73.1	5.25	8.1	SR13	9/2/2017 8:25	28.60	74.7	5.19	6.2	SR13	9/2/2017 14:25	28.39	83.0	5.70	5.0	SR13	9/2/2017 20:25	27.89	79.2	5.45	5.4
SR13	9/2/2017 2:30	28.00	73.1	5.24	4.5	SR13	9/2/2017 8:30	28.60	76.5	5.32	5.4	SR13	9/2/2017 14:30	28.37	84.0	5.76	6.9	SR13	9/2/2017 20:30	27.90	83.1	5.72	3.3
SR13	9/2/2017 2:35	27.99	74.2	5.31	5.5	SR13	9/2/2017 8:35	28.61	76.7	5.32	6.7	SR13	9/2/2017 14:35	28.38	84.1	5.77	8.5	SR13	9/2/2017 20:35	27.91	73.6	5.09	5.1
SR13	9/2/2017 2:40	27.97	73.4	5.26	5.0	SR13	9/2/2017 8:40	28.64	75.2	5.22	7.4	SR13	9/2/2017 14:40	28.38	83.0	5.69	8.6	SR13	9/2/2017 20:40	27.91	84.1	5.79	4.5
SR13	9/2/2017 2:45	27.96	72.9	5.22	4.9	SR13	9/2/2017 8:45	28.66	75.5	5.24	5.7	SR13	9/2/2017 14:45	28.24	83.9	5.75	6.6	SR13	9/2/2017 20:45	27.91	81.2	5.59	4.5
SR13	9/2/2017 2:50	27.95	71.8	5.15	4.1	SR13	9/2/2017 8:50	28.71	80.3	5.56	7.0	SR13	9/2/2017 14:50	28.10	80.5	5.55	5.9	SR13	9/2/2017 20:50	27.91	82.5	5.67	5.1
SR13	9/2/2017 2:55	27.93	73.2	5.25	5.8	SR13	9/2/2017 8:55	28.77	78.5	5.42	7.4	SR13	9/2/2017 14:55	28.11	84.3	5.80	5.5	SR13	9/2/2017 20:55	27.91	77.7	5.36	4.4
SR13	9/2/2017 3:00	27.93	72.7	5.22	4.4	SR13	9/2/2017 9:00	28.80	77.5	5.36	6.3	SR13	9/2/2017 15:00	28.17	85.8	5.90	6.6	SR13	9/2/2017 21:00	27.92	85.5	5.88	4.9
SR13	9/2/2017 3:05	27.93	73.1	5.24	4.6	SR13	9/2/2017 9:05	28.82	77.3	5.34	6.3	SR13	9/2/2017 15:05	28.23	83.6	5.75	7.3	SR13	9/2/2017 21:05	27.92	82.0	5.64	2.8
SR13	9/2/2017 3:10	27.93	72.4	5.19	8.9	SR13	9/2/2017 9:10	28.96	75.9	5.25	6.4	SR13	9/2/2017 15:10	28.29	84.4	5.80	7.5	SR13	9/2/2017 21:10	27.93	81.6	5.62	5.2
SR13	9/2/2017 3:15	27.93	72.6	5.21	7.3	SR13	9/2/2017 9:15	28.98	77.6	5.36	7.0	SR13	9/2/2017 15:15	28.30	83.5	5.73	4.2	SR13	9/2/2017 21:15	27.94	83.8	5.76	5.3
SR13	9/2/2017 3:20	27.94	72.5	5.20	5.3	SR13	9/2/2017 9:20	28.96	79.3	5.47	5.1	SR13	9/2/2017 15:20	28.31	83.2	5.72	6.8	SR13	9/2/2017 21:20	27.95	82.9	5.70	4.6
SR13	9/2/2017 3:25	27.96	73.2	5.25	6.4	SR13	9/2/2017 9:25	28.95	78.5	5.41	8.1	SR13	9/2/2017 15:25	28.31	83.1	5.71	6.8	SR13	9/2/2017 21:25	27.97	82.9	5.71	6.0
SR13	9/2/2017 3:30	27.94	72.7	5.22	6.9	SR13	9/2/2017 9:30	28.94	78.5	5.41	5.8	SR13	9/2/2017 15:30	28.32	81.2	5.59	5.6	SR13	9/2/2017 21:30	27.98	83.7	5.76	4.9
SR13	9/2/2017 3:35	27.94	73.2	5.25	6.0	SR13	9/2/2017 9:35	28.95	78.6	5.42	6.9	SR13	9/2/2017 15:35	28.32	81.6	5.61	6.0	SR13	9/2/2017 21:35	28.00	82.6	5.69	5.5
SR13	9/2/2017 3:40	27.99	73.1	5.24	5.6	SR13	9/2/2017 9:40	28.93	79.0	5.44	5.4	SR13	9/2/2017 15:40	28.32	83.3	5.73	6.1	SR13	9/2/2017 21:40	28.00	82.5	5.67	5.7
SR13	9/2/2017 3:45	28.00	72.5	5.20	5.5	SR13	9/2/2017 9:45	28.94	81.7	5.61	7.6	SR13	9/2/2017 15:45	28.30	81.7	5.61	4.7	SR13	9/2/2017 21:45	28.01	82.5	5.67	5.6
SR13	9/2/2017 3:50	27.98	71.5	5.13	8.1	SR13	9/2/2017 9:50	28.89	80.4	5.54	6.5	SR13	9/2/2017 15:50	28.29	82.6	5.68	5.1	SR13	9/2/2017 21:50	28.01	82.0	5.64	4.6
SR13	9/2/2017 3:55	27.99	71.4	5.10	6.5	SR13	9/2/2017 9:55	28.84	80.3	5.53	6.8	SR13	9/2/2017 15:55	28.28	83.5	5.75	6.0	SR13	9/2/2017 21:55	28.01	82.8	5.69	4.2
SR13	9/2/2017 4:00	27.99	72.0	5.18	5.4	SR13	9/2/2017 10:00	28.70	81.7	5.61	6.7	SR13	9/2/2017 16:00	28.26	82.4	5.67	9.8	SR13	9/2/2017 22:00	28.00	82.5	5.68	3.7
SR13	9/2/2017 4:05	28.00	73.2	5.25	4.5	SR13	9/2/2017 10:05	28.65	81.7	5.62	7.7	SR13	9/2/2017 16:05	28.25	82.1	5.65	4.9	SR13	9/2/2017 22:05	27.99	83.2	5.73	5.5
SR13	9/2/2017 4:10	28.00	71.6	5.15	7.1	SR13	9/2/2017 10:10	28.65	80.5	5.53	7.0	SR13	9/2/2017 16:10	28.24	82.1	5.64	5.2	SR13	9/2/2017 22:10	27.98	82.3	5.66	6.2
SR13	9/2/2017 4:15	28.00	72.7	5.22	7.1	SR13	9/2/2017 10:15	28.55	83.5	5.72	4.4	SR13	9/2/2017 16:15	28.24	80.7	5.55	5.7	SR13	9/2/2017 22:15	27.97	83.5	5.74	5.1
SR13	9/2/2017 4:20	27.99	72.2	5.19	5.5	SR13	9/2/2017 10:20	28.43	76.3	5.29	4.9	SR13	9/2/2017 16:20	28.23	80.8	5.56	5.4	SR13	9/2/2017 22:20	27.97	81.5	5.61	3.6
SR13	9/2/2017 4:25	28.02	72.5	5.21	5.0	SR13	9/2/2017 10:25	28.35	82.9	5.73	8.5	SR13	9/2/2017 16:25	28.24	81.9	5.63	7.0	SR13	9/2/2017 22:25	27.97	81.6	5.61	4.6
SR13	9/2/2017 4:30	28.05	74.3	5.16	5.6	SR13	9/2/2017 10:30	28.31	87.3	6.03	6.2	SR13	9/2/2017 16:30	28.24	82.1	5.66	6.4	SR13	9/2/2017 22:30	27.97	81.7	5.62	4.9
SR13	9/2/2017 4:35	28.05	72.5	5.03	6.1	SR13	9/2/2017 10:35	28.36	81.7	5.65	5.8	SR13	9/2/2017 16:35	28.24	81.8	5.62	6.9	SR13	9/2/2017 22:35	27.98	81.9	5.63	5.4
SR13	9/2/2017 4:40	28.05	71.9	5.00	6.1	SR13	9/2/2017 10:40	28.31	80.6	5.59	5.5	SR13	9/2/2017 16:40	28.23	82.4	5.66	9.0	SR13	9/2/2017 22:40	27.98	78.0	5.38	5.1
SR13	9/2/2017 4:45	28.04	72.9	5.06	6.7	SR13	9/2/2017 10:45	28.32	82.5	5.70	5.4	SR13	9/2/2017 16:45	28.18	82.5	5.66	5.8	SR13	9/2/2017 22:45	27.98	85.7	5.89	5.9
SR13	9/2/2017 4:50	28.04	74.7	5.19	5.5	SR13	9/2/2017 10:50	28.47	80.4	5.56	6.7	SR13	9/2/2017 16:50	28.13	83.2	5.71	6.2	SR13	9/2/2017 22:50	27.97	86.2	6.02	6.6
SR13	9/2/2017 4:55	28.05	75.7	5.26	6.1	SR13	9/2/2017 10:55	28.37	79.3	5.49	6.2	SR13	9/2/2017 16:55	28.13	82.7	5.68	6.4	SR13	9/2/2017 22:55	27.97	78.3	5.40	6.1
SR13	9/2/2017 5:00	28.08	74.8	5.19	7.6	SR13	9/2/2017 11:00	28.32	77.5	5.37	7.5	SR13	9/2/2017 17:00	28.12	83.6	5.74	6.2	SR13	9/2/2017 23:00	27.97	85.6	6.36	3.8
SR13	9/2/2017 5:05	28.10	73.6	5.11	7.0	SR13	9/2/2017 11:05	28.30	76.0	5.28	6.6	SR13	9/2/2017 17:05	28.14	82.6	5.67	7.8	SR13	9/2/2017 23:05	27.97	85.3	6.36	5.3
SR13	9/2/2017 5:10	28.11	73.4	5.10	7.7	SR13	9/2/2017 11:10	28.27	78.6	5.44	8.6	SR13	9/2/2017 17:10	28.15	82.6	5.67	7.0	SR13	9/2/2017 23:10	27.97	83.9	6.08	5.8
SR13	9/2/2017 5:15	28.13	76.3	5.29	6.3	SR13	9/2/2017 11:15	28.28	78.4	5.44	7.2	SR13	9/2/2017 17:15	28.16	82.2	5.64	5.1	SR13	9/2/2017 23:15	27.96	84.9	5.98	5.4
SR13	9/2/2017 5:20	28.15	77.1	5.35	6.5	SR13	9/2/2017 11:20	28.28	79.6	5.51	6.2	SR13	9/2/2017 17:20	28.14	82.1	5.64	4.3	SR13	9/2/2017 23:20	27.96	83.6	5.75	5.1
SR13	9/2/2017 5:25	28.18	76.4	5.31	6.7	SR13	9/2/2017 11:25	28.26	80.0	5.55	7.7	SR13	9/2/2017 17:25	28.12	84.3	5.78	5.7	SR13	9/2/2017 23:25	27.95	79.6	5.48	4.0
SR13	9/2/2017 5:30	28.20	76.9	5.33	7.2	SR13	9/2/2017 11:30	28.26	79.0	5.48	7.0	SR13	9/2/2017 17:30	28.08	83.0	5.70	7.1	SR13	9/2/2017 23:30	27.95	80.2	5.53	4.4
SR13	9/2/2017 5:35	28.21	76.4	5.31	6.3	SR13	9/2/2017 11:35	28.25	80.1	5.56	7.6	SR13	9/2/2017 17:35	28.05	83.5	5.73	5.9	SR13	9/2/2017 23:35	27.93	83.1	5.73	4.9
SR13	9/2/2017 5:40	28.23	75.9	5.27	5.8	SR13	9/2/2017 11:40	28.30	77.9	5.40	7.2	SR13	9/2/2017 17:40	28.03	83.7	5.74	6.5	SR13	9/2/2017 23:40	27.93	81.6	5.62	5.3
SR13	9/2/2017 5:45	28.24	76.9	5.33	5.6	SR13	9/2/2017 11:45	28.42	78.1	5.42	5.0	SR13	9/2/2017 17:45	28.04	83.4	5.73	4.0	SR13	9/2/2017 23:45	27.91	80.7	5.55	6.9
SR13	9/2/2017 5:50	28.25	76.5	5.31	6.0	SR13	9/2/2017 11:50	28.45	77.8	5.40	7.7	SR13	9/2/2017 17:50	28.04	81.9	5.62	6.4	SR13	9/2/2017 23:50	27.90	80.7	5.56	7.1
SR13	9/2/2017 5:55	28.26	77.3	5.37	8.5	SR13	9/2/2017 11:55	28.45	78.6	5.46	4.7	SR13	9/2/2017 17:55	28.05	82.8	5.68	5.1	SR13	9/2/2017 23:55	27.91	81.8	5.63	3.9

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	9/2/2017 0:17	0.06				SR12	9/2/2017 0:17	0.11			
SR4	9/2/2017 0:37	0.05				SR12	9/2/2017 0:37	0.12			
SR4	9/2/2017 0:57	0.06				SR12	9/2/2017 0:57	0.13			
SR4	9/2/2017 1:17	0.07				SR12	9/2/2017 1:17	0.11			
SR4	9/2/2017 1:37	0.06				SR12	9/2/2017 1:37	0.11			
SR4	9/2/2017 1:57	0.08				SR12	9/2/2017 1:57	0.11			
SR4	9/2/2017 2:17	0.08				SR12	9/2/2017 2:17	0.14			
SR4	9/2/2017 2:37	0.07				SR12	9/2/2017 2:37	0.12			
SR4	9/2/2017 2:57	0.08				SR12	9/2/2017 2:57	0.13			
SR4	9/2/2017 3:17	0.07				SR12	9/2/2017 3:17	0.11			
SR4	9/2/2017 3:37	0.08				SR12	9/2/2017 3:37	0.12			
SR4	9/2/2017 3:57	0.07				SR12	9/2/2017 3:57	0.15			
SR4	9/2/2017 4:17	0.08				SR12	9/2/2017 4:17	0.12			
SR4	9/2/2017 4:37	0.07				SR12	9/2/2017 4:37	0.12			
SR4	9/2/2017 4:57	0.06				SR12	9/2/2017 4:57	0.11			
SR4	9/2/2017 5:17	0.08				SR12	9/2/2017 5:17	0.13			
SR4	9/2/2017 5:37	0.07				SR12	9/2/2017 5:37	0.13			
SR4	9/2/2017 5:57	0.07				SR12	9/2/2017 5:57	0.12			
SR4						SR12					
SR4	9/2/2017 6:37	0.07				SR12	9/2/2017 6:37	0.12			
SR4	9/2/2017 6:57	0.08				SR12	9/2/2017 6:57	0.12			
SR4	9/2/2017 7:17	0.10				SR12	9/2/2017 7:17	0.15			
SR4	9/2/2017 7:37	0.08				SR12	9/2/2017 7:37	0.15			
SR4	9/2/2017 7:57	0.07				SR12	9/2/2017 7:57	0.12			
SR4	9/2/2017 8:17	0.09				SR12	9/2/2017 8:17	0.13			
SR4	9/2/2017 8:37	0.06				SR12	9/2/2017 8:37	0.13			
SR4	9/2/2017 8:57	0.07				SR12	9/2/2017 8:57	0.14			
SR4	9/2/2017 9:17	0.07				SR12	9/2/2017 9:17	0.14			
SR4	9/2/2017 9:37	0.06				SR12	9/2/2017 9:37	0.15			
SR4	9/2/2017 9:57	0.06				SR12	9/2/2017 9:57	0.12			
SR4	9/2/2017 10:17	0.07				SR12	9/2/2017 10:17	0.13			
SR4	9/2/2017 10:37	0.06				SR12	9/2/2017 10:37	0.14			
SR4	9/2/2017 10:57	0.07				SR12	9/2/2017 10:57	0.12			
SR4	9/2/2017 11:17	0.06				SR12	9/2/2017 11:17	0.14			
SR4	9/2/2017 11:37	0.07				SR12	9/2/2017 11:37	0.14			
SR4	9/2/2017 11:57	0.05				SR12	9/2/2017 11:57	0.15			
SR4	9/2/2017 12:17	0.05				SR12	9/2/2017 12:17	0.14			
SR4	9/2/2017 12:37	0.06				SR12	9/2/2017 12:37	0.13			
SR4	9/2/2017 12:57	0.07				SR12	9/2/2017 12:57	0.13			
SR4	9/2/2017 13:17	0.06				SR12	9/2/2017 13:17	0.11			
SR4	9/2/2017 13:37	0.06				SR12	9/2/2017 13:37	0.12			
SR4	9/2/2017 13:57	0.05				SR12	9/2/2017 13:57	0.12			
SR4	9/2/2017 14:17	0.06				SR12	9/2/2017 14:17	0.13			
SR4	9/2/2017 14:37	0.05				SR12	9/2/2017 14:37	0.13			
SR4	9/2/2017 14:57	0.06				SR12	9/2/2017 14:57	0.11			
SR4	9/2/2017 15:17	0.05				SR12	9/2/2017 15:17	0.08			
SR4	9/2/2017 15:37	0.06				SR12	9/2/2017 15:37	0.10			
SR4	9/2/2017 15:57	0.05				SR12	9/2/2017 15:57	0.11			
SR4	9/2/2017 16:17	0.06				SR12	9/2/2017 16:17	0.10			
SR4	9/2/2017 16:37	0.09				SR12	9/2/2017 16:37	0.10			
SR4	9/2/2017 16:57	0.11				SR12	9/2/2017 16:57	0.11			
SR4	9/2/2017 17:17	0.09				SR12	9/2/2017 17:17	0.09			
SR4	9/2/2017 17:37	0.11				SR12	9/2/2017 17:37	0.09			
SR4	9/2/2017 17:57	0.10				SR12	9/2/2017 17:57	0.09			
SR4	9/2/2017 18:17	0.10				SR12	9/2/2017 18:17	0.10			
SR4	9/2/2017 18:37	0.12				SR12	9/2/2017 18:37	0.09			
SR4	9/2/2017 18:57	0.10				SR12	9/2/2017 18:57	0.10			
SR4	9/2/2017 19:17	0.10				SR12	9/2/2017 19:17	0.11			
SR4	9/2/2017 19:37	0.10				SR12	9/2/2017 19:37	0.11			
SR4	9/2/2017 19:57	0.10				SR12	9/2/2017 19:57	0.11			
SR4	9/2/2017 20:17	0.11				SR12	9/2/2017 20:17	0.11			
SR4	9/2/2017 20:37	0.12				SR12	9/2/2017 20:37	0.12			
SR4	9/2/2017 20:57	0.13				SR12	9/2/2017 20:57	0.11			
SR4	9/2/2017 21:17	0.11				SR12	9/2/2017 21:17	0.10			
SR4	9/2/2017 21:37	0.12				SR12	9/2/2017 21:37	0.10			
SR4	9/2/2017 21:57	0.09				SR12	9/2/2017 21:57	0.09			
SR4	9/2/2017 22:17	0.09				SR12	9/2/2017 22:17	0.10			
SR4	9/2/2017 22:37	0.10				SR12	9/2/2017 22:37	0.10			
SR4	9/2/2017 22:57	0.11				SR12	9/2/2017 22:57	0.09			
SR4	9/2/2017 23:17	0.11				SR12	9/2/2017 23:17	0.12			
SR4	9/2/2017 23:37	0.11				SR12	9/2/2017 23:37	0.11			
SR4	9/2/2017 23:57	0.09				SR12	9/2/2017 23:57	0.11			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR4	9/3/2017 0:01	27.61	88.4	5.88	4.7	SR4	9/3/2017 6:01	27.21	84.3	5.60	6.3	SR4	9/3/2017 12:01	26.88	82.8	5.50	5.2	SR4	9/3/2017 18:01	27.64	90.6	5.97	5.5
SR4	9/3/2017 0:06	27.65	85.8	5.71	1.4	SR4	9/3/2017 6:06	27.26	85.8	5.69	6.6	SR4	9/3/2017 12:06	26.87	82.7	5.50	6.0	SR4	9/3/2017 18:06	27.63	89.3	5.88	4.6
SR4	9/3/2017 0:11	27.65	85.6	5.70	4.5	SR4	9/3/2017 6:11	27.21	88.4	5.87	5.3	SR4	9/3/2017 12:11	26.86	83.1	5.52	3.6	SR4	9/3/2017 18:11	27.64	89.6	5.90	4.0
SR4	9/3/2017 0:16	27.66	84.2	5.60	4.3	SR4	9/3/2017 6:16	27.20	87.9	5.84	2.7	SR4	9/3/2017 12:16	26.86	81.2	5.40	6.2	SR4	9/3/2017 18:16	27.60	87.4	5.75	5.9
SR4	9/3/2017 0:21	27.64	86.1	5.73	3.1	SR4	9/3/2017 6:21	27.18	89.3	5.93	3.1	SR4	9/3/2017 12:21	26.89	84.5	5.62	2.0	SR4	9/3/2017 18:21	27.57	88.4	5.82	5.2
SR4	9/3/2017 0:26	27.64	83.5	5.56	5.3	SR4	9/3/2017 6:26	27.20	88.6	5.89	3.7	SR4	9/3/2017 12:26	26.88	81.4	5.41	5.1	SR4	9/3/2017 18:26	27.53	90.1	5.93	5.2
SR4	9/3/2017 0:31	27.72	86.3	5.75	4.2	SR4	9/3/2017 6:31	27.19	85.7	5.69	4.6	SR4	9/3/2017 12:31	26.98	84.2	5.60	2.8	SR4	9/3/2017 18:31	27.47	90.3	5.95	6.6
SR4	9/3/2017 0:36	27.69	85.0	5.66	0.6	SR4	9/3/2017 6:36	27.19	86.1	5.72	5.0	SR4	9/3/2017 12:36	26.97	86.3	5.74	2.8	SR4	9/3/2017 18:36	27.50	90.7	5.97	5.9
SR4	9/3/2017 0:41	27.67	83.4	5.55	1.4	SR4	9/3/2017 6:41	27.19	91.8	6.10	6.0	SR4	9/3/2017 12:41	27.01	84.8	5.64	5.3	SR4	9/3/2017 18:41	27.50	88.9	5.85	6.5
SR4	9/3/2017 0:46	27.63	82.9	5.52	2.4	SR4	9/3/2017 6:46	27.16	86.5	5.75	6.4	SR4	9/3/2017 12:46	27.08	84.1	5.59	3.8	SR4	9/3/2017 18:46	27.44	88.6	5.84	6.8
SR4	9/3/2017 0:51	27.70	84.5	5.62	3.6	SR4	9/3/2017 6:51	27.15	87.7	5.82	3.5	SR4	9/3/2017 12:51	27.08	82.0	5.45	5.6	SR4	9/3/2017 18:51	27.46	87.2	5.74	7.7
SR4	9/3/2017 0:56	27.65	83.4	5.55	4.0	SR4	9/3/2017 6:56	27.16	84.9	5.64	4.9	SR4	9/3/2017 12:56	27.07	83.0	5.46	2.8	SR4	9/3/2017 18:56	27.42	88.5	5.83	7.2
SR4	9/3/2017 1:01	27.67	84.4	5.62	2.4	SR4	9/3/2017 7:01	27.17	86.3	5.74	6.0	SR4	9/3/2017 13:01	27.03	87.2	5.74	2.3	SR4	9/3/2017 19:01	27.39	91.9	6.06	3.8
SR4	9/3/2017 1:06	27.62	82.9	5.52	2.5	SR4	9/3/2017 7:06	27.05	85.5	5.68	6.2	SR4	9/3/2017 13:06	27.02	82.6	5.45	4.7	SR4	9/3/2017 19:06	27.40	88.0	5.80	5.1
SR4	9/3/2017 1:11	27.62	83.5	5.56	4.5	SR4	9/3/2017 7:11	26.96	87.4	5.81	5.1	SR4	9/3/2017 13:11	27.02	83.5	5.51	3.6	SR4	9/3/2017 19:11	27.35	88.7	5.85	6.7
SR4	9/3/2017 1:16	27.62	80.9	5.39	1.1	SR4	9/3/2017 7:16	27.00	87.8	5.83	3.3	SR4	9/3/2017 13:16	26.97	85.2	5.61	3.0	SR4	9/3/2017 19:16	27.34	87.9	5.79	6.9
SR4	9/3/2017 1:21	27.67	82.3	5.48	4.9	SR4	9/3/2017 7:21	26.90	86.4	5.75	3.9	SR4	9/3/2017 13:21	26.96	84.8	5.59	5.0	SR4	9/3/2017 19:21	27.34	87.5	5.77	3.8
SR4	9/3/2017 1:26	27.68	82.3	5.48	1.8	SR4	9/3/2017 7:26	26.78	86.4	5.75	4.1	SR4	9/3/2017 13:26	27.03	85.8	5.66	5.3	SR4	9/3/2017 19:26	27.34	85.7	5.66	7.3
SR4	9/3/2017 1:31	27.71	84.0	5.60	3.6	SR4	9/3/2017 7:31	26.72	87.4	5.81	6.7	SR4	9/3/2017 13:31	27.04	84.1	5.56	6.6	SR4	9/3/2017 19:31	27.34	88.5	5.84	7.1
SR4	9/3/2017 1:36	27.65	83.6	5.57	4.8	SR4	9/3/2017 7:36	26.77	88.1	5.86	3.4	SR4	9/3/2017 13:36	27.08	82.5	5.46	4.9	SR4	9/3/2017 19:36	27.35	86.8	5.73	7.5
SR4	9/3/2017 1:41	27.67	81.3	5.41	1.2	SR4	9/3/2017 7:41	26.85	88.6	5.89	3.4	SR4	9/3/2017 13:41	27.20	82.5	5.45	1.9	SR4	9/3/2017 19:41	27.35	91.0	6.01	5.3
SR4	9/3/2017 1:46	27.69	81.7	5.44	1.2	SR4	9/3/2017 7:46	26.79	88.1	5.86	7.1	SR4	9/3/2017 13:46	27.18	79.9	5.28	5.9	SR4	9/3/2017 19:46	27.33	86.5	5.71	4.2
SR4	9/3/2017 1:51	27.68	83.0	5.53	1.0	SR4	9/3/2017 7:51	26.78	86.6	5.76	7.6	SR4	9/3/2017 13:51	27.17	83.2	5.50	7.6	SR4	9/3/2017 19:51	27.28	86.8	5.74	5.7
SR4	9/3/2017 1:56	27.70	84.0	5.60	3.3	SR4	9/3/2017 7:56	26.73	85.9	5.72	5.4	SR4	9/3/2017 13:56	27.18	86.1	5.68	5.1	SR4	9/3/2017 19:56	27.22	86.8	5.74	6.6
SR4	9/3/2017 2:01	27.66	83.6	5.57	1.7	SR4	9/3/2017 8:01	26.74	89.1	5.92	5.1	SR4	9/3/2017 14:01	27.18	83.7	5.54	5.1	SR4	9/3/2017 20:01	27.23	86.8	5.74	3.8
SR4	9/3/2017 2:06	27.72	83.2	5.54	1.9	SR4	9/3/2017 8:06	26.73	87.3	5.81	4.9	SR4	9/3/2017 14:06	27.20	83.5	5.53	4.3	SR4	9/3/2017 20:06	27.25	87.1	5.76	4.3
SR4	9/3/2017 2:11	27.74	84.2	5.60	4.0	SR4	9/3/2017 8:11	26.74	90.2	6.00	5.1	SR4	9/3/2017 14:11	27.23	83.9	5.55	5.9	SR4	9/3/2017 20:11	27.22	88.9	5.87	4.5
SR4	9/3/2017 2:16	27.72	82.7	5.50	1.9	SR4	9/3/2017 8:16	26.80	85.4	5.69	5.4	SR4	9/3/2017 14:16	27.25	84.2	5.57	3.8	SR4	9/3/2017 20:16	27.24	87.1	5.76	7.5
SR4	9/3/2017 2:21	27.68	82.6	5.50	3.3	SR4	9/3/2017 8:21	26.79	87.1	5.80	5.8	SR4	9/3/2017 14:21	27.27	84.1	5.56	5.8	SR4	9/3/2017 20:21	27.25	84.3	5.58	3.6
SR4	9/3/2017 2:26	27.74	85.7	5.71	4.0	SR4	9/3/2017 8:26	26.84	87.0	5.79	6.8	SR4	9/3/2017 14:26	27.31	86.0	5.69	5.9	SR4	9/3/2017 20:26	27.25	87.8	5.81	6.7
SR4	9/3/2017 2:31	27.74	84.8	5.65	2.9	SR4	9/3/2017 8:31	26.83	86.0	5.73	3.7	SR4	9/3/2017 14:31	27.33	85.8	5.67	7.6	SR4	9/3/2017 20:31	27.25	87.8	5.81	5.2
SR4	9/3/2017 2:36	27.71	81.7	5.44	3.4	SR4	9/3/2017 8:36	26.95	85.1	5.67	4.2	SR4	9/3/2017 14:36	27.35	83.9	5.55	4.5	SR4	9/3/2017 20:36	27.23	85.8	5.68	6.1
SR4	9/3/2017 2:41	27.72	81.3	5.42	3.5	SR4	9/3/2017 8:41	26.91	87.5	5.83	6.9	SR4	9/3/2017 14:41	27.35	87.8	5.80	3.7	SR4	9/3/2017 20:41	27.21	86.3	5.71	3.6
SR4	9/3/2017 2:46	27.77	83.4	5.56	4.8	SR4	9/3/2017 8:46	26.88	86.7	5.77	3.7	SR4	9/3/2017 14:46	27.37	89.4	5.91	3.8	SR4	9/3/2017 20:46	27.19	85.1	5.64	6.4
SR4	9/3/2017 2:51	27.74	84.5	5.63	4.4	SR4	9/3/2017 8:51	26.75	87.6	5.83	6.1	SR4	9/3/2017 14:51	27.41	85.8	5.67	3.7	SR4	9/3/2017 20:51	27.19	88.2	5.83	3.7
SR4	9/3/2017 2:56	27.78	84.1	5.60	4.2	SR4	9/3/2017 8:56	26.71	85.6	5.69	6.4	SR4	9/3/2017 14:56	27.41	87.9	5.80	5.2	SR4	9/3/2017 20:56	27.20	87.0	5.76	8.1
SR4	9/3/2017 3:01	27.78	84.8	5.65	3.6	SR4	9/3/2017 9:01	26.72	85.3	5.68	4.6	SR4	9/3/2017 15:01	27.41	87.4	5.77	5.3	SR4	9/3/2017 21:01	27.20	88.2	5.84	5.3
SR4	9/3/2017 3:06	27.78	85.0	5.66	3.1	SR4	9/3/2017 9:06	26.75	84.5	5.62	2.8	SR4	9/3/2017 15:06	27.41	87.2	5.75	7.2	SR4	9/3/2017 21:06	27.20	87.4	5.79	7.2
SR4	9/3/2017 3:11	27.71	84.1	5.60	4.3	SR4	9/3/2017 9:11	26.74	85.6	5.69	4.4	SR4	9/3/2017 15:11	27.40	89.2	5.88	4.0	SR4	9/3/2017 21:11	27.20	85.5	5.66	5.6
SR4	9/3/2017 3:16	27.73	85.1	5.67	7.1	SR4	9/3/2017 9:16	26.72	85.2	5.67	6.0	SR4	9/3/2017 15:16	27.42	87.6	5.78	6.1	SR4	9/3/2017 21:16	27.17	87.8	5.81	4.3
SR4	9/3/2017 3:21	27.66	83.8	5.58	5.4	SR4	9/3/2017 9:21	26.71	86.4	5.75	4.5	SR4	9/3/2017 15:21	27.44	86.8	5.72	3.8	SR4	9/3/2017 21:21	27.17	86.1	5.70	5.9
SR4	9/3/2017 3:26	27.74	87.6	5.83	3.7	SR4	9/3/2017 9:26	26.71	85.6	5.69	3.2	SR4	9/3/2017 15:26	27.49	88.5	5.83	7.2	SR4	9/3/2017 21:26	27.15	87.4	5.79	7.5
SR4	9/3/2017 3:31	27.75	84.1	5.60	4.9	SR4	9/3/2017 9:31	26.71	86.7	5.76	5.0	SR4	9/3/2017 15:31	27.52	87.3	5.75	6.2	SR4	9/3/2017 21:31	27.15	86.8	5.75	5.7
SR4	9/3/2017 3:36	27.74	87.3	5.81	3.9	SR4	9/3/2017 9:36	26.72	86.5	5.75	5.4	SR4	9/3/2017 15:36	27.52	83.2	5.48	5.9	SR4	9/3/2017 21:36	27.16	84.8	5.62	7.5
SR4	9/3/2017 3:41	27.68	84.0	5.59	4.7	SR4	9/3/2017 9:41	26.73	85.0	5.65	3.6	SR4	9/3/2017 15:41	27.53	86.1	5.68	4.7	SR4	9/3/2017 21:41	27.16	86.0	5.70	6.4
SR4	9/3/2017 3:46	27.74	84.7	5.63	4.1	SR4	9/3/2017 9:46	26.74	88.4	5.87	3.7	SR4	9/3/2017 15:46	27.51	85.5	5.63	4.2	SR4	9/3/2017 21:46	27.13	83.5	5.53	7.9
SR4	9/3/2017 3:51	27.70	84.9	5.65	6.6	SR4	9/3/2017 9:51	26.76	86.7	5.76	7.3	SR4	9/3/2017 15:51	27.56	85.9	5.66	3.7	SR4	9/3/2017 21:51	27.16	83.8	5.55	6.8
SR4	9/3/2017 3:56	27.62	88.0	5.85	4.9	SR4	9/3/2017 9:56	26.78	87.3	5.80	3.6	SR4	9/3/2017 15:56	27.54	86.2	5.68	4.9	SR4	9/3/2017 21:56	27.18	85.6	5.67	7.7
SR4	9/3/2017 4:01	27.60	85.4	5.67	3.5	SR4	9/3/2017 10:01	26.80	86.0	5.71	6.2	SR4	9/3/2017 16:01	27.52	83.6	5.51	4.1	SR4	9/3/2017 22:01	27.18	86.1	5.71	5.0
SR4	9/3/2017 4:06	27.61	86.5	5.75	3.5	SR4	9/3/2017 10:06	26.82	85.4	5.67	6.7	SR4	9/3/2017 16:06	27.52	88.3	5.82	6.3	SR4	9/3/2017 22:06	27.16	87.4	5.79	4.1
SR4	9/3/2017 4:11	27.71	86.3	5.73	3.2	SR4	9/3/2017 10:11	26.85	83.2	5.52	5.7	SR4	9/3/2017 16:11	27.54	87.2	5.74	6.3	SR4	9/3/2017 22:11	27.15	84.4	5.59	4.7
SR4	9/3/2017 4:16	27.66	85.6	5.69	6.9	SR4	9/3/2017 10:16	26.88	88.4	5.87	6.9	SR4	9/3/2017 16:16	27.56	85.1	5.61	6.0	SR4	9/3/2017 22:16	27.16	88.6	5.87	4.2
SR4	9/3/2017 4:21	27.62	91.2	6.06	5.0	SR4	9/3/2017 10:21	26.92	86.9	5.77	6.2	SR4	9/3/2017 16:21	27.57	83.8	5.52	6.7	SR4	9/3/2017 22:21	27.16	83.0	5.50	7.2
SR4	9/3/2017 4:26	27.68	86.8	5.77	6.8	SR4	9/3/2017 10:26	26.98	84.6	5.62	4.9	SR4	9/3/2017 16:26	27.57	85.0	5.60	4.7	SR4	9/3/2017 22:26	27.15	84.1	5.57	7.6
SR4	9/3/2017 4:31	27.70	84.8	5.63	4.9	SR4	9/3/2017 10:31	26.98	85.4	5.67	3.0	SR4	9/3/2017 16:31	27.58	84.6	5.57	4.8	SR4	9/3/2017 22:31	27.15	84.1	5.57	5.1
SR4	9/3/2017 4:36	27.66	88.5	5.87	4.8	SR4	9/3/2017 10:36	27.05	85.7	5.69	6.0	SR4	9/3/2017 16:36	27.54	86.9	5.72	4.1	SR4	9/3/2017 22:36	27.16	84.8	5.62	8.2
SR4	9/3/2017 4:41	27.52	88.7	5.89	7.3	SR4	9/3/2017 10:41	27.08	83.4	5.54	6.5	SR4	9/3/2017 16:41	27.54	85.8	5.65	7.6	SR4	9/3/2017 22:41	27.18	82.7	5.48	5.5
SR4	9/3/2017 4:46	27.51	88.9	5.90	4.0	SR4	9/3/2017 10:46	27.04	84.7	5.63	6.1	SR4	9/3/2017 16:46	27.55	87.4	5.76	6.5	SR4	9/3/2017 22:46	27.20	83.7	5.54	5.7
SR4	9/3/2017 4:51	27.52	88.1	5.85	4.1	SR4	9/3/2017 10:51	26.95	86.9	5.77	4.5	SR4	9/3/2017 16:51	27.57	85.5	5.63	7.8	SR4	9/3/2017 22:51	27.21	83.3	5.52	4.2
SR4	9/3/2017 4:56	27.47	88.3	5.86	3.4	SR4	9/3/2017 10:56	26.94	88.3	5.86	5.1	SR4	9/3/2017 16:56	27.60	86.4	5.69	6.0	SR4	9/3/2017 22:56	27.17	82.9	5.49	5.8
SR4	9/3/2017 5:01	27.51	87.1	5.78	5.1	SR4	9/3/2017 11:01	27.15	85.1	5.65	7.0	SR4	9/3/2017 17:01	27.64	89.3	5.88	4.3	SR4	9/3/2017 23:01	27.17	86.0	5.69	4.3
SR4	9/3/2017 5:06	27.45	87.5	5.81	6.3	SR4	9/3/2017 11:06	26.98	88.2	5.85	3.4	SR4	9/3/2017 17:06	27.62	88.8	5.85	7.0	SR4	9/3/2017 23:06	27.21	85.9	5.69	7.1
SR4	9/3/2017 5:11	27.52	86.2	5.72	3.0	SR4	9/3/2017 11:11	26.96	86.4	5.74	6.6	SR4	9/3/2017 17:11	27.59	87.8	5.78	7.5	SR4	9/3/2017 23:11	27.19	83.4	5.52	7.3
SR4	9/3/2017 5:16	27.45	87.8	5.83	7.1	SR4	9/3/2017 11:16	26.96	87.9	5.83	2.4	SR4	9/3/2017 17:16	27.60	89.0	5.86	7.6	SR4	9/3/2017 23:16	27.21	84.2	5.58	4.8
SR4	9/3/2017 5:21	27.47	87.6	5.81	6.0	SR4	9/3/2017 11:21	26.96	85.4	5.67	5.8	SR4	9/3/2017 17:21	27.62	87.1	5.74	4.8	SR4	9/3/2017 23:21	27.21	85.7	5.67	4.5
SR4	9/3/2017 5:26	27.46	87.0	5.77	6.2	SR4	9/3/2017 11:26	26.99	86.7	5.76	2.3	SR4	9/3/2017 17:26	27.59	89.6	5.90	4.3	SR4	9/3/2017 23:26	27.22	86.3	5.72	5.7
SR4	9/3/2017 5:31	27.49	86.8	5.76	7.2	SR4	9/3/2017 11:31	26.88	87.2	5.77	3.1	SR4	9/3/2017 17:31	27.60	90.0	5.92	6.8	SR4	9/3/2017 23:31	27.23	82.5	5.46	5.1
SR4	9/3/2017 5:36	27.40	88.6	5.88	3.3	SR4	9/3/2017 11:36	26.97	88.6	5.87	3.1	SR4	9/3/2017 17:36	27.60	89.6	5.90	5.8	SR4	9/3/2017 23:36	27.23	82.0	5.43	8.1
SR4	9/3/2017 5:41	27.36	87.0	5.78	6.1	SR4	9/3/2017 11:41	26.88	85.4	5.66	4.5	SR4	9/3/2017 17:41	27.60	87.6	5.76	7.8	SR4	9/3/2017 23:41	27.23	81.1	5.37	9.8
SR4	9/3/2017 5:46	27.34	89.4	5.93	4.3	SR4	9/3/2017 11:46	26.86	87.6	5.82	3.1	SR4	9/3/2017 17:46	27.59	91.2	6.00	5.8	SR4	9/3/2017 23:46	27.23	84.1	5.57	8.0
SR4	9/3/2017 5:51	27.27	85.9	5.70	5.5	SR4	9/3/2017 11:51	26.86	87.2	5.78	3.2	SR4	9/3/2017 17:51	27.62	87.6	5.76	6.3	SR4	9/3/2017 23:51	27.23	81.7	5.41	3.8
SR4	9/3/2017 5:56	27.24	88.0	5.85	5.3	SR4	9/3/2017 11:56	26.87	84.2	5.59	2.5	SR4	9/3/2017 17:56	27.67	88.4	5.82	6.0	SR4	9/3/2017 23:56	27.22	81.9	5.42	7.8

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR5	9/3/2017 0:00	26.80	81.8	5.70	6.9	SR5	9/3/2017 6:00	27.46	86.2	6.04	6.8		9/3/2017 12:00	27.33	78.2	5.47	6.6	SR5	9/3/2017 18:00	27.27	79.7	5.52	6.9
SR5	9/3/2017 0:05	26.95	81.1	5.66	6.6	SR5	9/3/2017 6:05	27.51	87.7	6.13	5.8		9/3/2017 12:05	27.32	78.1	5.47	6.1	SR5	9/3/2017 18:05	27.31	79.2	5.48	5.4
SR5	9/3/2017 0:10	27.03	81.3	5.68	5.5	SR5	9/3/2017 6:10	27.62	89.1	6.23	6.2	SR5	9/3/2017 12:10	27.23	78.1	5.46	5.9	SR5	9/3/2017 18:10	27.23	79.3	5.49	5.7
SR5	9/3/2017 0:15	26.95	81.2	5.68	5.8	SR5	9/3/2017 6:15	27.63	88.8	6.20	5.6	SR5	9/3/2017 12:15	27.35	77.3	5.41	6.9	SR5	9/3/2017 18:15	27.34	78.4	5.44	6.5
SR5	9/3/2017 0:20	26.94	82.0	5.72	5.4	SR5	9/3/2017 6:20	27.62	89.8	6.27	6.7	SR5	9/3/2017 12:20	27.22	78.8	5.51	6.0	SR5	9/3/2017 18:20	27.40	79.0	5.47	5.1
SR5	9/3/2017 0:25	27.03	80.0	5.59	6.0	SR5	9/3/2017 6:25	27.61	90.7	6.34	6.9	SR5	9/3/2017 12:25	27.15	77.3	5.41	6.7	SR5	9/3/2017 18:25	27.38	80.7	5.59	6.7
SR5	9/3/2017 0:30	26.99	82.0	5.72	5.7	SR5	9/3/2017 6:30	27.52	90.2	6.33	5.7	SR5	9/3/2017 12:30	27.25	78.7	5.50	6.8	SR5	9/3/2017 18:30	27.34	80.2	5.56	5.8
SR5	9/3/2017 0:35	27.15	82.0	5.72	5.1	SR5	9/3/2017 6:35	27.59	89.1	6.26	6.3	SR5	9/3/2017 12:35	27.21	79.6	5.55	5.0	SR5	9/3/2017 18:35	27.42	81.3	5.64	6.8
SR5	9/3/2017 0:40	27.03	81.6	5.70	5.8	SR5	9/3/2017 6:40	27.54	91.6	6.42	6.5	SR5	9/3/2017 12:40	27.28	78.9	5.52	6.6	SR5	9/3/2017 18:40	27.40	80.8	5.60	5.7
SR5	9/3/2017 0:45	26.92	81.6	5.70	5.4	SR5	9/3/2017 6:45	27.68	88.5	6.22	6.6	SR5	9/3/2017 12:45	27.18	78.6	5.49	6.0	SR5	9/3/2017 18:45	27.37	80.7	5.60	5.5
SR5	9/3/2017 0:50	27.14	83.1	5.80	6.7	SR5	9/3/2017 6:50	27.62	88.1	6.19	5.9	SR5	9/3/2017 12:50	27.17	77.5	5.42	6.8	SR5	9/3/2017 18:50	27.37	80.0	5.55	6.9
SR5	9/3/2017 0:55	27.17	82.8	5.78	5.1	SR5	9/3/2017 6:55	27.54	85.9	6.05	5.0	SR5	9/3/2017 12:55	27.15	78.0	5.43	5.9	SR5	9/3/2017 18:55	27.37	80.7	5.61	5.5
SR5	9/3/2017 1:00	27.15	84.1	5.88	5.4	SR5	9/3/2017 7:00	27.61	86.5	6.09	5.9	SR5	9/3/2017 13:00	27.26	80.1	5.56	6.6	SR5	9/3/2017 19:00	27.37	82.6	5.74	6.1
SR5	9/3/2017 1:05	27.14	84.2	5.89	6.7	SR5	9/3/2017 7:05	27.54	85.5	6.02	6.3	SR5	9/3/2017 13:05	27.26	77.8	5.42	5.6	SR5	9/3/2017 19:05	27.43	79.8	5.56	5.9
SR5	9/3/2017 1:10	27.04	85.0	5.94	6.6	SR5	9/3/2017 7:10	27.61	86.8	6.11	6.4	SR5	9/3/2017 13:10	27.15	78.3	5.45	6.4	SR5	9/3/2017 19:10	27.31	79.9	5.57	6.0
SR5	9/3/2017 1:15	27.06	84.2	5.89	5.2	SR5	9/3/2017 7:15	27.76	87.3	6.14	5.3	SR5	9/3/2017 13:15	27.15	78.9	5.48	5.2	SR5	9/3/2017 19:15	27.43	79.2	5.52	6.3
SR5	9/3/2017 1:20	27.10	84.8	5.93	6.1	SR5	9/3/2017 7:20	27.63	86.7	6.10	5.3	SR5	9/3/2017 13:20	27.37	78.4	5.45	5.6	SR5	9/3/2017 19:20	27.32	78.5	5.47	5.1
SR5	9/3/2017 1:25	27.12	84.7	5.93	6.0	SR5	9/3/2017 7:25	27.62	86.5	6.09	5.4	SR5	9/3/2017 13:25	27.30	78.7	5.47	6.1	SR5	9/3/2017 19:25	27.29	77.0	5.37	5.2
SR5	9/3/2017 1:30	26.97	85.0	5.95	6.2	SR5	9/3/2017 7:30	27.71	85.9	6.04	6.9	SR5	9/3/2017 13:30	27.29	77.7	5.40	6.1	SR5	9/3/2017 19:30	27.48	78.0	5.44	6.0
SR5	9/3/2017 1:35	27.14	84.1	5.88	5.8	SR5	9/3/2017 7:35	27.76	86.5	6.09	5.7	SR5	9/3/2017 13:35	27.36	76.8	5.34	6.5	SR5	9/3/2017 19:35	27.29	76.9	5.37	6.3
SR5	9/3/2017 1:40	27.03	83.2	5.82	5.3	SR5	9/3/2017 7:40	27.64	86.3	6.07	5.4	SR5	9/3/2017 13:40	27.36	76.5	5.31	5.5	SR5	9/3/2017 19:40	27.38	78.8	5.50	5.5
SR5	9/3/2017 1:45	26.95	83.7	5.85	5.5	SR5	9/3/2017 7:45	27.58	85.6	6.01	6.5	SR5	9/3/2017 13:45	27.34	75.0	5.22	6.4	SR5	9/3/2017 19:45	27.34	76.2	5.33	5.6
SR5	9/3/2017 1:50	26.98	83.0	5.81	6.6	SR5	9/3/2017 7:50	27.61	84.5	5.95	6.9	SR5	9/3/2017 13:50	27.23	76.5	5.32	5.5	SR5	9/3/2017 19:50	27.34	76.1	5.32	5.9
SR5	9/3/2017 1:55	26.93	83.0	5.81	6.8	SR5	9/3/2017 7:55	27.62	84.2	5.93	6.7	SR5	9/3/2017 13:55	27.24	78.0	5.41	5.3	SR5	9/3/2017 19:55	27.32	75.8	5.30	5.4
SR5	9/3/2017 2:00	26.89	83.3	5.82	5.6	SR5	9/3/2017 8:00	27.67	85.9	6.05	6.2	SR5	9/3/2017 14:00	27.34	76.4	5.31	5.9	SR5	9/3/2017 20:00	27.33	76.0	5.32	5.7
SR5	9/3/2017 2:05	27.02	84.4	5.90	6.9	SR5	9/3/2017 8:05	27.57	85.5	6.04	5.7	SR5	9/3/2017 14:05	27.20	75.9	5.28	6.9	SR5	9/3/2017 20:05	27.35	76.0	5.31	6.4
SR5	9/3/2017 2:10	27.02	86.1	6.01	5.5	SR5	9/3/2017 8:10	27.61	87.1	6.15	6.2	SR5	9/3/2017 14:10	27.34	77.0	5.35	5.5	SR5	9/3/2017 20:10	27.44	76.8	5.36	5.3
SR5	9/3/2017 2:15	26.92	85.8	5.99	5.7	SR5	9/3/2017 8:15	27.74	84.8	6.00	6.3	SR5	9/3/2017 14:15	27.19	77.3	5.38	6.6	SR5	9/3/2017 20:15	27.46	75.9	5.30	5.6
SR5	9/3/2017 2:20	27.03	85.4	5.97	5.2	SR5	9/3/2017 8:20	27.68	85.6	6.05	6.6	SR5	9/3/2017 14:20	27.36	77.0	5.36	5.5	SR5	9/3/2017 20:20	27.37	74.4	5.20	6.3
SR5	9/3/2017 2:25	26.97	86.2	6.03	6.1	SR5	9/3/2017 8:25	27.67	85.2	6.01	6.7	SR5	9/3/2017 14:25	27.20	77.6	5.40	6.3	SR5	9/3/2017 20:25	27.45	76.1	5.31	5.1
SR5	9/3/2017 2:30	26.91	84.8	5.94	6.6	SR5	9/3/2017 8:30	27.77	84.3	5.95	6.9	SR5	9/3/2017 14:30	27.34	77.2	5.37	5.0	SR5	9/3/2017 20:30	27.47	76.5	5.33	5.8
SR5	9/3/2017 2:35	27.04	82.3	5.77	5.5	SR5	9/3/2017 8:35	27.68	83.5	5.88	5.5	SR5	9/3/2017 14:35	27.17	75.9	5.28	6.3	SR5	9/3/2017 20:35	27.45	75.8	5.29	6.0
SR5	9/3/2017 2:40	27.04	82.0	5.75	6.5	SR5	9/3/2017 8:40	27.73	84.8	5.97	6.6	SR5	9/3/2017 14:40	27.17	77.5	5.38	6.2	SR5	9/3/2017 20:40	27.39	76.3	5.32	7.3
SR5	9/3/2017 2:45	27.03	83.3	5.82	5.2	SR5	9/3/2017 8:45	27.53	85.0	5.98	6.3	SR5	9/3/2017 14:45	27.24	78.1	5.42	6.3	SR5	9/3/2017 20:45	27.45	76.0	5.31	7.2
SR5	9/3/2017 2:50	26.99	85.4	5.95	6.9	SR5	9/3/2017 8:50	27.62	85.3	6.01	6.8	SR5	9/3/2017 14:50	27.25	76.2	5.30	6.5	SR5	9/3/2017 20:50	27.41	77.7	5.41	5.7
SR5	9/3/2017 2:55	27.16	86.9	6.06	5.2	SR5	9/3/2017 8:55	27.48	84.3	5.93	6.6	SR5	9/3/2017 14:55	27.32	77.1	5.34	6.4	SR5	9/3/2017 20:55	27.36	77.1	5.38	6.9
SR5	9/3/2017 3:00	27.08	91.4	6.38	5.0	SR5	9/3/2017 9:00	27.58	84.1	5.92	6.0	SR5	9/3/2017 15:00	27.14	76.7	5.32	5.2	SR5	9/3/2017 21:00	27.29	77.7	5.41	7.7
SR5	9/3/2017 3:05	27.04	93.2	6.48	5.0	SR5	9/3/2017 9:05	27.56	83.6	5.88	5.1	SR5	9/3/2017 15:05	27.33	76.6	5.31	6.7	SR5	9/3/2017 21:05	27.41	77.6	5.41	7.0
SR5	9/3/2017 3:10	27.04	93.3	6.49	6.7	SR5	9/3/2017 9:10	27.49	83.9	5.90	5.2	SR5	9/3/2017 15:10	27.17	77.4	5.36	6.7	SR5	9/3/2017 21:10	27.42	76.8	5.35	6.8
SR5	9/3/2017 3:15	27.00	94.1	6.55	5.8	SR5	9/3/2017 9:15	27.54	83.4	5.86	6.5	SR5	9/3/2017 15:15	27.33	76.5	5.30	5.3	SR5	9/3/2017 21:15	27.41	79.1	5.51	7.2
SR5	9/3/2017 3:20	27.07	93.7	6.55	6.1	SR5	9/3/2017 9:20	27.46	83.9	5.88	5.8	SR5	9/3/2017 15:20	27.14	76.0	5.26	6.6	SR5	9/3/2017 21:20	27.35	78.4	5.46	6.8
SR5	9/3/2017 3:25	27.04	96.4	6.73	6.5	SR5	9/3/2017 9:25	27.33	83.3	5.83	6.2	SR5	9/3/2017 15:25	27.23	76.7	5.31	6.4	SR5	9/3/2017 21:25	27.28	79.5	5.54	6.9
SR5	9/3/2017 3:30	27.04	96.6	6.74	6.3	SR5	9/3/2017 9:30	27.38	83.7	5.86	6.1	SR5	9/3/2017 15:30	27.29	76.0	5.26	6.8	SR5	9/3/2017 21:30	27.34	79.4	5.53	8.0
SR5	9/3/2017 3:35	27.08	98.2	6.84	6.1	SR5	9/3/2017 9:35	27.50	83.3	5.83	5.2	SR5	9/3/2017 15:35	27.22	74.0	5.13	5.8	SR5	9/3/2017 21:35	27.35	78.5	5.47	7.7
SR5	9/3/2017 3:40	27.16	96.2	6.71	6.0	SR5	9/3/2017 9:40	27.41	82.2	5.76	6.5	SR5	9/3/2017 15:40	27.25	75.6	5.24	6.6	SR5	9/3/2017 21:40	27.32	79.5	5.53	7.5
SR5	9/3/2017 3:45	27.10	95.8	6.68	5.0	SR5	9/3/2017 9:45	27.38	83.8	5.86	5.9	SR5	9/3/2017 15:45	27.33	75.2	5.21	6.9	SR5	9/3/2017 21:45	27.34	78.7	5.48	7.4
SR5	9/3/2017 3:50	27.18	94.9	6.63	6.8	SR5	9/3/2017 9:50	27.31	83.0	5.80	6.9	SR5	9/3/2017 15:50	27.18	75.6	5.23	6.4	SR5	9/3/2017 21:50	27.25	79.4	5.53	7.2
SR5	9/3/2017 3:55	27.17	97.0	6.77	6.2	SR5	9/3/2017 9:55	27.48	83.2	5.82	5.4	SR5	9/3/2017 15:55	27.16	75.9	5.26	6.3	SR5	9/3/2017 21:55	27.27	80.5	5.60	6.7
SR5	9/3/2017 4:00	27.07	95.8	6.69	5.0	SR5	9/3/2017 10:00	27.38	82.6	5.78	5.5	SR5	9/3/2017 16:00	27.28	74.5	5.17	5.0	SR5	9/3/2017 22:00	27.24	81.5	5.67	6.7
SR5	9/3/2017 4:05	27.20	96.2	6.72	6.6	SR5	9/3/2017 10:05	27.29	82.3	5.76	6.4	SR5	9/3/2017 16:05	27.29	76.7	5.31	6.0	SR5	9/3/2017 22:05	27.22	83.0	5.78	7.4
SR5	9/3/2017 4:10	27.26	95.8	6.69	5.2	SR5	9/3/2017 10:10	27.32	81.3	5.69	5.0	SR5	9/3/2017 16:10	27.24	75.7	5.25	6.6	SR5	9/3/2017 22:10	27.30	81.8	5.70	6.9
SR5	9/3/2017 4:15	27.27	95.4	6.65	6.3	SR5	9/3/2017 10:15	27.36	84.0	5.87	6.2	SR5	9/3/2017 16:15	27.26	75.0	5.21	5.3	SR5	9/3/2017 22:15	27.21	84.2	5.86	7.1
SR5	9/3/2017 4:20	27.24	97.8	6.81	6.7	SR5	9/3/2017 10:20	27.31	83.4	5.83	5.9	SR5	9/3/2017 16:20	27.23	75.2	5.24	5.0	SR5	9/3/2017 22:20	27.34	81.8	5.69	6.2
SR5	9/3/2017 4:25	27.33	94.6	6.60	6.3	SR5	9/3/2017 10:25	27.30	82.2	5.75	6.0	SR5	9/3/2017 16:25	27.14	75.7	5.27	6.3	SR5	9/3/2017 22:25	27.19	82.4	5.74	7.7
SR5	9/3/2017 4:30	27.37	92.5	6.45	6.7	SR5	9/3/2017 10:30	27.26	82.5	5.77	6.5	SR5	9/3/2017 16:30	27.23	75.2	5.24	5.8	SR5	9/3/2017 22:30	27.34	82.6	5.76	6.2
SR5	9/3/2017 4:35	27.22	94.1	6.56	5.0	SR5	9/3/2017 10:35	27.27	82.5	5.77	5.4	SR5	9/3/2017 16:35	27.26	76.1	5.29	5.8	SR5	9/3/2017 22:35	27.28	83.4	5.81	5.7
SR5	9/3/2017 4:40	27.37	94.2	6.57	6.1	SR5	9/3/2017 10:40	27.29	81.2	5.68	6.2	SR5	9/3/2017 16:40	27.24	75.3	5.24	6.6	SR5	9/3/2017 22:40	27.23	83.2	5.79	6.1
SR5	9/3/2017 4:45	27.39	95.0	6.63	6.1	SR5	9/3/2017 10:45	27.38	81.8	5.72	5.5	SR5	9/3/2017 16:45	27.29	76.1	5.30	6.7	SR5	9/3/2017 22:45	27.26	84.5	5.89	7.4
SR5	9/3/2017 4:50	27.27	92.3	6.43	5.6	SR5	9/3/2017 10:50	27.41	83.0	5.81	6.1	SR5	9/3/2017 16:50	27.30	75.3	5.25	6.8	SR5	9/3/2017 22:50	27.19	85.5	5.96	6.0
SR5	9/3/2017 4:55	27.39	90.0	6.28	6.4	SR5	9/3/2017 10:55	27.28	83.6	5.84	6.0	SR5	9/3/2017 16:55	27.31	75.7	5.27	6.9	SR5	9/3/2017 22:55	27.12	85.5	5.96	6.8
SR5	9/3/2017 5:00	27.37	88.4	6.16	5.5	SR5	9/3/2017 11:00	27.21	82.1	5.75	5.4	SR5	9/3/2017 17:00	27.15	77.1	5.37	5.4	SR5	9/3/2017 23:00	27.25	87.0	6.05	7.1
SR5	9/3/2017 5:05	27.38	87.3	6.09	5.9	SR5	9/3/2017 11:05	27.37	83.4	5.83	5.2	SR5	9/3/2017 17:05	27.32	76.9	5.35	5.4	SR5	9/3/2017 23:05	27.11	87.1	6.06	7.4
SR5	9/3/2017 5:10	27.41	83.9	5.86	5.7	SR5	9/3/2017 11:10	27.21	82.1	5.75	5.3	SR5	9/3/2017 17:10	27.26	76.2	5.30	5.5	SR5	9/3/2017 23:10	27.14	85.7	5.96	6.3
SR5	9/3/2017 5:15	27.43	81.9	5.72	6.0	SR5	9/3/2017 11:15	27.21	82.5	5.77	5.1	SR5	9/3/2017 17:15	27.28	76.7	5.33	6.2	SR5	9/3/2017 23:15	27.29	86.0	5.98	7.5
SR5	9/3/2017 5:20	27.48	80.5	5.63	6.8	SR5	9/3/2017 11:20	27.28	81.0	5.67	5.9	SR5	9/3/2017 17:20	27.13	75.6	5.26	5.3	SR5	9/3/2017 23:20	27.20	87.2	6.05	6.2
SR5	9/3/2017 5:25	27.40	82.3	5.75	6.4	SR5	9/3/2017 11:25	27.34	81.3	5.68	6.9	SR5	9/3/2017 17:25	27.22	76.7	5.33	5.8	SR5	9/3/2017 23:25	27.33	87.6	6.08	8.1
SR5	9/3/2017 5:30	27.43	84.6	5.92	5.6	SR5	9/3/2017 11:30	27.25	81.3	5.67	6.2	SR5	9/3/2017 17:30	27.27	76.7	5.33	5.0	SR5	9/3/2017 23:30	27.33	86.2	5.97	7.1
SR5	9/3/2017 5:35	27.51	86.8	6.06	6.5	SR5	9/3/2017 11:35	27.20	81.8	5.70	5.5	SR5	9/3/2017 17:35	27.14	76.6	5.32	6.4	SR5	9/3/2017 23:35	27.36	85.8	5.95	6.7
SR5	9/3/2017 5:40	27.51	89.5	6.26	6.9	SR5	9/3/2017 11:40	27.25	80.1	5.59	5.1	SR5	9/3/2017 17:40	27.19	77.2	5.35	5.0	SR5	9/3/2017 23:40	27.30	85.4	5.92	7.1
SR5	9/3/2017 5:45	27.54	91.1	6.36	5.7	SR5	9/3/2017 11:45	27.21	81.1	5.67	5.2	SR5	9/3/2017 17:45	27.26	79.5	5.51	5.8	SR5	9/3/2017 23:45	27.28	86.7	6.01	7.3
SR5	9/3/2017 5:50	27.51	88.5	6.20	6.6	SR5	42981.49309	27.22	80.8	5.64	5.9	SR5	9/3/2017 17:50	27.26	78.1	5.42	6.5	SR5	9/3/2017 23:50	27.20	84.5	5.85	6.7
SR5	9/3/2017 5:55	27.67	88.6	6.21	5.4	SR5	42981.49656	27.32	79	5.52	6.5	SR5	9/3/2017 17:55	27.15	78.5	5.44	5.3	SR5	9/3/2017 23:55	27.17	83.9	5.81	6.3

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR12	9/3/2017 0:01	26.79	76.4	5.48	7.2	SR12	9/3/2017 6:01	27.60	72.5	5.21	7.9	SR12	9/3/2017 12:01	27.31	72.0	5.18	6.7	SR12	9/3/2017 18:01	27.31	76.4	5.44	5.6
SR12	9/3/2017 0:06	26.79	74.2	5.32	8.2	SR12	9/3/2017 6:06	27.62	73.3	5.26	7.9	SR12	9/3/2017 12:06	27.25	72.1	5.19	8.3	SR12	9/3/2017 18:06	27.12	76.1	5.42	7.8
SR12	9/3/2017 0:11	26.84	75.0	5.39	5.0	SR12	9/3/2017 6:11	27.49	75.0	5.38	5.2	SR12	9/3/2017 12:11	27.21	72.3	5.20	8.3	SR12	9/3/2017 18:11	27.30	76.6	5.46	5.4
SR12	9/3/2017 0:16	26.88	73.3	5.26	6.9	SR12	9/3/2017 6:16	27.64	74.4	5.34	4.9	SR12	9/3/2017 12:16	27.13	70.8	5.10	6.1	SR12	9/3/2017 18:16	27.28	75.5	5.38	7.5
SR12	9/3/2017 0:21	27.02	75.8	5.44	9.0	SR12	9/3/2017 6:21	27.62	75.1	5.38	4.9	SR12	9/3/2017 12:21	27.25	73.0	5.25	8.6	SR12	9/3/2017 18:21	27.15	76.5	5.45	7.7
SR12	9/3/2017 0:26	27.01	73.2	5.26	9.4	SR12	9/3/2017 6:26	27.49	75.4	5.42	9.2	SR12	9/3/2017 12:26	27.31	71.1	5.12	7.3	SR12	9/3/2017 18:26	27.32	76.5	5.44	5.8
SR12	9/3/2017 0:31	26.86	75.6	5.43	9.5	SR12	9/3/2017 6:31	27.63	73.0	5.24	8.0	SR12	9/3/2017 12:31	27.17	72.4	5.20	9.4	SR12	9/3/2017 18:31	27.31	76.4	5.43	9.5
SR12	9/3/2017 0:36	26.89	74.6	5.36	5.6	SR12	9/3/2017 6:36	27.63	74.3	5.34	9.4	SR12	9/3/2017 12:36	27.21	74.0	5.32	8.8	SR12	9/3/2017 18:36	27.34	77.5	5.52	7.1
SR12	9/3/2017 0:41	27.02	73.5	5.28	6.5	SR12	9/3/2017 6:41	27.67	76.5	5.48	8.5	SR12	9/3/2017 12:41	27.30	73.5	5.29	9.1	SR12	9/3/2017 18:41	27.27	76.3	5.43	8.9
SR12	9/3/2017 0:46	27.11	73.8	5.31	7.1	SR12	9/3/2017 6:46	27.54	74.3	5.34	8.6	SR12	9/3/2017 12:46	27.13	72.4	5.20	7.5	SR12	9/3/2017 18:46	27.32	75.6	5.38	6.6
SR12	9/3/2017 0:51	27.16	73.5	5.27	7.0	SR12	9/3/2017 6:51	27.70	74.6	5.35	6.2	SR12	9/3/2017 12:51	27.16	71.3	5.13	6.6	SR12	9/3/2017 18:51	27.36	75.4	5.38	9.3
SR12	9/3/2017 0:56	27.07	74.4	5.35	7.8	SR12	9/3/2017 6:56	27.67	72.8	5.23	9.6	SR12	9/3/2017 12:56	27.31	71.6	5.12	5.0	SR12	9/3/2017 18:56	27.36	76.8	5.48	5.5
SR12	9/3/2017 1:01	26.92	74.9	5.39	5.6	SR12	9/3/2017 7:01	27.73	73.9	5.31	8.9	SR12	9/3/2017 13:01	27.26	74.7	5.34	9.2	SR12	9/3/2017 19:01	27.30	78.4	5.58	6.4
SR12	9/3/2017 1:06	27.11	73.4	5.27	6.4	SR12	9/3/2017 7:06	27.69	73.6	5.29	5.8	SR12	9/3/2017 13:06	27.22	72.1	5.17	8.7	SR12	9/3/2017 19:06	27.25	75.1	5.35	7.0
SR12	9/3/2017 1:11	27.10	74.4	5.35	5.3	SR12	9/3/2017 7:11	27.65	74.3	5.33	7.4	SR12	9/3/2017 13:11	27.21	72.3	5.18	9.4	SR12	9/3/2017 19:11	27.31	76.2	5.43	5.1
SR12	9/3/2017 1:16	27.12	72.4	5.21	8.2	SR12	9/3/2017 7:16	27.55	74.2	5.32	5.6	SR12	9/3/2017 13:16	27.16	73.2	5.24	5.1	SR12	9/3/2017 19:16	27.39	76.5	5.46	6.0
SR12	9/3/2017 1:21	27.07	73.2	5.26	6.8	SR12	9/3/2017 7:21	27.59	73.7	5.29	7.8	SR12	9/3/2017 13:21	27.19	73.3	5.25	9.1	SR12	9/3/2017 19:21	27.39	76.4	5.46	7.7
SR12	9/3/2017 1:26	27.09	72.6	5.22	8.2	SR12	9/3/2017 7:26	27.63	73.6	5.29	7.7	SR12	9/3/2017 13:26	27.29	73.4	5.25	5.3	SR12	9/3/2017 19:26	27.41	74.8	5.34	7.6
SR12	9/3/2017 1:31	27.20	74.7	5.38	9.0	SR12	9/3/2017 7:31	27.66	73.9	5.30	8.6	SR12	9/3/2017 13:31	27.33	72.3	5.18	5.1	SR12	9/3/2017 19:31	27.44	75.5	5.38	7.5
SR12	9/3/2017 1:36	27.08	73.3	5.27	5.3	SR12	9/3/2017 7:36	27.60	75.3	5.41	9.6	SR12	9/3/2017 13:36	27.33	71.3	5.11	5.3	SR12	9/3/2017 19:36	27.47	75.9	5.43	6.3
SR12	9/3/2017 1:41	27.00	72.6	5.22	8.9	SR12	9/3/2017 7:41	27.62	75.4	5.42	9.4	SR12	9/3/2017 13:41	27.19	71.6	5.13	6.7	SR12	9/3/2017 19:41	27.32	77.4	5.52	8.3
SR12	9/3/2017 1:46	27.15	73.5	5.29	5.6	SR12	9/3/2017 7:46	27.65	74.3	5.33	6.4	SR12	9/3/2017 13:46	27.28	69.6	5.00	6.7	SR12	9/3/2017 19:46	27.36	75.9	5.43	7.3
SR12	9/3/2017 1:51	26.97	72.8	5.23	5.4	SR12	9/3/2017 7:51	27.65	74.4	5.35	8.2	SR12	9/3/2017 13:51	27.29	71.9	5.15	6.9	SR12	9/3/2017 19:51	27.47	75.7	5.41	6.8
SR12	9/3/2017 1:56	27.01	74.6	5.37	8.6	SR12	9/3/2017 7:56	27.63	73.3	5.27	9.3	SR12	9/3/2017 13:56	27.28	73.2	5.23	7.9	SR12	9/3/2017 19:56	27.36	75.2	5.37	6.3
SR12	9/3/2017 2:01	26.93	74.3	5.34	5.7	SR12	9/3/2017 8:01	27.70	75.6	5.43	7.9	SR12	9/3/2017 14:01	27.39	72.7	5.22	7.7	SR12	9/3/2017 20:01	27.48	74.5	5.32	7.3
SR12	9/3/2017 2:06	26.95	74.1	5.33	5.7	SR12	9/3/2017 8:06	27.65	74.8	5.38	5.1	SR12	9/3/2017 14:06	27.35	71.4	5.12	6.2	SR12	9/3/2017 20:06	27.32	75.5	5.40	6.7
SR12	9/3/2017 2:11	27.01	74.6	5.36	6.7	SR12	9/3/2017 8:11	27.55	75.4	5.41	7.7	SR12	9/3/2017 14:11	27.27	72.2	5.17	6.6	SR12	9/3/2017 20:11	27.30	77.1	5.51	7.0
SR12	9/3/2017 2:16	26.84	74.1	5.33	8.6	SR12	9/3/2017 8:16	27.63	73.4	5.28	6.8	SR12	9/3/2017 14:16	27.40	72.2	5.18	9.3	SR12	9/3/2017 20:16	27.35	74.8	5.34	6.3
SR12	9/3/2017 2:21	26.94	73.8	5.31	7.6	SR12	9/3/2017 8:21	27.57	74.1	5.32	6.2	SR12	9/3/2017 14:21	27.29	72.3	5.18	**11.2**	SR12	9/3/2017 20:21	27.32	74.3	5.32	7.8
SR12	9/3/2017 2:26	26.93	74.4	5.34	8.5	SR12	9/3/2017 8:26	27.63	74.1	5.33	5.1	SR12	9/3/2017 14:26	27.22	73.0	5.22	9.1	SR12	9/3/2017 20:26	27.45	75.6	5.40	5.2
SR12	9/3/2017 2:31	26.95	75.0	5.39	6.8	SR12	9/3/2017 8:31	27.61	73.3	5.27	6.8	SR12	9/3/2017 14:31	27.30	73.1	5.23	4.8	SR12	9/3/2017 20:31	27.39	76.5	5.47	9.2
SR12	9/3/2017 2:36	26.85	73.4	5.28	5.3	SR12	9/3/2017 8:36	27.58	72.8	5.23	6.7	SR12	9/3/2017 14:36	27.33	72.0	5.16	6.5	SR12	9/3/2017 20:36	27.45	75.6	5.41	5.7
SR12	9/3/2017 2:41	27.03	72.4	5.21	6.8	SR12	9/3/2017 8:41	27.77	74.8	5.38	6.6	SR12	9/3/2017 14:41	27.27	74.4	5.32	6.6	SR12	9/3/2017 20:41	27.29	75.7	5.42	5.6
SR12	9/3/2017 2:46	26.86	73.2	5.26	5.2	SR12	9/3/2017 8:46	27.70	73.6	5.28	9.3	SR12	9/3/2017 14:46	27.34	74.3	5.31	8.3	SR12	9/3/2017 20:46	27.36	75.0	5.38	7.4
SR12	9/3/2017 2:51	26.96	73.8	5.30	5.0	SR12	9/3/2017 8:51	27.56	74.9	5.38	6.7	SR12	9/3/2017 14:51	27.19	72.5	5.19	9.5	SR12	9/3/2017 20:51	27.42	77.5	5.55	8.4
SR12	9/3/2017 2:56	27.03	74.1	5.32	5.6	SR12	9/3/2017 8:56	27.63	73.1	5.25	7.7	SR12	9/3/2017 14:56	27.16	74.6	5.33	8.8	SR12	9/3/2017 20:56	27.28	76.0	5.44	6.4
SR12	9/3/2017 3:01	26.98	75.2	5.41	5.9	SR12	9/3/2017 9:01	27.58	73.4	5.28	7.5	SR12	9/3/2017 15:01	27.26	73.8	5.28	5.0	SR12	9/3/2017 21:01	27.48	78.3	5.61	7.1
SR12	9/3/2017 3:06	26.92	74.9	5.38	7.4	SR12	9/3/2017 9:06	27.60	73.5	5.29	7.0	SR12	9/3/2017 15:06	27.29	74.2	5.30	7.8	SR12	9/3/2017 21:06	27.40	76.7	5.49	8.9
SR12	9/3/2017 3:11	27.12	73.7	5.29	6.1	SR12	9/3/2017 9:11	27.52	73.6	5.29	8.0	SR12	9/3/2017 15:11	27.34	74.9	5.35	8.3	SR12	9/3/2017 21:11	27.40	76.9	5.52	5.7
SR12	9/3/2017 3:16	27.09	74.8	5.38	4.8	SR12	9/3/2017 9:16	27.50	72.9	5.24	7.8	SR12	9/3/2017 15:16	27.29	74.3	5.31	9.6	SR12	9/3/2017 21:16	27.27	77.1	5.52	5.1
SR12	9/3/2017 3:21	27.22	74.4	5.35	9.4	SR12	9/3/2017 9:21	27.51	73.8	5.31	7.3	SR12	9/3/2017 15:21	27.34	73.7	5.27	7.0	SR12	9/3/2017 21:21	27.32	77.2	5.54	4.9
SR12	9/3/2017 3:26	27.21	75.1	5.38	5.2	SR12	9/3/2017 9:26	27.49	73.1	5.25	6.3	SR12	9/3/2017 15:26	27.26	74.0	5.28	9.1	SR12	9/3/2017 21:26	27.42	76.4	5.47	5.8
SR12	9/3/2017 3:31	27.07	73.4	5.27	7.0	SR12	9/3/2017 9:31	27.55	74.1	5.32	5.2	SR12	9/3/2017 15:31	27.17	74.2	5.30	8.6	SR12	9/3/2017 21:31	27.36	76.1	5.45	5.8
SR12	9/3/2017 3:36	27.03	75.0	5.38	6.1	SR12	9/3/2017 9:36	27.57	74.4	5.35	7.2	SR12	9/3/2017 15:36	27.33	72.3	5.18	6.8	SR12	9/3/2017 21:36	27.38	76.0	5.45	7.3
SR12	9/3/2017 3:41	27.17	74.1	5.32	9.2	SR12	9/3/2017 9:41	27.43	72.9	5.24	7.2	SR12	9/3/2017 15:41	27.24	73.8	5.28	9.6	SR12	9/3/2017 21:41	27.27	77.1	5.53	7.6
SR12	9/3/2017 3:46	26.98	74.8	5.37	7.4	SR12	9/3/2017 9:46	27.38	75.3	5.40	7.2	SR12	9/3/2017 15:46	27.16	74.3	5.30	5.6	SR12	9/3/2017 21:46	27.39	74.4	5.34	6.9
SR12	9/3/2017 3:51	27.10	74.5	5.35	8.8	SR12	9/3/2017 9:51	27.50	74.2	5.33	6.4	SR12	9/3/2017 15:51	27.20	75.6	5.40	7.6	SR12	9/3/2017 21:51	27.36	74.9	5.37	6.2
SR12	9/3/2017 3:56	27.12	76.4	5.48	9.4	SR12	9/3/2017 9:56	27.43	74.1	5.32	7.1	SR12	9/3/2017 15:56	27.26	75.4	5.38	7.3	SR12	9/3/2017 21:56	27.31	75.7	5.42	6.5
SR12	9/3/2017 4:01	27.01	74.9	5.37	8.6	SR12	9/3/2017 10:01	27.33	74.0	5.31	7.9	SR12	9/3/2017 16:01	27.14	73.6	5.26	8.5	SR12	9/3/2017 22:01	27.25	75.6	5.42	9.4
SR12	9/3/2017 4:06	27.12	75.1	5.38	5.1	SR12	9/3/2017 10:06	27.43	72.8	5.23	8.4	SR12	9/3/2017 16:06	27.17	75.7	5.39	6.6	SR12	9/3/2017 22:06	27.32	77.3	5.54	8.8
SR12	9/3/2017 4:11	27.14	75.5	5.41	6.3	SR12	9/3/2017 10:11	27.47	72.4	5.21	6.3	SR12	9/3/2017 16:11	27.14	75.2	5.36	7.5	SR12	9/3/2017 22:11	27.25	74.7	5.35	7.8
SR12	9/3/2017 4:16	27.18	74.1	5.31	6.2	SR12	9/3/2017 10:16	27.31	74.5	5.34	6.0	SR12	9/3/2017 16:16	27.16	74.1	5.29	7.2	SR12	9/3/2017 22:16	27.30	77.2	5.52	6.2
SR12	9/3/2017 4:21	27.21	77.2	5.52	4.9	SR12	9/3/2017 10:21	27.43	74.1	5.32	6.6	SR12	9/3/2017 16:21	27.29	74.6	5.33	7.6	SR12	9/3/2017 22:21	27.22	75.4	5.42	5.7
SR12	9/3/2017 4:26	27.23	76.1	5.46	9.1	SR12	9/3/2017 10:26	27.30	73.3	5.27	8.4	SR12	9/3/2017 16:26	27.20	74.5	5.32	7.1	SR12	9/3/2017 22:26	27.37	75.2	5.40	8.0
SR12	9/3/2017 4:31	27.17	73.6	5.27	5.7	SR12	9/3/2017 10:31	27.39	73.9	5.31	9.3	SR12	9/3/2017 16:31	27.25	73.4	5.24	5.5	SR12	9/3/2017 22:31	27.33	76.0	5.46	7.0
SR12	9/3/2017 4:36	27.27	77.0	5.52	8.4	SR12	9/3/2017 10:36	27.41	73.4	5.27	5.1	SR12	9/3/2017 16:36	27.31	74.8	5.33	5.7	SR12	9/3/2017 22:36	27.21	76.3	5.48	6.1
SR12	9/3/2017 4:41	27.33	76.5	5.48	7.9	SR12	9/3/2017 10:41	27.40	72.0	5.17	9.0	SR12	9/3/2017 16:41	27.12	75.3	5.38	6.4	SR12	9/3/2017 22:41	27.27	74.0	5.31	7.7
SR12	9/3/2017 4:46	27.29	76.9	5.51	5.8	SR12	9/3/2017 10:46	27.42	73.1	5.26	9.1	SR12	9/3/2017 16:46	27.15	75.2	5.36	8.3	SR12	9/3/2017 22:46	27.22	75.0	5.38	7.1
SR12	9/3/2017 4:51	27.39	75.4	5.40	8.4	SR12	9/3/2017 10:51	27.35	74.0	5.31	9.0	SR12	9/3/2017 16:51	27.19	74.4	5.31	5.8	SR12	9/3/2017 22:51	27.37	75.2	5.40	8.8
SR12	9/3/2017 4:56	27.37	75.9	5.43	4.8	SR12	9/3/2017 10:56	27.32	74.8	5.36	8.9	SR12	9/3/2017 16:56	27.22	75.8	5.41	8.4	SR12	9/3/2017 22:56	27.24	75.6	5.43	6.3
SR12	9/3/2017 5:01	27.32	75.6	5.41	6.5	SR12	9/3/2017 11:01	27.41	72.9	5.24	9.6	SR12	9/3/2017 17:01	27.27	77.1	5.49	7.3	SR12	9/3/2017 23:01	27.19	76.4	5.47	9.0
SR12	9/3/2017 5:06	27.46	75.4	5.40	7.6	SR12	9/3/2017 11:06	27.28	74.2	5.32	8.6	SR12	9/3/2017 17:06	27.20	75.5	5.38	8.0	SR12	9/3/2017 23:06	27.15	76.6	5.49	7.6
SR12	9/3/2017 5:11	27.43	74.6	5.34	5.4	SR12	9/3/2017 11:11	27.27	74.1	5.32	7.4	SR12	9/3/2017 17:11	27.28	75.4	5.37	5.0	SR12	9/3/2017 23:11	27.29	75.5	5.42	7.6
SR12	9/3/2017 5:16	27.38	75.0	5.39	8.9	SR12	9/3/2017 11:16	27.35	74.2	5.32	4.9	SR12	9/3/2017 17:16	27.25	76.3	5.44	8.9	SR12	9/3/2017 23:16	27.24	76.0	5.46	9.2
SR12	9/3/2017 5:21	27.54	74.9	5.37	8.6	SR12	9/3/2017 11:21	27.30	73.2	5.26	8.2	SR12	9/3/2017 17:21	27.24	74.8	5.33	6.6	SR12	9/3/2017 23:21	27.17	77.0	5.53	7.4
SR12	9/3/2017 5:26	27.49	74.5	5.35	6.1	SR12	9/3/2017 11:26	27.33	74.4	5.35	5.3	SR12	9/3/2017 17:26	27.24	76.6	5.46	5.0	SR12	9/3/2017 23:26	27.14	77.3	5.55	6.0
SR12	9/3/2017 5:31	27.54	74.1	5.32	7.8	SR12	9/3/2017 11:31	27.27	74.0	5.30	8.0	SR12	9/3/2017 17:31	27.14	77.1	5.49	6.1	SR12	9/3/2017 23:31	27.27	74.2	5.32	8.4
SR12	9/3/2017 5:36	27.48	75.5	5.42	7.6	SR12	9/3/2017 11:36	27.28	74.8	5.35	7.9	SR12	9/3/2017 17:36	27.19	77.5	5.52	8.6	SR12	9/3/2017 23:36	27.25	73.9	5.31	6.8
SR12	9/3/2017 5:41	27.45	74.2	5.33	5.5	SR12	9/3/2017 11:41	27.32	72.9	5.23	5.8	SR12	9/3/2017 17:41	27.12	76.1	5.43	9.6	SR12	9/3/2017 23:41	27.17	74.4	5.35	6.2
SR12	9/3/2017 5:46	27.55	75.8	5.43	6.7	SR12	9/3/2017 11:46	27.21	74.0	5.31	7.1	SR12	9/3/2017 17:46	27.27	77.0	5.47	5.2	SR12	9/3/2017 23:46	27.29	75.5	5.42	6.1
SR12	9/3/2017 5:51	27.51	74.1	5.32	5.8	SR12	9/3/2017 11:51	27.17	74.4	5.33	7.1	SR12	9/3/2017 17:51	27.21	76.4	5.45	8.1	SR12	9/3/2017 23:51	27.31	75.0	5.39	9.2
SR12	9/3/2017 5:56	27.52	74.6	5.35	7.0	SR12	9/3/2017 11:56	27.29	72.9	5.24	7.5	SR12	9/3/2017 17:56	27.31	76.5	5.46	6.5	SR12	9/3/2017 23:56	27.19	75.3	5.42	6.7

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR13	9/3/2017 0:00	27.92	82.8	5.70	6.4	SR13	9/3/2017 6:00	27.41	79.5	5.49	6.1	SR13	9/3/2017 12:00	27.12	78.4	5.40	5.2	SR13	9/3/2017 18:00	27.12	81.5	5.58	4.8
SR13	9/3/2017 0:05	27.94	83.3	5.73	6.8	SR13	9/3/2017 6:05	27.43	79.6	5.48	5.3	SR13	9/3/2017 12:05	27.11	79.0	5.46	6.3	SR13	9/3/2017 18:05	27.14	80.3	5.50	5.7
SR13	9/3/2017 0:10	27.95	79.8	5.50	5.5	SR13	9/3/2017 6:10	27.44	80.5	5.55	5.4	SR13	9/3/2017 12:10	27.11	79.3	5.47	4.7	SR13	9/3/2017 18:10	27.16	80.6	5.52	5.4
SR13	9/3/2017 0:15	27.95	83.5	6.30	5.2	SR13	9/3/2017 6:15	27.46	80.7	5.57	5.0	SR13	9/3/2017 12:15	27.10	77.8	5.37	5.9	SR13	9/3/2017 18:15	27.16	78.5	5.38	7.3
SR13	9/3/2017 0:20	27.95	79.1	5.46	6.0	SR13	9/3/2017 6:20	27.47	81.1	5.58	5.6	SR13	9/3/2017 12:20	27.10	79.5	5.49	4.9	SR13	9/3/2017 18:20	27.17	80.2	5.49	7.5
SR13	9/3/2017 0:25	27.95	73.4	5.08	3.7	SR13	9/3/2017 6:25	27.48	81.6	5.63	7.2	SR13	9/3/2017 12:25	27.10	77.4	5.34	4.6	SR13	9/3/2017 18:25	27.17	81.7	5.58	6.7
SR13	9/3/2017 0:30	27.95	84.3	5.81	3.8	SR13	9/3/2017 6:30	27.48	80.0	5.52	8.6	SR13	9/3/2017 12:30	27.10	79.9	5.52	6.6	SR13	9/3/2017 18:30	27.18	81.5	5.59	7.7
SR13	9/3/2017 0:35	27.96	81.6	5.63	3.8	SR13	9/3/2017 6:35	27.48	80.1	5.53	7.8	SR13	9/3/2017 12:35	27.10	80.6	5.56	4.5	SR13	9/3/2017 18:35	27.18	81.1	5.55	6.9
SR13	9/3/2017 0:40	27.97	82.3	5.67	5.2	SR13	9/3/2017 6:40	27.48	83.2	5.73	4.2	SR13	9/3/2017 12:40	27.10	80.1	5.53	7.4	SR13	9/3/2017 18:40	27.18	80.6	5.51	7.7
SR13	9/3/2017 0:45	27.97	81.5	5.62	5.4	SR13	9/3/2017 6:45	27.49	80.3	5.54	5.7	SR13	9/3/2017 12:45	27.10	78.8	5.44	4.3	SR13	9/3/2017 18:45	27.19	80.4	5.51	8.4
SR13	9/3/2017 0:50	27.97	80.9	5.57	4.5	SR13	9/3/2017 6:50	27.49	80.8	5.57	6.3	SR13	9/3/2017 12:50	27.10	78.1	5.39	4.0	SR13	9/3/2017 18:50	27.22	79.8	5.46	4.7
SR13	9/3/2017 0:55	27.97	77.9	5.38	5.9	SR13	9/3/2017 6:55	27.48	79.7	5.49	7.3	SR13	9/3/2017 12:55	27.11	78.6	5.40	6.1	SR13	9/3/2017 18:55	27.23	80.8	5.53	6.1
SR13	9/3/2017 1:00	27.97	80.1	5.52	5.6	SR13	9/3/2017 7:00	27.47	80.7	5.57	7.3	SR13	9/3/2017 13:00	27.12	80.3	5.51	6.0	SR13	9/3/2017 19:00	27.24	82.5	5.65	6.6
SR13	9/3/2017 1:05	27.97	75.5	5.23	4.4	SR13	9/3/2017 7:05	27.48	79.5	5.48	6.1	SR13	9/3/2017 13:05	27.13	77.7	5.34	4.7	SR13	9/3/2017 19:05	27.25	80.0	5.48	7.7
SR13	9/3/2017 1:10	27.97	80.7	5.57	6.2	SR13	9/3/2017 7:10	27.49	79.9	5.51	4.5	SR13	9/3/2017 13:10	27.15	79.2	5.45	6.1	SR13	9/3/2017 19:10	27.25	81.6	5.59	6.6
SR13	9/3/2017 1:15	27.96	77.6	5.36	4.4	SR13	9/3/2017 7:15	27.49	80.5	5.55	6.0	SR13	9/3/2017 13:15	27.16	79.4	5.45	7.1	SR13	9/3/2017 19:15	27.24	81.1	5.55	7.2
SR13	9/3/2017 1:20	27.95	79.2	5.47	5.8	SR13	9/3/2017 7:20	27.50	80.1	5.53	7.5	SR13	9/3/2017 13:20	27.16	79.9	5.49	6.2	SR13	9/3/2017 19:20	27.24	80.0	5.48	6.9
SR13	9/3/2017 1:25	27.95	76.5	5.29	6.3	SR13	9/3/2017 7:25	27.50	80.3	5.54	6.5	SR13	9/3/2017 13:25	27.16	79.5	5.46	5.0	SR13	9/3/2017 19:25	27.23	80.2	5.50	6.9
SR13	9/3/2017 1:30	27.95	81.7	5.64	4.3	SR13	9/3/2017 7:30	27.50	81.3	5.61	5.2	SR13	9/3/2017 13:30	27.17	78.8	5.42	3.4	SR13	9/3/2017 19:30	27.23	81.2	5.56	6.3
SR13	9/3/2017 1:35	27.95	79.2	5.47	3.8	SR13	9/3/2017 7:35	27.50	81.5	5.62	8.1	SR13	9/3/2017 13:35	27.17	78.0	5.38	5.9	SR13	9/3/2017 19:35	27.25	80.5	5.52	5.0
SR13	9/3/2017 1:40	27.94	77.6	5.36	3.1	SR13	9/3/2017 7:40	27.50	81.2	5.59	8.1	SR13	9/3/2017 13:40	27.17	78.1	5.37	6.7	SR13	9/3/2017 19:40	27.25	83.0	5.68	6.5
SR13	9/3/2017 1:45	27.93	79.8	5.52	5.3	SR13	9/3/2017 7:45	27.50	81.5	5.62	6.1	SR13	9/3/2017 13:45	27.16	76.4	5.26	6.2	SR13	9/3/2017 19:45	27.25	80.4	5.51	6.7
SR13	9/3/2017 1:50	27.92	79.2	5.47	4.5	SR13	9/3/2017 7:50	27.50	80.5	5.56	7.4	SR13	9/3/2017 13:50	27.16	78.5	5.41	6.4	SR13	9/3/2017 19:50	27.24	80.3	5.51	4.8
SR13	9/3/2017 1:55	27.91	80.1	5.54	4.6	SR13	9/3/2017 7:55	27.50	80.5	5.55	5.3	SR13	9/3/2017 13:55	27.16	79.6	5.47	5.6	SR13	9/3/2017 19:55	27.22	80.4	5.51	6.7
SR13	9/3/2017 2:00	27.91	80.2	5.54	5.2	SR13	9/3/2017 8:00	27.50	81.3	5.60	6.4	SR13	9/3/2017 14:00	27.16	78.9	5.43	6.1	SR13	9/3/2017 20:00	27.21	80.5	5.52	4.9
SR13	9/3/2017 2:05	27.91	79.9	5.52	4.5	SR13	9/3/2017 8:05	27.51	81.2	5.60	6.4	SR13	9/3/2017 14:05	27.16	79.0	5.44	5.2	SR13	9/3/2017 20:05	27.22	79.7	5.47	6.2
SR13	9/3/2017 2:10	27.92	80.2	5.53	5.6	SR13	9/3/2017 8:10	27.52	82.2	5.66	7.2	SR13	9/3/2017 14:10	27.15	78.4	5.40	7.6	SR13	9/3/2017 20:10	27.22	81.4	5.58	4.9
SR13	9/3/2017 2:15	27.92	79.0	5.45	6.2	SR13	9/3/2017 8:15	27.53	80.1	5.53	6.7	SR13	9/3/2017 14:15	27.13	79.8	5.49	7.4	SR13	9/3/2017 20:15	27.23	80.7	5.53	7.0
SR13	9/3/2017 2:20	27.92	79.2	5.47	4.6	SR13	9/3/2017 8:20	27.54	80.8	5.58	5.6	SR13	9/3/2017 14:20	27.13	79.2	5.45	7.7	SR13	9/3/2017 20:20	27.23	80.0	5.49	6.2
SR13	9/3/2017 2:25	27.92	80.8	5.58	4.7	SR13	9/3/2017 8:25	27.54	81.7	5.64	5.7	SR13	9/3/2017 14:25	27.12	80.1	5.51	5.4	SR13	9/3/2017 20:25	27.23	81.6	5.60	7.1
SR13	9/3/2017 2:30	27.92	80.3	5.54	5.1	SR13	9/3/2017 8:30	27.52	80.5	5.55	7.3	SR13	9/3/2017 14:30	27.12	79.9	5.49	4.7	SR13	9/3/2017 20:30	27.23	80.7	5.54	5.1
SR13	9/3/2017 2:35	27.94	78.4	5.42	6.6	SR13	9/3/2017 8:35	27.48	80.1	5.53	5.4	SR13	9/3/2017 14:35	27.12	78.4	5.39	5.9	SR13	9/3/2017 20:35	27.23	80.8	5.54	7.8
SR13	9/3/2017 2:40	27.94	78.3	5.42	6.9	SR13	9/3/2017 8:40	27.42	81.5	5.62	5.8	SR13	9/3/2017 14:40	27.12	80.1	5.51	5.4	SR13	9/3/2017 20:40	27.23	80.8	5.54	5.0
SR13	9/3/2017 2:45	27.95	80.0	5.52	4.7	SR13	9/3/2017 8:45	27.40	80.4	5.54	6.1	SR13	9/3/2017 14:45	27.11	82.0	5.63	5.7	SR13	9/3/2017 20:45	27.23	79.6	5.47	7.7
SR13	9/3/2017 2:50	27.95	79.9	5.52	6.3	SR13	9/3/2017 8:50	27.45	82.4	5.68	5.5	SR13	9/3/2017 14:50	27.11	80.0	5.50	6.5	SR13	9/3/2017 20:50	27.23	81.4	5.58	5.5
SR13	9/3/2017 2:55	27.94	79.7	5.50	6.1	SR13	9/3/2017 8:55	27.42	80.9	5.58	5.6	SR13	9/3/2017 14:55	27.11	80.6	5.54	7.2	SR13	9/3/2017 20:55	27.23	80.8	5.54	7.4
SR13	9/3/2017 3:00	27.94	80.0	5.52	6.7	SR13	9/3/2017 9:00	27.38	79.5	5.48	5.1	SR13	9/3/2017 15:00	27.11	80.7	5.54	6.4	SR13	9/3/2017 21:00	27.22	80.8	5.54	7.4
SR13	9/3/2017 3:05	27.93	80.3	5.54	8.0	SR13	9/3/2017 9:05	27.37	80.8	5.57	7.2	SR13	9/3/2017 15:05	27.11	80.3	5.51	6.2	SR13	9/3/2017 21:05	27.22	81.1	5.56	5.7
SR13	9/3/2017 3:10	27.93	80.2	5.53	7.5	SR13	9/3/2017 9:10	27.33	81.1	5.59	5.9	SR13	9/3/2017 15:10	27.10	80.6	5.53	6.4	SR13	9/3/2017 21:10	27.21	80.4	5.52	6.9
SR13	9/3/2017 3:15	27.93	80.4	5.55	6.2	SR13	9/3/2017 9:15	27.31	81.1	5.59	5.6	SR13	9/3/2017 15:15	27.10	80.4	5.52	7.4	SR13	9/3/2017 21:15	27.21	81.5	5.59	6.5
SR13	9/3/2017 3:20	27.92	80.4	5.55	6.2	SR13	9/3/2017 9:20	27.30	80.9	5.58	5.0	SR13	9/3/2017 15:20	27.10	80.4	5.52	6.9	SR13	9/3/2017 21:20	27.21	80.3	5.51	6.9
SR13	9/3/2017 3:25	27.91	81.1	5.59	4.4	SR13	9/3/2017 9:25	27.30	80.8	5.56	7.2	SR13	9/3/2017 15:25	27.10	81.7	5.60	7.6	SR13	9/3/2017 21:25	27.19	81.6	5.60	8.2
SR13	9/3/2017 3:30	27.90	79.7	5.50	6.5	SR13	9/3/2017 9:30	27.29	81.2	5.59	5.1	SR13	9/3/2017 15:30	27.10	80.1	5.50	6.1	SR13	9/3/2017 21:30	27.18	82.0	5.62	7.1
SR13	9/3/2017 3:35	27.89	81.8	5.65	4.7	SR13	9/3/2017 9:35	27.29	81.0	5.58	4.4	SR13	9/3/2017 15:35	27.10	78.7	5.40	5.1	SR13	9/3/2017 21:35	27.18	80.2	5.50	8.7
SR13	9/3/2017 3:40	27.88	79.5	5.48	7.3	SR13	9/3/2017 9:40	27.27	79.8	5.50	6.7	SR13	9/3/2017 15:40	27.10	80.1	5.50	6.1	SR13	9/3/2017 21:40	27.18	80.7	5.54	6.0
SR13	9/3/2017 3:45	27.87	80.1	5.53	6.4	SR13	9/3/2017 9:45	27.27	81.7	5.63	6.1	SR13	9/3/2017 15:45	27.10	79.9	5.48	5.9	SR13	9/3/2017 21:45	27.18	79.9	5.49	7.0
SR13	9/3/2017 3:50	27.87	80.1	5.52	4.7	SR13	9/3/2017 9:50	27.27	80.8	5.57	7.9	SR13	9/3/2017 15:50	27.10	79.6	5.46	5.2	SR13	9/3/2017 21:50	27.16	79.3	5.44	7.0
SR13	9/3/2017 3:55	27.87	81.8	5.64	5.3	SR13	9/3/2017 9:55	27.26	80.9	5.58	6.0	SR13	9/3/2017 15:55	27.10	80.3	5.52	6.2	SR13	9/3/2017 21:55	27.18	81.1	5.57	5.3
SR13	9/3/2017 4:00	27.87	80.4	5.54	5.2	SR13	9/3/2017 10:00	27.27	80.1	5.52	6.9	SR13	9/3/2017 16:00	27.10	78.8	5.41	7.8	SR13	9/3/2017 22:00	27.18	81.6	5.60	5.2
SR13	9/3/2017 4:05	27.86	81.2	5.60	7.2	SR13	9/3/2017 10:05	27.26	80.5	5.55	6.7	SR13	9/3/2017 16:05	27.10	81.6	5.59	6.4	SR13	9/3/2017 22:05	27.17	82.5	5.66	6.6
SR13	9/3/2017 4:10	27.86	80.4	5.53	5.9	SR13	9/3/2017 10:10	27.25	78.7	5.43	5.9	SR13	9/3/2017 16:10	27.10	80.1	5.49	7.2	SR13	9/3/2017 22:10	27.17	80.3	5.51	7.2
SR13	9/3/2017 4:15	27.85	80.4	5.55	7.6	SR13	9/3/2017 10:15	27.22	82.1	5.65	6.4	SR13	9/3/2017 16:15	27.10	79.6	5.46	5.7	SR13	9/3/2017 22:15	27.16	82.8	5.67	7.0
SR13	9/3/2017 4:20	27.84	82.8	5.70	6.6	SR13	9/3/2017 10:20	27.21	80.5	5.55	4.2	SR13	9/3/2017 16:20	27.10	79.1	5.43	5.4	SR13	9/3/2017 22:20	27.16	79.7	5.48	6.8
SR13	9/3/2017 4:25	27.83	81.1	5.59	5.5	SR13	9/3/2017 10:25	27.24	79.6	5.49	6.8	SR13	9/3/2017 16:25	27.11	79.0	5.42	5.8	SR13	9/3/2017 22:25	27.15	80.3	5.52	7.9
SR13	9/3/2017 4:30	27.83	80.6	5.56	8.0	SR13	9/3/2017 10:30	27.24	79.0	5.44	7.1	SR13	9/3/2017 16:30	27.11	78.3	5.38	8.4	SR13	9/3/2017 22:30	27.15	80.3	5.51	6.1
SR13	9/3/2017 4:35	27.83	81.4	5.60	5.7	SR13	9/3/2017 10:35	27.23	79.5	5.48	6.0	SR13	9/3/2017 16:35	27.11	79.5	5.46	7.8	SR13	9/3/2017 22:35	27.14	80.5	5.52	7.3
SR13	9/3/2017 4:40	27.83	81.9	5.64	6.8	SR13	9/3/2017 10:40	27.21	79.2	5.46	7.0	SR13	9/3/2017 16:40	27.11	79.1	5.43	6.6	SR13	9/3/2017 22:40	27.13	79.7	5.47	6.2
SR13	9/3/2017 4:45	27.79	81.1	5.58	6.1	SR13	9/3/2017 10:45	27.20	79.6	5.49	6.1	SR13	9/3/2017 16:45	27.11	79.1	5.43	6.0	SR13	9/3/2017 22:45	27.10	79.6	5.46	7.7
SR13	9/3/2017 4:50	27.78	82.0	5.65	7.1	SR13	9/3/2017 10:50	27.19	81.0	5.58	8.0	SR13	9/3/2017 16:50	27.11	79.3	5.44	7.0	SR13	9/3/2017 22:50	27.09	79.9	5.49	6.9
SR13	9/3/2017 4:55	27.78	80.8	5.56	6.9	SR13	9/3/2017 10:55	27.18	81.9	5.64	5.0	SR13	9/3/2017 16:55	27.11	78.8	5.41	7.5	SR13	9/3/2017 22:55	27.07	79.7	5.47	7.5
SR13	9/3/2017 5:00	27.77	81.4	5.61	4.8	SR13	9/3/2017 11:00	27.17	79.1	5.45	8.0	SR13	9/3/2017 17:00	27.10	80.9	5.54	7.2	SR13	9/3/2017 23:00	27.05	81.2	5.56	7.6
SR13	9/3/2017 5:05	27.77	81.1	5.59	6.1	SR13	9/3/2017 11:05	27.17	81.3	5.60	4.0	SR13	9/3/2017 17:05	27.10	81.4	5.59	7.6	SR13	9/3/2017 23:05	27.08	81.7	5.61	6.1
SR13	9/3/2017 5:10	27.76	79.9	5.50	7.6	SR13	9/3/2017 11:10	27.17	81.5	5.61	6.1	SR13	9/3/2017 17:10	27.10	80.7	5.54	5.8	SR13	9/3/2017 23:10	27.11	79.9	5.48	5.8
SR13	9/3/2017 5:15	27.76	80.8	5.57	7.5	SR13	9/3/2017 11:15	27.17	81.1	5.59	4.7	SR13	9/3/2017 17:15	27.09	80.7	5.53	5.4	SR13	9/3/2017 23:15	27.12	79.9	5.48	6.6
SR13	9/3/2017 5:20	27.76	80.6	5.54	8.3	SR13	9/3/2017 11:20	27.16	80.0	5.51	4.1	SR13	9/3/2017 17:20	27.09	79.2	5.44	7.7	SR13	9/3/2017 23:20	27.14	80.6	5.53	6.3
SR13	9/3/2017 5:25	27.77	80.7	5.56	4.2	SR13	9/3/2017 11:25	27.14	79.8	5.50	4.6	SR13	9/3/2017 17:25	27.09	80.6	5.51	5.9	SR13	9/3/2017 23:25	27.13	81.6	5.60	7.6
SR13	9/3/2017 5:30	27.77	80.9	5.58	7.6	SR13	9/3/2017 11:30	27.13	80.6	5.54	6.1	SR13	9/3/2017 17:30	27.09	82.4	5.63	8.2	SR13	9/3/2017 23:30	27.12	80.5	5.52	8.4
SR13	9/3/2017 5:35	27.89	81.0	5.58	4.8	SR13	9/3/2017 11:35	27.13	81.1	5.58	5.4	SR13	9/3/2017 17:35	27.09	80.9	5.54	7.5	SR13	9/3/2017 23:35	27.12	78.6	5.39	7.6
SR13	9/3/2017 5:40	27.97	80.7	5.57	5.3	SR13	9/3/2017 11:40	27.12	79.9	5.50	5.4	SR13	9/3/2017 17:40	27.09	80.0	5.47	7.9	SR13	9/3/2017 23:40	27.12	78.7	5.40	5.4
SR13	9/3/2017 5:45	27.40	80.9	5.57	5.3	SR13	9/3/2017 11:45	27.12	80.9	5.57	4.4	SR13	9/3/2017 17:45	27.09	82.2	5.62	6.3	SR13	9/3/2017 23:45	27.12	80.3	5.52	7.4
SR13	9/3/2017 5:50	27.41	79.6	5.48	6.5	SR13	9/3/2017 11:50	27.12	80.5	5.54	6.8	SR13	9/3/2017 17:50	27.09	80.5	5.51	7.5	SR13	9/3/2017 23:50	27.12	79.1	5.44	6.2
SR13	9/3/2017 5:55	27.41	80.3	5.54	6.7	SR13	9/3/2017 11:55	27.12	78.9	5.44	6.7	SR13	9/3/2017 17:55	27.09	80.9	5.54	5.5	SR13	9/3/2017 23:55	27.12	78.4	5.38	6.4

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	9/3/2017 0:17	0.09				SR12	9/3/2017 0:17	0.09			
SR4	9/3/2017 0:37	0.10				SR12	9/3/2017 0:37	0.10			
SR4	9/3/2017 0:57	0.09				SR12	9/3/2017 0:57	0.09			
SR4	9/3/2017 1:17	0.10				SR12	9/3/2017 1:17	0.09			
SR4	9/3/2017 1:37	0.09				SR12	9/3/2017 1:37	0.10			
SR4	9/3/2017 1:57	0.10				SR12	9/3/2017 1:57	0.11			
SR4	9/3/2017 2:17	0.11				SR12	9/3/2017 2:17	0.10			
SR4	9/3/2017 2:37	0.12				SR12	9/3/2017 2:37	0.12			
SR4	9/3/2017 2:57	0.11				SR12	9/3/2017 2:57	0.11			
SR4	9/3/2017 3:17	0.10				SR12	9/3/2017 3:17	0.11			
SR4	9/3/2017 3:37	0.10				SR12	9/3/2017 3:37	0.13			
SR4	9/3/2017 3:57	0.09				SR12	9/3/2017 3:57	0.11			
SR4	9/3/2017 4:17	0.10				SR12	9/3/2017 4:17	0.10			
SR4	9/3/2017 4:37	0.09				SR12	9/3/2017 4:37	0.09			
SR4	9/3/2017 4:57	0.10				SR12	9/3/2017 4:57	0.09			
SR4	9/3/2017 5:17	0.09				SR12	9/3/2017 5:17	0.09			
SR4	9/3/2017 5:37	0.10				SR12	9/3/2017 5:37	0.10			
SR4	9/3/2017 5:57	0.09				SR12	9/3/2017 5:57	0.10			
SR4						SR12					
SR4	9/3/2017 6:37	0.10				SR12	9/3/2017 6:37	0.11			
SR4	9/3/2017 6:57	0.09				SR12	9/3/2017 6:57	0.10			
SR4	9/3/2017 7:17	0.09				SR12	9/3/2017 7:17	0.09			
SR4	9/3/2017 7:37	0.07				SR12	9/3/2017 7:37	0.09			
SR4	9/3/2017 7:57	0.05				SR12	9/3/2017 7:57	0.10			
SR4	9/3/2017 8:17	0.06				SR12	9/3/2017 8:17	0.10			
SR4	9/3/2017 8:37	0.05				SR12	9/3/2017 8:37	0.10			
SR4	9/3/2017 8:57	0.03				SR12	9/3/2017 8:57	0.09			
SR4	9/3/2017 9:17	0.05				SR12	9/3/2017 9:17	0.10			
SR4	9/3/2017 9:37	0.04				SR12	9/3/2017 9:37	0.10			
SR4	9/3/2017 9:57	0.04				SR12	9/3/2017 9:57	0.09			
SR4	9/3/2017 10:17	0.06				SR12	9/3/2017 10:17	0.12			
SR4	9/3/2017 10:37	0.08				SR12	9/3/2017 10:37	0.11			
SR4	9/3/2017 10:57	0.07				SR12	9/3/2017 10:57	0.11			
SR4	9/3/2017 11:17	0.09				SR12	9/3/2017 11:17	0.10			
SR4	9/3/2017 11:37	0.08				SR12	9/3/2017 11:37	0.10			
SR4	9/3/2017 11:57	0.09				SR12	9/3/2017 11:57	0.10			
SR4	9/3/2017 12:17	0.08				SR12	9/3/2017 12:17	0.09			
SR4	9/3/2017 12:37	0.10				SR12	9/3/2017 12:37	0.09			
SR4	9/3/2017 12:57	0.10				SR12	9/3/2017 12:57	0.10			
SR4	9/3/2017 13:17	0.09				SR12	9/3/2017 13:17	0.10			
SR4	9/3/2017 13:37	0.09				SR12	9/3/2017 13:37	0.11			
SR4	9/3/2017 13:57	0.12				SR12	9/3/2017 13:57	0.11			
SR4	9/3/2017 14:17	0.11				SR12	9/3/2017 14:17	0.12			
SR4	9/3/2017 14:37	0.11				SR12	9/3/2017 14:37	0.11			
SR4	9/3/2017 14:57	0.10				SR12	9/3/2017 14:57	0.10			
SR4	9/3/2017 15:17	0.09				SR12	9/3/2017 15:17	0.09			
SR4	9/3/2017 15:37	0.13				SR12	9/3/2017 15:37	0.09			
SR4	9/3/2017 15:57	0.10				SR12	9/3/2017 15:57	0.07			
SR4	9/3/2017 16:17	0.11				SR12	9/3/2017 16:17	0.08			
SR4	9/3/2017 16:37	0.10				SR12	9/3/2017 16:37	0.09			
SR4	9/3/2017 16:57	0.09				SR12	9/3/2017 16:57	0.08			
SR4	9/3/2017 17:17	0.08				SR12	9/3/2017 17:17	0.07			
SR4	9/3/2017 17:37	0.07				SR12	9/3/2017 17:37	0.06			
SR4	9/3/2017 17:57	0.08				SR12	9/3/2017 17:57	0.08			
SR4	9/3/2017 18:17	0.07				SR12	9/3/2017 18:17	0.07			
SR4	9/3/2017 18:37	0.06				SR12	9/3/2017 18:37	0.06			
SR4	9/3/2017 18:57	0.07				SR12	9/3/2017 18:57	0.06			
SR4	9/3/2017 19:17	0.07				SR12	9/3/2017 19:17	0.06			
SR4	9/3/2017 19:37	0.05				SR12	9/3/2017 19:37	0.08			
SR4	9/3/2017 19:57	0.04				SR12	9/3/2017 19:57	0.07			
SR4	9/3/2017 20:17	0.05				SR12	9/3/2017 20:17	0.07			
SR4	9/3/2017 20:37	0.05				SR12	9/3/2017 20:37	0.05			
SR4	9/3/2017 20:57	0.06				SR12	9/3/2017 20:57	0.08			
SR4	9/3/2017 21:17	0.04				SR12	9/3/2017 21:17	0.04			
SR4	9/3/2017 21:37	0.04				SR12	9/3/2017 21:37	0.08			
SR4	9/3/2017 21:57	0.05				SR12	9/3/2017 21:57	0.04			
SR4	9/3/2017 22:17	0.03				SR12	9/3/2017 22:17	0.07			
SR4	9/3/2017 22:37	0.04				SR12	9/3/2017 22:37	0.07			
SR4	9/3/2017 22:57	0.05				SR12	9/3/2017 22:57	0.08			
SR4	9/3/2017 23:17	0.06				SR12	9/3/2017 23:17	0.04			
SR4	9/3/2017 23:37	0.03				SR12	9/3/2017 23:37	0.07			
SR4	9/3/2017 23:57	0.06				SR12	9/3/2017 23:57	0.07			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR4	9/4/2017 0:01	27.21	81.7	5.41	5.3	SR4	9/4/2017 6:01	27.31	85.4	5.64	7.4	SR4	9/4/2017 12:01	27.31	84.0	5.55	5.4	SR4	9/4/2017 18:01	27.81	86.4	5.68	6.0
SR4	9/4/2017 0:06	27.19	84.8	5.62	5.5	SR4	9/4/2017 6:06	27.31	86.4	5.70	5.6	SR4	9/4/2017 12:06	27.42	89.5	5.91	7.2	SR4	9/4/2017 18:06	27.80	80.5	5.29	6.1
SR4	9/4/2017 0:11	27.18	84.5	5.60	4.9	SR4	9/4/2017 6:11	27.31	87.9	5.81	7.1	SR4	9/4/2017 12:11	27.31	83.6	5.52	8.3	SR4	9/4/2017 18:11	27.77	82.1	5.39	8.5
SR4	9/4/2017 0:16	27.17	85.7	5.68	7.2	SR4	9/4/2017 6:16	27.31	85.6	5.65	7.2	SR4	9/4/2017 12:16	27.29	88.6	5.85	5.6	SR4	9/4/2017 18:16	27.76	82.3	5.41	6.7
SR4	9/4/2017 0:21	27.18	82.9	5.49	4.6	SR4	9/4/2017 6:21	27.32	88.4	5.84	8.0	SR4						SR4	9/4/2017 18:21	27.76	84.8	5.57	7.3
SR4	9/4/2017 0:26	27.18	84.5	5.59	7.0	SR4	9/4/2017 6:26	27.32	86.1	5.69	7.0	SR4						SR4	9/4/2017 18:26	27.75	85.8	5.64	5.2
SR4	9/4/2017 0:31	27.17	81.6	5.40	7.6	SR4	9/4/2017 6:31	27.32	85.2	5.63	6.1	SR4						SR4	9/4/2017 18:31	27.75	82.7	5.44	5.2
SR4	9/4/2017 0:36	27.17	82.0	5.43	4.2	SR4	9/4/2017 6:36	27.31	84.4	5.58	8.0	SR4						SR4	9/4/2017 18:36	27.75	83.6	5.50	6.5
SR4	9/4/2017 0:41	27.17	81.7	5.41	3.7	SR4	9/4/2017 6:41	27.28	87.3	5.77	8.3	SR4						SR4	9/4/2017 18:41	27.74	83.1	5.46	7.3
SR4	9/4/2017 0:46	27.16	81.2	5.38	5.2	SR4	9/4/2017 6:46	27.25	86.8	5.74	**11.2**	SR4						SR4	9/4/2017 18:46	27.74	81.8	5.38	6.3
SR4	9/4/2017 0:51	27.17	80.8	5.35	6.6	SR4	9/4/2017 6:51	27.26	85.6	5.65	5.6	SR4						SR4	9/4/2017 18:51	27.75	83.5	5.49	5.0
SR4	9/4/2017 0:56	27.17	80.7	5.35	7.7	SR4	9/4/2017 6:56	27.22	85.8	5.66	5.8	SR4						SR4	9/4/2017 18:56	27.73	84.0	5.52	6.0
SR4	9/4/2017 1:01	27.17	78.6	5.21	4.6	SR4	9/4/2017 7:01	27.27	87.9	5.81	7.9	SR4						SR4	9/4/2017 19:01	27.73	83.6	5.50	8.1
SR4	9/4/2017 1:06	27.17	81.4	5.40	3.9	SR4	9/4/2017 7:06	27.27	87.2	5.76	5.9	SR4						SR4	9/4/2017 19:06	27.74	81.0	5.33	5.1
SR4	9/4/2017 1:11	27.17	82.1	5.44	4.5	SR4	9/4/2017 7:11	27.24	89.2	5.89	6.3	SR4						SR4	9/4/2017 19:11	27.72	79.6	5.24	8.4
SR4	9/4/2017 1:16	27.16	81.7	5.42	3.9	SR4	9/4/2017 7:16	27.22	87.5	5.78	6.5	SR4						SR4	9/4/2017 19:16	27.67	84.2	5.54	5.4
SR4	9/4/2017 1:21	27.17	82.0	5.44	4.1	SR4	9/4/2017 7:21	27.28	87.9	5.81	5.5	SR4						SR4	9/4/2017 19:21	27.66	82.0	5.40	5.1
SR4	9/4/2017 1:26	27.14	81.6	5.41	7.9	SR4	9/4/2017 7:26	27.26	88.4	5.84	8.7	SR4	9/4/2017 13:26	27.61	83.0	5.49	6.2	SR4	9/4/2017 19:26	27.68	83.1	5.46	7.0
SR4	9/4/2017 1:31	27.15	79.4	5.26	7.0	SR4	9/4/2017 7:31	27.24	85.7	5.66	8.1	SR4	9/4/2017 13:31	27.75	82.3	5.44	6.6	SR4	9/4/2017 19:31	27.70	83.2	5.47	7.3
SR4	9/4/2017 1:36	27.14	79.2	5.25	4.1	SR4	9/4/2017 7:36	27.22	89.9	5.95	6.5	SR4	9/4/2017 13:36	27.70	81.4	5.39	7.5	SR4	9/4/2017 19:36	27.67	83.4	5.49	5.2
SR4	9/4/2017 1:41	27.14	80.7	5.35	7.2	SR4	9/4/2017 7:41	27.21	87.7	5.80	8.1	SR4	9/4/2017 13:41	27.64	79.0	5.22	7.7	SR4	9/4/2017 19:41	27.64	89.5	5.89	5.7
SR4	9/4/2017 1:46	27.14	80.7	5.35	7.0	SR4	9/4/2017 7:46	27.26	87.3	5.78	8.1	SR4	9/4/2017 13:46	27.54	79.9	5.29	6.6	SR4	9/4/2017 19:46	27.61	82.5	5.44	6.1
SR4	9/4/2017 1:51	27.14	80.5	5.34	3.5	SR4	9/4/2017 7:51	27.22	85.6	5.67	6.6	SR4	9/4/2017 13:51	27.48	81.4	5.39	6.2	SR4	9/4/2017 19:51	27.56	79.8	5.26	6.7
SR4	9/4/2017 1:56	27.15	79.8	5.29	7.5	SR4	9/4/2017 7:56	27.23	86.1	5.70	8.4	SR4	9/4/2017 13:56	27.55	81.3	5.38	6.8	SR4	9/4/2017 19:56	27.63	82.4	5.43	8.2
SR4	9/4/2017 2:01	27.15	80.0	5.31	6.6	SR4	9/4/2017 8:01	27.22	85.7	5.68	7.6	SR4	9/4/2017 14:01	27.54	81.2	5.37	7.0	SR4	9/4/2017 20:01	27.58	82.6	5.45	5.6
SR4	9/4/2017 2:06	27.13	80.2	5.32	7.0	SR4	9/4/2017 8:06	27.20	85.7	5.67	7.5	SR4	9/4/2017 14:06	27.59	84.0	5.56	8.2	SR4	9/4/2017 20:06	27.56	82.6	5.45	8.2
SR4	9/4/2017 2:11	27.13	77.9	5.17	**10.6**	SR4	9/4/2017 8:11	27.18	87.3	5.78	5.4	SR4	9/4/2017 14:11	27.63	81.6	5.40	7.3	SR4	9/4/2017 20:11	27.56	82.5	5.44	6.8
SR4	9/4/2017 2:16	27.14	79.9	5.30	3.9	SR4	9/4/2017 8:16	27.20	87.5	5.79	8.3	SR4	9/4/2017 14:16	27.49	77.0	5.10	6.1	SR4	9/4/2017 20:16	27.50	81.5	5.38	8.3
SR4	9/4/2017 2:21	27.16	78.5	5.21	6.0	SR4	9/4/2017 8:21	27.21	84.8	5.61	7.8	SR4	9/4/2017 14:21	27.49	79.5	5.26	6.9	SR4	9/4/2017 20:21	27.55	78.9	5.21	7.1
SR4	9/4/2017 2:26	27.16	81.4	5.40	3.8	SR4	9/4/2017 8:26	27.19	89.8	5.94	5.6	SR4	9/4/2017 14:26	27.49	80.3	5.31	7.6	SR4	9/4/2017 20:26	27.54	81.7	5.39	8.1
SR4	9/4/2017 2:31	27.17	78.3	5.19	7.2	SR4	9/4/2017 8:31	27.17	88.6	5.87	7.7	SR4	9/4/2017 14:31	27.51	80.0	5.29	8.3	SR4	9/4/2017 20:31	27.51	85.4	5.63	7.1
SR4	9/4/2017 2:36	27.17	75.9	5.03	9.4	SR4	9/4/2017 8:36	27.15	87.1	5.77	6.4	SR4	9/4/2017 14:36	27.52	80.8	5.34	6.5	SR4	9/4/2017 20:36	27.53	79.8	5.27	5.8
SR4	9/4/2017 2:41	27.15	76.9	5.10	8.1	SR4	9/4/2017 8:41	27.13	82.9	5.49	7.7	SR4	9/4/2017 14:41	27.52	83.8	5.53	5.3	SR4	9/4/2017 20:41	27.50	80.1	5.29	7.0
SR4	9/4/2017 2:46	27.16	76.3	5.06	8.7	SR4	9/4/2017 8:46	27.09	87.4	5.79	8.3	SR4	9/4/2017 14:46	27.54	78.1	5.16	7.3	SR4	9/4/2017 20:46	27.49	79.2	5.23	8.4
SR4	9/4/2017 2:51	27.16	77.6	5.15	5.1	SR4	9/4/2017 8:51	27.09	86.4	5.72	7.7	SR4	9/4/2017 14:51	27.56	79.6	5.26	5.4	SR4	9/4/2017 20:51	27.45	79.8	5.27	5.8
SR4	9/4/2017 2:56	27.15	80.3	5.33	5.1	SR4	9/4/2017 8:56	27.13	87.0	5.76	6.4	SR4	9/4/2017 14:56	27.56	80.0	5.28	6.8	SR4	9/4/2017 20:56	27.46	82.7	5.46	8.0
SR4	9/4/2017 3:01	27.14	80.7	5.35	5.3	SR4	9/4/2017 9:01	27.18	87.1	5.76	6.0	SR4	9/4/2017 15:01	27.58	80.9	5.33	6.9	SR4	9/4/2017 21:01	27.45	80.9	5.34	5.0
SR4	9/4/2017 3:06	27.14	79.8	5.29	4.2	SR4	9/4/2017 9:06	27.18	86.9	5.75	7.9	SR4	9/4/2017 15:06	27.61	81.2	5.36	7.9	SR4	9/4/2017 21:06	27.48	80.0	5.29	6.6
SR4	9/4/2017 3:11	27.14	79.3	5.26	7.7	SR4	9/4/2017 9:11	27.17	89.2	5.90	7.3	SR4	9/4/2017 15:11	27.62	81.9	5.40	6.2	SR4	9/4/2017 21:11	27.50	80.0	5.28	5.6
SR4	9/4/2017 3:16	27.14	76.9	5.10	4.3	SR4	9/4/2017 9:16	27.19	87.7	5.80	6.3	SR4	9/4/2017 15:16	27.64	82.8	5.46	5.2	SR4	9/4/2017 21:16	27.47	79.6	5.26	8.9
SR4	9/4/2017 3:21	27.15	77.3	5.13	5.8	SR4	9/4/2017 9:21	27.19	86.6	5.73	5.4	SR4	9/4/2017 15:21	27.66	85.7	5.65	8.5	SR4	9/4/2017 21:21	27.45	78.2	5.16	6.5
SR4	9/4/2017 3:26	27.15	77.2	5.12	5.7	SR4	9/4/2017 9:26	27.20	83.0	5.50	5.2	SR4	9/4/2017 15:26	27.67	77.7	5.12	7.1	SR4	9/4/2017 21:26	27.44	80.1	5.29	6.2
SR4	9/4/2017 3:31	27.15	78.8	5.22	6.0	SR4	9/4/2017 9:31	27.23	87.8	5.81	7.6	SR4	9/4/2017 15:31	27.68	71.5	4.71	6.6	SR4	9/4/2017 21:31	27.44	82.6	5.46	7.1
SR4	9/4/2017 3:36	27.14	79.7	5.29	5.7	SR4	9/4/2017 9:36	27.23	88.0	5.82	5.5	SR4	9/4/2017 15:36	27.69	106.7	7.60	8.2	SR4	9/4/2017 21:36	27.44	79.9	5.28	8.7
SR4	9/4/2017 3:41	27.14	85.8	5.69	6.7	SR4	9/4/2017 9:41	27.21	85.2	5.64	5.9	SR4	9/4/2017 15:41	27.70	73.7	4.85	5.9	SR4	9/4/2017 21:41	27.45	80.2	5.30	7.2
SR4	9/4/2017 3:46	27.14	84.0	5.57	4.5	SR4	9/4/2017 9:46	27.23	86.9	5.76	6.2	SR4	9/4/2017 15:46	27.71	84.0	5.52	5.7	SR4	9/4/2017 21:46	27.43	78.5	5.18	7.7
SR4	9/4/2017 3:51	27.18	79.5	5.27	9.6	SR4	9/4/2017 9:51	27.24	87.4	5.79	7.7	SR4	9/4/2017 15:51	27.72	64.8	4.26	5.7	SR4	9/4/2017 21:51	27.43	77.7	5.13	7.1
SR4	9/4/2017 3:56	27.22	80.8	5.35	6.1	SR4	9/4/2017 9:56	27.25	85.1	5.63	5.2	SR4	9/4/2017 15:56	27.72	94.9	6.24	5.7	SR4	9/4/2017 21:56	27.44	81.6	5.39	7.6
SR4	9/4/2017 4:01	27.23	85.1	5.64	6.3	SR4	9/4/2017 10:01	27.33	85.7	5.67	6.0	SR4	9/4/2017 16:01	27.72	90.8	5.97	8.1	SR4	9/4/2017 22:01	27.43	79.8	5.27	8.4
SR4	9/4/2017 4:06	27.23	79.5	5.27	6.1	SR4	9/4/2017 10:06	27.31	86.4	5.72	6.5	SR4	9/4/2017 16:06	27.72	79.1	5.20	6.5	SR4	9/4/2017 22:06	27.42	78.2	5.17	7.9
SR4	9/4/2017 4:11	27.24	79.8	5.28	8.5	SR4	9/4/2017 10:11	27.29	86.9	5.76	5.0	SR4	9/4/2017 16:11	27.72	92.8	6.10	6.1	SR4	9/4/2017 22:11	27.42	77.9	5.15	7.9
SR4	9/4/2017 4:16	27.25	81.6	5.40	5.6	SR4	9/4/2017 10:16	27.32	88.2	5.83	7.6	SR4	9/4/2017 16:16	27.72	73.5	4.83	8.7	SR4	9/4/2017 22:16	27.43	80.3	5.31	6.4
SR4	9/4/2017 4:21	27.26	82.0	5.43	6.4	SR4	9/4/2017 10:21	27.31	84.8	5.61	7.6	SR4	9/4/2017 16:21	27.73	90.1	5.92	7.7	SR4	9/4/2017 22:21	27.43	80.2	5.30	8.4
SR4	9/4/2017 4:26	27.26	82.0	5.43	6.2	SR4	9/4/2017 10:26	27.30	86.4	5.72	5.7	SR4	9/4/2017 16:26	27.73	83.4	5.48	7.4	SR4	9/4/2017 22:26	27.44	79.3	5.24	7.2
SR4	9/4/2017 4:31	27.27	82.7	5.47	8.9	SR4	9/4/2017 10:31	27.30	84.9	5.62	8.4	SR4	9/4/2017 16:31	27.73	70.8	4.66	5.8	SR4	9/4/2017 22:31	27.44	81.2	5.36	5.2
SR4	9/4/2017 4:36	27.28	83.6	5.53	6.3	SR4	9/4/2017 10:36	27.30	85.7	5.67	6.8	SR4	9/4/2017 16:36	27.74	71.4	4.69	5.4	SR4	9/4/2017 22:36	27.44	82.3	5.44	6.0
SR4	9/4/2017 4:41	27.29	83.5	5.52	6.0	SR4	9/4/2017 10:41	27.30	85.2	5.64	5.5	SR4	9/4/2017 16:41	27.73	95.6	6.28	7.4	SR4	9/4/2017 22:41	27.44	80.0	5.29	7.8
SR4	9/4/2017 4:46	27.30	80.3	5.31	6.0	SR4	9/4/2017 10:46	27.29	81.4	5.39	8.0	SR4	9/4/2017 16:46	27.74	68.5	4.50	6.3	SR4	9/4/2017 22:46	27.45	80.0	5.29	5.4
SR4	9/4/2017 4:51	27.31	83.4	5.51	5.7	SR4	9/4/2017 10:51	27.27	82.4	5.46	8.5	SR4	9/4/2017 16:51	27.74	73.7	4.84	6.7	SR4	9/4/2017 22:51	27.45	80.8	5.34	5.6
SR4	9/4/2017 4:56	27.31	85.3	5.63	5.5	SR4	9/4/2017 10:56	27.29	84.6	5.60	6.8	SR4	9/4/2017 16:56	27.75	89.6	5.89	6.1	SR4	9/4/2017 22:56	27.45	81.3	5.37	6.3
SR4	9/4/2017 5:01	27.31	84.0	5.55	5.4	SR4	9/4/2017 11:01	27.29	82.0	5.43	6.8	SR4	9/4/2017 17:01	27.74	78.2	5.14	7.9	SR4	9/4/2017 23:01	27.46	79.2	5.23	7.6
SR4	9/4/2017 5:06	27.31	82.6	5.46	7.0	SR4	9/4/2017 11:06	27.32	82.0	5.43	8.1	SR4	9/4/2017 17:06	27.75	79.4	5.22	7.5	SR4	9/4/2017 23:06	27.47	79.6	5.26	6.0
SR4	9/4/2017 5:11	27.31	86.7	5.73	6.1	SR4	9/4/2017 11:11	27.31	83.1	5.50	7.6	SR4	9/4/2017 17:11	27.74	80.3	5.28	5.3	SR4	9/4/2017 23:11	27.47	79.5	5.26	5.5
SR4	9/4/2017 5:16	27.32	82.7	5.46	7.8	SR4	9/4/2017 11:16	27.31	87.8	5.80	5.7	SR4	9/4/2017 17:16	27.74	80.6	5.29	7.2	SR4	9/4/2017 23:16	27.47	81.5	5.39	5.8
SR4	9/4/2017 5:21	27.32	83.3	5.50	7.5	SR4	9/4/2017 11:21	27.33	89.9	5.94	6.4	SR4	9/4/2017 17:21	27.74	79.9	5.25	5.8	SR4	9/4/2017 23:21	27.45	79.2	5.24	5.5
SR4	9/4/2017 5:26	27.32	82.0	5.42	8.0	SR4	9/4/2017 11:26	27.30	89.1	5.88	8.0	SR4	9/4/2017 17:26	27.75	82.5	5.42	6.5	SR4	9/4/2017 23:26	27.45	78.1	5.16	5.7
SR4	9/4/2017 5:31	27.33	85.0	5.61	8.2	SR4	9/4/2017 11:31	27.33	86.4	5.70	8.8	SR4	9/4/2017 17:31	27.74	83.3	5.47	6.8	SR4	9/4/2017 23:31	27.45	79.1	5.23	6.1
SR4	9/4/2017 5:36	27.34	87.2	5.76	7.8	SR4	9/4/2017 11:36	27.28	82.7	5.45	7.9	SR4	9/4/2017 17:36	27.75	82.1	5.39	7.2	SR4	9/4/2017 23:36	27.45	79.2	5.24	8.5
SR4	9/4/2017 5:41	27.33	87.8	5.79	6.3	SR4	9/4/2017 11:41	27.28	88.0	5.80	5.9	SR4	9/4/2017 17:41	27.80	83.2	5.47	7.8	SR4	9/4/2017 23:41	27.45	77.0	5.09	6.1
SR4	9/4/2017 5:46	27.33	85.2	5.63	5.4	SR4	9/4/2017 11:46	27.47	88.0	5.81	6.5	SR4	9/4/2017 17:46	27.82	83.0	5.45	8.4	SR4	9/4/2017 23:46	27.44	77.9	5.15	8.1
SR4	9/4/2017 5:51	27.31	85.1	5.62	8.7	SR4	9/4/2017 11:51	27.44	84.6	5.59	5.3	SR4	9/4/2017 17:51	27.81	82.3	5.41	7.8	SR4	9/4/2017 23:51	27.44	77.9	5.15	6.1
SR4	9/4/2017 5:56	27.30	85.6	5.66	8.6	SR4	9/4/2017 11:56	27.39	88.3	5.84	7.5	SR4	9/4/2017 17:56	27.81	81.8	5.38	6.7	SR4	9/4/2017 23:56	27.44	77.9	5.15	5.6

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR5	9/4/2017 0:00	27.24	83.7	5.80	6.3	SR5	9/4/2017 6:00	27.76	84.6	5.89	5.7	SR5	9/4/2017 12:00	27.44	77.8	5.40	6.2	SR5	9/4/2017 18:00	27.44	74.5	5.17	7.9
SR5	9/4/2017 0:05	27.32	84.9	5.89	5.7	SR5	9/4/2017 6:05	27.75	86.2	5.99	5.8	SR5	9/4/2017 12:05	27.46	80.4	5.57	6.9	SR5	9/4/2017 18:05	27.51	71.5	5.31	7.0
SR5	9/4/2017 0:10	27.34	84.3	5.85	7.2	SR5	9/4/2017 6:10	27.71	88.5	6.14	7.8	SR5	9/4/2017 12:10	27.46	77.4	5.38	6.2	SR5	9/4/2017 18:10	27.39	72.9	5.41	7.2
SR5	9/4/2017 0:15	27.27	85.0	5.91	6.4	SR5	9/4/2017 6:15	27.70	88.5	6.15	6.1	SR5	9/4/2017 12:15	27.52	79.8	5.54	7.3	SR5	9/4/2017 18:15	27.55	73.4	5.46	7.7
SR5	9/4/2017 0:20	27.38	83.8	5.82	7.3	SR5	9/4/2017 6:20	27.87	91.1	6.33	6.5	SR5	9/4/2017 12:20	27.50	77.6	5.39	7.0	SR5	9/4/2017 18:20	27.53	74.8	5.19	7.3
SR5	9/4/2017 0:25	27.30	84.7	5.87	6.8	SR5	9/4/2017 6:25	27.74	92.2	6.42	5.9	SR5	9/4/2017 12:25	27.58	77.3	5.38	8.2	SR5	9/4/2017 18:25	27.48	76.2	5.29	7.9
SR5	9/4/2017 0:30	27.33	83.1	5.77	13.6	SR5	9/4/2017 6:30	27.85	92.3	6.42	8.0	SR5	9/4/2017 12:30	27.57	77.3	5.37	6.1	SR5	9/4/2017 18:30	27.44	75.1	5.22	7.7
SR5	9/4/2017 0:35	27.36	84.3	5.85	6.9	SR5	9/4/2017 6:35	27.86	91.0	6.33	8.2	SR5	9/4/2017 12:35	27.50	76.8	5.34	7.6	SR5	9/4/2017 18:35	27.46	76.1	5.30	7.7
SR5	9/4/2017 0:40	27.44	85.3	5.92	6.4	SR5	9/4/2017 6:40	27.82	91.6	6.37	6.4	SR5	9/4/2017 12:40	27.57	77.2	5.37	6.2	SR5	9/4/2017 18:40	27.59	75.6	5.26	6.0
SR5	9/4/2017 0:45	27.34	86.1	5.98	7.5	SR5	9/4/2017 6:45	27.72	92.7	6.47	7.0	SR5	9/4/2017 12:45	27.56	76.5	5.32	7.2	SR5	9/4/2017 18:45	27.55	74.7	5.21	6.1
SR5	9/4/2017 0:50	27.42	86.8	6.03	7.6	SR5	9/4/2017 6:50	27.77	92.2	6.43	5.9	SR5	9/4/2017 12:50	27.41	75.7	5.28	6.9	SR5	9/4/2017 18:50	27.62	75.2	5.24	7.5
SR5	9/4/2017 0:55	27.26	87.0	6.04	6.5	SR5	9/4/2017 6:55	27.76	94.5	6.58	8.2	SR5	9/4/2017 12:55	27.58	76.6	5.34	5.8	SR5	9/4/2017 18:55	27.54	75.4	5.24	8.1
SR5	9/4/2017 1:00	27.41	85.5	5.95	6.7	SR5	9/4/2017 7:00	27.93	96.5	6.72	7.1	SR5	9/4/2017 13:00	27.43	77.2	5.38	6.3	SR5	9/4/2017 19:00	27.59	75.0	5.21	7.6
SR5	9/4/2017 1:05	27.40	87.8	6.09	6.3	SR5	9/4/2017 7:05	27.86	97.0	6.75	7.3	SR5	9/4/2017 13:05	27.60	77.6	5.40	8.1	SR5	9/4/2017 19:05	27.48	73.5	**5.11**	6.1
SR5	9/4/2017 1:10	27.35	88.7	6.14	6.8	SR5	9/4/2017 7:10	27.93	101.7	7.08	7.6	SR5	9/4/2017 13:10	27.62	77.6	5.40	6.2	SR5	9/4/2017 19:10	27.62	72.8	**5.07**	6.0
SR5	9/4/2017 1:15	27.38	89.3	6.18	6.0	SR5	9/4/2017 7:15	27.76	97.0	6.78	7.1	SR5	9/4/2017 13:15	27.52	77.3	5.38	8.0	SR5	9/4/2017 19:15	27.64	76.0	5.29	5.7
SR5	9/4/2017 1:20	27.46	90.3	6.26	6.9	SR5	9/4/2017 7:20	27.88	97.9	6.85	7.6	SR5	9/4/2017 13:20	27.52	76.7	5.34	6.4	SR5	9/4/2017 19:20	27.65	75.0	5.22	6.3
SR5	9/4/2017 1:25	27.37	90.4	6.26	5.7	SR5	9/4/2017 7:25	27.77	93.2	6.53	6.0	SR5	9/4/2017 13:25	27.50	76.3	5.31	6.4	SR5	9/4/2017 19:25	27.55	75.5	5.25	5.9
SR5	9/4/2017 1:30	27.39	89.4	6.20	7.7	SR5	9/4/2017 7:30	27.86	89.3	6.27	6.9	SR5	9/4/2017 13:30	27.56	75.6	5.26	6.8	SR5	9/4/2017 19:30	27.74	75.6	5.25	7.7
SR5	9/4/2017 1:35	27.37	89.5	6.21	8.0	SR5	9/4/2017 7:35	27.83	90.5	6.34	7.6	SR5	9/4/2017 13:35	27.49	74.8	5.21	6.5	SR5	9/4/2017 19:35	27.58	76.1	5.29	6.2
SR5	9/4/2017 1:40	27.42	90.5	6.28	7.2	SR5	9/4/2017 7:40	27.89	88.0	6.18	8.1	SR5	9/4/2017 13:40	27.43	73.4	5.47	8.0	SR5	9/4/2017 19:40	27.70	79.1	5.48	6.9
SR5	9/4/2017 1:45	27.47	90.2	6.27	6.0	SR5	9/4/2017 7:45	27.91	86.9	6.11	5.8	SR5	9/4/2017 13:45	27.60	73.5	5.48	7.8	SR5	9/4/2017 19:45	27.57	75.4	5.25	6.4
SR5	9/4/2017 1:50	27.43	89.9	6.25	6.2	SR5	9/4/2017 7:50	27.87	86.3	6.06	6.2	SR5	9/4/2017 13:50	27.47	73.9	5.50	5.8	SR5	9/4/2017 19:50	27.74	73.8	5.14	6.1
SR5	9/4/2017 1:55	27.29	89.4	6.21	8.3	SR5	9/4/2017 7:55	27.75	86.7	6.09	8.1	SR5	9/4/2017 13:55	27.56	73.4	5.47	6.2	SR5	9/4/2017 19:55	27.66	75.0	5.22	7.0
SR5	9/4/2017 2:00	27.54	89.3	6.21	7.1	SR5	9/4/2017 8:00	27.95	86.6	6.07	6.3	SR5	9/4/2017 14:00	27.56	73.0	5.42	7.3	SR5	9/4/2017 20:00	27.78	75.8	5.27	8.2
SR5	9/4/2017 2:05	27.50	89.9	6.25	6.9	SR5	9/4/2017 8:05	27.82	86.4	6.06	8.0	SR5	9/4/2017 14:05	27.62	74.1	5.50	6.5	SR5	9/4/2017 20:05	27.59	76.2	5.30	8.3
SR5	9/4/2017 2:10	27.37	89.1	6.20	5.8	SR5	9/4/2017 8:10	27.80	87.1	6.12	5.8	SR5	9/4/2017 14:10	27.60	72.8	5.40	6.0	SR5	9/4/2017 20:10	27.73	76.4	5.31	8.7
SR5	9/4/2017 2:15	27.39	89.9	6.25	7.0	SR5	9/4/2017 8:15	27.95	87.2	6.12	7.7	SR5	9/4/2017 14:15	27.42	71.2	5.30	7.3	SR5	9/4/2017 20:15	27.59	75.9	5.28	9.1
SR5	9/4/2017 2:20	27.48	90.1	6.28	8.2	SR5	9/4/2017 8:20	27.90	85.6	6.01	7.1	SR5	9/4/2017 14:20	27.42	73.0	5.45	5.7	SR5	9/4/2017 20:20	27.65	75.0	5.23	8.9
SR5	9/4/2017 2:25	27.34	92.8	6.45	7.2	SR5	9/4/2017 8:25	27.86	88.1	6.18	7.6	SR5	9/4/2017 14:25	27.42	73.4	5.47	6.7	SR5	9/4/2017 20:25	27.73	76.5	5.32	8.4
SR5	9/4/2017 2:30	27.43	91.2	6.33	7.0	SR5	9/4/2017 8:30	27.94	87.2	6.12	7.2	SR5	9/4/2017 14:30	27.42	73.0	5.44	8.0	SR5	9/4/2017 20:30	27.73	78.1	5.43	9.2
SR5	9/4/2017 2:35	27.28	90.5	6.29	6.0	SR5	9/4/2017 8:35	27.88	86.0	6.03	8.1	SR5	9/4/2017 14:35	27.44	73.3	5.46	5.9	SR5	9/4/2017 20:35	27.58	75.1	5.23	9.0
SR5	9/4/2017 2:40	27.36	91.3	6.32	6.9	SR5	9/4/2017 8:40	27.78	83.2	5.84	6.0	SR5	9/4/2017 14:40	27.46	74.9	5.20	8.2	SR5	9/4/2017 20:40	27.60	74.9	5.22	8.3
SR5	9/4/2017 2:45	27.31	91.3	6.31	7.9	SR5	9/4/2017 8:45	27.89	85.0	5.96	7.7	SR5	9/4/2017 14:45	27.51	71.9	5.36	7.0	SR5	9/4/2017 20:45	27.74	74.4	5.18	9.4
SR5	9/4/2017 2:50	27.31	92.5	6.40	6.8	SR5	9/4/2017 8:50	27.82	84.0	5.89	6.0	SR5	9/4/2017 14:50	27.57	72.6	5.41	5.9	SR5	9/4/2017 20:50	27.61	74.9	5.22	8.9
SR5	9/4/2017 2:55	27.22	94.1	6.51	7.9	SR5	9/4/2017 8:55	27.80	83.6	5.87	7.3	SR5	9/4/2017 14:55	27.55	72.6	5.40	6.1	SR5	9/4/2017 20:55	27.70	76.6	5.33	9.4
SR5	9/4/2017 3:00	27.17	93.7	6.51	7.6	SR5	9/4/2017 9:00	27.83	83.5	5.86	8.2	SR5	9/4/2017 15:00	27.54	72.5	5.39	7.4	SR5	9/4/2017 21:00	27.60	76.4	5.31	9.1
SR5	9/4/2017 3:05	27.26	92.6	6.46	5.8	SR5	9/4/2017 9:05	27.92	83.6	5.87	7.3	SR5	9/4/2017 15:05	27.59	73.9	5.51	6.2	SR5	9/4/2017 21:05	27.65	77.1	5.36	8.0
SR5	9/4/2017 3:10	27.24	92.1	6.43	6.3	SR5	9/4/2017 9:10	27.91	85.0	5.95	6.6	SR5	9/4/2017 15:10	27.42	74.1	5.52	7.5	SR5	9/4/2017 21:10	27.69	77.4	5.39	9.4
SR5	9/4/2017 3:15	27.32	90.3	6.31	7.6	SR5	9/4/2017 9:15	27.73	84.1	5.89	8.2	SR5	9/4/2017 15:15	27.53	74.5	5.19	7.3	SR5	9/4/2017 21:15	27.68	77.0	5.37	9.7
SR5	9/4/2017 3:20	27.31	89.4	6.26	6.9	SR5	9/4/2017 9:20	27.90	83.3	5.84	6.3	SR5	9/4/2017 15:20	27.49	75.3	5.24	12.1	SR5	9/4/2017 21:20	27.66	76.3	5.31	8.3
SR5	9/4/2017 3:25	27.52	90.2	6.31	5.9	SR5	9/4/2017 9:25	27.85	81.5	5.72	6.2	SR5	9/4/2017 15:25	27.59	71.4	5.33	7.0	SR5	9/4/2017 21:25	27.73	77.4	5.38	8.9
SR5	9/4/2017 3:30	27.70	93.0	6.49	8.0	SR5	9/4/2017 9:30	27.67	84.1	5.88	8.3	SR5	9/4/2017 15:30	27.42	68.1	**5.08**	7.6	SR5	9/4/2017 21:30	27.61	78.8	5.48	8.0
SR5	9/4/2017 3:35	27.72	94.4	6.59	7.3	SR5	9/4/2017 9:35	27.80	84.2	5.89	8.3	SR5	9/4/2017 15:35	27.40	85.6	6.19	7.1	SR5	9/4/2017 21:35	27.76	77.6	5.40	9.2
SR5	9/4/2017 3:40	27.61	98.3	6.85	7.8	SR5	9/4/2017 9:40	27.72	82.9	5.80	6.7	SR5	9/4/2017 15:40	27.52	68.7	5.13	5.8	SR5	9/4/2017 21:40	27.68	77.9	5.42	8.8
SR5	9/4/2017 3:45	27.70	97.7	6.81	6.4	SR5	9/4/2017 9:45	27.65	83.6	5.84	5.9	SR5	9/4/2017 15:45	27.54	73.5	5.46	5.7	SR5	9/4/2017 21:45	27.63	77.7	5.40	8.6
SR5	9/4/2017 3:50	27.69	95.1	6.64	7.2	SR5	9/4/2017 9:50	27.76	83.6	5.84	6.3	SR5	9/4/2017 15:50	27.55	63.6	**4.76**	7.5	SR5	9/4/2017 21:50	27.68	78.2	5.44	9.1
SR5	9/4/2017 3:55	27.76	95.3	6.65	6.3	SR5	9/4/2017 9:55	27.73	82.4	5.75	8.1	SR5	9/4/2017 15:55	27.54	78.2	5.40	6.5	SR5	9/4/2017 21:55	27.59	80.4	5.59	8.4
SR5	9/4/2017 4:00	27.74	97.6	6.79	5.9	SR5	9/4/2017 10:00	27.78	83.0	5.78	6.0	SR5	9/4/2017 16:00	27.36	75.9	5.24	5.9	SR5	9/4/2017 22:00	27.71	79.9	5.56	8.5
SR5	9/4/2017 4:05	27.55	94.8	6.61	7.6	SR5	9/4/2017 10:05	27.71	83.2	5.80	5.8	SR5	9/4/2017 16:05	27.38	69.6	5.17	5.9	SR5	9/4/2017 22:05	27.55	79.3	5.53	9.7
SR5	9/4/2017 4:10	27.62	94.8	6.61	6.2	SR5	9/4/2017 10:10	27.72	83.2	5.79	7.3	SR5	9/4/2017 16:10	27.39	76.2	5.26	5.8	SR5	9/4/2017 22:10	27.50	79.2	5.52	8.9
SR5	9/4/2017 4:15	27.54	96.0	6.69	8.1	SR5	9/4/2017 10:15	27.67	83.8	5.83	7.4	SR5	9/4/2017 16:15	27.54	66.4	**4.93**	5.8	SR5	9/4/2017 22:15	27.59	81.0	5.64	8.1
SR5	9/4/2017 4:20	27.76	96.4	6.72	7.2	SR5	9/4/2017 10:20	27.70	82.1	5.72	6.8	SR5	9/4/2017 16:20	27.43	74.6	5.51	6.3	SR5	9/4/2017 22:20	27.44	80.8	5.63	8.3
SR5	9/4/2017 4:25	27.71	95.9	6.67	6.8	SR5	9/4/2017 10:25	27.58	82.9	5.77	5.8	SR5	9/4/2017 16:25	27.48	71.2	5.26	7.7	SR5	9/4/2017 22:25	27.61	80.5	5.60	8.8
SR5	9/4/2017 4:30	27.61	95.7	6.66	8.0	SR5	9/4/2017 10:30	27.59	82.4	5.74	7.2	SR5	9/4/2017 16:30	27.46	65.2	**4.86**	8.1	SR5	9/4/2017 22:30	27.54	81.7	5.68	9.4
SR5	9/4/2017 4:35	27.69	98.1	6.83	6.9	SR5	9/4/2017 10:35	27.72	82.8	5.77	7.8	SR5	9/4/2017 16:35	27.50	65.5	**4.87**	8.1	SR5	9/4/2017 22:35	27.51	81.5	5.66	8.6
SR5	9/4/2017 4:40	27.53	99.3	6.91	6.3	SR5	9/4/2017 10:40	27.66	82.4	5.74	7.5	SR5	9/4/2017 16:40	27.34	78.0	5.38	8.1	SR5	9/4/2017 22:40	27.58	80.4	5.59	8.2
SR5	9/4/2017 4:45	27.61	99.2	6.90	7.2	SR5	9/4/2017 10:45	27.59	80.2	5.60	8.1	SR5	9/4/2017 16:45	27.52	65.7	**4.91**	6.7	SR5	9/4/2017 22:45	27.48	80.4	5.58	8.6
SR5	9/4/2017 4:50	27.49	99.7	6.91	6.0	SR5	9/4/2017 10:50	27.62	80.5	5.62	7.3	SR5	9/4/2017 16:50	27.44	69.3	5.18	6.5	SR5	9/4/2017 22:50	27.65	81.3	5.64	8.8
SR5	9/4/2017 4:55	27.57	101.5	7.03	7.1	SR5	9/4/2017 10:55	27.66	81.5	5.68	6.5	SR5	9/4/2017 16:55	27.52	77.0	5.35	6.9	SR5	9/4/2017 22:55	27.60	82.4	5.71	9.1
SR5	9/4/2017 5:00	27.51	100.9	7.00	6.1	SR5	9/4/2017 11:00	27.53	79.9	5.57	7.3	SR5	9/4/2017 17:00	27.52	72.1	5.38	6.9	SR5	9/4/2017 23:00	27.62	81.3	5.64	9.2
SR5	9/4/2017 5:05	27.64	99.9	6.94	7.3	SR5	9/4/2017 11:05	27.58	79.6	5.56	6.0	SR5	9/4/2017 17:05	27.45	72.3	5.40	8.2	SR5	9/4/2017 23:05	27.63	82.0	5.70	9.2
SR5	9/4/2017 5:10	27.62	102.7	7.12	6.6	SR5	9/4/2017 11:10	27.59	79.8	5.56	8.3	SR5	9/4/2017 17:10	27.42	72.9	5.44	6.7	SR5	9/4/2017 23:10	27.44	82.7	5.75	9.6
SR5	9/4/2017 5:15	27.69	98.5	6.85	7.2	SR5	9/4/2017 11:15	27.64	81.9	5.70	7.4	SR5	9/4/2017 17:15	27.37	72.9	5.44	7.5	SR5	9/4/2017 23:15	27.56	83.9	5.83	8.4
SR5	9/4/2017 5:20	27.56	97.7	6.80	6.0	SR5	9/4/2017 11:20	27.60	82.8	5.75	6.6	SR5	9/4/2017 17:20	27.43	72.7	5.42	7.6	SR5	9/4/2017 23:20	27.47	83.3	5.79	9.5
SR5	9/4/2017 5:25	27.63	96.2	6.70	7.7	SR5	9/4/2017 11:25	27.47	82.1	5.70	6.3	SR5	9/4/2017 17:25	27.39	73.9	5.50	6.3	SR5	9/4/2017 23:25	27.63	84.0	5.83	8.0
SR5	9/4/2017 5:30	27.78	94.7	6.58	7.6	SR5	9/4/2017 11:30	27.64	80.3	5.58	7.5	SR5	9/4/2017 17:30	27.35	73.9	5.51	7.8	SR5	9/4/2017 23:30	27.49	85.0	5.91	8.6
SR5	9/4/2017 5:35	27.62	94.3	6.55	6.5	SR5	9/4/2017 11:35	27.44	78.1	5.43	7.3	SR5	9/4/2017 17:35	27.39	73.1	5.44	7.5	SR5	9/4/2017 23:35	27.47	85.0	5.91	8.1
SR5	9/4/2017 5:40	27.66	92.9	6.44	5.7	SR5	9/4/2017 11:40	27.57	80.4	5.58	8.0	SR5	9/4/2017 17:40	27.38	73.4	5.46	7.4	SR5	9/4/2017 23:40	27.66	84.0	5.84	9.3
SR5	9/4/2017 5:45	27.66	87.5	6.08	7.8	SR5	9/4/2017 11:45	27.60	80.3	5.57	6.7	SR5	9/4/2017 17:45	27.48	73.2	5.44	8.1	SR5	9/4/2017 23:45	27.53	84.8	5.89	9.7
SR5	9/4/2017 5:50	27.73	85.1	5.91	6.8	SR5	9/4/2017 11:50	27.43	78.5	5.46	7.1	SR5	9/4/2017 17:50	27.43	72.6	5.39	6.1	SR5	9/4/2017 23:50	27.62	85.5	5.94	9.7
SR5	9/4/2017 5:55	27.70	84.0	5.85	5.9	SR5	9/4/2017 11:55	27.56	80.1	5.57	6.4	SR5	9/4/2017 17:55	27.41	72.2	5.37	5.7	SR5	9/4/2017 23:55	27.42	85.6	5.94	9.6

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR12	9/4/2017 0:01	27.19	75.4	5.42	7.7	SR12	9/4/2017 6:01	27.75	75.5	5.42	7.2	SR12	9/4/2017 12:01	27.61	74.2	5.35	6.7	SR12	9/4/2017 18:01	27.44	74.6	5.35	5.7
SR12	9/4/2017 0:06	27.27	77.1	5.54	6.7	SR12	9/4/2017 6:06	27.80	75.2	5.39	6.4	SR12	9/4/2017 12:06	27.55	76.4	5.49	6.3	SR12	9/4/2017 18:06	27.51	72.1	5.19	8.8
SR12	9/4/2017 0:11	27.27	77.0	5.54	5.9	SR12	9/4/2017 6:11	27.70	77.0	5.53	8.4	SR12	9/4/2017 12:11	27.53	73.7	5.31	6.6	SR12	9/4/2017 18:11	27.36	72.8	5.24	**12.5**
SR12	9/4/2017 0:16	27.22	76.9	5.52	7.4	SR12	9/4/2017 6:16	27.77	75.4	5.41	7.5	SR12	9/4/2017 12:16	27.49	74.9	5.37	7.2	SR12	9/4/2017 18:16	27.53	71.7	5.15	9.5
SR12	9/4/2017 0:21	27.21	76.0	5.46	9.1	SR12	9/4/2017 6:21	27.87	76.0	5.44	6.7	SR12	9/4/2017 12:21	27.47	73.1	5.26	8.4	SR12	9/4/2017 18:21	27.53	73.1	5.24	8.4
SR12	9/4/2017 0:26	27.37	76.4	5.49	9.1	SR12	9/4/2017 6:26	27.76	76.7	5.52	8.8	SR12	9/4/2017 12:26	27.49	72.6	5.23	8.5	SR12	9/4/2017 18:26	27.47	73.8	5.29	9.6
SR12	9/4/2017 0:31	27.36	75.2	5.41	5.3	SR12	9/4/2017 6:31	27.74	75.6	5.43	8.2	SR12	9/4/2017 12:31	27.47	74.1	5.35	9.2	SR12	9/4/2017 18:31	27.45	72.0	5.17	**11.7**
SR12	9/4/2017 0:36	27.26	74.7	5.37	6.0	SR12	9/4/2017 6:36	27.79	74.4	5.35	9.6	SR12	9/4/2017 12:36	27.61	72.2	5.20	9.4	SR12	9/4/2017 18:36	27.54	72.9	5.24	**11.4**
SR12	9/4/2017 0:41	27.29	74.6	5.36	9.6	SR12	9/4/2017 6:41	27.78	76.9	5.52	9.5	SR12	9/4/2017 12:41	27.50	73.9	5.33	9.0	SR12	9/4/2017 18:41	27.56	73.4	5.28	**11.4**
SR12	9/4/2017 0:46	27.42	75.5	5.44	8.0	SR12	9/4/2017 6:46	27.69	76.1	5.47	7.9	SR12	9/4/2017 12:46	27.44	72.5	5.23	9.0	SR12	9/4/2017 18:46	27.51	72.4	5.21	9.1
SR12	9/4/2017 0:51	27.43	74.1	5.33	6.8	SR12	9/4/2017 6:51	27.75	75.8	5.45	7.9	SR12	9/4/2017 12:51	27.43	72.2	5.22	8.6	SR12	9/4/2017 18:51	27.60	72.7	5.22	8.9
SR12	9/4/2017 0:56	27.30	75.2	5.42	7.6	SR12	9/4/2017 6:56	27.87	76.4	5.49	7.4	SR12	9/4/2017 12:56	27.60	73.0	5.27	8.8	SR12	9/4/2017 18:56	27.54	73.9	5.31	7.7
SR12	9/4/2017 1:01	27.46	73.9	5.33	6.8	SR12	9/4/2017 7:01	27.84	77.5	5.57	7.1	SR12	9/4/2017 13:01	27.41	73.0	5.26	9.1	SR12	9/4/2017 19:01	27.54	72.3	5.19	4.8
SR12	9/4/2017 1:06	27.28	74.8	5.39	6.4	SR12	9/4/2017 7:06	27.86	75.5	5.41	7.4	SR12	9/4/2017 13:06	27.52	72.8	5.24	9.1	SR12	9/4/2017 19:06	27.52	71.7	5.16	4.5
SR12	9/4/2017 1:11	27.40	75.0	5.40	8.6	SR12	9/4/2017 7:11	27.77	77.7	5.57	7.4	SR12	9/4/2017 13:11	27.55	72.6	5.23	8.4	SR12	9/4/2017 19:11	27.58	71.0	5.11	4.9
SR12	9/4/2017 1:16	27.33	75.6	5.45	6.0	SR12	9/4/2017 7:16	27.79	75.5	5.41	7.1	SR12	9/4/2017 13:16	27.54	72.0	5.18	9.3	SR12	9/4/2017 19:16	27.53	72.8	5.23	4.8
SR12	9/4/2017 1:21	27.31	76.0	5.47	8.6	SR12	9/4/2017 7:21	27.81	77.2	5.54	6.9	SR12	9/4/2017 13:21	27.52	73.2	5.28	9.8	SR12	9/4/2017 19:21	27.67	71.4	5.13	4.3
SR12	9/4/2017 1:26	27.44	75.6	5.44	9.1	SR12	9/4/2017 7:26	27.87	77.0	5.53	7.1	SR12	9/4/2017 13:26	27.49	73.1	5.27	**10.0**	SR12	9/4/2017 19:26	27.66	73.5	5.29	9.6
SR12	9/4/2017 1:31	27.42	73.6	5.30	9.5	SR12	9/4/2017 7:31	27.91	76.0	5.46	6.9	SR12	9/4/2017 13:31	27.43	72.4	5.22	8.2	SR12	9/4/2017 19:31	27.52	73.3	5.27	**10.0**
SR12	9/4/2017 1:36	27.37	73.7	5.31	6.5	SR12	9/4/2017 7:36	27.93	77.5	5.56	6.9	SR12	9/4/2017 13:36	27.48	72.7	5.26	8.9	SR12	9/4/2017 19:36	27.53	72.8	5.23	9.6
SR12	9/4/2017 1:41	27.26	75.5	5.44	9.5	SR12	9/4/2017 7:41	27.76	77.5	5.57	7.0	SR12	9/4/2017 13:41	27.48	70.4	5.08	9.0	SR12	9/4/2017 19:41	27.70	75.8	5.43	9.3
SR12	9/4/2017 1:46	27.44	74.2	5.34	6.3	SR12	9/4/2017 7:46	27.73	77.1	5.55	7.3	SR12	9/4/2017 13:46	27.57	71.8	5.19	7.8	SR12	9/4/2017 19:46	27.62	72.8	5.24	8.7
SR12	9/4/2017 1:51	27.36	75.5	5.44	5.6	SR12	9/4/2017 7:51	27.82	76.1	5.48	6.9	SR12	9/4/2017 13:51	27.46	72.7	5.25	7.9	SR12	9/4/2017 19:51	27.73	71.6	5.17	9.3
SR12	9/4/2017 1:56	27.45	75.0	5.41	5.4	SR12	9/4/2017 7:56	27.92	74.8	5.37	6.8	SR12	9/4/2017 13:56	27.60	71.8	5.18	8.5	SR12	9/4/2017 19:56	27.71	72.3	5.20	9.1
SR12	9/4/2017 2:01	27.41	73.8	5.32	5.6	SR12	9/4/2017 8:01	27.89	75.7	5.45	6.9	SR12	9/4/2017 14:01	27.61	72.0	5.20	8.8	SR12	9/4/2017 20:01	27.68	73.0	5.26	8.9
SR12	9/4/2017 2:06	27.41	74.9	5.40	9.3	SR12	9/4/2017 8:06	27.87	75.6	5.43	7.2	SR12	9/4/2017 14:06	27.49	73.0	5.26	8.2	SR12	9/4/2017 20:06	27.78	71.8	5.16	8.9
SR12	9/4/2017 2:11	27.44	73.4	5.30	8.3	SR12	9/4/2017 8:11	27.81	77.4	5.57	7.0	SR12	9/4/2017 14:11	27.49	71.2	5.13	7.6	SR12	9/4/2017 20:11	27.70	73.0	5.26	8.8
SR12	9/4/2017 2:16	27.41	73.7	5.31	7.5	SR12	9/4/2017 8:16	27.77	76.3	5.48	6.9	SR12	9/4/2017 14:16	27.44	70.3	5.10	8.2	SR12	9/4/2017 20:16	27.73	71.3	5.14	8.6
SR12	9/4/2017 2:21	27.54	73.9	5.33	8.8	SR12	9/4/2017 8:21	27.92	75.1	5.40	6.6	SR12	9/4/2017 14:21	27.62	71.8	5.19	7.9	SR12	9/4/2017 20:21	27.78	70.0	5.05	9.1
SR12	9/4/2017 2:26	27.35	75.9	5.47	6.9	SR12	9/4/2017 8:26	27.85	76.8	5.50	7.0	SR12	9/4/2017 14:26	27.55	72.4	5.23	7.4	SR12	9/4/2017 20:26	27.65	71.9	5.18	9.0
SR12	9/4/2017 2:31	27.34	73.2	5.28	7.7	SR12	9/4/2017 8:31	27.92	76.1	5.48	6.9	SR12	9/4/2017 14:31	27.42	70.6	5.09	6.4	SR12	9/4/2017 20:31	27.77	74.7	5.37	9.3
SR12	9/4/2017 2:36	27.37	73.2	5.29	9.5	SR12	9/4/2017 8:36	27.98	74.1	5.33	7.0	SR12	9/4/2017 14:36	27.54	71.6	5.17	7.5	SR12	9/4/2017 20:36	27.73	71.7	5.18	8.5
SR12	9/4/2017 2:41	27.31	73.3	5.29	5.5	SR12	9/4/2017 8:41	27.89	73.0	5.27	7.5	SR12	9/4/2017 14:41	27.51	72.6	5.22	7.9	SR12	9/4/2017 20:41	27.59	71.6	5.17	8.2
SR12	9/4/2017 2:46	27.34	72.4	5.23	7.1	SR12	9/4/2017 8:46	27.76	74.4	5.35	7.0	SR12	9/4/2017 14:46	27.41	70.7	5.11	7.1	SR12	9/4/2017 20:46	27.68	70.9	5.12	8.6
SR12	9/4/2017 2:51	27.37	73.2	5.29	6.5	SR12	9/4/2017 8:51	27.91	73.7	5.30	6.9	SR12	9/4/2017 14:51	27.46	70.2	5.06	7.1	SR12	9/4/2017 20:51	27.55	70.6	5.09	8.4
SR12	9/4/2017 2:56	27.32	74.5	5.37	8.4	SR12	9/4/2017 8:56	27.89	74.3	5.34	7.1	SR12	9/4/2017 14:56	27.52	70.4	5.07	7.7	SR12	9/4/2017 20:56	27.60	72.9	5.26	8.5
SR12	9/4/2017 3:01	27.41	75.3	5.43	9.3	SR12	9/4/2017 9:01	27.75	75.1	5.41	6.7	SR12	9/4/2017 15:01	27.57	71.7	5.17	7.6	SR12	9/4/2017 21:01	27.66	72.5	5.23	8.2
SR12	9/4/2017 3:06	27.36	74.6	5.38	7.1	SR12	9/4/2017 9:06	27.83	74.5	5.36	6.5	SR12	9/4/2017 15:06	27.49	72.7	5.25	7.1	SR12	9/4/2017 21:06	27.74	71.4	5.16	8.5
SR12	9/4/2017 3:11	27.36	73.7	5.31	6.6	SR12	9/4/2017 9:11	27.89	75.4	5.41	6.4	SR12	9/4/2017 15:11	27.45	73.2	5.28	7.2	SR12	9/4/2017 21:11	27.56	70.7	5.09	8.1
SR12	9/4/2017 3:16	27.18	72.3	5.22	6.3	SR12	9/4/2017 9:16	27.90	75.4	5.43	6.3	SR12	9/4/2017 15:16	27.53	73.4	5.29	6.9	SR12	9/4/2017 21:16	27.63	71.9	5.20	8.1
SR12	9/4/2017 3:21	27.19	73.8	5.33	7.2	SR12	9/4/2017 9:21	27.75	73.9	5.31	6.4	SR12	9/4/2017 15:21	27.45	74.1	5.33	7.4	SR12	9/4/2017 21:21	27.60	70.9	5.12	8.5
SR12	9/4/2017 3:26	27.22	72.9	5.26	5.8	SR12	9/4/2017 9:26	27.74	73.5	5.31	6.3	SR12	9/4/2017 15:26	27.60	70.9	5.12	**10.3**	SR12	9/4/2017 21:26	27.69	72.0	5.20	8.0
SR12	9/4/2017 3:31	27.27	74.7	5.39	7.2	SR12	9/4/2017 9:31	27.88	75.7	5.45	6.5	SR12	9/4/2017 15:31	27.43	66.4	4.81	7.8	SR12	9/4/2017 21:31	27.65	73.2	5.28	8.0
SR12	9/4/2017 3:36	27.32	74.4	5.36	6.8	SR12	9/4/2017 9:36	27.82	75.2	5.41	6.5	SR12	9/4/2017 15:36	27.44	85.5	6.37	7.5	SR12	9/4/2017 21:36	27.61	71.9	5.19	8.1
SR12	9/4/2017 3:41	27.67	77.5	5.57	5.8	SR12						SR12	9/4/2017 15:41	27.52	67.9	4.91	7.2	SR12	9/4/2017 21:41	27.64	71.6	5.17	8.4
SR12	9/4/2017 3:46	27.59	77.3	5.56	9.0	SR12						SR12	9/4/2017 15:46	27.53	72.5	5.20	6.9	SR12	9/4/2017 21:46	27.76	69.8	5.03	8.2
SR12	9/4/2017 3:51	27.73	74.3	5.36	5.3	SR12						SR12	9/4/2017 15:51	27.44	63.8	4.64	7.0	SR12	9/4/2017 21:51	27.72	70.1	5.07	7.8
SR12	9/4/2017 3:56	27.69	74.5	5.36	4.9	SR12						SR12	9/4/2017 15:56	27.51	79.4	5.68	6.6	SR12	9/4/2017 21:56	27.62	71.3	5.13	8.0
SR12	9/4/2017 4:01	27.82	76.0	5.48	6.2	SR12						SR12	9/4/2017 16:01	27.52	76.1	5.44	7.3	SR12	9/4/2017 22:01	27.67	71.1	5.13	7.9
SR12	9/4/2017 4:06	27.81	73.0	5.27	7.2	SR12						SR12	9/4/2017 16:06	27.44	71.6	5.17	6.5	SR12	9/4/2017 22:06	27.73	70.9	5.13	7.8
SR12	9/4/2017 4:11	27.65	72.7	5.25	7.1	SR12						SR12	9/4/2017 16:11	27.35	77.7	5.55	6.7	SR12	9/4/2017 22:11	27.52	69.7	5.04	7.8
SR12	9/4/2017 4:16	27.58	74.5	5.38	8.0	SR12						SR12	9/4/2017 16:16	27.42	67.8	4.90	7.7	SR12	9/4/2017 22:16	27.56	70.9	5.11	7.7
SR12	9/4/2017 4:21	27.52	74.7	5.39	6.6	SR12						SR12	9/4/2017 16:21	27.55	76.4	5.47	6.5	SR12	9/4/2017 22:21	27.49	71.3	5.15	7.8
SR12	9/4/2017 4:26	27.63	73.3	5.28	9.1	SR12						SR12	9/4/2017 16:26	27.53	73.5	5.28	6.5	SR12	9/4/2017 22:26	27.62	71.9	5.20	7.8
SR12	9/4/2017 4:31	27.67	73.4	5.28	6.3	SR12						SR12	9/4/2017 16:31	27.47	66.6	4.83	6.6	SR12	9/4/2017 22:31	27.45	71.6	5.16	7.9
SR12	9/4/2017 4:36	27.58	75.2	5.42	7.2	SR12						SR12	9/4/2017 16:36	27.45	66.2	4.78	7.0	SR12	9/4/2017 22:36	27.56	73.1	5.27	8.0
SR12	9/4/2017 4:41	27.59	74.0	5.32	5.6	SR12						SR12	9/4/2017 16:41	27.42	78.8	5.62	8.5	SR12	9/4/2017 22:41	27.50	70.8	5.11	7.7
SR12	9/4/2017 4:46	27.63	72.9	5.26	7.6	SR12	9/4/2017 10:46	27.60	71.9	5.19	6.1	SR12	9/4/2017 16:46	27.42	65.9	4.78	6.9	SR12	9/4/2017 22:46	27.57	71.7	5.18	7.8
SR12	9/4/2017 4:51	27.57	73.9	5.31	9.1	SR12	9/4/2017 10:51	27.67	72.4	5.23	6.2	SR12	9/4/2017 16:51	27.46	68.8	4.98	8.4	SR12	9/4/2017 22:51	27.63	72.6	5.24	8.1
SR12	9/4/2017 4:56	27.62	76.4	5.49	7.0	SR12	9/4/2017 10:56	27.59	74.3	5.36	6.2	SR12	9/4/2017 16:56	27.48	75.5	5.40	9.4	SR12	9/4/2017 22:56	27.48	72.4	5.23	7.9
SR12	9/4/2017 5:01	27.65	74.6	5.36	7.9	SR12	9/4/2017 11:01	27.67	71.5	5.15	6.8	SR12	9/4/2017 17:01	27.51	71.3	5.15	8.9	SR12	9/4/2017 23:01	27.47	71.6	5.18	7.8
SR12	9/4/2017 5:06	27.57	73.5	5.28	5.5	SR12	9/4/2017 11:06	27.59	71.7	5.17	6.7	SR12	9/4/2017 17:06	27.47	71.4	5.14	7.9	SR12	9/4/2017 23:06	27.47	70.3	5.07	7.9
SR12	9/4/2017 5:11	27.56	75.7	5.43	8.0	SR12	9/4/2017 11:11	27.59	73.5	5.31	6.7	SR12	9/4/2017 17:11	27.38	70.6	5.08	8.6	SR12	9/4/2017 23:11	27.59	71.3	5.15	7.9
SR12	9/4/2017 5:16	27.67	74.8	5.39	8.9	SR12	9/4/2017 11:16	27.68	74.4	5.34	6.9	SR12	9/4/2017 17:16	27.37	71.6	5.15	**10.7**	SR12	9/4/2017 23:16	27.65	72.7	5.25	7.8
SR12	9/4/2017 5:21	27.52	73.8	5.30	7.7	SR12	9/4/2017 11:21	27.61	76.7	5.51	7.5	SR12	9/4/2017 17:21	27.45	71.0	5.11	8.2	SR12	9/4/2017 23:21	27.54	70.1	5.06	8.0
SR12	9/4/2017 5:26	27.57	74.0	5.33	9.4	SR12	9/4/2017 11:26	27.47	75.5	5.41	7.7	SR12	9/4/2017 17:26	27.39	73.1	5.26	8.5	SR12	9/4/2017 23:26	27.48	69.6	5.03	7.9
SR12	9/4/2017 5:31	27.59	76.2	5.48	5.2	SR12	9/4/2017 11:31	27.50	74.2	5.33	7.5	SR12	9/4/2017 17:31	27.37	72.1	5.17	**16.5**	SR12	9/4/2017 23:31	27.64	71.1	5.14	7.8
SR12	9/4/2017 5:36	27.68	76.1	5.46	6.3	SR12	9/4/2017 11:36	27.49	73.4	5.29	7.7	SR12	9/4/2017 17:36	27.36	72.1	5.18	**12.3**	SR12	9/4/2017 23:36	27.62	71.6	5.18	8.1
SR12	9/4/2017 5:41	27.59	77.5	5.56	9.0	SR12	9/4/2017 11:41	27.47	75.6	5.43	7.4	SR12	9/4/2017 17:41	27.37	72.2	5.18	8.9	SR12	9/4/2017 23:41	27.47	69.1	4.99	7.8
SR12	9/4/2017 5:46	27.69	76.3	5.49	6.4	SR12	9/4/2017 11:46	27.51	75.4	5.42	7.2	SR12	9/4/2017 17:46	27.46	73.0	5.24	4.6	SR12	9/4/2017 23:46	27.54	69.4	5.01	7.5
SR12	9/4/2017 5:51	27.62	74.3	5.33	5.7	SR12	9/4/2017 11:51	27.53	74.5	5.37	7.8	SR12	9/4/2017 17:51	27.54	71.9	5.17	5.7	SR12	9/4/2017 23:51	27.54	70.5	5.10	7.6
SR12	9/4/2017 5:56	27.79	75.0	5.39	8.9	SR12	9/4/2017 11:56	27.53	75.4	5.42	6.4	SR12	9/4/2017 17:56	27.52	73.1	5.27	8.4	SR12	9/4/2017 23:56	27.48	69.8	5.04	7.3

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR13	9/4/2017 0:00	27.12	78.6	5.40	5.9	SR13	9/4/2017 6:00	27.65	79.5	5.47	7.5	SR13	9/4/2017 12:00	27.39	80.0	5.51	8.8	SR13	9/4/2017 18:00	27.31	79.4	5.45	7.6
SR13	9/4/2017 0:05	27.13	80.4	5.53	7.0	SR13	9/4/2017 6:05	27.66	80.1	5.51	7.9	SR13	9/4/2017 12:05	27.39	83.5	5.74	7.4	SR13	9/4/2017 18:05	27.31	76.6	5.28	6.3
SR13	9/4/2017 0:10	27.15	81.0	5.56	5.8	SR13	9/4/2017 6:10	27.66	81.7	5.63	8.4	SR13	9/4/2017 12:10	27.39	80.6	5.55	8.0	SR13	9/4/2017 18:10	27.32	76.3	5.24	7.3
SR13	9/4/2017 0:15	27.17	80.8	5.56	7.1	SR13	9/4/2017 6:15	27.66	79.9	5.50	7.6	SR13	9/4/2017 12:15	27.39	82.9	5.70	7.4	SR13	9/4/2017 18:15	27.37	77.1	5.30	6.1
SR13	9/4/2017 0:20	27.18	79.3	5.45	7.3	SR13	9/4/2017 6:20	27.66	82.0	5.64	6.9	SR13	9/4/2017 12:20	27.38	80.4	5.54	7.3	SR13	9/4/2017 18:20	27.37	78.8	5.41	11.6
SR13	9/4/2017 0:25	27.21	79.9	5.48	5.6	SR13	9/4/2017 6:25	27.67	80.6	5.55	8.1	SR13	9/4/2017 12:25	27.38	79.5	5.48	7.1	SR13	9/4/2017 18:25	27.38	78.8	5.41	8.3
SR13	9/4/2017 0:30	27.22	78.1	5.36	5.2	SR13	9/4/2017 6:30	27.67	79.5	5.48	8.1	SR13	9/4/2017 12:30	27.38	79.9	5.51	7.8	SR13	9/4/2017 18:30	27.38	77.4	5.32	8.1
SR13	9/4/2017 0:35	27.22	78.8	5.42	6.1	SR13	9/4/2017 6:35	27.68	79.7	5.49	9.3	SR13	9/4/2017 12:35	27.38	79.4	5.47	8.7	SR13	9/4/2017 18:35	27.38	78.3	5.38	7.2
SR13	9/4/2017 0:40	27.22	79.4	5.46	6.8	SR13	9/4/2017 6:40	27.71	80.4	5.54	6.0	SR13	9/4/2017 12:40	27.38	80.7	5.56	8.9	SR13	9/4/2017 18:40	27.38	77.2	5.30	6.5
SR13	9/4/2017 0:45	27.22	78.0	5.36	7.4	SR13	9/4/2017 6:45	27.77	80.3	5.53	6.7	SR13	9/4/2017 12:45	27.38	79.5	5.48	7.1	SR13	9/4/2017 18:45	27.36	76.1	5.24	6.8
SR13	9/4/2017 0:50	27.21	77.6	5.34	6.1	SR13	9/4/2017 6:50	27.77	79.8	5.49	7.9	SR13	9/4/2017 12:50	27.38	78.0	5.38	8.1	SR13	9/4/2017 18:50	27.37	77.7	5.34	8.1
SR13	9/4/2017 0:55	27.21	78.2	5.38	5.5	SR13	9/4/2017 6:55	27.76	80.9	5.57	6.5	SR13	9/4/2017 12:55	27.38	79.9	5.50	8.4	SR13	9/4/2017 18:55	27.42	78.2	5.38	6.3
SR13	9/4/2017 1:00	27.19	77.6	5.34	5.7	SR13	9/4/2017 7:00	27.74	80.6	5.55	6.7	SR13	9/4/2017 13:00	27.38	80.1	5.52	7.6	SR13	9/4/2017 19:00	27.46	77.1	5.30	8.0
SR13	9/4/2017 1:05	27.19	78.5	5.41	5.5	SR13	9/4/2017 7:05	27.74	80.2	5.53	7.1	SR13	9/4/2017 13:05	27.38	79.4	5.47	7.6	SR13	9/4/2017 19:05	27.48	76.3	5.25	6.5
SR13	9/4/2017 1:10	27.19	78.9	5.43	5.4	SR13	9/4/2017 7:10	27.74	81.3	5.59	6.6	SR13	9/4/2017 13:10	27.39	78.5	5.41	7.7	SR13	9/4/2017 19:10	27.50	76.1	5.23	6.2
SR13	9/4/2017 1:15	27.19	78.4	5.40	7.2	SR13	9/4/2017 7:15	27.73	80.0	5.51	7.9	SR13	9/4/2017 13:15	27.39	78.8	5.43	7.4	SR13	9/4/2017 19:15	27.51	77.5	5.33	7.3
SR13	9/4/2017 1:20	27.21	79.8	5.50	6.7	SR13	9/4/2017 7:20	27.72	80.6	5.55	7.7	SR13	9/4/2017 13:20	27.39	78.4	5.40	7.4	SR13	9/4/2017 19:20	27.51	76.1	5.23	7.4
SR13	9/4/2017 1:25	27.21	78.8	5.43	5.2	SR13	9/4/2017 7:25	27.71	81.5	5.61	6.7	SR13	9/4/2017 13:25	27.40	78.7	5.42	7.8	SR13	9/4/2017 19:25	27.51	76.8	5.27	6.6
SR13	9/4/2017 1:30	27.21	78.9	5.44	6.8	SR13	9/4/2017 7:30	27.70	80.5	5.55	7.8	SR13	9/4/2017 13:30	27.40	78.7	5.43	8.1	SR13	9/4/2017 19:30	27.53	77.5	5.32	6.8
SR13	9/4/2017 1:35	27.22	78.0	5.37	6.7	SR13	9/4/2017 7:35	27.69	82.3	5.67	9.2	SR13	9/4/2017 13:35	27.40	78.0	5.38	7.3	SR13	9/4/2017 19:35	27.54	78.1	5.37	6.8
SR13	9/4/2017 1:40	27.26	78.8	5.44	5.0	SR13	9/4/2017 7:40	27.69	80.7	5.56	7.2	SR13	9/4/2017 13:40	27.40	77.2	5.32	7.1	SR13	9/4/2017 19:40	27.55	81.4	5.59	6.8
SR13	9/4/2017 1:45	27.29	78.9	5.44	7.0	SR13	9/4/2017 7:45	27.70	79.8	5.50	8.0	SR13	9/4/2017 13:45	27.40	77.7	5.36	7.5	SR13	9/4/2017 19:45	27.55	78.0	5.37	7.7
SR13	9/4/2017 1:50	27.27	78.9	5.44	6.6	SR13	9/4/2017 7:50	27.70	79.7	5.50	7.4	SR13	9/4/2017 13:50	27.40	77.7	5.35	7.7	SR13	9/4/2017 19:50	27.55	77.0	5.30	6.3
SR13	9/4/2017 1:55	27.28	78.1	5.38	6.7	SR13	9/4/2017 7:55	27.75	79.5	5.48	7.2	SR13	9/4/2017 13:55	27.40	77.4	5.35	8.2	SR13	9/4/2017 19:55	27.55	76.7	5.28	8.0
SR13	9/4/2017 2:00	27.31	78.1	5.38	8.5	SR13	9/4/2017 8:00	27.75	80.2	5.54	6.2	SR13	9/4/2017 14:00	27.40	78.5	5.41	7.6	SR13	9/4/2017 20:00	27.56	74.5	5.13	6.9
SR13	9/4/2017 2:05	27.26	78.1	5.39	5.2	SR13	9/4/2017 8:05	27.76	80.1	5.52	7.5	SR13	9/4/2017 14:05	27.39	79.6	5.49	7.1	SR13	9/4/2017 20:05	27.55	84.1	5.91	7.7
SR13	9/4/2017 2:10	27.24	77.5	5.35	6.3	SR13	9/4/2017 8:10	27.76	82.4	5.68	7.6	SR13	9/4/2017 14:10	27.39	78.2	5.40	7.4	SR13	9/4/2017 20:10	27.53	75.2	5.18	6.9
SR13	9/4/2017 2:15	27.23	77.2	5.32	5.1	SR13	9/4/2017 8:15	27.74	82.4	5.68	6.1	SR13	9/4/2017 14:15	27.39	75.5	5.21	7.7	SR13	9/4/2017 20:15	27.52	77.0	5.29	8.7
SR13	9/4/2017 2:20	27.20	76.7	5.29	6.9	SR13	9/4/2017 8:20	27.73	79.6	5.49	7.2	SR13	9/4/2017 14:20	27.39	76.9	5.30	8.1	SR13	9/4/2017 20:20	27.51	71.4	4.93	7.4
SR13	9/4/2017 2:25	27.18	78.6	5.41	7.7	SR13	9/4/2017 8:25	27.72	82.2	5.65	7.1	SR13	9/4/2017 14:25	27.38	77.2	5.33	7.1	SR13	9/4/2017 20:25	27.50	80.6	5.54	6.4
SR13	9/4/2017 2:30	27.19	77.0	5.31	7.1	SR13	9/4/2017 8:30	27.71	82.3	5.68	7.1	SR13	9/4/2017 14:30	27.38	77.1	5.32	6.6	SR13	9/4/2017 20:30	27.50	80.8	5.54	7.8
SR13	9/4/2017 2:35	27.21	76.6	5.29	7.3	SR13	9/4/2017 8:35	27.71	80.1	5.52	7.4	SR13	9/4/2017 14:35	27.38	77.6	5.35	7.6	SR13	9/4/2017 20:35	27.49	75.7	5.22	7.8
SR13	9/4/2017 2:40	27.21	75.8	5.23	5.7	SR13	9/4/2017 8:40	27.71	77.8	5.37	7.2	SR13	9/4/2017 14:40	27.38	79.1	5.44	6.7	SR13	9/4/2017 20:40	27.51	78.9	5.42	6.7
SR13	9/4/2017 2:45	27.19	76.8	5.29	5.6	SR13	9/4/2017 8:45	27.71	81.0	5.59	6.7	SR13	9/4/2017 14:45	27.38	77.2	5.32	7.4	SR13	9/4/2017 20:45	27.51	73.5	5.07	8.3
SR13	9/4/2017 2:50	27.16	76.5	5.29	5.8	SR13	9/4/2017 8:50	27.71	80.6	5.56	7.3	SR13	9/4/2017 14:50	27.38	76.7	5.29	7.3	SR13	9/4/2017 20:50	27.50	78.1	5.37	6.9
SR13	9/4/2017 2:55	27.13	77.8	5.37	5.2	SR13	9/4/2017 8:55	27.70	80.2	5.52	7.4	SR13	9/4/2017 14:55	27.38	77.0	5.31	7.9	SR13	9/4/2017 20:55	27.49	78.1	5.37	7.7
SR13	9/4/2017 3:00	27.12	78.4	5.41	7.0	SR13	9/4/2017 9:00	27.69	80.3	5.52	7.9	SR13	9/4/2017 15:00	27.38	77.4	5.33	7.2	SR13	9/4/2017 21:00	27.48	73.8	5.09	7.0
SR13	9/4/2017 3:05	27.13	78.1	5.39	5.3	SR13	9/4/2017 9:05	27.66	81.1	5.59	7.9	SR13	9/4/2017 15:05	27.38	77.4	5.33	6.6	SR13	9/4/2017 21:05	27.50	73.1	5.04	7.9
SR13	9/4/2017 3:10	27.14	76.7	5.29	6.3	SR13	9/4/2017 9:10	27.65	81.6	5.61	7.2	SR13	9/4/2017 15:10	27.38	77.9	5.36	8.2	SR13	9/4/2017 21:10	27.53	79.4	5.45	6.8
SR13	9/4/2017 3:15	27.16	76.0	5.24	6.2	SR13	9/4/2017 9:15	27.65	80.3	5.53	6.6	SR13	9/4/2017 15:15	27.38	77.4	5.33	7.5	SR13	9/4/2017 21:15	27.56	72.8	5.02	6.9
SR13	9/4/2017 3:20	27.28	76.3	5.27	6.4	SR13	9/4/2017 9:20	27.64	80.3	5.52	8.1	SR13	9/4/2017 15:20	27.38	79.1	5.44	7.3	SR13	9/4/2017 21:20	27.56	73.5	5.07	7.5
SR13	9/4/2017 3:25	27.50	76.4	5.28	6.3	SR13	9/4/2017 9:25	27.64	79.7	5.50	8.1	SR13	9/4/2017 15:25	27.37	76.0	5.24	8.0	SR13	9/4/2017 21:25	27.56	77.8	5.35	8.1
SR13	9/4/2017 3:30	27.54	77.6	5.35	7.1	SR13	9/4/2017 9:30	27.60	81.2	5.59	7.1	SR13	9/4/2017 15:30	27.36	71.5	4.93	7.0	SR13	9/4/2017 21:30	27.55	77.0	5.31	7.8
SR13	9/4/2017 3:35	27.59	78.2	5.39	6.1	SR13	9/4/2017 9:35	27.60	80.8	5.55	7.4	SR13	9/4/2017 15:35	27.35	89.2	6.39	6.8	SR13	9/4/2017 21:35	27.54	75.7	5.21	8.0
SR13	9/4/2017 3:40	27.58	80.7	5.56	8.6	SR13	9/4/2017 9:40	27.59	80.5	5.54	12.1	SR13	9/4/2017 15:40	27.35	73.6	5.08	6.8	SR13	9/4/2017 21:40	27.52	75.4	5.19	7.4
SR13	9/4/2017 3:45	27.56	80.0	5.52	6.9	SR13	9/4/2017 9:45	27.58	80.9	5.58	8.8	SR13	9/4/2017 15:45	27.33	79.2	5.43	6.9	SR13	9/4/2017 21:45	27.50	75.1	5.17	7.7
SR13	9/4/2017 3:50	27.56	78.3	5.40	6.9	SR13	9/4/2017 9:50	27.56	80.6	5.55	7.5	SR13	9/4/2017 15:50	27.32	70.8	4.89	8.0	SR13	9/4/2017 21:50	27.49	74.4	5.12	8.1
SR13	9/4/2017 3:55	27.54	79.1	5.45	6.7	SR13	9/4/2017 9:55	27.53	79.6	5.48	5.6	SR13	9/4/2017 15:55	27.30	85.2	5.83	7.0	SR13	9/4/2017 21:55	27.47	77.4	5.33	7.7
SR13	9/4/2017 4:00	27.51	79.7	5.48	8.2	SR13	9/4/2017 10:00	27.50	81.0	5.58	5.4	SR13	9/4/2017 16:00	27.31	82.5	5.65	6.9	SR13	9/4/2017 22:00	27.47	76.0	5.22	7.7
SR13	9/4/2017 4:05	27.52	76.7	5.29	6.0	SR13	9/4/2017 10:05	27.46	81.3	5.59	8.0	SR13	9/4/2017 16:05	27.31	76.3	5.25	8.0	SR13	9/4/2017 22:05	27.44	75.2	5.18	6.9
SR13	9/4/2017 4:10	27.53	77.1	5.32	6.6	SR13	9/4/2017 10:10	27.48	82.2	5.66	6.7	SR13	9/4/2017 16:10	27.31	84.2	5.77	7.5	SR13	9/4/2017 22:10	27.42	75.1	5.17	8.0
SR13	9/4/2017 4:15	27.54	78.6	5.41	6.3	SR13	9/4/2017 10:15	27.45	82.3	5.66	7.3	SR13						SR13	9/4/2017 22:15	27.40	76.7	5.28	7.3
SR13	9/4/2017 4:20	27.56	78.5	5.41	7.8	SR13	9/4/2017 10:20	27.50	79.6	5.47	10.5	SR13						SR13	9/4/2017 22:20	27.40	76.1	5.24	6.2
SR13	9/4/2017 4:25	27.49	78.7	5.43	6.8	SR13	9/4/2017 10:25	27.52	80.7	5.56	8.2	SR13						SR13	9/4/2017 22:25	27.40	76.2	5.26	7.0
SR13	9/4/2017 4:30	27.46	79.1	5.45	7.2	SR13	9/4/2017 10:30	27.53	80.2	5.52	7.0	SR13						SR13	9/4/2017 22:30	27.42	77.9	5.36	8.0
SR13	9/4/2017 4:35	27.44	80.4	5.54	7.3	SR13	9/4/2017 10:35	27.51	80.5	5.53	8.8	SR13	9/4/2017 16:35	27.30	73.9	5.09	6.5	SR13	9/4/2017 22:35	27.44	77.2	5.32	6.8
SR13	9/4/2017 4:40	27.44	80.3	5.53	7.5	SR13	9/4/2017 10:40	27.50	81.1	5.59	10.1	SR13	9/4/2017 16:40	27.31	84.7	5.80	6.7	SR13	9/4/2017 22:40	27.44	76.4	5.27	7.0
SR13	9/4/2017 4:45	27.44	78.6	5.42	7.5	SR13	9/4/2017 10:45	27.48	78.4	5.40	9.1	SR13	9/4/2017 16:45	27.32	71.7	4.94	6.4	SR13	9/4/2017 22:45	27.45	75.9	5.22	7.3
SR13	9/4/2017 4:50	27.44	79.7	5.49	7.2	SR13	9/4/2017 10:50	27.48	79.2	5.45	9.1	SR13	9/4/2017 16:50	27.32	73.4	5.05	7.5	SR13	9/4/2017 22:50	27.44	77.0	5.29	7.8
SR13	9/4/2017 4:55	27.45	80.9	5.56	8.0	SR13	9/4/2017 10:55	27.47	80.7	5.56	8.6	SR13	9/4/2017 16:55	27.33	81.1	5.56	7.2	SR13	9/4/2017 22:55	27.42	77.6	5.33	7.2
SR13	9/4/2017 5:00	27.47	79.6	5.48	7.4	SR13	9/4/2017 11:00	27.46	78.8	5.43	8.3	SR13	9/4/2017 17:00	27.32	76.2	5.25	6.1	SR13	9/4/2017 23:00	27.42	75.6	5.20	6.7
SR13	9/4/2017 5:05	27.48	78.7	5.42	8.3	SR13	9/4/2017 11:05	27.44	78.2	5.39	6.7	SR13	9/4/2017 17:05	27.32	75.8	5.21	8.1	SR13	9/4/2017 23:05	27.41	76.3	5.25	7.0
SR13	9/4/2017 5:10	27.50	80.7	5.55	8.3	SR13	9/4/2017 11:10	27.43	80.0	5.51	5.6	SR13	9/4/2017 17:10	27.32	77.1	5.31	7.0	SR13	9/4/2017 23:10	27.40	76.5	5.27	6.5
SR13	9/4/2017 5:15	27.53	79.1	5.45	8.6	SR13	9/4/2017 11:15	27.42	82.0	5.64	6.3	SR13	9/4/2017 17:15	27.32	76.6	5.26	8.0	SR13	9/4/2017 23:15	27.40	77.0	5.30	6.7
SR13	9/4/2017 5:20	27.54	78.7	5.42	8.3	SR13	9/4/2017 11:20	27.42	82.9	5.70	6.9	SR13	9/4/2017 17:20	27.32	76.1	5.24	8.7	SR13	9/4/2017 23:20	27.40	76.0	5.23	6.7
SR13	9/4/2017 5:25	27.57	78.6	5.42	8.6	SR13	9/4/2017 11:25	27.41	82.8	5.69	6.4	SR13	9/4/2017 17:25	27.32	77.8	5.35	7.9	SR13	9/4/2017 23:25	27.40	76.0	5.24	8.0
SR13	9/4/2017 5:30	27.58	79.5	5.47	8.1	SR13	9/4/2017 11:30	27.41	82.0	5.64	5.1	SR13	9/4/2017 17:30	27.32	78.2	5.37	9.0	SR13	9/4/2017 23:30	27.40	75.7	5.21	6.8
SR13	9/4/2017 5:35	27.59	81.0	5.58	7.7	SR13	9/4/2017 11:35	27.40	79.1	5.43	8.1	SR13	9/4/2017 17:35	27.32	77.5	5.32	7.8	SR13	9/4/2017 23:35	27.40	75.5	5.20	7.8
SR13	9/4/2017 5:40	27.60	81.4	5.60	8.5	SR13	9/4/2017 11:40	27.40	82.9	5.69	7.7	SR13	9/4/2017 17:40	27.32	77.9	5.35	7.5	SR13	9/4/2017 23:40	27.40	74.0	5.10	7.0
SR13	9/4/2017 5:45	27.61	80.4	5.54	8.8	SR13	9/4/2017 11:45	27.40	81.8	5.61	8.6	SR13	9/4/2017 17:45	27.31	77.5	5.32	12.3	SR13	9/4/2017 23:45	27.40	75.4	5.19	6.7
SR13	9/4/2017 5:50	27.62	80.6	5.55	8.2	SR13	9/4/2017 11:50	27.39	80.9	5.57	7.4	SR13	9/4/2017 17:50	27.31	77.8	5.35	9.2	SR13	9/4/2017 23:50	27.38	74.7	5.14	7.9
SR13	9/4/2017 5:55	27.64	80.6	5.55	6.7	SR13	9/4/2017 11:55	27.39	82.7	5.69	8.0	SR13	9/4/2017 17:55	27.31	77.5	5.33	7.4	SR13	9/4/2017 23:55	27.39	75.7	5.22	7.5

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	9/4/2017 0:17	0.06				SR12	9/4/2017 0:17	0.07			
SR4	9/4/2017 0:37	0.03				SR12	9/4/2017 0:37	0.08			
SR4	9/4/2017 0:57	0.03				SR12	9/4/2017 0:57	0.07			
SR4	9/4/2017 1:17	0.04				SR12	9/4/2017 1:17	0.05			
SR4	9/4/2017 1:37	0.07				SR12	9/4/2017 1:37	0.07			
SR4	9/4/2017 1:57	0.03				SR12	9/4/2017 1:57	0.08			
SR4	9/4/2017 2:17	0.03				SR12	9/4/2017 2:17	0.05			
SR4	9/4/2017 2:37	0.05				SR12	9/4/2017 2:37	0.05			
SR4	9/4/2017 2:57	0.05				SR12	9/4/2017 2:57	0.07			
SR4	9/4/2017 3:17	0.06				SR12	9/4/2017 3:17	0.08			
SR4	9/4/2017 3:37	0.06				SR12	9/4/2017 3:37	0.05			
SR4	9/4/2017 3:57	0.07				SR12	9/4/2017 3:57	0.08			
SR4	9/4/2017 4:17	0.03				SR12	9/4/2017 4:17	0.06			
SR4	9/4/2017 4:37	0.04				SR12	9/4/2017 4:37	0.06			
SR4	9/4/2017 4:57	0.05				SR12	9/4/2017 4:57	0.07			
SR4	9/4/2017 5:17	0.04				SR12	9/4/2017 5:17	0.04			
SR4	9/4/2017 5:37	0.04				SR12	9/4/2017 5:37	0.07			
SR4	9/4/2017 5:57	0.05				SR12	9/4/2017 5:57	0.04			
SR4						SR12					
SR4	9/4/2017 6:37	0.05				SR12	9/4/2017 6:37	0.08			
SR4	9/4/2017 6:57	0.06				SR12	9/4/2017 6:57	0.05			
SR4	9/4/2017 7:17	0.06				SR12	9/4/2017 7:17	0.04			
SR4	9/4/2017 7:37	0.04				SR12	9/4/2017 7:37	0.08			
SR4	9/4/2017 7:57	0.06				SR12	9/4/2017 7:57	0.04			
SR4	9/4/2017 8:17	0.05				SR12	9/4/2017 8:17	0.04			
SR4	9/4/2017 8:37	0.03				SR12	9/4/2017 8:37	0.05			
SR4	9/4/2017 8:57	0.03				SR12	9/4/2017 8:57	0.07			
SR4	9/4/2017 9:17	0.04				SR12	9/4/2017 9:17	0.06			
SR4	9/4/2017 9:37	0.06				SR12					
SR4	9/4/2017 9:57	0.03				SR12					
SR4	9/4/2017 10:17	0.06				SR12					
SR4	9/4/2017 10:37	0.03				SR12					
SR4	9/4/2017 10:57	0.05				SR12					
SR4	9/4/2017 11:17	0.04				SR12	9/4/2017 11:17	0.04			
SR4	9/4/2017 11:37	0.05				SR12	9/4/2017 11:37	0.07			
SR4	9/4/2017 11:57	0.03				SR12	9/4/2017 11:57	0.08			
SR4						SR12	9/4/2017 12:17	0.05			
SR4						SR12	9/4/2017 12:37	0.07			
SR4						SR12	9/4/2017 12:57	0.08			
SR4						SR12	9/4/2017 13:17	0.06			
SR4						SR12	9/4/2017 13:37	0.07			
SR4	9/4/2017 13:57	0.03				SR12	9/4/2017 13:57	0.08			
SR4	9/4/2017 14:17	0.03				SR12	9/4/2017 14:17	0.08			
SR4	9/4/2017 14:37	0.03				SR12	9/4/2017 14:37	0.08			
SR4	9/4/2017 14:57	0.04				SR12	9/4/2017 14:57	0.05			
SR4	9/4/2017 15:17	0.03				SR12	9/4/2017 15:17	0.05			
SR4	9/4/2017 15:37	0.03				SR12	9/4/2017 15:37	0.07			
SR4	9/4/2017 15:57	0.03				SR12	9/4/2017 15:57	0.08			
SR4	9/4/2017 16:17	0.04				SR12	9/4/2017 16:17	0.04			
SR4	9/4/2017 16:37	0.03				SR12	9/4/2017 16:37	0.08			
SR4	9/4/2017 16:57	0.06				SR12	9/4/2017 16:57	0.04			
SR4	9/4/2017 17:17	0.06				SR12	9/4/2017 17:17	0.07			
SR4	9/4/2017 17:37	0.04				SR12	9/4/2017 17:37	0.08			
SR4	9/4/2017 17:57	0.03				SR12	9/4/2017 17:57	0.04			
SR4	9/4/2017 18:17	0.04				SR12	9/4/2017 18:17	0.04			
SR4	9/4/2017 18:37	0.03				SR12	9/4/2017 18:37	0.08			
SR4	9/4/2017 18:57	0.04				SR12	9/4/2017 18:57	0.04			
SR4	9/4/2017 19:17	0.04				SR12	9/4/2017 19:17	0.04			
SR4	9/4/2017 19:37	0.06				SR12	9/4/2017 19:37	0.04			
SR4	9/4/2017 19:57	0.06				SR12	9/4/2017 19:57	0.06			
SR4	9/4/2017 20:17	0.05				SR12	9/4/2017 20:17	0.04			
SR4	9/4/2017 20:37	0.06				SR12	9/4/2017 20:37	0.04			
SR4	9/4/2017 20:57	0.04				SR12	9/4/2017 20:57	0.08			
SR4	9/4/2017 21:17	0.04				SR12	9/4/2017 21:17	0.04			
SR4	9/4/2017 21:37	0.05				SR12	9/4/2017 21:37	0.04			
SR4	9/4/2017 21:57	0.05				SR12	9/4/2017 21:57	0.07			
SR4	9/4/2017 22:17	0.04				SR12	9/4/2017 22:17	0.05			
SR4	9/4/2017 22:37	0.05				SR12	9/4/2017 22:37	0.08			
SR4	9/4/2017 22:57	0.04				SR12	9/4/2017 22:57	0.06			
SR4	9/4/2017 23:17	0.06				SR12	9/4/2017 23:17	0.08			
SR4	9/4/2017 23:37	0.05				SR12	9/4/2017 23:37	0.08			
SR4	9/4/2017 23:57	0.05				SR12	9/4/2017 23:57	0.05			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.
SR4 monitoring station was under maintenance during 12:16-13:26.
SR12 monitoring station was under maintenance during 9:36-10:46.
SR13 monitoring station was under maintenance during 16:10-16:35.

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR4	9/5/2017 0:01	27.44	77.6	5.13	8.1	SR4	9/5/2017 6:01	27.61	77.1	5.09	8.1	SR4	9/5/2017 12:01	27.60	79.0	5.21	5.0	SR4	9/5/2017 18:01	27.87	78.6	5.15	7.2
SR4	9/5/2017 0:06	27.44	80.6	5.33	8.0	SR4	9/5/2017 6:06	27.61	77.3	5.11	6.9	SR4	9/5/2017 12:06	27.56	79.5	5.24	3.8	SR4	9/5/2017 18:06	27.87	79.1	5.18	5.6
SR4	9/5/2017 0:11	27.44	77.5	5.13	8.3	SR4	9/5/2017 6:11	27.57	79.1	5.23	7.0	SR4	9/5/2017 12:11	27.57	80.4	5.30	4.7	SR4	9/5/2017 18:11	27.87	78.5	5.14	7.6
SR4	9/5/2017 0:16	27.43	79.2	5.24	7.9	SR4	9/5/2017 6:16	27.58	77.6	5.13	5.1	SR4	9/5/2017 12:16	27.60	79.8	5.27	6.5	SR4	9/5/2017 18:16	27.84	78.4	5.13	5.3
SR4	9/5/2017 0:21	27.43	78.4	5.19	6.0	SR4	9/5/2017 6:21	27.58	77.3	5.11	5.1	SR4	9/5/2017 12:21	27.59	78.9	5.20	5.0	SR4	9/5/2017 18:21	27.86	79.1	5.18	5.9
SR4	9/5/2017 0:26	27.42	77.7	5.14	5.3	SR4	9/5/2017 6:26	27.58	76.9	5.08	5.0	SR4	9/5/2017 12:26	27.56	78.6	5.19	6.8	SR4	9/5/2017 18:26	27.86	81.0	5.30	6.2
SR4	9/5/2017 0:31	27.43	76.6	5.07	6.7	SR4	9/5/2017 6:31	27.60	76.9	5.08	8.2	SR4	9/5/2017 12:31	27.57	76.4	5.04	5.1	SR4	9/5/2017 18:31	27.86	80.9	5.30	5.7
SR4	9/5/2017 0:36	27.43	76.8	5.08	7.3	SR4	9/5/2017 6:36	27.57	77.2	5.10	8.5	SR4	9/5/2017 12:36	27.51	77.1	5.08	4.7	SR4	9/5/2017 18:36	27.86	77.8	5.10	7.5
SR4	9/5/2017 0:41	27.44	77.4	5.12	7.6	SR4	9/5/2017 6:41	27.53	77.4	5.11	7.6	SR4	9/5/2017 12:41	27.47	75.7	5.00	6.9	SR4	9/5/2017 18:41	27.86	78.2	5.12	6.5
SR4	9/5/2017 0:46	27.43	77.3	5.11	8.0	SR4	9/5/2017 6:46	27.54	79.1	5.23	5.7	SR4	9/5/2017 12:46	27.39	75.9	5.01	5.1	SR4	9/5/2017 18:46	27.86	78.5	5.14	6.4
SR4	9/5/2017 0:51	27.43	77.5	5.13	5.6	SR4	9/5/2017 6:51	27.55	80.1	5.29	8.4	SR4	9/5/2017 12:51	27.45	79.6	5.26	6.2	SR4	9/5/2017 18:51	27.86	77.8	5.10	6.2
SR4	9/5/2017 0:56	27.42	80.7	5.34	6.6	SR4	9/5/2017 6:56	27.56	78.2	5.17	7.2	SR4	9/5/2017 12:56	27.47	77.6	5.12	6.8	SR4	9/5/2017 18:56	27.85	79.3	5.19	5.0
SR4	9/5/2017 1:01	27.42	77.2	5.10	5.9	SR4	9/5/2017 7:01	27.58	77.1	5.10	8.2	SR4	9/5/2017 13:01	27.46	77.6	5.12	6.5	SR4	9/5/2017 19:01	27.86	78.4	5.13	5.9
SR4	9/5/2017 1:06	27.43	80.2	5.30	6.8	SR4	9/5/2017 7:06	27.63	78.6	5.19	6.3	SR4	9/5/2017 13:06	27.43	79.2	5.20	3.6	SR4	9/5/2017 19:06	27.85	78.4	5.13	6.9
SR4	9/5/2017 1:11	27.42	74.3	4.92	5.8	SR4	9/5/2017 7:11	27.62	79.0	5.22	5.7	SR4	9/5/2017 13:11	27.45	78.9	5.17	4.4	SR4	9/5/2017 19:11	27.85	78.6	5.14	5.0
SR4	9/5/2017 1:16	27.42	76.9	5.09	7.5	SR4	9/5/2017 7:16	27.59	79.7	5.26	5.4	SR4	9/5/2017 13:16	27.49	80.6	5.28	4.2	SR4	9/5/2017 19:16	27.85	78.9	5.17	2.6
SR4	9/5/2017 1:21	27.39	75.3	4.98	8.5	SR4	9/5/2017 7:21	27.57	78.6	5.19	5.9	SR4	9/5/2017 13:21	27.47	78.5	5.14	3.8	SR4	9/5/2017 19:21	27.83	77.9	5.10	7.1
SR4	9/5/2017 1:26	27.39	76.0	5.03	5.5	SR4	9/5/2017 7:26	27.59	80.3	5.31	6.1	SR4	9/5/2017 13:26	27.53	78.1	5.13	6.1	SR4	9/5/2017 19:26	27.83	78.4	5.14	5.8
SR4	9/5/2017 1:31	27.38	76.0	5.03	6.7	SR4	9/5/2017 7:31	27.56	78.1	5.16	4.9	SR4	9/5/2017 13:31	27.56	76.9	5.06	6.2	SR4	9/5/2017 19:31	27.82	78.7	5.16	4.0
SR4	9/5/2017 1:36	27.37	77.0	5.09	5.7	SR4	9/5/2017 7:36	27.58	80.9	5.35	7.6	SR4	9/5/2017 13:36	27.54	74.4	4.91	5.4	SR4	9/5/2017 19:36	27.82	79.6	5.22	7.1
SR4	9/5/2017 1:41	27.36	76.2	5.04	7.1	SR4	9/5/2017 7:41	27.54	82.0	5.42	7.8	SR4	9/5/2017 13:41	27.54	77.2	5.07	6.1	SR4	9/5/2017 19:41	27.81	77.7	5.09	5.7
SR4	9/5/2017 1:46	27.36	75.1	4.97	5.5	SR4	9/5/2017 7:46	27.54	85.6	5.65	8.0	SR4	9/5/2017 13:46	27.53	77.3	5.08	6.8	SR4	9/5/2017 19:46	27.79	80.1	5.25	5.1
SR4	9/5/2017 1:51	27.39	75.2	4.97	8.6	SR4	9/5/2017 7:51	27.51	82.7	5.46	8.6	SR4	9/5/2017 13:51	27.52	77.3	5.10	6.6	SR4	9/5/2017 19:51	27.79	78.4	5.14	7.3
SR4	9/5/2017 1:56	27.39	76.7	5.07	7.4	SR4	9/5/2017 7:56	27.51	82.8	5.47	5.6	SR4	9/5/2017 13:56	27.50	76.8	5.07	6.0	SR4	9/5/2017 19:56	27.73	80.6	5.28	4.4
SR4	9/5/2017 2:01	27.39	74.6	4.94	7.0	SR4	9/5/2017 8:01	27.46	83.7	5.53	6.0	SR4	9/5/2017 14:01	27.46	76.1	5.02	6.4	SR4	9/5/2017 20:01	27.66	79.0	5.17	2.9
SR4	9/5/2017 2:06	27.38	76.2	5.04	8.0	SR4	9/5/2017 8:06	27.44	82.8	5.48	6.0	SR4	9/5/2017 14:06	27.47	75.7	4.97	5.3	SR4	9/5/2017 20:06	27.65	77.6	5.09	5.4
SR4	9/5/2017 2:11	27.35	76.0	5.02	7.5	SR4	9/5/2017 8:11	27.45	82.8	5.48	5.4	SR4	9/5/2017 14:11	27.47	74.4	4.90	6.1	SR4	9/5/2017 20:11	27.64	77.8	5.11	5.8
SR4	9/5/2017 2:16	27.34	75.7	5.01	5.8	SR4	9/5/2017 8:16	27.47	81.8	5.41	5.1	SR4	9/5/2017 14:16	27.51	73.3	4.84	6.4	SR4	9/5/2017 20:16	27.66	78.3	5.14	3.7
SR4	9/5/2017 2:21	27.36	74.2	4.91	5.2	SR4	9/5/2017 8:21	27.48	79.7	5.27	8.3	SR4	9/5/2017 14:21	27.47	76.4	5.03	8.1	SR4	9/5/2017 20:21	27.67	78.8	5.17	3.3
SR4	9/5/2017 2:26	27.37	74.9	4.95	5.3	SR4	9/5/2017 8:26	27.50	82.2	5.43	7.7	SR4	9/5/2017 14:26	27.48	75.7	4.98	7.5	SR4	9/5/2017 20:26	27.68	81.7	5.36	5.2
SR4	9/5/2017 2:31	27.38	75.3	4.99	5.5	SR4	9/5/2017 8:31	27.50	83.4	5.51	4.6	SR4	9/5/2017 14:31	27.47	74.4	4.91	5.2	SR4	9/5/2017 20:31	27.66	77.1	5.06	2.9
SR4	9/5/2017 2:36	27.38	75.5	5.00	7.8	SR4	9/5/2017 8:36	27.49	82.8	5.47	8.2	SR4	9/5/2017 14:36	27.46	75.3	4.96	7.7	SR4	9/5/2017 20:36	27.65	77.1	5.07	7.2
SR4	9/5/2017 2:41	27.37	74.8	4.96	5.7	SR4	9/5/2017 8:41	27.48	84.6	5.59	7.6	SR4	9/5/2017 14:41	27.52	79.4	5.23	8.5	SR4	9/5/2017 20:41	27.64	77.1	5.06	6.0
SR4	9/5/2017 2:46	27.37	74.2	4.91	7.1	SR4	9/5/2017 8:46	27.46	82.6	5.46	4.9	SR4	9/5/2017 14:46	27.55	77.8	5.12	5.3	SR4	9/5/2017 20:46	27.68	76.8	5.04	6.1
SR4	9/5/2017 2:51	27.37	73.4	4.86	6.8	SR4	9/5/2017 8:51	27.46	81.1	5.36	8.2	SR4	9/5/2017 14:51	27.56	75.3	4.96	4.9	SR4	9/5/2017 20:51	27.63	75.9	4.99	4.4
SR4	9/5/2017 2:56	27.37	73.8	4.88	6.9	SR4	9/5/2017 8:56	27.46	83.5	5.53	5.5	SR4	9/5/2017 14:56	27.58	74.1	4.88	7.1	SR4	9/5/2017 20:56	27.61	75.9	4.99	2.8
SR4	9/5/2017 3:01	27.37	76.0	5.03	5.1	SR4	9/5/2017 9:01	27.48	83.8	5.54	7.9	SR4	9/5/2017 15:01	27.60	76.4	5.03	7.1	SR4	9/5/2017 21:01	27.60	75.9	4.99	4.2
SR4	9/5/2017 3:06	27.35	72.9	4.83	5.4	SR4	9/5/2017 9:06	27.47	82.9	5.49	5.2	SR4	9/5/2017 15:06	27.61	76.4	5.03	5.3	SR4	9/5/2017 21:06	27.59	76.6	5.04	3.3
SR4	9/5/2017 3:11	27.36	74.6	4.94	7.5	SR4	9/5/2017 9:11	27.49	83.5	5.53	6.4	SR4	9/5/2017 15:11	27.63	75.8	4.98	5.5	SR4	9/5/2017 21:11	27.61	75.7	4.98	3.3
SR4	9/5/2017 3:16	27.36	73.7	4.88	6.1	SR4	9/5/2017 9:16	27.54	81.9	5.42	7.0	SR4	9/5/2017 15:16	27.65	81.3	5.35	8.1	SR4	9/5/2017 21:16	27.62	75.4	4.96	5.3
SR4	9/5/2017 3:21	27.36	73.8	4.89	8.3	SR4	9/5/2017 9:21	27.51	80.6	5.33	8.0	SR4	9/5/2017 15:21	27.66	78.1	5.14	5.6	SR4	9/5/2017 21:21	27.60	75.0	4.93	3.5
SR4	9/5/2017 3:26	27.36	73.7	4.88	7.9	SR4	9/5/2017 9:26	27.52	79.5	5.25	7.4	SR4	9/5/2017 15:26	27.68	77.3	5.08	6.9	SR4	9/5/2017 21:26	27.60	76.5	5.03	6.3
SR4	9/5/2017 3:31	27.36	73.6	4.87	5.7	SR4	9/5/2017 9:31	27.50	80.5	5.32	5.4	SR4	9/5/2017 15:31	27.70	76.3	5.02	5.1	SR4	9/5/2017 21:31	27.59	78.2	5.14	5.6
SR4	9/5/2017 3:36	27.36	74.6	4.94	5.4	SR4	9/5/2017 9:36	27.48	82.1	5.42	7.5	SR4	9/5/2017 15:36	27.72	76.6	5.04	7.4	SR4	9/5/2017 21:36	27.59	76.9	5.05	5.6
SR4	9/5/2017 3:41	27.36	74.2	4.91	6.8	SR4	9/5/2017 9:41	27.43	79.1	5.22	6.4	SR4	9/5/2017 15:41	27.73	80.0	5.26	6.3	SR4	9/5/2017 21:41	27.56	76.6	5.03	4.2
SR4	9/5/2017 3:46	27.36	73.8	4.89	7.0	SR4	9/5/2017 9:46	27.47	83.3	5.49	8.4	SR4	9/5/2017 15:46	27.77	79.7	5.24	6.0	SR4	9/5/2017 21:46	27.54	75.5	4.97	2.7
SR4	9/5/2017 3:51	27.37	73.3	4.86	6.1	SR4	9/5/2017 9:51	27.50	82.5	5.44	7.9	SR4	9/5/2017 15:51	27.79	78.9	5.19	7.0	SR4	9/5/2017 21:51	27.57	77.8	5.12	4.4
SR4	9/5/2017 3:56	27.37	72.5	4.80	7.3	SR4	9/5/2017 9:56	27.47	86.7	5.71	6.1	SR4	9/5/2017 15:56	27.81	78.4	5.15	7.5	SR4	9/5/2017 21:56	27.58	75.7	4.98	3.6
SR4	9/5/2017 4:01	27.38	72.5	4.80	5.2	SR4	9/5/2017 10:01	27.46	77.9	5.14	5.0	SR4	9/5/2017 16:01	27.82	77.7	5.10	5.4	SR4	9/5/2017 22:01	27.57	77.4	5.09	3.6
SR4	9/5/2017 4:06	27.42	74.4	4.92	7.5	SR4	9/5/2017 10:06	27.45	80.6	5.30	4.8	SR4	9/5/2017 16:06	27.83	80.3	5.27	5.0	SR4	9/5/2017 22:06	27.57	75.1	4.94	4.3
SR4	9/5/2017 4:11	27.43	75.0	4.97	8.2	SR4	9/5/2017 10:11	27.49	80.0	5.27	5.1	SR4	9/5/2017 16:11	27.84	77.6	5.09	7.9	SR4	9/5/2017 22:11	27.57	76.4	5.02	3.5
SR4	9/5/2017 4:16	27.44	75.1	4.97	6.7	SR4	9/5/2017 10:16	27.49	82.6	5.44	8.3	SR4	9/5/2017 16:16	27.84	77.4	5.08	5.2	SR4	9/5/2017 22:16	27.56	75.3	4.95	4.4
SR4	9/5/2017 4:21	27.44	75.2	4.98	7.7	SR4	9/5/2017 10:21	27.48	82.7	5.45	6.6	SR4	9/5/2017 16:21	27.85	79.9	5.25	7.8	SR4	9/5/2017 22:21	27.56	76.2	5.01	5.1
SR4	9/5/2017 4:26	27.44	75.2	4.97	6.6	SR4	9/5/2017 10:26	27.47	84.1	5.54	7.7	SR4	9/5/2017 16:26	27.86	77.5	5.09	7.0	SR4	9/5/2017 22:26	27.56	76.0	5.00	2.7
SR4	9/5/2017 4:31	27.45	76.4	5.05	7.5	SR4	9/5/2017 10:31	27.49	82.5	5.44	5.7	SR4	9/5/2017 16:31	27.85	77.2	5.06	5.4	SR4	9/5/2017 22:31	27.54	75.8	4.98	4.6
SR4	9/5/2017 4:36	27.46	76.9	5.09	8.0	SR4	9/5/2017 10:36	27.47	82.3	5.43	7.2	SR4	9/5/2017 16:36	27.86	78.0	5.11	7.8	SR4	9/5/2017 22:36	27.55	76.0	4.99	2.6
SR4	9/5/2017 4:41	27.48	76.0	5.03	6.4	SR4	9/5/2017 10:41	27.49	83.7	5.52	5.3	SR4	9/5/2017 16:41	27.86	78.0	5.11	7.6	SR4	9/5/2017 22:41	27.55	75.1	4.94	5.9
SR4	9/5/2017 4:46	27.50	76.3	5.05	5.8	SR4	9/5/2017 10:46	27.49	80.2	5.30	4.6	SR4	9/5/2017 16:46	27.86	77.7	5.09	5.4	SR4	9/5/2017 22:46	27.55	76.3	5.02	2.5
SR4	9/5/2017 4:51	27.52	76.3	5.05	4.8	SR4	9/5/2017 10:51	27.47	87.6	5.78	5.0	SR4	9/5/2017 16:51	27.87	78.8	5.16	9.1	SR4	9/5/2017 22:51	27.55	75.9	4.99	4.1
SR4	9/5/2017 4:56	27.54	79.0	5.22	7.5	SR4	9/5/2017 10:56	27.47	80.7	5.33	7.6	SR4	9/5/2017 16:56	27.88	78.1	5.11	7.9	SR4	9/5/2017 22:56	27.55	77.0	5.06	2.9
SR4	9/5/2017 5:01	27.55	83.5	5.52	6.3	SR4	9/5/2017 11:01	27.46	78.1	5.16	5.4	SR4	9/5/2017 17:01	27.87	78.0	5.11	5.6	SR4	9/5/2017 23:01	27.56	75.6	4.98	3.5
SR4	9/5/2017 5:06	27.56	79.6	5.26	8.3	SR4	9/5/2017 11:06	27.49	81.3	5.37	8.7	SR4	9/5/2017 17:06	27.88	81.1	5.31	7.9	SR4	9/5/2017 23:06	27.57	76.3	5.02	3.2
SR4	9/5/2017 5:11	27.57	77.7	5.13	5.0	SR4	9/5/2017 11:11	27.47	81.3	5.37	4.6	SR4	9/5/2017 17:11	27.87	79.5	5.21	7.7	SR4	9/5/2017 23:11	27.57	75.7	4.98	3.2
SR4	9/5/2017 5:16	27.57	78.4	5.18	6.6	SR4	9/5/2017 11:16	27.46	80.7	5.33	5.0	SR4	9/5/2017 17:16	27.87	79.7	5.22	7.8	SR4	9/5/2017 23:16	27.57	75.1	4.94	2.8
SR4	9/5/2017 5:21	27.56	77.9	5.15	7.1	SR4	9/5/2017 11:21	27.46	80.3	5.30	5.4	SR4	9/5/2017 17:21	27.87	79.1	5.18	7.4	SR4	9/5/2017 23:21	27.56	76.2	5.01	2.4
SR4	9/5/2017 5:26	27.59	77.4	5.11	7.7	SR4	9/5/2017 11:26	27.46	78.8	5.20	7.2	SR4	9/5/2017 17:26	27.88	77.5	5.08	5.1	SR4	9/5/2017 23:26	27.55	75.3	4.96	4.4
SR4	9/5/2017 5:31	27.60	76.3	5.04	7.0	SR4	9/5/2017 11:31	27.56	80.1	5.28	6.0	SR4	9/5/2017 17:31	27.87	77.7	5.09	6.7	SR4	9/5/2017 23:31	27.54	76.2	5.02	2.7
SR4	9/5/2017 5:36	27.60	77.3	5.11	5.7	SR4	9/5/2017 11:36	27.61	80.1	5.29	5.8	SR4	9/5/2017 17:36	27.87	78.2	5.12	5.2	SR4	9/5/2017 23:36	27.54	76.5	5.04	3.4
SR4	9/5/2017 5:41	27.61	77.7	5.13	6.0	SR4	9/5/2017 11:41	27.63	78.0	5.15	5.3	SR4	9/5/2017 17:41	27.87	77.1	5.05	6.9	SR4	9/5/2017 23:41	27.55	76.0	5.00	3.4
SR4	9/5/2017 5:46	27.61	76.7	5.07	5.2	SR4	9/5/2017 11:46	27.66	78.6	5.18	4.7	SR4	9/5/2017 17:46	27.87	77.8	5.09	7.2	SR4	9/5/2017 23:46	27.55	75.4	4.97	4.7
SR4	9/5/2017 5:51	27.61	77.0	5.09	4.6	SR4	9/5/2017 11:51	27.72	80.1	5.28	4.1	SR4	9/5/2017 17:51	27.87	78.4	5.13	7.2	SR4	9/5/2017 23:51	27.54	74.3	4.89	5.3
SR4	9/5/2017 5:56	27.62	79.7	5.26	4.9	SR4	9/5/2017 11:56	27.65	79.1	5.22	7.4	SR4	9/5/2017 17:56	27.87	80.2	5.25	7.3	SR4	9/5/2017 23:56	27.54	76.0	5.00	2.5

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR5	9/5/2017 0:00	27.47	85.5	5.93	8.3	SR5	9/5/2017 6:00	27.87	92.8	6.45	9.3	SR5	9/5/2017 12:00	27.56	80.9	5.64	9.6	SR5	9/5/2017 18:00	27.53	74.0	5.51	8.3
SR5	9/5/2017 0:05	27.57	87.0	6.03	9.5	SR5	9/5/2017 6:05	27.79	92.3	6.42	8.1	SR5	9/5/2017 12:05	27.73	80.9	5.64	9.6	SR5	9/5/2017 18:05	27.47	74.4	5.17	9.6
SR5	9/5/2017 0:10	27.49	85.7	5.95	8.8	SR5	9/5/2017 6:10	27.98	93.0	6.47	9.0	SR5	9/5/2017 12:10	27.59	81.1	5.65	8.7	SR5	9/5/2017 18:10	27.53	74.0	5.51	8.9
SR5	9/5/2017 0:15	27.45	86.7	6.02	9.4	SR5	9/5/2017 6:15	27.86	91.4	6.36	8.2	SR5	9/5/2017 12:15	27.65	81.1	5.66	9.0	SR5	9/5/2017 18:15	27.61	73.8	5.49	9.4
SR5	9/5/2017 0:20	27.49	86.3	5.99	9.5	SR5	9/5/2017 6:20	27.87	89.8	6.26	9.4	SR5	9/5/2017 12:20	27.70	80.5	5.61	9.2	SR5	9/5/2017 18:20	27.55	74.4	5.17	8.5
SR5	9/5/2017 0:25	27.47	85.5	5.93	9.3	SR5	9/5/2017 6:25	28.00	88.8	6.19	8.3	SR5	9/5/2017 12:25	27.61	80.1	5.59	9.0	SR5	9/5/2017 18:25	27.60	75.5	5.25	9.5
SR5	9/5/2017 0:30	27.51	85.0	5.90	9.6	SR5	9/5/2017 6:30	27.99	88.6	6.17	8.7	SR5	9/5/2017 12:30	27.57	78.6	5.48	8.7	SR5	9/5/2017 18:30	27.59	75.5	5.26	8.5
SR5	9/5/2017 0:35	27.50	85.8	5.95	8.3	SR5	9/5/2017 6:35	27.97	88.3	6.15	9.2	SR5	9/5/2017 12:35	27.67	78.5	5.48	8.0	SR5	9/5/2017 18:35	27.44	72.9	5.38	8.1
SR5	9/5/2017 0:40	27.55	87.0	6.04	9.5	SR5	9/5/2017 6:40	27.99	88.2	6.14	8.3	SR5	9/5/2017 12:40	27.71	77.3	5.40	9.7	SR5	9/5/2017 18:40	27.53	76.1	5.61	8.4
SR5	9/5/2017 0:45	27.63	87.7	6.08	9.5	SR5	9/5/2017 6:45	27.87	88.4	6.16	8.8	SR5	9/5/2017 12:45	27.59	76.9	5.37	8.3	SR5	9/5/2017 18:45	27.60	77.7	5.73	8.7
SR5	9/5/2017 0:50	27.46	88.9	6.16	9.7	SR5	9/5/2017 6:50	27.97	88.0	6.13	8.7	SR5	9/5/2017 12:50	27.68	78.4	5.47	8.9	SR5	9/5/2017 18:50	27.50	75.6	5.61	8.1
SR5	9/5/2017 0:55	27.57	90.9	6.29	8.0	SR5	9/5/2017 6:55	27.93	86.2	6.01	8.6	SR5	9/5/2017 12:55	27.66	76.9	5.36	8.4	SR5	9/5/2017 18:55	27.51	73.4	5.45	9.0
SR5	9/5/2017 1:00	27.65	89.2	6.18	9.1	SR5	9/5/2017 7:00	28.03	84.8	5.92	8.7	SR5	9/5/2017 13:00	27.67	76.5	5.33	9.7	SR5	9/5/2017 19:00	27.64	72.0	5.36	8.1
SR5	9/5/2017 1:05	27.64	91.0	6.30	8.2	SR5	9/5/2017 7:05	28.03	84.9	5.91	9.7	SR5	9/5/2017 13:05	27.60	77.1	5.35	9.1	SR5	9/5/2017 19:05	27.66	71.7	5.34	9.1
SR5	9/5/2017 1:10	27.57	88.4	6.14	9.0	SR5	9/5/2017 7:10	27.94	84.6	5.89	8.0	SR5	9/5/2017 13:10	27.67	76.8	5.34	8.7	SR5	9/5/2017 19:10	27.67	70.6	5.26	9.4
SR5	9/5/2017 1:15	27.61	90.5	6.28	8.6	SR5	9/5/2017 7:15	27.98	85.6	5.95	8.8	SR5	9/5/2017 13:15	27.59	78.0	5.41	9.5	SR5	9/5/2017 19:15	27.55	71.2	5.31	9.1
SR5	9/5/2017 1:20	27.49	89.5	6.20	9.0	SR5	9/5/2017 7:20	28.00	85.6	5.96	9.7	SR5	9/5/2017 13:20	27.75	76.8	5.33	8.6	SR5	9/5/2017 19:20	27.61	71.6	5.33	8.4
SR5	9/5/2017 1:25	27.62	88.0	6.11	9.5	SR5	9/5/2017 7:25	27.95	87.0	6.06	8.8	SR5	9/5/2017 13:25	27.69	76.3	5.31	9.4	SR5	9/5/2017 19:25	27.61	71.8	5.34	9.7
SR5	9/5/2017 1:30	27.45	87.7	6.08	9.6	SR5	9/5/2017 7:30	28.00	85.9	5.98	9.2	SR5	9/5/2017 13:30	27.64	75.7	5.27	9.4	SR5	9/5/2017 19:30	27.62	73.1	5.42	8.2
SR5	9/5/2017 1:35	27.63	88.7	6.14	9.1	SR5	9/5/2017 7:35	27.99	87.3	6.08	8.9	SR5	9/5/2017 13:35	27.73	74.3	5.19	9.3	SR5	9/5/2017 19:35	27.55	75.1	5.57	8.8
SR5	9/5/2017 1:40	27.58	88.0	6.10	9.0	SR5	9/5/2017 7:40	27.88	88.2	6.14	8.0	SR5	9/5/2017 13:40	27.62	75.6	5.26	8.4	SR5	9/5/2017 19:40	27.55	75.2	5.57	8.4
SR5	9/5/2017 1:45	27.55	87.3	6.05	8.7	SR5	9/5/2017 7:45	28.01	90.3	6.27	8.5	SR5	9/5/2017 13:45	27.72	76.2	5.30	8.8	SR5	9/5/2017 19:45	27.59	74.0	5.48	9.3
SR5	9/5/2017 1:50	27.68	87.3	6.05	8.1	SR5	9/5/2017 7:50	28.02	88.7	6.17	9.3	SR5	9/5/2017 13:50	27.63	76.3	5.32	9.3	SR5	9/5/2017 19:50	27.59	73.7	5.44	9.2
SR5	9/5/2017 1:55	27.62	87.9	6.09	8.2	SR5	9/5/2017 7:55	28.02	88.8	6.18	8.3	SR5	9/5/2017 13:55	27.57	75.9	5.30	9.0	SR5	9/5/2017 19:55	27.67	74.0	5.48	8.8
SR5	9/5/2017 2:00	27.72	87.1	6.05	8.1	SR5	9/5/2017 8:00	28.01	89.8	6.25	8.1	SR5	9/5/2017 14:00	27.68	75.0	5.23	9.6	SR5	9/5/2017 20:00	27.75	74.6	5.52	9.4
SR5	9/5/2017 2:05	27.75	88.3	6.13	8.1	SR5	9/5/2017 8:05	27.92	89.1	6.20	8.0	SR5	9/5/2017 14:05	27.55	74.2	5.52	9.4	SR5	9/5/2017 20:05	27.66	75.1	5.56	9.6
SR5	9/5/2017 2:10	27.68	88.1	6.10	9.5	SR5	9/5/2017 8:10	27.92	89.3	6.22	8.7	SR5	9/5/2017 14:10	27.61	73.1	5.44	8.4	SR5	9/5/2017 20:10	27.68	75.5	5.59	9.1
SR5	9/5/2017 2:15	27.73	87.7	6.09	9.1	SR5	9/5/2017 8:15	27.97	89.4	6.24	8.6	SR5	9/5/2017 14:15	27.66	72.0	5.37	8.0	SR5	9/5/2017 20:15	27.61	74.6	5.51	9.1
SR5	9/5/2017 2:20	27.70	87.1	6.04	9.1	SR5	9/5/2017 8:20	27.85	85.4	5.99	8.4	SR5	9/5/2017 14:20	27.54	73.1	5.44	9.5	SR5	9/5/2017 20:20	27.73	75.8	5.59	8.9
SR5	9/5/2017 2:25	27.72	87.9	6.10	9.5	SR5	9/5/2017 8:25	27.93	84.7	5.94	8.3	SR5						SR5	9/5/2017 20:25	27.66	76.2	5.61	9.3
SR5	9/5/2017 2:30	27.71	88.3	6.13	8.5	SR5	9/5/2017 8:30	28.02	85.1	5.97	8.8	SR5						SR5	9/5/2017 20:30	27.73	75.9	5.58	9.0
SR5	9/5/2017 2:35	27.54	88.3	6.13	8.3	SR5	9/5/2017 8:35	28.00	83.5	5.86	8.7	SR5						SR5	9/5/2017 20:35	27.61	75.4	5.53	8.8
SR5	9/5/2017 2:40	27.55	87.9	6.11	8.2	SR5	9/5/2017 8:40	27.90	84.1	5.89	8.0	SR5	9/5/2017 14:40	27.54	73.2	5.42	9.1	SR5	9/5/2017 20:40	27.70	76.1	5.59	8.9
SR5	9/5/2017 2:45	27.72	87.7	6.09	8.9	SR5	9/5/2017 8:45	27.90	82.8	5.80	9.0	SR5	9/5/2017 14:45	27.64	72.0	5.34	9.4	SR5	9/5/2017 20:45	27.69	75.6	5.54	8.6
SR5	9/5/2017 2:50	27.53	87.2	6.06	8.9	SR5	9/5/2017 8:50	27.86	81.6	5.73	9.2	SR5	9/5/2017 14:50	27.52	70.5	5.22	8.9	SR5	9/5/2017 20:50	27.64	74.4	5.47	8.6
SR5	9/5/2017 2:55	27.50	87.4	6.07	9.3	SR5	9/5/2017 8:55	27.98	82.4	5.78	8.0	SR5	9/5/2017 14:55	27.61	69.7	5.17	9.5	SR5	9/5/2017 20:55	27.62	75.1	5.51	8.6
SR5	9/5/2017 3:00	27.44	88.6	6.15	8.5	SR5	9/5/2017 9:00	27.93	82.1	5.75	8.6	SR5	9/5/2017 15:00	27.60	70.8	5.25	8.4	SR5	9/5/2017 21:00	27.74	74.7	5.49	8.8
SR5	9/5/2017 3:05	27.49	87.1	6.06	8.7	SR5	9/5/2017 9:05	27.95	81.6	5.72	9.3	SR5	9/5/2017 15:05	27.63	70.9	5.25	9.4	SR5	9/5/2017 21:05	27.54	74.5	5.45	9.4
SR5	9/5/2017 3:10	27.54	89.6	6.23	8.5	SR5	9/5/2017 9:10	27.86	82.6	5.79	9.5	SR5	9/5/2017 15:10	27.68	71.0	5.26	9.0	SR5	9/5/2017 21:10	27.63	74.2	5.44	8.7
SR5	9/5/2017 3:15	27.58	89.6	6.23	8.8	SR5	9/5/2017 9:15	28.04	81.5	5.71	9.5	SR5	9/5/2017 15:15	27.50	73.9	5.48	9.6	SR5	9/5/2017 21:15	27.57	73.7	5.39	9.1
SR5	9/5/2017 3:20	27.51	89.5	6.22	8.3	SR5	9/5/2017 9:20	28.03	80.7	5.65	9.4	SR5	9/5/2017 15:20	27.49	72.8	5.40	9.6	SR5	9/5/2017 21:20	27.65	73.3	5.36	9.3
SR5	9/5/2017 3:25	27.51	88.6	6.16	9.2	SR5	9/5/2017 9:25	27.84	79.9	5.60	9.5	SR5	9/5/2017 15:25	27.63	73.1	5.42	8.5	SR5	9/5/2017 21:25	27.59	73.1	5.34	8.7
SR5	9/5/2017 3:30	27.60	87.7	6.11	8.6	SR5	9/5/2017 9:30	27.85	80.2	5.61	8.8	SR5	9/5/2017 15:30	27.63	73.4	5.47	8.7	SR5	9/5/2017 21:30	27.64	73.1	5.34	9.2
SR5	9/5/2017 3:35	27.64	87.8	6.11	8.0	SR5	9/5/2017 9:35	27.90	81.1	5.67	8.5	SR5	9/5/2017 15:35	27.50	74.0	5.50	8.1	SR5	9/5/2017 21:35	27.55	72.9	5.32	8.8
SR5	9/5/2017 3:40	27.67	87.2	6.07	9.0	SR5	9/5/2017 9:40	27.87	79.4	5.56	8.9	SR5	9/5/2017 15:40	27.62	75.5	5.24	8.2	SR5	9/5/2017 21:40	27.60	73.7	5.39	9.3
SR5	9/5/2017 3:45	27.68	86.2	6.00	9.3	SR5	9/5/2017 9:45	28.01	81.5	5.68	8.9	SR5	9/5/2017 15:45	27.69	75.3	5.22	8.4	SR5	9/5/2017 21:45	27.68	74.5	5.44	9.0
SR5	9/5/2017 3:50	27.67	85.7	5.95	9.3	SR5	9/5/2017 9:50	27.87	81.0	5.66	9.5	SR5	9/5/2017 15:50	27.59	74.5	5.17	8.6	SR5	9/5/2017 21:50	27.69	76.4	5.57	9.1
SR5	9/5/2017 3:55	27.61	84.9	5.90	9.3	SR5	9/5/2017 9:55	27.87	83.0	5.78	8.1	SR5	9/5/2017 15:55	27.51	74.0	5.50	8.9	SR5	9/5/2017 21:55	27.69	76.6	5.58	8.5
SR5	9/5/2017 4:00	27.54	84.4	5.86	9.1	SR5	9/5/2017 10:00	27.82	78.9	5.52	8.0	SR5	9/5/2017 16:00	27.66	74.1	5.50	8.1	SR5	9/5/2017 22:00	27.65	76.1	5.54	7.8
SR5	9/5/2017 4:05	27.49	84.8	5.88	9.1	SR5	9/5/2017 10:05	27.77	80.0	5.59	8.1	SR5	9/5/2017 16:05	27.54	75.6	5.24	9.2	SR5	9/5/2017 22:05	27.58	75.7	5.52	8.2
SR5	9/5/2017 4:10	27.63	85.7	5.95	8.5	SR5	9/5/2017 10:10	27.91	79.6	5.57	9.4	SR5	9/5/2017 16:10	27.53	74.3	5.51	8.2	SR5	9/5/2017 22:10	27.59	77.8	5.67	8.2
SR5	9/5/2017 4:15	27.46	85.9	5.96	9.2	SR5	9/5/2017 10:15	27.77	80.9	5.65	8.2	SR5	9/5/2017 16:15	27.60	74.6	5.17	8.8	SR5	9/5/2017 22:15	27.68	79.7	5.79	8.9
SR5	9/5/2017 4:20	27.49	85.8	5.96	8.5	SR5	9/5/2017 10:20	27.70	81.0	5.65	8.1	SR5	9/5/2017 16:20	27.48	75.8	5.26	9.2	SR5	9/5/2017 22:20	27.62	75.5	5.25	8.5
SR5	9/5/2017 4:25	27.61	85.7	5.95	9.7	SR5	9/5/2017 10:25	27.81	81.7	5.69	9.0	SR5	9/5/2017 16:25	27.67	74.7	5.19	9.1	SR5	9/5/2017 22:25	27.59	74.4	5.51	7.5
SR5	9/5/2017 4:30	27.63	86.2	5.99	8.8	SR5	9/5/2017 10:30	27.84	81.3	5.67	8.5	SR5	9/5/2017 16:30	27.67	74.3	5.51	9.4	SR5	9/5/2017 22:30	27.59	74.1	5.49	7.4
SR5	9/5/2017 4:35	27.59	86.1	5.99	8.8	SR5	9/5/2017 10:35	27.70	81.4	5.67	9.5	SR5	9/5/2017 16:35	27.50	74.4	5.51	9.5	SR5	9/5/2017 22:35	27.66	73.9	5.48	8.4
SR5	9/5/2017 4:40	27.58	85.4	5.93	9.6	SR5	9/5/2017 10:40	27.79	82.0	5.71	8.1	SR5	9/5/2017 16:40	27.66	74.1	5.49	8.5	SR5	9/5/2017 22:40	27.70	74.5	5.52	8.3
SR5	9/5/2017 4:45	27.47	85.2	5.92	8.7	SR5	9/5/2017 10:45	27.79	80.4	5.60	8.0	SR5	9/5/2017 16:45	27.63	73.9	5.48	9.4	SR5	9/5/2017 22:45	27.65	73.7	5.47	8.2
SR5	9/5/2017 4:50	27.49	85.1	5.91	8.1	SR5	9/5/2017 10:50	27.66	84.2	5.85	8.9	SR5	9/5/2017 16:50	27.47	74.5	5.52	8.4	SR5	9/5/2017 22:50	27.73	73.8	5.48	8.4
SR5	9/5/2017 4:55	27.54	86.5	6.01	8.8	SR5	9/5/2017 10:55	27.77	81.0	5.65	9.3	SR5	9/5/2017 16:55	27.55	73.7	5.47	8.6	SR5	9/5/2017 22:55	27.63	76.4	5.31	7.3
SR5	9/5/2017 5:00	27.51	89.4	6.20	9.2	SR5	9/5/2017 11:00	27.82	79.7	5.56	9.2	SR5	9/5/2017 17:00	27.51	73.8	5.48	8.2	SR5	9/5/2017 23:00	27.71	74.7	5.19	8.5
SR5	9/5/2017 5:05	27.61	89.1	6.18	9.3	SR5	9/5/2017 11:05	27.69	81.3	5.66	8.2	SR5	9/5/2017 17:05	27.61	76.4	5.31	9.1	SR5	9/5/2017 23:05	27.69	75.4	5.23	8.6
SR5	9/5/2017 5:10	27.56	88.6	6.15	8.1	SR5	9/5/2017 11:10	27.75	81.4	5.67	9.6	SR5	9/5/2017 17:10	27.64	76.3	5.32	8.6	SR5	9/5/2017 23:10	27.66	76.1	5.28	7.3
SR5	9/5/2017 5:15	27.71	89.4	6.20	8.9	SR5	9/5/2017 11:15	27.73	81.1	5.66	9.7	SR5	9/5/2017 17:15	27.47	76.8	5.34	8.7	SR5	9/5/2017 23:15	27.58	75.9	5.26	7.8
SR5	9/5/2017 5:20	27.72	90.6	6.30	8.3	SR5	9/5/2017 11:20	27.71	81.1	5.65	9.5	SR5	9/5/2017 17:20	27.62	76.1	5.30	8.4	SR5	9/5/2017 23:20	27.70	76.2	5.28	8.3
SR5	9/5/2017 5:25	27.67	91.2	6.34	8.4	SR5	9/5/2017 11:25	27.60	80.3	5.60	8.9	SR5	9/5/2017 17:25	27.48	75.0	5.23	9.6	SR5	9/5/2017 23:25	27.71	75.5	5.24	8.7
SR5	9/5/2017 5:30	27.69	91.3	6.34	9.0	SR5	9/5/2017 11:30	27.75	80.7	5.62	8.9	SR5	9/5/2017 17:30	27.52	74.7	5.20	8.0	SR5	9/5/2017 23:30	27.68	77.0	5.35	7.4
SR5	9/5/2017 5:35	27.78	92.6	6.44	9.7	SR5	9/5/2017 11:35	27.72	80.3	5.60	8.1	SR5	9/5/2017 17:35	27.55	74.6	5.20	9.3	SR5	9/5/2017 23:35	27.65	78.1	5.42	8.9
SR5	9/5/2017 5:40	27.76	93.4	6.49	9.6	SR5	9/5/2017 11:40	27.76	79.2	5.52	9.4	SR5	9/5/2017 17:40	27.55	73.7	5.49	8.5	SR5	9/5/2017 23:40	27.50	78.8	5.46	8.5
SR5	9/5/2017 5:45	27.74	93.6	6.51	8.9	SR5	9/5/2017 11:45	27.58	79.4	5.53	9.2	SR5	9/5/2017 17:45	27.49	73.9	5.50	8.5	SR5	9/5/2017 23:45	27.54	79.5	5.51	8.4
SR5	9/5/2017 5:50	27.76	93.9	6.53	8.9	SR5	9/5/2017 11:50	27.75	80.6	5.62	8.4	SR5	9/5/2017 17:50	27.58	74.2	5.52	8.3	SR5	9/5/2017 23:50	27.58	79.6	5.52	8.1
SR5	9/5/2017 5:55	27.70	94.3	6.55	9.2	SR5	9/5/2017 11:55	27.72	80.7	5.63	8.0	SR5	9/5/2017 17:55	27.48	74.9	5.21	9.3	SR5	9/5/2017 23:55	27.60	80.7	5.59	7.9

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR12	9/5/2017 0:01	27.60	69.5	5.02	7.2	SR12	9/5/2017 6:01	27.70	72.9	5.27	7.6	SR12	9/5/2017 12:01	27.64	75.7	5.45	6.6	SR12	9/5/2017 18:01	27.58	78.6	5.67	8.2
SR12	9/5/2017 0:06	27.56	71.6	5.17	7.1	SR12	9/5/2017 6:06	27.84	71.8	5.18	7.3	SR12	9/5/2017 12:06	27.59	78.3	5.65	6.8	SR12	9/5/2017 18:06	27.64	78.8	5.68	8.8
SR12	9/5/2017 0:11	27.51	69.8	5.05	6.9	SR12	9/5/2017 6:11	27.73	72.8	5.25	7.2	SR12	9/5/2017 12:11	27.70	77.6	5.59	7.3	SR12	9/5/2017 18:11	27.64	79.1	5.71	6.4
SR12	9/5/2017 0:16	27.48	70.6	5.10	6.8	SR12	9/5/2017 6:16	27.94	72.0	5.20	8.0	SR12	9/5/2017 12:16	27.68	77.1	5.56	8.1	SR12	9/5/2017 18:16	27.59	78.1	5.63	9.3
SR12	9/5/2017 0:21	27.52	71.3	5.16	6.7	SR12	9/5/2017 6:21	27.82	72.8	5.27	8.2	SR12	9/5/2017 12:21	27.60	76.1	5.49	8.4	SR12	9/5/2017 18:21	27.53	80.9	5.84	8.8
SR12	9/5/2017 0:26	27.49	69.8	5.05	6.6	SR12	9/5/2017 6:26	27.97	73.2	5.30	8.1	SR12	9/5/2017 12:26	27.70	75.4	5.44	7.8	SR12	9/5/2017 18:26	27.50	82.1	5.92	7.2
SR12	9/5/2017 0:31	27.43	68.8	4.97	6.7	SR12	9/5/2017 6:31	27.86	72.7	5.26	8.3	SR12	9/5/2017 12:31	27.72	76.0	5.50	9.1	SR12	9/5/2017 18:31	27.42	79.1	5.69	6.3
SR12	9/5/2017 0:36	27.52	69.6	5.04	6.7	SR12	9/5/2017 6:36	27.91	73.4	5.31	8.2	SR12	9/5/2017 12:36	27.67	77.4	5.60	6.0	SR12	9/5/2017 18:36	27.54	76.2	5.51	5.6
SR12	9/5/2017 0:41	27.56	70.2	5.08	7.0	SR12	9/5/2017 6:41	27.94	73.6	5.33	8.0	SR12	9/5/2017 12:41	27.57	74.3	5.37	6.1	SR12	9/5/2017 18:41	27.61	76.7	5.55	5.6
SR12	9/5/2017 0:46	27.45	70.4	5.10	6.8	SR12	9/5/2017 6:46	27.98	73.5	5.31	8.4	SR12	9/5/2017 12:46	27.71	74.8	5.41	8.8	SR12	9/5/2017 18:46	27.61	76.4	5.52	7.9
SR12	9/5/2017 0:51	27.60	69.9	5.06	6.8	SR12	9/5/2017 6:51	27.98	74.8	5.40	7.8	SR12	9/5/2017 12:51	27.68	78.1	5.65	8.9	SR12	9/5/2017 18:51	27.52	76.9	5.57	9.3
SR12	9/5/2017 0:56	27.45	72.1	5.21	9.0	SR12	9/5/2017 6:56	27.83	71.8	5.18	8.1	SR12	9/5/2017 12:56	27.73	78.1	5.66	6.5	SR12	9/5/2017 18:56	27.45	77.6	5.61	9.1
SR12	9/5/2017 1:01	27.49	70.2	5.08	8.1	SR12	9/5/2017 7:01	27.99	73.1	5.29	7.5	SR12	9/5/2017 13:01	27.53	76.3	5.51	7.2	SR12	9/5/2017 19:01	27.44	76.4	5.52	6.6
SR12	9/5/2017 1:06	27.50	70.9	5.11	9.5	SR12	9/5/2017 7:06	27.95	74.0	5.35	7.7	SR12	9/5/2017 13:06	27.54	75.6	5.44	8.5	SR12	9/5/2017 19:06	27.45	77.3	5.59	6.3
SR12	9/5/2017 1:11	27.60	67.9	4.92	**10.5**	SR12	9/5/2017 7:11	27.99	72.4	5.22	7.3	SR12	9/5/2017 13:11	27.73	78.1	5.63	6.5	SR12	9/5/2017 19:11	27.65	76.7	5.54	7.6
SR12	9/5/2017 1:16	27.62	69.2	5.01	8.5	SR12	9/5/2017 7:16	27.90	73.7	5.32	7.5	SR12	9/5/2017 13:16	27.67	76.8	5.51	7.0	SR12	9/5/2017 19:16	27.53	76.9	5.56	5.6
SR12	9/5/2017 1:21	27.58	68.4	4.95	**10.1**	SR12	9/5/2017 7:21	27.93	73.0	5.27	7.5	SR12	9/5/2017 13:21	27.69	77.9	5.61	8.9	SR12	9/5/2017 19:21	27.55	75.6	5.46	7.7
SR12	9/5/2017 1:26	27.53	69.3	5.02	7.1	SR12	9/5/2017 7:26	28.00	74.2	5.36	7.5	SR12	9/5/2017 13:26	27.54	75.9	5.47	8.2	SR12	9/5/2017 19:26	27.55	76.0	5.49	6.9
SR12	9/5/2017 1:31	27.44	69.0	4.99	7.2	SR12	9/5/2017 7:31	28.05	73.4	5.31	7.9	SR12	9/5/2017 13:31	27.70	76.2	5.50	7.2	SR12	9/5/2017 19:31	27.68	76.7	5.54	6.9
SR12	9/5/2017 1:36	27.56	69.5	5.03	**17.8**	SR12	9/5/2017 7:36	27.96	75.2	5.43	7.8	SR12	9/5/2017 13:36	27.59	73.8	5.34	6.4	SR12	9/5/2017 19:36	27.61	77.2	5.58	9.3
SR12	9/5/2017 1:41	27.56	69.7	5.05	**12.4**	SR12	9/5/2017 7:41	27.85	75.2	5.43	7.7	SR12	9/5/2017 13:41	27.63	77.5	5.60	9.4	SR12	9/5/2017 19:41	27.56	76.0	5.50	7.2
SR12	9/5/2017 1:46	27.59	68.4	4.95	8.6	SR12	9/5/2017 7:46	27.91	76.0	5.46	6.9	SR12	9/5/2017 13:46	27.73	76.1	5.49	8.4	SR12	9/5/2017 19:46	27.61	76.6	5.53	8.2
SR12	9/5/2017 1:51	27.60	68.1	4.93	6.6	SR12	9/5/2017 7:51	27.99	74.7	5.38	7.0	SR12	9/5/2017 13:51	27.59	75.6	5.46	7.4	SR12	9/5/2017 19:51	27.55	77.0	5.57	8.8
SR12	9/5/2017 1:56	27.64	70.3	5.09	5.9	SR12	9/5/2017 7:56	27.93	74.9	5.39	6.7	SR12	9/5/2017 13:56	27.60	74.4	5.37	8.8	SR12	9/5/2017 19:56	27.60	78.1	5.64	7.8
SR12	9/5/2017 2:01	27.60	69.8	5.07	7.3	SR12	9/5/2017 8:01	27.94	74.6	5.37	7.2	SR12	9/5/2017 14:01	27.56	75.3	5.45	8.5	SR12	9/5/2017 20:01	27.64	76.7	5.54	6.1
SR12	9/5/2017 2:06	27.57	68.1	4.92	6.9	SR12	9/5/2017 8:06	28.05	74.1	5.34	7.3	SR12	9/5/2017 14:06	27.60	76.7	5.55	7.2	SR12	9/5/2017 20:06	27.67	75.7	5.48	6.5
SR12	9/5/2017 2:11	27.69	68.8	4.98	**18.0**	SR12	9/5/2017 8:11	27.95	74.2	5.34	7.2	SR12	9/5/2017 14:11	27.70	73.3	5.29	9.2	SR12	9/5/2017 20:11	27.66	75.8	5.48	9.2
SR12	9/5/2017 2:16	27.69	68.2	4.93	**10.1**	SR12	9/5/2017 8:16	27.99	75.6	5.46	7.2	SR12	9/5/2017 14:16	27.63	73.7	5.34	8.6	SR12	9/5/2017 20:16	27.71	75.7	5.47	5.8
SR12	9/5/2017 2:21	27.66	68.0	4.93	8.9	SR12	9/5/2017 8:21	27.90	75.3	5.45	7.6	SR12	9/5/2017 14:21	27.72	77.6	5.62	7.1	SR12	9/5/2017 20:21	27.58	75.5	5.45	7.5
SR12	9/5/2017 2:26	27.74	69.0	5.00	8.1	SR12	9/5/2017 8:26	27.92	74.8	5.39	6.9	SR12	9/5/2017 14:26	27.68	76.7	5.55	7.0	SR12	9/5/2017 20:26	27.65	76.9	5.54	8.4
SR12	9/5/2017 2:31	27.73	70.9	5.15	7.9	SR12	9/5/2017 8:31	27.98	76.2	5.49	7.2	SR12	9/5/2017 14:31	27.72	76.2	5.53	6.4	SR12	9/5/2017 20:31	27.65	75.3	5.45	9.2
SR12	9/5/2017 2:36	27.52	68.0	4.92	7.6	SR12	9/5/2017 8:36	27.94	75.4	5.43	7.6	SR12	9/5/2017 14:36	27.66	77.9	5.65	8.5	SR12	9/5/2017 20:36	27.66	74.5	5.39	8.2
SR12	9/5/2017 2:41	27.55	69.4	5.04	8.0	SR12	9/5/2017 8:41	28.03	75.8	5.46	7.2	SR12	9/5/2017 14:41	27.68	80.9	5.86	9.0	SR12	9/5/2017 20:41	27.57	74.3	5.37	6.8
SR12	9/5/2017 2:46	27.69	68.3	4.95	7.5	SR12	9/5/2017 8:46	27.92	75.2	5.42	6.6	SR12	9/5/2017 14:46	27.60	80.4	5.83	5.6	SR12	9/5/2017 20:46	27.68	74.7	5.40	5.9
SR12	9/5/2017 2:51	27.69	67.2	4.87	7.5	SR12	9/5/2017 8:51	27.98	74.7	5.39	6.7	SR12	9/5/2017 14:51	27.69	78.4	5.69	9.4	SR12	9/5/2017 20:51	27.72	74.1	5.37	8.6
SR12	9/5/2017 2:56	27.65	69.6	5.05	7.5	SR12	9/5/2017 8:56	27.92	76.3	5.51	6.6	SR12	9/5/2017 14:56	27.57	76.8	5.57	5.6	SR12	9/5/2017 20:56	27.54	74.3	5.38	7.3
SR12	9/5/2017 3:01	27.68	71.5	5.20	7.2	SR12	9/5/2017 9:01	28.01	76.4	5.51	9.5	SR12	9/5/2017 15:01	27.53	78.2	5.67	8.7	SR12	9/5/2017 21:01	27.57	73.7	5.33	6.2
SR12	9/5/2017 3:06	27.52	69.5	5.06	7.5	SR12	9/5/2017 9:06	27.99	75.4	5.44	6.9	SR12	9/5/2017 15:06	27.68	77.5	5.61	6.7	SR12	9/5/2017 21:06	27.62	74.7	5.41	6.9
SR12	9/5/2017 3:11	27.65	68.3	4.95	7.4	SR12	9/5/2017 9:11	28.04	75.0	5.41	6.6	SR12	9/5/2017 15:11	27.63	77.7	5.62	6.5	SR12	9/5/2017 21:11	27.62	74.0	5.36	7.5
SR12	9/5/2017 3:16	27.59	67.4	4.88	7.9	SR12	9/5/2017 9:16	27.97	75.8	5.48	6.5	SR12	9/5/2017 15:16	27.58	79.5	5.74	6.8	SR12	9/5/2017 21:16	27.56	73.5	5.32	6.8
SR12	9/5/2017 3:21	27.54	68.1	4.94	7.9	SR12	9/5/2017 9:21	28.03	73.1	5.27	6.7	SR12	9/5/2017 15:21	27.57	79.5	5.76	5.8	SR12	9/5/2017 21:21	27.72	73.8	5.35	8.9
SR12	9/5/2017 3:26	27.63	67.6	4.90	7.5	SR12	9/5/2017 9:26	27.85	74.7	5.40	6.5	SR12	9/5/2017 15:26	27.51	78.4	5.67	9.3	SR12	9/5/2017 21:26	27.58	74.5	5.39	8.2
SR12	9/5/2017 3:31	27.48	69.3	5.03	6.9	SR12	9/5/2017 9:31	27.93	74.9	5.41	6.5	SR12	9/5/2017 15:31	27.52	78.0	5.65	9.1	SR12	9/5/2017 21:31	27.61	75.4	5.45	8.5
SR12	9/5/2017 3:36	27.42	68.3	4.95	7.1	SR12	9/5/2017 9:36	27.83	75.7	5.46	6.5	SR12	9/5/2017 15:36	27.56	79.0	5.73	6.2	SR12	9/5/2017 21:36	27.73	74.7	5.40	8.6
SR12	9/5/2017 3:41	27.49	68.8	4.99	7.0	SR12	9/5/2017 9:41	28.01	73.3	5.29	6.3	SR12	9/5/2017 15:41	27.65	81.0	5.86	8.2	SR12	9/5/2017 21:41	27.63	74.9	5.42	6.3
SR12	9/5/2017 3:46	27.47	67.5	4.89	7.7	SR12	9/5/2017 9:46	28.03	75.6	5.44	6.6	SR12	9/5/2017 15:46	27.53	79.8	5.77	7.1	SR12	9/5/2017 21:46	27.65	74.3	5.39	8.4
SR12	9/5/2017 3:51	27.52	68.4	4.97	6.9	SR12	9/5/2017 9:51	27.89	76.1	5.49	6.1	SR12	9/5/2017 15:51	27.60	80.8	5.85	5.6	SR12	9/5/2017 21:51	27.59	74.5	5.38	7.9
SR12	9/5/2017 3:56	27.55	67.0	4.86	7.0	SR12	9/5/2017 9:56	27.97	78.4	5.64	6.6	SR12	9/5/2017 15:56	27.68	79.7	5.77	6.9	SR12	9/5/2017 21:56	27.57	74.4	5.39	9.0
SR12	9/5/2017 4:01	27.62	67.5	4.90	6.7	SR12	9/5/2017 10:01	27.88	75.1	5.42	7.1	SR12	9/5/2017 16:01	27.54	77.4	5.59	9.2	SR12	9/5/2017 22:01	27.74	75.5	5.47	7.0
SR12	9/5/2017 4:06	27.56	68.0	4.93	9.3	SR12	9/5/2017 10:06	27.96	78.0	5.62	6.2	SR12	9/5/2017 16:06	27.59	80.3	5.80	8.5	SR12	9/5/2017 22:06	27.66	73.4	5.32	8.9
SR12	9/5/2017 4:11	27.50	70.6	5.13	7.7	SR12	9/5/2017 10:11	27.83	79.4	5.74	6.0	SR12	9/5/2017 16:11	27.55	79.8	5.77	6.6	SR12	9/5/2017 22:11	27.56	74.6	5.40	6.1
SR12	9/5/2017 4:16	27.56	69.3	5.03	7.0	SR12	9/5/2017 10:16	27.90	80.9	5.84	5.8	SR12	9/5/2017 16:16	27.55	78.1	5.64	7.9	SR12	9/5/2017 22:16	27.58	74.3	5.38	6.8
SR12	9/5/2017 4:21	27.65	68.0	4.92	8.5	SR12	9/5/2017 10:21	27.93	80.6	5.82	5.8	SR12	9/5/2017 16:21	27.63	81.4	5.89	8.6	SR12	9/5/2017 22:21	27.56	73.7	5.33	7.1
SR12	9/5/2017 4:26	27.64	70.1	5.09	7.1	SR12	9/5/2017 10:26	27.76	78.8	5.66	6.2	SR12	9/5/2017 16:26	27.67	79.4	5.75	6.8	SR12	9/5/2017 22:26	27.67	74.8	5.42	7.6
SR12	9/5/2017 4:31	27.54	71.4	5.18	7.6	SR12	9/5/2017 10:31	27.73	78.5	5.66	5.8	SR12	9/5/2017 16:31	27.59	78.3	5.66	6.2	SR12	9/5/2017 22:31	27.66	73.4	5.31	9.1
SR12	9/5/2017 4:36	27.56	71.5	5.19	8.5	SR12	9/5/2017 10:36	27.74	77.9	5.61	6.0	SR12	9/5/2017 16:36	27.58	80.0	5.79	6.6	SR12	9/5/2017 22:36	27.74	74.3	5.38	9.4
SR12	9/5/2017 4:41	27.46	70.5	5.11	8.8	SR12	9/5/2017 10:41	27.69	80.5	5.81	6.0	SR12	9/5/2017 16:41	27.60	78.7	5.68	7.2	SR12	9/5/2017 22:41	27.66	74.2	5.38	6.4
SR12	9/5/2017 4:46	27.60	68.3	4.94	8.8	SR12	9/5/2017 10:46	27.72	78.0	5.63	6.0	SR12	9/5/2017 16:46	27.53	79.3	5.73	6.3	SR12	9/5/2017 22:46	27.73	73.8	5.34	8.4
SR12	9/5/2017 4:51	27.53	70.3	5.10	8.3	SR12	9/5/2017 10:51	27.71	83.1	5.99	6.0	SR12	9/5/2017 16:51	27.59	78.7	5.68	9.0	SR12	9/5/2017 22:51	27.60	74.6	5.41	9.2
SR12	9/5/2017 4:56	27.51	70.4	5.08	6.9	SR12	9/5/2017 10:56	27.79	77.1	5.56	6.0	SR12	9/5/2017 16:56	27.54	78.4	5.66	7.4	SR12	9/5/2017 22:56	27.55	74.8	5.41	6.5
SR12	9/5/2017 5:01	27.64	72.7	5.24	7.1	SR12	9/5/2017 11:01	27.86	76.5	5.53	6.1	SR12	9/5/2017 17:01	27.55	79.0	5.71	6.8	SR12	9/5/2017 23:01	27.71	73.3	5.31	9.3
SR12	9/5/2017 5:06	27.63	72.9	5.28	7.6	SR12	9/5/2017 11:06	27.79	78.6	5.68	6.2	SR12	9/5/2017 17:06	27.53	81.7	5.90	8.4	SR12	9/5/2017 23:06	27.56	74.9	5.43	8.1
SR12	9/5/2017 5:11	27.50	70.6	5.11	7.9	SR12	9/5/2017 11:11	27.81	78.3	5.65	6.0	SR12	9/5/2017 17:11	27.59	81.5	5.89	9.3	SR12	9/5/2017 23:11	27.57	73.8	5.35	5.6
SR12	9/5/2017 5:16	27.56	70.2	5.07	7.5	SR12	9/5/2017 11:16	27.68	77.7	5.61	6.0	SR12	9/5/2017 17:16	27.57	80.8	5.83	7.0	SR12	9/5/2017 23:16	27.63	73.6	5.33	8.6
SR12	9/5/2017 5:21	27.70	71.0	5.14	8.4	SR12	9/5/2017 11:21	27.81	76.3	5.50	6.0	SR12	9/5/2017 17:21	27.55	79.2	5.71	6.5	SR12	9/5/2017 23:21	27.67	74.1	5.36	5.7
SR12	9/5/2017 5:26	27.59	69.2	4.99	8.2	SR12	9/5/2017 11:26	27.67	76.6	5.53	6.1	SR12	9/5/2017 17:26	27.45	80.2	5.80	6.2	SR12	9/5/2017 23:26	27.59	73.6	5.34	7.9
SR12	9/5/2017 5:31	27.67	68.4	4.94	7.6	SR12	9/5/2017 11:31	27.61	79.3	5.73	9.1	SR12	9/5/2017 17:31	27.56	77.9	5.62	9.2	SR12	9/5/2017 23:31	27.53	73.7	5.33	7.5
SR12	9/5/2017 5:36	27.64	70.6	5.11	7.7	SR12	9/5/2017 11:36	27.79	77.9	5.63	5.9	SR12	9/5/2017 17:36	27.57	78.9	5.70	7.4	SR12	9/5/2017 23:36	27.61	73.0	5.30	6.7
SR12	9/5/2017 5:41	27.73	71.1	5.14	7.8	SR12	9/5/2017 11:41	27.61	75.5	5.45	6.3	SR12	9/5/2017 17:41	27.57	80.4	5.82	6.6	SR12	9/5/2017 23:41	27.72	72.2	5.24	8.9
SR12	9/5/2017 5:46	27.70	71.2	5.16	7.5	SR12	9/5/2017 11:46	27.59	76.2	5.49	6.1	SR12	9/5/2017 17:46	27.48	79.1	5.71	7.9	SR12	9/5/2017 23:46	27.54	72.6	5.28	8.0
SR12	9/5/2017 5:51	27.64	72.0	5.20	7.5	SR12	9/5/2017 11:51	27.66	79.4	5.74	6.2	SR12	9/5/2017 17:51	27.49	78.2	5.64	7.8	SR12	9/5/2017 23:51	27.51	72.3	5.26	8.7
SR12	9/5/2017 5:56	27.70	73.3	5.29	7.4	SR12	9/5/2017 11:56	27.74	76.2	5.49	6.5	SR12	9/5/2017 17:56	27.49	80.1	5.77	9.4	SR12	9/5/2017 23:56	27.57	73.0	5.30	7.8

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR13	9/5/2017 0:00	27.38	75.5	5.20	7.7	SR13	9/5/2017 6:00	27.74	73.1	5.04	7.2	SR13	9/5/2017 12:00	27.54	76.2	5.26	6.8	SR13	9/5/2017 18:00	27.41	77.4	5.33	7.4
SR13	9/5/2017 0:05	27.38	76.7	5.28	7.3	SR13	9/5/2017 6:05	27.76	73.4	5.07	7.0	SR13	9/5/2017 12:05	27.55	77.4	5.34	7.2	SR13	9/5/2017 18:05	27.41	76.5	5.26	7.2
SR13	9/5/2017 0:10	27.38	76.7	5.28	6.6	SR13	9/5/2017 6:10	27.77	74.4	5.14	6.8	SR13	9/5/2017 12:10	27.54	77.8	5.37	5.6	SR13	9/5/2017 18:10	27.41	78.0	5.37	6.6
SR13	9/5/2017 0:15	27.39	76.0	5.24	6.3	SR13	9/5/2017 6:15	27.77	73.0	5.04	6.1	SR13	9/5/2017 12:15	27.54	77.9	5.37	6.7	SR13	9/5/2017 18:15	27.41	77.3	5.31	6.4
SR13	9/5/2017 0:20	27.39	75.0	5.18	7.0	SR13	9/5/2017 6:20	27.79	72.7	5.02	8.7	SR13	9/5/2017 12:20	27.53	76.8	5.29	7.2	SR13	9/5/2017 18:20	27.40	77.4	5.32	6.5
SR13	9/5/2017 0:25	27.39	75.0	5.17	7.3	SR13	9/5/2017 6:25	27.80	73.6	5.09	8.6	SR13	9/5/2017 12:25	27.53	76.8	5.29	5.3	SR13	9/5/2017 18:25	27.40	77.7	5.34	7.2
SR13	9/5/2017 0:30	27.39	74.8	5.17	7.6	SR13	9/5/2017 6:30	27.80	73.4	5.08	7.4	SR13	9/5/2017 12:30	27.52	75.5	5.21	7.2	SR13	9/5/2017 18:30	27.40	78.1	5.38	7.1
SR13	9/5/2017 0:35	27.39	74.3	5.12	7.5	SR13	9/5/2017 6:35	27.80	72.7	5.01	6.4	SR13	9/5/2017 12:35	27.52	75.6	5.21	6.8	SR13	9/5/2017 18:35	27.40	77.3	5.33	6.6
SR13	9/5/2017 0:40	27.39	75.2	5.19	6.4	SR13	9/5/2017 6:40	27.80	73.1	5.05	7.4	SR13	9/5/2017 12:40	27.51	75.0	5.17	7.7	SR13	9/5/2017 18:40	27.41	75.8	5.21	7.3
SR13	9/5/2017 0:45	27.40	74.3	5.13	7.1	SR13	9/5/2017 6:45	27.81	73.7	5.08	7.9	SR13	9/5/2017 12:45	27.51	75.8	5.24	7.5	SR13	9/5/2017 18:45	27.42	76.1	5.24	6.6
SR13	9/5/2017 0:50	27.40	73.8	5.09	6.6	SR13	9/5/2017 6:50	27.81	74.1	5.11	8.6	SR13	9/5/2017 12:50	27.51	77.5	5.36	6.7	SR13	9/5/2017 18:50	27.43	77.7	5.36	6.0
SR13	9/5/2017 0:55	27.40	76.3	5.26	6.7	SR13	9/5/2017 6:55	27.82	73.6	5.09	6.0	SR13	9/5/2017 12:55	27.50	76.2	5.26	4.8	SR13	9/5/2017 18:55	27.44	78.0	5.37	7.2
SR13	9/5/2017 1:00	27.40	76.0	5.24	6.3	SR13	9/5/2017 7:00	27.82	74.0	5.13	7.6	SR13	9/5/2017 13:00	27.50	76.9	5.31	6.5	SR13	9/5/2017 19:00	27.45	77.3	5.33	5.6
SR13	9/5/2017 1:05	27.40	76.0	5.24	7.1	SR13	9/5/2017 7:05	27.82	73.3	5.06	5.5	SR13	9/5/2017 13:05	27.51	77.3	5.32	5.8	SR13	9/5/2017 19:05	27.46	78.2	5.39	5.9
SR13	9/5/2017 1:10	27.40	73.0	5.05	9.0	SR13	9/5/2017 7:10	27.82	74.2	5.13	7.3	SR13	9/5/2017 13:10	27.52	77.4	5.32	5.0	SR13	9/5/2017 19:10	27.47	79.8	5.50	7.7
SR13	9/5/2017 1:15	27.40	73.9	5.11	6.2	SR13	9/5/2017 7:15	27.82	74.0	5.11	6.4	SR13	9/5/2017 13:15	27.52	77.9	5.35	6.5	SR13	9/5/2017 19:15	27.49	79.7	5.50	7.4
SR13	9/5/2017 1:20	27.41	73.0	5.04	6.7	SR13	9/5/2017 7:20	27.82	72.9	5.03	5.7	SR13	9/5/2017 13:20	27.52	76.6	5.27	6.9	SR13	9/5/2017 19:20	27.50	78.2	5.40	6.5
SR13	9/5/2017 1:25	27.41	74.5	5.15	6.1	SR13	9/5/2017 7:25	27.82	75.0	5.18	7.2	SR13	9/5/2017 13:25	27.52	77.2	5.32	6.1	SR13	9/5/2017 19:25	27.50	77.6	5.36	7.0
SR13	9/5/2017 1:30	27.41	74.3	5.13	6.9	SR13	9/5/2017 7:30	27.82	74.8	5.18	6.8	SR13	9/5/2017 13:30	27.52	76.7	5.29	7.5	SR13	9/5/2017 19:30	27.51	78.5	5.42	6.1
SR13	9/5/2017 1:35	27.41	74.2	5.13	6.0	SR13	9/5/2017 7:35	27.82	75.2	5.21	8.7	SR13	9/5/2017 13:35	27.51	74.9	5.18	7.5	SR13	9/5/2017 19:35	27.52	78.6	5.42	5.8
SR13	9/5/2017 1:40	27.42	73.5	5.07	7.6	SR13	9/5/2017 7:40	27.82	75.2	5.19	8.9	SR13	9/5/2017 13:40	27.51	76.1	5.24	7.6	SR13	9/5/2017 19:40	27.52	77.7	5.36	6.6
SR13	9/5/2017 1:45	27.42	73.5	5.09	7.0	SR13	9/5/2017 7:45	27.82	76.5	5.27	5.9	SR13	9/5/2017 13:45	27.51	76.6	5.28	7.3	SR13	9/5/2017 19:45	27.52	79.8	5.50	5.2
SR13	9/5/2017 1:50	27.43	73.1	5.05	6.7	SR13	9/5/2017 7:50	27.82	75.4	5.20	7.1	SR13	9/5/2017 13:50	27.50	75.2	5.19	6.4	SR13	9/5/2017 19:50	27.53	79.0	5.45	5.8
SR13	9/5/2017 1:55	27.43	74.4	5.14	7.3	SR13	9/5/2017 7:55	27.82	75.2	5.19	6.6	SR13	9/5/2017 13:55	27.50	75.8	5.24	6.9	SR13	9/5/2017 19:55	27.53	79.5	5.48	5.5
SR13	9/5/2017 2:00	27.44	73.9	5.11	6.8	SR13	9/5/2017 8:00	27.82	76.5	5.28	5.5	SR13	9/5/2017 14:00	27.50	75.5	5.22	7.0	SR13	9/5/2017 20:00	27.53	78.5	5.41	6.5
SR13	9/5/2017 2:05	27.45	74.1	5.12	6.2	SR13	9/5/2017 8:05	27.81	75.6	5.22	6.0	SR13	9/5/2017 14:05	27.50	75.7	5.22	7.7	SR13	9/5/2017 20:05	27.52	78.3	5.41	6.4
SR13	9/5/2017 2:10	27.46	73.8	5.10	6.2	SR13	9/5/2017 8:10	27.81	75.8	5.24	8.8	SR13	9/5/2017 14:10	27.50	73.9	5.10	7.6	SR13	9/5/2017 20:10	27.51	79.4	5.49	5.9
SR13	9/5/2017 2:15	27.46	72.8	5.02	5.8	SR13	9/5/2017 8:15	27.81	74.7	5.15	8.1	SR13	9/5/2017 14:15	27.50	74.5	5.14	8.2	SR13	9/5/2017 20:15	27.50	79.1	5.46	7.2
SR13	9/5/2017 2:20	27.47	72.2	4.99	5.8	SR13	9/5/2017 8:20	27.81	74.1	5.12	5.6	SR13	9/5/2017 14:20	27.50	76.3	5.26	5.7	SR13	9/5/2017 20:20	27.50	79.8	5.51	4.9
SR13	9/5/2017 2:25	27.47	73.1	5.04	6.8	SR13	9/5/2017 8:25	27.81	74.6	5.15	8.1	SR13	9/5/2017 14:25	27.49	77.1	5.31	7.3	SR13	9/5/2017 20:25	27.49	80.7	5.57	6.6
SR13	9/5/2017 2:30	27.47	73.2	5.06	5.8	SR13	9/5/2017 8:30	27.81	75.5	5.21	8.1	SR13	9/5/2017 14:30	27.49	74.8	5.17	7.8	SR13	9/5/2017 20:30	27.48	77.3	5.33	6.2
SR13	9/5/2017 2:35	27.49	73.2	5.07	6.7	SR13	9/5/2017 8:35	27.81	75.4	5.20	5.9	SR13	9/5/2017 14:35	27.49	76.7	5.29	6.5	SR13	9/5/2017 20:35	27.48	78.7	5.44	5.9
SR13	9/5/2017 2:40	27.48	72.3	5.00	6.3	SR13	9/5/2017 8:40	27.81	77.6	5.36	7.2	SR13	9/5/2017 14:40	27.49	79.4	5.49	7.0	SR13	9/5/2017 20:40	27.49	78.5	5.42	5.2
SR13	9/5/2017 2:45	27.46	72.6	5.01	6.5	SR13	9/5/2017 8:45	27.81	76.0	5.25	6.1	SR13	9/5/2017 14:45	27.49	79.4	5.48	8.3	SR13	9/5/2017 20:45	27.50	77.5	5.34	6.1
SR13	9/5/2017 2:50	27.41	72.4	5.01	5.6	SR13	9/5/2017 8:50	27.81	74.6	5.14	7.6	SR13	9/5/2017 14:50	27.49	78.0	5.39	6.8	SR13	9/5/2017 20:50	27.50	78.7	5.44	5.6
SR13	9/5/2017 2:55	27.38	72.9	5.04	5.7	SR13	9/5/2017 8:55	27.81	76.8	5.31	5.8	SR13	9/5/2017 14:55	27.49	76.5	5.27	6.9	SR13	9/5/2017 20:55	27.50	77.7	5.37	5.0
SR13	9/5/2017 3:00	27.38	73.8	5.10	6.8	SR13	9/5/2017 9:00	27.81	77.6	5.36	7.7	SR13	9/5/2017 15:00	27.49	77.5	5.35	7.4	SR13	9/5/2017 21:00	27.51	77.1	5.33	4.8
SR13	9/5/2017 3:05	27.38	73.0	5.05	6.1	SR13	9/5/2017 9:05	27.81	77.2	5.34	7.2	SR13	9/5/2017 15:05	27.49	77.2	5.32	7.3	SR13	9/5/2017 21:05	27.52	78.3	5.42	5.7
SR13	9/5/2017 3:10	27.39	72.7	5.03	7.2	SR13	9/5/2017 9:10	27.81	77.0	5.32	7.4	SR13	9/5/2017 15:10	27.49	78.2	5.40	7.5	SR13	9/5/2017 21:10	27.52	77.2	5.33	4.7
SR13	9/5/2017 3:15	27.43	72.7	5.03	7.1	SR13	9/5/2017 9:15	27.81	75.1	5.18	7.9	SR13	9/5/2017 15:15	27.48	79.7	5.49	7.5	SR13	9/5/2017 21:15	27.53	77.4	5.35	7.7
SR13	9/5/2017 3:20	27.44	73.2	5.07	5.9	SR13	9/5/2017 9:20	27.80	75.5	5.22	7.4	SR13	9/5/2017 15:20	27.48	80.6	5.57	5.4	SR13	9/5/2017 21:20	27.52	76.9	5.31	6.9
SR13	9/5/2017 3:25	27.44	73.1	5.06	5.7	SR13	9/5/2017 9:25	27.80	75.0	5.17	7.3	SR13	9/5/2017 15:25	27.48	77.2	5.32	8.0	SR13	9/5/2017 21:25	27.52	77.5	5.35	6.7
SR13	9/5/2017 3:30	27.43	72.6	5.03	6.4	SR13	9/5/2017 9:30	27.80	76.6	5.28	6.5	SR13	9/5/2017 15:30	27.47	76.4	5.28	6.0	SR13	9/5/2017 21:30	27.51	78.6	5.43	5.2
SR13	9/5/2017 3:35	27.44	72.5	5.01	6.6	SR13	9/5/2017 9:35	27.80	77.5	5.35	7.3	SR13	9/5/2017 15:35	27.47	77.6	5.36	7.0	SR13	9/5/2017 21:35	27.51	79.3	5.48	5.1
SR13	9/5/2017 3:40	27.46	72.8	5.03	7.6	SR13	9/5/2017 9:40	27.79	74.9	5.17	8.6	SR13	9/5/2017 15:40	27.47	79.2	5.46	7.3	SR13	9/5/2017 21:40	27.52	79.1	5.46	5.7
SR13	9/5/2017 3:45	27.46	73.3	5.07	6.6	SR13	9/5/2017 9:45	27.75	76.8	5.28	6.8	SR13	9/5/2017 15:45	27.47	78.7	5.43	7.1	SR13	9/5/2017 21:45	27.53	78.2	5.40	4.8
SR13	9/5/2017 3:50	27.44	71.7	4.96	5.8	SR13	9/5/2017 9:50	27.75	76.8	5.29	5.8	SR13	9/5/2017 15:50	27.46	77.6	5.35	7.2	SR13	9/5/2017 21:50	27.49	78.5	5.42	5.4
SR13	9/5/2017 3:55	27.42	71.1	4.92	6.8	SR13	9/5/2017 9:55	27.72	78.0	5.35	6.4	SR13	9/5/2017 15:55	27.46	77.5	5.34	6.5	SR13	9/5/2017 21:55	27.48	78.0	5.39	5.1
SR13	9/5/2017 4:00	27.42	71.8	4.97	7.2	SR13	9/5/2017 10:00	27.70	73.2	5.04	6.5	SR13	9/5/2017 16:00	27.45	78.5	5.42	8.3	SR13	9/5/2017 22:00	27.49	77.7	5.36	4.9
SR13	9/5/2017 4:05	27.41	73.0	5.05	6.6	SR13	9/5/2017 10:05	27.68	75.6	5.21	8.9	SR13	9/5/2017 16:05	27.45	79.1	5.45	6.5	SR13	9/5/2017 22:05	27.51	77.0	5.32	6.5
SR13	9/5/2017 4:10	27.40	72.1	4.98	7.2	SR13	9/5/2017 10:10	27.64	75.6	5.21	7.4	SR13	9/5/2017 16:10	27.43	76.6	5.27	7.8	SR13	9/5/2017 22:10	27.53	78.4	5.42	6.3
SR13	9/5/2017 4:15	27.38	72.3	4.99	6.7	SR13	9/5/2017 10:15	27.62	76.9	5.30	8.3	SR13	9/5/2017 16:15	27.44	76.8	5.29	8.2	SR13	9/5/2017 22:15	27.54	77.2	5.33	4.6
SR13	9/5/2017 4:20	27.38	72.9	5.04	7.4	SR13	9/5/2017 10:20	27.63	77.4	5.33	6.1	SR13	9/5/2017 16:20	27.45	79.7	5.50	5.6	SR13	9/5/2017 22:20	27.57	77.2	5.33	6.0
SR13	9/5/2017 4:25	27.40	72.5	5.01	8.1	SR13	9/5/2017 10:25	27.64	78.7	5.42	8.3	SR13	9/5/2017 16:25	27.45	76.9	5.29	7.9	SR13	9/5/2017 22:25	27.54	78.1	5.39	4.2
SR13	9/5/2017 4:30	27.40	73.0	5.04	7.4	SR13	9/5/2017 10:30	27.65	77.7	5.36	7.1	SR13	9/5/2017 16:30	27.44	76.5	5.26	7.4	SR13	9/5/2017 22:30	27.53	77.2	5.33	6.3
SR13	9/5/2017 4:35	27.40	74.3	5.13	6.8	SR13	9/5/2017 10:35	27.65	77.1	5.31	5.9	SR13	9/5/2017 16:35	27.44	78.2	5.38	7.2	SR13	9/5/2017 22:35	27.53	77.4	5.34	5.0
SR13	9/5/2017 4:40	27.40	72.9	5.04	7.0	SR13	9/5/2017 10:40	27.65	78.3	5.39	5.7	SR13	9/5/2017 16:40	27.43	77.8	5.35	7.8	SR13	9/5/2017 22:40	27.52	77.1	5.33	5.0
SR13	9/5/2017 4:45	27.42	73.5	5.08	6.8	SR13	9/5/2017 10:45	27.65	76.1	5.25	6.6	SR13	9/5/2017 16:45	27.43	77.4	5.33	7.7	SR13	9/5/2017 22:45	27.53	77.2	5.33	5.3
SR13	9/5/2017 4:50	27.45	73.8	5.11	6.2	SR13	9/5/2017 10:50	27.62	80.2	5.53	5.5	SR13	9/5/2017 16:50	27.42	77.5	5.33	6.6	SR13	9/5/2017 22:50	27.56	78.4	5.42	6.1
SR13	9/5/2017 4:55	27.47	74.4	5.14	8.6	SR13	9/5/2017 10:55	27.60	77.0	5.32	8.3	SR13	9/5/2017 16:55	27.41	76.8	5.28	8.1	SR13	9/5/2017 22:55	27.53	79.6	5.49	5.8
SR13	9/5/2017 5:00	27.51	76.2	5.25	7.0	SR13	9/5/2017 11:00	27.59	75.4	5.21	7.0	SR13	9/5/2017 17:00	27.41	77.0	5.31	7.9	SR13	9/5/2017 23:00	27.52	77.4	5.34	6.2
SR13	9/5/2017 5:05	27.52	74.6	5.15	6.6	SR13	9/5/2017 11:05	27.58	77.4	5.34	7.1	SR13	9/5/2017 17:05	27.41	79.3	5.46	7.1	SR13	9/5/2017 23:05	27.51	76.3	5.27	4.9
SR13	9/5/2017 5:10	27.55	74.0	5.11	7.2	SR13	9/5/2017 11:10	27.58	77.5	5.35	6.0	SR13	9/5/2017 17:10	27.41	76.9	5.29	6.8	SR13	9/5/2017 23:10	27.50	76.2	5.27	5.6
SR13	9/5/2017 5:15	27.57	74.4	5.14	8.1	SR13	9/5/2017 11:15	27.57	77.1	5.32	6.8	SR13	9/5/2017 17:15	27.41	77.3	5.32	6.8	SR13	9/5/2017 23:15	27.51	75.8	5.23	5.5
SR13	9/5/2017 5:20	27.58	73.9	5.11	6.8	SR13	9/5/2017 11:20	27.56	77.6	5.35	6.8	SR13	9/5/2017 17:20	27.41	78.6	5.42	6.8	SR13	9/5/2017 23:20	27.52	76.6	5.29	4.7
SR13	9/5/2017 5:25	27.60	74.8	5.16	6.4	SR13	9/5/2017 11:25	27.56	75.3	5.19	5.7	SR13	9/5/2017 17:25	27.41	77.8	5.37	6.8	SR13	9/5/2017 23:25	27.50	76.5	5.29	4.7
SR13	9/5/2017 5:30	27.62	73.3	5.06	7.5	SR13	9/5/2017 11:30	27.56	76.6	5.29	6.5	SR13	9/5/2017 17:30	27.41	77.0	5.30	7.0	SR13	9/5/2017 23:30	27.48	76.3	5.27	5.4
SR13	9/5/2017 5:35	27.63	74.1	5.11	6.7	SR13	9/5/2017 11:35	27.56	77.1	5.32	5.8	SR13	9/5/2017 17:35	27.42	76.9	5.28	7.1	SR13	9/5/2017 23:35	27.47	76.9	5.32	5.6
SR13	9/5/2017 5:40	27.65	72.8	5.03	5.9	SR13	9/5/2017 11:40	27.55	75.2	5.19	5.5	SR13	9/5/2017 17:40	27.42	77.6	5.34	6.8	SR13	9/5/2017 23:40	27.46	76.4	5.27	6.9
SR13	9/5/2017 5:45	27.66	73.0	5.04	5.7	SR13	9/5/2017 11:45	27.55	76.2	5.25	8.4	SR13	9/5/2017 17:45	27.42	77.3	5.30	7.5	SR13	9/5/2017 23:45	27.48	76.2	5.27	5.6
SR13	9/5/2017 5:50	27.70	72.7	5.02	8.8	SR13	9/5/2017 11:50	27.55	76.6	5.28	6.1	SR13	9/5/2017 17:50	27.41	78.2	5.37	7.7	SR13	9/5/2017 23:50	27.51	75.0	5.18	6.8
SR13	9/5/2017 5:55	27.72	74.5	5.14	7.7	SR13	9/5/2017 11:55	27.55	76.7	5.29	6.0	SR13	9/5/2017 17:55	27.41	78.1	5.36	6.3	SR13	9/5/2017 23:55	27.52	76.0	5.25	7.0

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	9/5/2017 0:17	0.06				SR12	9/5/2017 0:17	0.04			
SR4	9/5/2017 0:37	0.05				SR12	9/5/2017 0:37	0.08			
SR4	9/5/2017 0:57	0.05				SR12	9/5/2017 0:57	0.07			
SR4	9/5/2017 1:17	0.05				SR12	9/5/2017 1:17	0.08			
SR4	9/5/2017 1:37	0.06				SR12	9/5/2017 1:37	0.07			
SR4	9/5/2017 1:57	0.03				SR12	9/5/2017 1:57	0.06			
SR4	9/5/2017 2:17	0.06				SR12	9/5/2017 2:17	0.08			
SR4	9/5/2017 2:37	0.05				SR12	9/5/2017 2:37	0.05			
SR4	9/5/2017 2:57	0.03				SR12	9/5/2017 2:57	0.08			
SR4	9/5/2017 3:17	0.03				SR12	9/5/2017 3:17	0.08			
SR4	9/5/2017 3:37	0.03				SR12	9/5/2017 3:37	0.05			
SR4	9/5/2017 3:57	0.04				SR12	9/5/2017 3:57	0.07			
SR4	9/5/2017 4:17	0.04				SR12	9/5/2017 4:17	0.07			
SR4	9/5/2017 4:37	0.05				SR12	9/5/2017 4:37	0.07			
SR4	9/5/2017 4:57	0.05				SR12	9/5/2017 4:57	0.05			
SR4	9/5/2017 5:17	0.03				SR12	9/5/2017 5:17	0.07			
SR4	9/5/2017 5:37	0.04				SR12	9/5/2017 5:37	0.06			
SR4	9/5/2017 5:57	0.03				SR12	9/5/2017 5:57	0.07			
SR4						SR12					
SR4	9/5/2017 6:37	0.04				SR12	9/5/2017 6:37	0.06			
SR4	9/5/2017 6:57	0.05				SR12	9/5/2017 6:57	0.06			
SR4	9/5/2017 7:17	0.03				SR12	9/5/2017 7:17	0.06			
SR4	9/5/2017 7:37	0.06				SR12	9/5/2017 7:37	0.04			
SR4	9/5/2017 7:57	0.05				SR12	9/5/2017 7:57	0.05			
SR4	9/5/2017 8:17	0.06				SR12	9/5/2017 8:17	0.06			
SR4	9/5/2017 8:37	0.05				SR12	9/5/2017 8:37	0.08			
SR4	9/5/2017 8:57	0.04				SR12	9/5/2017 8:57	0.05			
SR4	9/5/2017 9:17	0.06				SR12	9/5/2017 9:17	0.04			
SR4	9/5/2017 9:37	0.05				SR12	9/5/2017 9:37	0.06			
SR4	9/5/2017 9:57	0.05				SR12	9/5/2017 9:57	0.07			
SR4	9/5/2017 10:17	0.03				SR12	9/5/2017 10:17	0.08			
SR4	9/5/2017 10:37	0.05				SR12	9/5/2017 10:37	0.08			
SR4	9/5/2017 10:57	0.03				SR12	9/5/2017 10:57	0.08			
SR4	9/5/2017 11:17	0.06				SR12	9/5/2017 11:17	0.07			
SR4	9/5/2017 11:37	0.05				SR12	9/5/2017 11:37	0.05			
SR4	9/5/2017 11:57	0.06				SR12	9/5/2017 11:57	0.08			
SR4	9/5/2017 12:17	0.05				SR12	9/5/2017 12:17	0.07			
SR4	9/5/2017 12:37	0.08				SR12	9/5/2017 12:37	0.11			
SR4	9/5/2017 12:57	0.05				SR12	9/5/2017 12:57	0.10			
SR4	9/5/2017 13:17	0.08				SR12	9/5/2017 13:17	0.11			
SR4	9/5/2017 13:37	0.08				SR12	9/5/2017 13:37	0.12			
SR4	9/5/2017 13:57	0.04				SR12	9/5/2017 13:57	0.13			
SR4	9/5/2017 14:17	0.07				SR12	9/5/2017 14:17	0.11			
SR4	9/5/2017 14:37	0.04				SR12	9/5/2017 14:37	0.13			
SR4	9/5/2017 14:57	0.07				SR12	9/5/2017 14:57	0.14			
SR4	9/5/2017 15:17	0.08				SR12	9/5/2017 15:17	0.13			
SR4	9/5/2017 15:37	0.04				SR12	9/5/2017 15:37	0.14			
SR4	9/5/2017 15:57	0.07				SR12	9/5/2017 15:57	0.14			
SR4	9/5/2017 16:17	0.04				SR12	9/5/2017 16:17	0.08			
SR4	9/5/2017 16:37	0.05				SR12	9/5/2017 16:37	0.09			
SR4	9/5/2017 16:57	0.04				SR12	9/5/2017 16:57	0.14			
SR4	9/5/2017 17:17	0.04				SR12	9/5/2017 17:17	0.12			
SR4	9/5/2017 17:37	0.08				SR12	9/5/2017 17:37	0.14			
SR4	9/5/2017 17:57	0.06				SR12	9/5/2017 17:57	0.10			
SR4	9/5/2017 18:17	0.07				SR12	9/5/2017 18:17	0.14			
SR4	9/5/2017 18:37	0.05				SR12	9/5/2017 18:37	0.09			
SR4	9/5/2017 18:57	0.06				SR12	9/5/2017 18:57	0.11			
SR4	9/5/2017 19:17	0.07				SR12	9/5/2017 19:17	0.13			
SR4	9/5/2017 19:37	0.08				SR12	9/5/2017 19:37	0.13			
SR4	9/5/2017 19:57	0.04				SR12	9/5/2017 19:57	0.12			
SR4	9/5/2017 20:17	0.04				SR12	9/5/2017 20:17	0.08			
SR4	9/5/2017 20:37	0.07				SR12	9/5/2017 20:37	0.09			
SR4	9/5/2017 20:57	0.04				SR12	9/5/2017 20:57	0.09			
SR4	9/5/2017 21:17	0.04				SR12	9/5/2017 21:17	0.13			
SR4	9/5/2017 21:37	0.08				SR12	9/5/2017 21:37	0.08			
SR4	9/5/2017 21:57	0.04				SR12	9/5/2017 21:57	0.09			
SR4	9/5/2017 22:17	0.04				SR12	9/5/2017 22:17	0.08			
SR4	9/5/2017 22:37	0.06				SR12	9/5/2017 22:37	0.09			
SR4	9/5/2017 22:57	0.05				SR12	9/5/2017 22:57	0.12			
SR4	9/5/2017 23:17	0.04				SR12	9/5/2017 23:17	0.10			
SR4	9/5/2017 23:37	0.07				SR12	9/5/2017 23:37	0.13			
SR4	9/5/2017 23:57	0.04				SR12	9/5/2017 23:57	0.09			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.
SR5 monitoring station was under maintenance during 14:20-14:40.

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR4	9/6/2017 0:01	27.54	74.7	4.92	4.5	SR4	9/6/2017 6:01	27.59	75.5	4.96	5.0	SR4	9/6/2017 12:01	27.67	75.8	4.97	3.6	SR4	9/6/2017 18:01	28.06	76.2	4.98	4.9
SR4	9/6/2017 0:06	27.54	74.2	4.89	5.8	SR4	9/6/2017 6:06	27.59	74.7	4.91	4.6	SR4	9/6/2017 12:06	27.67	74.7	4.90	1.8	SR4	9/6/2017 18:06	28.05	76.0	4.97	4.5
SR4	9/6/2017 0:11	27.55	74.2	4.88	5.5	SR4	9/6/2017 6:11	27.61	75.4	4.95	2.9	SR4	9/6/2017 12:11	27.65	74.4	4.88	4.2	SR4	9/6/2017 18:11	28.04	76.4	4.99	3.0
SR4	9/6/2017 0:16	27.54	74.2	4.89	5.0	SR4	9/6/2017 6:16	27.62	75.3	4.95	6.9	SR4	9/6/2017 12:16	27.72	75.2	4.93	2.0	SR4	9/6/2017 18:16	28.03	76.2	4.98	5.0
SR4	9/6/2017 0:21	27.53	73.7	4.85	3.7	SR4	9/6/2017 6:21	27.61	75.3	4.94	7.1	SR4	9/6/2017 12:21	27.71	75.8	4.97	0.8	SR4	9/6/2017 18:21	28.04	76.4	4.99	6.7
SR4	9/6/2017 0:26	27.53	73.9	4.87	4.7	SR4	9/6/2017 6:26	27.54	75.1	4.94	3.6	SR4	9/6/2017 12:26	27.66	74.0	4.86	4.0	SR4	9/6/2017 18:26	28.05	76.6	5.00	1.8
SR4	9/6/2017 0:31	27.51	74.3	4.89	2.4	SR4	9/6/2017 6:31	27.54	75.0	4.93	3.1	SR4	9/6/2017 12:31	27.66	74.4	4.89	1.8	SR4	9/6/2017 18:31	28.05	76.1	4.97	4.9
SR4	9/6/2017 0:36	27.52	73.9	4.86	3.1	SR4	9/6/2017 6:36	27.60	75.5	4.96	3.2	SR4	9/6/2017 12:36	27.65	73.7	4.84	2.0	SR4	9/6/2017 18:36	28.05	76.1	4.97	5.1
SR4	9/6/2017 0:41	27.53	73.3	4.83	2.7	SR4	9/6/2017 6:41	27.61	76.4	5.02	4.2	SR4	9/6/2017 12:41	27.63	73.6	4.84	5.9	SR4	9/6/2017 18:41	28.06	75.9	4.96	2.4
SR4	9/6/2017 0:46	27.51	72.8	4.79	3.4	SR4	9/6/2017 6:46	27.59	75.5	4.96	1.2	SR4	9/6/2017 12:46	27.62	74.8	4.90	1.8	SR4	9/6/2017 18:46	28.05	76.4	4.99	5.3
SR4	9/6/2017 0:51	27.51	72.7	4.79	3.0	SR4	9/6/2017 6:51	27.57	75.4	4.96	4.5	SR4	9/6/2017 12:51	27.67	75.3	4.93	6.8	SR4	9/6/2017 18:51	28.05	76.4	4.99	6.2
SR4	9/6/2017 0:56	27.51	72.1	4.75	3.1	SR4	9/6/2017 6:56	27.58	75.4	4.95	4.5	SR4	9/6/2017 12:56	27.66	73.6	4.83	4.3	SR4	9/6/2017 18:56	28.05	76.3	4.99	5.7
SR4	9/6/2017 1:01	27.49	73.8	4.86	2.6	SR4	9/6/2017 7:01	27.58	75.0	4.92	5.9	SR4	9/6/2017 13:01	27.64	73.4	4.82	2.7	SR4	9/6/2017 19:01	28.06	76.1	4.98	4.1
SR4	9/6/2017 1:06	27.49	73.0	4.81	5.5	SR4	9/6/2017 7:06	27.58	77.1	5.06	2.6	SR4	9/6/2017 13:06	27.57	74.0	4.85	2.0	SR4	9/6/2017 19:06	28.05	76.8	5.02	3.7
SR4	9/6/2017 1:11	27.53	73.9	4.86	3.7	SR4	9/6/2017 7:11	27.52	75.6	4.96	6.6	SR4	9/6/2017 13:11	27.63	73.4	4.82	1.2	SR4	9/6/2017 19:11	28.06	76.4	4.99	5.5
SR4	9/6/2017 1:16	27.53	72.6	4.78	4.9	SR4	9/6/2017 7:16	27.57	76.3	5.01	1.4	SR4	9/6/2017 13:16	27.69	73.3	4.82	6.2	SR4	9/6/2017 19:16	28.06	76.9	5.03	4.0
SR4	9/6/2017 1:21	27.51	72.0	4.74	3.1	SR4	9/6/2017 7:21	27.56	74.8	4.91	4.1	SR4	9/6/2017 13:21	27.95	72.6	4.77	2.1	SR4	9/6/2017 19:21	28.05	78.1	5.10	5.1
SR4	9/6/2017 1:26	27.49	72.5	4.77	4.0	SR4	9/6/2017 7:26	27.58	75.5	4.96	5.9	SR4	9/6/2017 13:26	28.02	75.1	4.92	4.6	SR4	9/6/2017 19:26	28.05	77.2	5.04	4.2
SR4	9/6/2017 1:31	27.51	72.1	4.75	4.1	SR4	9/6/2017 7:31	27.60	76.7	5.04	4.9	SR4	9/6/2017 13:31	28.02	72.5	4.77	4.0	SR4	9/6/2017 19:31	28.04	77.4	5.05	1.5
SR4	9/6/2017 1:36	27.52	72.0	4.75	4.8	SR4	9/6/2017 7:36	27.60	77.5	5.09	3.4	SR4	9/6/2017 13:36	28.04	71.4	4.70	4.4	SR4	9/6/2017 19:36	28.04	76.6	5.01	4.6
SR4	9/6/2017 1:41	27.54	70.5	4.65	2.5	SR4	9/6/2017 7:41	27.52	76.6	5.03	4.4	SR4	9/6/2017 13:41	27.86	70.9	4.67	5.2	SR4	9/6/2017 19:41	28.03	77.4	5.06	2.1
SR4	9/6/2017 1:46	27.53	71.2	4.69	4.6	SR4	9/6/2017 7:46	27.51	77.3	5.08	1.8	SR4	9/6/2017 13:46	27.75	73.6	4.84	1.3	SR4	9/6/2017 19:46	28.02	78.0	5.09	5.2
SR4	9/6/2017 1:51	27.51	73.3	4.83	4.4	SR4	9/6/2017 7:51	27.52	74.9	4.93	3.7	SR4	9/6/2017 13:51	27.63	73.3	4.82	0.6	SR4	9/6/2017 19:51	28.00	78.7	5.14	2.1
SR4	9/6/2017 1:56	27.52	71.7	4.73	3.1	SR4	9/6/2017 7:56	27.55	74.0	4.87	4.8	SR4	9/6/2017 13:56	27.83	73.1	4.80	3.0	SR4	9/6/2017 19:56	28.00	78.6	5.13	5.2
SR4	9/6/2017 2:01	27.50	72.2	4.76	4.5	SR4	9/6/2017 8:01	27.61	74.9	4.93	4.4	SR4	9/6/2017 14:01	27.88	72.1	4.74	1.0	SR4	9/6/2017 20:01	28.00	82.2	5.38	2.5
SR4	9/6/2017 2:06	27.50	71.5	4.72	3.1	SR4	9/6/2017 8:06	27.60	76.4	5.03	0.9	SR4	9/6/2017 14:06	27.70	72.1	4.74	2.2	SR4	9/6/2017 20:06	28.02	79.9	5.22	4.2
SR4	9/6/2017 2:11	27.51	70.7	4.66	7.0	SR4	9/6/2017 8:11	27.56	76.0	4.99	1.4	SR4	9/6/2017 14:11	27.66	73.8	4.84	1.2	SR4	9/6/2017 20:11	28.02	78.0	5.10	2.4
SR4	9/6/2017 2:16	27.50	71.3	4.70	6.9	SR4	9/6/2017 8:16	27.56	76.3	5.02	4.3	SR4	9/6/2017 14:16	27.61	73.3	4.81	4.9	SR4	9/6/2017 20:16	28.03	75.3	4.93	4.3
SR4	9/6/2017 2:21	27.51	71.5	4.71	4.7	SR4	9/6/2017 8:21	27.55	76.2	5.01	2.0	SR4	9/6/2017 14:21	27.92	73.3	4.81	5.3	SR4	9/6/2017 20:21	27.98	76.8	5.03	5.7
SR4	9/6/2017 2:26	27.51	70.9	4.67	5.3	SR4	9/6/2017 8:26	27.54	78.5	5.15	5.8	SR4	9/6/2017 14:26	27.78	72.5	4.76	5.8	SR4	9/6/2017 20:26	27.94	76.9	5.03	2.4
SR4	9/6/2017 2:31	27.49	71.4	4.70	4.2	SR4	9/6/2017 8:31	27.54	75.7	4.98	1.2	SR4	9/6/2017 14:31	27.59	72.9	4.78	1.8	SR4	9/6/2017 20:31	27.96	78.2	5.11	1.9
SR4	9/6/2017 2:36	27.46	71.7	4.72	6.0	SR4	9/6/2017 8:36	27.54	74.9	4.93	4.1	SR4	9/6/2017 14:36	27.78	72.5	4.76	1.5	SR4	9/6/2017 20:36	27.95	80.3	5.26	6.3
SR4	9/6/2017 2:41	27.47	72.4	4.77	4.0	SR4	9/6/2017 8:41	27.54	74.6	4.91	2.9	SR4	9/6/2017 14:41	27.78	71.8	4.72	0.8	SR4	9/6/2017 20:41	27.91	80.1	5.24	1.5
SR4	9/6/2017 2:46	27.46	72.8	4.80	6.6	SR4	9/6/2017 8:46	27.56	74.3	4.89	1.5	SR4	9/6/2017 14:46	27.69	72.9	4.79	1.8	SR4	9/6/2017 20:46	27.94	79.7	5.22	1.9
SR4	9/6/2017 2:51	27.45	72.4	4.77	6.3	SR4	9/6/2017 8:51	27.55	74.5	4.90	3.5	SR4	9/6/2017 14:51	27.71	72.9	4.79	0.6	SR4	9/6/2017 20:51	27.87	78.2	5.12	1.3
SR4	9/6/2017 2:56	27.46	71.3	4.70	4.9	SR4	9/6/2017 8:56	27.55	77.0	5.07	5.1	SR4	9/6/2017 14:56	27.79	72.6	4.78	4.9	SR4	9/6/2017 20:56	27.90	80.0	5.24	1.0
SR4	9/6/2017 3:01	27.46	70.6	4.65	3.4	SR4	9/6/2017 9:01	27.55	74.8	4.92	2.0	SR4	9/6/2017 15:01	27.78	72.2	4.75	3.1	SR4	9/6/2017 21:01	27.88	79.5	5.21	1.6
SR4	9/6/2017 3:06	27.46	71.4	4.71	5.4	SR4	9/6/2017 9:06	27.54	76.3	5.02	5.5	SR4	9/6/2017 15:06	27.77	72.2	4.75	6.5	SR4	9/6/2017 21:06	27.87	79.8	5.22	1.6
SR4	9/6/2017 3:11	27.46	70.9	4.68	5.6	SR4	9/6/2017 9:11	27.52	74.3	4.89	6.1	SR4	9/6/2017 15:11	27.76	71.7	4.72	2.5	SR4	9/6/2017 21:11	27.85	79.0	5.17	3.4
SR4	9/6/2017 3:16	27.46	71.3	4.70	4.7	SR4	9/6/2017 9:16	27.52	76.2	5.01	2.8	SR4	9/6/2017 15:16	27.74	72.1	4.74	3.0	SR4	9/6/2017 21:16	27.85	79.2	5.18	1.1
SR4	9/6/2017 3:21	27.45	72.6	4.79	4.3	SR4	9/6/2017 9:21	27.50	74.5	4.90	1.7	SR4	9/6/2017 15:21	27.79	73.6	4.85	3.1	SR4	9/6/2017 21:21	27.85	78.3	5.13	3.0
SR4	9/6/2017 3:26	27.46	70.9	4.67	5.8	SR4	9/6/2017 9:26	27.51	74.3	4.89	5.0	SR4	9/6/2017 15:26	27.83	71.8	4.73	0.9	SR4	9/6/2017 21:26	27.84	78.9	5.17	4.5
SR4	9/6/2017 3:31	27.46	71.6	4.72	6.4	SR4	9/6/2017 9:31	27.52	74.7	4.91	1.0	SR4	9/6/2017 15:31	27.80	72.3	4.76	1.6	SR4	9/6/2017 21:31	27.83	77.7	5.09	4.3
SR4	9/6/2017 3:36	27.46	70.8	4.67	6.8	SR4	9/6/2017 9:36	27.52	77.2	5.08	2.3	SR4	9/6/2017 15:36	27.81	72.2	4.75	3.7	SR4	9/6/2017 21:36	27.84	78.5	5.14	3.8
SR4	9/6/2017 3:41	27.45	69.8	4.61	4.1	SR4	9/6/2017 9:41	27.57	76.1	5.00	4.9	SR4	9/6/2017 15:41	27.81	74.0	4.87	3.2	SR4	9/6/2017 21:41	27.84	78.2	5.12	3.8
SR4	9/6/2017 3:46	27.44	70.8	4.67	3.0	SR4	9/6/2017 9:46	27.55	75.5	4.96	6.0	SR4	9/6/2017 15:46	27.80	73.4	4.83	3.1	SR4	9/6/2017 21:46	27.87	78.5	5.14	5.4
SR4	9/6/2017 3:51	27.41	72.1	4.76	3.6	SR4	9/6/2017 9:51	27.60	74.4	4.89	4.2	SR4	9/6/2017 15:51	27.79	73.1	4.81	4.5	SR4	9/6/2017 21:51	27.86	77.3	5.06	1.4
SR4	9/6/2017 3:56	27.41	70.4	4.64	6.1	SR4	9/6/2017 9:56	27.60	75.6	4.97	1.9	SR4	9/6/2017 15:56	27.81	72.3	4.76	1.8	SR4	9/6/2017 21:56	27.86	77.6	5.09	3.3
SR4	9/6/2017 4:01	27.41	72.5	4.78	6.5	SR4	9/6/2017 10:01	27.67	75.0	4.94	1.6	SR4	9/6/2017 16:01	27.82	71.1	4.68	2.0	SR4	9/6/2017 22:01	27.84	77.4	5.07	6.3
SR4	9/6/2017 4:06	27.42	70.7	4.66	4.8	SR4	9/6/2017 10:06	27.70	75.4	4.96	4.0	SR4	9/6/2017 16:06	27.83	72.2	4.75	6.3	SR4	9/6/2017 22:06	27.83	76.9	5.04	2.0
SR4	9/6/2017 4:11	27.43	70.6	4.65	3.3	SR4	9/6/2017 10:11	27.76	76.2	5.01	5.0	SR4	9/6/2017 16:11	27.86	73.8	4.85	3.4	SR4	9/6/2017 22:11	27.83	76.6	5.02	2.9
SR4	9/6/2017 4:16	27.44	70.9	4.68	3.2	SR4	9/6/2017 10:16	27.67	76.1	5.01	3.2	SR4	9/6/2017 16:16	27.88	73.0	4.80	6.0	SR4	9/6/2017 22:16	27.83	75.2	4.93	5.7
SR4	9/6/2017 4:21	27.45	71.5	4.72	5.1	SR4	9/6/2017 10:21	27.81	75.1	4.94	2.2	SR4	9/6/2017 16:21	27.91	72.8	4.78	5.3	SR4	9/6/2017 22:21	27.85	77.4	5.08	2.4
SR4	9/6/2017 4:26	27.46	70.6	4.66	4.5	SR4	9/6/2017 10:26	27.75	75.7	4.98	3.9	SR4	9/6/2017 16:26	27.91	73.2	4.81	4.6	SR4	9/6/2017 22:26	27.85	75.5	4.95	5.5
SR4	9/6/2017 4:31	27.47	71.0	4.69	4.3	SR4	9/6/2017 10:31	27.73	75.0	4.93	6.0	SR4	9/6/2017 16:31	27.92	73.5	4.82	2.8	SR4	9/6/2017 22:31	27.85	76.5	5.02	4.1
SR4	9/6/2017 4:36	27.47	71.9	4.74	6.5	SR4	9/6/2017 10:36	27.70	74.5	4.90	4.9	SR4	9/6/2017 16:36	27.93	73.3	4.82	5.7	SR4	9/6/2017 22:36	27.84	76.5	5.02	3.2
SR4	9/6/2017 4:41	27.48	71.8	4.74	6.6	SR4	9/6/2017 10:41	27.72	74.1	4.87	1.0	SR4	9/6/2017 16:41	27.96	73.6	4.83	1.1	SR4	9/6/2017 22:41	27.84	73.6	4.83	5.2
SR4	9/6/2017 4:46	27.48	72.0	4.75	6.5	SR4	9/6/2017 10:46	27.70	76.2	5.01	0.7	SR4	9/6/2017 16:46	27.97	74.1	4.86	5.0	SR4	9/6/2017 22:46	27.83	74.1	4.86	1.8
SR4	9/6/2017 4:51	27.50	72.7	4.79	6.9	SR4	9/6/2017 10:51	27.70	77.1	5.07	3.6	SR4	9/6/2017 16:51	27.99	74.5	4.88	1.8	SR4	9/6/2017 22:51	27.84	74.7	4.90	1.2
SR4	9/6/2017 4:56	27.51	73.4	4.84	4.8	SR4	9/6/2017 10:56	27.67	74.8	4.92	4.7	SR4	9/6/2017 16:56	28.01	75.2	4.92	2.2	SR4	9/6/2017 22:56	27.82	75.4	4.94	1.1
SR4	9/6/2017 5:01	27.52	73.6	4.85	5.5	SR4	9/6/2017 11:01	27.63	75.1	4.94	4.4	SR4	9/6/2017 17:01	28.02	75.2	4.92	0.7	SR4	9/6/2017 23:01	27.81	74.5	4.88	6.0
SR4	9/6/2017 5:06	27.53	73.6	4.85	4.8	SR4	9/6/2017 11:06	27.60	75.4	4.96	3.7	SR4	9/6/2017 17:06	28.02	75.3	4.93	2.0	SR4	9/6/2017 23:06	27.81	74.0	4.86	4.6
SR4	9/6/2017 5:11	27.54	73.7	4.85	4.7	SR4	9/6/2017 11:11	27.58	76.1	5.01	4.8	SR4	9/6/2017 17:11	28.03	75.3	4.93	4.5	SR4	9/6/2017 23:11	27.80	75.5	4.96	3.4
SR4	9/6/2017 5:16	27.54	74.1	4.87	5.5	SR4	9/6/2017 11:16	27.57	76.7	5.04	2.4	SR4	9/6/2017 17:16	28.05	75.4	4.93	6.4	SR4	9/6/2017 23:16	27.79	74.5	4.89	3.1
SR4	9/6/2017 5:21	27.55	74.2	4.88	4.5	SR4	9/6/2017 11:21	27.60	74.6	4.91	1.5	SR4	9/6/2017 17:21	28.05	76.0	4.97	1.1	SR4	9/6/2017 23:21	27.79	75.6	4.96	6.3
SR4	9/6/2017 5:26	27.57	74.2	4.88	3.7	SR4	9/6/2017 11:26	27.61	73.6	4.84	1.8	SR4	9/6/2017 17:26	28.06	75.9	4.97	5.1	SR4	9/6/2017 23:26	27.80	74.0	4.86	3.0
SR4	9/6/2017 5:31	27.58	74.2	4.88	3.4	SR4	9/6/2017 11:31	27.61	73.4	4.83	5.3	SR4	9/6/2017 17:31	28.06	76.9	5.03	4.3	SR4	9/6/2017 23:31	27.79	73.7	4.84	5.1
SR4	9/6/2017 5:36	27.58	74.2	4.88	4.1	SR4	9/6/2017 11:36	27.61	75.1	4.94	5.0	SR4	9/6/2017 17:36	28.06	76.5	5.00	1.2	SR4	9/6/2017 23:36	27.79	73.3	4.81	6.5
SR4	9/6/2017 5:41	27.58	74.3	4.88	5.3	SR4	9/6/2017 11:41	27.62	73.6	4.83	4.9	SR4	9/6/2017 17:41	28.05	76.4	4.99	6.0	SR4	9/6/2017 23:41	27.77	73.6	4.83	5.4
SR4	9/6/2017 5:46	27.58	74.3	4.89	6.7	SR4	9/6/2017 11:46	27.65	74.5	4.88	1.6	SR4	9/6/2017 17:46	28.05	76.2	4.98	3.6	SR4	9/6/2017 23:46	27.77	72.9	4.79	7.8
SR4	9/6/2017 5:51	27.59	74.3	4.89	6.1	SR4	9/6/2017 11:51	27.61	75.2	4.94	6.0	SR4	9/6/2017 17:51	28.05	75.9	4.96	0.9	SR4	9/6/2017 23:51	27.76	73.9	4.85	7.1
SR4	9/6/2017 5:56	27.59	74.4	4.89	5.5	SR4	9/6/2017 11:56	27.63	74.8	4.92	2.7	SR4	9/6/2017 17:56	28.06	76.2	4.98	5.3	SR4	9/6/2017 23:56	27.77	73.5	4.82	4.1

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR5	9/6/2017 0:00	27.63	80.1	5.55	8.7	SR5	9/6/2017 6:00	27.80	87.0	6.05	8.7	SR5	9/6/2017 12:00	27.92	79.8	5.55	8.2	SR5	9/6/2017 18:00	27.69	77.0	5.64	8.1
SR5	9/6/2017 0:05	27.61	79.9	5.54	7.8	SR5	9/6/2017 6:05	27.76	86.6	6.02	7.5	SR5	9/6/2017 12:05	28.03	79.5	5.54	8.6	SR5	9/6/2017 18:05	27.74	76.9	5.64	7.2
SR5	9/6/2017 0:10	27.57	80.0	5.54	8.1	SR5	9/6/2017 6:10	27.85	87.8	6.10	8.0	SR5	9/6/2017 12:10	28.02	79.4	5.53	7.3	SR5	9/6/2017 18:10	27.73	76.2	5.59	7.3
SR5	9/6/2017 0:15	27.80	80.2	5.56	7.5	SR5	9/6/2017 6:15	27.86	88.7	6.16	7.2	SR5	9/6/2017 12:15	27.91	79.8	5.56	7.5	SR5	9/6/2017 18:15	27.71	75.9	5.58	8.7
SR5	9/6/2017 0:20	27.74	79.9	5.54	8.6	SR5	9/6/2017 6:20	27.91	89.7	6.22	8.2	SR5	9/6/2017 12:20	27.99	80.1	5.57	7.5	SR5	9/6/2017 18:20	27.82	75.4	5.54	8.4
SR5	9/6/2017 0:25	27.85	80.1	5.55	7.8	SR5	9/6/2017 6:25	27.87	90.6	6.30	8.2	SR5	9/6/2017 12:25	27.86	78.9	5.50	7.7	SR5	9/6/2017 18:25	27.65	76.5	5.33	8.7
SR5	9/6/2017 0:30	27.75	80.6	5.58	7.2	SR5	9/6/2017 6:30	27.98	90.3	6.26	7.7	SR5	9/6/2017 12:30	27.88	78.9	5.50	7.4	SR5	9/6/2017 18:30	27.71	76.2	5.32	8.2
SR5	9/6/2017 0:35	27.73	80.5	5.57	7.8	SR5	9/6/2017 6:35	28.02	90.2	6.25	8.8	SR5	9/6/2017 12:35	27.93	78.4	5.46	7.3	SR5	9/6/2017 18:35	27.68	76.0	5.30	8.1
SR5	9/6/2017 0:40	27.83	80.1	5.55	8.5	SR5	9/6/2017 6:40	27.98	90.6	6.29	8.1	SR5	9/6/2017 12:40	28.01	78.3	5.46	8.4	SR5	9/6/2017 18:40	27.72	75.6	5.28	8.5
SR5	9/6/2017 0:45	27.74	79.8	5.53	8.3	SR5	9/6/2017 6:45	28.05	90.2	6.26	8.7	SR5	9/6/2017 12:45	27.95	79.1	5.50	7.9	SR5	9/6/2017 18:45	27.67	75.8	5.28	7.6
SR5	9/6/2017 0:50	27.70	80.0	5.54	7.3	SR5	9/6/2017 6:50	27.91	90.2	6.27	8.7	SR5	9/6/2017 12:50	28.01	79.1	5.50	8.8	SR5	9/6/2017 18:50	27.67	75.6	5.26	8.6
SR5	9/6/2017 0:55	27.75	79.7	5.53	7.8	SR5	9/6/2017 6:55	28.04	89.7	6.23	7.7	SR5	9/6/2017 12:55	27.93	77.9	5.43	8.4	SR5	9/6/2017 18:55	27.65	75.4	5.25	7.9
SR5	9/6/2017 1:00	27.74	80.5	5.59	7.6	SR5	9/6/2017 7:00	27.94	89.4	6.21	7.7	SR5	9/6/2017 13:00	27.98	77.6	5.41	8.0	SR5	9/6/2017 19:00	27.83	75.2	5.24	8.6
SR5	9/6/2017 1:05	27.75	80.3	5.58	7.8	SR5	9/6/2017 7:05	28.06	90.1	6.26	8.4	SR5	9/6/2017 13:05	27.86	78.3	5.46	7.8	SR5	9/6/2017 19:05	27.83	75.6	5.26	8.5
SR5	9/6/2017 1:10	27.87	81.1	5.62	7.2	SR5	9/6/2017 7:10	28.03	88.4	6.14	8.6	SR5	9/6/2017 13:10	28.00	77.8	5.42	8.6	SR5	9/6/2017 19:10	27.75	75.3	5.24	8.2
SR5	9/6/2017 1:15	27.72	80.0	5.55	7.3	SR5	9/6/2017 7:15	28.14	88.1	6.13	7.8	SR5	9/6/2017 13:15	27.95	77.3	5.39	7.3	SR5	9/6/2017 19:15	27.68	75.6	5.26	7.8
SR5	9/6/2017 1:20	27.74	79.7	5.52	7.9	SR5	9/6/2017 7:20	27.98	87.1	6.06	8.6	SR5	9/6/2017 13:20	27.98	76.5	5.33	7.3	SR5	9/6/2017 19:20	27.74	76.0	5.28	7.3
SR5	9/6/2017 1:25	27.70	79.6	5.51	8.7	SR5	9/6/2017 7:25	28.03	87.3	6.07	8.2	SR5	9/6/2017 13:25	27.95	78.3	5.44	8.4	SR5	9/6/2017 19:25	27.70	75.2	5.22	8.8
SR5	9/6/2017 1:30	27.67	80.3	5.55	8.1	SR5	9/6/2017 7:30	28.20	87.1	6.06	7.3	SR5	9/6/2017 13:30	27.88	77.1	5.37	8.3	SR5	9/6/2017 19:30	27.75	75.4	5.23	7.9
SR5	9/6/2017 1:35	27.62	80.3	5.55	7.3	SR5	9/6/2017 7:35	28.03	87.4	6.08	7.1	SR5	9/6/2017 13:35	27.90	76.3	5.33	7.9	SR5	9/6/2017 19:35	27.90	75.0	5.21	7.7
SR5	9/6/2017 1:40	27.78	80.2	5.55	7.4	SR5	9/6/2017 7:40	28.15	86.3	6.01	7.9	SR5	9/6/2017 13:40	28.01	75.6	5.28	7.1	SR5	9/6/2017 19:40	27.89	75.4	5.24	8.0
SR5	9/6/2017 1:45	27.74	80.3	5.56	8.6	SR5	9/6/2017 7:45	28.14	85.6	5.96	7.8	SR5	9/6/2017 13:45	28.00	76.5	5.33	7.1	SR5	9/6/2017 19:45	27.76	76.1	5.27	7.2
SR5	9/6/2017 1:50	27.76	81.7	5.65	7.3	SR5	9/6/2017 7:50	28.20	83.4	5.82	7.9	SR5	9/6/2017 13:50	27.86	76.0	5.30	8.9	SR5	9/6/2017 19:50	27.90	77.0	5.34	7.7
SR5	9/6/2017 1:55	27.62	81.8	5.67	7.9	SR5	9/6/2017 7:55	28.12	82.2	5.74	8.2	SR5	9/6/2017 13:55	27.82	76.0	5.29	7.7	SR5	9/6/2017 19:55	27.96	78.3	5.43	7.8
SR5	9/6/2017 2:00	27.75	83.4	5.78	8.8	SR5	9/6/2017 8:00	28.11	81.4	5.68	7.2	SR5	9/6/2017 14:00	27.88	76.0	5.31	7.2	SR5	9/6/2017 20:00	27.91	81.0	5.62	8.0
SR5	9/6/2017 2:05	27.63	84.2	5.85	8.5	SR5	9/6/2017 8:05	28.09	81.2	5.66	8.8	SR5	9/6/2017 14:05	27.95	76.0	5.31	7.9	SR5	9/6/2017 20:05	27.94	79.2	5.49	8.9
SR5	9/6/2017 2:10	27.61	84.4	5.85	8.7	SR5	9/6/2017 8:10	28.24	81.3	5.66	7.8	SR5	9/6/2017 14:10	27.89	76.9	5.35	8.4	SR5	9/6/2017 20:10	27.92	77.2	5.37	7.8
SR5	9/6/2017 2:15	27.75	84.9	5.89	7.6	SR5	9/6/2017 8:15	28.05	82.3	5.74	8.3	SR5	9/6/2017 14:15	27.83	76.7	5.35	8.4	SR5	9/6/2017 20:15	28.01	75.5	5.26	7.3
SR5	9/6/2017 2:20	27.63	85.6	5.94	8.1	SR5	9/6/2017 8:20	28.21	82.4	5.74	8.6	SR5	9/6/2017 14:20	27.83	77.0	5.37	8.6	SR5	9/6/2017 20:20	27.99	76.0	5.30	7.8
SR5	9/6/2017 2:25	27.63	85.4	5.92	7.7	SR5	9/6/2017 8:25	28.04	83.5	5.81	8.6	SR5	9/6/2017 14:25	27.90	76.5	5.33	7.2	SR5	9/6/2017 20:25	27.83	76.1	5.31	8.3
SR5	9/6/2017 2:30	27.78	86.2	5.98	8.1	SR5	9/6/2017 8:30	28.22	82.9	5.78	8.8	SR5	9/6/2017 14:30	27.87	76.4	5.32	8.2	SR5	9/6/2017 20:30	27.92	77.7	5.41	8.8
SR5	9/6/2017 2:35	27.84	86.6	6.02	8.2	SR5	9/6/2017 8:35	28.11	84.3	5.88	7.9	SR5	9/6/2017 14:35	27.97	75.9	5.29	8.1	SR5	9/6/2017 20:35	27.90	80.4	5.61	7.9
SR5	9/6/2017 2:40	27.79	87.3	6.07	8.6	SR5	9/6/2017 8:40	28.07	85.8	5.99	7.7	SR5	9/6/2017 14:40	27.95	75.4	5.26	7.6	SR5	9/6/2017 20:40	27.99	81.2	5.66	8.8
SR5	9/6/2017 2:45	27.81	87.4	6.07	7.3	SR5	9/6/2017 8:45	28.09	87.0	6.07	7.2	SR5	9/6/2017 14:45	27.98	75.9	5.29	8.0	SR5	9/6/2017 20:45	27.88	81.4	5.68	8.4
SR5	9/6/2017 2:50	27.82	87.1	6.05	7.3	SR5	9/6/2017 8:50	28.21	88.4	6.18	7.3	SR5	9/6/2017 14:50	27.98	75.4	5.25	8.3	SR5	9/6/2017 20:50	27.99	80.7	5.63	8.0
SR5	9/6/2017 2:55	27.80	86.3	6.00	7.1	SR5	9/6/2017 8:55	28.24	85.2	5.97	7.1	SR5	9/6/2017 14:55	27.90	74.9	5.22	7.2	SR5	9/6/2017 20:55	27.91	81.5	5.69	8.7
SR5	9/6/2017 3:00	27.75	86.0	5.98	8.5	SR5	9/6/2017 9:00	28.06	82.4	5.78	7.9	SR5	9/6/2017 15:00	27.92	74.1	5.52	8.4	SR5	9/6/2017 21:00	28.00	81.2	5.67	8.5
SR5	9/6/2017 3:05	27.72	86.7	6.04	7.2	SR5	9/6/2017 9:05	28.04	82.2	5.77	8.8	SR5	9/6/2017 15:05	27.94	73.8	5.49	8.3	SR5	9/6/2017 21:05	27.97	81.0	5.64	8.8
SR5	9/6/2017 3:10	27.78	86.8	6.05	8.2	SR5	9/6/2017 9:10	28.06	79.8	5.61	7.6	SR5	9/6/2017 15:10	27.96	73.1	5.44	7.3	SR5	9/6/2017 21:10	27.95	80.3	5.60	7.8
SR5	9/6/2017 3:15	27.69	88.1	6.13	8.6	SR5	9/6/2017 9:15	28.05	80.5	5.66	7.4	SR5	9/6/2017 15:15	27.82	73.5	5.47	8.5	SR5	9/6/2017 21:15	27.99	79.9	5.57	7.7
SR5	9/6/2017 3:20	27.73	89.5	6.23	8.2	SR5	9/6/2017 9:20	28.08	79.9	5.62	8.9	SR5	9/6/2017 15:20	27.86	74.9	5.22	7.3	SR5	9/6/2017 21:20	28.05	79.3	5.53	8.0
SR5	9/6/2017 3:25	27.69	89.2	6.21	7.7	SR5	9/6/2017 9:25	28.20	80.1	5.63	7.4	SR5	9/6/2017 15:25	27.81	74.1	5.52	8.8	SR5	9/6/2017 21:25	28.05	79.4	5.54	8.3
SR5	9/6/2017 3:30	27.78	89.6	6.24	8.6	SR5	9/6/2017 9:30	28.11	80.6	5.66	7.4	SR5	9/6/2017 15:30	27.81	74.0	5.51	7.2	SR5	9/6/2017 21:30	27.92	78.7	5.49	7.3
SR5	9/6/2017 3:35	27.88	89.0	6.20	8.5	SR5	9/6/2017 9:35	28.06	81.9	5.75	7.3	SR5	9/6/2017 15:35	27.95	73.6	5.49	7.3	SR5	9/6/2017 21:35	27.98	78.9	5.50	7.8
SR5	9/6/2017 3:40	27.93	88.3	6.16	7.1	SR5	9/6/2017 9:40	28.18	81.3	5.70	8.0	SR5	9/6/2017 15:40	27.79	74.2	5.52	8.8	SR5	9/6/2017 21:40	28.05	78.6	5.48	8.2
SR5	9/6/2017 3:45	28.04	88.5	6.17	8.6	SR5	9/6/2017 9:45	28.13	81.4	5.71	8.8	SR5	9/6/2017 15:45	27.79	73.8	5.50	8.2	SR5	9/6/2017 21:45	28.01	79.0	5.51	8.2
SR5	9/6/2017 3:50	28.10	89.5	6.25	8.1	SR5	9/6/2017 9:50	28.17	80.5	5.64	8.6	SR5	9/6/2017 15:50	27.85	73.9	5.51	7.4	SR5	9/6/2017 21:50	27.96	78.8	5.50	7.6
SR5	9/6/2017 3:55	28.02	89.2	6.23	8.4	SR5	9/6/2017 9:55	28.24	80.9	5.67	7.2	SR5	9/6/2017 15:55	27.92	73.6	5.49	7.7	SR5	9/6/2017 21:55	27.89	79.1	5.53	8.9
SR5	9/6/2017 4:00	27.80	90.5	6.31	8.5	SR5	9/6/2017 10:00	28.19	80.4	5.63	7.2	SR5	9/6/2017 16:00	27.79	72.8	5.42	7.4	SR5	9/6/2017 22:00	28.09	79.2	5.53	8.3
SR5	9/6/2017 4:05	27.69	90.1	6.28	8.3	SR5	9/6/2017 10:05	28.03	80.6	5.65	7.5	SR5	9/6/2017 16:05	27.87	73.2	5.45	8.1	SR5	9/6/2017 22:05	27.99	79.2	5.54	8.0
SR5	9/6/2017 4:10	27.96	90.1	6.28	8.0	SR5	9/6/2017 10:10	28.08	80.8	5.65	8.0	SR5	9/6/2017 16:10	27.76	73.8	5.49	8.2	SR5	9/6/2017 22:10	27.90	79.0	5.53	8.7
SR5	9/6/2017 4:15	28.00	89.7	6.24	7.6	SR5	9/6/2017 10:15	28.06	80.7	5.66	8.2	SR5	9/6/2017 16:15	27.91	73.5	5.47	7.4	SR5	9/6/2017 22:15	28.03	78.0	5.46	5.5
SR5	9/6/2017 4:20	27.69	90.2	6.28	7.4	SR5	9/6/2017 10:20	28.18	80.5	5.64	8.2	SR5	9/6/2017 16:20	27.76	73.5	5.47	7.5	SR5	9/6/2017 22:20	27.92	79.2	5.54	6.7
SR5	9/6/2017 4:25	27.81	89.4	6.22	8.6	SR5	9/6/2017 10:25	28.05	80.8	5.67	8.3	SR5	9/6/2017 16:25	27.87	74.9	5.21	8.0	SR5	9/6/2017 22:25	27.84	77.9	5.45	7.7
SR5	9/6/2017 4:30	27.78	88.5	6.15	7.9	SR5	9/6/2017 10:30	28.12	81.2	5.70	8.8	SR5	9/6/2017 16:30	27.82	75.0	5.22	7.7	SR5	9/6/2017 22:30	27.97	78.5	5.49	7.4
SR5	9/6/2017 4:35	27.81	87.9	6.11	8.5	SR5	9/6/2017 10:35	28.10	80.9	5.67	7.8	SR5	9/6/2017 16:35	27.83	75.2	5.24	8.5	SR5	9/6/2017 22:35	27.90	78.3	5.47	5.8
SR5	9/6/2017 4:40	27.75	86.9	6.05	7.7	SR5	9/6/2017 10:40	27.97	80.5	5.64	8.8	SR5	9/6/2017 16:40	27.82	75.6	5.27	7.4	SR5	9/6/2017 22:40	27.95	76.9	5.39	8.7
SR5	9/6/2017 4:45	27.57	86.8	6.03	7.7	SR5	9/6/2017 10:45	28.07	81.1	5.67	7.5	SR5	9/6/2017 16:45	27.74	75.6	5.26	7.9	SR5	9/6/2017 22:45	27.99	76.9	5.37	6.2
SR5	9/6/2017 4:50	27.83	88.6	6.16	8.8	SR5	9/6/2017 10:50	28.05	81.2	5.67	8.1	SR5	9/6/2017 16:50	27.82	75.6	5.26	7.8	SR5	9/6/2017 22:50	27.87	77.0	5.38	6.3
SR5	9/6/2017 4:55	27.84	88.9	6.18	8.5	SR5	9/6/2017 10:55	27.94	79.9	5.59	8.7	SR5	9/6/2017 16:55	27.88	76.3	5.30	7.1	SR5	9/6/2017 22:55	27.99	77.5	5.41	6.8
SR5	9/6/2017 5:00	27.69	88.0	6.11	7.2	SR5	9/6/2017 11:00	28.04	80.1	5.60	8.7	SR5	9/6/2017 17:00	27.88	76.1	5.28	8.3	SR5	9/6/2017 23:00	27.86	77.4	5.41	5.3
SR5	9/6/2017 5:05	27.85	87.7	6.10	8.1	SR5	9/6/2017 11:05	28.00	80.8	5.64	8.5	SR5	9/6/2017 17:05	27.74	76.1	5.29	8.3	SR5	9/6/2017 23:05	27.83	78.1	5.47	5.3
SR5	9/6/2017 5:10	27.81	88.3	6.13	8.2	SR5	9/6/2017 11:10	28.01	81.3	5.67	8.6	SR5	9/6/2017 17:10	27.71	75.8	5.26	8.2	SR5	9/6/2017 23:10	28.00	79.2	5.53	6.9
SR5	9/6/2017 5:15	27.80	88.6	6.14	7.7	SR5	9/6/2017 11:15	27.93	81.2	5.66	7.9	SR5	9/6/2017 17:15	27.82	75.7	5.26	7.7	SR5	9/6/2017 23:15	27.84	78.5	5.48	8.1
SR5	9/6/2017 5:20	27.71	87.4	6.07	7.1	SR5	9/6/2017 11:20	27.97	79.9	5.57	7.6	SR5	9/6/2017 17:20	27.73	75.7	5.26	7.8	SR5	9/6/2017 23:20	27.91	78.9	5.51	6.3
SR5	9/6/2017 5:25	27.83	86.3	5.99	7.2	SR5	9/6/2017 11:25	27.93	79.1	5.52	8.7	SR5	9/6/2017 17:25	27.72	75.4	5.24	7.8	SR5	9/6/2017 23:25	27.82	77.9	5.44	6.0
SR5	9/6/2017 5:30	27.74	85.8	5.95	8.9	SR5	9/6/2017 11:30	27.96	78.6	5.49	7.4	SR5	9/6/2017 17:30	27.81	75.5	5.24	7.4	SR5	9/6/2017 23:30	27.83	78.8	5.50	8.0
SR5	9/6/2017 5:35	27.82	85.6	5.94	7.3	SR5	9/6/2017 11:35	27.96	79.3	5.52	7.6	SR5	9/6/2017 17:35	27.76	77.0	5.66	8.4	SR5	9/6/2017 23:35	27.86	78.5	5.48	8.5
SR5	9/6/2017 5:40	27.89	85.9	5.96	7.7	SR5	9/6/2017 11:40	27.89	78.3	5.46	8.3	SR5	9/6/2017 17:40	27.83	77.5	5.70	8.7	SR5	9/6/2017 23:40	27.97	78.0	5.44	5.5
SR5	9/6/2017 5:45	27.91	86.0	5.98	7.4	SR5	9/6/2017 11:45	28.03	78.7	5.47	7.5	SR5	9/6/2017 17:45	27.78	77.0	5.66	8.8	SR5	9/6/2017 23:45	27.95	76.9	5.36	5.2
SR5	9/6/2017 5:50	27.95	86.4	6.00	8.4	SR5	9/6/2017 11:50	27.87	79.3	5.52	8.8	SR5	9/6/2017 17:50	27.85	76.7	5.63	8.0	SR5	9/6/2017 23:50	28.02	77.1	5.37	7.8
SR5	9/6/2017 5:55	27.85	86.7	6.02	7.6	SR5	9/6/2017 11:55	27.93	79.2	5.52	7.6	SR5	9/6/2017 17:55	27.85	77.4	5.68	7.5	SR5	9/6/2017 23:55	27.90	76.7	5.34	7.5

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR12	9/6/2017 0:01	27.69	72.6	5.28	7.7	SR12	9/6/2017 6:01	27.76	70.6	5.11	7.4	SR12	9/6/2017 12:01	27.95	72.3	5.21	8.3	SR12	9/6/2017 18:01	27.76	73.1	5.27	7.2
SR12	9/6/2017 0:06	27.54	72.6	5.28	9.4	SR12	9/6/2017 6:06	27.96	70.1	5.08	6.4	SR12	9/6/2017 12:06	27.87	71.6	5.17	8.3	SR12	9/6/2017 18:06	27.72	71.6	5.15	5.0
SR12	9/6/2017 0:11	27.54	72.3	5.26	5.8	SR12	9/6/2017 6:11	27.76	70.4	5.09	7.4	SR12	9/6/2017 12:11	27.94	70.9	5.12	7.2	SR12	9/6/2017 18:11	27.79	73.5	5.30	4.6
SR12	9/6/2017 0:16	27.72	71.6	5.20	8.0	SR12	9/6/2017 6:16	27.83	70.9	5.14	5.8	SR12	9/6/2017 12:16	28.01	71.4	5.15	7.2	SR12	9/6/2017 18:16	27.76	72.6	5.23	6.0
SR12	9/6/2017 0:21	27.72	71.6	5.21	7.2	SR12	9/6/2017 6:21	27.77	70.7	5.12	6.6	SR12	9/6/2017 12:21	27.85	72.3	5.21	6.9	SR12	9/6/2017 18:21	27.86	71.6	5.15	6.9
SR12	9/6/2017 0:26	27.65	71.5	5.20	9.0	SR12	9/6/2017 6:26	27.85	70.5	5.11	7.5	SR12	9/6/2017 12:26	27.84	71.9	5.20	5.5	SR12	9/6/2017 18:26	27.86	73.1	5.26	7.1
SR12	9/6/2017 0:31	27.61	72.3	5.26	6.5	SR12	9/6/2017 6:31	27.86	70.2	5.08	5.8	SR12	9/6/2017 12:31	27.94	70.7	5.11	7.5	SR12	9/6/2017 18:31	27.84	70.5	5.07	5.5
SR12	9/6/2017 0:36	27.72	71.3	5.18	7.5	SR12	9/6/2017 6:36	27.87	70.5	5.10	7.7	SR12	9/6/2017 12:36	27.85	71.1	5.14	6.2	SR12	9/6/2017 18:36	27.83	70.5	5.07	7.6
SR12	9/6/2017 0:41	27.79	72.2	5.26	7.6	SR12	9/6/2017 6:41	27.95	70.9	5.13	8.6	SR12	9/6/2017 12:41	27.97	70.8	5.12	7.4	SR12	9/6/2017 18:41	27.80	70.8	5.09	5.8
SR12	9/6/2017 0:46	27.63	71.6	5.21	8.3	SR12	9/6/2017 6:46	27.99	70.6	5.11	8.3	SR12	9/6/2017 12:46	27.91	70.6	5.08	6.5	SR12	9/6/2017 18:46	27.82	71.4	5.14	4.8
SR12	9/6/2017 0:51	27.72	71.4	5.20	8.0	SR12	9/6/2017 6:51	27.99	70.4	5.09	9.1	SR12	9/6/2017 12:51	27.93	71.1	5.12	7.0	SR12	9/6/2017 18:51	27.68	72.0	5.18	6.1
SR12	9/6/2017 0:56	27.74	70.6	5.14	6.4	SR12	9/6/2017 6:56	28.03	70.9	5.13	7.0	SR12	9/6/2017 12:56	27.94	70.0	5.05	5.9	SR12	9/6/2017 18:56	27.73	72.2	5.20	4.4
SR12	9/6/2017 1:01	27.72	71.4	5.19	6.2	SR12	9/6/2017 7:01	27.90	70.5	5.10	8.8	SR12	9/6/2017 13:01	27.97	70.6	5.10	6.5	SR12	9/6/2017 19:01	27.84	72.0	5.19	4.3
SR12	9/6/2017 1:06	27.72	70.8	5.15	8.4	SR12	9/6/2017 7:06	27.92	71.4	5.16	6.6	SR12	9/6/2017 13:06	27.99	70.4	5.08	5.9	SR12	9/6/2017 19:06	27.66	72.0	5.18	7.6
SR12	9/6/2017 1:11	27.81	71.2	5.17	6.9	SR12	9/6/2017 7:11	28.06	71.0	5.13	6.6	SR12	9/6/2017 13:11	27.98	70.4	5.08	7.0	SR12	9/6/2017 19:11	27.74	71.6	5.15	5.6
SR12	9/6/2017 1:16	27.69	70.4	5.12	8.4	SR12	9/6/2017 7:16	27.93	70.9	5.13	5.9	SR12	9/6/2017 13:16	27.97	70.2	5.07	4.8	SR12	9/6/2017 19:16	27.65	71.7	5.16	7.1
SR12	9/6/2017 1:21	27.72	69.3	5.03	7.0	SR12	9/6/2017 7:21	27.98	70.2	5.08	7.4	SR12	9/6/2017 13:21	27.91	71.5	5.18	6.5	SR12	9/6/2017 19:21	27.84	72.3	5.19	7.8
SR12	9/6/2017 1:26	27.69	70.3	5.11	7.0	SR12	9/6/2017 7:26	28.03	70.9	5.13	6.5	SR12	9/6/2017 13:26	27.88	72.7	5.25	6.2	SR12	9/6/2017 19:26	27.65	71.7	5.15	4.6
SR12	9/6/2017 1:31	27.64	69.7	5.07	6.3	SR12	9/6/2017 7:31	28.08	71.2	5.15	8.5	SR12	9/6/2017 13:31	27.91	71.1	5.15	4.5	SR12	9/6/2017 19:31	27.78	71.7	5.15	5.5
SR12	9/6/2017 1:36	27.62	69.8	5.08	7.6	SR12	9/6/2017 7:36	28.08	71.5	5.17	8.6	SR12	9/6/2017 13:36	28.00	69.9	5.06	4.9	SR12	9/6/2017 19:36	27.83	71.3	5.13	6.3
SR12	9/6/2017 1:41	27.60	68.9	5.02	8.2	SR12	9/6/2017 7:41	28.17	71.3	5.15	9.1	SR12	9/6/2017 13:41	27.84	70.0	5.08	7.5	SR12	9/6/2017 19:41	27.72	71.7	5.15	6.6
SR12	9/6/2017 1:46	27.62	69.7	5.07	6.9	SR12	9/6/2017 7:46	28.12	71.3	5.15	8.1	SR12	9/6/2017 13:46	27.83	71.1	5.14	7.8	SR12	9/6/2017 19:46	27.78	72.0	5.17	5.9
SR12	9/6/2017 1:51	27.77	70.4	5.11	7.1	SR12	9/6/2017 7:51	28.17	70.8	5.13	9.1	SR12	9/6/2017 13:51	27.83	71.0	5.14	7.4	SR12	9/6/2017 19:51	27.80	72.2	5.18	5.4
SR12	9/6/2017 1:56	27.65	69.1	5.03	9.0	SR12	9/6/2017 7:56	28.14	69.7	5.05	8.1	SR12	9/6/2017 13:56	27.83	70.8	5.12	7.7	SR12	9/6/2017 19:56	27.94	72.3	5.19	6.9
SR12	9/6/2017 2:01	27.75	70.0	5.09	7.2	SR12	9/6/2017 8:01	28.02	70.2	5.08	5.8	SR12	9/6/2017 14:01	27.98	71.2	5.16	6.2	SR12	9/6/2017 20:01	27.83	73.8	5.29	5.5
SR12	9/6/2017 2:06	27.75	69.0	5.02	6.5	SR12	9/6/2017 8:06	28.02	71.5	5.16	9.0	SR12	9/6/2017 14:06	27.86	70.0	5.06	5.5	SR12	9/6/2017 20:06	27.91	72.6	5.21	4.8
SR12	9/6/2017 2:11	27.68	68.8	5.01	7.2	SR12	9/6/2017 8:11	28.20	71.1	5.12	7.2	SR12	9/6/2017 14:11	27.97	70.4	5.08	7.2	SR12	9/6/2017 20:11	27.89	71.5	5.14	4.9
SR12	9/6/2017 2:16	27.69	69.6	5.06	6.8	SR12	9/6/2017 8:16	28.08	73.1	5.28	9.3	SR12	9/6/2017 14:16	27.79	70.6	5.10	7.1	SR12	9/6/2017 20:16	27.87	70.1	5.05	7.3
SR12	9/6/2017 2:21	27.69	70.0	5.09	7.6	SR12	9/6/2017 8:21	28.11	71.4	5.15	6.7	SR12	9/6/2017 14:21	27.78	71.1	5.14	7.8	SR12	9/6/2017 20:21	27.87	70.9	5.10	4.4
SR12	9/6/2017 2:26	27.78	69.1	5.03	6.8	SR12	9/6/2017 8:26	28.22	74.0	5.33	8.9	SR12	9/6/2017 14:26	27.91	70.1	5.07	5.1	SR12	9/6/2017 20:26	27.94	70.9	5.10	5.9
SR12	9/6/2017 2:31	27.62	69.6	5.06	8.4	SR12	9/6/2017 8:31	28.12	71.3	5.14	8.5	SR12	9/6/2017 14:31	27.78	70.3	5.08	5.7	SR12	9/6/2017 20:31	27.99	71.6	5.14	4.7
SR12	9/6/2017 2:36	27.83	69.4	5.05	8.1	SR12	9/6/2017 8:36	28.17	72.1	5.21	5.6	SR12	9/6/2017 14:36	27.88	71.1	5.14	4.4	SR12	9/6/2017 20:36	27.96	72.7	5.22	6.8
SR12	9/6/2017 2:41	27.63	70.3	5.11	6.0	SR12	9/6/2017 8:41	28.09	71.3	5.15	9.0	SR12	9/6/2017 14:41	27.96	69.1	5.00	4.4	SR12	9/6/2017 20:41	27.88	72.6	5.21	5.9
SR12	9/6/2017 2:46	27.85	70.5	5.13	7.4	SR12	9/6/2017 8:46	28.13	72.2	5.23	6.0	SR12	9/6/2017 14:46	27.81	70.7	5.12	7.2	SR12	9/6/2017 20:46	27.92	72.5	5.21	7.5
SR12	9/6/2017 2:51	27.85	69.5	5.05	6.1	SR12	9/6/2017 8:51	28.07	72.4	5.24	6.7	SR12	9/6/2017 14:51	27.97	71.8	5.20	4.4	SR12	9/6/2017 20:51	27.97	71.6	5.15	4.7
SR12	9/6/2017 2:56	27.76	69.6	5.06	9.1	SR12	9/6/2017 8:56	28.09	72.2	5.21	6.5	SR12	9/6/2017 14:56	27.89	69.7	5.04	6.1	SR12	9/6/2017 20:56	27.98	72.3	5.19	6.4
SR12	9/6/2017 3:01	27.81	69.3	5.04	8.3	SR12	9/6/2017 9:01	28.17	72.1	5.21	8.1	SR12	9/6/2017 15:01	27.94	70.2	5.08	7.3	SR12	9/6/2017 21:01	27.86	72.2	5.18	4.3
SR12	9/6/2017 3:06	27.65	69.5	5.06	9.0	SR12	9/6/2017 9:06	28.04	71.9	5.19	8.5	SR12	9/6/2017 15:06	27.90	71.2	5.16	5.0	SR12	9/6/2017 21:06	27.90	72.1	5.17	7.6
SR12	9/6/2017 3:11	27.66	68.9	5.01	8.9	SR12	9/6/2017 9:11	28.24	70.5	5.09	6.1	SR12	9/6/2017 15:11	27.77	71.0	5.15	5.1	SR12	9/6/2017 21:11	28.05	71.6	5.14	4.3
SR12	9/6/2017 3:16	27.84	69.4	5.05	6.9	SR12	9/6/2017 9:16	28.12	72.9	5.27	7.1	SR12	9/6/2017 15:16	27.95	69.7	5.04	7.6	SR12	9/6/2017 21:16	28.01	71.5	5.13	7.8
SR12	9/6/2017 3:21	27.85	70.3	5.12	6.4	SR12	9/6/2017 9:21	28.07	70.5	5.09	9.0	SR12	9/6/2017 15:21	27.76	71.6	5.19	7.7	SR12	9/6/2017 21:21	27.96	71.6	5.14	4.9
SR12	9/6/2017 3:26	27.77	69.3	5.04	6.5	SR12	9/6/2017 9:26	28.16	70.6	5.10	6.2	SR12	9/6/2017 15:26	27.82	70.0	5.07	4.9	SR12	9/6/2017 21:26	27.88	71.7	5.15	4.6
SR12	9/6/2017 3:31	27.63	69.8	5.08	5.9	SR12	9/6/2017 9:31	28.07	72.5	5.25	7.3	SR12	9/6/2017 15:31	27.79	69.8	5.05	6.0	SR12	9/6/2017 21:31	28.06	71.6	5.15	4.3
SR12	9/6/2017 3:36	27.75	69.2	5.04	6.0	SR12	9/6/2017 9:36	28.07	73.1	5.28	7.4	SR12	9/6/2017 15:36	27.87	70.1	5.08	5.5	SR12	9/6/2017 21:36	27.98	72.4	5.20	6.5
SR12	9/6/2017 3:41	27.74	68.2	4.97	8.7	SR12	9/6/2017 9:41	28.14	71.7	5.17	7.6	SR12	9/6/2017 15:41	27.92	70.9	5.12	6.3	SR12	9/6/2017 21:41	27.96	73.5	5.30	6.0
SR12	9/6/2017 3:46	27.64	69.2	5.04	5.6	SR12	9/6/2017 9:46	28.05	72.9	5.27	6.5	SR12	9/6/2017 15:46	27.79	71.0	5.14	6.3	SR12	9/6/2017 21:46	28.00	74.2	5.35	5.5
SR12	9/6/2017 3:51	27.88	70.1	5.10	7.2	SR12	9/6/2017 9:51	28.15	71.3	5.15	5.7	SR12	9/6/2017 15:51	27.94	71.4	5.17	4.8	SR12	9/6/2017 21:51	27.96	74.4	5.37	4.8
SR12	9/6/2017 3:56	27.93	69.1	5.03	9.0	SR12	9/6/2017 9:56	28.23	71.1	5.13	8.3	SR12	9/6/2017 15:56	27.79	70.2	5.08	4.9	SR12	9/6/2017 21:56	27.94	75.1	5.43	6.9
SR12	9/6/2017 4:01	27.93	69.5	5.05	8.4	SR12	9/6/2017 10:01	28.22	71.0	5.13	8.6	SR12	9/6/2017 16:01	27.75	69.6	5.04	6.3	SR12	9/6/2017 22:01	27.99	74.8	5.41	7.8
SR12	9/6/2017 4:06	28.04	68.7	5.00	9.1	SR12	9/6/2017 10:06	28.05	72.2	5.22	9.0	SR12	9/6/2017 16:06	27.92	70.1	5.08	7.7	SR12	9/6/2017 22:06	27.97	74.8	5.41	5.6
SR12	9/6/2017 4:11	27.93	68.6	4.99	6.8	SR12	9/6/2017 10:11	28.12	72.8	5.26	7.1	SR12	9/6/2017 16:11	27.79	70.2	5.07	7.2	SR12	9/6/2017 22:11	28.02	74.7	5.40	6.1
SR12	9/6/2017 4:16	27.81	68.7	5.00	6.0	SR12	9/6/2017 10:16	28.11	73.2	5.29	8.4	SR12	9/6/2017 16:16	27.93	69.9	5.05	5.2	SR12	9/6/2017 22:16	27.93	74.2	5.37	6.1
SR12	9/6/2017 4:21	27.78	68.5	4.98	6.4	SR12	9/6/2017 10:21	28.19	72.0	5.21	8.8	SR12	9/6/2017 16:21	27.75	70.9	5.13	7.2	SR12	9/6/2017 22:21	28.00	75.4	5.46	4.9
SR12	9/6/2017 4:26	27.93	68.0	4.95	5.6	SR12	9/6/2017 10:26	28.05	73.2	5.29	5.7	SR12	9/6/2017 16:26	27.83	71.5	5.18	6.9	SR12	9/6/2017 22:26	27.90	74.9	5.43	5.4
SR12	9/6/2017 4:31	27.84	68.8	5.01	6.0	SR12	9/6/2017 10:31	28.01	71.4	5.15	7.4	SR12	9/6/2017 16:31	27.90	70.5	5.09	4.6	SR12	9/6/2017 22:31	27.98	75.5	5.47	6.1
SR12	9/6/2017 4:36	27.68	68.8	5.00	9.3	SR12	9/6/2017 10:36	28.10	71.7	5.19	7.0	SR12	9/6/2017 16:36	27.74	69.8	5.04	4.5	SR12	9/6/2017 22:36	27.95	75.7	5.49	5.9
SR12	9/6/2017 4:41	27.78	69.1	5.03	6.9	SR12	9/6/2017 10:41	28.03	71.9	5.20	7.5	SR12	9/6/2017 16:41	27.78	71.7	5.18	6.3	SR12	9/6/2017 22:41	27.93	74.3	5.39	4.5
SR12	9/6/2017 4:46	27.71	69.3	5.04	6.7	SR12	9/6/2017 10:46	28.00	71.6	5.17	9.2	SR12	9/6/2017 16:46	27.79	71.3	5.15	7.6	SR12	9/6/2017 22:46	27.95	74.4	5.40	6.0
SR12	9/6/2017 4:51	27.96	69.1	5.02	6.2	SR12	9/6/2017 10:51	28.01	73.2	5.29	7.5	SR12	9/6/2017 16:51	27.83	70.9	5.11	5.8	SR12	9/6/2017 22:51	27.98	74.6	5.41	6.6
SR12	9/6/2017 4:56	27.78	69.5	5.04	6.1	SR12	9/6/2017 10:56	28.10	72.5	5.25	5.7	SR12	9/6/2017 16:56	27.85	72.7	5.24	5.1	SR12	9/6/2017 22:56	27.86	74.9	5.43	6.3
SR12	9/6/2017 5:01	27.65	69.8	5.07	5.9	SR12	9/6/2017 11:01	28.12	71.7	5.18	7.3	SR12	9/6/2017 17:01	27.87	71.7	5.17	5.7	SR12	9/6/2017 23:01	27.94	74.8	5.42	6.3
SR12	9/6/2017 5:06	27.77	69.5	5.04	9.0	SR12	9/6/2017 11:06	28.09	70.9	5.11	8.8	SR12	9/6/2017 17:06	27.79	71.5	5.15	6.2	SR12	9/6/2017 23:06	28.01	74.3	5.40	4.7
SR12	9/6/2017 5:11	27.69	69.6	5.05	8.1	SR12	9/6/2017 11:11	27.98	72.0	5.20	9.0	SR12	9/6/2017 17:11	27.75	72.5	5.23	4.9	SR12	9/6/2017 23:11	27.98	74.8	5.42	6.3
SR12	9/6/2017 5:16	27.78	70.1	5.08	7.7	SR12	9/6/2017 11:16	27.94	71.5	5.15	6.6	SR12	9/6/2017 17:16	27.86	71.4	5.14	7.8	SR12	9/6/2017 23:16	27.88	74.0	5.37	4.7
SR12	9/6/2017 5:21	27.83	70.3	5.09	6.1	SR12	9/6/2017 11:21	27.95	70.5	5.09	7.3	SR12	9/6/2017 17:21	27.77	73.3	5.29	4.9	SR12	9/6/2017 23:21	27.93	74.4	5.39	4.5
SR12	9/6/2017 5:26	27.78	70.3	5.10	7.5	SR12	9/6/2017 11:26	27.98	71.5	5.18	9.2	SR12	9/6/2017 17:26	27.70	72.4	5.22	6.6	SR12	9/6/2017 23:26	27.98	73.1	5.30	7.8
SR12	9/6/2017 5:31	27.70	69.8	5.05	6.9	SR12	9/6/2017 11:31	27.96	71.8	5.20	9.2	SR12	9/6/2017 17:31	27.86	72.1	5.19	7.1	SR12	9/6/2017 23:31	27.87	72.7	5.27	6.4
SR12	9/6/2017 5:36	27.85	70.0	5.07	5.9	SR12	9/6/2017 11:36	27.96	72.7	5.26	7.9	SR12	9/6/2017 17:36	27.69	72.9	5.25	6.7	SR12	9/6/2017 23:36	27.80	72.4	5.25	6.1
SR12	9/6/2017 5:41	27.72	70.2	5.09	7.2	SR12	9/6/2017 11:41	28.03	71.1	5.14	7.5	SR12	9/6/2017 17:41	27.73	71.7	5.15	4.8	SR12	9/6/2017 23:41	27.83	72.6	5.26	7.1
SR12	9/6/2017 5:46	27.78	69.9	5.07	5.8	SR12	9/6/2017 11:46	28.03	71.2	5.13	6.0	SR12	9/6/2017 17:46	27.74	71.7	5.16	5.7	SR12	9/6/2017 23:46	27.82	72.2	5.24	5.4
SR12	9/6/2017 5:51	27.83	70.2	5.09	6.3	SR12	9/6/2017 11:51	28.01	71.5	5.16	7.2	SR12	9/6/2017 17:51	27.86	71.4	5.13	7.7	SR12	9/6/2017 23:51	27.86	72.6	5.26	4.9
SR12	9/6/2017 5:56	27.88	70.0	5.07	8.6	SR12	9/6/2017 11:56	27.99	72.1	5.21	8.0	SR12	9/6/2017 17:56	27.86	72.2	5.20	6.1	SR12	9/6/2017 23:56	27.92	72.1	5.22	5.6

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR13	9/6/2017 0:00	27.51	75.7	5.23	7.3	SR13	9/6/2017 6:00	27.71	72.6	5.02	5.2	SR13	9/6/2017 12:00	27.82	73.5	5.06	4.8	SR13	9/6/2017 18:00	27.66	73.7	5.07	5.1
SR13	9/6/2017 0:05	27.54	75.7	5.24	6.6	SR13	9/6/2017 6:05	27.73	72.3	5.00	7.3	SR13	9/6/2017 12:05	27.82	73.1	5.04	4.5	SR13	9/6/2017 18:05	27.66	73.0	5.02	5.8
SR13	9/6/2017 0:10	27.57	75.1	5.19	4.8	SR13	9/6/2017 6:10	27.73	72.2	4.99	6.7	SR13	9/6/2017 12:10	27.82	72.9	5.02	3.2	SR13	9/6/2017 18:10	27.66	73.2	5.04	5.7
SR13	9/6/2017 0:15	27.55	75.4	5.21	6.9	SR13	9/6/2017 6:15	27.74	72.5	5.01	4.6	SR13	9/6/2017 12:15	27.83	73.3	5.04	4.4	SR13	9/6/2017 18:15	27.65	73.7	5.06	3.3
SR13	9/6/2017 0:20	27.56	75.4	5.21	4.8	SR13	9/6/2017 6:20	27.75	72.9	5.03	5.2	SR13	9/6/2017 12:20	27.84	73.3	5.05	3.4	SR13	9/6/2017 18:20	27.65	73.7	5.07	5.6
SR13	9/6/2017 0:25	27.55	76.0	5.26	6.2	SR13	9/6/2017 6:25	27.76	72.1	4.99	5.2	SR13	9/6/2017 12:25	27.84	71.9	4.96	4.7	SR13	9/6/2017 18:25	27.65	73.7	5.06	5.1
SR13	9/6/2017 0:30	27.65	75.5	5.22	4.7	SR13	9/6/2017 6:30	27.76	72.5	5.01	6.0	SR13	9/6/2017 12:30	27.82	72.3	4.99	5.2	SR13	9/6/2017 18:30	27.65	73.7	5.07	3.5
SR13	9/6/2017 0:35	27.65	74.8	5.17	6.2	SR13	9/6/2017 6:35	27.79	72.3	4.99	3.2	SR13	9/6/2017 12:35	27.81	72.6	5.00	3.9	SR13	9/6/2017 18:35	27.64	73.1	5.02	5.3
SR13	9/6/2017 0:40	27.68	74.6	5.16	5.8	SR13	9/6/2017 6:40	27.82	72.6	5.02	5.1	SR13	9/6/2017 12:40	27.81	72.4	4.98	5.8	SR13	9/6/2017 18:40	27.64	73.2	5.02	5.8
SR13	9/6/2017 0:45	27.66	74.3	5.13	4.4	SR13	9/6/2017 6:45	27.84	72.6	5.01	4.5	SR13	9/6/2017 12:45	27.80	74.0	5.09	5.6	SR13	9/6/2017 18:45	27.64	73.5	5.05	5.3
SR13	9/6/2017 0:50	27.67	74.1	5.12	5.8	SR13	9/6/2017 6:50	27.86	72.7	5.03	5.2	SR13	9/6/2017 12:50	27.79	73.4	5.04	4.3	SR13	9/6/2017 18:50	27.63	73.8	5.07	4.5
SR13	9/6/2017 0:55	27.73	74.5	5.15	5.8	SR13	9/6/2017 6:55	27.87	72.3	4.99	4.9	SR13	9/6/2017 12:55	27.79	73.8	5.08	4.8	SR13	9/6/2017 18:55	27.63	73.2	5.03	4.4
SR13	9/6/2017 1:00	27.68	74.6	5.16	5.2	SR13	9/6/2017 7:00	27.91	72.3	4.99	5.5	SR13	9/6/2017 13:00	27.79	72.4	4.98	3.0	SR13	9/6/2017 19:00	27.63	73.2	5.03	6.4
SR13	9/6/2017 1:05	27.62	73.8	5.10	5.7	SR13	9/6/2017 7:05	27.93	73.3	5.06	3.8	SR13	9/6/2017 13:05	27.79	73.1	5.03	6.3	SR13	9/6/2017 19:05	27.66	74.0	5.08	5.9
SR13	9/6/2017 1:10	27.59	74.1	5.12	5.6	SR13	9/6/2017 7:10	27.94	73.0	5.04	5.7	SR13	9/6/2017 13:10	27.78	72.4	4.99	3.2	SR13	9/6/2017 19:10	27.67	72.8	5.00	5.4
SR13	9/6/2017 1:15	27.58	73.7	5.09	6.3	SR13	9/6/2017 7:15	27.95	73.4	5.07	5.5	SR13	9/6/2017 13:15	27.78	72.8	5.03	6.1	SR13	9/6/2017 19:15	27.66	73.8	5.08	4.6
SR13	9/6/2017 1:20	27.57	73.1	5.06	5.1	SR13	9/6/2017 7:20	27.96	72.2	4.98	5.0	SR13	9/6/2017 13:20	27.78	72.5	5.01	4.2	SR13	9/6/2017 19:20	27.67	75.0	5.15	4.0
SR13	9/6/2017 1:25	27.56	73.4	5.08	6.0	SR13	9/6/2017 7:25	27.97	72.6	5.01	5.5	SR13	9/6/2017 13:25	27.80	73.7	5.07	6.1	SR13	9/6/2017 19:25	27.69	73.5	5.04	6.0
SR13	9/6/2017 1:30	27.57	72.9	5.04	5.8	SR13	9/6/2017 7:30	27.98	73.0	5.04	6.1	SR13	9/6/2017 13:30	27.81	72.3	4.99	5.1	SR13	9/6/2017 19:30	27.70	73.8	5.07	3.4
SR13	9/6/2017 1:35	27.57	73.4	5.08	5.4	SR13	9/6/2017 7:35	27.98	73.5	5.08	3.4	SR13	9/6/2017 13:35	27.81	71.7	4.95	3.0	SR13	9/6/2017 19:35	27.72	73.9	5.09	6.2
SR13	9/6/2017 1:40	27.57	72.3	5.01	5.9	SR13	9/6/2017 7:40	27.98	72.8	5.02	4.9	SR13	9/6/2017 13:40	27.80	70.7	4.88	2.5	SR13	9/6/2017 19:40	27.73	74.2	5.11	4.2
SR13	9/6/2017 1:45	27.62	72.4	5.01	5.3	SR13	9/6/2017 7:45	27.98	73.4	5.07	5.2	SR13	9/6/2017 13:45	27.79	73.3	5.06	4.8	SR13	9/6/2017 19:45	27.75	73.9	5.07	6.2
SR13	9/6/2017 1:50	27.59	73.6	5.09	6.1	SR13	9/6/2017 7:50	27.98	72.6	5.03	5.4	SR13	9/6/2017 13:50	27.79	71.9	4.96	3.5	SR13	9/6/2017 19:50	27.76	75.2	5.17	4.7
SR13	9/6/2017 1:55	27.56	73.1	5.06	4.8	SR13	9/6/2017 7:55	28.00	71.7	4.96	3.6	SR13	9/6/2017 13:55	27.77	71.9	4.95	3.9	SR13	9/6/2017 19:55	27.78	74.3	5.10	4.6
SR13	9/6/2017 2:00	27.57	73.8	5.11	6.4	SR13	9/6/2017 8:00	28.01	72.4	5.01	3.1	SR13	9/6/2017 14:00	27.77	72.3	5.00	3.0	SR13	9/6/2017 20:00	27.78	76.0	5.22	4.3
SR13	9/6/2017 2:05	27.57	73.1	5.06	7.6	SR13	9/6/2017 8:05	28.01	72.8	5.04	4.6	SR13	9/6/2017 14:05	27.77	72.6	5.01	5.9	SR13	9/6/2017 20:05	27.78	75.0	5.15	6.0
SR13	9/6/2017 2:10	27.59	72.8	5.04	6.7	SR13	9/6/2017 8:10	28.01	72.1	4.98	4.2	SR13	9/6/2017 14:10	27.77	72.8	5.01	6.6	SR13	9/6/2017 20:10	27.79	74.5	5.11	5.3
SR13	9/6/2017 2:15	27.61	72.8	5.05	7.2	SR13	9/6/2017 8:15	28.01	72.8	5.03	6.8	SR13	9/6/2017 14:15	27.76	73.1	5.04	5.7	SR13	9/6/2017 20:15	27.80	73.2	5.04	4.5
SR13	9/6/2017 2:20	27.62	73.0	5.05	5.7	SR13	9/6/2017 8:20	28.01	73.2	5.06	4.2	SR13	9/6/2017 14:20	27.77	72.3	4.98	4.0	SR13	9/6/2017 20:20	27.80	74.1	5.10	4.6
SR13	9/6/2017 2:25	27.67	72.7	5.03	7.2	SR13	9/6/2017 8:25	28.00	73.8	5.09	4.7	SR13	9/6/2017 14:25	27.77	71.8	4.95	3.8	SR13	9/6/2017 20:25	27.81	73.6	5.06	6.3
SR13	9/6/2017 2:30	27.67	73.5	5.09	6.4	SR13	9/6/2017 8:30	28.00	72.6	5.02	5.1	SR13	9/6/2017 14:30	27.79	72.0	4.96	2.9	SR13	9/6/2017 20:30	27.81	73.9	5.08	4.0
SR13	9/6/2017 2:35	27.65	72.6	5.02	6.2	SR13	9/6/2017 8:35	28.01	71.8	4.97	4.2	SR13	9/6/2017 14:35	27.78	72.4	4.99	3.6	SR13	9/6/2017 20:35	27.81	75.2	5.17	4.7
SR13	9/6/2017 2:40	27.64	73.5	5.09	6.9	SR13	9/6/2017 8:40	28.02	71.6	4.95	4.1	SR13	9/6/2017 14:40	27.78	72.3	4.99	3.4	SR13	9/6/2017 20:40	27.82	75.2	5.16	3.6
SR13	9/6/2017 2:45	27.65	73.6	5.09	6.0	SR13	9/6/2017 8:45	28.03	71.5	4.95	4.8	SR13	9/6/2017 14:45	27.77	73.1	5.04	5.4	SR13	9/6/2017 20:45	27.82	74.8	5.14	4.1
SR13	9/6/2017 2:50	27.66	73.1	5.05	5.5	SR13	9/6/2017 8:50	28.02	71.5	4.94	4.2	SR13	9/6/2017 14:50	27.76	72.5	5.00	3.8	SR13	9/6/2017 20:50	27.83	74.6	5.13	3.1
SR13	9/6/2017 2:55	27.63	73.1	5.06	7.3	SR13	9/6/2017 8:55	28.01	72.5	5.01	6.6	SR13	9/6/2017 14:55	27.76	72.9	5.04	6.3	SR13	9/6/2017 20:55	27.84	75.8	5.21	3.9
SR13	9/6/2017 3:00	27.61	72.0	4.98	6.6	SR13	9/6/2017 9:00	28.01	71.8	4.97	6.0	SR13	9/6/2017 15:00	27.76	71.8	4.95	4.6	SR13	9/6/2017 21:00	27.84	75.0	5.15	7.8
SR13	9/6/2017 3:05	27.59	72.9	5.05	5.2	SR13	9/6/2017 9:05	28.01	72.6	5.01	4.0	SR13	9/6/2017 15:05	27.76	72.0	4.97	4.7	SR13	9/6/2017 21:05	27.84	74.8	5.13	3.1
SR13	9/6/2017 3:10	27.56	72.6	5.03	5.8	SR13	9/6/2017 9:10	28.02	71.7	4.96	3.7	SR13	9/6/2017 15:10	27.76	71.8	4.96	4.7	SR13	9/6/2017 21:10	27.85	75.4	5.18	4.8
SR13	9/6/2017 3:15	27.54	72.6	5.02	7.3	SR13	9/6/2017 9:15	28.02	72.8	5.03	5.6	SR13	9/6/2017 15:15	27.76	71.9	4.96	2.8	SR13	9/6/2017 21:15	27.85	75.3	5.17	5.4
SR13	9/6/2017 3:20	27.53	73.6	5.10	7.7	SR13	9/6/2017 9:20	28.03	71.8	4.96	3.0	SR13	9/6/2017 15:20	27.75	73.4	5.07	4.0	SR13	9/6/2017 21:20	27.86	74.6	5.12	4.8
SR13	9/6/2017 3:25	27.51	72.9	5.04	6.7	SR13	9/6/2017 9:25	28.03	71.9	4.97	5.1	SR13	9/6/2017 15:25	27.75	72.2	4.99	4.2	SR13	9/6/2017 21:25	27.86	75.8	5.21	5.8
SR13	9/6/2017 3:30	27.57	72.5	5.02	5.7	SR13	9/6/2017 9:30	28.04	72.3	4.99	4.9	SR13						SR13	9/6/2017 21:30	27.86	74.7	5.13	4.8
SR13	9/6/2017 3:35	27.73	72.9	5.05	6.1	SR13	9/6/2017 9:35	28.03	73.4	5.06	6.3	SR13						SR13	9/6/2017 21:35	27.87	75.0	5.15	5.7
SR13	9/6/2017 3:40	27.81	71.8	4.98	6.4	SR13	9/6/2017 9:40	28.02	72.9	5.03	5.7	SR13						SR13	9/6/2017 21:40	27.87	75.4	5.18	3.2
SR13	9/6/2017 3:45	27.79	72.2	5.00	7.0	SR13	9/6/2017 9:45	28.04	72.8	5.02	4.3	SR13	9/6/2017 15:45	27.73	72.5	4.99	4.0	SR13	9/6/2017 21:45	27.88	75.0	5.14	4.0
SR13	9/6/2017 3:50	27.73	73.1	5.06	7.0	SR13	9/6/2017 9:50	28.04	72.4	4.99	3.2	SR13	9/6/2017 15:50	27.73	71.8	4.95	4.6	SR13	9/6/2017 21:50	27.90	75.3	5.18	6.9
SR13	9/6/2017 3:55	27.64	72.0	4.99	5.4	SR13	9/6/2017 9:55	28.02	73.0	5.04	4.9	SR13	9/6/2017 15:55	27.73	71.9	4.97	5.9	SR13	9/6/2017 21:55	27.87	75.0	5.16	4.3
SR13	9/6/2017 4:00	27.70	73.1	5.06	5.3	SR13	9/6/2017 10:00	28.00	72.4	5.00	6.4	SR13	9/6/2017 16:00	27.72	71.5	4.94	4.2	SR13	9/6/2017 22:00	27.87	74.8	5.13	3.8
SR13	9/6/2017 4:05	27.72	71.9	4.98	5.6	SR13	9/6/2017 10:05	27.98	72.7	5.02	4.7	SR13	9/6/2017 16:05	27.72	72.5	5.01	5.8	SR13	9/6/2017 22:05	27.82	74.9	5.15	6.2
SR13	9/6/2017 4:10	27.66	71.4	4.95	6.7	SR13	9/6/2017 10:10	27.98	73.2	5.05	4.7	SR13	9/6/2017 16:10	27.72	72.5	5.00	5.4	SR13	9/6/2017 22:10	27.81	74.2	5.09	4.3
SR13	9/6/2017 4:15	27.63	71.8	4.98	6.4	SR13	9/6/2017 10:15	27.97	73.0	5.04	4.5	SR13	9/6/2017 16:15	27.71	72.1	4.97	4.7	SR13	9/6/2017 22:15	27.79	73.5	5.05	6.4
SR13	9/6/2017 4:20	27.60	71.9	4.99	5.8	SR13	9/6/2017 10:20	27.97	72.7	5.02	5.3	SR13	9/6/2017 16:20	27.68	72.2	4.97	3.8	SR13	9/6/2017 22:20	27.77	74.4	5.11	5.8
SR13	9/6/2017 4:25	27.60	71.8	4.98	6.9	SR13	9/6/2017 10:25	27.98	72.9	5.03	5.5	SR13	9/6/2017 16:25	27.67	72.7	5.01	5.8	SR13	9/6/2017 22:25	27.75	73.9	5.08	4.6
SR13	9/6/2017 4:30	27.57	71.8	4.99	6.8	SR13	9/6/2017 10:30	28.00	72.8	5.02	4.0	SR13	9/6/2017 16:30	27.67	72.9	5.02	3.1	SR13	9/6/2017 22:30	27.79	74.8	5.15	5.8
SR13	9/6/2017 4:35	27.54	72.3	5.01	6.0	SR13	9/6/2017 10:35	28.01	72.3	4.99	3.9	SR13	9/6/2017 16:35	27.67	72.5	5.00	4.9	SR13	9/6/2017 22:35	27.79	74.1	5.09	4.4
SR13	9/6/2017 4:40	27.53	72.1	5.00	7.2	SR13	9/6/2017 10:40	27.98	72.3	4.98	4.6	SR13	9/6/2017 16:40	27.67	72.3	4.98	3.3	SR13	9/6/2017 22:40	27.78	73.6	5.07	2.8
SR13	9/6/2017 4:45	27.55	71.8	4.98	5.5	SR13	9/6/2017 10:45	27.97	73.6	5.08	6.2	SR13	9/6/2017 16:45	27.67	72.8	5.01	4.6	SR13	9/6/2017 22:45	27.77	73.4	5.05	4.4
SR13	9/6/2017 4:50	27.59	72.2	5.00	6.5	SR13	9/6/2017 10:50	27.92	73.9	5.10	5.1	SR13	9/6/2017 16:50	27.67	73.4	5.05	3.4	SR13	9/6/2017 22:50	27.78	73.2	5.03	5.3
SR13	9/6/2017 4:55	27.61	72.5	5.02	5.7	SR13	9/6/2017 10:55	27.95	72.7	5.02	4.3	SR13	9/6/2017 16:55	27.67	73.6	5.06	4.0	SR13	9/6/2017 22:55	27.83	74.3	5.10	4.8
SR13	9/6/2017 5:00	27.61	73.0	5.06	5.9	SR13	9/6/2017 11:00	27.94	72.7	5.01	5.5	SR13	9/6/2017 17:00	27.66	73.0	5.02	5.7	SR13	9/6/2017 23:00	27.82	72.5	4.98	4.8
SR13	9/6/2017 5:05	27.61	72.5	5.02	5.7	SR13	9/6/2017 11:05	27.91	73.0	5.03	3.4	SR13	9/6/2017 17:05	27.66	73.2	5.04	6.6	SR13	9/6/2017 23:05	27.81	72.3	4.97	5.4
SR13	9/6/2017 5:10	27.62	73.0	5.06	5.5	SR13	9/6/2017 11:10	27.89	73.5	5.07	2.9	SR13	9/6/2017 17:10	27.67	73.1	5.03	4.2	SR13	9/6/2017 23:10	27.80	73.2	5.03	6.6
SR13	9/6/2017 5:15	27.62	72.9	5.04	4.8	SR13	9/6/2017 11:15	27.89	73.7	5.08	4.7	SR13	9/6/2017 17:15	27.68	73.0	5.01	5.4	SR13	9/6/2017 23:15	27.78	73.0	5.02	4.6
SR13	9/6/2017 5:20	27.63	72.8	5.04	5.2	SR13	9/6/2017 11:20	27.90	72.5	5.00	5.5	SR13	9/6/2017 17:20	27.69	73.6	5.05	6.1	SR13	9/6/2017 23:20	27.77	73.8	5.07	4.7
SR13	9/6/2017 5:25	27.64	72.4	5.01	4.5	SR13	9/6/2017 11:25	27.89	72.3	4.99	6.1	SR13	9/6/2017 17:25	27.69	73.0	5.01	3.6	SR13	9/6/2017 23:25	27.76	73.1	5.03	5.7
SR13	9/6/2017 5:30	27.66	72.8	5.04	5.9	SR13	9/6/2017 11:30	27.87	72.0	4.97	6.4	SR13	9/6/2017 17:30	27.69	73.8	5.07	5.8	SR13	9/6/2017 23:30	27.77	72.9	5.02	5.9
SR13	9/6/2017 5:35	27.69	72.5	5.02	6.5	SR13	9/6/2017 11:35	27.87	73.3	5.05	3.1	SR13	9/6/2017 17:35	27.68	73.5	5.04	5.4	SR13	9/6/2017 23:35	27.77	72.7	5.00	7.8
SR13	9/6/2017 5:40	27.70	72.8	5.03	5.3	SR13	9/6/2017 11:40	27.85	72.3	4.98	5.8	SR13	9/6/2017 17:40	27.68	73.4	5.04	4.0	SR13	9/6/2017 23:40	27.78	72.6	4.99	6.7
SR13	9/6/2017 5:45	27.69	72.4	5.01	5.2	SR13	9/6/2017 11:45	27.84	72.7	5.01	4.5	SR13	9/6/2017 17:45	27.67	73.2	5.03	5.9	SR13	9/6/2017 23:45	27.79	72.3	4.98	5.9
SR13	9/6/2017 5:50	27.72	71.8	4.96	6.3	SR13	9/6/2017 11:50	27.83	72.7	5.01	5.1	SR13	9/6/2017 17:50	27.67	73.7	5.07	5.2	SR13	9/6/2017 23:50	27.78	73.1	5.02	5.8
SR13	9/6/2017 5:55	27.72	72.4	5.00	6.2	SR13	9/6/2017 11:55	27.83	72.9	5.03	3.9	SR13	9/6/2017 17:55	27.67	74.5	5.12	5.4	SR13	9/6/2017 23:55	27.81	72.6	4.99	5.0

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	9/6/2017 0:17	0.08				SR12	9/6/2017 0:17	0.13			
SR4	9/6/2017 0:37	0.07				SR12	9/6/2017 0:37	0.08			
SR4	9/6/2017 0:57	0.06				SR12	9/6/2017 0:57	0.14			
SR4	9/6/2017 1:17	0.08				SR12	9/6/2017 1:17	0.08			
SR4	9/6/2017 1:37	0.07				SR12	9/6/2017 1:37	0.08			
SR4	9/6/2017 1:57	0.04				SR12	9/6/2017 1:57	0.11			
SR4	9/6/2017 2:17	0.06				SR12	9/6/2017 2:17	0.09			
SR4	9/6/2017 2:37	0.06				SR12	9/6/2017 2:37	0.08			
SR4	9/6/2017 2:57	0.07				SR12	9/6/2017 2:57	0.11			
SR4	9/6/2017 3:17	0.05				SR12	9/6/2017 3:17	0.10			
SR4	9/6/2017 3:37	0.04				SR12	9/6/2017 3:37	0.12			
SR4	9/6/2017 3:57	0.07				SR12	9/6/2017 3:57	0.13			
SR4	9/6/2017 4:17	0.04				SR12	9/6/2017 4:17	0.14			
SR4	9/6/2017 4:37	0.07				SR12	9/6/2017 4:37	0.09			
SR4	9/6/2017 4:57	0.04				SR12	9/6/2017 4:57	0.14			
SR4	9/6/2017 5:17	0.06				SR12	9/6/2017 5:17	0.09			
SR4	9/6/2017 5:37	0.04				SR12	9/6/2017 5:37	0.09			
SR4	9/6/2017 5:57	0.07				SR12	9/6/2017 5:57	0.11			
SR4						SR12					
SR4	9/6/2017 6:37	0.10				SR12	9/6/2017 6:37	0.10			
SR4	9/6/2017 6:57	0.11				SR12	9/6/2017 6:57	0.11			
SR4	9/6/2017 7:17	0.11				SR12	9/6/2017 7:17	0.11			
SR4	9/6/2017 7:37	0.12				SR12	9/6/2017 7:37	0.10			
SR4	9/6/2017 7:57	0.10				SR12	9/6/2017 7:57	0.11			
SR4	9/6/2017 8:17	0.09				SR12	9/6/2017 8:17	0.14			
SR4	9/6/2017 8:37	0.08				SR12	9/6/2017 8:37	0.10			
SR4	9/6/2017 8:57	0.07				SR12	9/6/2017 8:57	0.11			
SR4	9/6/2017 9:17	0.10				SR12	9/6/2017 9:17	0.12			
SR4	9/6/2017 9:37	0.11				SR12	9/6/2017 9:37	0.15			
SR4	9/6/2017 9:57	0.09				SR12	9/6/2017 9:57	0.11			
SR4	9/6/2017 10:17	0.11				SR12	9/6/2017 10:17	0.14			
SR4	9/6/2017 10:37	0.08				SR12	9/6/2017 10:37	0.13			
SR4	9/6/2017 10:57	0.12				SR12	9/6/2017 10:57	0.12			
SR4	9/6/2017 11:17	0.09				SR12	9/6/2017 11:17	0.13			
SR4	9/6/2017 11:37	0.12				SR12	9/6/2017 11:37	0.11			
SR4	9/6/2017 11:57	0.10				SR12	9/6/2017 11:57	0.15			
SR4	9/6/2017 12:17	0.10				SR12	9/6/2017 12:17	0.13			
SR4	9/6/2017 12:37	0.12				SR12	9/6/2017 12:37	0.11			
SR4	9/6/2017 12:57	0.07				SR12	9/6/2017 12:57	0.14			
SR4	9/6/2017 13:17	0.12				SR12	9/6/2017 13:17	0.14			
SR4	9/6/2017 13:37	0.09				SR12	9/6/2017 13:37	0.11			
SR4	9/6/2017 13:57	0.09				SR12	9/6/2017 13:57	0.14			
SR4	9/6/2017 14:17	0.09				SR12	9/6/2017 14:17	0.11			
SR4	9/6/2017 14:37	0.11				SR12	9/6/2017 14:37	0.15			
SR4	9/6/2017 14:57	0.09				SR12	9/6/2017 14:57	0.11			
SR4	9/6/2017 15:17	0.11				SR12	9/6/2017 15:17	0.13			
SR4	9/6/2017 15:37	0.11				SR12	9/6/2017 15:37	0.15			
SR4	9/6/2017 15:57	0.08				SR12	9/6/2017 15:57	0.14			
SR4	9/6/2017 16:17	0.08				SR12	9/6/2017 16:17	0.15			
SR4	9/6/2017 16:37	0.11				SR12	9/6/2017 16:37	0.14			
SR4	9/6/2017 16:57	0.11				SR12	9/6/2017 16:57	0.13			
SR4	9/6/2017 17:17	0.09				SR12	9/6/2017 17:17	0.13			
SR4	9/6/2017 17:37	0.12				SR12	9/6/2017 17:37	0.13			
SR4	9/6/2017 17:57	0.11				SR12	9/6/2017 17:57	0.12			
SR4	9/6/2017 18:17	0.08				SR12	9/6/2017 18:17	0.12			
SR4	9/6/2017 18:37	0.11				SR12	9/6/2017 18:37	0.15			
SR4	9/6/2017 18:57	0.10				SR12	9/6/2017 18:57	0.15			
SR4	9/6/2017 19:17	0.10				SR12	9/6/2017 19:17	0.11			
SR4	9/6/2017 19:37	0.12				SR12	9/6/2017 19:37	0.13			
SR4	9/6/2017 19:57	0.07				SR12	9/6/2017 19:57	0.11			
SR4	9/6/2017 20:17	0.09				SR12	9/6/2017 20:17	0.11			
SR4	9/6/2017 20:37	0.09				SR12	9/6/2017 20:37	0.11			
SR4	9/6/2017 20:57	0.11				SR12	9/6/2017 20:57	0.14			
SR4	9/6/2017 21:17	0.08				SR12	9/6/2017 21:17	0.12			
SR4	9/6/2017 21:37	0.08				SR12	9/6/2017 21:37	0.14			
SR4	9/6/2017 21:57	0.07				SR12	9/6/2017 21:57	0.13			
SR4	9/6/2017 22:17	0.09				SR12	9/6/2017 22:17	0.15			
SR4	9/6/2017 22:37	0.09				SR12	9/6/2017 22:37	0.15			
SR4	9/6/2017 22:57	0.08				SR12	9/6/2017 22:57	0.11			
SR4	9/6/2017 23:17	0.10				SR12	9/6/2017 23:17	0.15			
SR4	9/6/2017 23:37	0.09				SR12	9/6/2017 23:37	0.14			
SR4	9/6/2017 23:57	0.08				SR12	9/6/2017 23:57	0.14			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.
SR13 monitoring station was under maintenance during 15:25-15:45.

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR4	9/7/2017 0:01	27.77	74.4	4.88	5.5	SR4	9/7/2017 6:01	27.85	74.2	4.94	7.2	SR4	9/7/2017 12:01	27.96	74.5	4.88	1.8	SR4	9/7/2017 18:01	28.19	74.8	4.87	3.3
SR4	9/7/2017 0:06	27.78	73.3	4.81	5.1	SR4	9/7/2017 6:06	27.85	74.2	4.94	2.7	SR4	9/7/2017 12:06	27.91	74.3	4.86	5.9	SR4	9/7/2017 18:06	28.19	75.1	4.89	3.5
SR4	9/7/2017 0:11	27.81	73.7	4.84	6.0	SR4	9/7/2017 6:11	27.86	72.8	4.82	5.3	SR4	9/7/2017 12:11	27.83	74.3	4.86	1.3	SR4	9/7/2017 18:11	28.19	75.1	4.89	2.7
SR4	9/7/2017 0:16	27.78	73.2	4.80	5.6	SR4	9/7/2017 6:16	27.86	72.8	4.90	5.1	SR4	9/7/2017 12:16	27.98	74.9	4.89	4.5	SR4	9/7/2017 18:16	28.19	75.1	4.88	4.7
SR4	9/7/2017 0:21	27.78	73.1	4.80	7.1	SR4	9/7/2017 6:21	27.87	73.2	4.90	7.6	SR4	9/7/2017 12:21	28.01	75.3	4.91	3.0	SR4	9/7/2017 18:21	28.18	75.3	4.90	3.0
SR4	9/7/2017 0:26	27.78	73.0	4.79	4.2	SR4	9/7/2017 6:26	27.87	75.8	5.06	7.9	SR4	9/7/2017 12:26	27.99	76.5	5.00	4.0	SR4	9/7/2017 18:26	28.18	75.5	4.91	2.6
SR4	9/7/2017 0:31	27.77	72.6	4.76	6.5	SR4	9/7/2017 6:31	27.88	73.8	4.88	6.1	SR4	9/7/2017 12:31	27.94	75.7	4.94	6.5	SR4	9/7/2017 18:31	28.18	75.4	4.90	5.7
SR4	9/7/2017 0:36	27.78	73.1	4.80	5.2	SR4	9/7/2017 6:36	27.89	73.5	4.87	3.5	SR4	9/7/2017 12:36	27.95	75.3	4.91	5.3	SR4	9/7/2017 18:36	28.18	75.4	4.91	3.9
SR4	9/7/2017 0:41	27.77	72.8	4.78	5.3	SR4	9/7/2017 6:41	27.89	74.3	4.88	7.2	SR4	9/7/2017 12:41	27.91	75.5	4.93	3.7	SR4	9/7/2017 18:41	28.19	76.1	4.95	5.6
SR4	9/7/2017 0:46	27.76	73.2	4.81	5.3	SR4	9/7/2017 6:46	27.90	74.0	4.95	3.1	SR4	9/7/2017 12:46	27.91	78.1	5.07	1.8	SR4	9/7/2017 18:46	28.18	75.4	4.91	4.5
SR4	9/7/2017 0:51	27.75	73.3	4.81	7.2	SR4	9/7/2017 6:51	27.90	74.4	4.88	5.8	SR4	9/7/2017 12:51	27.87	75.5	4.92	2.0	SR4	9/7/2017 18:51	28.19	75.5	4.91	4.9
SR4	9/7/2017 0:56	27.76	73.1	4.80	6.2	SR4	9/7/2017 6:56	27.90	73.9	4.91	7.0	SR4	9/7/2017 12:56	27.91	77.1	5.02	7.0	SR4	9/7/2017 18:56	28.19	75.2	4.89	2.1
SR4	9/7/2017 1:01	27.76	73.1	4.80	6.6	SR4	9/7/2017 7:01	27.90	74.5	4.97	8.1	SR4	9/7/2017 13:01	28.03	74.0	4.83	2.8	SR4	9/7/2017 19:01	28.19	75.1	4.89	2.1
SR4	9/7/2017 1:06	27.76	72.7	4.77	6.5	SR4	9/7/2017 7:06	27.89	73.3	4.81	4.3	SR4	9/7/2017 13:06	28.12	75.1	4.91	4.1	SR4	9/7/2017 19:06	28.18	75.5	4.91	1.7
SR4	9/7/2017 1:11	27.77	73.1	4.80	4.8	SR4	9/7/2017 7:11	27.90	75.7	4.97	8.5	SR4	9/7/2017 13:11	27.94	75.0	4.90	2.1	SR4	9/7/2017 19:11	28.18	75.4	4.91	6.0
SR4	9/7/2017 1:16	27.76	73.2	4.81	4.8	SR4	9/7/2017 7:16	27.89	73.8	4.84	5.0	SR4	9/7/2017 13:16	27.92	74.6	4.87	4.1	SR4	9/7/2017 19:16	28.18	75.0	4.88	4.8
SR4	9/7/2017 1:21	27.75	72.9	4.78	3.7	SR4	9/7/2017 7:21	27.90	73.4	4.82	8.3	SR4	9/7/2017 13:21	28.00	77.2	5.03	4.9	SR4	9/7/2017 19:21	28.16	74.7	4.86	2.4
SR4	9/7/2017 1:26	27.75	72.5	4.76	8.0	SR4	9/7/2017 7:26	27.91	74.3	4.87	3.1	SR4	9/7/2017 13:26	27.92	74.8	4.88	5.0	SR4	9/7/2017 19:26	28.17	75.1	4.89	2.0
SR4	9/7/2017 1:31	27.74	72.6	4.77	4.4	SR4	9/7/2017 7:31	27.90	73.9	4.85	6.5	SR4	9/7/2017 13:31	27.88	74.4	4.86	2.0	SR4	9/7/2017 19:31	28.18	74.8	4.87	2.4
SR4	9/7/2017 1:36	27.75	72.8	4.78	5.8	SR4	9/7/2017 7:36	27.90	74.4	4.88	3.6	SR4	9/7/2017 13:36	27.85	73.6	4.81	3.8	SR4	9/7/2017 19:36	28.19	75.0	4.88	5.1
SR4	9/7/2017 1:41	27.72	71.5	4.69	6.1	SR4	9/7/2017 7:41	27.89	73.8	4.84	3.9	SR4	9/7/2017 13:41	28.07	77.5	5.04	3.9	SR4	9/7/2017 19:41	28.19	75.1	4.89	6.1
SR4	9/7/2017 1:46	27.73	70.9	4.65	4.7	SR4	9/7/2017 7:46	27.89	74.5	4.88	4.4	SR4	9/7/2017 13:46	27.83	78.3	5.07	2.5	SR4	9/7/2017 19:46	28.19	75.1	4.88	1.7
SR4	9/7/2017 1:51	27.73	70.6	4.63	5.2	SR4	9/7/2017 7:51	27.88	74.5	4.89	6.6	SR4	9/7/2017 13:51	27.79	75.8	4.94	5.9	SR4	9/7/2017 19:51	28.18	75.1	4.89	3.0
SR4	9/7/2017 1:56	27.71	70.5	4.63	4.7	SR4	9/7/2017 7:56	27.88	74.2	4.86	8.7	SR4	9/7/2017 13:56	27.77	74.5	4.86	6.1	SR4	9/7/2017 19:56	28.19	75.4	4.91	4.4
SR4	9/7/2017 2:01	27.70	69.5	4.56	7.7	SR4	9/7/2017 8:01	27.88	74.2	4.87	3.2	SR4	9/7/2017 14:01	27.79	73.4	4.80	5.6	SR4	9/7/2017 20:01	28.19	76.2	4.96	6.2
SR4	9/7/2017 2:06	27.71	69.7	4.58	5.2	SR4	9/7/2017 8:06	27.77	72.8	4.78	3.1	SR4	9/7/2017 14:06	27.84	73.4	4.80	4.8	SR4	9/7/2017 20:06	28.19	77.1	5.02	2.8
SR4	9/7/2017 2:11	27.70	70.0	4.59	3.9	SR4	9/7/2017 8:11	27.77	73.6	4.93	2.0	SR4	9/7/2017 14:11	27.94	74.2	4.84	5.8	SR4	9/7/2017 20:11	28.20	76.8	5.00	5.6
SR4	9/7/2017 2:16	27.70	70.0	4.59	7.4	SR4	9/7/2017 8:16	27.80	73.7	4.86	4.3	SR4	9/7/2017 14:16	27.87	75.7	4.93	7.0	SR4	9/7/2017 20:16	28.14	76.4	4.97	2.5
SR4	9/7/2017 2:21	27.71	70.3	4.62	5.1	SR4	9/7/2017 8:21	27.81	74.9	4.99	1.3	SR4	9/7/2017 14:21	27.84	77.2	5.03	3.9	SR4	9/7/2017 20:21	28.14	76.2	4.96	2.6
SR4	9/7/2017 2:26	27.71	71.1	4.67	6.1	SR4	9/7/2017 8:26	27.88	74.2	4.94	2.5	SR4	9/7/2017 14:26	27.94	73.2	4.78	5.5	SR4	9/7/2017 20:26	28.14	108.1	7.47	2.6
SR4	9/7/2017 2:31	27.71	71.3	4.68	4.9	SR4	9/7/2017 8:31	27.81	74.9	4.95	5.9	SR4	9/7/2017 14:31	27.94	74.2	4.84	3.0	SR4	9/7/2017 20:31	28.07	74.4	4.85	5.2
SR4	9/7/2017 2:36	27.71	70.6	4.64	4.4	SR4	9/7/2017 8:36	27.83	73.8	4.85	6.0	SR4	9/7/2017 14:36	27.92	70.3	4.61	6.1	SR4	9/7/2017 20:36	28.11	75.7	4.94	5.4
SR4	9/7/2017 2:41	27.72	70.2	4.61	5.3	SR4	9/7/2017 8:41	27.98	73.6	4.84	0.6	SR4	9/7/2017 14:41	27.90	73.1	4.77	6.9	SR4	9/7/2017 20:41	28.14	76.3	4.97	1.8
SR4	9/7/2017 2:46	27.72	71.0	4.66	5.1	SR4	9/7/2017 8:46	27.89	74.1	4.89	3.1	SR4	9/7/2017 14:46	27.92	71.8	4.70	4.7	SR4	9/7/2017 20:46	28.13	74.7	4.87	6.0
SR4	9/7/2017 2:51	27.69	70.7	4.64	4.4	SR4	9/7/2017 8:51	27.82	75.5	5.00	4.2	SR4	9/7/2017 14:51	27.88	71.1	4.65	6.2	SR4	9/7/2017 20:51	28.05	74.5	4.85	5.6
SR4	9/7/2017 2:56	27.69	71.3	4.69	7.9	SR4	9/7/2017 8:56	27.79	72.7	4.78	3.9	SR4	9/7/2017 14:56	27.88	72.0	4.71	5.9	SR4	9/7/2017 20:56	28.06	76.6	4.99	2.3
SR4	9/7/2017 3:01	27.69	70.6	4.64	6.8	SR4	9/7/2017 9:01	27.78	75.1	4.97	1.0	SR4	9/7/2017 15:01	27.90	73.0	4.77	2.6	SR4	9/7/2017 21:01	28.07	75.3	4.90	4.2
SR4	9/7/2017 3:06	27.69	70.0	4.60	4.5	SR4	9/7/2017 9:06	27.80	74.3	4.88	6.3	SR4	9/7/2017 15:06	27.86	72.2	4.72	6.2	SR4	9/7/2017 21:06	28.09	75.0	4.89	6.3
SR4	9/7/2017 3:11	27.70	69.2	4.54	8.1	SR4	9/7/2017 9:11	27.80	73.7	4.83	5.5	SR4	9/7/2017 15:11	27.83	71.6	4.68	3.4	SR4	9/7/2017 21:11	28.07	75.5	4.91	5.5
SR4	9/7/2017 3:16	27.70	69.2	4.54	6.2	SR4	9/7/2017 9:16	27.79	74.9	4.91	5.6	SR4	9/7/2017 15:16	27.80	71.0	4.65	5.0	SR4	9/7/2017 21:16	28.08	75.2	4.89	3.0
SR4	9/7/2017 3:21	27.68	69.9	4.59	7.7	SR4	9/7/2017 9:21	27.80	74.2	4.87	3.1	SR4	9/7/2017 15:21	27.79	72.4	4.73	3.7	SR4	9/7/2017 21:21	28.10	76.0	4.95	3.3
SR4	9/7/2017 3:26	27.67	72.0	4.73	6.5	SR4	9/7/2017 9:26	27.82	74.8	4.91	1.5	SR4	9/7/2017 15:26	27.78	74.5	4.86	5.1	SR4	9/7/2017 21:26	28.09	75.0	4.88	6.3
SR4	9/7/2017 3:31	27.65	71.2	4.68	4.7	SR4	9/7/2017 9:31	27.89	73.8	4.85	1.2	SR4	9/7/2017 15:31	27.78	75.3	4.90	5.8	SR4	9/7/2017 21:31	28.08	74.7	4.87	4.9
SR4	9/7/2017 3:36	27.64	70.6	4.64	5.0	SR4	9/7/2017 9:36	27.89	73.5	4.83	4.6	SR4	9/7/2017 15:36	27.78	73.9	4.81	1.9	SR4	9/7/2017 21:36	28.04	74.8	4.87	1.5
SR4	9/7/2017 3:41	27.66	70.0	4.60	6.5	SR4	9/7/2017 9:41	27.86	74.0	4.86	5.6	SR4	9/7/2017 15:41	27.76	73.7	4.79	3.5	SR4	9/7/2017 21:41	28.02	74.6	4.86	1.6
SR4	9/7/2017 3:46	27.65	69.3	4.55	8.1	SR4	9/7/2017 9:46	27.83	75.4	4.94	2.5	SR4	9/7/2017 15:46	27.75	72.5	4.73	5.7	SR4	9/7/2017 21:46	28.02	74.4	4.85	4.7
SR4	9/7/2017 3:51	27.66	69.7	4.58	7.3	SR4	9/7/2017 9:51	27.82	72.7	4.77	6.2	SR4	9/7/2017 15:51	27.76	76.0	4.94	5.9	SR4	9/7/2017 21:51	28.01	74.8	4.88	1.8
SR4	9/7/2017 3:56	27.67	69.7	4.58	7.0	SR4	9/7/2017 9:56	27.84	75.0	4.93	6.0	SR4	9/7/2017 15:56	27.76	73.2	4.77	3.1	SR4	9/7/2017 21:56	28.01	74.5	4.86	1.9
SR4	9/7/2017 4:01	27.65	69.9	4.59	6.7	SR4	9/7/2017 10:01	27.85	74.1	4.86	5.8	SR4	9/7/2017 16:01	27.76	71.4	4.66	4.6	SR4	9/7/2017 22:01	28.02	74.3	4.84	4.1
SR4	9/7/2017 4:06	27.62	69.5	4.57	3.9	SR4	9/7/2017 10:06	27.81	74.7	4.90	2.1	SR4	9/7/2017 16:06	27.76	71.1	4.65	6.3	SR4	9/7/2017 22:06	28.04	73.9	4.82	2.2
SR4	9/7/2017 4:11	27.65	68.8	4.52	2.7	SR4	9/7/2017 10:11	27.80	74.7	4.90	5.3	SR4	9/7/2017 16:11	27.77	72.6	4.74	5.7	SR4	9/7/2017 22:11	28.03	73.6	4.80	4.0
SR4	9/7/2017 4:16	27.67	68.5	4.50	6.5	SR4	9/7/2017 10:16	27.81	74.0	4.85	0.9	SR4	9/7/2017 16:16	27.80	75.4	4.91	3.3	SR4	9/7/2017 22:16	28.04	74.3	4.84	4.2
SR4	9/7/2017 4:21	27.67	68.2	4.49	4.2	SR4	9/7/2017 10:21	27.83	74.3	4.87	0.6	SR4	9/7/2017 16:21	27.83	74.8	4.87	2.0	SR4	9/7/2017 22:21	28.03	74.7	4.87	5.0
SR4	9/7/2017 4:26	27.66	68.4	4.50	3.1	SR4	9/7/2017 10:26	27.83	74.1	4.85	5.9	SR4	9/7/2017 16:26	27.85	72.7	4.74	4.6	SR4	9/7/2017 22:26	28.02	73.8	4.82	0.7
SR4	9/7/2017 4:31	27.66	68.4	4.50	8.2	SR4	9/7/2017 10:31	27.85	73.6	4.83	4.6	SR4	9/7/2017 16:31	27.85	73.4	4.79	3.5	SR4	9/7/2017 22:31	28.01	73.4	4.79	3.9
SR4	9/7/2017 4:36	27.63	68.6	4.51	3.1	SR4	9/7/2017 10:36	27.82	73.4	4.81	3.5	SR4	9/7/2017 16:36	27.86	72.7	4.75	6.9	SR4	9/7/2017 22:36	28.01	73.0	4.76	4.1
SR4	9/7/2017 4:41	27.64	68.2	4.49	7.8	SR4	9/7/2017 10:41	27.83	73.7	4.83	5.1	SR4	9/7/2017 16:41	27.89	71.5	4.67	2.2	SR4	9/7/2017 22:41	28.01	74.6	4.87	3.1
SR4	9/7/2017 4:46	27.65	68.5	4.50	8.2	SR4	9/7/2017 10:46	27.83	73.9	4.85	3.8	SR4	9/7/2017 16:46	27.89	71.9	4.70	2.0	SR4	9/7/2017 22:46	27.98	73.7	4.81	0.5
SR4	9/7/2017 4:51	27.66	68.8	4.53	8.5	SR4	9/7/2017 10:51	27.82	75.4	4.94	4.6	SR4	9/7/2017 16:51	27.90	72.6	4.74	5.1	SR4	9/7/2017 22:51	27.95	71.7	4.68	2.3
SR4	9/7/2017 4:56	27.67	68.7	4.52	6.4	SR4	9/7/2017 10:56	27.81	74.3	4.87	1.7	SR4	9/7/2017 16:56	27.93	73.7	4.81	2.1	SR4	9/7/2017 22:56	27.93	73.2	4.78	1.4
SR4	9/7/2017 5:01	27.67	68.9	4.53	5.4	SR4	9/7/2017 11:01	27.80	76.1	4.99	1.0	SR4	9/7/2017 17:01	27.96	73.2	4.78	1.7	SR4	9/7/2017 23:01	27.95	72.7	4.75	3.1
SR4	9/7/2017 5:06	27.69	69.5	4.57	3.7	SR4	9/7/2017 11:06	27.83	75.6	4.95	3.2	SR4	9/7/2017 17:06	28.02	73.3	4.79	1.6	SR4	9/7/2017 23:06	27.96	72.4	4.73	5.8
SR4	9/7/2017 5:11	27.73	71.5	4.78	4.4	SR4	9/7/2017 11:11	27.82	75.6	4.95	2.4	SR4	9/7/2017 17:11	28.07	73.9	4.82	3.7	SR4	9/7/2017 23:11	27.97	71.6	4.68	1.5
SR4	9/7/2017 5:16	27.74	75.8	5.02	6.1	SR4	9/7/2017 11:16	27.82	72.3	4.75	3.7	SR4	9/7/2017 17:16	28.09	73.8	4.82	0.9	SR4	9/7/2017 23:16	27.96	72.0	4.70	1.7
SR4	9/7/2017 5:21	27.75	73.9	4.85	6.8	SR4	9/7/2017 11:21	27.82	73.0	4.79	4.1	SR4	9/7/2017 17:21	28.09	73.5	4.80	1.9	SR4	9/7/2017 23:21	27.94	73.5	4.80	5.0
SR4	9/7/2017 5:26	27.77	73.5	4.86	5.4	SR4	9/7/2017 11:26	27.82	74.9	4.91	3.6	SR4	9/7/2017 17:26	28.11	73.7	4.81	4.9	SR4	9/7/2017 23:26	27.94	73.3	4.79	1.3
SR4	9/7/2017 5:31	27.79	74.3	4.95	8.3	SR4	9/7/2017 11:31	27.82	74.4	4.87	3.3	SR4	9/7/2017 17:31	28.13	72.6	4.74	3.8	SR4	9/7/2017 23:31	27.96	73.4	4.79	5.3
SR4	9/7/2017 5:36	27.81	74.0	4.85	6.0	SR4	9/7/2017 11:36	27.83	75.0	4.91	2.6	SR4	9/7/2017 17:36	28.14	73.2	4.78	2.4	SR4	9/7/2017 23:36	27.94	73.0	4.77	5.1
SR4	9/7/2017 5:41	27.82	74.4	4.90	5.4	SR4	9/7/2017 11:41	27.81	76.3	4.99	6.2	SR4	9/7/2017 17:41	28.15	73.6	4.80	3.0	SR4	9/7/2017 23:41	27.95	72.6	4.74	1.6
SR4	9/7/2017 5:46	27.83	73.9	4.90	6.0	SR4	9/7/2017 11:46	27.80	75.8	4.96	2.5	SR4	9/7/2017 17:46	28.15	74.1	4.83	2.9	SR4	9/7/2017 23:46	27.94	73.2	4.78	5.2
SR4	9/7/2017 5:51	27.84	74.5	4.88	3.9	SR4	9/7/2017 11:51	27.84	76.1	4.98	0.8	SR4	9/7/2017 17:51	28.17	74.7	4.86	0.9	SR4	9/7/2017 23:51	27.93	72.6	4.74	2.3
SR4	9/7/2017 5:56	27.85	74.6	4.95	3.5	SR4	9/7/2017 11:56	27.86	75.7	4.95	3.2	SR4	9/7/2017 17:56	28.18	74.6	4.86	2.1	SR4	9/7/2017 23:56	27.92	72.3	4.72	3.7

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR5	9/7/2017 0:00	27.82	76.8	5.34	6.4	SR5	9/7/2017 6:00	27.82	80.1	5.61	6.7	SR5	9/7/2017 12:00	28.09	76.3	5.37	4.0	SR5	9/7/2017 18:00	28.04	76.2	5.34	6.8
SR5	9/7/2017 0:05	27.96	77.2	5.38	6.9	SR5	9/7/2017 6:05	27.74	80.3	5.63	5.3	SR5	9/7/2017 12:05	28.16	76.1	5.34	6.2	SR5	9/7/2017 18:05	27.95	76.2	5.34	6.1
SR5	9/7/2017 0:10	27.87	78.1	5.44	6.4	SR5	9/7/2017 6:10	27.83	79.5	5.56	7.0	SR5	9/7/2017 12:10	27.99	75.7	5.32	7.4	SR5	9/7/2017 18:10	28.02	76.0	5.33	6.8
SR5	9/7/2017 0:15	27.97	78.6	5.48	5.3	SR5	9/7/2017 6:15	27.78	78.9	5.56	4.6	SR5	9/7/2017 12:15	28.16	75.8	5.31	6.9	SR5	9/7/2017 18:15	28.00	76.0	5.32	5.8
SR5	9/7/2017 0:20	27.90	79.1	5.52	7.7	SR5	9/7/2017 6:20	27.82	79.3	5.58	5.5	SR5	9/7/2017 12:20	28.15	75.8	5.31	6.0	SR5	9/7/2017 18:20	28.00	76.1	5.33	6.6
SR5	9/7/2017 0:25	27.92	79.2	5.52	7.7	SR5	9/7/2017 6:25	27.93	80.8	5.67	6.6	SR5	9/7/2017 12:25	28.13	76.0	5.32	4.9	SR5	9/7/2017 18:25	27.86	76.4	5.35	6.1
SR5	9/7/2017 0:30	27.83	79.0	5.51	7.8	SR5	9/7/2017 6:30	27.95	80.7	5.65	5.1	SR5	9/7/2017 12:30	28.00	75.9	5.31	5.8	SR5	9/7/2017 18:30	27.99	76.3	5.34	5.9
SR5	9/7/2017 0:35	27.97	79.0	5.51	5.3	SR5	9/7/2017 6:35	27.93	80.8	5.66	7.2	SR5	9/7/2017 12:35	28.01	76.2	5.32	4.7	SR5	9/7/2017 18:35	27.97	76.4	5.35	6.8
SR5	9/7/2017 0:40	27.93	78.5	5.47	7.7	SR5	9/7/2017 6:40	27.92	81.3	5.68	4.9	SR5	9/7/2017 12:40	28.14	76.3	5.34	4.2	SR5	9/7/2017 18:40	27.90	76.9	5.38	6.3
SR5	9/7/2017 0:45	27.86	78.2	5.44	8.2	SR5	9/7/2017 6:45	27.96	81.1	5.72	6.6	SR5	9/7/2017 12:45	28.02	77.7	5.41	5.4	SR5	9/7/2017 18:45	28.00	76.5	5.35	6.4
SR5	9/7/2017 0:50	27.83	77.8	5.41	8.6	SR5	9/7/2017 6:50	27.92	81.1	5.68	5.2	SR5	9/7/2017 12:50	28.00	76.4	5.34	3.9	SR5	9/7/2017 18:50	27.98	76.4	5.35	6.3
SR5	9/7/2017 0:55	27.86	77.2	5.37	6.6	SR5	9/7/2017 6:55	27.85	81.6	5.76	6.0	SR5	9/7/2017 12:55	27.99	77.3	5.39	4.7	SR5	9/7/2017 18:55	27.84	76.1	5.31	6.3
SR5	9/7/2017 1:00	27.88	76.9	5.35	5.6	SR5	9/7/2017 7:00	27.90	81.9	5.79	6.8	SR5	9/7/2017 13:00	28.11	75.6	5.29	5.0	SR5	9/7/2017 19:00	27.97	76.1	5.33	6.8
SR5	9/7/2017 1:05	27.96	77.3	5.37	6.2	SR5	9/7/2017 7:05	27.90	81.1	5.70	5.0	SR5	9/7/2017 13:05	27.99	75.9	5.31	6.6	SR5	9/7/2017 19:05	27.95	77.3	5.40	6.9
SR5	9/7/2017 1:10	27.96	78.4	5.45	7.9	SR5	9/7/2017 7:10	27.92	82.0	5.76	4.1	SR5	9/7/2017 13:10	27.95	75.6	5.29	4.8	SR5	9/7/2017 19:10	27.98	77.3	5.41	7.1
SR5	9/7/2017 1:15	27.96	78.6	5.47	7.2	SR5	9/7/2017 7:15	28.09	80.5	5.65	7.3	SR5	9/7/2017 13:15	28.06	75.3	5.27	6.5	SR5	9/7/2017 19:15	27.81	77.2	5.40	5.9
SR5	9/7/2017 1:20	27.81	78.6	5.47	7.6	SR5	9/7/2017 7:20	28.09	79.7	5.60	4.7	SR5	9/7/2017 13:20	28.01	76.4	5.33	5.5	SR5	9/7/2017 19:20	27.83	76.9	5.39	6.5
SR5	9/7/2017 1:25	27.80	79.1	5.51	6.3	SR5	9/7/2017 7:25	28.07	79.9	5.61	4.5	SR5	9/7/2017 13:25	28.11	74.9	5.23	5.9	SR5	9/7/2017 19:25	28.01	77.4	5.42	6.1
SR5	9/7/2017 1:30	27.98	79.3	5.53	5.7	SR5	9/7/2017 7:30	28.23	79.3	5.57	7.2	SR5	9/7/2017 13:30	28.01	74.4	5.19	6.8	SR5	9/7/2017 19:30	27.86	77.4	5.42	6.7
SR5	9/7/2017 1:35	28.00	79.3	5.52	6.3	SR5	9/7/2017 7:35	28.18	78.9	5.54	6.4	SR5	9/7/2017 13:35	27.96	73.8	5.16	4.0	SR5	9/7/2017 19:35	27.80	77.8	5.44	5.9
SR5	9/7/2017 1:40	27.93	78.4	5.46	6.8	SR5	9/7/2017 7:40	28.18	78.3	5.50	5.4	SR5	9/7/2017 13:40	28.07	75.5	5.26	7.3	SR5	9/7/2017 19:40	28.00	77.7	5.43	6.6
SR5	9/7/2017 1:45	27.98	78.0	5.43	6.0	SR5	9/7/2017 7:45	28.09	78.2	5.48	6.1	SR5	9/7/2017 13:45	27.97	75.6	5.25	5.6	SR5	9/7/2017 19:45	27.96	78.5	5.49	7.4
SR5	9/7/2017 1:50	28.00	77.6	5.41	6.9	SR5	9/7/2017 7:50	28.21	78.1	5.48	4.8	SR5	9/7/2017 13:50	28.10	73.9	5.50	7.5	SR5	9/7/2017 19:50	28.09	79.7	5.58	6.7
SR5	9/7/2017 1:55	27.84	77.4	5.39	5.5	SR5	9/7/2017 7:55	28.31	77.8	5.46	4.3	SR5	9/7/2017 13:55	27.96	73.2	5.47	4.0	SR5	9/7/2017 19:55	28.02	80.0	5.60	6.7
SR5	9/7/2017 2:00	27.98	76.9	5.36	7.8	SR5	9/7/2017 8:00	28.15	77.6	5.46	4.1	SR5	9/7/2017 14:00	27.97	72.2	5.39	6.6	SR5	9/7/2017 20:00	28.06	80.3	5.62	7.4
SR5	9/7/2017 2:05	27.87	76.9	5.36	7.7	SR5	9/7/2017 8:05	28.27	76.0	5.35	7.3	SR5	9/7/2017 14:05	27.99	72.0	5.37	5.1	SR5	9/7/2017 20:05	27.93	81.0	5.67	7.1
SR5	9/7/2017 2:10	27.88	78.2	5.46	6.2	SR5	9/7/2017 8:10	28.28	75.3	5.35	5.2	SR5	9/7/2017 14:10	28.10	72.4	5.40	4.3	SR5	9/7/2017 20:10	28.08	80.6	5.63	6.2
SR5	9/7/2017 2:15	27.88	78.2	5.45	6.1	SR5	9/7/2017 8:15	28.36	76.7	5.42	7.0	SR5	9/7/2017 14:15	28.05	73.0	5.44	5.1	SR5	9/7/2017 20:15	27.95	80.4	5.62	7.3
SR5	9/7/2017 2:20	27.92	78.0	5.44	5.7	SR5	9/7/2017 8:20	28.21	78.5	5.57	5.7	SR5	9/7/2017 14:20	27.91	73.4	5.46	5.9	SR5	9/7/2017 20:20	28.06	80.1	5.60	7.4
SR5	9/7/2017 2:25	27.90	77.8	5.43	7.7	SR5	9/7/2017 8:25	28.32	78.9	5.60	4.7	SR5	9/7/2017 14:25	27.94	70.8	5.28	6.0	SR5	9/7/2017 20:25	27.94	95.9	6.85	6.5
SR5	9/7/2017 2:30	27.97	76.0	5.29	7.1	SR5	9/7/2017 8:30	28.36	80.5	5.70	5.8	SR5	9/7/2017 14:30	27.97	71.1	5.29	6.9	SR5	9/7/2017 20:30	28.06	79.0	5.54	7.1
SR5	9/7/2017 2:35	28.09	77.9	5.72	6.1	SR5	9/7/2017 8:35	28.36	80.0	5.65	6.9	SR5	9/7/2017 14:35	28.00	69.0	5.16	7.3	SR5	9/7/2017 20:35	27.99	79.9	5.60	6.2
SR5	9/7/2017 2:40	27.98	79.7	5.85	7.7	SR5	9/7/2017 8:40	28.29	80.6	5.69	5.2	SR5	9/7/2017 14:40	28.02	70.1	5.21	5.7	SR5	9/7/2017 20:40	27.93	79.4	5.55	7.2
SR5	9/7/2017 2:45	27.91	78.4	5.76	8.0	SR5	9/7/2017 8:45	28.31	81.1	5.73	4.8	SR5	9/7/2017 14:45	27.98	77.6	5.76	6.1	SR5	9/7/2017 20:45	28.04	77.9	5.46	6.8
SR5	9/7/2017 2:50	27.90	76.4	5.63	8.0	SR5	9/7/2017 8:50	28.17	82.0	5.80	3.9	SR5	9/7/2017 14:50	28.11	78.3	5.84	5.6	SR5	9/7/2017 20:50	28.02	77.5	5.42	7.1
SR5	9/7/2017 2:55	28.05	75.6	5.58	8.4	SR5	9/7/2017 8:55	28.26	80.6	5.70	6.1	SR5	9/7/2017 14:55	28.03	78.8	5.88	4.3	SR5	9/7/2017 20:55	27.96	77.9	5.45	6.2
SR5	9/7/2017 3:00	28.03	75.2	5.56	7.7	SR5	9/7/2017 9:00	28.29	81.4	5.76	5.4	SR5	9/7/2017 15:00	27.93	79.0	5.90	6.0	SR5	9/7/2017 21:00	28.12	76.8	5.37	7.3
SR5	9/7/2017 3:05	27.90	75.3	5.58	6.7	SR5	9/7/2017 9:05	28.25	80.4	5.67	6.3	SR5	9/7/2017 15:05	28.04	79.0	5.91	6.6	SR5	9/7/2017 21:05	28.12	76.6	5.37	6.4
SR5	9/7/2017 3:10	27.88	77.1	5.70	5.5	SR5	9/7/2017 9:10	28.30	79.6	5.60	6.2	SR5	9/7/2017 15:10	27.94	79.3	5.94	5.0	SR5	9/7/2017 21:10	28.01	77.5	5.43	7.4
SR5	9/7/2017 3:15	28.06	80.5	5.95	6.9	SR5						SR5	9/7/2017 15:15	27.96	79.5	5.96	6.7	SR5	9/7/2017 21:15	28.08	78.0	5.48	7.2
SR5	9/7/2017 3:20	27.98	82.3	6.07	7.5	SR5						SR5	9/7/2017 15:20	27.98	78.9	5.91	5.9	SR5	9/7/2017 21:20	28.07	78.8	5.53	6.8
SR5	9/7/2017 3:25	28.08	83.0	6.13	6.6	SR5						SR5	9/7/2017 15:25	28.03	78.5	5.88	7.4	SR5	9/7/2017 21:25	28.01	78.4	5.51	6.7
SR5	9/7/2017 3:30	27.96	83.2	6.14	7.7	SR5	9/7/2017 9:30	28.31	78.1	5.49	5.0	SR5	9/7/2017 15:30	28.04	78.5	5.88	5.7	SR5	9/7/2017 21:30	27.99	78.3	5.50	7.0
SR5	9/7/2017 3:35	28.03	83.0	6.13	8.6	SR5	9/7/2017 9:35	28.15	77.8	5.47	7.4	SR5	9/7/2017 15:35	27.91	78.4	5.87	6.5	SR5	9/7/2017 21:35	27.94	78.0	5.47	6.3
SR5	9/7/2017 3:40	27.88	82.8	6.12	5.3	SR5	9/7/2017 9:40	28.28	78.2	5.49	6.0	SR5	9/7/2017 15:40	28.06	77.9	5.84	6.9	SR5	9/7/2017 21:40	28.13	77.2	5.41	7.0
SR5	9/7/2017 3:45	27.89	82.1	6.06	5.7	SR5	9/7/2017 9:45	28.24	79.2	5.55	4.1	SR5	9/7/2017 15:45	27.98	77.6	5.81	7.0	SR5	9/7/2017 21:45	27.99	76.6	5.37	7.0
SR5	9/7/2017 3:50	27.87	81.6	6.03	5.6	SR5	9/7/2017 9:50	28.28	78.6	5.52	4.3	SR5	9/7/2017 15:50	27.98	77.3	5.78	6.9	SR5	9/7/2017 21:50	28.06	76.1	5.32	6.8
SR5	9/7/2017 3:55	27.96	80.5	5.95	6.3	SR5	9/7/2017 9:55	28.17	80.7	5.67	5.7	SR5	9/7/2017 15:55	27.95	73.3	5.48	6.5	SR5	9/7/2017 21:55	27.98	76.5	5.34	5.8
SR5	9/7/2017 4:00	27.84	80.2	5.92	6.8	SR5	9/7/2017 10:00	28.16	81.3	5.71	5.4	SR5	9/7/2017 16:00	28.11	72.7	5.45	6.2	SR5	9/7/2017 22:00	28.04	76.8	5.36	6.6
SR5	9/7/2017 4:05	27.91	79.9	5.90	5.4	SR5	9/7/2017 10:05	28.19	82.2	5.77	4.5	SR5	9/7/2017 16:05	28.02	72.6	5.45	6.1	SR5	9/7/2017 22:05	27.99	76.6	5.35	6.3
SR5	9/7/2017 4:10	27.78	79.6	5.88	6.7	SR5	9/7/2017 10:10	28.19	82.4	5.78	7.6	SR5	9/7/2017 16:10	27.99	73.2	5.49	6.1	SR5	9/7/2017 22:10	28.00	75.6	5.27	6.4
SR5	9/7/2017 4:15	27.80	75.2	5.24	4.5	SR5	9/7/2017 10:15	28.26	82.0	5.75	4.8	SR5	9/7/2017 16:15	27.98	74.9	5.23	6.4	SR5	9/7/2017 22:15	28.06	75.4	5.24	7.1
SR5	9/7/2017 4:20	27.87	75.7	5.29	3.9	SR5	9/7/2017 10:20	28.23	82.4	5.78	7.0	SR5	9/7/2017 16:20	28.01	74.5	5.20	6.9	SR5	9/7/2017 22:20	28.15	75.6	5.25	7.0
SR5	9/7/2017 4:25	27.96	75.7	5.29	6.4	SR5	9/7/2017 10:25	28.29	81.8	5.74	4.4	SR5	9/7/2017 16:25	28.08	73.3	5.48	6.7	SR5	9/7/2017 22:25	28.10	75.5	5.25	6.6
SR5	9/7/2017 4:30	27.81	76.4	5.33	5.9	SR5	9/7/2017 10:30	28.18	81.0	5.69	6.4	SR5	9/7/2017 16:30	27.94	73.4	5.49	7.1	SR5	9/7/2017 22:30	28.12	77.2	5.39	6.5
SR5	9/7/2017 4:35	27.86	76.0	5.30	7.5	SR5	9/7/2017 10:35	28.21	80.6	5.67	5.0	SR5	9/7/2017 16:35	27.89	73.0	5.46	6.8	SR5	9/7/2017 22:35	28.07	78.3	5.47	6.8
SR5	9/7/2017 4:40	27.84	75.5	5.27	6.0	SR5	9/7/2017 10:40	28.31	80.5	5.66	4.2	SR5	9/7/2017 16:40	28.02	73.1	5.48	6.6	SR5	9/7/2017 22:40	27.96	80.0	5.60	7.3
SR5	9/7/2017 4:45	28.03	76.8	5.37	5.6	SR5	9/7/2017 10:45	28.26	80.3	5.65	4.9	SR5	9/7/2017 16:45	27.96	73.2	5.48	6.9	SR5	9/7/2017 22:45	27.99	80.0	5.61	7.5
SR5	9/7/2017 4:50	27.98	77.3	5.40	4.1	SR5	9/7/2017 10:50	28.21	80.3	5.65	4.9	SR5	9/7/2017 16:50	27.96	74.3	5.19	6.2	SR5	9/7/2017 22:50	27.91	79.5	5.60	7.2
SR5	9/7/2017 4:55	27.97	77.0	5.39	6.8	SR5	9/7/2017 10:55	28.10	79.0	5.57	4.3	SR5	9/7/2017 16:55	27.98	75.1	5.24	7.1	SR5	9/7/2017 22:55	27.96	80.6	5.68	7.2
SR5	9/7/2017 5:00	28.01	77.4	5.41	5.3	SR5	9/7/2017 11:00	28.12	79.6	5.61	6.3	SR5	9/7/2017 17:00	28.05	75.4	5.27	5.9	SR5	9/7/2017 23:00	28.07	80.4	5.66	6.7
SR5	9/7/2017 5:05	27.93	77.1	5.38	4.3	SR5	9/7/2017 11:05	28.10	79.0	5.57	6.5	SR5	9/7/2017 17:05	27.95	75.8	5.32	7.1	SR5	9/7/2017 23:05	27.86	80.1	5.64	6.7
SR5	9/7/2017 5:10	27.89	78.3	5.50	7.3	SR5	9/7/2017 11:10	28.06	78.9	5.57	4.5	SR5	9/7/2017 17:10	27.89	76.4	5.35	6.9	SR5	9/7/2017 23:10	28.08	79.2	5.57	6.9
SR5	9/7/2017 5:15	27.98	79.9	5.58	5.4	SR5	9/7/2017 11:15	28.05	77.4	5.48	4.9	SR5	9/7/2017 17:15	28.03	76.4	5.36	6.1	SR5	9/7/2017 23:15	28.02	79.1	5.56	6.8
SR5	9/7/2017 5:20	28.02	79.7	5.55	4.3	SR5	9/7/2017 11:20	28.07	77.5	5.48	4.6	SR5	9/7/2017 17:20	27.98	76.3	5.36	6.9	SR5	9/7/2017 23:20	28.08	79.6	5.58	6.6
SR5	9/7/2017 5:25	28.01	79.7	5.57	6.1	SR5	9/7/2017 11:25	28.10	78.2	5.52	7.4	SR5	9/7/2017 17:25	27.90	76.5	5.38	6.6	SR5	9/7/2017 23:25	27.94	78.8	5.53	6.5
SR5	9/7/2017 5:30	27.80	80.4	5.63	5.9	SR5	9/7/2017 11:30	28.24	77.8	5.49	6.9	SR5	9/7/2017 17:30	27.88	76.1	5.35	6.3	SR5	9/7/2017 23:30	28.06	78.2	5.47	6.7
SR5	9/7/2017 5:35	27.80	80.9	5.63	4.4	SR5	9/7/2017 11:35	28.09	78.0	5.50	4.7	SR5	9/7/2017 17:35	27.93	76.1	5.35	7.0	SR5	9/7/2017 23:35	28.08	77.5	5.42	7.3
SR5	9/7/2017 5:40	27.81	80.4	5.60	7.4	SR5	9/7/2017 11:40	28.05	78.3	5.52	5.0	SR5	9/7/2017 17:40	28.06	76.1	5.34	6.6	SR5	9/7/2017 23:40	28.01	76.8	5.37	7.0
SR5	9/7/2017 5:45	27.83	80.2	5.61	7.5	SR5	9/7/2017 11:45	28.08	77.7	5.47	5.3	SR5	9/7/2017 17:45	28.04	76.3	5.36	6.0	SR5	9/7/2017 23:45	28.00	76.6	5.35	6.8
SR5	9/7/2017 5:50	27.84	80.4	5.59	3.9	SR5	9/7/2017 11:50	28.03	77.7	5.46	4.2	SR5	9/7/2017 17:50	27.91	76.6	5.37	6.1	SR5	9/7/2017 23:50	28.01	76.4	5.33	6.7
SR5	9/7/2017 5:55	27.83	80.2	5.61	4.3	SR5	9/7/2017 11:55	28.09	77.2	5.42	7.0	SR5	9/7/2017 17:55	27.91	76.3	5.35	6.2	SR5	9/7/2017 23:55	28.09	75.9	5.30	6.7

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR12	9/7/2017 0:01	27.87	72.7	5.26	5.4	SR12	9/7/2017 6:01	27.86	75.1	5.49	6.2	SR12	9/7/2017 12:01	28.19	79.4	5.79	7.0	SR12	9/7/2017 18:01	27.97	75.1	5.43	5.1
SR12	9/7/2017 0:06	27.90	71.7	5.19	4.8	SR12	9/7/2017 6:06	27.89	75.1	5.49	7.3	SR12	9/7/2017 12:06	28.04	80.1	5.84	5.1	SR12	9/7/2017 18:06	27.86	74.9	5.41	4.4
SR12	9/7/2017 0:11	27.89	71.8	5.20	4.7	SR12	9/7/2017 6:11	27.84	74.8	5.46	7.4	SR12	9/7/2017 12:11	28.04	79.1	5.77	7.6	SR12	9/7/2017 18:11	27.90	74.9	5.41	5.7
SR12	9/7/2017 0:16	27.91	71.6	5.18	5.8	SR12	9/7/2017 6:16	27.77	75.0	5.52	5.9	SR12	9/7/2017 12:16	28.01	78.3	5.69	6.8	SR12	9/7/2017 18:16	27.90	75.4	5.45	5.6
SR12	9/7/2017 0:21	27.92	71.5	5.18	5.1	SR12	9/7/2017 6:21	27.87	76.0	5.58	6.4	SR12	9/7/2017 12:21	28.19	77.3	5.61	5.3	SR12	9/7/2017 18:21	27.85	75.2	5.44	4.7
SR12	9/7/2017 0:26	27.94	71.6	5.18	4.7	SR12	9/7/2017 6:26	27.76	78.4	5.75	7.0	SR12	9/7/2017 12:26	28.17	81.4	5.93	4.1	SR12	9/7/2017 18:26	27.94	74.7	5.39	4.7
SR12	9/7/2017 0:31	27.99	71.8	5.20	4.7	SR12	9/7/2017 6:31	27.86	78.1	5.71	4.4	SR12	9/7/2017 12:31	28.10	80.6	5.87	4.2	SR12	9/7/2017 18:31	27.90	74.1	5.35	4.2
SR12	9/7/2017 0:36	27.94	71.7	5.20	7.0	SR12	9/7/2017 6:36	27.90	77.6	5.68	7.7	SR12	9/7/2017 12:36	28.09	80.5	5.86	5.7	SR12	9/7/2017 18:36	28.04	74.5	5.38	4.7
SR12	9/7/2017 0:41	27.96	71.1	5.15	6.0	SR12	9/7/2017 6:41	27.94	76.2	5.54	4.5	SR12	9/7/2017 12:41	28.06	80.7	5.88	5.0	SR12	9/7/2017 18:41	28.00	74.6	5.38	5.1
SR12	9/7/2017 0:46	27.97	71.4	5.17	6.0	SR12	9/7/2017 6:46	27.88	76.8	5.64	4.9	SR12	9/7/2017 12:46	28.06	81.1	5.88	4.3	SR12	9/7/2017 18:46	28.00	74.6	5.39	6.1
SR12	9/7/2017 0:51	27.86	71.3	5.16	6.9	SR12	9/7/2017 6:51	27.78	77.7	5.66	6.1	SR12	9/7/2017 12:51	28.03	77.6	5.63	6.4	SR12	9/7/2017 18:51	27.94	74.9	5.41	6.3
SR12	9/7/2017 0:56	27.93	70.4	5.09	6.8	SR12	9/7/2017 6:56	27.96	76.4	5.59	7.7	SR12	9/7/2017 12:56	28.07	78.2	5.66	4.3	SR12	9/7/2017 18:56	27.92	75.2	5.43	4.7
SR12	9/7/2017 1:01	27.94	70.0	5.06	7.3	SR12	9/7/2017 7:01	27.95	74.3	5.43	6.8	SR12	9/7/2017 13:01	28.09	78.7	5.73	4.6	SR12	9/7/2017 19:01	27.85	74.0	5.34	4.2
SR12	9/7/2017 1:06	27.97	69.3	5.01	5.6	SR12	9/7/2017 7:06	27.83	76.2	5.55	6.2	SR12	9/7/2017 13:06	28.15	81.8	5.97	5.2	SR12	9/7/2017 19:06	27.89	74.6	5.39	4.3
SR12	9/7/2017 1:11	27.89	69.8	5.04	7.8	SR12	9/7/2017 7:11	27.91	76.7	5.57	4.3	SR12	9/7/2017 13:11	28.07	81.6	5.95	6.1	SR12	9/7/2017 19:11	27.86	73.6	5.31	4.6
SR12	9/7/2017 1:16	27.84	69.8	5.05	5.9	SR12	9/7/2017 7:16	27.97	76.0	5.53	4.8	SR12	9/7/2017 13:16	28.00	81.6	5.96	6.3	SR12	9/7/2017 19:16	27.91	75.3	5.45	4.2
SR12	9/7/2017 1:21	27.83	69.3	5.00	5.6	SR12	9/7/2017 7:21	27.88	75.8	5.52	6.4	SR12	9/7/2017 13:21	28.08	82.5	6.01	5.8	SR12	9/7/2017 19:21	27.99	75.1	5.43	5.0
SR12	9/7/2017 1:26	27.85	69.1	4.99	7.1	SR12	9/7/2017 7:26	28.08	76.8	5.59	7.7	SR12	9/7/2017 13:26	28.13	82.5	6.02	4.2	SR12	9/7/2017 19:26	27.83	74.2	5.36	5.8
SR12	9/7/2017 1:31	27.97	69.3	5.01	7.0	SR12	9/7/2017 7:31	28.05	76.8	5.59	6.2	SR12	9/7/2017 13:31	27.96	80.6	5.88	5.4	SR12	9/7/2017 19:31	27.93	74.6	5.39	4.6
SR12	9/7/2017 1:36	27.87	69.3	5.00	6.5	SR12	9/7/2017 7:36	28.08	75.1	5.45	7.6	SR12	9/7/2017 13:36	27.96	79.6	5.81	6.2	SR12	9/7/2017 19:36	27.91	75.1	5.43	6.2
SR12	9/7/2017 1:41	27.82	68.5	4.95	5.5	SR12	9/7/2017 7:41	28.08	74.0	5.37	6.1	SR12	9/7/2017 13:41	28.13	81.2	5.90	6.3	SR12	9/7/2017 19:41	28.01	75.0	5.42	4.8
SR12	9/7/2017 1:46	27.96	68.0	4.91	6.3	SR12	9/7/2017 7:46	28.12	76.1	5.53	4.9	SR12	9/7/2017 13:46	27.97	79.8	5.77	5.3	SR12	9/7/2017 19:46	27.92	75.0	5.42	4.8
SR12	9/7/2017 1:51	27.93	67.7	4.89	7.1	SR12	9/7/2017 7:51	28.14	76.4	5.56	6.0	SR12	9/7/2017 13:51	27.94	78.4	5.69	6.5	SR12	9/7/2017 19:51	27.92	73.2	5.28	5.7
SR12	9/7/2017 1:56	27.82	67.7	4.89	6.5	SR12	9/7/2017 7:56	28.20	75.2	5.46	7.7	SR12	9/7/2017 13:56	28.10	77.8	5.66	5.6	SR12	9/7/2017 19:56	27.94	73.8	5.33	6.0
SR12	9/7/2017 2:01	27.96	67.5	4.88	4.6	SR12	9/7/2017 8:01	28.20	77.8	5.67	7.7	SR12	9/7/2017 14:01	28.07	77.9	5.68	6.2	SR12	9/7/2017 20:01	28.07	75.3	5.44	5.5
SR12	9/7/2017 2:06	27.88	67.6	4.89	4.8	SR12	9/7/2017 8:06	28.27	77.8	5.68	4.9	SR12	9/7/2017 14:06	28.03	77.5	5.65	6.1	SR12	9/7/2017 20:06	28.06	76.1	5.49	4.6
SR12	9/7/2017 2:11	27.91	68.0	4.92	6.3	SR12	9/7/2017 8:11	28.31	77.6	5.71	7.1	SR12	9/7/2017 14:11	28.11	77.6	5.64	5.9	SR12	9/7/2017 20:11	28.02	75.9	5.48	5.5
SR12	9/7/2017 2:16	27.93	68.0	4.92	5.0	SR12	9/7/2017 8:16	28.12	77.1	5.63	4.8	SR12	9/7/2017 14:16	28.04	78.1	5.67	4.8	SR12	9/7/2017 20:16	28.03	75.5	5.45	5.3
SR12	9/7/2017 2:21	27.97	68.3	4.94	4.5	SR12	9/7/2017 8:21	28.30	77.5	5.68	4.7	SR12	9/7/2017 14:21	27.94	79.4	5.76	5.8	SR12	9/7/2017 20:21	28.01	74.4	5.37	6.0
SR12	9/7/2017 2:26	27.82	68.6	4.96	5.3	SR12	9/7/2017 8:26	28.19	76.2	5.58	7.6	SR12	9/7/2017 14:26	28.01	77.7	5.66	5.0	SR12	9/7/2017 20:26	27.90	91.3	6.70	5.9
SR12	9/7/2017 2:31	28.06	68.7	4.97	5.3	SR12	9/7/2017 8:31	28.19	76.3	5.57	7.7	SR12	9/7/2017 14:31	27.94	78.1	5.68	5.3	SR12	9/7/2017 20:31	28.06	73.6	5.32	5.7
SR12	9/7/2017 2:36	27.91	69.2	5.01	4.8	SR12	9/7/2017 8:36	28.29	77.2	5.63	6.2	SR12	9/7/2017 14:36	27.96	76.8	5.62	4.6	SR12	9/7/2017 20:36	28.10	74.2	5.36	4.3
SR12	9/7/2017 2:41	27.89	70.2	5.09	4.8	SR12	9/7/2017 8:41	28.29	79.1	5.78	6.2	SR12	9/7/2017 14:41	28.00	78.2	5.70	4.3	SR12	9/7/2017 20:41	27.95	74.8	5.40	4.3
SR12	9/7/2017 2:46	27.95	72.2	5.25	5.0	SR12	9/7/2017 8:46	28.37	78.3	5.72	7.1	SR12	9/7/2017 14:46	28.07	81.3	5.96	5.0	SR12	9/7/2017 20:46	28.10	72.9	5.26	4.9
SR12	9/7/2017 2:51	28.02	72.8	5.30	7.3	SR12	9/7/2017 8:51	28.25	77.5	5.66	7.5	SR12	9/7/2017 14:51	27.95	77.8	5.69	6.4	SR12	9/7/2017 20:51	28.00	71.7	5.16	4.0
SR12	9/7/2017 2:56	27.97	72.8	5.30	7.8	SR12	9/7/2017 8:56	28.34	77.5	5.66	5.7	SR12	9/7/2017 14:56	27.98	78.6	5.74	4.7	SR12	9/7/2017 20:56	27.88	73.5	5.29	4.7
SR12	9/7/2017 3:01	27.94	72.6	5.29	5.6	SR12	9/7/2017 9:01	28.36	78.9	5.77	6.1	SR12	9/7/2017 15:01	27.99	79.4	5.79	6.0	SR12	9/7/2017 21:01	27.92	72.9	5.25	6.6
SR12	9/7/2017 3:06	27.88	72.6	5.29	5.0	SR12	9/7/2017 9:06	28.20	78.9	5.76	5.4	SR12	9/7/2017 15:06	28.04	79.4	5.80	4.9	SR12	9/7/2017 21:06	28.01	71.4	5.14	6.4
SR12	9/7/2017 3:11	27.91	72.7	5.30	6.5	SR12	9/7/2017 9:11	28.29	77.7	5.66	6.8	SR12	9/7/2017 15:11	28.02	77.5	5.65	4.6	SR12	9/7/2017 21:11	28.02	72.2	5.19	4.0
SR12	9/7/2017 3:16	28.00	73.3	5.35	7.4	SR12	9/7/2017 9:16	28.23	76.9	5.59	7.4	SR12	9/7/2017 15:16	28.10	78.0	5.71	6.5	SR12	9/7/2017 21:16	27.94	71.0	5.10	5.0
SR12	9/7/2017 3:21	28.03	73.9	5.39	4.6	SR12	9/7/2017 9:21	28.34	76.5	5.57	7.3	SR12	9/7/2017 15:21	28.09	77.4	5.64	5.0	SR12	9/7/2017 21:21	28.13	73.2	5.27	4.9
SR12	9/7/2017 3:26	27.92	74.6	5.43	7.1	SR12	9/7/2017 9:26	28.17	76.7	5.58	4.7	SR12	9/7/2017 15:26	28.05	80.7	5.88	5.5	SR12	9/7/2017 21:26	28.04	73.8	5.33	5.4
SR12	9/7/2017 3:31	27.95	73.9	5.39	6.3	SR12	9/7/2017 9:31	28.35	77.4	5.65	6.2	SR12	9/7/2017 15:31	28.00	77.4	5.61	4.0	SR12	9/7/2017 21:31	28.01	73.4	5.30	6.6
SR12	9/7/2017 3:36	27.98	74.3	5.42	7.1	SR12	9/7/2017 9:36	28.23	83.9	6.16	7.4	SR12	9/7/2017 15:36	28.01	77.6	5.64	5.5	SR12	9/7/2017 21:36	28.14	69.3	4.97	4.3
SR12	9/7/2017 3:41	27.94	75.2	5.50	6.9	SR12	9/7/2017 9:41	28.20	84.0	6.17	4.5	SR12	9/7/2017 15:41	27.97	80.0	5.83	5.2	SR12	9/7/2017 21:41	27.95	71.8	5.17	6.6
SR12	9/7/2017 3:46	27.86	75.2	5.50	4.9	SR12	9/7/2017 9:46	28.23	83.0	6.07	5.9	SR12	9/7/2017 15:46	28.00	78.0	5.68	6.5	SR12	9/7/2017 21:46	28.03	71.6	5.16	5.4
SR12	9/7/2017 3:51	28.03	75.3	5.50	6.2	SR12	9/7/2017 9:51	28.33	81.3	5.96	5.8	SR12	9/7/2017 15:51	27.91	79.4	5.76	5.5	SR12	9/7/2017 21:51	28.11	73.0	5.27	5.1
SR12	9/7/2017 3:56	27.91	75.1	5.49	7.7	SR12	9/7/2017 9:56	28.23	83.8	6.14	6.4	SR12	9/7/2017 15:56	28.03	78.3	5.70	4.7	SR12	9/7/2017 21:56	28.00	72.8	5.25	6.3
SR12	9/7/2017 4:01	27.94	74.4	5.43	4.8	SR12	9/7/2017 10:01	28.32	82.4	6.03	5.1	SR12	9/7/2017 16:01	28.03	77.5	5.65	6.3	SR12	9/7/2017 22:01	27.99	72.8	5.25	5.2
SR12	9/7/2017 4:06	27.98	73.5	5.36	6.6	SR12	9/7/2017 10:06	28.15	85.4	6.27	7.1	SR12	9/7/2017 16:06	27.92	76.0	5.54	6.2	SR12	9/7/2017 22:06	28.05	75.9	5.51	5.7
SR12	9/7/2017 4:11	28.13	73.4	5.36	7.3	SR12	9/7/2017 10:11	28.30	83.2	6.10	6.4	SR12	9/7/2017 16:11	28.06	75.3	5.47	6.5	SR12	9/7/2017 22:11	27.94	77.1	5.61	6.5
SR12	9/7/2017 4:16	27.85	72.7	5.31	6.3	SR12	9/7/2017 10:16	28.28	82.8	6.07	4.7	SR12	9/7/2017 16:16	27.94	75.5	5.46	6.6	SR12	9/7/2017 22:16	27.94	77.5	5.63	4.7
SR12	9/7/2017 4:21	27.91	72.4	5.29	6.4	SR12	9/7/2017 10:21	28.23	82.3	6.02	6.9	SR12	9/7/2017 16:21	28.03	74.4	5.38	6.1	SR12	9/7/2017 22:21	28.05	75.8	5.49	5.2
SR12	9/7/2017 4:26	27.97	72.7	5.31	7.4	SR12	9/7/2017 10:26	28.15	81.0	5.92	6.0	SR12	9/7/2017 16:26	27.98	74.9	5.44	6.5	SR12	9/7/2017 22:26	28.02	78.4	5.71	6.0
SR12	9/7/2017 4:31	27.80	73.2	5.35	5.8	SR12	9/7/2017 10:31	28.31	80.5	5.89	4.6	SR12	9/7/2017 16:31	27.96	75.2	5.45	5.2	SR12	9/7/2017 22:31	27.97	76.5	5.56	6.6
SR12	9/7/2017 4:36	27.88	73.4	5.37	7.1	SR12	9/7/2017 10:36	28.24	80.1	5.86	4.3	SR12	9/7/2017 16:36	27.96	75.0	5.45	6.2	SR12	9/7/2017 22:36	28.14	76.0	5.52	5.0
SR12	9/7/2017 4:41	27.98	71.9	5.25	4.5	SR12	9/7/2017 10:41	28.32	80.2	5.86	5.4	SR12	9/7/2017 16:41	27.96	74.5	5.41	6.1	SR12	9/7/2017 22:41	28.12	76.0	5.51	6.5
SR12	9/7/2017 4:46	27.83	70.7	5.15	6.2	SR12	9/7/2017 10:46	28.19	79.5	5.81	6.0	SR12	9/7/2017 16:46	28.06	74.4	5.41	5.5	SR12	9/7/2017 22:46	28.01	75.0	5.44	5.9
SR12	9/7/2017 4:51	27.88	70.2	5.11	**12.1**	SR12	9/7/2017 10:51	28.26	81.3	5.94	6.1	SR12	9/7/2017 16:51	28.03	76.9	5.60	4.8	SR12	9/7/2017 22:51	28.03	73.4	5.32	4.9
SR12	9/7/2017 4:56	27.93	70.8	5.16	5.0	SR12	9/7/2017 10:56	28.30	79.3	5.79	7.6	SR12	9/7/2017 16:56	28.02	76.1	5.52	5.4	SR12	9/7/2017 22:56	28.13	75.9	5.51	5.1
SR12	9/7/2017 5:01	28.02	73.1	5.34	6.6	SR12	9/7/2017 11:01	28.15	81.1	5.92	4.8	SR12	9/7/2017 17:01	27.89	76.0	5.52	5.4	SR12	9/7/2017 23:01	28.02	73.9	5.36	5.2
SR12	9/7/2017 5:06	27.98	75.7	5.54	6.3	SR12	9/7/2017 11:06	28.10	80.5	5.87	5.2	SR12	9/7/2017 17:06	27.99	75.0	5.45	5.2	SR12	9/7/2017 23:06	28.02	74.5	5.41	2.2
SR12	9/7/2017 5:11	27.94	77.8	5.73	5.2	SR12	9/7/2017 11:11	28.10	79.0	5.75	4.9	SR12	9/7/2017 17:11	27.87	75.9	5.51	4.2	SR12	9/7/2017 23:11	27.89	73.4	5.33	5.0
SR12	9/7/2017 5:16	28.01	79.6	5.83	7.8	SR12	9/7/2017 11:16	28.13	78.9	5.77	4.4	SR12	9/7/2017 17:16	27.97	74.7	5.41	6.6	SR12	9/7/2017 23:16	28.08	74.6	5.42	4.6
SR12	9/7/2017 5:21	27.98	78.6	5.74	5.8	SR12	9/7/2017 11:21	28.18	80.7	5.91	6.9	SR12	9/7/2017 17:21	28.05	74.2	5.38	4.9	SR12	9/7/2017 23:21	28.05	76.8	5.58	5.7
SR12	9/7/2017 5:26	27.93	79.4	5.82	6.0	SR12	9/7/2017 11:26	28.23	78.8	5.74	5.4	SR12	9/7/2017 17:26	28.01	74.7	5.41	4.1	SR12	9/7/2017 23:26	27.94	73.4	5.32	4.8
SR12	9/7/2017 5:31	28.00	80.3	5.90	4.9	SR12	9/7/2017 11:31	28.16	78.4	5.71	7.4	SR12	9/7/2017 17:31	27.89	74.1	5.38	4.8	SR12	9/7/2017 23:31	28.07	74.3	5.38	4.3
SR12	9/7/2017 5:36	27.89	79.5	5.80	4.6	SR12	9/7/2017 11:36	28.20	81.6	5.96	4.4	SR12	9/7/2017 17:36	27.97	74.9	5.43	5.4	SR12	9/7/2017 23:36	28.00	74.0	5.37	5.6
SR12	9/7/2017 5:41	27.84	79.2	5.79	7.5	SR12	9/7/2017 11:41	28.16	81.2	5.92	6.0	SR12	9/7/2017 17:41	28.00	75.9	5.51	5.9	SR12	9/7/2017 23:41	27.88	74.6	5.41	5.7
SR12	9/7/2017 5:46	27.88	78.4	5.74	6.6	SR12	9/7/2017 11:46	28.12	79.6	5.79	4.9	SR12	9/7/2017 17:46	27.94	75.4	5.47	6.1	SR12	9/7/2017 23:46	27.95	74.9	5.44	5.6
SR12	9/7/2017 5:51	27.90	77.0	5.60	4.7	SR12	9/7/2017 11:51	28.07	80.3	5.85	4.5	SR12	9/7/2017 17:51	28.00	75.4	5.45	6.0	SR12	9/7/2017 23:51	27.99	74.8	5.43	5.0
SR12	9/7/2017 5:56	27.82	75.6	5.52	6.7	SR12	9/7/2017 11:56	28.19	80.3	5.85	6.2	SR12	9/7/2017 17:56	28.03	75.2	5.44	5.2	SR12	9/7/2017 23:56	27.96	77.1	5.62	4.6

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR13	9/7/2017 0:00	27.84	73.1	5.02	6.0	SR13	9/7/2017 6:00	27.42	71.8	4.98	5.9	SR13	9/7/2017 12:00	27.43	75.7	5.24	3.5	SR13	9/7/2017 18:00	27.49	77.7	5.38	4.5
SR13	9/7/2017 0:05	27.86	72.3	4.97	6.7	SR13	9/7/2017 6:05	27.43	71.8	4.97	5.4	SR13	9/7/2017 12:05	27.44	74.7	5.16	5.3	SR13	9/7/2017 18:05	27.49	77.4	5.35	4.7
SR13	9/7/2017 0:10	27.86	72.7	5.00	7.4	SR13	9/7/2017 6:10	27.43	70.7	4.89	6.9	SR13	9/7/2017 12:10	27.44	74.2	5.12	4.3	SR13	9/7/2017 18:10	27.48	78.2	5.40	4.4
SR13	9/7/2017 0:15	27.84	72.6	4.99	4.6	SR13	9/7/2017 6:15	27.44	70.4	4.91	7.0	SR13	9/7/2017 12:15	27.44	75.5	5.21	4.3	SR13	9/7/2017 18:15	27.47	77.5	5.33	3.7
SR13	9/7/2017 0:20	27.81	72.7	4.99	6.8	SR13	9/7/2017 6:20	27.44	70.5	4.90	6.0	SR13	9/7/2017 12:20	27.45	75.9	5.24	6.0	SR13	9/7/2017 18:20	27.49	76.9	5.30	6.2
SR13	9/7/2017 0:25	27.79	72.7	4.99	5.0	SR13	9/7/2017 6:25	27.44	71.8	4.98	4.2	SR13	9/7/2017 12:25	27.46	75.9	5.23	5.3	SR13	9/7/2017 18:25	27.47	76.7	5.29	4.7
SR13	9/7/2017 0:30	27.79	73.2	5.03	5.0	SR13	9/7/2017 6:30	27.44	70.7	4.88	6.5	SR13	9/7/2017 12:30	27.48	76.8	5.31	4.9	SR13	9/7/2017 18:30	27.49	76.7	5.29	5.6
SR13	9/7/2017 0:35	27.78	72.9	5.01	6.5	SR13	9/7/2017 6:35	27.45	70.6	4.88	4.1	SR13	9/7/2017 12:35	27.50	76.6	5.30	3.9	SR13	9/7/2017 18:35	27.49	76.5	5.28	5.0
SR13	9/7/2017 0:40	27.78	72.2	4.96	7.5	SR13	9/7/2017 6:40	27.45	71.2	4.90	5.6	SR13	9/7/2017 12:40	27.52	76.6	5.32	3.9	SR13	9/7/2017 18:40	27.47	76.9	5.30	5.2
SR13	9/7/2017 0:45	27.77	71.7	4.93	6.2	SR13	9/7/2017 6:45	27.45	71.0	4.94	5.8	SR13	9/7/2017 12:45	27.54	77.6	5.35	5.7	SR13	9/7/2017 18:45	27.47	76.8	5.29	4.0
SR13	9/7/2017 0:50	27.77	72.1	4.96	6.4	SR13	9/7/2017 6:50	27.46	71.4	4.91	6.2	SR13	9/7/2017 12:50	27.55	76.5	5.30	3.6	SR13	9/7/2017 18:50	27.46	77.5	5.34	3.9
SR13	9/7/2017 0:55	27.76	72.0	4.95	6.8	SR13	9/7/2017 6:55	27.47	71.3	4.94	4.7	SR13	9/7/2017 12:55	27.56	76.7	5.30	4.5	SR13	9/7/2017 18:55	27.49	76.5	5.28	4.1
SR13	9/7/2017 1:00	27.77	72.4	4.97	6.2	SR13	9/7/2017 7:00	27.47	71.6	4.97	7.5	SR13	9/7/2017 13:00	27.57	75.2	5.20	3.1	SR13	9/7/2017 19:00	27.47	76.6	5.29	6.0
SR13	9/7/2017 1:05	27.76	72.7	5.00	5.3	SR13	9/7/2017 7:05	27.47	71.3	4.91	4.9	SR13	9/7/2017 13:05	27.57	76.2	5.27	4.4	SR13	9/7/2017 19:05	27.46	76.2	5.27	4.7
SR13	9/7/2017 1:10	27.75	72.9	5.01	4.9	SR13	9/7/2017 7:10	27.45	73.0	5.03	7.2	SR13	9/7/2017 13:10	27.56	77.1	5.34	5.8	SR13	9/7/2017 19:10	27.46	76.8	5.31	3.4
SR13	9/7/2017 1:15	27.75	72.9	5.01	6.7	SR13	9/7/2017 7:15	27.45	73.0	5.05	4.0	SR13	9/7/2017 13:15	27.59	76.5	5.30	5.7	SR13	9/7/2017 19:15	27.46	78.2	5.42	3.3
SR13	9/7/2017 1:20	27.75	72.3	4.97	5.6	SR13	9/7/2017 7:20	27.45	73.1	5.06	5.6	SR13	9/7/2017 13:20	27.60	77.4	5.35	3.0	SR13	9/7/2017 19:20	27.56	76.3	5.28	4.3
SR13	9/7/2017 1:25	27.77	72.4	4.98	6.6	SR13	9/7/2017 7:25	27.45	73.6	5.09	5.1	SR13	9/7/2017 13:25	27.60	76.2	5.27	4.4	SR13	9/7/2017 19:25	27.61	76.9	5.32	5.2
SR13	9/7/2017 1:30	27.78	72.4	4.98	6.7	SR13	9/7/2017 7:30	27.45	73.3	5.07	4.5	SR13	9/7/2017 13:30	27.61	76.7	5.32	4.4	SR13	9/7/2017 19:30	27.63	77.1	5.33	5.3
SR13	9/7/2017 1:35	27.80	72.5	4.98	4.7	SR13	9/7/2017 7:35	27.44	73.5	5.09	5.0	SR13	9/7/2017 13:35	27.61	76.3	5.29	4.0	SR13	9/7/2017 19:35	27.66	77.2	5.34	3.2
SR13	9/7/2017 1:40	27.79	71.6	4.92	5.7	SR13	9/7/2017 7:40	27.44	73.3	5.07	5.3	SR13	9/7/2017 13:40	27.61	77.6	5.35	6.3	SR13	9/7/2017 19:40	27.72	76.3	5.27	4.1
SR13	9/7/2017 1:45	27.78	71.2	4.89	6.1	SR13	9/7/2017 7:45	27.44	73.9	5.12	7.1	SR13	9/7/2017 13:45	27.62	77.6	5.33	5.2	SR13	9/7/2017 19:45	27.65	76.6	5.30	4.3
SR13	9/7/2017 1:50	27.77	71.1	4.89	6.1	SR13	9/7/2017 7:50	27.44	74.2	5.14	4.2	SR13	9/7/2017 13:50	27.61	76.2	5.26	6.1	SR13	9/7/2017 19:50	27.60	76.3	5.27	5.3
SR13	9/7/2017 1:55	27.77	71.1	4.89	5.6	SR13	9/7/2017 7:55	27.44	74.4	5.15	4.8	SR13	9/7/2017 13:55	27.61	75.6	5.22	5.1	SR13	9/7/2017 19:55	27.56	78.1	5.40	3.5
SR13	9/7/2017 2:00	27.76	70.6	4.86	4.9	SR13	9/7/2017 8:00	27.44	74.1	5.13	3.8	SR13	9/7/2017 14:00	27.57	75.4	5.23	5.5	SR13	9/7/2017 20:00	27.57	76.8	5.29	4.8
SR13	9/7/2017 2:05	27.75	71.1	4.89	6.9	SR13	9/7/2017 8:05	27.43	73.6	5.10	4.5	SR13	9/7/2017 14:05	27.58	78.7	5.48	6.7	SR13	9/7/2017 20:05	27.60	77.4	5.33	3.7
SR13	9/7/2017 2:10	27.75	71.8	4.95	5.1	SR13	9/7/2017 8:10	27.43	74.4	5.22	3.8	SR13	9/7/2017 14:10	27.58	79.1	5.51	4.6	SR13	9/7/2017 20:10	27.59	78.4	5.42	3.5
SR13	9/7/2017 2:15	27.77	72.1	4.97	6.6	SR13	9/7/2017 8:15	27.42	74.5	5.18	4.4	SR13	9/7/2017 14:15	27.58	79.4	5.50	5.6	SR13	9/7/2017 20:15	27.56	77.2	5.33	3.4
SR13	9/7/2017 2:20	27.79	72.4	5.00	5.7	SR13	9/7/2017 8:20	27.43	75.1	5.25	6.2	SR13	9/7/2017 14:20	27.60	79.3	5.50	4.8	SR13	9/7/2017 20:20	27.57	77.8	5.36	4.8
SR13	9/7/2017 2:25	27.82	73.1	5.05	4.6	SR13	9/7/2017 8:25	27.43	74.7	5.22	6.3	SR13	9/7/2017 14:25	27.57	78.5	5.46	5.4	SR13	9/7/2017 20:25	27.51	93.2	6.59	5.6
SR13	9/7/2017 2:30	27.81	73.1	5.05	6.1	SR13	9/7/2017 8:30	27.44	74.7	5.19	3.4	SR13	9/7/2017 14:30	27.53	78.3	5.44	6.1	SR13	9/7/2017 20:30	27.47	76.0	5.25	3.1
SR13	9/7/2017 2:35	27.81	72.7	5.03	5.6	SR13	9/7/2017 8:35	27.43	73.7	5.11	4.8	SR13	9/7/2017 14:35	27.54	77.9	5.44	5.4	SR13	9/7/2017 20:35	27.39	75.9	5.24	6.0
SR13	9/7/2017 2:40	27.80	72.5	5.01	4.5	SR13	9/7/2017 8:40	27.43	73.5	5.10	4.7	SR13	9/7/2017 14:40	27.55	78.2	5.44	6.4	SR13	9/7/2017 20:40	27.45	75.8	5.22	4.9
SR13	9/7/2017 2:45	27.80	72.6	5.02	6.1	SR13	9/7/2017 8:45	27.42	73.4	5.10	5.1	SR13	9/7/2017 14:45	27.56	77.3	5.39	5.5	SR13	9/7/2017 20:45	27.47	75.1	5.17	4.5
SR13	9/7/2017 2:50	27.81	73.1	5.05	6.1	SR13	9/7/2017 8:50	27.42	74.0	5.15	3.6	SR13	9/7/2017 14:50	27.58	76.7	5.34	4.6	SR13	9/7/2017 20:50	27.46	74.5	5.12	5.3
SR13	9/7/2017 2:55	27.80	73.1	5.06	5.3	SR13	9/7/2017 8:55	27.43	72.7	5.05	5.9	SR13	9/7/2017 14:55	27.63	76.5	5.32	6.1	SR13	9/7/2017 20:55	27.43	75.8	5.22	5.6
SR13	9/7/2017 3:00	27.80	73.1	5.06	7.1	SR13	9/7/2017 9:00	27.42	74.2	5.16	5.2	SR13	9/7/2017 15:00	27.62	76.8	5.33	4.2	SR13	9/7/2017 21:00	27.45	75.3	5.18	5.8
SR13	9/7/2017 3:05	27.80	72.9	5.05	6.9	SR13	9/7/2017 9:05	27.42	73.9	5.13	5.5	SR13	9/7/2017 15:05	27.59	76.2	5.29	5.1	SR13	9/7/2017 21:05	27.49	75.0	5.17	4.8
SR13	9/7/2017 3:10	27.80	71.8	4.97	6.3	SR13	9/7/2017 9:10	27.39	72.8	5.04	4.3	SR13	9/7/2017 15:10	27.57	75.9	5.27	4.5	SR13	9/7/2017 21:10	27.47	75.0	5.16	4.7
SR13	9/7/2017 3:15	27.81	71.8	4.97	5.9	SR13	9/7/2017 9:15	27.39	72.8	5.03	3.4	SR13	9/7/2017 15:15	27.59	75.3	5.23	3.7	SR13	9/7/2017 21:15	27.53	74.8	5.15	5.5
SR13	9/7/2017 3:20	27.80	72.3	5.00	4.8	SR13	9/7/2017 9:20	27.38	72.2	4.99	2.7	SR13	9/7/2017 15:20	27.56	76.9	5.34	5.4	SR13	9/7/2017 21:20	27.56	76.5	5.28	5.3
SR13	9/7/2017 3:25	27.80	73.5	5.08	4.7	SR13	9/7/2017 9:25	27.37	72.8	5.04	5.6	SR13	9/7/2017 15:25	27.58	76.9	5.33	3.3	SR13	9/7/2017 21:25	27.54	75.6	5.20	3.2
SR13	9/7/2017 3:30	27.81	73.0	5.05	6.7	SR13	9/7/2017 9:30	27.36	73.5	5.10	5.3	SR13	9/7/2017 15:30	27.54	78.2	5.41	4.6	SR13	9/7/2017 21:30	27.54	75.4	5.20	4.0
SR13	9/7/2017 3:35	27.82	72.5	5.02	6.8	SR13	9/7/2017 9:35	27.36	74.6	5.19	3.3	SR13	9/7/2017 15:35	27.54	77.2	5.34	5.3	SR13	9/7/2017 21:35	27.53	74.9	5.16	4.9
SR13	9/7/2017 3:40	27.81	72.4	5.01	7.4	SR13	9/7/2017 9:40	27.39	75.9	5.30	5.5	SR13	9/7/2017 15:40	27.51	76.4	5.27	5.1	SR13	9/7/2017 21:40	27.52	75.3	5.19	3.1
SR13	9/7/2017 3:45	27.83	71.7	4.96	5.7	SR13	9/7/2017 9:45	27.39	77.5	5.39	5.7	SR13	9/7/2017 15:45	27.51	75.7	5.25	4.4	SR13	9/7/2017 21:45	27.50	74.6	5.13	3.2
SR13	9/7/2017 3:50	27.83	72.1	4.99	6.4	SR13	9/7/2017 9:50	27.39	75.7	5.26	5.9	SR13	9/7/2017 15:50	27.46	78.4	5.43	5.2	SR13	9/7/2017 21:50	27.46	74.5	5.13	4.6
SR13	9/7/2017 3:55	27.81	71.4	4.94	4.4	SR13	9/7/2017 9:55	27.38	77.2	5.38	4.1	SR13	9/7/2017 15:55	27.44	76.0	5.26	6.0	SR13	9/7/2017 21:55	27.47	74.6	5.14	4.2
SR13	9/7/2017 4:00	27.79	71.3	4.93	3.6	SR13	9/7/2017 10:00	27.35	77.2	5.38	5.7	SR13	9/7/2017 16:00	27.45	74.9	5.19	5.4	SR13	9/7/2017 22:00	27.47	74.2	5.11	4.4
SR13	9/7/2017 4:05	27.77	71.0	4.91	6.4	SR13	9/7/2017 10:05	27.34	77.1	5.35	3.1	SR13	9/7/2017 16:05	27.47	76.4	5.31	4.0	SR13	9/7/2017 22:05	27.51	74.4	5.13	4.1
SR13	9/7/2017 4:10	27.55	70.7	4.89	5.6	SR13	9/7/2017 10:10	27.36	77.0	5.35	2.9	SR13	9/7/2017 16:10	27.48	76.9	5.33	4.0	SR13	9/7/2017 22:10	27.47	74.8	5.16	5.6
SR13	9/7/2017 4:15	27.54	70.4	4.87	4.1	SR13	9/7/2017 10:15	27.37	76.2	5.30	5.2	SR13	9/7/2017 16:15	27.50	77.5	5.35	4.4	SR13	9/7/2017 22:15	27.48	74.9	5.16	3.5
SR13	9/7/2017 4:20	27.51	70.4	4.88	7.9	SR13	9/7/2017 10:20	27.38	75.7	5.24	5.2	SR13	9/7/2017 16:20	27.50	77.6	5.36	4.1	SR13	9/7/2017 22:20	27.47	75.1	5.16	5.0
SR13	9/7/2017 4:25	27.53	70.3	4.86	5.0	SR13	9/7/2017 10:25	27.38	74.9	5.19	4.6	SR13	9/7/2017 16:25	27.49	76.5	5.30	6.6	SR13	9/7/2017 22:25	27.46	74.5	5.13	4.5
SR13	9/7/2017 4:30	27.50	70.6	4.88	6.6	SR13	9/7/2017 10:30	27.37	74.4	5.16	4.9	SR13	9/7/2017 16:30	27.48	76.4	5.29	4.2	SR13	9/7/2017 22:30	27.52	74.3	5.11	4.2
SR13	9/7/2017 4:35	27.49	70.2	4.85	6.2	SR13	9/7/2017 10:35	27.37	74.3	5.15	4.3	SR13	9/7/2017 16:35	27.46	76.4	5.30	3.1	SR13	9/7/2017 22:35	27.55	74.0	5.09	3.1
SR13	9/7/2017 4:40	27.45	70.0	4.85	6.4	SR13	9/7/2017 10:40	27.37	74.3	5.15	4.4	SR13	9/7/2017 16:40	27.46	75.3	5.22	4.9	SR13	9/7/2017 22:40	27.56	74.8	5.14	3.6
SR13	9/7/2017 4:45	27.46	70.1	4.84	6.1	SR13	9/7/2017 10:45	27.37	74.5	5.19	3.2	SR13	9/7/2017 16:45	27.46	75.1	5.20	4.2	SR13	9/7/2017 22:45	27.58	74.6	5.13	3.0
SR13	9/7/2017 4:50	27.45	70.2	4.86	5.2	SR13	9/7/2017 10:50	27.37	75.7	5.26	3.1	SR13	9/7/2017 16:50	27.48	75.0	5.18	4.1	SR13	9/7/2017 22:50	27.60	73.5	5.06	4.3
SR13	9/7/2017 4:55	27.48	70.2	4.85	4.0	SR13	9/7/2017 10:55	27.35	76.4	5.31	4.7	SR13	9/7/2017 16:55	27.47	77.6	5.37	3.3	SR13	9/7/2017 22:55	27.61	74.0	5.09	4.9
SR13	9/7/2017 5:00	27.50	70.4	4.87	5.4	SR13	9/7/2017 11:00	27.36	77.1	5.35	4.4	SR13	9/7/2017 17:00	27.49	76.9	5.33	4.7	SR13	9/7/2017 23:00	27.63	73.4	5.05	3.1
SR13	9/7/2017 5:05	27.47	70.6	4.89	5.2	SR13	9/7/2017 11:05	27.36	76.6	5.32	4.2	SR13	9/7/2017 17:05	27.54	76.9	5.33	2.7	SR13	9/7/2017 23:05	27.65	73.5	5.06	3.3
SR13	9/7/2017 5:10	27.45	71.3	4.97	5.7	SR13	9/7/2017 11:10	27.36	75.9	5.25	4.2	SR13	9/7/2017 17:10	27.51	77.3	5.35	4.2	SR13	9/7/2017 23:10	27.66	73.1	5.03	4.8
SR13	9/7/2017 5:15	27.44	73.6	5.10	5.3	SR13	9/7/2017 11:15	27.36	74.6	5.20	4.0	SR13	9/7/2017 17:15	27.52	77.5	5.35	5.6	SR13	9/7/2017 23:15	27.68	73.3	5.05	2.7
SR13	9/7/2017 5:20	27.44	72.6	5.01	7.2	SR13	9/7/2017 11:20	27.36	75.4	5.23	4.0	SR13	9/7/2017 17:20	27.50	75.6	5.22	4.8	SR13	9/7/2017 23:20	27.70	74.2	5.11	5.8
SR13	9/7/2017 5:25	27.44	72.0	4.98	6.2	SR13	9/7/2017 11:25	27.36	75.7	5.25	3.4	SR13	9/7/2017 17:25	27.48	76.0	5.24	3.8	SR13	9/7/2017 23:25	27.72	74.3	5.11	4.9
SR13	9/7/2017 5:30	27.45	72.2	5.01	5.6	SR13	9/7/2017 11:30	27.36	74.4	5.15	5.6	SR13	9/7/2017 17:30	27.43	75.7	5.24	4.3	SR13	9/7/2017 23:30	27.73	73.7	5.07	3.6
SR13	9/7/2017 5:35	27.43	71.7	4.93	5.1	SR13	9/7/2017 11:35	27.36	75.6	5.23	4.2	SR13	9/7/2017 17:35	27.47	77.5	5.38	3.5	SR13	9/7/2017 23:35	27.77	73.8	5.08	4.7
SR13	9/7/2017 5:40	27.43	72.1	4.97	4.7	SR13	9/7/2017 11:40	27.37	76.5	5.28	2.7	SR13	9/7/2017 17:40	27.50	77.6	5.38	3.6	SR13	9/7/2017 23:40	27.79	73.1	5.03	3.7
SR13	9/7/2017 5:45	27.44	71.9	4.98	4.9	SR13	9/7/2017 11:45	27.37	75.9	5.25	4.7	SR13	9/7/2017 17:45	27.47	77.9	5.40	4.3	SR13	9/7/2017 23:45	27.81	74.3	5.12	5.0
SR13	9/7/2017 5:50	27.43	71.9	4.94	6.8	SR13	9/7/2017 11:50	27.38	76.0	5.25	3.3	SR13	9/7/2017 17:50	27.46	78.6	5.44	4.0	SR13	9/7/2017 23:50	27.82	73.9	5.09	3.8
SR13	9/7/2017 5:55	27.42	71.9	4.97	4.0	SR13	9/7/2017 11:55	27.42	76.3	5.27	5.4	SR13	9/7/2017 17:55	27.45	78.6	5.44	4.1	SR13	9/7/2017 23:55	27.83	73.3	5.04	5.5

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	9/7/2017 0:17	0.11				SR12	9/7/2017 0:17	0.15			
SR4	9/7/2017 0:37	0.10				SR12	9/7/2017 0:37	0.15			
SR4	9/7/2017 0:57	0.09				SR12	9/7/2017 0:57	0.15			
SR4	9/7/2017 1:17	0.09				SR12	9/7/2017 1:17	0.11			
SR4	9/7/2017 1:37	0.11				SR12	9/7/2017 1:37	0.12			
SR4	9/7/2017 1:57	0.11				SR12	9/7/2017 1:57	0.12			
SR4	9/7/2017 2:17	0.10				SR12	9/7/2017 2:17	0.13			
SR4	9/7/2017 2:37	0.08				SR12	9/7/2017 2:37	0.15			
SR4	9/7/2017 2:57	0.10				SR12	9/7/2017 2:57	0.15			
SR4	9/7/2017 3:17	0.08				SR12	9/7/2017 3:17	0.14			
SR4	9/7/2017 3:37	0.10				SR12	9/7/2017 3:37	0.13			
SR4	9/7/2017 3:57	0.11				SR12	9/7/2017 3:57	0.17			
SR4	9/7/2017 4:17	0.07				SR12	9/7/2017 4:17	0.14			
SR4	9/7/2017 4:37	0.08				SR12	9/7/2017 4:37	0.15			
SR4	9/7/2017 4:57	0.08				SR12	9/7/2017 4:57	0.15			
SR4	9/7/2017 5:17	0.11				SR12	9/7/2017 5:17	0.16			
SR4	9/7/2017 5:37	0.08				SR12	9/7/2017 5:37	0.16			
SR4	9/7/2017 5:57	0.07				SR12	9/7/2017 5:57	0.18			
SR4						SR12					
SR4	9/7/2017 6:37	0.11				SR12	9/7/2017 6:37	0.16			
SR4	9/7/2017 6:57	0.11				SR12	9/7/2017 6:57	0.16			
SR4	9/7/2017 7:17	0.09				SR12	9/7/2017 7:17	0.15			
SR4	9/7/2017 7:37	0.07				SR12	9/7/2017 7:37	0.16			
SR4	9/7/2017 7:57	0.08				SR12	9/7/2017 7:57	0.17			
SR4	9/7/2017 8:17	0.08				SR12	9/7/2017 8:17	0.17			
SR4	9/7/2017 8:37	0.10				SR12	9/7/2017 8:37	0.14			
SR4	9/7/2017 8:57	0.08				SR12	9/7/2017 8:57	0.16			
SR4	9/7/2017 9:17	0.09				SR12	9/7/2017 9:17	0.18			
SR4	9/7/2017 9:37	0.08				SR12	9/7/2017 9:37	0.13			
SR4	9/7/2017 9:57	0.10				SR12	9/7/2017 9:57	0.14			
SR4	9/7/2017 10:17	0.11				SR12	9/7/2017 10:17	0.17			
SR4	9/7/2017 10:37	0.11				SR12	9/7/2017 10:37	0.16			
SR4	9/7/2017 10:57	0.10				SR12	9/7/2017 10:57	0.14			
SR4	9/7/2017 11:17	0.12				SR12	9/7/2017 11:17	0.15			
SR4	9/7/2017 11:37	0.08				SR12	9/7/2017 11:37	0.15			
SR4	9/7/2017 11:57	0.07				SR12	9/7/2017 11:57	0.17			
SR4	9/7/2017 12:17	0.12				SR12	9/7/2017 12:17	0.15			
SR4	9/7/2017 12:37	0.10				SR12	9/7/2017 12:37	0.17			
SR4	9/7/2017 12:57	0.10				SR12	9/7/2017 12:57	0.15			
SR4	9/7/2017 13:17	0.07				SR12	9/7/2017 13:17	0.14			
SR4	9/7/2017 13:37	0.08				SR12	9/7/2017 13:37	0.15			
SR4	9/7/2017 13:57	0.12				SR12	9/7/2017 13:57	0.13			
SR4	9/7/2017 14:17	0.11				SR12	9/7/2017 14:17	0.18			
SR4	9/7/2017 14:37	0.09				SR12	9/7/2017 14:37	0.17			
SR4	9/7/2017 14:57	0.07				SR12	9/7/2017 14:57	0.18			
SR4	9/7/2017 15:17	0.12				SR12	9/7/2017 15:17	0.16			
SR4	9/7/2017 15:37	0.10				SR12	9/7/2017 15:37	0.13			
SR4	9/7/2017 15:57	0.10				SR12	9/7/2017 15:57	0.16			
SR4	9/7/2017 16:17	0.12				SR12	9/7/2017 16:17	0.14			
SR4	9/7/2017 16:37	0.10				SR12	9/7/2017 16:37	0.11			
SR4	9/7/2017 16:57	0.10				SR12	9/7/2017 16:57	0.12			
SR4	9/7/2017 17:17	0.10				SR12	9/7/2017 17:17	0.12			
SR4	9/7/2017 17:37	0.08				SR12	9/7/2017 17:37	0.11			
SR4	9/7/2017 17:57	0.11				SR12	9/7/2017 17:57	0.13			
SR4	9/7/2017 18:17	0.11				SR12	9/7/2017 18:17	0.11			
SR4	9/7/2017 18:37	0.08				SR12	9/7/2017 18:37	0.11			
SR4	9/7/2017 18:57	0.07				SR12	9/7/2017 18:57	0.10			
SR4	9/7/2017 19:17	0.06				SR12	9/7/2017 19:17	0.10			
SR4	9/7/2017 19:37	0.06				SR12	9/7/2017 19:37	0.08			
SR4	9/7/2017 19:57	0.05				SR12	9/7/2017 19:57	0.09			
SR4	9/7/2017 20:17	0.06				SR12	9/7/2017 20:17	0.09			
SR4	9/7/2017 20:37	0.06				SR12	9/7/2017 20:37	0.08			
SR4	9/7/2017 20:57	0.07				SR12	9/7/2017 20:57	0.07			
SR4	9/7/2017 21:17	0.09				SR12	9/7/2017 21:17	0.08			
SR4	9/7/2017 21:37	0.08				SR12	9/7/2017 21:37	0.08			
SR4	9/7/2017 21:57	0.09				SR12	9/7/2017 21:57	0.09			
SR4	9/7/2017 22:17	0.08				SR12	9/7/2017 22:17	0.08			
SR4	9/7/2017 22:37	0.09				SR12	9/7/2017 22:37	0.09			
SR4	9/7/2017 22:57	0.07				SR12	9/7/2017 22:57	0.09			
SR4	9/7/2017 23:17	0.07				SR12	9/7/2017 23:17	0.08			
SR4	9/7/2017 23:37	0.10				SR12	9/7/2017 23:37	0.08			
SR4	9/7/2017 23:57	0.10				SR12	9/7/2017 23:57	0.07			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.
SR5 monitoring station was under maintenance during 9:10-9:30.

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR4	9/8/2017 0:01	27.93	71.8	4.69	1.3	SR4	9/8/2017 6:01	27.97	70.2	4.60	7.0	SR4	9/8/2017 12:01	28.14	81.6	5.22	6.7	SR4	9/8/2017 18:01	28.40	82.9	5.22	4.2
SR4	9/8/2017 0:06	27.92	71.6	4.68	4.3	SR4	9/8/2017 6:06	28.04	70.3	4.60	5.3	SR4	9/8/2017 12:06	28.11	85.9	5.48	4.8	SR4	9/8/2017 18:06	28.38	79.0	4.99	4.2
SR4	9/8/2017 0:11	27.92	71.6	4.68	1.7	SR4	9/8/2017 6:11	28.01	70.7	4.62	5.7	SR4	9/8/2017 12:11	28.09	80.2	5.12	5.5	SR4	9/8/2017 18:11	28.28	78.5	4.97	5.9
SR4	9/8/2017 0:16	27.92	70.8	4.63	2.3	SR4	9/8/2017 6:16	28.07	70.8	4.63	6.3	SR4	9/8/2017 12:16	28.06	82.0	5.24	6.8	SR4	9/8/2017 18:16	28.31	79.4	5.04	4.3
SR4	9/8/2017 0:21	27.92	71.3	4.66	1.8	SR4	9/8/2017 6:21	28.02	71.3	4.66	4.6	SR4						SR4	9/8/2017 18:21	28.33	79.8	5.06	3.3
SR4	9/8/2017 0:26	27.92	71.9	4.70	1.4	SR4	9/8/2017 6:26	27.91	71.4	4.67	7.5	SR4						SR4	9/8/2017 18:26	28.32	81.1	5.14	4.3
SR4	9/8/2017 0:31	27.93	71.2	4.66	3.2	SR4	9/8/2017 6:31	27.93	71.3	4.66	7.1	SR4						SR4	9/8/2017 18:31	28.36	80.6	5.11	5.6
SR4	9/8/2017 0:36	27.94	71.2	4.66	6.1	SR4	9/8/2017 6:36	28.00	70.9	4.63	6.7	SR4						SR4	9/8/2017 18:36	28.37	79.5	5.04	4.3
SR4	9/8/2017 0:41	27.93	70.4	4.60	4.7	SR4	9/8/2017 6:41	28.01	71.0	4.64	6.6	SR4						SR4	9/8/2017 18:41	28.37	77.8	4.93	3.8
SR4	9/8/2017 0:46	27.94	72.4	4.74	2.0	SR4	9/8/2017 6:46	27.99	71.0	4.64	5.0	SR4						SR4	9/8/2017 18:46	28.36	77.0	4.89	3.5
SR4	9/8/2017 0:51	27.94	71.4	4.67	2.0	SR4	9/8/2017 6:51	28.00	71.1	4.65	7.9	SR4						SR4	9/8/2017 18:51	28.37	82.9	5.22	4.3
SR4	9/8/2017 0:56	27.94	70.3	4.59	4.0	SR4	9/8/2017 6:56	28.05	71.2	4.65	7.6	SR4						SR4	9/8/2017 18:56	28.37	80.7	5.08	4.2
SR4	9/8/2017 1:01	27.92	71.4	4.67	4.4	SR4	9/8/2017 7:01	28.06	71.5	4.67	7.7	SR4						SR4	9/8/2017 19:01	28.34	78.4	4.95	3.6
SR4	9/8/2017 1:06	27.90	70.4	4.61	3.5	SR4	9/8/2017 7:06	28.03	71.5	4.67	5.4	SR4						SR4	9/8/2017 19:06	28.34	77.0	4.87	4.0
SR4	9/8/2017 1:11	27.91	70.6	4.62	3.5	SR4	9/8/2017 7:11	27.98	71.2	4.65	7.6	SR4						SR4	9/8/2017 19:11	28.33	77.3	4.89	4.8
SR4	9/8/2017 1:16	27.91	70.7	4.62	5.8	SR4	9/8/2017 7:16	28.08	71.6	4.67	6.9	SR4						SR4	9/8/2017 19:16	28.32	77.4	4.89	4.9
SR4	9/8/2017 1:21	27.91	70.7	4.62	4.3	SR4	9/8/2017 7:21	27.98	71.4	4.66	5.4	SR4	9/8/2017 13:21	28.20	57.8	3.68	4.7	SR4	9/8/2017 19:21	28.32	78.6	4.97	5.0
SR4	9/8/2017 1:26	27.93	70.9	4.63	1.5	SR4	9/8/2017 7:26	27.98	71.3	4.66	6.9	SR4	9/8/2017 13:26	28.26	81.1	5.16	7.2	SR4	9/8/2017 19:26	28.32	77.5	4.91	4.9
SR4	9/8/2017 1:31	27.91	71.6	4.68	3.6	SR4	9/8/2017 7:31	27.98	72.1	4.70	4.9	SR4	9/8/2017 13:31	28.26	91.9	5.81	6.9	SR4	9/8/2017 19:31	28.32	76.5	4.85	3.4
SR4	9/8/2017 1:36	27.90	71.8	4.70	4.7	SR4	9/8/2017 7:36	27.99	72.8	4.75	4.9	SR4	9/8/2017 13:36	28.38	82.9	5.26	6.9	SR4	9/8/2017 19:36	28.32	77.2	4.89	4.3
SR4	9/8/2017 1:41	27.92	70.3	4.59	5.4	SR4	9/8/2017 7:41	27.96	72.1	4.71	7.6	SR4	9/8/2017 13:41	28.22	82.1	5.17	4.1	SR4	9/8/2017 19:41	28.31	76.7	4.86	4.9
SR4	9/8/2017 1:46	27.93	70.3	4.60	5.8	SR4	9/8/2017 7:46	27.97	72.3	4.72	5.6	SR4	9/8/2017 13:46	28.23	80.9	5.15	7.4	SR4	9/8/2017 19:46	28.29	76.1	4.83	3.4
SR4	9/8/2017 1:51	27.94	69.9	4.57	3.4	SR4	9/8/2017 7:51	27.97	72.6	4.74	4.2	SR4	9/8/2017 13:51	28.21	78.7	4.97	5.4	SR4	9/8/2017 19:51	28.31	76.3	4.85	5.0
SR4	9/8/2017 1:56	27.93	69.4	4.54	3.1	SR4	9/8/2017 7:56	27.97	72.3	4.72	7.7	SR4	9/8/2017 13:56	28.43	69.8	4.44	6.4	SR4	9/8/2017 19:56	28.31	75.4	4.79	3.8
SR4	9/8/2017 2:01	27.92	69.7	4.56	5.4	SR4	9/8/2017 8:01	27.98	72.1	4.70	7.2	SR4	9/8/2017 14:01	28.60	74.8	4.83	4.9	SR4	9/8/2017 20:01	28.31	75.8	4.82	3.5
SR4	9/8/2017 2:06	27.91	70.5	4.61	4.8	SR4	9/8/2017 8:06	27.98	72.0	4.70	7.5	SR4	9/8/2017 14:06	28.36	73.3	4.75	5.1	SR4	9/8/2017 20:06	28.27	76.4	4.85	2.4
SR4	9/8/2017 2:11	27.91	68.3	4.47	5.1	SR4	9/8/2017 8:11	27.98	72.3	4.72	5.0	SR4	9/8/2017 14:11	28.23	75.0	4.83	7.6	SR4	9/8/2017 20:11	28.26	76.8	4.87	4.2
SR4	9/8/2017 2:16	27.92	69.7	4.56	1.9	SR4	9/8/2017 8:16	27.97	73.3	4.78	4.9	SR4	9/8/2017 14:16	28.15	75.5	4.83	5.4	SR4	9/8/2017 20:16	28.24	78.1	4.95	5.0
SR4	9/8/2017 2:21	27.93	70.9	4.64	4.4	SR4	9/8/2017 8:21	27.91	73.4	4.79	5.5	SR4	9/8/2017 14:21	28.08	75.3	4.82	7.8	SR4	9/8/2017 20:21	28.23	76.8	4.88	4.4
SR4	9/8/2017 2:26	27.92	70.4	4.61	5.8	SR4	9/8/2017 8:26	28.00	73.5	4.79	4.7	SR4	9/8/2017 14:26	28.27	75.3	4.81	7.3	SR4	9/8/2017 20:26	28.27	77.2	4.90	4.5
SR4	9/8/2017 2:31	27.91	69.9	4.57	3.5	SR4	9/8/2017 8:31	27.97	73.5	4.80	6.1	SR4	9/8/2017 14:31	28.37	74.5	4.83	4.2	SR4	9/8/2017 20:31	28.21	76.6	4.87	4.6
SR4	9/8/2017 2:36	27.91	69.4	4.54	5.7	SR4	9/8/2017 8:36	27.97	64.5	4.21	6.1	SR4	9/8/2017 14:36	28.33	75.1	4.88	7.7	SR4	9/8/2017 20:36	28.24	76.6	4.87	3.4
SR4	9/8/2017 2:41	27.89	69.2	4.53	4.4	SR4	9/8/2017 8:41	27.92	76.3	4.98	6.3	SR4	9/8/2017 14:41	28.16	75.5	4.87	4.8	SR4	9/8/2017 20:41	28.23	77.9	4.95	3.9
SR4	9/8/2017 2:46	27.90	69.5	4.55	3.9	SR4	9/8/2017 8:46	27.96	83.5	5.28	8.1	SR4	9/8/2017 14:46	28.32	75.6	4.87	7.8	SR4	9/8/2017 20:46	28.22	77.7	4.94	4.2
SR4	9/8/2017 2:51	27.91	69.3	4.54	3.3	SR4	9/8/2017 8:51	27.90	71.9	4.70	7.8	SR4	9/8/2017 14:51	28.23	76.0	4.90	4.1	SR4	9/8/2017 20:51	28.21	76.1	4.84	5.1
SR4	9/8/2017 2:56	27.91	69.1	4.52	6.8	SR4	9/8/2017 8:56	27.97	75.4	4.93	7.4	SR4	9/8/2017 14:56	28.21	75.4	4.91	4.7	SR4	9/8/2017 20:56	28.20	77.6	4.93	4.6
SR4	9/8/2017 3:01	27.90	70.3	4.60	4.6	SR4	9/8/2017 9:01	28.00	73.3	4.78	7.5	SR4	9/8/2017 15:01	28.18	74.1	4.83	7.5	SR4	9/8/2017 21:01	28.20	77.1	4.90	3.7
SR4	9/8/2017 3:06	27.88	69.7	4.56	6.0	SR4	9/8/2017 9:06	28.07	74.1	4.83	6.9	SR4	9/8/2017 15:06	28.21	75.5	4.83	6.0	SR4	9/8/2017 21:06	28.21	76.4	4.86	3.3
SR4	9/8/2017 3:11	27.86	69.7	4.56	7.0	SR4	9/8/2017 9:11	27.94	78.6	5.15	4.5	SR4	9/8/2017 15:11	28.21	102.5	6.46	7.5	SR4	9/8/2017 21:11	28.22	73.9	4.70	4.1
SR4	9/8/2017 3:16	27.89	68.9	4.51	7.5	SR4	9/8/2017 9:16	27.96	78.6	5.06	5.7	SR4	9/8/2017 15:16	28.23	82.9	5.22	4.4	SR4	9/8/2017 21:16	28.23	76.1	4.84	3.6
SR4	9/8/2017 3:21	27.88	69.6	4.55	4.7	SR4	9/8/2017 9:21	27.92	87.0	5.65	6.8	SR4	9/8/2017 15:21	28.27	82.1	5.17	6.1	SR4	9/8/2017 21:21	28.22	76.0	4.83	1.4
SR4	9/8/2017 3:26	27.90	68.7	4.50	6.8	SR4	9/8/2017 9:26	27.95	80.0	5.15	5.6	SR4	9/8/2017 15:26	28.32	80.9	5.10	7.9	SR4	9/8/2017 21:26	28.20	78.1	4.97	4.6
SR4	9/8/2017 3:31	27.90	70.1	4.59	4.3	SR4	9/8/2017 9:31	27.93	79.5	5.18	5.6	SR4	9/8/2017 15:31	28.35	78.7	4.96	4.7	SR4	9/8/2017 21:31	28.20	76.7	4.87	3.2
SR4	9/8/2017 3:36	27.89	68.7	4.50	6.9	SR4	9/8/2017 9:36	27.92	80.0	5.14	4.4	SR4	9/8/2017 15:36	28.37	69.8	4.42	4.6	SR4	9/8/2017 21:36	28.21	76.0	4.82	4.1
SR4	9/8/2017 3:41	27.85	68.5	4.49	6.5	SR4	9/8/2017 9:41	27.92	81.1	5.22	4.1	SR4	9/8/2017 15:41	28.38	74.7	4.74	6.1	SR4	9/8/2017 21:41	28.21	76.4	4.85	2.6
SR4	9/8/2017 3:46	27.86	67.9	4.45	5.7	SR4	9/8/2017 9:46	27.90	81.8	5.28	6.7	SR4	9/8/2017 15:46	28.40	73.2	4.66	5.7	SR4	9/8/2017 21:46	28.19	75.4	4.78	4.6
SR4	9/8/2017 3:51	27.88	67.3	4.41	7.7	SR4	9/8/2017 9:51	27.91	80.2	5.13	4.2	SR4	9/8/2017 15:51	28.41	75.0	4.77	5.7	SR4	9/8/2017 21:51	28.18	76.6	4.86	2.1
SR4	9/8/2017 3:56	27.87	66.8	4.38	6.7	SR4	9/8/2017 9:56	27.94	86.0	5.60	4.9	SR4	9/8/2017 15:56	28.41	75.4	4.79	7.1	SR4	9/8/2017 21:56	28.17	75.9	4.81	3.5
SR4	9/8/2017 4:01	27.87	66.7	4.37	4.3	SR4	9/8/2017 10:01	27.98	81.8	5.31	5.7	SR4	9/8/2017 16:01	28.42	75.3	4.78	5.2	SR4	9/8/2017 22:01	28.15	76.1	4.83	4.5
SR4	9/8/2017 4:06	27.87	66.2	4.34	6.5	SR4	9/8/2017 10:06	27.90	81.7	5.27	7.6	SR4	9/8/2017 16:06	28.42	75.2	4.78	6.9	SR4	9/8/2017 22:06	28.15	76.2	4.83	2.8
SR4	9/8/2017 4:11	27.85	65.4	4.28	7.2	SR4	9/8/2017 10:11	27.90	85.9	5.57	7.3	SR4	9/8/2017 16:11	28.42	74.5	4.74	6.5	SR4	9/8/2017 22:11	28.16	78.2	4.97	3.4
SR4	9/8/2017 4:16	27.83	65.4	4.29	5.2	SR4	9/8/2017 10:16	27.90	80.2	5.17	8.0	SR4	9/8/2017 16:16	28.42	75.1	4.78	6.6	SR4	9/8/2017 22:16	28.16	78.2	4.97	4.5
SR4	9/8/2017 4:21	27.82	66.2	4.34	6.3	SR4	9/8/2017 10:21	27.93	82.1	5.32	6.6	SR4	9/8/2017 16:21	28.43	75.4	4.80	5.9	SR4	9/8/2017 22:21	28.16	78.9	5.02	2.8
SR4	9/8/2017 4:26	27.83	66.4	4.35	6.2	SR4	9/8/2017 10:26	27.95	80.4	5.16	5.2	SR4	9/8/2017 16:26	28.42	75.6	4.82	5.4	SR4	9/8/2017 22:26	28.11	78.8	5.01	2.4
SR4	9/8/2017 4:31	27.84	66.7	4.37	4.3	SR4	9/8/2017 10:31	28.03	81.2	5.22	7.4	SR4	9/8/2017 16:31	28.42	76.0	4.84	4.7	SR4	9/8/2017 22:31	28.12	78.4	4.95	3.4
SR4	9/8/2017 4:36	27.83	66.9	4.38	4.4	SR4	9/8/2017 10:36	27.99	80.8	5.19	4.4	SR4	9/8/2017 16:36	28.42	75.3	4.81	7.2	SR4	9/8/2017 22:36	28.14	77.0	4.87	3.4
SR4	9/8/2017 4:41	27.82	67.6	4.43	5.7	SR4	9/8/2017 10:41	28.03	81.3	5.17	7.1	SR4	9/8/2017 16:41	28.42	74.1	4.74	2.5	SR4	9/8/2017 22:41	28.10	77.3	4.89	2.3
SR4	9/8/2017 4:46	27.82	67.2	4.40	5.8	SR4	9/8/2017 10:46	27.98	81.7	5.47	4.2	SR4	9/8/2017 16:46	28.41	75.5	4.82	4.1	SR4	9/8/2017 22:46	28.13	77.4	4.89	2.9
SR4	9/8/2017 4:51	27.82	67.6	4.43	5.9	SR4	9/8/2017 10:51	27.95	85.2	5.27	7.3	SR4	9/8/2017 16:51	28.42	74.1	4.74	5.7	SR4	9/8/2017 22:51	28.13	78.6	4.97	3.4
SR4	9/8/2017 4:56	27.83	67.1	4.40	4.7	SR4	9/8/2017 10:56	27.99	104.9	7.64	7.4	SR4	9/8/2017 16:56	28.42	73.8	4.72	3.6	SR4	9/8/2017 22:56	28.13	77.5	4.91	2.8
SR4	9/8/2017 5:01	27.83	67.2	4.40	7.2	SR4	9/8/2017 11:01	27.99	77.6	4.95	6.6	SR4	9/8/2017 17:01	28.42	77.3	4.93	3.7	SR4	9/8/2017 23:01	28.13	76.5	4.85	5.0
SR4	9/8/2017 5:06	27.82	66.8	4.38	6.1	SR4	9/8/2017 11:06	28.00	83.0	5.32	4.6	SR4	9/8/2017 17:06	28.42	80.1	5.08	3.7	SR4	9/8/2017 23:06	28.13	77.2	4.89	1.2
SR4	9/8/2017 5:11	27.83	66.3	4.34	6.6	SR4	9/8/2017 11:11	27.99	78.6	5.06	4.1	SR4	9/8/2017 17:11	28.42	79.9	5.07	4.5	SR4	9/8/2017 23:11	28.13	75.4	4.78	4.1
SR4	9/8/2017 5:16	27.83	66.5	4.36	7.3	SR4	9/8/2017 11:16	28.00	86.9	5.58	7.1	SR4	9/8/2017 17:16	28.41	80.5	5.10	3.7	SR4	9/8/2017 23:16	28.13	82.0	5.21	3.8
SR4	9/8/2017 5:21	27.81	66.5	4.36	3.7	SR4	9/8/2017 11:21	28.03	79.9	5.14	6.2	SR4	9/8/2017 17:21	28.41	79.2	5.00	5.3	SR4	9/8/2017 23:21	28.14	81.8	5.20	2.5
SR4	9/8/2017 5:26	27.97	66.5	4.36	5.7	SR4	9/8/2017 11:26	28.06	79.4	5.10	6.7	SR4	9/8/2017 17:26	28.41	77.4	4.90	4.0	SR4	9/8/2017 23:26	28.14	81.5	5.17	4.4
SR4	9/8/2017 5:31	27.98	66.9	4.39	7.2	SR4	9/8/2017 11:31	27.95	79.9	5.13	7.5	SR4	9/8/2017 17:31	28.41	75.7	4.80	3.3	SR4	9/8/2017 23:31	28.13	81.0	5.14	3.8
SR4	9/8/2017 5:36	27.98	66.7	4.37	5.7	SR4	9/8/2017 11:36	27.96	81.0	5.19	6.2	SR4	9/8/2017 17:36	28.41	75.8	4.82	3.3	SR4	9/8/2017 23:36	28.12	80.1	5.08	2.7
SR4	9/8/2017 5:41	28.04	69.0	4.52	**14.7**	SR4	9/8/2017 11:41	28.04	81.7	5.23	5.9	SR4	9/8/2017 17:41	28.39	77.8	4.94	5.0	SR4	9/8/2017 23:41	28.11	79.9	5.07	4.4
SR4	9/8/2017 5:46	28.01	69.6	4.56	7.3	SR4	9/8/2017 11:46	28.08	80.1	5.13	5.4	SR4	9/8/2017 17:46	28.38	81.6	5.16	4.2	SR4	9/8/2017 23:46	28.11	81.1	5.15	5.1
SR4	9/8/2017 5:51	28.00	69.9	4.58	6.4	SR4	9/8/2017 11:51	28.08	85.9	5.50	5.0	SR4	9/8/2017 17:51	28.38	84.3	5.30	4.3	SR4	9/8/2017 23:51	28.06	78.6	4.99	3.1
SR4	9/8/2017 5:56	28.00	70.0	4.58	4.5	SR4	9/8/2017 11:56	28.09	81.7	5.22	5.8	SR4	9/8/2017 17:56	28.40	84.1	5.30	3.8	SR4	9/8/2017 23:56	28.10	76.4	4.86	1.8

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR5	9/8/2017 0:00	27.94	75.3	5.26	7.1	SR5	9/8/2017 6:00	28.18	82.0	6.29	6.5	SR5	9/8/2017 12:00	28.32	82.3	5.95	7.0	SR5	9/8/2017 18:00	28.06	76.4	5.45	7.0
SR5	9/8/2017 0:05	28.07	75.3	5.26	6.6	SR5	9/8/2017 6:05	28.21	81.8	6.27	7.3	SR5	9/8/2017 12:05	28.31	84.1	6.04	6.6	SR5	9/8/2017 18:05	28.13	74.2	5.34	6.5
SR5	9/8/2017 0:10	28.05	76.3	5.33	7.4	SR5	9/8/2017 6:10	28.39	81.7	6.26	6.6	SR5	9/8/2017 12:10	28.43	80.8	5.89	6.3	SR5	9/8/2017 18:10	28.17	73.8	5.30	7.0
SR5	9/8/2017 0:15	27.97	75.6	5.29	7.4	SR5	9/8/2017 6:15	28.31	81.3	6.22	6.7	SR5	9/8/2017 12:15	28.45	81.8	5.99	7.4	SR5	9/8/2017 18:15	28.11	74.7	5.45	7.0
SR5	9/8/2017 0:20	27.90	75.6	5.28	7.3	SR5	9/8/2017 6:20	28.51	80.3	6.12	6.7	SR5	9/8/2017 12:20	28.35	80.6	5.85	7.0	SR5	9/8/2017 18:20	28.06	74.7	5.37	6.6
SR5	9/8/2017 0:25	28.06	75.6	5.29	6.7	SR5	9/8/2017 6:25	28.43	79.5	6.04	6.7	SR5	9/8/2017 12:25	28.46	80.7	5.88	7.6	SR5	9/8/2017 18:25	28.09	75.1	5.28	6.6
SR5	9/8/2017 0:30	28.07	75.1	5.25	7.0	SR5	9/8/2017 6:30	28.23	78.6	5.97	6.7	SR5	9/8/2017 12:30	28.38	80.2	5.73	6.7	SR5	9/8/2017 18:30	28.20	74.9	5.42	6.7
SR5	9/8/2017 0:35	28.02	75.1	5.25	7.1	SR5	9/8/2017 6:35	28.25	78.0	5.91	7.3	SR5	9/8/2017 12:35	28.34	80.4	5.79	7.1	SR5	9/8/2017 18:35	28.08	74.1	5.40	6.6
SR5	9/8/2017 0:40	27.94	74.7	5.22	7.5	SR5	9/8/2017 6:40	28.28	77.4	5.86	6.5	SR5	9/8/2017 12:40	28.37	80.2	5.90	6.3	SR5	9/8/2017 18:40	28.07	72.9	5.23	6.6
SR5	9/8/2017 0:45	28.10	75.6	5.28	6.8	SR5	9/8/2017 6:45	28.31	76.7	5.80	7.0	SR5	9/8/2017 12:45	28.36	80.1	5.80	6.6	SR5	9/8/2017 18:45	28.09	72.3	5.16	6.7
SR5	9/8/2017 0:50	28.06	74.9	5.23	7.3	SR5	9/8/2017 6:50	28.34	75.9	5.76	6.6	SR5	9/8/2017 12:50	28.41	92.4	6.96	6.7	SR5	9/8/2017 18:50	28.17	75.1	5.32	6.4
SR5	9/8/2017 0:55	27.98	74.6	5.20	6.5	SR5	9/8/2017 6:55	28.22	75.6	5.73	7.3	SR5	9/8/2017 12:55	28.42	77.6	5.70	6.4	SR5	9/8/2017 18:55	28.13	74.1	5.32	6.9
SR5	9/8/2017 1:00	28.07	75.1	5.24	6.9	SR5	9/8/2017 7:00	28.22	75.6	5.72	7.6	SR5	9/8/2017 13:00	28.39	78.3	5.61	6.6	SR5	9/8/2017 19:00	28.17	73.1	5.20	6.3
SR5	9/8/2017 1:05	27.97	74.4	5.20	7.0	SR5	9/8/2017 7:05	28.29	75.1	5.68	6.8	SR5	9/8/2017 13:05	28.29	77.6	5.73	7.3	SR5	9/8/2017 19:05	28.13	72.9	5.25	6.5
SR5	9/8/2017 1:10	28.09	77.9	5.82	7.4	SR5	9/8/2017 7:10	28.36	75.3	5.70	6.4	SR5	9/8/2017 13:10	28.31	86.8	6.24	7.2	SR5	9/8/2017 19:10	28.08	73.1	5.26	7.3
SR5	9/8/2017 1:15	27.96	79.4	5.94	7.0	SR5	9/8/2017 7:15	28.35	75.0	5.68	6.6	SR5	9/8/2017 13:15	28.26	71.4	5.25	7.0	SR5	9/8/2017 19:15	28.05	73.0	5.27	6.7
SR5	9/8/2017 1:20	28.15	80.0	5.98	7.0	SR5	9/8/2017 7:20	28.16	75.0	5.67	7.4	SR5	9/8/2017 13:20	28.24	67.0	**4.97**	7.0	SR5	9/8/2017 19:20	28.07	73.5	5.28	7.0
SR5	9/8/2017 1:25	28.15	80.3	6.01	6.6	SR5	9/8/2017 7:25	28.21	75.0	5.67	7.2	SR5	9/8/2017 13:25	28.28	78.8	5.72	6.5	SR5	9/8/2017 19:25	28.03	73.2	5.26	7.2
SR5	9/8/2017 1:30	28.09	81.0	6.07	7.0	SR5	9/8/2017 7:30	28.36	74.9	5.66	7.2	SR5	9/8/2017 13:30	28.34	84.1	6.03	6.5	SR5	9/8/2017 19:30	28.01	72.7	5.14	6.7
SR5	9/8/2017 1:35	28.04	81.0	6.07	7.0	SR5	9/8/2017 7:35	28.31	74.9	5.66	7.5	SR5	9/8/2017 13:35	28.40	79.8	5.77	6.5	SR5	9/8/2017 19:35	28.03	73.6	5.28	7.3
SR5	9/8/2017 1:40	28.05	81.0	6.08	7.3	SR5	9/8/2017 7:40	28.28	75.1	5.67	6.7	SR5	9/8/2017 13:40	28.28	79.2	5.61	7.1	SR5	9/8/2017 19:40	28.19	73.0	5.32	6.6
SR5	9/8/2017 1:45	28.13	80.9	6.07	6.7	SR5	9/8/2017 7:45	28.22	75.3	5.68	7.2	SR5	9/8/2017 13:45	28.26	79.0	5.72	7.2	SR5	9/8/2017 19:45	28.18	72.6	5.85	6.7
SR5	9/8/2017 1:50	28.00	80.7	6.06	7.1	SR5	9/8/2017 7:50	28.22	75.3	5.68	6.5	SR5	9/8/2017 13:50	28.29	78.0	5.63	6.5	SR5	9/8/2017 19:50	28.06	71.3	5.68	7.3
SR5	9/8/2017 1:55	28.10	80.2	6.03	7.1	SR5	9/8/2017 7:55	28.27	75.3	5.68	7.3	SR5	9/8/2017 13:55	28.36	73.4	5.44	7.1	SR5	9/8/2017 19:55	28.08	71.4	5.77	7.2
SR5	9/8/2017 2:00	28.04	79.6	5.98	7.4	SR5	9/8/2017 8:00	28.35	75.1	5.66	6.4	SR5	9/8/2017 14:00	28.25	76.0	5.49	6.7	SR5	9/8/2017 20:00	28.18	70.9	5.73	6.7
SR5	9/8/2017 2:05	28.01	78.9	5.94	7.3	SR5	9/8/2017 8:05	28.17	74.9	5.64	7.2	SR5	9/8/2017 14:05	28.25	75.2	5.51	7.4	SR5	9/8/2017 20:05	27.99	69.9	5.88	7.5
SR5	9/8/2017 2:10	28.20	78.1	5.87	6.6	SR5	9/8/2017 8:10	28.22	74.8	5.63	6.7	SR5	9/8/2017 14:10	28.26	76.2	5.62	6.7	SR5	9/8/2017 20:10	28.03	69.5	5.51	6.7
SR5	9/8/2017 2:15	28.23	77.5	5.84	7.0	SR5	9/8/2017 8:15	28.42	74.8	5.62	6.4	SR5	9/8/2017 14:15	28.28	76.8	5.65	7.3	SR5	9/8/2017 20:15	28.01	70.4	5.68	6.8
SR5	9/8/2017 2:20	28.13	77.4	5.81	6.9	SR5	9/8/2017 8:20	28.35	75.2	5.48	7.1	SR5	9/8/2017 14:20	28.29	77.3	5.66	7.0	SR5	9/8/2017 20:20	28.06	69.7	5.49	8.9
SR5	9/8/2017 2:25	28.08	77.3	5.80	6.9	SR5	9/8/2017 8:25	28.36	75.4	5.57	7.0	SR5	9/8/2017 14:25	28.24	77.4	5.59	7.2	SR5	9/8/2017 20:25	28.06	69.9	5.67	7.0
SR5	9/8/2017 2:30	28.07	76.7	5.77	7.3	SR5	9/8/2017 8:30	28.42	75.8	5.53	6.5	SR5	9/8/2017 14:30	28.22	77.3	5.63	6.6	SR5	9/8/2017 20:30	28.20	69.3	5.68	7.7
SR5	9/8/2017 2:35	28.13	75.7	5.68	6.8	SR5	9/8/2017 8:35	28.49	71.7	5.36	6.9	SR5	9/8/2017 14:35	28.29	78.1	5.67	7.6	SR5	9/8/2017 20:35	28.11	69.0	5.62	8.6
SR5	9/8/2017 2:40	28.08	75.3	5.66	7.3	SR5	9/8/2017 8:40	28.37	78.5	5.77	7.4	SR5	9/8/2017 14:40	28.21	78.4	5.72	6.9	SR5	9/8/2017 20:40	28.23	69.9	5.85	6.9
SR5	9/8/2017 2:45	28.21	75.5	5.67	6.8	SR5	9/8/2017 8:45	28.44	82.4	6.01	6.8	SR5	9/8/2017 14:45	28.33	78.2	5.67	6.7	SR5	9/8/2017 20:45	28.10	69.5	5.67	7.7
SR5	9/8/2017 2:50	28.14	75.7	5.68	7.6	SR5	9/8/2017 8:50	28.51	77.3	5.67	7.4	SR5	9/8/2017 14:50	28.15	78.2	5.74	7.1	SR5	9/8/2017 20:50	28.30	75.5	5.45	7.0
SR5	9/8/2017 2:55	28.26	76.6	5.73	6.6	SR5	9/8/2017 8:55	28.43	78.8	5.72	7.0	SR5	9/8/2017 14:55	28.34	77.7	5.69	7.2	SR5	9/8/2017 20:55	28.22	76.3	5.51	8.9
SR5	9/8/2017 3:00	28.12	76.9	5.76	7.0	SR5	9/8/2017 9:00	28.53	78.5	5.84	6.5	SR5	9/8/2017 15:00	28.24	76.7	5.63	7.0	SR5	9/8/2017 21:00	28.25	75.9	5.45	6.6
SR5	9/8/2017 3:05	28.17	76.6	5.73	6.4	SR5	9/8/2017 9:05	28.50	79.0	5.76	6.5	SR5	9/8/2017 15:05	28.26	76.8	5.62	6.4	SR5	9/8/2017 21:05	28.30	76.1	5.56	7.9
SR5	9/8/2017 3:10	28.22	75.8	5.67	6.8	SR5	9/8/2017 9:10	28.47	81.3	6.00	7.3	SR5	9/8/2017 15:10	28.16	90.1	6.42	7.2	SR5	9/8/2017 21:10	28.15	75.7	5.51	8.6
SR5	9/8/2017 3:15	28.41	75.3	5.62	7.0	SR5	9/8/2017 9:15	28.54	80.7	5.95	7.1	SR5	9/8/2017 15:15	28.27	80.2	5.69	6.7	SR5	9/8/2017 21:15	28.28	76.0	5.47	6.6
SR5	9/8/2017 3:20	28.23	76.9	5.77	7.1	SR5	9/8/2017 9:20	28.56	84.5	6.23	6.8	SR5	9/8/2017 15:20	28.12	79.5	5.77	6.6	SR5	9/8/2017 21:20	28.33	77.2	5.59	9.1
SR5	9/8/2017 3:25	28.21	78.8	5.91	6.7	SR5	9/8/2017 9:25	28.52	81.1	5.93	6.8	SR5	9/8/2017 15:25	28.15	78.9	5.69	6.5	SR5	9/8/2017 21:25	28.30	78.8	5.69	6.5
SR5	9/8/2017 3:30	28.30	79.9	6.00	7.3	SR5	9/8/2017 9:30	28.50	80.6	5.91	6.4	SR5	9/8/2017 15:30	28.25	77.3	5.57	6.4	SR5	9/8/2017 21:30	28.27	77.6	5.62	8.1
SR5	9/8/2017 3:35	28.22	80.0	6.04	6.6	SR5	9/8/2017 9:35	28.45	80.7	5.83	6.7	SR5	9/8/2017 15:35	28.14	73.3	5.36	6.9	SR5	9/8/2017 21:35	28.34	77.6	5.65	7.5
SR5	9/8/2017 3:40	28.24	78.5	5.94	7.3	SR5	9/8/2017 9:40	28.57	81.3	5.99	6.6	SR5	9/8/2017 15:40	28.31	75.7	5.50	7.0	SR5	9/8/2017 21:40	28.19	77.9	5.64	8.5
SR5	9/8/2017 3:45	28.32	78.3	5.95	6.7	SR5	9/8/2017 9:45	28.49	81.7	5.94	7.0	SR5	9/8/2017 15:45	28.22	75.2	5.46	7.0	SR5	9/8/2017 21:45	28.31	77.5	5.62	8.5
SR5	9/8/2017 3:50	28.31	79.0	6.00	7.5	SR5	9/8/2017 9:50	28.48	81.2	5.99	6.6	SR5	9/8/2017 15:50	28.25	76.2	5.56	7.1	SR5	9/8/2017 21:50	28.38	79.3	5.83	8.1
SR5	9/8/2017 3:55	28.26	79.5	6.05	7.0	SR5	9/8/2017 9:55	28.50	84.2	6.22	7.1	SR5	9/8/2017 15:55	28.26	76.6	5.62	6.9	SR5	9/8/2017 21:55	28.22	78.8	5.71	8.3
SR5	9/8/2017 4:00	28.22	79.4	6.04	6.7	SR5	9/8/2017 10:00	28.51	83.0	6.14	7.0	SR5	9/8/2017 16:00	28.12	76.5	5.56	6.9	SR5	9/8/2017 22:00	28.30	78.4	5.69	6.8
SR5	9/8/2017 4:05	28.16	80.3	6.10	7.1	SR5	9/8/2017 10:05	28.42	83.2	6.12	7.2	SR5	9/8/2017 16:05	28.15	76.6	5.57	7.1	SR5	9/8/2017 22:05	28.25	78.5	5.70	8.0
SR5	9/8/2017 4:10	28.37	80.0	6.08	6.6	SR5	9/8/2017 10:10	28.47	85.6	6.30	7.4	SR5	9/8/2017 16:10	28.26	76.4	5.60	7.4	SR5	9/8/2017 22:10	28.28	79.6	5.71	8.4
SR5	9/8/2017 4:15	28.52	80.1	6.09	7.1	SR5	9/8/2017 10:15	28.48	83.8	6.04	6.6	SR5	9/8/2017 16:15	28.27	76.4	5.59	6.8	SR5	9/8/2017 22:15	28.30	80.2	5.76	9.0
SR5	9/8/2017 4:20	28.41	79.9	6.08	6.7	SR5	9/8/2017 10:20	28.41	84.6	6.24	6.5	SR5	9/8/2017 16:20	28.31	76.5	5.64	7.5	SR5	9/8/2017 22:20	28.27	82.6	6.00	6.7
SR5	9/8/2017 4:25	28.35	80.5	6.12	6.6	SR5	9/8/2017 10:25	28.47	83.9	6.08	6.5	SR5	9/8/2017 16:25	28.20	76.3	5.55	7.4	SR5	9/8/2017 22:25	28.41	82.8	5.93	7.8
SR5	9/8/2017 4:30	28.24	82.4	6.26	7.5	SR5	9/8/2017 10:30	28.46	84.6	6.15	7.2	SR5	9/8/2017 16:30	28.21	76.3	5.46	7.0	SR5	9/8/2017 22:30	28.33	81.6	5.89	7.4
SR5	9/8/2017 4:35	28.22	83.0	6.32	6.8	SR5	9/8/2017 10:35	28.45	84.2	6.13	6.7	SR5	9/8/2017 16:35	28.18	75.5	5.51	6.4	SR5	9/8/2017 22:35	28.31	80.4	5.86	8.8
SR5	9/8/2017 4:40	28.31	83.4	6.35	6.9	SR5	9/8/2017 10:40	28.39	84.3	6.19	6.4	SR5	9/8/2017 16:40	28.18	75.0	5.43	7.2	SR5	9/8/2017 22:40	28.38	80.0	5.79	6.4
SR5	9/8/2017 4:45	28.19	83.6	6.37	6.7	SR5	9/8/2017 10:45	28.38	84.4	6.32	7.3	SR5	9/8/2017 16:45	28.13	75.5	5.48	7.2	SR5	9/8/2017 22:45	28.38	79.3	5.67	6.9
SR5	9/8/2017 4:50	28.17	83.4	6.36	7.6	SR5	9/8/2017 10:50	28.41	86.0	6.11	7.2	SR5	9/8/2017 16:50	28.07	74.6	5.43	6.9	SR5	9/8/2017 22:50	28.34	80.8	5.81	8.1
SR5	9/8/2017 4:55	28.12	83.0	6.33	7.4	SR5	9/8/2017 10:55	28.49	96.5	7.43	7.2	SR5	9/8/2017 16:55	28.16	74.6	5.41	7.0	SR5	9/8/2017 22:55	28.45	80.9	5.86	7.9
SR5	9/8/2017 5:00	28.28	82.9	6.33	7.3	SR5	9/8/2017 11:00	28.35	82.6	6.15	7.2	SR5	9/8/2017 17:00	28.19	76.2	5.50	7.0	SR5	9/8/2017 23:00	28.29	80.1	5.77	7.6
SR5	9/8/2017 5:05	28.05	82.3	6.29	7.0	SR5	9/8/2017 11:05	28.37	84.9	6.17	7.6	SR5	9/8/2017 17:05	28.07	77.3	5.63	7.2	SR5	9/8/2017 23:05	28.26	79.6	5.77	8.5
SR5	9/8/2017 5:10	28.14	83.0	6.36	7.3	SR5	9/8/2017 11:10	28.35	82.5	6.02	7.3	SR5	9/8/2017 17:10	28.23	77.1	5.60	6.9	SR5	9/8/2017 23:10	28.35	78.8	5.71	8.6
SR5	9/8/2017 5:15	28.10	84.4	6.47	6.6	SR5	9/8/2017 11:15	28.45	86.5	6.22	6.6	SR5	9/8/2017 17:15	28.19	77.1	5.53	7.4	SR5	9/8/2017 23:15	28.38	82.1	5.93	7.0
SR5	9/8/2017 5:20	28.06	84.8	6.51	7.2	SR5	9/8/2017 11:20	28.42	83.1	6.10	6.9	SR5	9/8/2017 17:20	28.06	75.9	5.43	6.7	SR5	9/8/2017 23:20	28.28	81.8	5.90	7.8
SR5	9/8/2017 5:25	28.14	84.3	6.47	6.8	SR5	9/8/2017 11:25	28.36	82.6	6.00	7.5	SR5	9/8/2017 17:25	28.13	74.4	5.29	7.1	SR5	9/8/2017 23:25	28.31	81.7	5.89	7.0
SR5	9/8/2017 5:30	28.21	83.9	6.43	6.9	SR5	9/8/2017 11:30	28.41	83.3	6.03	6.8	SR5	9/8/2017 17:30	28.14	73.6	5.29	7.5	SR5	9/8/2017 23:30	28.26	81.5	5.86	7.8
SR5	9/8/2017 5:35	28.13	83.6	6.41	7.2	SR5	9/8/2017 11:35	28.34	83.0	6.01	6.7	SR5	9/8/2017 17:35	28.12	73.4	5.28	7.3	SR5	9/8/2017 23:35	28.32	81.2	5.78	7.5
SR5	9/8/2017 5:40	28.13	83.2	6.40	7.1	SR5	9/8/2017 11:40	28.51	83.7	6.02	7.1	SR5	9/8/2017 17:40	28.12	73.9	5.41	7.4	SR5	9/8/2017 23:40	28.37	81.0	5.76	7.6
SR5	9/8/2017 5:45	28.03	82.8	6.36	7.4	SR5	9/8/2017 11:45	28.53	82.3	6.07	6.7	SR5	9/8/2017 17:45	28.11	75.6	5.34	7.0	SR5	9/8/2017 23:45	28.62	80.8	5.86	7.0
SR5	9/8/2017 5:50	28.17	82.4	6.33	6.9	SR5	9/8/2017 11:50	28.42	85.0	6.20	6.8	SR5	9/8/2017 17:50	28.21	77.4	5.49	7.1	SR5	9/8/2017 23:50	28.67	79.8	5.77	6.9
SR5	9/8/2017 5:55	28.28	82.0	6.29	6.7	SR5	9/8/2017 11:55	28.38	82.5	5.94	7.1	SR5	9/8/2017 17:55	28.25	76.9	5.40	7.3	SR5	9/8/2017 23:55	28.66	80.3	5.81	6.4

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR12	9/8/2017 0:01	27.93	75.7	5.51	6.0	SR12	9/8/2017 6:01	28.05	79.8	5.86	6.1	SR12	9/8/2017 12:01	28.34	85.2	6.14	5.7	SR12	9/8/2017 18:01	28.14	78.1	5.53	7.8
SR12	9/8/2017 0:06	28.11	76.1	5.55	4.2	SR12	9/8/2017 6:06	28.19	81.0	5.94	6.2	SR12	9/8/2017 12:06	28.33	87.4	6.28	5.4	SR12	9/8/2017 18:06	28.22	76.3	5.42	7.4
SR12	9/8/2017 0:11	28.09	72.4	5.25	4.7	SR12	9/8/2017 6:11	28.14	80.2	5.87	6.1	SR12	9/8/2017 12:11	28.44	83.8	6.04	6.3	SR12	9/8/2017 18:11	28.05	76.6	5.45	5.6
SR12	9/8/2017 0:16	28.02	70.7	5.12	6.3	SR12	9/8/2017 6:16	28.32	81.0	5.94	4.8	SR12	9/8/2017 12:16	28.31	84.5	6.08	6.9	SR12	9/8/2017 18:16	28.14	77.2	5.50	7.2
SR12	9/8/2017 0:21	28.07	73.2	5.32	6.2	SR12	9/8/2017 6:21	28.23	81.1	5.94	5.2	SR12	9/8/2017 12:21	28.31	81.3	5.84	6.2	SR12	9/8/2017 18:21	28.21	75.5	5.36	7.1
SR12	9/8/2017 0:26	27.98	72.1	5.23	4.1	SR12	9/8/2017 6:26	28.35	79.1	5.78	5.7	SR12	9/8/2017 12:26	28.44	79.0	5.66	7.3	SR12	9/8/2017 18:26	28.14	77.1	5.48	8.2
SR12	9/8/2017 0:31	28.11	71.7	5.20	4.6	SR12	9/8/2017 6:31	28.23	77.6	5.66	4.9	SR12	9/8/2017 12:31	28.34	83.5	6.01	6.8	SR12	9/8/2017 18:31	28.12	77.2	5.49	8.2
SR12	9/8/2017 0:36	28.06	71.2	5.16	6.2	SR12	9/8/2017 6:36	28.35	76.4	5.57	4.6	SR12	9/8/2017 12:36	28.34	78.1	5.55	6.6	SR12	9/8/2017 18:36	28.18	77.9	5.55	7.9
SR12	9/8/2017 0:41	27.98	71.0	5.14	6.4	SR12	9/8/2017 6:41	28.45	75.2	5.48	5.5	SR12	9/8/2017 12:41	28.31	80.4	5.85	6.8	SR12	9/8/2017 18:41	28.11	76.8	5.48	6.2
SR12	9/8/2017 0:46	27.90	72.3	5.24	5.0	SR12	9/8/2017 6:46	28.29	81.3	5.96	4.0	SR12	9/8/2017 12:46	28.43	86.2	6.30	5.7	SR12	9/8/2017 18:46	28.13	75.2	5.36	5.7
SR12	9/8/2017 0:51	28.05	71.9	5.21	5.7	SR12	9/8/2017 6:51	28.14	81.6	5.98	4.7	SR12	9/8/2017 12:51	28.28	96.0	7.17	6.2	SR12	9/8/2017 18:51	28.13	77.6	5.49	6.3
SR12	9/8/2017 0:56	28.11	72.1	5.23	4.4	SR12	9/8/2017 6:56	28.27	81.2	5.95	4.9	SR12	9/8/2017 12:56	28.34	82.4	5.94	5.4	SR12	9/8/2017 18:56	28.09	76.8	5.44	7.6
SR12	9/8/2017 1:01	28.01	72.1	5.23	6.5	SR12	9/8/2017 7:01	28.23	83.4	6.12	4.6	SR12	9/8/2017 13:01	28.37	83.5	6.01	7.2	SR12	9/8/2017 19:01	28.06	76.7	5.45	6.1
SR12	9/8/2017 1:06	28.05	72.0	5.23	6.2	SR12	9/8/2017 7:06	28.35	82.8	6.08	4.1	SR12	9/8/2017 13:06	28.48	78.9	5.66	8.2	SR12	9/8/2017 19:06	28.15	74.9	5.33	5.6
SR12	9/8/2017 1:11	28.14	71.4	5.18	5.8	SR12	9/8/2017 7:11	28.38	81.7	5.99	6.2	SR12	9/8/2017 13:11	28.39	90.3	6.43	8.2	SR12	9/8/2017 19:11	28.07	74.6	5.30	7.0
SR12	9/8/2017 1:16	28.11	71.4	5.18	5.2	SR12	9/8/2017 7:16	28.26	78.3	5.71	4.7	SR12	9/8/2017 13:16	28.30	76.3	5.54	7.1	SR12	9/8/2017 19:16	28.06	74.3	5.28	8.2
SR12	9/8/2017 1:21	27.94	71.3	5.17	5.6	SR12	9/8/2017 7:21	28.31	78.8	5.76	5.5	SR12	9/8/2017 13:21	28.28	71.8	5.25	7.8	SR12	9/8/2017 19:21	28.14	74.6	5.29	6.9
SR12	9/8/2017 1:26	28.09	71.6	5.19	4.1	SR12	9/8/2017 7:26	28.31	82.9	6.09	4.1	SR12	9/8/2017 13:26	28.22	84.3	6.06	6.8	SR12	9/8/2017 19:26	28.10	73.9	5.25	6.0
SR12	9/8/2017 1:31	28.04	72.0	5.22	6.2	SR12	9/8/2017 7:31	28.24	80.0	5.85	5.1	SR12	9/8/2017 13:31	28.31	90.6	6.46	7.2	SR12	9/8/2017 19:31	28.16	73.2	5.20	7.2
SR12	9/8/2017 1:36	28.14	72.3	5.25	6.4	SR12	9/8/2017 7:36	28.19	78.9	5.76	6.2	SR12	9/8/2017 13:36	28.39	84.9	6.09	6.8	SR12	9/8/2017 19:36	28.04	73.8	5.24	7.0
SR12	9/8/2017 1:41	28.10	71.5	5.19	4.6	SR12	9/8/2017 7:41	28.31	76.6	5.58	6.2	SR12	9/8/2017 13:41	28.29	84.0	6.00	5.7	SR12	9/8/2017 19:41	28.18	74.0	5.26	6.0
SR12	9/8/2017 1:46	28.13	72.0	5.23	4.6	SR12	9/8/2017 7:46	28.17	78.9	5.76	6.6	SR12	9/8/2017 13:46	28.31	80.2	5.74	7.4	SR12	9/8/2017 19:46	28.08	74.6	5.32	8.0
SR12	9/8/2017 1:51	27.99	72.5	5.27	6.3	SR12	9/8/2017 7:51	28.20	76.4	5.56	4.2	SR12	9/8/2017 13:51	28.33	81.3	5.82	6.7	SR12	9/8/2017 19:51	28.07	75.0	5.36	5.5
SR12	9/8/2017 1:56	28.14	72.0	5.24	4.6	SR12	9/8/2017 7:56	28.37	75.7	5.50	5.8	SR12	9/8/2017 13:56	28.22	79.0	5.72	7.0	SR12	9/8/2017 19:56	28.10	74.8	5.35	6.7
SR12	9/8/2017 2:01	28.10	72.4	5.26	5.8	SR12	9/8/2017 8:01	28.19	75.3	5.47	4.7	SR12	9/8/2017 14:01	28.29	80.5	5.84	7.0	SR12	9/8/2017 20:01	28.12	75.4	5.39	6.0
SR12	9/8/2017 2:06	27.97	73.1	5.31	4.8	SR12	9/8/2017 8:06	28.21	76.2	5.55	5.2	SR12	9/8/2017 14:06	28.28	78.4	5.70	5.6	SR12	9/8/2017 20:06	28.13	75.8	5.41	6.1
SR12	9/8/2017 2:11	28.04	72.2	5.26	6.6	SR12	9/8/2017 8:11	28.36	76.8	5.59	6.3	SR12	9/8/2017 14:11	28.33	78.3	5.66	5.7	SR12	9/8/2017 20:11	28.13	76.1	5.43	5.9
SR12	9/8/2017 2:16	28.10	73.0	5.31	5.4	SR12	9/8/2017 8:16	28.26	78.8	5.74	6.3	SR12	9/8/2017 14:16	28.28	78.3	5.64	7.8	SR12	9/8/2017 20:16	28.19	76.6	5.46	5.8
SR12	9/8/2017 2:21	28.03	74.2	5.40	5.6	SR12	9/8/2017 8:21	28.31	80.3	5.86	4.1	SR12	9/8/2017 14:21	28.37	77.1	5.55	7.0	SR12	9/8/2017 20:21	28.18	74.2	5.28	6.3
SR12	9/8/2017 2:26	28.07	73.2	5.33	5.5	SR12	9/8/2017 8:26	28.34	77.7	5.65	4.5	SR12	9/8/2017 14:26	28.24	77.1	5.54	5.6	SR12	9/8/2017 20:26	28.14	75.2	5.36	7.5
SR12	9/8/2017 2:31	28.18	73.7	5.36	5.5	SR12	9/8/2017 8:31	28.40	79.0	5.76	5.2	SR12	9/8/2017 14:31	28.25	77.0	5.57	6.7	SR12	9/8/2017 20:31	28.10	75.1	5.36	7.0
SR12	9/8/2017 2:36	28.13	73.3	5.34	5.9	SR12	9/8/2017 8:36	28.34	74.6	5.47	4.4	SR12	9/8/2017 14:36	28.37	77.8	5.64	7.4	SR12	9/8/2017 20:36	28.21	75.4	5.39	6.8
SR12	9/8/2017 2:41	28.07	72.9	5.31	5.7	SR12	9/8/2017 8:41	28.45	80.9	5.89	5.8	SR12	9/8/2017 14:41	28.27	78.4	5.67	6.4	SR12	9/8/2017 20:41	28.04	74.1	5.27	5.8
SR12	9/8/2017 2:46	28.18	72.6	5.29	6.4	SR12	9/8/2017 8:46	28.39	83.7	5.97	5.7	SR12	9/8/2017 14:46	28.33	78.7	5.69	7.7	SR12	9/8/2017 20:46	28.11	74.8	5.33	7.9
SR12	9/8/2017 2:51	28.05	73.3	5.34	6.0	SR12	9/8/2017 8:51	28.47	72.9	5.29	5.5	SR12	9/8/2017 14:51	28.17	79.2	5.73	6.1	SR12	9/8/2017 20:51	28.23	73.7	5.25	7.7
SR12	9/8/2017 2:56	28.13	74.6	5.44	4.5	SR12	9/8/2017 8:56	28.44	74.6	5.40	4.5	SR12	9/8/2017 14:56	28.17	79.7	5.79	8.0	SR12	9/8/2017 20:56	28.15	74.1	5.27	5.7
SR12	9/8/2017 3:01	28.20	74.6	5.43	4.3	SR12	9/8/2017 9:01	28.43	75.8	5.50	5.5	SR12	9/8/2017 15:01	28.18	78.2	5.69	7.7	SR12	9/8/2017 21:01	28.14	71.6	5.08	6.1
SR12	9/8/2017 3:06	28.18	74.7	5.45	4.6	SR12	9/8/2017 9:06	28.53	78.6	5.72	6.6	SR12	9/8/2017 15:06	28.29	80.0	5.77	5.7	SR12	9/8/2017 21:06	28.13	71.2	5.06	7.3
SR12	9/8/2017 3:11	28.20	74.7	5.45	6.1	SR12	9/8/2017 9:11	28.51	84.3	6.15	6.5	SR12	9/8/2017 15:11	28.29	90.7	6.36	7.3	SR12	9/8/2017 21:11	28.26	69.4	4.93	7.8
SR12	9/8/2017 3:16	28.23	74.7	5.46	5.3	SR12	9/8/2017 9:16	28.50	84.9	6.15	5.5	SR12	9/8/2017 15:16	28.15	80.9	5.75	6.8	SR12	9/8/2017 21:16	28.26	69.7	4.93	6.0
SR12	9/8/2017 3:21	28.29	75.1	5.48	4.5	SR12	9/8/2017 9:21	28.44	86.4	6.23	4.4	SR12	9/8/2017 15:21	28.20	80.3	5.71	7.1	SR12	9/8/2017 21:21	28.30	71.9	5.11	8.2
SR12	9/8/2017 3:26	28.19	74.8	5.46	4.7	SR12	9/8/2017 9:26	28.59	81.4	5.87	5.4	SR12	9/8/2017 15:26	28.15	80.8	5.76	6.7	SR12	9/8/2017 21:26	28.26	72.0	5.11	5.6
SR12	9/8/2017 3:31	28.34	75.1	5.48	5.2	SR12	9/8/2017 9:31	28.39	81.8	5.93	4.8	SR12	9/8/2017 15:31	28.19	79.0	5.63	7.3	SR12	9/8/2017 21:31	28.19	70.5	4.99	5.9
SR12	9/8/2017 3:36	28.34	74.8	5.46	4.2	SR12	9/8/2017 9:36	28.53	84.1	6.07	6.6	SR12	9/8/2017 15:36	28.15	76.0	5.48	6.7	SR12	9/8/2017 21:36	28.16	72.1	5.12	7.7
SR12	9/8/2017 3:41	28.27	75.2	5.50	4.3	SR12	9/8/2017 9:41	28.49	78.9	5.66	5.8	SR12	9/8/2017 15:41	28.17	77.1	5.53	7.6	SR12	9/8/2017 21:41	28.21	70.6	5.00	7.5
SR12	9/8/2017 3:46	28.14	74.9	5.48	4.2	SR12	9/8/2017 9:46	28.57	83.1	5.99	5.2	SR12	9/8/2017 15:46	28.24	76.0	5.46	6.0	SR12	9/8/2017 21:46	28.26	72.1	5.13	7.4
SR12	9/8/2017 3:51	28.18	73.9	5.41	4.0	SR12	9/8/2017 9:51	28.49	83.5	6.01	4.9	SR12	9/8/2017 15:51	28.32	76.6	5.50	6.2	SR12	9/8/2017 21:51	28.28	73.5	5.23	8.1
SR12	9/8/2017 3:56	28.36	74.4	5.45	4.8	SR12	9/8/2017 9:56	28.39	85.0	6.14	6.2	SR12	9/8/2017 15:56	28.19	77.2	5.53	6.8	SR12	9/8/2017 21:56	28.32	71.5	5.07	7.8
SR12	9/8/2017 4:01	28.21	72.5	5.30	4.4	SR12					4.0	SR12	9/8/2017 16:01	28.16	77.6	5.57	6.8	SR12	9/8/2017 22:01	28.38	71.7	5.09	7.9
SR12	9/8/2017 4:06	28.34	74.5	5.46	4.1	SR12					6.5	SR12	9/8/2017 16:06	28.32	76.8	5.51	6.2	SR12	9/8/2017 22:06	28.27	72.6	5.16	7.6
SR12	9/8/2017 4:11	28.20	73.5	5.38	4.3	SR12					5.1	SR12	9/8/2017 16:11	28.31	77.2	5.55	6.1	SR12	9/8/2017 22:11	28.24	74.6	5.31	7.7
SR12	9/8/2017 4:16	28.20	73.5	5.39	5.7	SR12					5.9	SR12	9/8/2017 16:16	28.19	76.6	5.49	7.8	SR12	9/8/2017 22:16	28.35	74.3	5.29	7.7
SR12	9/8/2017 4:21	28.15	72.5	5.30	4.4	SR12					4.3	SR12	9/8/2017 16:21	28.29	76.7	5.50	6.4	SR12	9/8/2017 22:21	28.27	75.8	5.40	8.2
SR12	9/8/2017 4:26	28.29	74.1	5.43	5.9	SR12					6.3	SR12	9/8/2017 16:26	28.14	77.3	5.55	5.9	SR12	9/8/2017 22:26	28.34	75.8	5.40	8.2
SR12	9/8/2017 4:31	28.38	75.0	5.50	4.1	SR12					5.7	SR12	9/8/2017 16:31	28.27	75.1	5.37	5.9	SR12	9/8/2017 22:31	28.29	76.7	5.45	6.9
SR12	9/8/2017 4:36	28.36	75.2	5.51	6.6	SR12					4.1	SR12	9/8/2017 16:36	28.19	75.5	5.41	7.5	SR12	9/8/2017 22:36	28.38	73.9	5.25	8.0
SR12	9/8/2017 4:41	28.30	77.1	5.66	6.3	SR12					5.7	SR12	9/8/2017 16:41	28.11	77.6	5.59	6.4	SR12	9/8/2017 22:41	28.27	74.2	5.27	6.1
SR12	9/8/2017 4:46	28.24	76.2	5.59	4.9	SR12					6.0	SR12	9/8/2017 16:46	28.19	78.3	5.64	5.9	SR12	9/8/2017 22:46	28.31	75.5	5.37	6.5
SR12	9/8/2017 4:51	28.26	76.2	5.58	6.0	SR12					5.6	SR12	9/8/2017 16:51	28.26	77.7	5.60	5.8	SR12	9/8/2017 22:51	28.23	77.4	5.51	6.5
SR12	9/8/2017 4:56	28.25	76.1	5.58	6.5	SR12					4.0	SR12	9/8/2017 16:56	28.19	76.7	5.52	7.3	SR12	9/8/2017 22:56	28.34	76.6	5.46	7.3
SR12	9/8/2017 5:01	28.34	76.1	5.58	6.1	SR12					5.3	SR12	9/8/2017 17:01	28.12	78.7	5.65	7.1	SR12	9/8/2017 23:01	28.29	77.1	5.51	5.6
SR12	9/8/2017 5:06	28.23	75.1	5.50	4.6	SR12					6.1	SR12	9/8/2017 17:06	28.15	80.1	5.73	8.2	SR12	9/8/2017 23:06	28.42	78.3	5.60	8.2
SR12	9/8/2017 5:11	28.28	73.1	5.35	5.7	SR12	9/8/2017 11:11	28.53	83.6	6.05	5.5	SR12	9/8/2017 17:11	28.17	79.7	5.70	7.4	SR12	9/8/2017 23:11	28.25	76.1	5.44	5.9
SR12	9/8/2017 5:16	28.29	71.1	5.19	4.9	SR12	9/8/2017 11:16	28.33	89.3	6.44	5.3	SR12	9/8/2017 17:16	28.20	80.3	5.73	6.5	SR12	9/8/2017 23:16	28.42	77.4	5.50	7.2
SR12	9/8/2017 5:21	28.19	75.4	5.53	6.4	SR12	9/8/2017 11:21	28.34	84.8	6.13	6.1	SR12	9/8/2017 17:21	28.07	80.2	5.73	7.6	SR12	9/8/2017 23:21	28.26	79.0	5.63	6.8
SR12	9/8/2017 5:26	28.28	77.3	5.68	5.0	SR12	9/8/2017 11:26	28.32	85.9	6.22	6.3	SR12	9/8/2017 17:26	28.16	78.7	5.63	7.4	SR12	9/8/2017 23:26	28.26	79.1	5.63	6.8
SR12	9/8/2017 5:31	28.17	77.6	5.71	4.3	SR12	9/8/2017 11:31	28.35	86.8	6.29	4.2	SR12	9/8/2017 17:31	28.18	77.3	5.54	6.3	SR12	9/8/2017 23:31	28.34	78.8	5.61	7.1
SR12	9/8/2017 5:36	28.25	78.4	5.77	4.5	SR12	9/8/2017 11:36	28.33	85.9	6.20	6.6	SR12	9/8/2017 17:36	28.23	76.0	5.44	5.9	SR12	9/8/2017 23:36	28.19	80.3	5.74	6.2
SR12	9/8/2017 5:41	28.12	79.9	5.87	5.0	SR12	9/8/2017 11:41	28.37	85.6	6.17	5.2	SR12	9/8/2017 17:41	28.21	77.2	5.51	5.6	SR12	9/8/2017 23:41	28.39	79.2	5.65	7.0
SR12	9/8/2017 5:46	28.07	78.7	5.77	6.1	SR12	9/8/2017 11:46	28.38	83.8	6.04	4.1	SR12	9/8/2017 17:46	28.22	79.3	5.64	7.9	SR12	9/8/2017 23:46	28.39	79.5	5.67	7.8
SR12	9/8/2017 5:51	28.22	79.2	5.81	4.8	SR12	9/8/2017 11:51	28.52	86.9	6.25	4.7	SR12	9/8/2017 17:51	28.22	80.7	5.72	7.2	SR12	9/8/2017 23:51	28.25	79.3	5.67	5.4
SR12	9/8/2017 5:56	28.20	79.2	5.81	4.0	SR12	9/8/2017 11:56	28.53	82.5	5.92	5.0	SR12	9/8/2017 17:56	28.14	80.3	5.69	7.8	SR12	9/8/2017 23:56	28.34	78.5	5.64	5.9

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR13	9/8/2017 0:00	27.84	73.2	5.04	3.0	SR13	9/8/2017 6:00	27.57	71.1	4.91	6.2	SR13	9/8/2017 12:00	27.43	80.8	5.54	5.5	SR13	9/8/2017 18:00	27.76	86.8	5.84	6.8
SR13	9/8/2017 0:05	27.84	73.4	5.06	4.1	SR13	9/8/2017 6:05	27.56	71.3	4.93	6.7	SR13	9/8/2017 12:05	27.44	82.4	5.62	6.8	SR13	9/8/2017 18:05	27.67	82.0	5.54	5.3
SR13	9/8/2017 0:10	27.85	73.3	5.05	3.3	SR13	9/8/2017 6:10	27.56	71.1	4.91	5.8	SR13	9/8/2017 12:10	27.45	78.4	5.35	5.9	SR13	9/8/2017 18:10	27.81	81.3	5.49	5.4
SR13	9/8/2017 0:15	27.86	72.9	5.03	3.3	SR13	9/8/2017 6:15	27.56	71.4	4.93	6.6	SR13	9/8/2017 12:15	27.46	80.5	5.50	6.1	SR13	9/8/2017 18:15	27.75	79.8	5.39	6.1
SR13	9/8/2017 0:20	27.85	72.3	4.97	4.8	SR13	9/8/2017 6:20	27.54	71.9	4.97	6.4	SR13	9/8/2017 12:20	27.47	78.4	5.35	6.6	SR13	9/8/2017 18:20	27.73	80.6	5.44	6.1
SR13	9/8/2017 0:25	27.86	72.9	5.02	6.2	SR13	9/8/2017 6:25	27.55	71.7	4.96	7.3	SR13	9/8/2017 12:25	27.47	78.4	5.35	6.3	SR13	9/8/2017 18:25	27.70	80.1	5.43	4.9
SR13	9/8/2017 0:30	27.86	73.3	5.05	4.4	SR13	9/8/2017 6:30	27.55	71.9	4.96	6.8	SR13	9/8/2017 12:30	27.48	78.1	5.32	5.2	SR13	9/8/2017 18:30	27.72	80.6	5.48	5.0
SR13	9/8/2017 0:35	27.86	73.7	5.08	3.3	SR13	9/8/2017 6:35	27.55	72.0	4.97	5.3	SR13	9/8/2017 12:35	27.48	78.7	5.35	7.0	SR13	9/8/2017 18:35	27.70	79.0	5.37	4.5
SR13	9/8/2017 0:40	27.87	73.2	5.04	3.6	SR13	9/8/2017 6:40	27.55	71.6	4.95	7.3	SR13	9/8/2017 12:40	27.50	79.1	5.49	7.3	SR13	9/8/2017 18:40	27.70	78.1	5.30	5.4
SR13	9/8/2017 0:45	27.88	74.0	5.10	4.2	SR13	9/8/2017 6:45	27.55	72.0	4.98	7.5	SR13	9/8/2017 12:45	27.51	80.1	5.55	6.4	SR13	9/8/2017 18:45	27.67	77.7	5.27	4.9
SR13	9/8/2017 0:50	27.87	72.9	5.02	5.1	SR13	9/8/2017 6:50	27.56	72.7	5.03	7.1	SR13	9/8/2017 12:50	27.52	93.4	6.70	5.3	SR13	9/8/2017 18:50	27.63	80.0	5.39	5.5
SR13	9/8/2017 0:55	27.88	80.8	5.65	4.6	SR13	9/8/2017 6:55	27.57	72.2	4.99	6.6	SR13	9/8/2017 12:55	27.53	77.6	5.29	6.2	SR13	9/8/2017 18:55	27.60	78.9	5.31	5.0
SR13	9/8/2017 1:00	27.87	72.5	5.00	4.5	SR13	9/8/2017 7:00	27.57	72.6	5.02	6.9	SR13	9/8/2017 13:00	27.54	79.1	5.40	6.9	SR13	9/8/2017 19:00	27.58	77.7	5.26	5.5
SR13	9/8/2017 1:05	27.87	72.3	4.99	5.2	SR13	9/8/2017 7:05	27.57	72.4	5.01	7.5	SR13	9/8/2017 13:05	27.54	76.6	5.25	6.5	SR13	9/8/2017 19:05	27.57	77.4	5.26	6.5
SR13	9/8/2017 1:10	27.87	72.7	5.01	4.9	SR13	9/8/2017 7:10	27.56	72.1	4.98	6.6	SR13	9/8/2017 13:10	27.55	88.5	6.02	5.4	SR13	9/8/2017 19:10	27.60	77.9	5.28	5.6
SR13	9/8/2017 1:15	27.88	71.8	4.94	4.1	SR13	9/8/2017 7:15	27.55	72.1	4.98	6.3	SR13	9/8/2017 13:15	27.57	74.7	5.08	7.3	SR13	9/8/2017 19:15	27.61	78.1	5.29	5.7
SR13	9/8/2017 1:20	27.87	71.2	4.89	5.1	SR13	9/8/2017 7:20	27.54	72.4	5.00	6.1	SR13	9/8/2017 13:20	27.58	65.4	4.49	7.4	SR13	9/8/2017 19:20	27.61	78.9	5.35	5.8
SR13	9/8/2017 1:25	27.87	72.2	4.96	5.1	SR13	9/8/2017 7:25	27.54	73.0	5.05	5.9	SR13	9/8/2017 13:25	27.58	77.9	5.28	6.5	SR13	9/8/2017 19:25	27.61	78.6	5.35	5.1
SR13	9/8/2017 1:30	27.87	72.3	4.97	4.9	SR13	9/8/2017 7:30	27.55	73.4	5.07	7.4	SR13	9/8/2017 13:30	27.58	83.9	5.66	6.2	SR13	9/8/2017 19:30	27.62	77.4	5.27	5.7
SR13	9/8/2017 1:35	27.87	71.6	4.92	5.6	SR13	9/8/2017 7:35	27.55	73.8	5.10	6.2	SR13	9/8/2017 13:35	27.58	80.8	5.49	6.5	SR13	9/8/2017 19:35	27.65	78.6	5.33	5.7
SR13	9/8/2017 1:40	27.87	71.3	4.89	4.1	SR13	9/8/2017 7:40	27.54	73.4	5.08	5.8	SR13	9/8/2017 13:40	27.59	83.2	5.66	5.7	SR13	9/8/2017 19:40	27.61	83.7	5.61	5.5
SR13	9/8/2017 1:45	27.87	70.7	4.85	4.9	SR13	9/8/2017 7:45	27.54	73.5	5.09	7.2	SR13	9/8/2017 13:45	27.59	82.9	5.65	7.1	SR13	9/8/2017 19:45	27.63	78.5	5.29	4.9
SR13	9/8/2017 1:50	27.87	71.6	4.92	5.6	SR13	9/8/2017 7:50	27.54	73.9	5.11	7.4	SR13	9/8/2017 13:50	27.59	82.6	5.60	6.2	SR13	9/8/2017 19:50	27.67	78.3	5.28	5.3
SR13	9/8/2017 1:55	27.87	71.6	4.94	5.0	SR13	9/8/2017 7:55	27.54	73.6	5.09	6.8	SR13	9/8/2017 13:55	27.59	75.6	5.16	6.3	SR13	9/8/2017 19:55	27.67	78.1	5.28	4.0
SR13	9/8/2017 2:00	27.87	71.6	4.93	5.0	SR13	9/8/2017 8:00	27.55	73.6	5.09	5.6	SR13	9/8/2017 14:00	27.61	78.3	5.38	7.9	SR13	9/8/2017 20:00	27.65	77.4	5.23	5.5
SR13	9/8/2017 2:05	27.84	69.9	4.79	4.1	SR13	9/8/2017 8:05	27.54	73.4	5.08	5.9	SR13	9/8/2017 14:05	27.62	78.7	5.41	6.6	SR13	9/8/2017 20:05	27.72	76.2	5.17	5.3
SR13	9/8/2017 2:10	27.86	70.1	4.82	4.2	SR13	9/8/2017 8:10	27.53	73.8	5.11	6.2	SR13	9/8/2017 14:10	27.61	77.0	5.25	7.9	SR13	9/8/2017 20:10	27.71	77.0	5.20	6.0
SR13	9/8/2017 2:15	27.86	70.7	4.86	6.2	SR13	9/8/2017 8:15	27.53	74.1	5.13	5.5	SR13	9/8/2017 14:15	27.54	79.3	5.41	7.5	SR13	9/8/2017 20:15	27.66	77.1	5.21	5.5
SR13	9/8/2017 2:20	27.86	72.0	4.96	4.3	SR13	9/8/2017 8:20	27.51	73.7	5.10	6.1	SR13	9/8/2017 14:20	27.54	79.4	5.42	6.0	SR13	9/8/2017 20:20	27.66	76.7	5.19	5.6
SR13	9/8/2017 2:25	27.86	71.6	4.93	5.8	SR13	9/8/2017 8:25	27.52	74.0	5.12	7.0	SR13	9/8/2017 14:25	27.60	80.2	5.48	7.7	SR13	9/8/2017 20:25	27.65	77.2	5.22	5.0
SR13	9/8/2017 2:30	27.86	71.4	4.91	4.4	SR13	9/8/2017 8:30	27.53	73.0	5.05	6.4	SR13	9/8/2017 14:30	27.61	77.2	5.30	6.5	SR13	9/8/2017 20:30	27.63	77.1	5.22	4.8
SR13	9/8/2017 2:35	27.86	72.7	5.03	5.1	SR13	9/8/2017 8:35	27.51	69.5	4.84	7.0	SR13	9/8/2017 14:35	27.59	78.3	5.38	8.0	SR13	9/8/2017 20:35	27.62	76.7	5.19	6.0
SR13	9/8/2017 2:40	27.86	73.2	5.07	4.5	SR13	9/8/2017 8:40	27.51	74.9	5.18	6.9	SR13	9/8/2017 14:40	27.57	79.2	5.41	5.5	SR13	9/8/2017 20:40	27.67	77.6	5.25	6.3
SR13	9/8/2017 2:45	27.85	73.5	5.09	5.5	SR13	9/8/2017 8:45	27.51	78.5	5.34	7.5	SR13	9/8/2017 14:45	27.58	79.8	5.47	6.4	SR13	9/8/2017 20:45	27.66	77.2	5.22	5.1
SR13	9/8/2017 2:50	27.86	72.6	5.02	5.2	SR13	9/8/2017 8:50	27.49	72.2	5.00	7.0	SR13	9/8/2017 14:50	27.58	81.4	5.60	6.8	SR13	9/8/2017 20:50	27.64	76.4	5.17	4.7
SR13	9/8/2017 2:55	27.85	73.8	5.12	6.0	SR13	9/8/2017 8:55	27.49	74.8	5.18	6.4	SR13	9/8/2017 14:55	27.58	81.2	5.60	6.3	SR13	9/8/2017 20:55	27.57	77.5	5.24	5.4
SR13	9/8/2017 3:00	27.85	73.4	5.08	6.3	SR13	9/8/2017 9:00	27.53	74.2	5.14	5.2	SR13	9/8/2017 15:00	27.52	80.7	5.58	7.0	SR13	9/8/2017 21:00	27.63	76.1	5.14	5.9
SR13	9/8/2017 3:05	27.85	72.9	5.04	5.8	SR13	9/8/2017 9:05	27.53	74.7	5.17	6.5	SR13	9/8/2017 15:05	27.57	83.6	5.75	5.9	SR13	9/8/2017 21:05	27.69	76.0	5.14	5.9
SR13	9/8/2017 3:10	27.83	72.9	5.04	5.0	SR13	9/8/2017 9:10	27.51	77.9	5.41	7.0	SR13	9/8/2017 15:10	27.56	96.4	6.50	5.9	SR13	9/8/2017 21:10	27.95	75.8	5.15	3.9
SR13	9/8/2017 3:15	27.83	72.0	4.98	6.5	SR13	9/8/2017 9:15	27.49	77.4	5.33	6.9	SR13	9/8/2017 15:15	27.58	86.9	5.97	8.1	SR13	9/8/2017 21:15	28.02	77.2	5.24	5.0
SR13	9/8/2017 3:20	27.82	71.5	4.94	4.9	SR13	9/8/2017 9:20	27.51	81.6	5.62	6.5	SR13	9/8/2017 15:20	27.60	84.9	5.70	5.3	SR13	9/8/2017 21:20	28.02	76.9	5.22	4.7
SR13	9/8/2017 3:25	27.82	72.3	5.01	6.1	SR13	9/8/2017 9:25	27.52	78.1	5.37	5.5	SR13	9/8/2017 15:25	27.60	90.5	6.36	5.9	SR13	9/8/2017 21:25	28.04	77.4	5.25	5.6
SR13	9/8/2017 3:30	27.81	72.0	4.98	6.3	SR13	9/8/2017 9:30	27.54	77.8	5.38	5.9	SR13	9/8/2017 15:30	27.52	81.7	5.54	6.5	SR13	9/8/2017 21:30	27.86	77.7	5.26	5.4
SR13	9/8/2017 3:35	27.79	71.6	4.96	6.0	SR13	9/8/2017 9:35	27.53	77.6	5.32	7.1	SR13	9/8/2017 15:35	27.51	78.8	5.38	6.3	SR13	9/8/2017 21:35	27.75	78.1	5.28	5.8
SR13	9/8/2017 3:40	27.79	71.0	4.91	6.0	SR13	9/8/2017 9:40	27.51	77.1	5.29	5.3	SR13	9/8/2017 15:40	27.52	79.2	5.40	6.4	SR13	9/8/2017 21:40	27.63	78.1	5.28	5.2
SR13	9/8/2017 3:45	27.73	71.3	4.94	6.7	SR13	9/8/2017 9:45	27.52	76.5	5.24	5.4	SR13	9/8/2017 15:45	27.55	81.3	5.55	6.7	SR13	9/8/2017 21:45	27.83	77.9	5.26	5.2
SR13	9/8/2017 3:50	27.66	72.1	5.00	4.8	SR13	9/8/2017 9:50	27.50	77.8	5.33	5.7	SR13	9/8/2017 15:50	27.61	79.9	5.45	6.1	SR13	9/8/2017 21:50	27.88	78.4	5.30	5.7
SR13	9/8/2017 3:55	27.65	70.1	4.85	5.3	SR13	9/8/2017 9:55	27.50	81.7	5.64	7.8	SR13	9/8/2017 15:55	27.60	80.7	5.51	7.4	SR13	9/8/2017 21:55	27.70	77.3	5.22	4.6
SR13	9/8/2017 4:00	27.64	70.5	4.88	6.0	SR13	9/8/2017 10:00	27.51	79.7	5.51	7.3	SR13	9/8/2017 16:00	27.56	81.1	5.54	6.0	SR13	9/8/2017 22:00	27.66	76.7	5.19	4.4
SR13	9/8/2017 4:05	27.66	70.1	4.86	5.1	SR13	9/8/2017 10:05	27.50	80.1	5.52	7.9	SR13	9/8/2017 16:05	27.56	80.6	5.49	6.3	SR13	9/8/2017 22:05	27.61	76.1	5.14	5.3
SR13	9/8/2017 4:10	27.67	70.0	4.85	6.0	SR13	9/8/2017 10:10	27.51	82.9	5.72	7.2	SR13	9/8/2017 16:10	27.55	80.1	5.46	6.6	SR13	9/8/2017 22:10	27.92	77.7	5.24	4.6
SR13	9/8/2017 4:15	27.68	70.2	4.87	5.8	SR13	9/8/2017 10:15	27.51	79.5	5.47	6.3	SR13	9/8/2017 16:15	27.54	79.5	5.41	6.6	SR13	9/8/2017 22:15	27.78	78.8	5.31	4.2
SR13	9/8/2017 4:20	27.66	70.5	4.89	5.3	SR13	9/8/2017 10:20	27.49	80.7	5.57	6.5	SR13	9/8/2017 16:20	27.54	81.2	5.53	6.2	SR13	9/8/2017 22:20	27.59	79.8	5.37	4.8
SR13	9/8/2017 4:25	27.65	71.8	4.99	5.7	SR13	9/8/2017 10:25	27.46	79.8	5.49	5.8	SR13	9/8/2017 16:25	27.54	79.1	5.37	7.2	SR13	9/8/2017 22:25	27.78	79.6	5.35	5.5
SR13	9/8/2017 4:30	27.64	71.2	4.94	6.0	SR13	9/8/2017 10:30	27.47	80.5	5.54	7.1	SR13	9/8/2017 16:30	27.54	80.6	5.49	4.6	SR13	9/8/2017 22:30	27.78	78.3	5.24	4.9
SR13	9/8/2017 4:35	27.68	71.5	4.97	6.6	SR13	9/8/2017 10:35	27.46	80.9	5.57	6.2	SR13	9/8/2017 16:35	27.56	81.4	5.55	6.0	SR13	9/8/2017 22:35	27.69	76.7	5.15	5.5
SR13	9/8/2017 4:40	27.63	70.0	4.84	6.4	SR13	9/8/2017 10:40	27.45	80.8	5.52	7.8	SR13	9/8/2017 16:40	27.55	79.0	5.39	6.1	SR13	9/8/2017 22:40	27.71	77.0	5.17	5.4
SR13	9/8/2017 4:45	27.61	69.0	4.76	5.7	SR13	9/8/2017 10:45	27.46	81.4	5.71	7.7	SR13	9/8/2017 16:45	27.55	80.0	5.45	5.8	SR13	9/8/2017 22:45	27.79	77.3	5.20	4.7
SR13	9/8/2017 4:50	27.60	70.4	4.88	7.0	SR13	9/8/2017 10:50	27.46	83.2	5.61	6.4	SR13	9/8/2017 16:50	27.55	77.7	5.29	5.8	SR13	9/8/2017 22:50	27.78	77.1	5.17	6.0
SR13	9/8/2017 4:55	27.59	69.6	4.82	5.9	SR13	9/8/2017 10:55	27.46	92.0	6.71	5.2	SR13	9/8/2017 16:55	27.54	76.4	5.19	5.0	SR13	9/8/2017 22:55	27.77	77.3	5.20	4.4
SR13	9/8/2017 5:00	27.61	69.5	4.80	6.4	SR13	9/8/2017 11:00	27.46	77.6	5.31	5.2	SR13	9/8/2017 17:00	27.52	80.4	5.47	6.2	SR13	9/8/2017 23:00	27.76	76.9	5.17	4.9
SR13	9/8/2017 5:05	27.62	69.0	4.77	6.4	SR13	9/8/2017 11:05	27.46	79.7	5.45	7.4	SR13	9/8/2017 17:05	27.52	79.1	5.32	4.8	SR13	9/8/2017 23:05	27.74	77.6	5.22	5.1
SR13	9/8/2017 5:10	27.60	68.7	4.74	5.5	SR13	9/8/2017 11:10	27.45	76.9	5.27	6.2	SR13	9/8/2017 17:10	27.50	80.2	5.46	6.4	SR13	9/8/2017 23:10	27.79	76.1	5.13	4.2
SR13	9/8/2017 5:15	27.60	69.4	4.80	7.0	SR13	9/8/2017 11:15	27.46	84.1	5.77	6.2	SR13	9/8/2017 17:15	27.51	83.4	5.70	5.2	SR13	9/8/2017 23:15	27.83	78.6	5.29	5.9
SR13	9/8/2017 5:20	27.59	69.2	4.79	7.7	SR13	9/8/2017 11:20	27.46	80.8	5.56	7.3	SR13	9/8/2017 17:20	27.52	87.6	6.09	5.6	SR13	9/8/2017 23:20	27.80	79.7	5.35	5.7
SR13	9/8/2017 5:25	27.59	69.3	4.80	6.4	SR13	9/8/2017 11:25	27.46	80.3	5.53	7.2	SR13	9/8/2017 17:25	27.52	79.9	5.42	5.6	SR13	9/8/2017 23:25	27.81	79.2	5.31	4.9
SR13	9/8/2017 5:30	27.56	69.5	4.81	11.3	SR13	9/8/2017 11:30	27.45	81.7	5.63	6.4	SR13	9/8/2017 17:30	27.57	79.6	5.41	6.6	SR13	9/8/2017 23:30	27.81	78.9	5.30	5.9
SR13	9/8/2017 5:35	27.54	69.4	4.80	7.1	SR13	9/8/2017 11:35	27.44	81.9	5.64	5.7	SR13	9/8/2017 17:35	27.55	77.4	5.24	5.6	SR13	9/8/2017 23:35	27.80	77.5	5.21	5.3
SR13	9/8/2017 5:40	27.57	70.2	4.85	6.8	SR13	9/8/2017 11:40	27.41	81.7	5.61	6.1	SR13	9/8/2017 17:40	27.60	84.1	5.69	6.0	SR13	9/8/2017 23:40	27.79	77.3	5.19	4.8
SR13	9/8/2017 5:45	27.58	70.5	4.87	5.7	SR13	9/8/2017 11:45	27.41	79.2	5.42	6.4	SR13	9/8/2017 17:45	27.60	79.0	5.35	5.5	SR13	9/8/2017 23:45	27.81	77.7	5.22	4.9
SR13	9/8/2017 5:50	27.57	70.6	4.88	6.4	SR13	9/8/2017 11:50	27.41	82.4	5.63	6.4	SR13	9/8/2017 17:50	27.67	78.1	5.28	6.1	SR13	9/8/2017 23:50	27.82	76.6	5.14	4.9
SR13	9/8/2017 5:55	27.57	70.8	4.89	6.4	SR13	9/8/2017 11:55	27.42	82.3	5.66	6.4	SR13	9/8/2017 17:55	27.70	84.2	5.68	6.0	SR13	9/8/2017 23:55	27.83	75.2	5.06	4.5

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	9/8/2017 0:17	0.11				SR12	9/8/2017 0:17	0.08			
SR4	9/8/2017 0:37	0.09				SR12	9/8/2017 0:37	0.08			
SR4	9/8/2017 0:57	0.08				SR12	9/8/2017 0:57	0.07			
SR4	9/8/2017 1:17	0.08				SR12	9/8/2017 1:17	0.08			
SR4	9/8/2017 1:37	0.09				SR12	9/8/2017 1:37	0.07			
SR4	9/8/2017 1:57	0.07				SR12	9/8/2017 1:57	0.08			
SR4	9/8/2017 2:17	0.07				SR12	9/8/2017 2:17	0.07			
SR4	9/8/2017 2:37	0.08				SR12	9/8/2017 2:37	0.07			
SR4	9/8/2017 2:57	0.08				SR12	9/8/2017 2:57	0.08			
SR4	9/8/2017 3:17	0.08				SR12	9/8/2017 3:17	0.07			
SR4	9/8/2017 3:37	0.09				SR12	9/8/2017 3:37	0.07			
SR4	9/8/2017 3:57	0.09				SR12	9/8/2017 3:57	0.07			
SR4	9/8/2017 4:17	0.09				SR12	9/8/2017 4:17	0.05			
SR4	9/8/2017 4:37	0.08				SR12	9/8/2017 4:37	0.06			
SR4	9/8/2017 4:57	0.08				SR12	9/8/2017 4:57	0.07			
SR4	9/8/2017 5:17	0.07				SR12	9/8/2017 5:17	0.07			
SR4	9/8/2017 5:37	0.07				SR12	9/8/2017 5:37	0.07			
SR4	9/8/2017 5:57	0.10				SR12	9/8/2017 5:57	0.08			
SR4						SR12					
SR4	9/8/2017 6:37	0.09				SR12	9/8/2017 6:37	0.12			
SR4	9/8/2017 6:57	0.10				SR12	9/8/2017 6:57	0.11			
SR4	9/8/2017 7:17	0.09				SR12	9/8/2017 7:17	0.10			
SR4	9/8/2017 7:37	0.09				SR12	9/8/2017 7:37	0.10			
SR4	9/8/2017 7:57	0.10				SR12	9/8/2017 7:57	0.09			
SR4	9/8/2017 8:17	0.08				SR12	9/8/2017 8:17	0.10			
SR4	9/8/2017 8:37	0.09				SR12	9/8/2017 8:37	0.10			
SR4	9/8/2017 8:57	0.08				SR12	9/8/2017 8:57	0.08			
SR4	9/8/2017 9:17	0.09				SR12	9/8/2017 9:17	0.08			
SR4	9/8/2017 9:37	0.08				SR12	9/8/2017 9:37	0.10			
SR4	9/8/2017 9:57	0.08				SR12					
SR4	9/8/2017 10:17	0.07				SR12					
SR4	9/8/2017 10:37	0.09				SR12					
SR4	9/8/2017 10:57	0.08				SR12					
SR4	9/8/2017 11:17	0.08				SR12					
SR4	9/8/2017 11:37	0.07				SR12	9/8/2017 11:37	0.06			
SR4	9/8/2017 11:57	0.08				SR12	9/8/2017 11:57	0.06			
SR4						SR12	9/8/2017 12:17	0.06			
SR4						SR12	9/8/2017 12:37	0.08			
SR4						SR12	9/8/2017 12:57	0.06			
SR4						SR12	9/8/2017 13:17	0.07			
SR4						SR12	9/8/2017 13:37	0.07			
SR4	9/8/2017 13:57	0.05				SR12	9/8/2017 13:57	0.06			
SR4	9/8/2017 14:17	0.06				SR12	9/8/2017 14:17	0.07			
SR4	9/8/2017 14:37	0.05				SR12	9/8/2017 14:37	0.06			
SR4	9/8/2017 14:57	0.06				SR12	9/8/2017 14:57	0.08			
SR4	9/8/2017 15:17	0.05				SR12	9/8/2017 15:17	0.07			
SR4	9/8/2017 15:37	0.06				SR12	9/8/2017 15:37	0.08			
SR4	9/8/2017 15:57	0.09				SR12	9/8/2017 15:57	0.05			
SR4	9/8/2017 16:17	0.05				SR12	9/8/2017 16:17	0.05			
SR4	9/8/2017 16:37	0.05				SR12	9/8/2017 16:37	0.06			
SR4	9/8/2017 16:57	0.06				SR12	9/8/2017 16:57	0.06			
SR4	9/8/2017 17:17	0.07				SR12	9/8/2017 17:17	0.10			
SR4	9/8/2017 17:37	0.06				SR12	9/8/2017 17:37	0.08			
SR4	9/8/2017 17:57	0.06				SR12	9/8/2017 17:57	0.09			
SR4	9/8/2017 18:17	0.05				SR12	9/8/2017 18:17	0.08			
SR4	9/8/2017 18:37	0.07				SR12	9/8/2017 18:37	0.07			
SR4	9/8/2017 18:57	0.05				SR12	9/8/2017 18:57	0.08			
SR4	9/8/2017 19:17	0.06				SR12	9/8/2017 19:17	0.07			
SR4	9/8/2017 19:37	0.07				SR12	9/8/2017 19:37	0.07			
SR4	9/8/2017 19:57	0.06				SR12	9/8/2017 19:57	0.08			
SR4	9/8/2017 20:17	0.05				SR12	9/8/2017 20:17	0.07			
SR4	9/8/2017 20:37	0.06				SR12	9/8/2017 20:37	0.09			
SR4	9/8/2017 20:57	0.05				SR12	9/8/2017 20:57	0.08			
SR4	9/8/2017 21:17	0.06				SR12	9/8/2017 21:17	0.08			
SR4	9/8/2017 21:37	0.05				SR12	9/8/2017 21:37	0.07			
SR4	9/8/2017 21:57	0.06				SR12	9/8/2017 21:57	0.08			
SR4	9/8/2017 22:17	0.05				SR12	9/8/2017 22:17	0.08			
SR4	9/8/2017 22:37	0.06				SR12	9/8/2017 22:37	0.08			
SR4	9/8/2017 22:57	0.05				SR12	9/8/2017 22:57	0.08			
SR4	9/8/2017 23:17	0.08				SR12	9/8/2017 23:17	0.09			
SR4	9/8/2017 23:37	0.07				SR12	9/8/2017 23:37	0.08			
SR4	9/8/2017 23:57	0.08				SR12	9/8/2017 23:57	0.09			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.
SR4 monitoring station was under maintenance during 12:16-13:21.
SR12 monitoring station was under maintenance during 9:56-11:11.

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR4	9/9/2017 0:01	28.09	77.8	4.94	3.9	SR4	9/9/2017 6:01	29.28	70.9	4.58	2.9	SR4	9/9/2017 12:01	29.76	79.6	5.06	5.6	SR4	9/9/2017 18:01	29.44	78.5	5.36	6.7
SR4	9/9/2017 0:06	28.07	77.8	4.95	2.2	SR4	9/9/2017 6:06	29.33	72.0	4.68	3.9	SR4	9/9/2017 12:06	30.31	79.9	5.16	5.4	SR4	9/9/2017 18:06	29.45	77.7	5.23	5.8
SR4	9/9/2017 0:11	28.03	77.5	4.93	2.8	SR4	9/9/2017 6:11	29.38	72.2	4.69	5.1	SR4	9/9/2017 12:11	30.24	80.0	5.09	4.7	SR4	9/9/2017 18:11	29.48	77.3	5.20	5.7
SR4	9/9/2017 0:16	28.02	77.6	4.94	5.3	SR4	9/9/2017 6:16	29.42	73.1	4.71	4.7	SR4	9/9/2017 12:16	30.10	80.7	5.20	5.4	SR4	9/9/2017 18:16	29.48	77.8	5.27	6.9
SR4	9/9/2017 0:21	28.02	78.3	4.99	5.0	SR4	9/9/2017 6:21	29.39	73.2	4.70	4.7	SR4	9/9/2017 12:21	29.97	79.5	5.09	4.8	SR4	9/9/2017 18:21	29.53	80.0	5.36	7.1
SR4	9/9/2017 0:26	28.01	78.2	4.98	3.5	SR4	9/9/2017 6:26	29.49	74.0	4.79	5.4	SR4	9/9/2017 12:26	29.96	79.6	5.13	4.1	SR4	9/9/2017 18:26	29.62	76.6	5.23	6.5
SR4	9/9/2017 0:31	28.02	102.4	8.20	2.3	SR4	9/9/2017 6:31	29.46	74.5	4.80	4.8	SR4	9/9/2017 12:31	30.00	79.9	5.13	4.5	SR4	9/9/2017 18:31	29.67	79.2	5.31	6.8
SR4	9/9/2017 0:36	28.02	80.4	5.13	3.4	SR4	9/9/2017 6:36	29.46	74.4	4.81	4.5	SR4	9/9/2017 12:36	29.97	79.9	5.16	5.7	SR4	9/9/2017 18:36	29.66	78.0	5.28	6.4
SR4	9/9/2017 0:41	28.01	57.4	3.67	4.1	SR4	9/9/2017 6:41	29.51	76.6	4.93	6.8	SR4	9/9/2017 12:41	29.92	79.7	5.10	4.0	SR4	9/9/2017 18:41	29.66	78.3	5.26	5.2
SR4	9/9/2017 0:46	28.00	105.0	6.71	4.7	SR4	9/9/2017 6:46	29.49	76.1	4.93	4.7	SR4	9/9/2017 12:46	29.92	79.9	5.19	3.9	SR4	9/9/2017 18:46	29.67	76.7	5.18	4.6
SR4	9/9/2017 0:51	28.01	98.0	6.26	4.2	SR4	9/9/2017 6:51	29.37	76.7	4.91	5.7	SR4	9/9/2017 12:51	29.91	80.4	5.18	6.0	SR4	9/9/2017 18:51	29.63	73.6	4.98	6.9
SR4	9/9/2017 0:56	28.02	72.7	4.64	4.2	SR4	9/9/2017 6:56	29.30	75.8	4.85	5.7	SR4	9/9/2017 12:56	29.90	80.8	5.26	3.9	SR4	9/9/2017 18:56	29.63	72.3	4.92	5.1
SR4	9/9/2017 1:01	28.03	106.5	7.52	4.2	SR4	9/9/2017 7:01	29.33	75.1	4.86	5.2	SR4	9/9/2017 13:01	29.86	79.6	5.18	5.3	SR4	9/9/2017 19:01	29.64	73.7	4.94	5.3
SR4	9/9/2017 1:06	28.02	100.3	7.73	4.9	SR4	9/9/2017 7:06	30.02	75.1	4.90	4.4	SR4	9/9/2017 13:06	29.79	79.6	5.18	5.7	SR4	9/9/2017 19:06	29.67	77.1	5.23	7.1
SR4	9/9/2017 1:11	28.02	73.1	4.66	4.2	SR4	9/9/2017 7:11	30.05	77.9	5.05	5.3	SR4	9/9/2017 13:11	29.77	79.9	5.13	4.3	SR4	9/9/2017 19:11	29.65	78.3	5.30	4.9
SR4	9/9/2017 1:16	28.00	84.6	5.47	3.4	SR4	9/9/2017 7:16	29.69	72.9	4.69	2.8	SR4	9/9/2017 13:16	29.72	79.9	5.23	5.4	SR4	9/9/2017 19:16	29.67	76.9	5.22	7.6
SR4	9/9/2017 1:21	28.01	78.5	5.00	3.2	SR4	9/9/2017 7:21	28.34	70.8	4.55	5.2	SR4	9/9/2017 13:21	29.77	79.7	5.13	3.4	SR4	9/9/2017 19:21	29.67	73.2	4.96	7.3
SR4	9/9/2017 1:26	27.99	84.2	5.44	4.6	SR4	9/9/2017 7:26	28.37	72.0	4.63	3.8	SR4	9/9/2017 13:26	29.85	80.0	5.20	3.9	SR4	9/9/2017 19:26	29.67	74.5	5.07	7.7
SR4	9/9/2017 1:31	28.00	80.5	5.18	4.9	SR4	9/9/2017 7:31	29.24	72.2	4.64	3.1	SR4	9/9/2017 13:31	29.87	80.5	5.19	3.3	SR4	9/9/2017 19:31	29.65	81.4	5.50	6.1
SR4	9/9/2017 1:36	28.02	81.9	5.27	4.6	SR4	9/9/2017 7:36	29.03	73.1	4.70	3.4	SR4	9/9/2017 13:36	29.80	79.5	5.10	6.1	SR4	9/9/2017 19:36	29.66	80.6	5.46	5.8
SR4	9/9/2017 1:41	28.02	82.3	5.31	4.2	SR4	9/9/2017 7:41	29.12	73.1	4.70	4.1	SR4	9/9/2017 13:41	29.80	80.6	5.10	4.7	SR4	9/9/2017 19:41	29.64	78.9	5.31	5.3
SR4	9/9/2017 1:46	28.01	81.6	5.27	5.0	SR4	9/9/2017 7:46	29.07	73.9	4.75	5.9	SR4	9/9/2017 13:46	29.76	79.7	5.06	4.6	SR4	9/9/2017 19:46	29.66	79.6	5.43	5.2
SR4	9/9/2017 1:51	27.99	80.4	5.19	4.1	SR4	9/9/2017 7:51	29.20	74.5	4.78	6.1	SR4	9/9/2017 13:51	29.71	80.0	5.08	4.9	SR4	9/9/2017 19:51	29.73	77.7	5.28	5.9
SR4	9/9/2017 1:56	28.00	74.5	4.77	2.4	SR4	9/9/2017 7:56	29.18	74.4	4.77	3.7	SR4	9/9/2017 13:56	29.72	79.6	5.06	6.1	SR4	9/9/2017 19:56	29.74	77.3	5.26	6.9
SR4	9/9/2017 2:01	27.99	72.8	4.75	3.5	SR4	9/9/2017 8:01	29.29	76.5	4.90	5.5	SR4	9/9/2017 14:01	29.73	79.8	5.07	4.9	SR4	9/9/2017 20:01	29.73	80.6	5.44	5.9
SR4	9/9/2017 2:06	28.01	71.9	4.65	5.5	SR4	9/9/2017 8:06	29.36	76.0	4.86	4.5	SR4	9/9/2017 14:06	29.68	80.0	5.08	5.6	SR4	9/9/2017 20:06	29.70	79.5	5.41	7.1
SR4	9/9/2017 2:11	28.05	72.4	4.65	4.3	SR4	9/9/2017 8:11	29.37	76.6	4.90	3.8	SR4	9/9/2017 14:11	29.71	80.7	5.11	5.2	SR4	9/9/2017 20:11	29.69	80.8	5.48	6.6
SR4	9/9/2017 2:16	28.06	75.3	4.82	4.7	SR4	9/9/2017 8:16	29.39	75.8	4.85	5.4	SR4	9/9/2017 14:16	29.69	81.2	5.32	6.3	SR4	9/9/2017 20:16	29.65	80.5	5.47	8.0
SR4	9/9/2017 2:21	28.07	76.2	4.88	3.2	SR4	9/9/2017 8:21	29.42	75.1	4.80	5.0	SR4	9/9/2017 14:21	29.70	81.4	5.47	5.9	SR4	9/9/2017 20:21	29.58	80.1	5.45	8.1
SR4	9/9/2017 2:26	28.08	76.2	4.88	5.2	SR4	9/9/2017 8:26	29.37	75.0	4.80	3.4	SR4	9/9/2017 14:26	29.74	81.7	5.49	6.5	SR4	9/9/2017 20:26	29.51	78.4	5.35	8.8
SR4	9/9/2017 2:31	28.10	78.9	5.03	3.6	SR4	9/9/2017 8:31	29.45	77.8	4.98	6.3	SR4	9/9/2017 14:31	29.72	83.2	5.58	4.6	SR4	9/9/2017 20:31	29.47	79.5	5.33	7.1
SR4	9/9/2017 2:36	28.11	81.6	5.33	4.5	SR4	9/9/2017 8:36	29.41	77.3	4.94	6.0	SR4	9/9/2017 14:36	29.74	82.4	5.51	4.5	SR4	9/9/2017 20:36	29.45	77.4	5.22	9.2
SR4	9/9/2017 2:41	28.13	81.4	5.20	3.8	SR4	9/9/2017 8:41	29.41	76.0	4.86	5.7	SR4	9/9/2017 14:41	29.70	82.2	5.54	5.3	SR4	9/9/2017 20:41	29.42	75.6	5.08	7.7
SR4	9/9/2017 2:46	28.14	82.4	5.33	4.8	SR4	9/9/2017 8:46	29.33	76.3	4.88	4.2	SR4	9/9/2017 14:46	29.75	82.2	5.50	5.8	SR4	9/9/2017 20:46	29.38	73.2	4.90	9.4
SR4	9/9/2017 2:51	28.15	72.3	4.73	4.3	SR4	9/9/2017 8:51	29.23	75.8	4.90	4.4	SR4	9/9/2017 14:51	29.80	83.7	5.61	6.1	SR4	9/9/2017 20:51	29.41	71.4	4.80	6.4
SR4	9/9/2017 2:56	28.16	73.1	4.65	4.0	SR4	9/9/2017 8:56	29.31	74.6	4.85	6.3	SR4	9/9/2017 14:56	29.79	81.6	5.50	5.9	SR4	9/9/2017 20:56	29.44	73.5	4.96	8.4
SR4	9/9/2017 3:01	28.16	84.6	5.38	3.9	SR4	9/9/2017 9:01	29.96	74.9	4.87	4.0	SR4	9/9/2017 15:01	29.84	78.9	5.31	4.8	SR4	9/9/2017 21:01	29.42	73.6	5.01	7.1
SR4	9/9/2017 3:06	28.17	78.4	5.00	4.0	SR4	9/9/2017 9:06	29.97	75.2	4.81	5.4	SR4	9/9/2017 15:06	29.84	85.0	5.72	6.0	SR4	9/9/2017 21:06	29.47	76.7	5.23	7.1
SR4	9/9/2017 3:11	28.18	84.2	5.37	3.8	SR4	9/9/2017 9:11	29.68	75.2	4.80	5.7	SR4	9/9/2017 15:11	29.87	84.6	5.65	5.2	SR4	9/9/2017 21:11	29.37	80.1	5.42	7.0
SR4	9/9/2017 3:16	28.19	80.5	5.14	5.8	SR4	9/9/2017 9:16	29.79	76.1	4.87	3.9	SR4	9/9/2017 15:16	29.83	86.1	5.84	4.9	SR4	9/9/2017 21:16	29.43	79.4	5.33	8.1
SR4	9/9/2017 3:21	28.19	81.8	5.22	6.1	SR4	9/9/2017 9:21	29.73	77.1	4.98	5.0	SR4	9/9/2017 15:21	29.83	86.8	5.79	5.4	SR4	9/9/2017 21:21	29.42	78.8	5.34	9.2
SR4	9/9/2017 3:26	28.20	82.3	5.26	6.3	SR4	9/9/2017 9:26	29.62	76.5	4.90	5.9	SR4	9/9/2017 15:26	29.71	84.9	5.68	6.0	SR4	9/9/2017 21:26	29.41	79.8	5.37	6.4
SR4	9/9/2017 3:31	28.20	81.5	5.21	5.4	SR4	9/9/2017 9:31	29.60	77.3	4.93	5.0	SR4	9/9/2017 15:31	29.71	85.2	5.71	5.3	SR4	9/9/2017 21:31	29.36	78.8	5.30	6.7
SR4	9/9/2017 3:36	28.21	80.3	5.13	4.1	SR4	9/9/2017 9:36	29.61	77.0	4.90	4.6	SR4	9/9/2017 15:36	29.69	84.8	5.74	6.6	SR4	9/9/2017 21:36	29.42	79.0	5.36	6.3
SR4	9/9/2017 3:41	28.22	74.4	4.76	3.7	SR4	9/9/2017 9:41	29.50	76.8	4.88	4.8	SR4	9/9/2017 15:41	29.70	84.0	5.71	5.8	SR4	9/9/2017 21:41	29.46	77.5	5.28	7.3
SR4	9/9/2017 3:46	28.22	72.8	4.65	3.4	SR4	9/9/2017 9:46	29.53	75.2	4.78	5.6	SR4	9/9/2017 15:46	29.90	85.6	5.80	5.8	SR4	9/9/2017 21:46	29.44	76.1	5.19	5.4
SR4	9/9/2017 3:51	28.22	71.8	4.58	6.2	SR4	9/9/2017 9:51	29.43	74.5	4.75	4.9	SR4	9/9/2017 15:51	29.97	83.8	5.64	5.8	SR4	9/9/2017 21:51	29.35	76.1	5.20	6.1
SR4	9/9/2017 3:56	28.22	72.3	4.62	3.8	SR4	9/9/2017 9:56	29.37	74.8	4.77	6.0	SR4	9/9/2017 15:56	29.96	82.8	5.62	4.5	SR4	9/9/2017 21:56	29.33	76.5	5.13	7.6
SR4	9/9/2017 4:01	28.24	75.2	4.80	4.9	SR4	9/9/2017 10:01	29.43	75.1	4.78	4.9	SR4	9/9/2017 16:01	30.00	83.8	5.64	6.6	SR4	9/9/2017 22:01	29.23	76.4	5.13	8.3
SR4	9/9/2017 4:06	28.25	76.1	4.86	5.2	SR4	9/9/2017 10:06	29.31	75.1	4.78	3.6	SR4	9/9/2017 16:06	29.97	84.5	5.71	5.0	SR4	9/9/2017 22:06	29.34	75.4	5.10	5.1
SR4	9/9/2017 4:11	28.26	75.4	4.87	4.9	SR4	9/9/2017 10:11	29.34	76.0	4.82	5.9	SR4	9/9/2017 16:11	29.92	83.6	5.68	4.9	SR4	9/9/2017 22:11	29.34	76.6	5.14	6.9
SR4	9/9/2017 4:16	28.27	74.7	4.85	5.3	SR4	9/9/2017 10:16	29.54	77.0	4.89	3.7	SR4	9/9/2017 16:16	29.92	82.3	5.56	6.7	SR4	9/9/2017 22:16	29.40	77.6	5.24	6.8
SR4	9/9/2017 4:21	28.29	73.3	4.76	3.6	SR4	9/9/2017 10:21	29.78	76.5	4.85	5.2	SR4	9/9/2017 16:21	29.91	81.1	5.52	5.9	SR4	9/9/2017 22:21	29.46	77.3	5.24	6.9
SR4	9/9/2017 4:26	28.29	71.9	4.66	3.0	SR4	9/9/2017 10:26	29.79	77.2	4.90	3.6	SR4	9/9/2017 16:26	29.84	81.0	5.43	5.7	SR4	9/9/2017 22:26	29.43	76.4	5.18	5.4
SR4	9/9/2017 4:31	28.27	73.4	4.69	4.8	SR4	9/9/2017 10:31	29.87	76.9	4.88	6.2	SR4	9/9/2017 16:31	29.74	79.2	5.36	5.8	SR4	9/9/2017 22:31	29.30	76.0	5.14	8.6
SR4	9/9/2017 4:36	28.26	76.7	4.94	3.5	SR4	9/9/2017 10:36	30.06	76.7	4.87	4.5	SR4	9/9/2017 16:36	29.77	78.6	5.35	7.3	SR4	9/9/2017 22:36	29.29	79.4	5.40	7.8
SR4	9/9/2017 4:41	28.25	77.1	5.03	4.6	SR4	9/9/2017 10:41	29.96	76.4	4.85	4.8	SR4	9/9/2017 16:41	29.78	79.6	5.35	5.8	SR4	9/9/2017 22:41	29.37	80.0	5.44	7.7
SR4	9/9/2017 4:46	28.29	79.1	5.15	3.5	SR4	9/9/2017 10:46	29.82	75.6	4.81	3.3	SR4	9/9/2017 16:46	29.80	80.3	5.40	5.5	SR4	9/9/2017 22:46	29.41	82.2	5.60	6.8
SR4	9/9/2017 4:51	28.28	77.0	5.00	5.8	SR4	9/9/2017 10:51	29.75	75.2	4.78	4.7	SR4	9/9/2017 16:51	29.82	81.7	5.54	6.9	SR4	9/9/2017 22:51	29.40	81.9	5.51	5.8
SR4	9/9/2017 4:56	28.28	74.7	4.86	6.0	SR4	9/9/2017 10:56	29.81	76.9	4.89	6.2	SR4	9/9/2017 16:56	29.79	81.2	5.47	5.7	SR4	9/9/2017 22:56	29.25	81.2	5.47	5.6
SR4	9/9/2017 5:01	28.27	73.3	4.73	4.9	SR4	9/9/2017 11:01	30.09	76.0	4.83	3.7	SR4	9/9/2017 17:01	29.77	80.4	5.43	6.2	SR4	9/9/2017 23:01	29.23	80.4	5.39	7.2
SR4	9/9/2017 5:06	28.26	71.9	4.69	4.0	SR4	9/9/2017 11:06	30.34	76.4	4.85	4.3	SR4	9/9/2017 17:06	29.78	77.5	5.18	6.0	SR4	9/9/2017 23:06	29.23	89.7	6.05	7.6
SR4	9/9/2017 5:11	28.22	73.4	4.74	3.6	SR4	9/9/2017 11:11	30.27	76.2	4.84	6.6	SR4	9/9/2017 17:11	29.73	80.7	5.39	5.1	SR4	9/9/2017 23:11	29.17	86.3	5.81	6.7
SR4	9/9/2017 5:16	28.19	74.8	4.79	3.0	SR4	9/9/2017 11:16	30.22	75.4	4.79	3.9	SR4	9/9/2017 17:16	29.77	79.1	5.36	5.5	SR4	9/9/2017 23:16	29.09	85.7	5.70	8.0
SR4	9/9/2017 5:21	28.20	74.7	4.79	6.2	SR4	9/9/2017 11:21	30.03	75.7	4.81	3.3	SR4	9/9/2017 17:21	29.70	80.3	5.42	6.0	SR4	9/9/2017 23:21	29.13	86.9	5.86	8.3
SR4	9/9/2017 5:26	28.28	73.3	4.69	3.5	SR4	9/9/2017 11:26	29.95	76.8	4.87	3.8	SR4	9/9/2017 17:26	29.65	79.1	5.36	5.8	SR4	9/9/2017 23:26	29.16	85.0	5.70	7.9
SR4	9/9/2017 5:31	28.26	71.9	4.59	4.9	SR4	9/9/2017 11:31	29.87	77.0	4.89	3.1	SR4	9/9/2017 17:31	29.63	79.2	5.40	6.8	SR4	9/9/2017 23:31	29.12	87.1	5.85	5.8
SR4	9/9/2017 5:36	28.17	73.3	4.69	4.4	SR4	9/9/2017 11:36	29.87	78.0	4.94	3.8	SR4	9/9/2017 17:36	29.62	79.2	5.31	7.0	SR4	9/9/2017 23:36	29.16	88.3	5.95	7.9
SR4	9/9/2017 5:41	29.09	76.6	4.91	6.5	SR4	9/9/2017 11:41	29.90	78.2	4.96	3.7	SR4	9/9/2017 17:41	29.63	80.1	5.38	5.8	SR4	9/9/2017 23:41	29.25	86.9	5.80	5.6
SR4	9/9/2017 5:46	29.18	77.1	4.94	4.3	SR4	9/9/2017 11:46	29.93	79.4	5.10	4.1	SR4	9/9/2017 17:46	29.62	79.2	5.29	7.7	SR4	9/9/2017 23:46	29.25	87.6	5.84	5.4
SR4	9/9/2017 5:51	29.17	79.1	5.07	4.0	SR4	9/9/2017 11:51	29.86	79.7	5.08	3.8	SR4	9/9/2017 17:51	29.52	81.0	5.50	6.4	SR4	9/9/2017 23:51	29.29	88.9	5.95	7.8
SR4	9/9/2017 5:56	29.27	76.1	4.97	4.2	SR4	9/9/2017 11:56	29.84	80.0	5.13	4.5	SR4	9/9/2017 17:56	29.42	80.1	5.43	7.0	SR4	9/9/2017 23:56	29.37	90.0	6.03	7.1

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR5	9/9/2017 0:00	28.47	80.5	5.80	8.1	SR5	9/9/2017 6:00	28.17	80.4	5.71	4.5	SR5	9/9/2017 12:00	28.38	81.4	5.70	1.9	SR5	9/9/2017 18:00	29.23	80.2	5.77	4.5
SR5	9/9/2017 0:05	28.44	80.8	5.81	7.6	SR5	9/9/2017 6:05	28.17	80.5	5.73	3.4	SR5	9/9/2017 12:05	28.27	81.2	5.72	2.2	SR5	9/9/2017 18:05	29.07	80.2	5.73	5.0
SR5	9/9/2017 0:10	28.43	80.4	5.78	7.9	SR5	9/9/2017 6:10	28.18	80.1	5.69	2.9	SR5	9/9/2017 12:10	28.24	81.0	5.67	2.4	SR5	9/9/2017 18:10	29.04	80.6	5.77	5.1
SR5	9/9/2017 0:15	28.53	81.2	5.87	9.0	SR5	9/9/2017 6:15	28.29	80.0	5.66	3.9	SR5	9/9/2017 12:15	28.35	81.3	5.71	2.6	SR5	9/9/2017 18:15	29.00	81.0	5.81	2.4
SR5	9/9/2017 0:20	28.51	81.3	5.82	6.5	SR5	9/9/2017 6:20	28.29	79.7	5.62	3.6	SR5	9/9/2017 12:20	28.27	80.5	5.64	2.0	SR5	9/9/2017 18:20	29.01	81.9	5.84	4.3
SR5	9/9/2017 0:25	28.50	81.0	5.88	7.7	SR5	9/9/2017 6:25	28.15	79.8	5.65	4.5	SR5	9/9/2017 12:25	28.34	80.4	5.64	2.6	SR5	9/9/2017 18:25	29.05	80.1	5.76	4.8
SR5	9/9/2017 0:30	28.44	93.9	7.46	9.1	SR5	9/9/2017 6:30	28.20	79.7	5.62	4.7	SR5	9/9/2017 12:30	28.29	80.6	5.65	2.5	SR5	9/9/2017 18:30	29.07	81.5	5.81	4.9
SR5	9/9/2017 0:35	28.59	83.5	6.02	8.1	SR5	9/9/2017 6:35	28.15	79.6	5.63	3.3	SR5	9/9/2017 12:35	28.38	80.8	5.68	2.3	SR5	9/9/2017 18:35	29.10	80.7	5.78	5.3
SR5	9/9/2017 0:40	28.39	71.9	5.33	9.1	SR5	9/9/2017 6:40	28.19	81.0	5.70	3.6	SR5	9/9/2017 12:40	28.27	80.7	5.65	3.1	SR5	9/9/2017 18:40	28.91	82.4	5.88	5.2
SR5	9/9/2017 0:45	28.53	95.8	6.78	6.7	SR5	9/9/2017 6:45	28.15	80.9	5.72	4.1	SR5	9/9/2017 12:45	28.31	80.7	5.69	2.8	SR5	9/9/2017 18:45	29.01	81.2	5.81	5.5
SR5	9/9/2017 0:50	28.49	92.5	6.43	8.9	SR5	9/9/2017 6:50	28.17	81.1	5.70	4.7	SR5	9/9/2017 12:50	28.23	81.0	5.69	2.3	SR5	9/9/2017 18:50	28.94	79.2	5.67	2.2
SR5	9/9/2017 0:55	28.57	79.7	5.61	7.0	SR5	9/9/2017 6:55	28.24	81.2	5.70	4.2	SR5	9/9/2017 12:55	28.34	81.2	5.73	2.5	SR5	9/9/2017 18:55	28.83	78.4	5.63	4.8
SR5	9/9/2017 1:00	28.49	96.7	7.06	7.0	SR5	9/9/2017 7:00	28.32	81.5	5.76	3.2	SR5	9/9/2017 13:00	28.29	80.6	5.69	2.1	SR5	9/9/2017 19:00	28.83	80.0	5.70	4.7
SR5	9/9/2017 1:05	28.39	93.6	7.17	6.7	SR5	9/9/2017 7:05	28.19	82.0	5.83	3.5	SR5	9/9/2017 13:05	28.42	80.5	5.68	2.2	SR5	9/9/2017 19:05	28.83	81.7	5.84	2.3
SR5	9/9/2017 1:10	28.55	79.6	5.60	6.5	SR5	9/9/2017 7:10	28.16	83.7	5.93	3.9	SR5	9/9/2017 13:10	28.25	80.3	5.63	3.4	SR5	9/9/2017 19:10	28.84	82.0	5.86	4.7
SR5	9/9/2017 1:15	28.39	84.9	5.97	7.5	SR5	9/9/2017 7:15	28.32	81.8	5.79	4.1	SR5	9/9/2017 13:15	28.42	80.0	5.65	2.4	SR5	9/9/2017 19:15	28.81	81.3	5.82	4.0
SR5	9/9/2017 1:20	28.50	81.5	5.71	8.4	SR5	9/9/2017 7:20	28.31	80.9	5.74	2.5	SR5	9/9/2017 13:20	28.26	79.7	5.59	3.1	SR5	9/9/2017 19:20	28.82	79.3	5.67	4.2
SR5	9/9/2017 1:25	28.54	84.3	5.92	6.6	SR5	9/9/2017 7:25	28.19	81.5	5.78	3.6	SR5	9/9/2017 13:25	28.26	79.6	5.60	3.8	SR5	9/9/2017 19:25	28.77	79.8	5.71	2.7
SR5	9/9/2017 1:30	28.57	82.5	5.80	9.0	SR5	9/9/2017 7:30	28.29	81.6	5.78	3.0	SR5	9/9/2017 13:30	28.34	79.9	5.60	3.6	SR5	9/9/2017 19:30	28.97	83.4	5.94	2.8
SR5	9/9/2017 1:35	28.56	83.6	5.88	6.5	SR5	9/9/2017 7:35	28.14	81.7	5.79	4.4	SR5	9/9/2017 13:35	28.19	79.2	5.55	3.2	SR5	9/9/2017 19:35	29.00	83.4	5.95	3.9
SR5	9/9/2017 1:40	28.56	83.8	5.89	8.4	SR5	9/9/2017 7:40	28.27	81.6	5.79	3.5	SR5	9/9/2017 13:40	28.39	79.5	5.53	3.3	SR5	9/9/2017 19:40	29.09	82.1	5.84	4.0
SR5	9/9/2017 1:45	28.54	83.7	5.90	6.5	SR5	9/9/2017 7:45	28.19	81.9	5.81	3.1	SR5	9/9/2017 13:45	28.39	78.9	5.49	4.1	SR5	9/9/2017 19:45	29.07	82.3	5.90	4.0
SR5	9/9/2017 1:50	28.38	83.8	5.92	7.5	SR5	9/9/2017 7:50	28.11	82.2	5.82	3.5	SR5	9/9/2017 13:50	28.25	78.9	5.49	4.2	SR5	9/9/2017 19:50	29.13	80.9	5.80	4.1
SR5	9/9/2017 1:55	28.52	80.9	5.71	7.8	SR5	9/9/2017 7:55	28.19	82.2	5.83	4.5	SR5	9/9/2017 13:55	28.34	78.7	5.48	4.3	SR5	9/9/2017 19:55	29.11	80.6	5.79	4.0
SR5	9/9/2017 2:00	28.49	80.0	5.71	8.5	SR5	9/9/2017 8:00	28.26	83.3	5.90	4.0	SR5	9/9/2017 14:00	28.64	78.7	5.48	4.5	SR5	9/9/2017 20:00	29.09	82.6	5.91	2.1
SR5	9/9/2017 2:05	28.39	79.8	5.67	7.3	SR5	9/9/2017 8:05	28.19	82.8	5.86	1.9	SR5	9/9/2017 14:05	28.65	78.8	5.49	4.4	SR5	9/9/2017 20:05	29.08	82.4	5.92	1.6
SR5	9/9/2017 2:10	28.46	80.2	5.69	7.1	SR5	9/9/2017 8:10	28.12	82.8	5.86	4.7	SR5	9/9/2017 14:10	28.82	79.0	5.49	4.9	SR5	9/9/2017 20:10	29.05	83.1	5.96	3.9
SR5	9/9/2017 2:15	28.51	81.7	5.78	6.7	SR5	9/9/2017 8:15	28.15	82.3	5.83	1.9	SR5	9/9/2017 14:15	28.85	79.2	5.58	3.8	SR5	9/9/2017 20:15	29.22	83.2	5.97	1.7
SR5	9/9/2017 2:20	28.53	81.9	5.79	8.3	SR5	9/9/2017 8:20	28.21	82.1	5.81	2.3	SR5	9/9/2017 14:20	28.80	79.1	5.64	4.7	SR5	9/9/2017 20:20	29.28	83.4	5.99	2.9
SR5	9/9/2017 2:25	28.33	82.0	5.80	8.9	SR5	9/9/2017 8:25	28.14	82.0	5.81	2.1	SR5	9/9/2017 14:25	29.02	79.0	5.63	3.5	SR5	9/9/2017 20:25	29.21	82.8	5.95	3.2
SR5	9/9/2017 2:30	28.34	83.1	5.86	7.4	SR5	9/9/2017 8:30	28.12	83.4	5.90	4.0	SR5	9/9/2017 14:30	28.89	79.5	5.65	3.5	SR5	9/9/2017 20:30	29.12	83.3	5.94	3.3
SR5	9/9/2017 2:35	28.32	84.5	6.01	7.2	SR5	9/9/2017 8:35	28.18	82.8	5.85	4.3	SR5	9/9/2017 14:35	28.92	78.8	5.59	4.0	SR5	9/9/2017 20:35	29.19	81.9	5.85	4.0
SR5	9/9/2017 2:40	28.35	84.0	5.91	8.3	SR5	9/9/2017 8:40	28.11	81.8	5.79	3.4	SR5	9/9/2017 14:40	29.04	78.4	5.58	4.2	SR5	9/9/2017 20:40	29.05	81.9	5.85	3.9
SR5	9/9/2017 2:45	28.33	84.5	5.98	8.2	SR5	9/9/2017 8:45	28.13	81.6	5.77	2.8	SR5	9/9/2017 14:45	29.14	78.2	5.55	4.3	SR5	9/9/2017 20:45	29.06	81.1	5.78	3.9
SR5	9/9/2017 2:50	28.37	78.7	5.62	7.7	SR5	9/9/2017 8:50	28.13	81.0	5.76	3.3	SR5	9/9/2017 14:50	28.81	80.0	5.68	4.6	SR5	9/9/2017 20:50	29.10	80.1	5.73	3.8
SR5	9/9/2017 2:55	28.38	79.1	5.58	8.7	SR5	9/9/2017 8:55	28.09	80.3	5.73	2.9	SR5	9/9/2017 14:55	28.99	78.9	5.63	3.7	SR5	9/9/2017 20:55	29.12	81.3	5.81	4.2
SR5	9/9/2017 3:00	28.52	84.9	5.95	6.6	SR5	9/9/2017 9:00	28.06	80.4	5.74	2.3	SR5	9/9/2017 15:00	28.92	77.7	5.54	3.5	SR5	9/9/2017 21:00	29.11	81.3	5.84	2.0
SR5	9/9/2017 3:05	28.53	81.8	5.75	7.5	SR5	9/9/2017 9:05	28.15	80.3	5.69	9.1	SR5	9/9/2017 15:05	28.99	80.6	5.74	4.9	SR5	9/9/2017 21:05	29.08	82.6	5.93	3.7
SR5	9/9/2017 3:10	28.34	84.1	5.89	6.7	SR5	9/9/2017 9:10	28.07	80.2	5.67	4.7	SR5	9/9/2017 15:10	29.11	80.4	5.70	4.1	SR5	9/9/2017 21:10	29.01	84.1	6.01	3.8
SR5	9/9/2017 3:15	28.33	82.2	5.77	6.9	SR5	9/9/2017 9:15	28.06	80.5	5.70	4.7	SR5	9/9/2017 15:15	29.08	81.2	5.81	3.7	SR5	9/9/2017 21:15	28.99	84.1	5.98	3.7
SR5	9/9/2017 3:20	28.44	83.2	5.83	8.3	SR5	9/9/2017 9:20	28.14	80.8	5.74	2.8	SR5	9/9/2017 15:20	29.13	81.6	5.78	3.5	SR5	9/9/2017 21:20	29.21	83.8	5.99	2.1
SR5	9/9/2017 3:25	28.31	83.5	5.86	8.9	SR5	9/9/2017 9:25	28.10	80.4	5.69	3.2	SR5	9/9/2017 15:25	29.61	80.4	5.71	2.9	SR5	9/9/2017 21:25	29.19	83.7	5.97	2.0
SR5	9/9/2017 3:30	28.31	83.2	5.84	8.3	SR5	9/9/2017 9:30	28.16	80.8	5.71	4.8	SR5	9/9/2017 15:30	29.69	80.3	5.70	4.0	SR5	9/9/2017 21:30	29.23	82.3	5.87	2.4
SR5	9/9/2017 3:35	28.44	82.8	5.82	8.5	SR5	9/9/2017 9:35	28.04	80.6	5.69	3.5	SR5	9/9/2017 15:35	29.62	79.9	5.71	3.0	SR5	9/9/2017 21:35	29.15	82.0	5.87	4.0
SR5	9/9/2017 3:40	28.34	79.5	5.60	8.3	SR5	9/9/2017 9:40	28.18	80.3	5.65	3.8	SR5	9/9/2017 15:40	28.83	79.2	5.67	3.1	SR5	9/9/2017 21:40	28.98	81.2	5.82	4.1
SR5	9/9/2017 3:45	28.34	78.7	5.54	7.7	SR5	9/9/2017 9:45	28.08	79.3	5.59	4.8	SR5	9/9/2017 15:45	28.99	80.2	5.72	4.5	SR5	9/9/2017 21:45	29.04	80.8	5.80	4.1
SR5	9/9/2017 3:50	28.31	78.0	5.50	7.0	SR5	9/9/2017 9:50	28.07	78.9	5.57	2.0	SR5	9/9/2017 15:50	29.33	79.8	5.68	4.6	SR5	9/9/2017 21:50	29.05	81.0	5.82	4.0
SR5	9/9/2017 3:55	28.43	78.1	5.50	8.8	SR5	9/9/2017 9:55	28.10	78.8	5.56	2.1	SR5	9/9/2017 15:55	29.08	79.5	5.69	4.1	SR5	9/9/2017 21:55	29.16	81.2	5.79	2.2
SR5	9/9/2017 4:00	28.28	79.5	5.58	7.9	SR5	9/9/2017 10:00	28.12	78.7	5.54	2.5	SR5	9/9/2017 16:00	29.22	80.4	5.73	4.3	SR5	9/9/2017 22:00	29.08	81.0	5.79	4.1
SR5	9/9/2017 4:05	28.34	79.8	5.60	6.7	SR5	9/9/2017 10:05	28.13	78.4	5.52	2.8	SR5	9/9/2017 16:05	29.33	80.9	5.77	3.3	SR5	9/9/2017 22:05	29.13	80.2	5.75	4.0
SR5	9/9/2017 4:10	28.37	79.3	5.58	6.7	SR5	9/9/2017 10:10	28.13	78.8	5.53	3.3	SR5	9/9/2017 16:10	29.29	80.4	5.75	3.8	SR5	9/9/2017 22:10	29.01	80.3	5.73	4.2
SR5	9/9/2017 4:15	28.48	78.9	5.57	8.1	SR5	9/9/2017 10:15	28.19	79.4	5.57	3.4	SR5	9/9/2017 16:15	29.37	79.7	5.69	3.2	SR5	9/9/2017 22:15	28.92	80.4	5.76	3.7
SR5	9/9/2017 4:20	28.39	78.2	5.52	7.2	SR5	9/9/2017 10:20	28.18	79.1	5.55	2.3	SR5	9/9/2017 16:20	29.30	79.1	5.67	5.0	SR5	9/9/2017 22:20	28.94	80.4	5.78	3.8
SR5	9/9/2017 4:25	28.30	77.3	5.45	7.0	SR5	9/9/2017 10:25	28.14	79.8	5.61	2.2	SR5	9/9/2017 16:25	29.40	79.1	5.62	3.6	SR5	9/9/2017 22:25	29.03	79.9	5.75	3.8
SR5	9/9/2017 4:30	28.28	77.6	5.43	6.8	SR5	9/9/2017 10:30	28.10	80.3	5.65	2.0	SR5	9/9/2017 16:30	29.55	77.9	5.57	5.1	SR5	9/9/2017 22:30	28.99	79.9	5.73	1.1
SR5	9/9/2017 4:35	28.22	78.8	5.51	5.1	SR5	9/9/2017 10:35	28.21	80.6	5.67	2.4	SR5	9/9/2017 16:35	29.51	77.2	5.53	2.9	SR5	9/9/2017 22:35	28.93	81.5	5.86	1.5
SR5	9/9/2017 4:40	28.31	78.4	5.51	4.5	SR5	9/9/2017 10:40	28.04	80.6	5.67	3.5	SR5	9/9/2017 16:40	29.56	77.5	5.52	1.5	SR5	9/9/2017 22:40	28.93	81.7	5.86	2.8
SR5	9/9/2017 4:45	28.39	79.4	5.57	3.6	SR5	9/9/2017 10:45	28.11	80.2	5.65	2.4	SR5	9/9/2017 16:45	29.54	77.7	5.51	1.9	SR5	9/9/2017 22:45	29.04	82.6	5.93	4.1
SR5	9/9/2017 4:50	28.29	78.0	5.48	3.8	SR5	9/9/2017 10:50	28.23	79.8	5.61	3.4	SR5	9/9/2017 16:50	29.60	77.7	5.53	4.7	SR5	9/9/2017 22:50	28.94	82.0	5.85	4.0
SR5	9/9/2017 4:55	28.31	76.7	5.38	4.8	SR5	9/9/2017 10:55	28.15	80.3	5.65	2.8	SR5	9/9/2017 16:55	29.52	77.6	5.51	5.3	SR5	9/9/2017 22:55	29.05	81.4	5.82	4.3
SR5	9/9/2017 5:00	28.33	76.2	5.34	4.1	SR5	9/9/2017 11:00	28.14	79.5	5.58	3.4	SR5	9/9/2017 17:00	29.09	78.6	5.60	6.3	SR5	9/9/2017 23:00	29.00	80.7	5.75	4.1
SR5	9/9/2017 5:05	28.22	75.8	5.34	2.7	SR5	9/9/2017 11:05	28.13	79.4	5.56	2.2	SR5	9/9/2017 17:05	29.20	77.9	5.53	4.6	SR5	9/9/2017 23:05	29.08	85.2	6.06	2.7
SR5	9/9/2017 5:10	28.29	76.9	5.39	4.5	SR5	9/9/2017 11:10	28.26	79.1	5.54	2.8	SR5	9/9/2017 17:10	29.27	80.6	5.73	5.4	SR5	9/9/2017 23:10	29.00	83.1	5.91	2.6
SR5	9/9/2017 5:15	28.28	77.7	5.43	4.5	SR5	9/9/2017 11:15	28.26	78.7	5.52	2.1	SR5	9/9/2017 17:15	29.01	80.0	5.73	6.1	SR5	9/9/2017 23:15	29.01	82.3	5.82	4.0
SR5	9/9/2017 5:20	28.33	77.9	5.46	3.1	SR5	9/9/2017 11:20	28.30	78.8	5.53	3.0	SR5	9/9/2017 17:20	29.12	80.9	5.78	1.6	SR5	9/9/2017 23:20	28.96	82.1	5.84	3.9
SR5	9/9/2017 5:25	28.28	77.5	5.43	3.8	SR5	9/9/2017 11:25	28.26	80.2	5.62	3.0	SR5	9/9/2017 17:25	29.22	80.6	5.77	3.3	SR5	9/9/2017 23:25	28.93	80.7	5.73	4.2
SR5	9/9/2017 5:30	28.37	76.9	5.39	2.8	SR5	9/9/2017 11:30	28.19	80.6	5.66	2.5	SR5	9/9/2017 17:30	29.23	80.5	5.79	4.1	SR5	9/9/2017 23:30	29.00	81.4	5.78	1.8
SR5	9/9/2017 5:35	28.24	78.2	5.48	4.4	SR5	9/9/2017 11:35	28.16	81.0	5.68	2.1	SR5	9/9/2017 17:35	29.23	80.5	5.74	4.5	SR5	9/9/2017 23:35	28.86	81.5	5.79	3.9
SR5	9/9/2017 5:40	28.25	80.4	5.64	4.4	SR5	9/9/2017 11:40	28.21	81.2	5.69	3.4	SR5	9/9/2017 17:40	29.22	81.0	5.78	1.9	SR5	9/9/2017 23:40	29.01	80.3	5.67	4.0
SR5	9/9/2017 5:45	28.37	81.2	5.70	3.2	SR5	9/9/2017 11:45	28.26	81.6	5.74	3.0	SR5	9/9/2017 17:45	29.24	80.5	5.73	1.9	SR5	9/9/2017 23:45	29.02	80.1	5.66	3.9
SR5	9/9/2017 5:50	28.27	82.8	5.82	3.9	SR5	9/9/2017 11:50	28.28	81.7	5.73	2.0	SR5	9/9/2017 17:50	29.19	81.8	5.87	1.7	SR5	9/9/2017 23:50	28.93	81.1	5.73	3.8
SR5	9/9/2017 5:55	28.33	82.5	5.86	3.1	SR5	9/9/2017 11:55	28.32	81.8	5.74	1.9	SR5	9/9/2017 17:55	29.35	81.2	5.82	4.7	SR5	9/9/2017 23:55	28.88	82.4	5.82	2.2

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR12	9/9/2017 0:01	28.36	79.3	5.68	7.2	SR12	9/9/2017 6:01	28.05	94.3	6.97	6.4	SR12	9/9/2017 12:01	27.95	87.6	6.33	6.6	SR12	9/9/2017 18:01	28.22	79.0	5.84	7.7
SR12	9/9/2017 0:06	28.21	78.3	5.61	7.8	SR12	9/9/2017 6:06	27.91	97.4	7.22	6.0	SR12	9/9/2017 12:06	28.06	87.3	6.34	8.2	SR12	9/9/2017 18:06	28.42	79.4	5.84	9.0
SR12	9/9/2017 0:11	28.32	78.4	5.62	7.6	SR12	9/9/2017 6:11	27.94	78.3	5.70	6.1	SR12	9/9/2017 12:11	27.94	87.6	6.33	8.2	SR12	9/9/2017 18:11	28.35	79.1	5.81	8.7
SR12	9/9/2017 0:16	28.36	77.3	5.53	7.2	SR12	9/9/2017 6:16	27.97	79.1	5.74	7.5	SR12	9/9/2017 12:16	28.06	86.0	6.23	7.6	SR12	9/9/2017 18:16	28.36	80.1	5.91	7.4
SR12	9/9/2017 0:21	28.36	76.6	5.47	6.7	SR12	9/9/2017 6:21	28.00	80.0	5.80	7.4	SR12	9/9/2017 12:21	27.99	85.9	6.22	8.4	SR12	9/9/2017 18:21	28.42	80.0	5.86	8.0
SR12	9/9/2017 0:26	28.29	76.8	5.49	7.8	SR12	9/9/2017 6:26	28.02	79.4	5.76	8.0	SR12	9/9/2017 12:26	27.93	85.4	6.19	8.5	SR12	9/9/2017 18:26	28.49	78.1	5.78	8.5
SR12	9/9/2017 0:31	28.31	87.4	6.98	6.5	SR12	9/9/2017 6:31	27.98	79.8	5.78	7.4	SR12	9/9/2017 12:31	28.04	86.1	6.23	6.7	SR12	9/9/2017 18:31	28.46	79.9	5.86	7.6
SR12	9/9/2017 0:36	28.17	75.8	5.39	7.9	SR12	9/9/2017 6:36	28.11	79.1	5.74	6.6	SR12	9/9/2017 12:36	28.02	87.1	6.33	7.3	SR12	9/9/2017 18:36	28.45	78.5	5.78	9.2
SR12	9/9/2017 0:41	28.26	65.1	4.73	7.9	SR12	9/9/2017 6:41	28.03	81.5	5.90	6.9	SR12	9/9/2017 12:41	27.96	87.6	6.35	7.2	SR12	9/9/2017 18:41	28.39	77.7	5.70	8.1
SR12	9/9/2017 0:46	28.29	89.8	6.32	6.2	SR12	9/9/2017 6:46	27.93	81.7	5.94	7.5	SR12	9/9/2017 12:46	28.12	87.3	6.36	7.5	SR12	9/9/2017 18:46	28.38	77.2	5.68	7.6
SR12	9/9/2017 0:51	28.25	85.7	6.05	7.9	SR12	9/9/2017 6:51	28.04	82.2	5.94	5.6	SR12	9/9/2017 12:51	28.12	86.5	6.27	7.1	SR12	9/9/2017 18:51	28.41	75.4	5.56	7.9
SR12	9/9/2017 0:56	28.30	72.7	5.21	5.9	SR12	9/9/2017 6:56	27.94	81.4	5.88	6.4	SR12	9/9/2017 12:56	28.01	85.5	6.21	9.1	SR12	9/9/2017 18:56	28.49	74.9	5.54	8.9
SR12	9/9/2017 1:01	28.32	91.0	6.76	7.4	SR12	9/9/2017 7:01	27.96	81.2	5.90	5.8	SR12	9/9/2017 13:01	28.08	84.4	6.13	9.0	SR12	9/9/2017 19:01	28.35	75.8	5.57	8.7
SR12	9/9/2017 1:06	28.27	85.9	6.71	6.3	SR12	9/9/2017 7:06	27.98	80.6	5.87	7.3	SR12	9/9/2017 13:06	28.07	84.5	6.15	6.9	SR12	9/9/2017 19:06	28.37	77.7	5.73	8.9
SR12	9/9/2017 1:11	28.17	71.9	5.14	7.9	SR12	9/9/2017 7:11	28.03	81.2	5.88	7.6	SR12	9/9/2017 13:11	28.01	83.9	6.06	9.3	SR12	9/9/2017 19:11	28.35	78.6	5.78	7.0
SR12	9/9/2017 1:16	28.31	78.4	5.60	7.9	SR12	9/9/2017 7:16	28.04	80.9	5.88	7.0	SR12	9/9/2017 13:16	27.99	84.8	6.18	8.5	SR12	9/9/2017 19:16	28.45	77.5	5.71	8.2
SR12	9/9/2017 1:21	28.15	75.6	5.39	8.2	SR12	9/9/2017 7:21	27.91	80.5	5.86	7.3	SR12	9/9/2017 13:21	27.94	85.4	6.19	8.1	SR12	9/9/2017 19:21	28.42	75.3	5.56	6.6
SR12	9/9/2017 1:26	28.28	79.6	5.70	6.9	SR12	9/9/2017 7:26	28.06	83.1	6.06	5.4	SR12	9/9/2017 13:26	28.13	84.5	6.14	6.6	SR12	9/9/2017 19:26	28.36	75.7	5.59	8.5
SR12	9/9/2017 1:31	28.24	77.8	5.57	7.7	SR12	9/9/2017 7:31	27.98	82.3	5.99	6.5	SR12	9/9/2017 13:31	27.99	85.9	6.22	7.1	SR12	9/9/2017 19:31	28.41	79.1	5.80	6.8
SR12	9/9/2017 1:36	28.28	78.8	5.64	7.1	SR12	9/9/2017 7:36	27.98	82.9	6.04	8.0	SR12	9/9/2017 13:36	28.06	84.9	6.14	7.4	SR12	9/9/2017 19:36	28.34	78.6	5.78	7.3
SR12	9/9/2017 1:41	28.17	77.8	5.57	8.0	SR12	9/9/2017 7:41	27.95	83.5	6.08	5.8	SR12	9/9/2017 13:41	27.98	83.8	6.01	7.5	SR12	9/9/2017 19:41	28.51	78.5	5.76	8.3
SR12	9/9/2017 1:46	28.16	77.6	5.56	7.7	SR12	9/9/2017 7:46	28.11	83.1	6.04	6.7	SR12	9/9/2017 13:46	28.04	81.6	5.85	8.3	SR12	9/9/2017 19:46	28.53	79.3	5.85	8.7
SR12	9/9/2017 1:51	28.19	77.3	5.55	7.7	SR12	9/9/2017 7:51	28.02	84.6	6.15	7.5	SR12	9/9/2017 13:51	27.99	81.4	5.83	7.0	SR12	9/9/2017 19:51	28.42	78.5	5.79	6.8
SR12	9/9/2017 1:56	28.19	74.5	5.35	6.3	SR12	9/9/2017 7:56	27.99	81.8	5.93	8.1	SR12	9/9/2017 13:56	28.00	82.1	5.89	7.2	SR12	9/9/2017 19:56	28.38	78.2	5.77	7.4
SR12	9/9/2017 2:01	28.26	73.9	5.36	7.4	SR12	9/9/2017 8:01	27.98	79.9	5.76	8.2	SR12	9/9/2017 14:01	28.06	83.1	5.97	7.0	SR12	9/9/2017 20:01	28.32	80.1	5.88	9.0
SR12	9/9/2017 2:06	28.23	73.4	5.30	7.8	SR12	9/9/2017 8:06	28.01	79.4	5.72	6.2	SR12	9/9/2017 14:06	28.15	83.9	6.03	8.6	SR12	9/9/2017 20:06	28.31	79.8	5.89	9.3
SR12	9/9/2017 2:11	28.29	75.0	5.41	6.5	SR12	9/9/2017 8:11	28.08	81.0	5.85	5.5	SR12	9/9/2017 14:11	28.10	80.8	5.77	7.1	SR12	9/9/2017 20:11	28.43	79.6	5.86	6.6
SR12	9/9/2017 2:16	28.18	74.5	5.34	5.4	SR12	9/9/2017 8:16	27.94	79.3	5.71	7.4	SR12	9/9/2017 14:16	28.12	85.3	6.22	8.7	SR12	9/9/2017 20:16	28.45	79.8	5.88	7.7
SR12	9/9/2017 2:21	28.21	74.0	5.30	6.2	SR12	9/9/2017 8:21	27.89	79.1	5.70	7.2	SR12	9/9/2017 14:21	28.07	81.9	6.01	7.5	SR12	9/9/2017 20:21	28.35	79.0	5.82	8.1
SR12	9/9/2017 2:26	28.31	74.7	5.35	5.5	SR12	9/9/2017 8:26	28.02	80.2	5.80	7.7	SR12	9/9/2017 14:26	27.96	82.8	6.08	9.1	SR12	9/9/2017 20:26	28.46	78.3	5.79	7.4
SR12	9/9/2017 2:31	28.26	76.4	5.45	6.4	SR12	9/9/2017 8:31	27.96	80.9	5.83	7.1	SR12	9/9/2017 14:31	27.99	83.6	6.13	7.7	SR12	9/9/2017 20:31	28.38	78.6	5.76	8.8
SR12	9/9/2017 2:36	28.21	78.3	5.64	5.6	SR12	9/9/2017 8:36	27.96	81.3	5.86	6.1	SR12	9/9/2017 14:36	27.91	82.4	6.03	8.4	SR12	9/9/2017 20:36	28.34	77.0	5.65	7.1
SR12	9/9/2017 2:41	28.10	78.6	5.61	7.3	SR12	9/9/2017 8:41	27.98	80.4	5.80	6.1	SR12	9/9/2017 14:41	27.96	82.3	6.05	7.8	SR12	9/9/2017 20:41	28.37	75.9	5.57	8.4
SR12	9/9/2017 2:46	28.12	79.3	5.70	6.0	SR12	9/9/2017 8:46	28.05	81.9	5.92	5.9	SR12	9/9/2017 14:46	28.07	81.4	5.96	8.4	SR12	9/9/2017 20:46	28.36	74.7	5.48	8.7
SR12	9/9/2017 2:51	28.10	73.6	5.34	6.2	SR12	9/9/2017 8:51	27.95	82.0	5.95	6.7	SR12	9/9/2017 14:51	27.86	82.8	6.06	8.9	SR12	9/9/2017 20:51	28.41	75.2	5.54	7.3
SR12	9/9/2017 2:56	28.06	74.1	5.31	8.1	SR12	9/9/2017 8:56	27.89	82.1	5.99	6.1	SR12	9/9/2017 14:56	28.08	82.5	6.06	7.8	SR12	9/9/2017 20:56	28.42	75.7	5.58	8.7
SR12	9/9/2017 3:01	28.05	79.8	5.67	6.2	SR12	9/9/2017 9:01	28.03	82.8	6.04	6.1	SR12	9/9/2017 15:01	28.02	80.7	5.93	7.6	SR12	9/9/2017 21:01	28.39	76.5	5.66	7.2
SR12	9/9/2017 3:06	28.07	74.8	5.33	6.4	SR12	9/9/2017 9:06	27.98	83.0	6.01	6.0	SR12	9/9/2017 15:06	28.08	81.9	5.99	9.2	SR12	9/9/2017 21:06	28.29	78.4	5.80	7.2
SR12	9/9/2017 3:11	28.10	79.0	5.62	8.2	SR12	9/9/2017 9:11	27.90	83.0	6.01	7.9	SR12	9/9/2017 15:11	27.94	80.9	5.90	7.1	SR12	9/9/2017 21:11	28.31	79.6	5.85	7.6
SR12	9/9/2017 3:16	28.24	77.2	5.51	5.8	SR12	9/9/2017 9:16	27.88	84.2	6.10	6.4	SR12	9/9/2017 15:16	28.06	82.3	6.04	8.0	SR12	9/9/2017 21:16	28.26	78.6	5.76	7.9
SR12	9/9/2017 3:21	28.09	78.5	5.60	6.4	SR12	9/9/2017 9:21	27.93	85.8	6.25	6.8	SR12	9/9/2017 15:21	28.08	82.4	6.00	8.7	SR12	9/9/2017 21:21	28.24	78.9	5.81	8.7
SR12	9/9/2017 3:26	28.05	79.3	5.66	8.0	SR12	9/9/2017 9:26	28.06	83.3	6.03	7.0	SR12	9/9/2017 15:26	28.01	81.7	5.96	7.5	SR12	9/9/2017 21:26	28.28	77.5	5.67	9.0
SR12	9/9/2017 3:31	28.08	79.1	5.65	5.9	SR12	9/9/2017 9:31	28.04	84.1	6.08	5.4	SR12	9/9/2017 15:31	28.00	83.8	6.13	7.3	SR12	9/9/2017 21:31	28.34	75.6	5.53	8.8
SR12	9/9/2017 3:36	28.03	78.5	5.61	5.9	SR12	9/9/2017 9:36	27.91	85.4	6.18	5.7	SR12	9/9/2017 15:36	28.03	84.9	6.25	8.1	SR12	9/9/2017 21:36	28.40	77.1	5.67	8.0
SR12	9/9/2017 3:41	28.09	75.8	5.45	7.1	SR12	9/9/2017 9:41	27.91	86.3	6.25	8.0	SR12	9/9/2017 15:41	28.17	83.2	6.13	9.1	SR12	9/9/2017 21:41	28.28	76.1	5.61	8.8
SR12	9/9/2017 3:46	28.09	74.9	5.38	5.6	SR12	9/9/2017 9:46	28.04	89.1	6.49	7.3	SR12	9/9/2017 15:46	28.28	85.0	6.25	8.1	SR12	9/9/2017 21:46	28.26	74.6	5.50	7.5
SR12	9/9/2017 3:51	28.16	74.4	5.35	6.8	SR12	9/9/2017 9:51	27.95	90.7	6.63	7.0	SR12	9/9/2017 15:51	28.18	85.8	6.31	7.9	SR12	9/9/2017 21:51	28.29	75.9	5.61	7.5
SR12	9/9/2017 3:56	27.99	75.0	5.40	5.6	SR12	9/9/2017 9:56	28.02	88.4	6.44	7.0	SR12	9/9/2017 15:56	28.21	85.3	6.30	6.9	SR12	9/9/2017 21:56	28.36	77.1	5.66	8.8
SR12	9/9/2017 4:01	28.16	77.3	5.56	7.5	SR12	9/9/2017 10:01	28.00	87.9	6.39	7.7	SR12	9/9/2017 16:01	28.39	84.6	6.22	9.2	SR12	9/9/2017 22:01	28.22	77.6	5.70	9.0
SR12	9/9/2017 4:06	28.15	77.5	5.57	6.5	SR12	9/9/2017 10:06	28.00	88.5	6.44	8.2	SR12	9/9/2017 16:06	28.31	84.4	6.21	7.8	SR12	9/9/2017 22:06	28.25	76.4	5.63	7.3
SR12	9/9/2017 4:11	28.13	75.7	5.46	6.5	SR12	9/9/2017 10:11	27.86	87.1	6.31	6.1	SR12	9/9/2017 16:11	28.51	82.1	6.05	7.6	SR12	9/9/2017 22:11	28.26	76.9	5.64	8.2
SR12	9/9/2017 4:16	28.00	75.5	5.46	6.5	SR12	9/9/2017 10:16	27.99	83.8	6.05	7.9	SR12	9/9/2017 16:16	28.43	81.5	5.99	8.9	SR12	9/9/2017 22:16	28.12	77.8	5.72	8.0
SR12	9/9/2017 4:21	28.01	74.5	5.39	5.7	SR12	9/9/2017 10:21	27.97	78.0	5.58	7.1	SR12	9/9/2017 16:21	28.23	81.0	5.97	7.5	SR12	9/9/2017 22:21	28.15	77.5	5.71	9.3
SR12	9/9/2017 4:26	28.14	74.3	5.38	7.7	SR12	9/9/2017 10:26	27.90	78.6	5.63	5.7	SR12	9/9/2017 16:26	28.25	80.0	5.85	6.8	SR12	9/9/2017 22:26	28.26	75.8	5.58	8.8
SR12	9/9/2017 4:31	28.02	75.8	5.46	7.5	SR12	9/9/2017 10:31	28.00	76.3	5.45	6.4	SR12	9/9/2017 16:31	28.28	79.4	5.85	8.9	SR12	9/9/2017 22:31	28.27	75.7	5.57	6.8
SR12	9/9/2017 4:36	28.00	77.4	5.57	5.6	SR12	9/9/2017 10:36	27.98	78.9	5.66	5.9	SR12	9/9/2017 16:36	28.31	79.5	5.87	9.1	SR12	9/9/2017 22:36	28.31	76.4	5.62	7.4
SR12	9/9/2017 4:41	27.99	78.1	5.66	5.6	SR12	9/9/2017 10:41	27.84	81.1	5.84	7.1	SR12	9/9/2017 16:41	28.34	79.9	5.86	7.7	SR12	9/9/2017 22:41	28.20	78.1	5.75	8.6
SR12	9/9/2017 4:46	28.11	79.6	5.76	7.5	SR12	9/9/2017 10:46	27.97	84.5	6.12	5.8	SR12	9/9/2017 16:46	28.22	80.2	5.89	8.9	SR12	9/9/2017 22:46	28.21	80.9	5.96	9.1
SR12	9/9/2017 4:51	27.99	79.7	5.77	7.7	SR12	9/9/2017 10:51	27.95	82.0	5.92	5.9	SR12	9/9/2017 16:51	28.22	79.6	5.85	7.3	SR12	9/9/2017 22:51	28.18	80.8	5.92	7.2
SR12	9/9/2017 4:56	27.95	79.0	5.74	8.1	SR12	9/9/2017 10:56	27.98	84.9	6.14	7.4	SR12	9/9/2017 16:56	28.29	80.1	5.88	8.8	SR12	9/9/2017 22:56	28.18	80.1	5.87	7.6
SR12	9/9/2017 5:01	28.06	77.2	5.59	6.3	SR12	9/9/2017 11:01	27.81	84.0	6.07	7.8	SR12	9/9/2017 17:01	28.36	79.7	5.86	8.3	SR12	9/9/2017 23:01	28.13	78.8	5.77	8.9
SR12	9/9/2017 5:06	28.01	99.3	7.38	5.4	SR12	9/9/2017 11:06	27.83	82.7	5.96	5.6	SR12	9/9/2017 17:06	28.35	78.0	5.71	8.0	SR12	9/9/2017 23:06	28.07	81.2	5.92	6.9
SR12	9/9/2017 5:11	28.11	99.4	7.36	6.1	SR12	9/9/2017 11:11	28.01	86.6	6.27	7.6	SR12	9/9/2017 17:11	28.16	80.7	5.90	7.7	SR12	9/9/2017 23:11	28.16	80.1	5.84	9.1
SR12	9/9/2017 5:16	28.01	99.1	7.30	7.0	SR12	9/9/2017 11:16	27.86	86.0	6.24	6.7	SR12	9/9/2017 17:16	28.21	79.9	5.89	7.2	SR12	9/9/2017 23:16	28.19	80.4	5.84	7.0
SR12	9/9/2017 5:21	27.96	98.1	7.23	8.2	SR12	9/9/2017 11:21	27.80	86.9	6.30	8.0	SR12	9/9/2017 17:21	28.36	80.4	5.91	6.9	SR12	9/9/2017 23:21	28.07	81.5	5.95	7.0
SR12	9/9/2017 5:26	28.07	96.9	7.14	6.9	SR12	9/9/2017 11:26	28.00	87.1	6.31	5.9	SR12	9/9/2017 17:26	28.31	80.1	5.91	7.9	SR12	9/9/2017 23:26	28.23	78.1	5.68	7.8
SR12	9/9/2017 5:31	27.97	95.5	7.03	8.2	SR12	9/9/2017 11:31	27.96	90.6	6.59	6.7	SR12	9/9/2017 17:31	28.28	79.7	5.89	6.6	SR12	9/9/2017 23:31	28.19	79.4	5.78	7.8
SR12	9/9/2017 5:36	28.10	96.6	7.11	6.9	SR12	9/9/2017 11:36	28.09	90.8	6.59	7.1	SR12	9/9/2017 17:36	28.22	79.6	5.83	8.9	SR12	9/9/2017 23:36	28.06	79.4	5.78	9.3
SR12	9/9/2017 5:41	27.96	97.9	7.19	6.9	SR12	9/9/2017 11:41	28.02	86.2	6.23	7.9	SR12	9/9/2017 17:41	28.22	80.3	5.89	8.3	SR12	9/9/2017 23:41	28.13	78.1	5.66	8.7
SR12	9/9/2017 5:46	27.97	97.6	7.17	6.3	SR12	9/9/2017 11:46	28.06	88.4	6.42	9.1	SR12	9/9/2017 17:46	28.27	79.6	5.82	9.3	SR12	9/9/2017 23:46	28.14	80.7	5.85	8.3
SR12	9/9/2017 5:51	27.99	98.1	7.19	5.4	SR12	9/9/2017 11:51	27.93	89.1	6.46	9.0	SR12	9/9/2017 17:51	28.35	80.3	5.92	8.4	SR12	9/9/2017 23:51	28.12	80.6	5.85	7.4
SR12	9/9/2017 5:56	28.10	95.9	7.09	6.1	SR12	9/9/2017 11:56	28.08	87.6	6.35	8.1	SR12	9/9/2017 17:56	28.17	80.1	5.90	7.6	SR12	9/9/2017 23:56	28.12	82.9	6.03	7.5

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR13	9/9/2017 0:00	27.86	75.5	5.07	5.2	SR13	9/9/2017 6:00	27.83	74.4	5.08	6.1	SR13	9/9/2017 12:00	27.87	81.0	5.53	5.8	SR13	9/9/2017 18:00	28.21	82.2	5.79	6.5
SR13	9/9/2017 0:05	27.88	75.8	5.10	6.7	SR13	9/9/2017 6:05	27.83	75.4	5.16	6.0	SR13	9/9/2017 12:05	27.87	81.4	5.60	6.4	SR13	9/9/2017 18:05	28.43	81.3	5.69	7.0
SR13	9/9/2017 0:10	27.91	75.8	5.10	6.6	SR13	9/9/2017 6:10	27.85	75.0	5.13	5.9	SR13	9/9/2017 12:10	27.88	81.8	5.59	6.9	SR13	9/9/2017 18:10	28.60	80.6	5.61	7.0
SR13	9/9/2017 0:15	27.91	76.1	5.13	4.9	SR13	9/9/2017 6:15	27.85	75.4	5.14	7.0	SR13	9/9/2017 12:15	27.89	81.9	5.62	6.7	SR13	9/9/2017 18:15	28.36	79.7	5.56	6.7
SR13	9/9/2017 0:20	27.92	76.7	5.18	3.9	SR13	9/9/2017 6:20	27.85	75.3	5.13	6.0	SR13	9/9/2017 12:20	27.89	82.1	5.62	5.6	SR13	9/9/2017 18:20	28.23	80.7	5.60	7.1
SR13	9/9/2017 0:25	27.93	76.5	5.17	5.4	SR13	9/9/2017 6:25	27.84	74.3	5.07	6.6	SR13	9/9/2017 12:25	27.90	80.7	5.53	6.7	SR13	9/9/2017 18:25	28.15	79.4	5.56	6.7
SR13	9/9/2017 0:30	27.96	88.9	6.80	5.7	SR13	9/9/2017 6:30	27.84	74.2	5.08	7.2	SR13	9/9/2017 12:30	27.90	79.9	5.45	6.1	SR13	9/9/2017 18:30	28.08	81.2	5.64	7.0
SR13	9/9/2017 0:35	27.97	78.1	5.27	6.2	SR13	9/9/2017 6:35	27.83	73.9	5.06	6.9	SR13	9/9/2017 12:35	27.90	79.7	5.44	5.7	SR13	9/9/2017 18:35	28.27	81.0	5.66	6.0
SR13	9/9/2017 0:40	27.99	66.8	4.55	5.7	SR13	9/9/2017 6:40	27.84	75.8	5.17	6.7	SR13	9/9/2017 12:40	27.90	80.4	5.48	7.4	SR13	9/9/2017 18:40	28.37	79.6	5.52	7.9
SR13	9/9/2017 0:45	28.01	90.8	6.09	5.2	SR13	9/9/2017 6:45	27.82	75.3	5.14	7.1	SR13	9/9/2017 12:45	27.89	79.6	5.45	5.5	SR13	9/9/2017 18:45	28.33	81.0	5.70	7.2
SR13	9/9/2017 0:50	28.02	86.1	5.77	5.2	SR13	9/9/2017 6:50	27.81	75.4	5.11	6.5	SR13	9/9/2017 12:50	27.90	79.8	5.44	6.9	SR13	9/9/2017 18:50	28.16	77.8	5.50	6.9
SR13	9/9/2017 0:55	28.02	74.0	5.00	5.4	SR13	9/9/2017 6:55	27.81	75.3	5.10	6.4	SR13	9/9/2017 12:55	27.89	80.5	5.53	7.2	SR13	9/9/2017 18:55	28.32	77.6	5.50	7.1
SR13	9/9/2017 1:00	28.03	90.8	6.44	5.5	SR13	9/9/2017 7:00	27.80	75.8	5.16	7.1	SR13	9/9/2017 13:00	27.90	80.3	5.51	5.8	SR13	9/9/2017 19:00	28.04	78.7	5.54	6.0
SR13	9/9/2017 1:05	28.05	87.9	6.56	4.8	SR13	9/9/2017 7:05	27.79	76.7	5.27	5.3	SR13	9/9/2017 13:05	27.91	80.5	5.52	7.1	SR13	9/9/2017 19:05	28.23	79.8	5.63	7.7
SR13	9/9/2017 1:10	28.05	73.6	4.97	4.7	SR13	9/9/2017 7:10	27.79	78.3	5.33	6.4	SR13	9/9/2017 13:10	27.90	80.2	5.47	5.3	SR13	9/9/2017 19:10	28.12	80.3	5.68	7.2
SR13	9/9/2017 1:15	28.06	79.7	5.40	5.3	SR13	9/9/2017 7:15	27.80	76.1	5.20	6.5	SR13	9/9/2017 13:15	27.90	80.9	5.58	5.6	SR13	9/9/2017 19:15	28.13	75.1	5.68	8.5
SR13	9/9/2017 1:20	28.06	76.1	5.13	6.4	SR13	9/9/2017 7:20	27.79	72.2	4.95	5.1	SR13	9/9/2017 13:20	27.89	80.9	5.54	5.5	SR13	9/9/2017 19:20	28.14	73.7	5.58	6.7
SR13	9/9/2017 1:25	28.06	79.2	5.36	5.5	SR13	9/9/2017 7:25	27.79	73.1	4.97	5.7	SR13	9/9/2017 13:25	27.89	81.1	5.60	7.0	SR13	9/9/2017 19:25	28.21	76.6	5.80	7.1
SR13	9/9/2017 1:30	28.05	76.1	5.13	5.5	SR13	9/9/2017 7:30	27.77	76.0	5.16	6.4	SR13	9/9/2017 13:30	27.88	81.7	5.62	6.7	SR13	9/9/2017 19:30	28.20	76.5	5.78	7.2
SR13	9/9/2017 1:35	28.05	76.6	5.17	6.0	SR13	9/9/2017 7:35	27.77	74.0	5.02	6.7	SR13	9/9/2017 13:35	27.88	81.3	5.56	6.8	SR13	9/9/2017 19:35	28.15	76.5	5.78	6.4
SR13	9/9/2017 1:40	28.05	75.9	5.12	4.8	SR13	9/9/2017 7:40	27.76	76.1	5.16	6.7	SR13	9/9/2017 13:40	27.88	81.8	5.56	6.9	SR13	9/9/2017 19:40	28.11	76.2	5.76	7.2
SR13	9/9/2017 1:45	28.06	75.7	5.10	4.1	SR13	9/9/2017 7:45	27.77	75.6	5.13	5.9	SR13	9/9/2017 13:45	27.77	82.0	5.58	7.1	SR13	9/9/2017 19:45	28.21	75.8	5.74	7.4
SR13	9/9/2017 1:50	28.06	76.2	5.15	5.8	SR13	9/9/2017 7:50	27.77	76.5	5.19	7.3	SR13	9/9/2017 13:50	27.77	82.9	5.67	6.9	SR13	9/9/2017 19:50	28.34	76.7	5.81	6.5
SR13	9/9/2017 1:55	28.05	73.3	4.94	6.4	SR13	9/9/2017 7:55	27.78	76.9	5.22	6.3	SR13	9/9/2017 13:55	27.80	81.5	5.55	6.6	SR13	9/9/2017 19:55	28.42	73.5	5.57	7.5
SR13	9/9/2017 2:00	28.04	71.7	4.87	5.7	SR13	9/9/2017 8:00	27.81	77.8	5.28	5.9	SR13	9/9/2017 14:00	27.81	82.0	5.58	6.4	SR13	9/9/2017 20:00	28.41	70.7	5.36	7.7
SR13	9/9/2017 2:05	28.03	72.0	4.89	5.9	SR13	9/9/2017 8:05	27.78	77.3	5.24	6.2	SR13	9/9/2017 14:05	27.88	82.7	5.63	7.6	SR13	9/9/2017 20:05	28.41	71.2	5.40	8.1
SR13	9/9/2017 2:10	28.04	71.5	4.83	5.5	SR13	9/9/2017 8:10	27.78	76.2	5.18	7.1	SR13	9/9/2017 14:10	27.81	83.5	5.68	7.5	SR13	9/9/2017 20:10	28.29	75.7	5.74	7.5
SR13	9/9/2017 2:15	28.05	73.7	4.98	6.7	SR13	9/9/2017 8:15	27.78	75.4	5.12	5.6	SR13	9/9/2017 14:15	27.83	85.2	5.91	6.9	SR13	9/9/2017 20:15	28.49	72.4	5.49	8.6
SR13	9/9/2017 2:20	28.05	74.9	5.06	4.9	SR13	9/9/2017 8:20	27.77	74.8	5.08	7.0	SR13	9/9/2017 14:20	27.98	86.1	6.05	6.4	SR13	9/9/2017 20:20	28.35	69.0	5.23	7.4
SR13	9/9/2017 2:25	28.05	73.9	4.98	6.2	SR13	9/9/2017 8:25	27.78	75.0	5.10	7.5	SR13	9/9/2017 14:25	27.89	85.1	5.97	6.3	SR13	9/9/2017 20:25	28.21	70.4	5.34	8.7
SR13	9/9/2017 2:30	28.06	75.3	5.06	5.5	SR13	9/9/2017 8:30	27.77	77.6	5.27	6.6	SR13	9/9/2017 14:30	27.82	85.6	5.99	7.3	SR13	9/9/2017 20:30	28.15	69.1	5.24	8.2
SR13	9/9/2017 2:35	28.05	77.1	5.25	5.3	SR13	9/9/2017 8:35	27.76	77.4	5.26	5.5	SR13	9/9/2017 14:35	27.79	85.5	5.98	7.3	SR13	9/9/2017 20:35	28.22	67.7	5.14	9.1
SR13	9/9/2017 2:40	28.05	78.0	5.26	5.4	SR13	9/9/2017 8:40	27.75	75.9	5.16	6.7	SR13	9/9/2017 14:40	27.78	84.7	5.93	6.5	SR13	9/9/2017 20:40	28.39	67.6	5.13	6.9
SR13	9/9/2017 2:45	28.05	78.4	5.31	5.0	SR13	9/9/2017 8:45	27.76	75.9	5.17	7.7	SR13	9/9/2017 14:45	27.80	83.0	5.78	6.7	SR13	9/9/2017 20:45	28.39	67.9	5.17	8.6
SR13	9/9/2017 2:50	28.06	74.1	5.07	5.5	SR13	9/9/2017 8:50	27.76	75.2	5.15	5.9	SR13	9/9/2017 14:50	27.80	80.9	5.60	6.7	SR13	9/9/2017 20:50	28.26	69.2	5.26	7.6
SR13	9/9/2017 2:55	28.05	74.5	5.03	4.9	SR13	9/9/2017 8:55	27.76	74.5	5.12	7.2	SR13	9/9/2017 14:55	27.79	80.1	5.57	7.6	SR13	9/9/2017 20:55	28.27	66.1	5.02	7.0
SR13	9/9/2017 3:00	28.06	80.7	5.42	4.9	SR13	9/9/2017 9:00	27.77	75.4	5.17	6.5	SR13	9/9/2017 15:00	27.80	77.6	5.38	6.2	SR13	9/9/2017 21:00	28.27	66.9	5.09	7.7
SR13	9/9/2017 3:05	28.06	76.2	5.13	6.6	SR13	9/9/2017 9:05	27.76	76.3	5.19	6.4	SR13	9/9/2017 15:05	27.82	82.0	5.69	6.3	SR13	9/9/2017 21:05	28.20	69.6	5.29	7.6
SR13	9/9/2017 3:10	28.05	79.2	5.32	7.0	SR13	9/9/2017 9:10	27.65	76.7	5.23	6.7	SR13	9/9/2017 15:10	27.89	82.9	5.75	7.2	SR13	9/9/2017 21:10	28.17	70.5	5.36	9.0
SR13	9/9/2017 3:15	28.05	78.0	5.26	6.0	SR13	9/9/2017 9:15	27.64	77.9	5.32	7.0	SR13	9/9/2017 15:15	27.89	85.3	5.98	6.5	SR13	9/9/2017 21:15	28.19	71.5	5.43	7.5
SR13	9/9/2017 3:20	28.04	79.6	5.37	6.5	SR13	9/9/2017 9:20	27.66	78.4	5.38	6.4	SR13	9/9/2017 15:20	27.86	84.4	5.86	7.2	SR13	9/9/2017 21:20	28.24	71.1	5.39	7.2
SR13	9/9/2017 3:25	28.04	79.5	5.36	5.4	SR13	9/9/2017 9:25	27.65	77.8	5.32	5.9	SR13	9/9/2017 15:25	27.83	84.9	5.91	6.8	SR13	9/9/2017 21:25	28.24	70.0	5.32	7.2
SR13	9/9/2017 3:30	28.03	79.3	5.36	5.9	SR13	9/9/2017 9:30	27.66	77.3	5.26	5.9	SR13	9/9/2017 15:30	27.82	84.6	5.89	6.4	SR13	9/9/2017 21:30	28.20	71.0	5.39	7.0
SR13	9/9/2017 3:35	28.02	79.3	5.37	4.7	SR13	9/9/2017 9:35	27.67	88.2	6.14	6.8	SR13	9/9/2017 15:35	27.84	83.8	5.85	6.8	SR13	9/9/2017 21:35	28.23	71.5	5.42	6.1
SR13	9/9/2017 3:40	28.00	75.3	5.10	6.5	SR13	9/9/2017 9:40	27.65	88.1	6.12	5.8	SR13	9/9/2017 15:40	27.85	85.3	5.99	6.8	SR13	9/9/2017 21:40	28.21	71.0	5.38	7.1
SR13	9/9/2017 3:45	28.00	75.1	5.08	5.5	SR13	9/9/2017 9:45	27.62	87.2	6.04	7.5	SR13	9/9/2017 15:45	27.81	85.8	6.02	6.9	SR13	9/9/2017 21:45	28.18	70.7	5.36	8.1
SR13	9/9/2017 3:50	28.00	75.4	5.11	6.4	SR13	9/9/2017 9:50	27.65	86.3	5.99	6.6	SR13	9/9/2017 15:50	27.80	85.4	5.97	7.7	SR13	9/9/2017 21:50	28.21	71.1	5.39	8.6
SR13	9/9/2017 3:55	28.02	75.7	5.13	7.2	SR13	9/9/2017 9:55	27.67	85.9	5.96	6.5	SR13	9/9/2017 15:55	27.81	85.0	5.97	6.7	SR13	9/9/2017 21:55	28.21	72.1	5.47	5.9
SR13	9/9/2017 4:00	28.02	77.0	5.21	7.0	SR13	9/9/2017 10:00	27.67	85.3	5.91	7.2	SR13	9/9/2017 16:00	27.83	87.2	6.12	6.2	SR13	9/9/2017 22:00	28.23	73.4	5.58	8.0
SR13	9/9/2017 4:05	28.03	78.2	5.30	6.7	SR13	9/9/2017 10:05	27.66	85.9	5.95	5.7	SR13	9/9/2017 16:05	27.83	87.7	6.15	7.1	SR13	9/9/2017 22:05	28.27	73.2	5.56	7.0
SR13	9/9/2017 4:10	27.98	77.3	5.26	5.1	SR13	9/9/2017 10:10	27.66	87.0	6.01	6.5	SR13	9/9/2017 16:10	27.85	84.9	5.96	7.4	SR13	9/9/2017 22:10	28.32	74.0	5.62	8.0
SR13	9/9/2017 4:15	27.94	77.1	5.26	5.6	SR13	9/9/2017 10:15	27.63	87.3	6.03	6.3	SR13	9/9/2017 16:15	27.82	85.4	5.99	6.7	SR13	9/9/2017 22:15	28.35	74.2	5.64	6.4
SR13	9/9/2017 4:20	27.96	76.3	5.22	6.5	SR13	9/9/2017 10:20	27.64	87.3	6.02	7.5	SR13	9/9/2017 16:20	27.83	85.1	5.99	7.5	SR13	9/9/2017 22:20	28.37	74.1	5.63	7.8
SR13	9/9/2017 4:25	27.95	75.2	5.15	5.6	SR13	9/9/2017 10:25	27.65	86.6	6.00	6.0	SR13	9/9/2017 16:25	27.83	84.3	5.89	8.2	SR13	9/9/2017 22:25	28.38	73.5	5.58	7.9
SR13	9/9/2017 4:30	27.91	76.4	5.19	6.5	SR13	9/9/2017 10:30	27.66	85.6	5.93	6.4	SR13	9/9/2017 16:30	27.82	83.4	5.85	7.1	SR13	9/9/2017 22:30	28.40	73.1	5.55	7.4
SR13	9/9/2017 4:35	27.94	77.5	5.28	6.0	SR13	9/9/2017 10:35	27.67	87.1	6.05	5.9	SR13	9/9/2017 16:35	27.81	83.0	5.85	6.5	SR13	9/9/2017 22:35	28.41	73.0	5.55	7.2
SR13	9/9/2017 4:40	27.87	77.8	5.33	6.3	SR13	9/9/2017 10:40	27.67	77.4	5.28	6.2	SR13	9/9/2017 16:40	27.80	83.6	5.84	7.8	SR13	9/9/2017 22:40	28.41	72.5	5.51	6.6
SR13	9/9/2017 4:45	27.90	78.2	5.34	6.7	SR13	9/9/2017 10:45	27.69	77.4	5.28	7.7	SR13	9/9/2017 16:45	27.83	83.2	5.82	7.1	SR13	9/9/2017 22:45	28.42	71.7	5.44	6.1
SR13	9/9/2017 4:50	27.88	76.8	5.24	6.1	SR13	9/9/2017 10:50	27.73	77.6	5.29	5.9	SR13	9/9/2017 16:50	27.82	83.8	5.88	6.8	SR13	9/9/2017 22:50	28.42	72.4	5.50	8.2
SR13	9/9/2017 4:55	27.87	75.8	5.18	5.8	SR13	9/9/2017 10:55	27.74	78.2	5.33	6.0	SR13	9/9/2017 16:55	27.82	83.3	5.83	7.6	SR13	9/9/2017 22:55	28.42	71.4	5.42	8.4
SR13	9/9/2017 5:00	27.85	80.4	5.86	5.4	SR13	9/9/2017 11:00	27.75	77.9	5.31	7.3	SR13	9/9/2017 17:00	27.82	83.3	5.83	6.6	SR13	9/9/2017 23:00	28.42	71.2	5.41	7.1
SR13	9/9/2017 5:05	27.85	73.9	5.04	6.1	SR13	9/9/2017 11:05	27.77	77.8	5.30	6.4	SR13	9/9/2017 17:05	27.82	82.3	5.76	7.1	SR13	9/9/2017 23:05	28.43	71.2	5.42	8.2
SR13	9/9/2017 5:10	27.85	69.3	4.74	7.6	SR13	9/9/2017 11:10	27.79	78.9	5.37	6.0	SR13	9/9/2017 17:10	27.82	84.2	5.87	6.9	SR13	9/9/2017 23:10	28.42	71.2	5.42	8.4
SR13	9/9/2017 5:15	27.84	82.3	5.56	5.2	SR13	9/9/2017 11:15	27.81	78.6	5.37	6.4	SR13	9/9/2017 17:15	27.83	83.2	5.86	7.3	SR13	9/9/2017 23:15	28.42	70.9	5.40	8.4
SR13	9/9/2017 5:20	27.83	80.2	5.42	7.1	SR13	9/9/2017 11:20	27.82	79.0	5.38	5.1	SR13	9/9/2017 17:20	27.81	83.4	5.85	7.4	SR13	9/9/2017 23:20	28.42	69.8	5.30	7.1
SR13	9/9/2017 5:25	27.84	73.0	4.95	6.5	SR13	9/9/2017 11:25	27.83	79.1	5.38	6.0	SR13	9/9/2017 17:25	28.17	82.3	5.79	7.3	SR13	9/9/2017 23:25	28.42	69.6	5.29	8.5
SR13	9/9/2017 5:30	27.84	81.5	5.68	7.3	SR13	9/9/2017 11:30	27.84	79.1	5.40	5.2	SR13	9/9/2017 17:30	28.20	81.8	5.77	7.6	SR13	9/9/2017 23:30	28.41	69.3	5.27	6.4
SR13	9/9/2017 5:35	27.87	79.6	5.70	5.5	SR13	9/9/2017 11:35	27.85	79.3	5.41	6.3	SR13	9/9/2017 17:35	28.26	81.9	5.73	8.5	SR13	9/9/2017 23:35	28.42	69.0	5.25	6.4
SR13	9/9/2017 5:40	27.86	74.3	5.03	5.6	SR13	9/9/2017 11:40	27.85	79.7	5.42	5.3	SR13	9/9/2017 17:40	28.26	82.0	5.72	7.2	SR13	9/9/2017 23:40	28.42	70.7	5.38	7.2
SR13	9/9/2017 5:45	27.86	77.8	5.27	5.8	SR13	9/9/2017 11:45	27.85	80.2	5.49	5.9	SR13	9/9/2017 17:45	28.38	82.0	5.74	8.1	SR13	9/9/2017 23:45	28.42	69.0	5.25	8.2
SR13	9/9/2017 5:50	27.84	77.4	5.23	5.2	SR13	9/9/2017 11:50	27.86	80.1	5.47	7.0	SR13	9/9/2017 17:50	28.22	83.2	5.85	7.0	SR13	9/9/2017 23:50	28.42	68.7	5.22	7.1
SR13	9/9/2017 5:55	27.83	77.9	5.34	6.1	SR13	9/9/2017 11:55	27.86	81.6	5.60	7.1	SR13	9/9/2017 17:55	28.23	82.3	5.79	6.9	SR13	9/9/2017 23:55	28.42	68.4	5.21	7.8

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	9/9/2017 0:17	0.09				SR12	9/9/2017 0:17	0.10			
SR4	9/9/2017 0:37	0.08				SR12	9/9/2017 0:37	0.08			
SR4	9/9/2017 0:57	0.09				SR12	9/9/2017 0:57	0.08			
SR4	9/9/2017 1:17	0.10				SR12	9/9/2017 1:17	0.08			
SR4	9/9/2017 1:37	0.11				SR12	9/9/2017 1:37	0.07			
SR4	9/9/2017 1:57	0.10				SR12	9/9/2017 1:57	0.07			
SR4	9/9/2017 2:17	0.09				SR12	9/9/2017 2:17	0.06			
SR4	9/9/2017 2:37	0.09				SR12	9/9/2017 2:37	0.06			
SR4	9/9/2017 2:57	0.08				SR12	9/9/2017 2:57	0.05			
SR4	9/9/2017 3:17	0.09				SR12	9/9/2017 3:17	0.06			
SR4	9/9/2017 3:37	0.08				SR12	9/9/2017 3:37	0.06			
SR4	9/9/2017 3:57	0.09				SR12	9/9/2017 3:57	0.06			
SR4	9/9/2017 4:17	0.09				SR12	9/9/2017 4:17	0.05			
SR4	9/9/2017 4:37	0.08				SR12	9/9/2017 4:37	0.06			
SR4	9/9/2017 4:57	0.09				SR12	9/9/2017 4:57	0.08			
SR4	9/9/2017 5:17	0.09				SR12	9/9/2017 5:17	0.08			
SR4	9/9/2017 5:37	0.09				SR12	9/9/2017 5:37	0.09			
SR4	9/9/2017 5:57	0.11				SR12	9/9/2017 5:57	0.08			
SR4						SR12					
SR4	9/9/2017 6:37	0.08				SR12	9/9/2017 6:37	0.09			
SR4	9/9/2017 6:57	0.09				SR12	9/9/2017 6:57	0.09			
SR4	9/9/2017 7:17	0.09				SR12	9/9/2017 7:17	0.08			
SR4	9/9/2017 7:37	0.07				SR12	9/9/2017 7:37	0.09			
SR4	9/9/2017 7:57	0.07				SR12	9/9/2017 7:57	0.08			
SR4	9/9/2017 8:17	0.06				SR12	9/9/2017 8:17	0.10			
SR4	9/9/2017 8:37	0.06				SR12	9/9/2017 8:37	0.08			
SR4	9/9/2017 8:57	0.07				SR12	9/9/2017 8:57	0.10			
SR4	9/9/2017 9:17	0.07				SR12	9/9/2017 9:17	0.10			
SR4	9/9/2017 9:37	0.07				SR12	9/9/2017 9:37	0.09			
SR4	9/9/2017 9:57	0.07				SR12	9/9/2017 9:57	0.08			
SR4	9/9/2017 10:17	0.06				SR12	9/9/2017 10:17	0.09			
SR4	9/9/2017 10:37	0.07				SR12	9/9/2017 10:37	0.09			
SR4	9/9/2017 10:57	0.05				SR12	9/9/2017 10:57	0.10			
SR4	9/9/2017 11:17	0.06				SR12	9/9/2017 11:17	0.11			
SR4	9/9/2017 11:37	0.07				SR12	9/9/2017 11:37	0.10			
SR4	9/9/2017 11:57	0.07				SR12	9/9/2017 11:57	0.12			
SR4	9/9/2017 12:17	0.10				SR12	9/9/2017 12:17	0.10			
SR4	9/9/2017 12:37	0.08				SR12	9/9/2017 12:37	0.09			
SR4	9/9/2017 12:57	0.07				SR12	9/9/2017 12:57	0.08			
SR4	9/9/2017 13:17	0.08				SR12	9/9/2017 13:17	0.07			
SR4	9/9/2017 13:37	0.09				SR12	9/9/2017 13:37	0.09			
SR4	9/9/2017 13:57	0.07				SR12	9/9/2017 13:57	0.11			
SR4	9/9/2017 14:17	0.06				SR12	9/9/2017 14:17	0.13			
SR4	9/9/2017 14:37	0.06				SR12	9/9/2017 14:37	0.11			
SR4	9/9/2017 14:57	0.06				SR12	9/9/2017 14:57	0.11			
SR4	9/9/2017 15:17	0.05				SR12	9/9/2017 15:17	0.10			
SR4	9/9/2017 15:37	0.06				SR12	9/9/2017 15:37	0.10			
SR4	9/9/2017 15:57	0.07				SR12	9/9/2017 15:57	0.10			
SR4	9/9/2017 16:17	0.08				SR12	9/9/2017 16:17	0.09			
SR4	9/9/2017 16:37	0.10				SR12	9/9/2017 16:37	0.11			
SR4	9/9/2017 16:57	0.14				SR12	9/9/2017 16:57	0.12			
SR4	9/9/2017 17:17	0.07				SR12	9/9/2017 17:17	0.14			
SR4	9/9/2017 17:37	0.12				SR12	9/9/2017 17:37	0.15			
SR4	9/9/2017 17:57	0.11				SR12	9/9/2017 17:57	0.11			
SR4	9/9/2017 18:17	0.13				SR12	9/9/2017 18:17	0.13			
SR4	9/9/2017 18:37	0.14				SR12	9/9/2017 18:37	0.08			
SR4	9/9/2017 18:57	0.08				SR12	9/9/2017 18:57	0.09			
SR4	9/9/2017 19:17	0.11				SR12	9/9/2017 19:17	0.12			
SR4	9/9/2017 19:37	0.08				SR12	9/9/2017 19:37	0.13			
SR4	9/9/2017 19:57	0.12				SR12	9/9/2017 19:57	0.11			
SR4	9/9/2017 20:17	0.14				SR12	9/9/2017 20:17	0.12			
SR4	9/9/2017 20:37	0.08				SR12	9/9/2017 20:37	0.11			
SR4	9/9/2017 20:57	0.13				SR12	9/9/2017 20:57	0.12			
SR4	9/9/2017 21:17	0.09				SR12	9/9/2017 21:17	0.07			
SR4	9/9/2017 21:37	0.10				SR12	9/9/2017 21:37	0.10			
SR4	9/9/2017 21:57	0.14				SR12	9/9/2017 21:57	0.09			
SR4	9/9/2017 22:17	0.14				SR12	9/9/2017 22:17	0.14			
SR4	9/9/2017 22:37	0.07				SR12	9/9/2017 22:37	0.15			
SR4	9/9/2017 22:57	0.07				SR12	9/9/2017 22:57	0.09			
SR4	9/9/2017 23:17	0.13				SR12	9/9/2017 23:17	0.11			
SR4	9/9/2017 23:37	0.14				SR12	9/9/2017 23:37	0.08			
SR4	9/9/2017 23:57	0.13				SR12	9/9/2017 23:57	0.12			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR4	9/10/2017 0:01	29.40	75.2	5.80	7.4	SR4	9/10/2017 6:01	29.14	106.6	8.27	9.1	SR4	9/10/2017 12:01	29.70	80.3	6.19	1.0	SR4	9/10/2017 18:01	29.41	71.3	5.42	4.6
SR4	9/10/2017 0:06	29.40	75.6	5.83	8.4	SR4	9/10/2017 6:06	29.14	106.4	8.23	6.8	SR4	9/10/2017 12:06	29.72	80.7	6.21	1.1	SR4	9/10/2017 18:06	29.37	71.9	5.46	2.3
SR4	9/10/2017 0:11	29.43	75.0	5.79	9.3	SR4	9/10/2017 6:11	29.31	104.2	8.03	8.2	SR4	9/10/2017 12:11	29.56	80.7	6.21	3.1	SR4	9/10/2017 18:11	29.50	72.1	5.48	0.9
SR4	9/10/2017 0:16	29.38	75.1	5.80	9.3	SR4	9/10/2017 6:16	29.15	102.8	7.92	7.6	SR4	9/10/2017 12:16	29.57	78.9	6.07	2.4	SR4	9/10/2017 18:16	29.48	72.0	5.48	5.5
SR4	9/10/2017 0:21	29.37	75.0	5.79	**10.4**	SR4	9/10/2017 6:21	29.17	99.9	7.69	7.5	SR4	9/10/2017 12:21	29.59	79.0	6.07	1.8	SR4	9/10/2017 18:21	29.49	71.3	5.42	3.9
SR4	9/10/2017 0:26	29.44	75.6	5.84	6.5	SR4	9/10/2017 6:26	29.24	93.2	7.18	7.0	SR4	9/10/2017 12:26	29.70	79.0	6.07	**11.0**	SR4	9/10/2017 18:26	29.44	71.1	5.40	4.5
SR4	9/10/2017 0:31	29.47	74.5	5.75	6.8	SR4	9/10/2017 6:31	29.36	90.0	6.92	9.2	SR4	9/10/2017 12:31	29.73	80.2	6.15	7.4	SR4	9/10/2017 18:31	29.25	70.4	5.35	1.3
SR4	9/10/2017 0:36	29.41	74.2	5.72	6.6	SR4	9/10/2017 6:36	29.18	81.7	6.30	7.3	SR4	9/10/2017 12:36	29.68	81.4	6.24	3.0	SR4	9/10/2017 18:36	29.35	70.9	5.38	3.7
SR4	9/10/2017 0:41	29.39	75.8	5.85	6.2	SR4	9/10/2017 6:41	29.30	74.6	5.75	5.6	SR4	9/10/2017 12:41	29.69	78.3	6.02	1.9	SR4	9/10/2017 18:41	29.36	70.8	5.38	6.5
SR4	9/10/2017 0:46	29.34	78.0	6.02	5.2	SR4	9/10/2017 6:46	29.29	72.3	5.57	6.5	SR4	9/10/2017 12:46	29.79	80.1	6.14	4.4	SR4	9/10/2017 18:46	29.32	70.7	5.37	2.6
SR4	9/10/2017 0:51	29.47	77.9	6.02	6.0	SR4	9/10/2017 6:51	29.30	72.3	5.57	7.8	SR4	9/10/2017 12:51	29.65	80.8	6.19	4.4	SR4	9/10/2017 18:51	29.28	71.5	5.44	0.4
SR4	9/10/2017 0:56	29.34	78.4	6.06	6.8	SR4	9/10/2017 6:56	29.19	70.0	5.38	7.4	SR4	9/10/2017 12:56	29.57	79.4	6.08	5.1	SR4	9/10/2017 18:56	29.36	71.8	5.46	2.9
SR4	9/10/2017 1:01	29.30	78.9	6.10	5.2	SR4	9/10/2017 7:01	29.18	71.0	5.47	6.3	SR4	9/10/2017 13:01	29.74	79.0	6.06	1.8	SR4	9/10/2017 19:01	29.23	71.4	5.43	2.6
SR4	9/10/2017 1:06	29.33	79.2	6.12	5.1	SR4	9/10/2017 7:06	29.17	69.8	5.37	6.5	SR4	9/10/2017 13:06	29.62	81.0	6.19	3.4	SR4	9/10/2017 19:06	29.39	70.9	5.38	2.4
SR4	9/10/2017 1:11	29.39	76.4	5.89	5.8	SR4	9/10/2017 7:11	29.21	69.4	5.34	7.3	SR4	9/10/2017 13:11	29.66	78.2	6.00	2.9	SR4	9/10/2017 19:11	29.33	71.2	5.42	2.8
SR4	9/10/2017 1:16	29.51	77.0	5.95	6.9	SR4	9/10/2017 7:16	29.29	68.0	5.24	7.7	SR4	9/10/2017 13:16	29.73	78.0	5.95	2.8	SR4	9/10/2017 19:16	29.10	70.4	5.36	3.4
SR4	9/10/2017 1:21	29.38	77.2	5.96	6.1	SR4	9/10/2017 7:21	29.37	68.4	5.27	6.0	SR4	9/10/2017 13:21	29.84	77.5	5.85	9.2	SR4	9/10/2017 19:21	29.17	70.6	5.37	2.7
SR4	9/10/2017 1:26	29.29	73.4	5.65	5.1	SR4	9/10/2017 7:26	29.43	69.0	5.31	6.8	SR4	9/10/2017 13:26	29.80	76.5	5.75	6.6	SR4	9/10/2017 19:26	29.27	70.2	5.34	9.8
SR4	9/10/2017 1:31	29.51	71.6	5.50	6.8	SR4	9/10/2017 7:31	29.31	68.9	5.31	6.6	SR4	9/10/2017 13:31	29.73	75.9	5.71	5.8	SR4	9/10/2017 19:31	29.24	70.1	5.34	2.5
SR4	9/10/2017 1:36	29.42	71.6	5.51	5.0	SR4	9/10/2017 7:36	29.37	69.7	5.36	6.9	SR4	9/10/2017 13:36	29.80	76.1	5.73	7.7	SR4	9/10/2017 19:36	29.15	73.1	5.57	3.1
SR4	9/10/2017 1:41	29.48	70.7	5.44	6.5	SR4	9/10/2017 7:41	29.33	69.2	5.33	6.6	SR4	9/10/2017 13:41	29.71	77.1	5.81	8.2	SR4	9/10/2017 19:41	29.11	72.5	5.52	2.5
SR4	9/10/2017 1:46	29.42	71.0	5.46	6.1	SR4	9/10/2017 7:46	29.35	68.8	5.30	1.1	SR4	9/10/2017 13:46	29.75	75.9	5.73	3.3	SR4	9/10/2017 19:46	29.29	71.7	5.46	2.5
SR4	9/10/2017 1:51	29.44	71.0	5.46	6.1	SR4	9/10/2017 7:51	29.35	68.8	5.30	6.4	SR4	9/10/2017 13:51	29.61	74.9	5.66	9.4	SR4	9/10/2017 19:51	29.24	72.4	5.51	2.5
SR4	9/10/2017 1:56	29.49	71.7	5.51	6.8	SR4	9/10/2017 7:56	29.37	69.6	5.36	8.0	SR4	9/10/2017 13:56	29.79	76.7	5.79	7.7	SR4	9/10/2017 19:56	29.17	72.4	5.51	2.4
SR4	9/10/2017 2:01	29.50	71.5	5.50	5.3	SR4	9/10/2017 8:01	29.21	69.2	5.32	**37.1**	SR4	9/10/2017 14:01	29.73	78.3	5.89	7.6	SR4	9/10/2017 20:01	29.19	71.5	5.45	2.1
SR4	9/10/2017 2:06	29.38	71.5	5.50	5.3	SR4	9/10/2017 8:06	29.41	70.2	5.41	7.3	SR4	9/10/2017 14:06	29.65	77.5	5.86	6.5	SR4	9/10/2017 20:06	29.27	71.2	5.42	2.4
SR4	9/10/2017 2:11	29.53	72.2	5.54	6.6	SR4	9/10/2017 8:11	29.33	70.1	5.40	**14.7**	SR4	9/10/2017 14:11	29.70	78.4	5.91	6.1	SR4	9/10/2017 20:11	29.25	71.2	5.42	2.6
SR4	9/10/2017 2:16	29.48	72.0	5.53	8.8	SR4	9/10/2017 8:16	29.37	70.0	5.38	5.6	SR4	9/10/2017 14:16	29.69	78.0	5.90	5.2	SR4	9/10/2017 20:16	29.37	71.1	5.41	2.8
SR4	9/10/2017 2:21	29.43	72.7	5.60	9.2	SR4	9/10/2017 8:21	29.29	70.3	5.42	8.4	SR4	9/10/2017 14:21	29.66	76.6	5.78	5.5	SR4	9/10/2017 20:21	29.23	70.7	5.38	2.6
SR4	9/10/2017 2:26	29.37	71.5	5.50	7.4	SR4	9/10/2017 8:26	29.49	71.2	5.47	6.7	SR4	9/10/2017 14:26	29.64	78.0	5.83	5.5	SR4	9/10/2017 20:26	29.24	70.6	5.37	2.5
SR4	9/10/2017 2:31	29.46	72.3	5.57	9.2	SR4	9/10/2017 8:31	29.52	70.6	5.43	8.0	SR4	9/10/2017 14:31	29.72	78.0	5.85	6.3	SR4	9/10/2017 20:31	29.33	70.9	5.41	2.3
SR4	9/10/2017 2:36	29.43	72.1	5.55	9.3	SR4	9/10/2017 8:36	29.47	71.1	5.46	**11.6**	SR4	9/10/2017 14:36	29.73	79.1	5.91	5.1	SR4	9/10/2017 20:36	29.26	73.0	5.57	2.4
SR4	9/10/2017 2:41	29.58	72.9	5.62	8.5	SR4	9/10/2017 8:41	29.56	71.3	5.48	6.4	SR4	9/10/2017 14:41	29.78	79.4	5.94	5.7	SR4	9/10/2017 20:41	29.24	72.4	5.51	1.9
SR4	9/10/2017 2:46	29.49	73.2	5.64	8.1	SR4	9/10/2017 8:46	29.61	71.7	5.51	5.7	SR4	9/10/2017 14:46	29.74	78.0	5.87	6.2	SR4	9/10/2017 20:46	29.23	72.2	5.50	2.8
SR4	9/10/2017 2:51	29.45	72.4	5.58	8.2	SR4	9/10/2017 8:51	29.51	72.5	5.58	3.8	SR4	9/10/2017 14:51	29.85	78.0	5.88	5.2	SR4	9/10/2017 20:51	29.23	71.7	5.46	2.5
SR4	9/10/2017 2:56	29.47	72.2	5.57	**14.2**	SR4	9/10/2017 8:56	29.35	71.6	5.51	**15.6**	SR4	9/10/2017 14:56	29.62	76.3	5.79	5.9	SR4	9/10/2017 20:56	29.20	71.2	5.43	2.7
SR4	9/10/2017 3:01	29.33	74.6	5.75	9.1	SR4	9/10/2017 9:01	29.45	70.8	5.45	6.7	SR4	9/10/2017 15:01	29.73	75.9	5.77	6.7	SR4	9/10/2017 21:01	29.13	71.9	5.48	2.6
SR4	9/10/2017 3:06	29.41	75.0	5.79	8.8	SR4	9/10/2017 9:06	29.57	70.8	5.46	6.7	SR4	9/10/2017 15:06	29.65	75.3	5.72	5.9	SR4	9/10/2017 21:06	29.17	70.9	5.41	2.6
SR4	9/10/2017 3:11	29.54	78.4	6.04	1.1	SR4	9/10/2017 9:11	29.41	70.7	5.45	7.8	SR4	9/10/2017 15:11	29.65	75.6	5.73	5.6	SR4	9/10/2017 21:11	29.15	71.7	5.47	2.6
SR4	9/10/2017 3:16	29.55	79.4	6.12	7.5	SR4	9/10/2017 9:16	29.46	71.0	5.47	6.5	SR4	9/10/2017 15:16	29.71	75.1	5.71	6.6	SR4	9/10/2017 21:16	29.25	72.1	5.49	2.3
SR4	9/10/2017 3:21	29.41	79.7	6.15	7.7	SR4	9/10/2017 9:21	29.45	71.6	5.51	7.5	SR4	9/10/2017 15:21	29.66	75.0	5.70	6.3	SR4	9/10/2017 21:21	29.24	72.3	5.51	2.5
SR4	9/10/2017 3:26	29.32	89.5	6.90	7.8	SR4	9/10/2017 9:26	29.49	72.1	5.55	8.6	SR4	9/10/2017 15:26	29.71	74.8	5.69	5.2	SR4	9/10/2017 21:26	29.15	72.5	5.52	2.5
SR4	9/10/2017 3:31	29.31	91.7	7.07	8.3	SR4	9/10/2017 9:31	29.54	72.0	5.54	5.1	SR4	9/10/2017 15:31	29.63	75.2	5.72	5.5	SR4	9/10/2017 21:31	29.25	72.8	5.54	3.0
SR4	9/10/2017 3:36	29.38	94.1	7.25	6.8	SR4	9/10/2017 9:36	29.44	72.5	5.59	7.7	SR4	9/10/2017 15:36	29.82	74.9	5.69	5.0	SR4	9/10/2017 21:36	29.26	72.5	5.52	9.2
SR4	9/10/2017 3:41	29.40	94.9	7.31	7.1	SR4	9/10/2017 9:41	29.53	73.1	5.63	4.9	SR4	9/10/2017 15:41	29.82	75.7	5.75	6.9	SR4	9/10/2017 21:41	29.23	72.9	5.55	2.9
SR4	9/10/2017 3:46	29.54	99.6	7.67	6.9	SR4	9/10/2017 9:46	29.58	72.9	5.61	2.6	SR4	9/10/2017 15:46	29.74	75.2	5.71	5.1	SR4	9/10/2017 21:46	29.29	73.2	5.58	3.1
SR4	9/10/2017 3:51	29.52	102.1	7.87	8.0	SR4	9/10/2017 9:51	29.55	73.2	5.64	1.4	SR4	9/10/2017 15:51	29.67	74.7	5.67	6.1	SR4	9/10/2017 21:51	29.26	74.1	5.65	3.0
SR4	9/10/2017 3:56	29.49	100.4	7.73	9.0	SR4	9/10/2017 9:56	29.56	73.7	5.68	1.6	SR4	9/10/2017 15:56	29.71	74.9	5.69	7.6	SR4	9/10/2017 21:56	29.27	74.0	5.65	1.9
SR4	9/10/2017 4:01	29.34	104.5	8.05	7.6	SR4	9/10/2017 10:01	29.56	74.2	5.71	3.1	SR4	9/10/2017 16:01	29.58	75.5	5.75	1.3	SR4	9/10/2017 22:01	29.19	75.4	5.76	2.8
SR4	9/10/2017 4:06	29.29	106.4	8.22	8.2	SR4	9/10/2017 10:06	29.50	73.8	5.68	5.5	SR4	9/10/2017 16:06	29.55	75.1	5.71	1.2	SR4	9/10/2017 22:06	29.15	75.1	5.75	3.0
SR4	9/10/2017 4:11	29.45	106.2	8.20	7.4	SR4	9/10/2017 10:11	29.66	74.0	5.70	6.6	SR4	9/10/2017 16:11	29.60	74.4	5.67	7.7	SR4	9/10/2017 22:11	29.40	75.1	5.75	2.1
SR4	9/10/2017 4:16	29.41	105.3	8.13	7.7	SR4	9/10/2017 10:16	29.40	74.8	5.76	1.0	SR4	9/10/2017 16:16	29.71	74.1	5.65	**11.2**	SR4	9/10/2017 22:16	29.16	75.3	5.77	3.1
SR4	9/10/2017 4:21	29.33	106.5	8.23	8.1	SR4	9/10/2017 10:21	29.58	74.8	5.77	1.0	SR4	9/10/2017 16:21	29.72	74.9	5.70	8.2	SR4	9/10/2017 22:21	29.21	74.3	5.69	2.5
SR4	9/10/2017 4:26	29.38	106.4	8.23	8.2	SR4	9/10/2017 10:26	29.47	74.2	5.73	1.6	SR4	9/10/2017 16:26	29.62	75.3	5.71	9.7	SR4	9/10/2017 22:26	29.25	74.3	5.69	3.4
SR4	9/10/2017 4:31	29.35	106.1	8.17	7.5	SR4	9/10/2017 10:31	29.54	74.7	5.77	1.9	SR4	9/10/2017 16:31	29.56	75.7	5.71	7.2	SR4	9/10/2017 22:31	29.34	74.2	5.68	2.1
SR4	9/10/2017 4:36	29.27	106.3	8.20	8.3	SR4	9/10/2017 10:36	29.51	75.2	5.81	2.6	SR4	9/10/2017 16:36	29.69	74.5	5.64	6.4	SR4	9/10/2017 22:36	29.20	74.0	5.66	3.4
SR4	9/10/2017 4:41	29.36	106.1	8.20	**20.3**	SR4	9/10/2017 10:41	29.50	76.5	5.90	7.5	SR4	9/10/2017 16:41	29.55	73.6	5.58	7.6	SR4	9/10/2017 22:41	29.19	74.1	5.68	2.0
SR4	9/10/2017 4:46	29.42	106.3	8.23	**13.2**	SR4	9/10/2017 10:46	29.42	77.8	6.00	3.3	SR4	9/10/2017 16:46	29.57	72.6	5.50	8.1	SR4	9/10/2017 22:46	29.32	73.9	5.66	2.4
SR4	9/10/2017 4:51	29.32	106.4	8.25	6.1	SR4	9/10/2017 10:51	29.65	76.4	5.89	4.5	SR4	9/10/2017 16:51	29.51	74.4	5.64	3.5	SR4	9/10/2017 22:51	29.23	73.7	5.64	2.2
SR4	9/10/2017 4:56	29.30	106.3	8.24	4.7	SR4	9/10/2017 10:56	29.56	77.7	5.99	1.6	SR4	9/10/2017 16:56	29.58	74.2	5.61	5.1	SR4	9/10/2017 22:56	29.23	73.8	5.65	2.5
SR4	9/10/2017 5:01	29.29	106.4	8.26	**14.7**	SR4	9/10/2017 11:01	29.58	78.3	6.03	**13.0**	SR4	9/10/2017 17:01	29.67	73.0	5.53	6.3	SR4	9/10/2017 23:01	29.24	74.0	5.67	3.0
SR4	9/10/2017 5:06	29.38	106.3	8.26	8.8	SR4	9/10/2017 11:06	29.54	77.7	5.99	2.5	SR4	9/10/2017 17:06	29.63	72.7	5.52	7.0	SR4	9/10/2017 23:06	29.21	74.1	5.67	2.3
SR4	9/10/2017 5:11	29.26	106.3	8.27	7.3	SR4	9/10/2017 11:11	29.58	78.2	6.02	4.5	SR4	9/10/2017 17:11	29.51	73.0	5.54	6.3	SR4	9/10/2017 23:11	29.26	74.1	5.68	3.3
SR4	9/10/2017 5:16	29.37	106.4	8.28	7.4	SR4	9/10/2017 11:16	29.51	78.3	6.03	9.4	SR4	9/10/2017 17:16	29.49	73.9	5.60	3.4	SR4	9/10/2017 23:16	29.23	74.3	5.69	3.4
SR4	9/10/2017 5:21	29.25	106.3	8.27	7.2	SR4	9/10/2017 11:21	29.56	78.2	6.02	6.8	SR4	9/10/2017 17:21	29.44	74.3	5.64	2.1	SR4	9/10/2017 23:21	29.09	74.6	5.71	2.2
SR4	9/10/2017 5:26	29.23	106.4	8.28	7.3	SR4	9/10/2017 11:26	29.59	79.2	6.10	1.6	SR4	9/10/2017 17:26	29.49	72.7	5.52	3.4	SR4	9/10/2017 23:26	29.19	75.0	5.75	3.1
SR4	9/10/2017 5:31	29.11	106.5	8.29	6.6	SR4	9/10/2017 11:31	29.60	79.9	6.16	1.6	SR4	9/10/2017 17:31	29.50	73.4	5.58	3.2	SR4	9/10/2017 23:31	29.22	77.4	5.93	2.7
SR4	9/10/2017 5:36	29.23	106.4	8.28	6.0	SR4	9/10/2017 11:36	29.65	79.8	6.15	1.0	SR4	9/10/2017 17:36	29.40	72.8	5.53	1.5	SR4	9/10/2017 23:36	29.17	78.2	5.99	3.5
SR4	9/10/2017 5:41	29.13	106.5	8.28	6.6	SR4	9/10/2017 11:41	29.50	78.3	6.04	2.5	SR4	9/10/2017 17:41	29.49	72.5	5.51	3.2	SR4	9/10/2017 23:41	29.36	77.9	5.98	2.2
SR4	9/10/2017 5:46	29.16	106.4	8.27	**18.1**	SR4	9/10/2017 11:46	29.66	79.3	6.11	1.8	SR4	9/10/2017 17:46	29.47	72.3	5.49	2.5	SR4	9/10/2017 23:46	29.34	78.9	6.05	3.0
SR4	9/10/2017 5:51	29.14	106.3	8.26	7.5	SR4	9/10/2017 11:51	29.53	79.0	6.08	2.5	SR4	9/10/2017 17:51	29.38	71.7	5.45	3.2	SR4	9/10/2017 23:51	29.33	77.9	5.97	2.3
SR4	9/10/2017 5:56	29.18	106.4	8.25	8.1	SR4	9/10/2017 11:56	29.68	79.5	6.13	3.6	SR4	9/10/2017 17:56	29.50	71.4	5.43	4.2	SR4	9/10/2017 23:56	29.25	77.9	5.97	3.2

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR5	9/10/2017 0:00	29.16	85.1	6.04	2.3	SR5	9/10/2017 6:00	28.70	98.5	7.37	2.7	SR5	9/10/2017 12:00	29.43	101.3	7.15	1.9	SR5	9/10/2017 18:00	29.21	78.9	5.56	2.7
SR5	9/10/2017 0:05	29.15	85.0	6.03	2.6	SR5	9/10/2017 6:05	28.73	97.8	7.30	2.6	SR5	9/10/2017 12:05	29.46	101.5	7.16	1.9	SR5	9/10/2017 18:05	29.21	79.4	5.59	2.6
SR5	9/10/2017 0:10	29.14	84.9	6.02	2.6	SR5	9/10/2017 6:10	28.74	96.4	7.18	2.7	SR5	9/10/2017 12:10	29.48	100.5	7.10	2.2	SR5	9/10/2017 18:10	29.19	79.8	5.62	2.2
SR5	9/10/2017 0:15	29.15	84.7	6.01	2.7	SR5	9/10/2017 6:15	28.72	95.6	7.12	2.5	SR5	9/10/2017 12:15	29.50	99.0	6.98	2.0	SR5	9/10/2017 18:15	29.18	79.6	5.61	3.0
SR5	9/10/2017 0:20	29.16	84.4	5.99	2.9	SR5	9/10/2017 6:20	28.79	94.1	7.00	2.3	SR5	9/10/2017 12:20	29.50	99.6	7.02	2.0	SR5	9/10/2017 18:20	29.14	79.4	5.59	2.9
SR5	9/10/2017 0:25	29.16	85.4	6.06	2.2	SR5	9/10/2017 6:25	28.79	93.8	6.70	2.3	SR5	9/10/2017 12:25	29.52	99.3	7.00	3.4	SR5	9/10/2017 18:25	29.16	79.1	5.57	3.1
SR5	9/10/2017 0:30	29.16	84.7	6.00	2.4	SR5	9/10/2017 6:30	28.82	92.5	6.59	2.6	SR5	9/10/2017 12:30	29.54	99.9	7.04	2.8	SR5	9/10/2017 18:30	29.13	79.0	5.55	2.3
SR5	9/10/2017 0:35	29.17	84.7	6.00	2.2	SR5	9/10/2017 6:35	28.80	88.0	6.26	2.3	SR5	9/10/2017 12:35	29.53	100.5	7.08	2.0	SR5	9/10/2017 18:35	29.08	79.2	5.57	2.5
SR5	9/10/2017 0:40	29.17	85.6	6.07	2.3	SR5	9/10/2017 6:40	28.79	84.7	6.00	2.0	SR5	9/10/2017 12:40	29.54	99.0	6.98	1.9	SR5	9/10/2017 18:40	29.09	79.1	5.56	3.3
SR5	9/10/2017 0:45	29.17	87.8	6.23	2.2	SR5	9/10/2017 6:45	28.79	83.7	5.92	2.2	SR5	9/10/2017 12:45	29.53	99.9	7.04	2.5	SR5	9/10/2017 18:45	29.05	78.9	5.55	2.7
SR5	9/10/2017 0:50	29.16	87.7	6.23	2.4	SR5	9/10/2017 6:50	28.78	83.4	5.90	2.5	SR5	9/10/2017 12:50	29.52	99.1	6.98	2.3	SR5	9/10/2017 18:50	29.05	79.4	5.59	2.3
SR5	9/10/2017 0:55	29.15	84.2	6.25	2.6	SR5	9/10/2017 6:55	28.79	82.4	5.82	2.3	SR5	9/10/2017 12:55	29.51	99.0	6.97	2.5	SR5	9/10/2017 18:55	29.03	79.2	5.58	2.7
SR5	9/10/2017 1:00	29.14	84.8	6.29	2.0	SR5	9/10/2017 7:00	28.80	82.6	5.84	2.2	SR5	9/10/2017 13:00	29.51	97.5	6.87	1.4	SR5	9/10/2017 19:00	29.03	79.1	5.57	2.6
SR5	9/10/2017 1:05	29.15	84.5	6.27	1.9	SR5	9/10/2017 7:05	28.81	81.8	5.78	2.3	SR5	9/10/2017 13:05	29.51	96.3	6.79	3.0	SR5	9/10/2017 19:05	28.99	78.8	5.54	3.0
SR5	9/10/2017 1:10	29.14	82.5	6.11	2.2	SR5	9/10/2017 7:10	28.85	82.3	5.81	2.4	SR5	9/10/2017 13:10	29.54	96.3	6.79	2.3	SR5	9/10/2017 19:10	28.96	78.8	5.55	3.0
SR5	9/10/2017 1:15	29.14	83.3	6.18	2.4	SR5	9/10/2017 7:15	28.89	81.4	5.75	2.5	SR5	9/10/2017 13:15	29.58	95.3	6.71	2.6	SR5	9/10/2017 19:15	28.93	78.0	5.50	3.1
SR5	9/10/2017 1:20	29.13	82.9	6.15	2.6	SR5	9/10/2017 7:20	28.90	81.8	5.77	2.1	SR5	9/10/2017 13:20	29.62	94.3	6.60	2.8	SR5	9/10/2017 19:20	28.94	78.1	5.50	3.1
SR5	9/10/2017 1:25	29.13	81.2	6.01	2.3	SR5	9/10/2017 7:25	28.90	82.2	5.80	2.4	SR5	9/10/2017 13:25	29.66	93.1	6.51	2.6	SR5	9/10/2017 19:25	28.96	77.8	5.48	4.0
SR5	9/10/2017 1:30	29.12	80.6	5.95	2.5	SR5	9/10/2017 7:30	28.94	83.3	5.88	2.4	SR5	9/10/2017 13:30	29.65	92.1	6.44	2.9	SR5	9/10/2017 19:30	28.95	77.2	5.44	2.7
SR5	9/10/2017 1:35	29.11	81.0	5.98	2.4	SR5	9/10/2017 7:35	28.94	83.6	5.90	2.5	SR5	9/10/2017 13:35	29.61	92.0	6.44	3.1	SR5	9/10/2017 19:35	28.94	78.4	5.54	3.7
SR5	9/10/2017 1:40	29.10	80.8	5.97	2.2	SR5	9/10/2017 7:40	28.94	82.5	5.83	2.6	SR5	9/10/2017 13:40	29.58	89.2	6.52	2.9	SR5	9/10/2017 19:40	28.94	78.4	5.53	3.0
SR5	9/10/2017 1:45	29.11	80.2	5.92	2.2	SR5	9/10/2017 7:45	28.93	82.4	5.82	1.7	SR5	9/10/2017 13:45	29.54	88.1	6.45	2.4	SR5	9/10/2017 19:45	28.98	77.9	5.49	3.4
SR5	9/10/2017 1:50	29.10	80.2	5.92	2.2	SR5	9/10/2017 7:50	28.94	82.9	5.85	2.4	SR5	9/10/2017 13:50	29.54	87.4	6.40	3.1	SR5	9/10/2017 19:50	28.98	78.6	5.54	3.7
SR5	9/10/2017 1:55	29.11	80.2	5.92	2.4	SR5	9/10/2017 7:55	28.88	83.1	5.86	2.7	SR5	9/10/2017 13:55	29.55	89.1	6.52	2.6	SR5	9/10/2017 19:55	29.01	81.5	5.74	3.2
SR5	9/10/2017 2:00	29.09	81.0	5.98	2.1	SR5	9/10/2017 8:00	28.85	82.8	5.84	7.8	SR5	9/10/2017 14:00	29.53	89.3	6.53	3.2	SR5	9/10/2017 20:00	28.96	81.2	5.72	3.3
SR5	9/10/2017 2:05	29.09	81.0	5.98	2.1	SR5	9/10/2017 8:05	28.85	84.1	5.94	2.7	SR5	9/10/2017 14:05	29.50	89.2	6.54	2.2	SR5	9/10/2017 20:05	28.94	81.1	5.70	3.6
SR5	9/10/2017 2:10	29.08	81.5	6.01	2.3	SR5	9/10/2017 8:10	28.88	84.1	5.94	4.3	SR5	9/10/2017 14:10	29.51	89.7	6.56	2.3	SR5	9/10/2017 20:10	28.97	81.1	5.71	3.9
SR5	9/10/2017 2:15	29.07	80.2	5.92	2.8	SR5	9/10/2017 8:15	28.93	84.2	5.94	2.8	SR5	9/10/2017 14:15	29.52	88.9	6.51	2.1	SR5	9/10/2017 20:15	29.00	81.0	5.70	3.8
SR5	9/10/2017 2:20	29.08	80.8	5.97	2.7	SR5	9/10/2017 8:20	29.02	83.8	5.92	3.1	SR5	9/10/2017 14:20	29.57	88.3	6.46	2.1	SR5	9/10/2017 20:20	28.99	80.6	5.67	3.7
SR5	9/10/2017 2:25	29.07	80.7	5.96	2.3	SR5	9/10/2017 8:25	29.11	85.4	6.02	2.9	SR5	9/10/2017 14:25	29.57	88.9	6.48	2.0	SR5	9/10/2017 20:25	29.00	80.6	5.67	3.2
SR5	9/10/2017 2:30	29.03	81.6	6.03	2.7	SR5	9/10/2017 8:30	29.11	85.0	6.00	3.1	SR5	9/10/2017 14:30	29.57	89.2	6.51	2.2	SR5	9/10/2017 20:30	28.99	80.6	5.68	3.0
SR5	9/10/2017 2:35	29.00	80.9	5.98	3.0	SR5	9/10/2017 8:35	29.11	85.3	6.02	4.0	SR5	9/10/2017 14:35	29.59	90.0	6.56	2.4	SR5	9/10/2017 20:35	28.96	81.6	5.75	4.1
SR5	9/10/2017 2:40	28.98	80.6	5.96	2.9	SR5	9/10/2017 8:40	29.12	84.9	5.99	3.0	SR5	9/10/2017 14:40	29.60	89.6	6.54	2.2	SR5	9/10/2017 20:40	28.94	81.4	5.73	3.1
SR5	9/10/2017 2:45	28.97	81.0	5.99	2.4	SR5	9/10/2017 8:45	29.11	85.9	6.06	3.1	SR5	9/10/2017 14:45	29.60	89.1	6.51	2.2	SR5	9/10/2017 20:45	28.91	81.1	5.72	3.7
SR5	9/10/2017 2:50	28.98	81.2	6.00	2.7	SR5	9/10/2017 8:50	29.13	86.6	6.12	2.9	SR5	9/10/2017 14:50	29.60	89.2	6.53	2.5	SR5	9/10/2017 20:50	28.88	80.9	5.70	3.1
SR5	9/10/2017 2:55	28.97	80.5	5.96	3.7	SR5	9/10/2017 8:55	29.11	86.6	6.11	4.5	SR5	9/10/2017 14:55	29.58	88.2	6.47	2.3	SR5	9/10/2017 20:55	28.86	80.6	5.68	4.1
SR5	9/10/2017 3:00	28.98	81.8	6.05	2.6	SR5	9/10/2017 9:00	29.15	87.5	6.17	3.2	SR5	9/10/2017 15:00	29.55	88.4	6.49	2.9	SR5	9/10/2017 21:00	28.85	80.8	5.69	3.5
SR5	9/10/2017 3:05	28.97	82.7	6.12	2.8	SR5	9/10/2017 9:05	29.15	87.3	6.16	3.3	SR5	9/10/2017 15:05	29.54	88.0	6.46	2.0	SR5	9/10/2017 21:05	28.84	81.1	5.71	3.6
SR5	9/10/2017 3:10	28.97	83.5	6.19	1.3	SR5	9/10/2017 9:10	29.14	86.7	6.12	3.2	SR5	9/10/2017 15:10	29.50	88.6	6.49	2.5	SR5	9/10/2017 21:10	28.83	81.3	5.73	3.5
SR5	9/10/2017 3:15	28.97	83.9	6.22	2.5	SR5	9/10/2017 9:15	29.12	87.7	6.18	3.0	SR5	9/10/2017 15:15	29.52	87.4	6.42	3.0	SR5	9/10/2017 21:15	28.89	82.1	5.78	3.7
SR5	9/10/2017 3:20	28.98	84.8	6.29	2.6	SR5	9/10/2017 9:20	29.12	90.0	6.34	2.9	SR5	9/10/2017 15:20	29.55	87.4	6.42	2.8	SR5	9/10/2017 21:20	28.88	82.0	5.78	3.5
SR5	9/10/2017 3:25	28.96	89.2	6.62	2.6	SR5	9/10/2017 9:25	29.15	90.7	6.39	3.1	SR5	9/10/2017 15:25	29.53	87.4	6.42	2.2	SR5	9/10/2017 21:25	28.90	82.0	5.78	3.3
SR5	9/10/2017 3:30	28.94	90.4	6.72	2.6	SR5	9/10/2017 9:30	29.16	90.1	6.35	2.6	SR5	9/10/2017 15:30	29.51	91.6	6.44	2.7	SR5	9/10/2017 21:30	28.87	82.2	5.80	9.7
SR5	9/10/2017 3:35	28.95	91.3	6.79	2.2	SR5	9/10/2017 9:35	29.15	93.2	6.57	3.1	SR5	9/10/2017 15:35	29.50	92.3	6.48	2.8	SR5	9/10/2017 21:35	28.89	82.0	5.78	4.6
SR5	9/10/2017 3:40	28.95	92.8	6.90	2.3	SR5	9/10/2017 9:40	29.18	92.0	6.49	2.4	SR5	9/10/2017 15:40	29.48	92.1	6.47	3.1	SR5	9/10/2017 21:40	28.90	82.1	5.79	2.9
SR5	9/10/2017 3:45	28.96	94.1	7.00	2.4	SR5	9/10/2017 9:45	29.20	92.1	6.49	1.9	SR5	9/10/2017 15:45	29.48	90.7	6.37	2.6	SR5	9/10/2017 21:45	28.92	82.2	5.79	2.5
SR5	9/10/2017 3:50	28.89	95.3	7.10	2.9	SR5	9/10/2017 9:50	29.22	91.5	6.46	1.8	SR5	9/10/2017 15:50	29.47	89.6	6.29	2.9	SR5	9/10/2017 21:50	28.86	82.5	5.82	2.3
SR5	9/10/2017 3:55	28.90	95.0	7.07	2.8	SR5	9/10/2017 9:55	29.24	92.9	6.55	2.3	SR5	9/10/2017 15:55	29.47	88.8	6.24	3.0	SR5	9/10/2017 21:55	28.88	82.5	5.82	2.0
SR5	9/10/2017 4:00	28.90	96.5	7.19	2.5	SR5	9/10/2017 10:00	29.20	93.0	6.56	2.1	SR5	9/10/2017 16:00	29.45	87.9	6.19	2.0	SR5	9/10/2017 22:00	28.93	83.1	5.87	2.0
SR5	9/10/2017 4:05	28.89	97.5	7.28	2.7	SR5	9/10/2017 10:05	29.21	92.4	6.52	2.2	SR5	9/10/2017 16:05	29.44	86.3	6.08	2.0	SR5	9/10/2017 22:05	28.95	82.9	5.87	2.3
SR5	9/10/2017 4:10	28.89	97.5	7.27	2.5	SR5	9/10/2017 10:10	29.23	92.0	6.50	2.4	SR5	9/10/2017 16:10	29.45	85.9	6.05	2.8	SR5	9/10/2017 22:10	28.96	83.7	5.92	2.0
SR5	9/10/2017 4:15	28.89	96.8	7.22	2.7	SR5	9/10/2017 10:15	29.20	92.4	6.52	2.1	SR5	9/10/2017 16:15	29.47	85.3	6.01	3.7	SR5	9/10/2017 22:15	28.95	83.8	5.93	2.1
SR5	9/10/2017 4:20	28.87	98.6	7.35	2.6	SR5	9/10/2017 10:20	29.19	92.9	6.56	1.7	SR5	9/10/2017 16:20	29.45	85.0	5.98	3.3	SR5	9/10/2017 22:20	28.94	84.7	6.00	2.1
SR5	9/10/2017 4:25	28.84	98.4	7.34	2.5	SR5	9/10/2017 10:25	29.17	94.0	6.63	2.1	SR5	9/10/2017 16:25	29.43	84.3	5.93	3.4	SR5	9/10/2017 22:25	28.93	84.8	6.00	2.1
SR5	9/10/2017 4:30	28.83	98.5	7.33	2.3	SR5	9/10/2017 10:30	29.21	94.5	6.67	2.4	SR5	9/10/2017 16:30	29.39	84.3	5.92	3.0	SR5	9/10/2017 22:30	28.94	84.2	5.96	2.0
SR5	9/10/2017 4:35	28.81	97.7	7.28	2.5	SR5	9/10/2017 10:35	29.27	94.4	6.67	2.4	SR5	9/10/2017 16:35	29.38	83.3	5.86	2.9	SR5	9/10/2017 22:35	28.91	84.8	6.00	2.2
SR5	9/10/2017 4:40	28.80	98.4	7.34	5.0	SR5	9/10/2017 10:40	29.25	97.8	6.90	3.7	SR5	9/10/2017 16:40	29.38	83.2	5.85	3.1	SR5	9/10/2017 22:40	28.91	84.7	6.00	1.7
SR5	9/10/2017 4:45	28.80	97.8	7.31	3.5	SR5	9/10/2017 10:45	29.26	97.9	6.91	2.5	SR5	9/10/2017 16:45	29.40	81.8	5.75	3.3	SR5	9/10/2017 22:45	28.87	84.8	6.00	1.9
SR5	9/10/2017 4:50	28.77	98.4	7.36	2.2	SR5	9/10/2017 10:50	29.29	97.6	6.88	2.5	SR5	9/10/2017 16:50	29.39	82.7	5.81	2.3	SR5	9/10/2017 22:50	28.91	84.5	5.97	1.8
SR5	9/10/2017 4:55	28.76	97.6	7.30	5.6	SR5	9/10/2017 10:55	29.30	97.7	6.90	2.7	SR5	9/10/2017 16:55	29.39	82.3	5.79	2.4	SR5	9/10/2017 22:55	28.87	84.7	5.99	1.9
SR5	9/10/2017 5:00	28.76	97.7	7.31	4.0	SR5	9/10/2017 11:00	29.29	98.1	6.92	4.2	SR5	9/10/2017 17:00	29.38	81.7	5.74	2.9	SR5	9/10/2017 23:00	28.88	84.9	6.01	1.8
SR5	9/10/2017 5:05	28.72	97.6	7.31	2.5	SR5	9/10/2017 11:05	29.29	97.7	6.90	2.3	SR5	9/10/2017 17:05	29.36	81.3	5.72	3.1	SR5	9/10/2017 23:05	28.88	86.1	6.09	1.8
SR5	9/10/2017 5:10	28.68	97.3	7.29	2.7	SR5	9/10/2017 11:10	29.31	98.4	6.94	2.6	SR5	9/10/2017 17:10	29.35	81.2	5.72	2.9	SR5	9/10/2017 23:10	28.88	86.0	6.09	1.8
SR5	9/10/2017 5:15	28.66	98.2	7.36	2.6	SR5	9/10/2017 11:15	29.31	99.9	7.04	3.5	SR5	9/10/2017 17:15	29.34	81.4	5.73	2.6	SR5	9/10/2017 23:15	28.88	86.6	6.13	1.9
SR5	9/10/2017 5:20	28.65	98.2	7.35	2.5	SR5	9/10/2017 11:20	29.27	100.1	7.06	2.9	SR5	9/10/2017 17:20	29.32	81.6	5.75	2.3	SR5	9/10/2017 23:20	28.88	87.0	6.16	1.7
SR5	9/10/2017 5:25	28.61	97.5	7.31	2.6	SR5	9/10/2017 11:25	29.29	99.3	7.01	1.9	SR5	9/10/2017 17:25	29.31	80.8	5.68	2.5	SR5	9/10/2017 23:25	28.88	87.7	6.22	2.0
SR5	9/10/2017 5:30	28.59	98.1	7.35	2.1	SR5	9/10/2017 11:30	29.30	99.7	7.04	2.2	SR5	9/10/2017 17:30	29.28	81.2	5.72	2.9	SR5	9/10/2017 23:30	28.86	89.1	6.32	1.6
SR5	9/10/2017 5:35	28.62	98.5	7.38	2.4	SR5	9/10/2017 11:35	29.34	99.7	7.04	1.9	SR5	9/10/2017 17:35	29.26	80.8	5.69	2.2	SR5	9/10/2017 23:35	28.85	89.4	6.34	1.8
SR5	9/10/2017 5:40	28.62	97.9	7.33	2.6	SR5	9/10/2017 11:40	29.36	100.8	7.11	2.1	SR5	9/10/2017 17:40	29.25	80.5	5.67	2.3	SR5	9/10/2017 23:40	28.83	89.2	6.33	1.7
SR5	9/10/2017 5:45	28.64	97.6	7.31	4.2	SR5	9/10/2017 11:45	29.37	100.0	7.06	2.1	SR5	9/10/2017 17:45	29.25	80.2	5.65	2.0	SR5	9/10/2017 23:45	28.80	89.9	6.38	1.8
SR5	9/10/2017 5:50	28.66	98.1	7.34	2.4	SR5	9/10/2017 11:50	29.40	101.1	7.13	2.0	SR5	9/10/2017 17:50	29.24	79.9	5.62	2.5	SR5	9/10/2017 23:50	28.85	89.5	6.35	1.7
SR5	9/10/2017 5:55	28.69	97.5	7.29	2.8	SR5	9/10/2017 11:55	29.42	101.4	7.15	2.5	SR5	9/10/2017 17:55	29.23	79.8	5.61	2.8	SR5	9/10/2017 23:55	28.87	90.0	6.39	1.8

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR12	9/10/2017 0:01	28.66	65.4	4.88	8.9	SR12	9/10/2017 6:01	29.47	78.5	5.90	9.0	SR12	9/10/2017 12:01	29.64	65.5	4.87	9.1	SR12	9/10/2017 18:01	29.59	71.9	5.23	9.5
SR12	9/10/2017 0:06	29.43	64.9	4.86	7.6	SR12	9/10/2017 6:06	29.46	77.8	5.83	7.4	SR12	9/10/2017 12:06	29.80	66.8	4.96	8.5	SR12	9/10/2017 18:06	29.45	73.0	5.32	8.4
SR12	9/10/2017 0:11	29.43	65.4	4.89	9.2	SR12	9/10/2017 6:11	29.60	76.4	5.71	6.9	SR12	9/10/2017 12:11	29.50	66.8	4.96	7.3	SR12	9/10/2017 18:11	29.58	73.0	5.33	8.4
SR12	9/10/2017 0:16	29.37	64.0	4.79	9.1	SR12	9/10/2017 6:16	29.57	76.0	5.68	7.9	SR12	9/10/2017 12:16	29.63	69.7	5.15	7.0	SR12	9/10/2017 18:16	29.50	77.0	5.62	8.2
SR12	9/10/2017 0:21	29.38	66.1	4.94	8.3	SR12	9/10/2017 6:21	29.49	75.5	5.63	7.1	SR12	9/10/2017 12:21	29.59	72.6	5.37	7.5	SR12	9/10/2017 18:21	29.45	74.8	5.45	7.6
SR12	9/10/2017 0:26	29.38	66.0	4.94	7.4	SR12	9/10/2017 6:26	29.61	71.7	5.34	7.5	SR12	9/10/2017 12:26	29.53	73.7	5.44	9.0	SR12	9/10/2017 18:26	29.40	73.5	5.36	8.8
SR12	9/10/2017 0:31	29.45	64.5	4.78	8.7	SR12	9/10/2017 6:31	29.51	69.9	5.24	7.3	SR12	9/10/2017 12:31	29.63	78.1	5.75	7.9	SR12	9/10/2017 18:31	29.37	70.8	5.18	9.5
SR12	9/10/2017 0:36	29.48	64.1	4.74	8.4	SR12	9/10/2017 6:36	29.52	64.5	4.84	6.6	SR12	9/10/2017 12:36	29.56	78.7	5.80	8.2	SR12	9/10/2017 18:36	29.35	71.2	5.20	7.6
SR12	9/10/2017 0:41	29.31	64.8	4.80	7.3	SR12	9/10/2017 6:41	29.42	61.6	4.61	9.1	SR12	9/10/2017 12:41	29.55	76.0	5.61	8.4	SR12	9/10/2017 18:41	29.44	70.9	5.18	8.0
SR12	9/10/2017 0:46	29.47	68.0	5.03	9.2	SR12	9/10/2017 6:46	29.44	60.5	4.52	9.1	SR12	9/10/2017 12:46	29.74	78.6	5.79	8.0	SR12	9/10/2017 18:46	29.51	71.7	5.24	9.2
SR12	9/10/2017 0:51	29.40	66.6	4.94	8.0	SR12	9/10/2017 6:51	29.48	61.4	4.59	7.4	SR12	9/10/2017 12:51	29.71	77.3	5.70	9.0	SR12	9/10/2017 18:51	29.49	70.6	5.17	7.2
SR12	9/10/2017 0:56	29.45	67.1	4.97	8.6	SR12	9/10/2017 6:56	29.44	58.7	4.38	8.4	SR12	9/10/2017 12:56	29.56	77.5	5.71	7.0	SR12	9/10/2017 18:56	29.33	71.3	5.22	8.1
SR12	9/10/2017 1:01	29.29	69.3	5.14	7.7	SR12	9/10/2017 7:01	29.42	61.2	4.57	8.4	SR12	9/10/2017 13:01	29.70	78.1	5.74	8.2	SR12	9/10/2017 19:01	29.38	72.1	5.27	9.2
SR12	9/10/2017 1:06	29.36	69.2	5.13	8.8	SR12	9/10/2017 7:06	29.53	59.0	4.41	8.8	SR12	9/10/2017 13:06	29.73	78.2	5.75	8.6	SR12	9/10/2017 19:06	29.40	71.9	5.25	8.6
SR12	9/10/2017 1:11	29.43	68.0	5.04	7.9	SR12	9/10/2017 7:11	29.56	60.0	4.48	8.3	SR12	9/10/2017 13:11	29.60	79.3	5.84	9.3	SR12	9/10/2017 19:11	29.32	71.5	5.23	8.1
SR12	9/10/2017 1:16	29.48	68.7	5.09	7.5	SR12	9/10/2017 7:16	29.56	59.2	4.42	9.1	SR12	9/10/2017 13:16	29.73	78.3	5.74	8.9	SR12	9/10/2017 19:16	29.22	72.5	5.29	7.9
SR12	9/10/2017 1:21	29.31	71.1	5.26	9.3	SR12	9/10/2017 7:21	29.48	59.3	4.43	7.2	SR12	9/10/2017 13:21	29.78	76.7	5.59	9.0	SR12	9/10/2017 19:21	29.25	73.5	5.35	7.1
SR12	9/10/2017 1:26	29.30	69.0	5.08	9.2	SR12	9/10/2017 7:26	29.57	59.6	4.44	7.3	SR12	9/10/2017 13:26	29.68	75.7	5.52	9.2	SR12	9/10/2017 19:26	29.23	74.0	5.40	9.4
SR12	9/10/2017 1:31	29.49	66.3	4.88	8.0	SR12	9/10/2017 7:31	29.53	60.1	4.49	6.6	SR12	9/10/2017 13:31	29.65	74.5	5.43	7.9	SR12	9/10/2017 19:31	29.37	72.1	5.27	7.4
SR12	9/10/2017 1:36	29.40	66.1	4.87	9.1	SR12	9/10/2017 7:36	29.50	60.7	4.52	9.3	SR12	9/10/2017 13:36	29.70	77.0	5.60	7.8	SR12	9/10/2017 19:36	29.26	74.3	5.43	7.6
SR12	9/10/2017 1:41	29.46	65.8	4.86	7.3	SR12	9/10/2017 7:41	29.46	59.7	4.45	7.1	SR12	9/10/2017 13:41	29.73	76.2	5.56	7.0	SR12	9/10/2017 19:41	29.23	75.3	5.49	8.8
SR12	9/10/2017 1:46	29.47	63.7	4.71	8.0	SR12	9/10/2017 7:46	29.59	60.0	4.48	7.8	SR12	9/10/2017 13:46	29.59	75.3	5.50	8.3	SR12	9/10/2017 19:46	29.35	74.0	5.40	7.7
SR12	9/10/2017 1:51	29.50	64.0	4.73	7.2	SR12	9/10/2017 7:51	29.46	60.0	4.48	7.4	SR12	9/10/2017 13:51	29.56	76.2	5.56	7.9	SR12	9/10/2017 19:51	29.21	75.0	5.47	7.2
SR12	9/10/2017 1:56	29.56	66.2	4.88	7.1	SR12	9/10/2017 7:56	29.62	59.6	4.45	8.6	SR12	9/10/2017 13:56	29.68	76.7	5.60	8.7	SR12	9/10/2017 19:56	29.27	73.0	5.34	9.4
SR12	9/10/2017 2:01	29.64	65.0	4.81	6.9	SR12	9/10/2017 8:01	29.48	60.4	4.50	9.2	SR12	9/10/2017 14:01	29.58	77.4	5.64	7.8	SR12	9/10/2017 20:01	29.21	71.8	5.25	8.8
SR12	9/10/2017 2:06	29.67	66.5	4.91	6.9	SR12	9/10/2017 8:06	29.64	60.3	4.51	8.1	SR12	9/10/2017 14:06	29.58	76.7	5.60	8.7	SR12	9/10/2017 20:06	29.23	70.1	5.13	9.3
SR12	9/10/2017 2:11	29.66	67.9	5.01	7.3	SR12	9/10/2017 8:11	29.49	59.6	4.46	9.2	SR12	9/10/2017 14:11	29.61	76.7	5.60	9.2	SR12	9/10/2017 20:11	29.43	70.5	5.15	8.6
SR12	9/10/2017 2:16	29.64	67.0	4.93	6.9	SR12	9/10/2017 8:16	29.55	58.9	4.40	6.6	SR12	9/10/2017 14:16	29.60	78.2	5.71	9.2	SR12	9/10/2017 20:16	29.37	68.7	5.03	8.4
SR12	9/10/2017 2:21	29.67	67.8	5.01	8.8	SR12	9/10/2017 8:21	29.55	59.2	4.39	9.2	SR12	9/10/2017 14:21	29.66	76.3	5.61	9.3	SR12	9/10/2017 20:21	29.36	72.1	5.27	7.7
SR12	9/10/2017 2:26	29.63	65.8	4.86	7.3	SR12	9/10/2017 8:26	29.70	58.2	4.31	8.2	SR12	9/10/2017 14:26	29.59	77.6	5.67	8.7	SR12	9/10/2017 20:26	29.40	69.4	5.08	8.0
SR12	9/10/2017 2:31	29.57	64.8	4.80	8.8	SR12	9/10/2017 8:31	29.68	58.6	4.34	8.1	SR12	9/10/2017 14:31	29.60	78.0	5.71	8.3	SR12	9/10/2017 20:31	29.36	68.8	5.04	8.6
SR12	9/10/2017 2:36	29.61	65.9	4.87	9.2	SR12	9/10/2017 8:36	29.59	59.9	4.43	8.2	SR12	9/10/2017 14:36	29.73	78.4	5.74	7.5	SR12	9/10/2017 20:36	29.30	72.0	5.28	7.8
SR12	9/10/2017 2:41	29.78	62.3	4.63	8.5	SR12	9/10/2017 8:41	29.72	59.5	4.41	7.8	SR12	9/10/2017 14:41	29.68	77.7	5.69	7.0	SR12	9/10/2017 20:41	29.43	71.1	5.20	9.5
SR12	9/10/2017 2:46	29.62	63.9	4.73	7.1	SR12	9/10/2017 8:46	29.72	58.9	4.36	7.5	SR12	9/10/2017 14:46	29.65	78.2	5.73	8.6	SR12	9/10/2017 20:46	29.34	70.6	5.17	7.8
SR12	9/10/2017 2:51	29.67	61.9	4.59	7.1	SR12	9/10/2017 8:51	29.63	61.9	4.58	7.8	SR12	9/10/2017 14:51	29.70	77.7	5.70	7.3	SR12	9/10/2017 20:51	29.26	71.0	5.20	8.6
SR12	9/10/2017 2:56	29.60	63.4	4.70	7.8	SR12	9/10/2017 8:56	29.58	62.0	4.59	7.5	SR12	9/10/2017 14:56	29.66	76.4	5.62	8.3	SR12	9/10/2017 20:56	29.35	70.0	5.13	9.2
SR12	9/10/2017 3:01	29.64	66.8	4.94	7.1	SR12	9/10/2017 9:01	29.56	61.2	4.53	9.2	SR12	9/10/2017 15:01	29.69	76.0	5.60	8.4	SR12	9/10/2017 21:01	29.29	70.0	5.12	7.5
SR12	9/10/2017 3:06	29.78	66.5	4.92	9.3	SR12	9/10/2017 9:06	29.73	62.0	4.59	7.7	SR12	9/10/2017 15:06	29.69	76.7	5.65	7.5	SR12	9/10/2017 21:06	29.21	67.1	4.91	7.6
SR12	9/10/2017 3:11	29.79	70.9	5.24	7.2	SR12	9/10/2017 9:11	29.64	62.1	4.59	8.8	SR12	9/10/2017 15:11	29.65	76.7	5.65	7.5	SR12	9/10/2017 21:11	29.29	69.8	5.10	7.7
SR12	9/10/2017 3:16	29.79	70.3	5.21	8.4	SR12	9/10/2017 9:16	29.62	62.2	4.60	8.2	SR12	9/10/2017 15:16	29.62	76.2	5.62	7.8	SR12	9/10/2017 21:16	29.29	68.6	5.01	8.8
SR12	9/10/2017 3:21	29.78	69.2	5.13	9.1	SR12	9/10/2017 9:21	29.58	61.7	4.56	6.6	SR12	9/10/2017 15:21	29.76	76.3	5.62	9.2	SR12	9/10/2017 21:21	29.26	70.1	5.13	8.2
SR12	9/10/2017 3:26	29.60	74.9	5.56	7.5	SR12	9/10/2017 9:26	29.57	61.2	4.53	7.5	SR12	9/10/2017 15:26	29.81	75.4	5.56	7.7	SR12	9/10/2017 21:26	29.32	70.9	5.17	9.3
SR12	9/10/2017 3:31	29.63	75.0	5.58	8.4	SR12	9/10/2017 9:31	29.68	61.3	4.54	8.8	SR12	9/10/2017 15:31	29.74	76.1	5.61	8.5	SR12	9/10/2017 21:31	29.28	70.6	5.16	8.0
SR12	9/10/2017 3:36	29.65	77.9	5.78	7.8	SR12	9/10/2017 9:36	29.69	61.8	4.58	6.8	SR12	9/10/2017 15:36	29.77	76.7	5.65	8.4	SR12	9/10/2017 21:36	29.32	71.5	5.22	7.8
SR12	9/10/2017 3:41	29.79	76.7	5.71	7.1	SR12	9/10/2017 9:41	29.68	63.0	4.66	7.3	SR12	9/10/2017 15:41	29.78	77.0	5.67	8.3	SR12	9/10/2017 21:41	29.34	72.5	5.29	8.3
SR12	9/10/2017 3:46	29.98	76.6	5.71	7.8	SR12	9/10/2017 9:46	29.57	61.9	4.58	7.3	SR12	9/10/2017 15:46	29.82	76.8	5.65	8.9	SR12	9/10/2017 21:46	29.36	71.7	5.23	9.0
SR12	9/10/2017 3:51	29.91	75.0	5.62	8.8	SR12	9/10/2017 9:51	29.61	63.0	4.66	8.3	SR12	9/10/2017 15:51	29.62	75.4	5.55	7.5	SR12	9/10/2017 21:51	29.30	70.7	5.17	9.0
SR12	9/10/2017 3:56	29.78	73.5	5.49	8.1	SR12	9/10/2017 9:56	29.60	63.1	4.67	8.7	SR12	9/10/2017 15:56	29.73	75.7	5.58	9.1	SR12	9/10/2017 21:56	29.40	75.1	5.48	9.2
SR12	9/10/2017 4:01	29.52	76.2	5.70	6.9	SR12	9/10/2017 10:01	29.68	63.3	4.69	7.3	SR12	9/10/2017 16:01	29.63	76.0	5.61	7.8	SR12	9/10/2017 22:01	29.41	72.7	5.32	9.1
SR12	9/10/2017 4:06	29.67	77.4	5.80	8.3	SR12	9/10/2017 10:06	29.62	62.7	4.65	8.4	SR12	9/10/2017 16:06	29.58	76.0	5.61	8.0	SR12	9/10/2017 22:06	29.29	72.4	5.30	7.7
SR12	9/10/2017 4:11	29.66	78.0	5.84	7.6	SR12	9/10/2017 10:11	29.73	62.8	4.66	8.7	SR12	9/10/2017 16:11	29.70	75.3	5.52	8.3	SR12	9/10/2017 22:11	29.44	77.0	5.62	9.5
SR12	9/10/2017 4:16	29.53	79.7	5.96	8.1	SR12	9/10/2017 10:16	29.52	63.7	4.72	6.9	SR12	9/10/2017 16:16	29.58	76.6	5.61	9.2	SR12	9/10/2017 22:16	29.35	76.1	5.56	8.6
SR12	9/10/2017 4:21	29.66	79.2	5.93	8.6	SR12	9/10/2017 10:21	29.71	63.6	4.71	9.3	SR12	9/10/2017 16:21	29.67	76.2	5.58	7.7	SR12	9/10/2017 22:21	29.47	74.4	5.44	7.7
SR12	9/10/2017 4:26	29.55	80.7	6.04	8.7	SR12	9/10/2017 10:26	29.65	63.7	4.72	9.3	SR12	9/10/2017 16:26	29.71	76.4	5.58	8.7	SR12	9/10/2017 22:26	29.40	74.7	5.46	**10.6**
SR12	9/10/2017 4:31	29.62	77.9	5.82	7.4	SR12	9/10/2017 10:31	29.55	64.1	4.75	8.5	SR12	9/10/2017 16:31	29.64	77.0	5.61	8.3	SR12	9/10/2017 22:31	29.34	73.8	5.40	7.3
SR12	9/10/2017 4:36	29.65	77.4	5.80	8.7	SR12	9/10/2017 10:36	29.74	65.0	4.82	8.0	SR12	9/10/2017 16:36	29.63	74.8	5.47	7.6	SR12	9/10/2017 22:36	29.40	82.9	6.03	9.1
SR12	9/10/2017 4:41	29.74	78.6	5.88	8.0	SR12	9/10/2017 10:41	29.66	64.9	4.81	7.1	SR12	9/10/2017 16:41	29.69	73.2	5.35	7.0	SR12	9/10/2017 22:41	29.44	77.5	5.65	9.5
SR12	9/10/2017 4:46	29.67	77.1	5.79	6.8	SR12	9/10/2017 10:46	29.54	65.6	4.86	7.3	SR12	9/10/2017 16:46	29.53	73.1	5.35	7.6	SR12	9/10/2017 22:46	29.36	74.0	5.41	9.5
SR12	9/10/2017 4:51	29.60	78.9	5.93	8.3	SR12	9/10/2017 10:51	29.71	65.6	4.86	9.0	SR12	9/10/2017 16:51	29.62	74.2	5.42	7.3	SR12	9/10/2017 22:51	29.39	72.2	5.28	8.9
SR12	9/10/2017 4:56	29.56	78.6	5.90	7.1	SR12	9/10/2017 10:56	29.58	66.2	4.91	8.5	SR12	9/10/2017 16:56	29.70	74.6	5.45	7.9	SR12	9/10/2017 22:56	29.33	78.2	5.70	9.5
SR12	9/10/2017 5:01	29.72	81.2	6.08	8.8	SR12	9/10/2017 11:01	29.59	65.8	4.88	6.8	SR12	9/10/2017 17:01	29.69	74.5	5.44	9.5	SR12	9/10/2017 23:01	29.39	72.6	5.32	9.4
SR12	9/10/2017 5:06	29.68	78.8	5.92	8.5	SR12	9/10/2017 11:06	29.65	64.0	4.76	7.6	SR12	9/10/2017 17:06	29.63	71.5	5.24	9.5	SR12	9/10/2017 23:06	29.26	73.4	5.37	9.0
SR12	9/10/2017 5:11	29.59	78.8	5.93	7.7	SR12	9/10/2017 11:11	29.65	64.2	4.77	8.9	SR12	9/10/2017 17:11	29.51	74.6	5.44	9.1	SR12	9/10/2017 23:11	29.34	72.5	5.31	8.3
SR12	9/10/2017 5:16	29.72	79.6	5.98	8.1	SR12	9/10/2017 11:16	29.63	63.1	4.69	7.3	SR12	9/10/2017 17:16	29.59	75.8	5.52	7.6	SR12	9/10/2017 23:16	29.30	72.6	5.31	7.7
SR12	9/10/2017 5:21	29.66	77.9	5.86	6.6	SR12	9/10/2017 11:21	29.50	64.2	4.77	6.9	SR12	9/10/2017 17:21	29.52	75.0	5.48	7.8	SR12	9/10/2017 23:21	29.29	73.1	5.35	7.6
SR12	9/10/2017 5:26	29.50	77.3	5.82	6.7	SR12	9/10/2017 11:26	29.57	65.4	4.86	7.5	SR12	9/10/2017 17:26	29.55	72.9	5.33	8.7	SR12	9/10/2017 23:26	29.43	73.1	5.35	7.6
SR12	9/10/2017 5:31	29.42	77.6	5.84	8.1	SR12	9/10/2017 11:31	29.62	62.7	4.68	6.9	SR12	9/10/2017 17:31	29.52	74.4	5.44	8.9	SR12	9/10/2017 23:31	29.31	77.0	5.63	9.1
SR12	9/10/2017 5:36	29.56	78.9	5.94	8.5	SR12	9/10/2017 11:36	29.63	64.2	4.77	7.0	SR12	9/10/2017 17:36	29.49	74.9	5.47	8.0	SR12	9/10/2017 23:36	29.39	73.2	5.37	7.2
SR12	9/10/2017 5:41	29.54	77.7	5.85	8.8	SR12	9/10/2017 11:41	29.60	63.4	4.72	7.7	SR12	9/10/2017 17:41	29.45	74.4	5.43	9.4	SR12	9/10/2017 23:41	29.54	69.8	5.14	7.0
SR12	9/10/2017 5:46	29.38	78.8	5.92	6.6	SR12	9/10/2017 11:46	29.58	63.6	4.73	8.4	SR12	9/10/2017 17:46	29.46	73.9	5.40	8.8	SR12	9/10/2017 23:46	29.51	69.7	5.13	7.8
SR12	9/10/2017 5:51	29.54	78.2	5.88	9.1	SR12	9/10/2017 11:51	29.48	63.8	4.74	7.9	SR12	9/10/2017 17:51	29.42	71.0	5.19	9.4	SR12	9/10/2017 23:51	29.42	69.7	5.12	9.4
SR12	9/10/2017 5:56	29.42	78.3	5.87	7.2	SR12	9/10/2017 11:56	29.64	62.5	4.65	8.1	SR12	9/10/2017 17:56	29.41	73.2	5.34	7.3	SR12	9/10/2017 23:56	29.12	71.6	5.25	7.6

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR13	9/10/2017 0:00	28.61	71.9	5.02	6.9	SR13	9/10/2017 6:00	29.22	78.2	5.48	9.5	SR13	9/10/2017 12:00	29.78	72.3	5.01	9.3	SR13	9/10/2017 18:00	29.47	75.3	5.18	8.9
SR13	9/10/2017 0:05	28.93	71.4	4.99	7.5	SR13	9/10/2017 6:05	29.14	77.6	5.43	8.4	SR13	9/10/2017 12:05	29.75	72.8	5.05	8.1	SR13	9/10/2017 18:05	29.36	75.9	5.23	7.8
SR13	9/10/2017 0:10	29.53	72.0	5.03	7.3	SR13	9/10/2017 6:10	29.26	77.1	5.38	9.7	SR13	9/10/2017 12:10	29.54	72.6	5.03	8.9	SR13	9/10/2017 18:10	29.58	75.8	5.22	7.9
SR13	9/10/2017 0:15	29.47	71.2	4.97	7.2	SR13	9/10/2017 6:15	29.17	76.9	5.37	**15.0**	SR13	9/10/2017 12:15	29.77	74.1	5.13	8.6	SR13	9/10/2017 18:15	29.40	77.7	5.37	8.2
SR13	9/10/2017 0:20	29.43	72.3	5.05	6.8	SR13	9/10/2017 6:20	29.17	76.8	5.35	7.9	SR13	9/10/2017 12:20	29.64	75.5	5.24	9.0	SR13	9/10/2017 18:20	29.50	76.8	5.30	8.0
SR13	9/10/2017 0:25	29.36	72.1	5.04	6.9	SR13	9/10/2017 6:25	29.25	74.7	5.19	8.3	SR13	9/10/2017 12:25	29.67	75.8	5.26	7.7	SR13	9/10/2017 18:25	29.34	75.9	5.23	7.9
SR13	9/10/2017 0:30	29.54	71.1	4.94	7.9	SR13	9/10/2017 6:30	29.39	74.3	5.18	8.0	SR13	9/10/2017 12:30	29.69	78.0	5.42	7.3	SR13	9/10/2017 18:30	29.26	74.6	5.15	7.8
SR13	9/10/2017 0:35	29.51	70.9	4.92	7.2	SR13	9/10/2017 6:35	29.30	71.6	4.98	6.9	SR13	9/10/2017 12:35	29.69	78.1	5.42	8.6	SR13	9/10/2017 18:35	29.32	74.9	5.16	8.5
SR13	9/10/2017 0:40	29.45	71.1	4.94	7.5	SR13	9/10/2017 6:40	29.26	70.3	4.87	7.7	SR13	9/10/2017 12:40	29.68	76.8	5.33	7.2	SR13	9/10/2017 18:40	29.33	74.9	5.16	8.9
SR13	9/10/2017 0:45	29.39	72.7	5.06	8.0	SR13	9/10/2017 6:45	29.32	69.6	4.82	7.4	SR13	9/10/2017 12:45	29.81	77.9	5.41	8.2	SR13	9/10/2017 18:45	29.35	75.2	5.19	7.2
SR13	9/10/2017 0:50	29.46	72.2	5.02	7.2	SR13	9/10/2017 6:50	29.33	70.2	4.86	8.3	SR13	9/10/2017 12:50	29.69	77.0	5.35	7.7	SR13	9/10/2017 18:50	29.37	74.7	5.15	8.7
SR13	9/10/2017 0:55	29.48	72.6	5.05	8.1	SR13	9/10/2017 6:55	29.30	68.8	4.75	9.3	SR13	9/10/2017 12:55	29.68	77.2	5.36	8.0	SR13	9/10/2017 18:55	29.28	74.9	5.17	8.5
SR13	9/10/2017 1:00	29.29	73.6	5.13	7.5	SR13	9/10/2017 7:00	29.13	70.0	4.85	6.8	SR13	9/10/2017 13:00	29.73	77.5	5.37	8.7	SR13	9/10/2017 19:00	29.21	75.3	5.19	7.8
SR13	9/10/2017 1:05	29.37	73.6	5.12	7.7	SR13	9/10/2017 7:05	29.22	69.3	4.80	7.3	SR13	9/10/2017 13:05	29.73	77.6	5.38	8.1	SR13	9/10/2017 19:05	29.40	75.2	5.18	8.0
SR13	9/10/2017 1:10	29.38	73.0	5.07	9.9	SR13	9/10/2017 7:10	29.33	69.7	4.82	8.3	SR13	9/10/2017 13:10	29.70	77.9	5.41	8.4	SR13	9/10/2017 19:10	29.29	75.0	5.17	6.9
SR13	9/10/2017 1:15	29.50	73.3	5.10	9.7	SR13	9/10/2017 7:15	29.42	69.3	4.79	7.6	SR13	9/10/2017 13:15	29.77	77.5	5.36	7.5	SR13	9/10/2017 19:15	29.28	75.8	5.22	8.0
SR13	9/10/2017 1:20	29.38	74.4	5.17	9.0	SR13	9/10/2017 7:20	29.39	69.0	4.78	6.8	SR13	9/10/2017 13:20	29.81	76.6	5.28	8.0	SR13	9/10/2017 19:20	29.24	76.2	5.25	8.1
SR13	9/10/2017 1:25	29.25	73.2	5.07	7.0	SR13	9/10/2017 7:25	29.44	69.2	4.79	8.0	SR13	9/10/2017 13:25	29.87	76.1	5.25	8.3	SR13	9/10/2017 19:25	29.29	76.2	5.26	7.8
SR13	9/10/2017 1:30	29.49	71.8	4.97	10.2	SR13	9/10/2017 7:30	29.43	69.5	4.82	8.2	SR13	9/10/2017 13:30	29.87	75.6	5.20	8.2	SR13	9/10/2017 19:30	29.32	75.5	5.21	6.9
SR13	9/10/2017 1:35	29.44	71.7	4.97	7.0	SR13	9/10/2017 7:35	29.41	69.6	4.81	6.6	SR13	9/10/2017 13:35	29.73	76.6	5.28	9.2	SR13	9/10/2017 19:35	29.18	76.8	5.30	7.9
SR13	9/10/2017 1:40	29.40	71.5	4.95	8.6	SR13	9/10/2017 7:40	29.32	69.3	4.80	8.2	SR13	9/10/2017 13:40	29.69	76.1	5.25	7.3	SR13	9/10/2017 19:40	29.13	78.5	5.42	7.6
SR13	9/10/2017 1:45	29.36	70.4	4.88	6.6	SR13	9/10/2017 7:45	29.34	69.8	4.83	6.9	SR13	9/10/2017 13:45	29.80	75.6	5.21	8.2	SR13	9/10/2017 19:45	29.28	77.6	5.36	7.5
SR13	9/10/2017 1:50	29.39	70.4	4.88	7.3	SR13	9/10/2017 7:50	29.32	70.0	4.84	7.6	SR13	9/10/2017 13:50	29.73	76.2	5.25	7.3	SR13	9/10/2017 19:50	29.34	77.9	5.38	6.9
SR13	9/10/2017 1:55	29.41	71.7	4.96	7.4	SR13	9/10/2017 7:55	29.33	69.6	4.81	7.2	SR13	9/10/2017 13:55	29.77	76.3	5.27	7.0	SR13	9/10/2017 19:55	29.17	76.8	5.31	7.4
SR13	9/10/2017 2:00	29.61	71.0	4.92	7.9	SR13	9/10/2017 8:00	29.30	70.3	4.86	7.3	SR13	9/10/2017 14:00	29.81	76.6	5.28	8.3	SR13	9/10/2017 20:00	29.13	76.6	5.30	7.0
SR13	9/10/2017 2:05	29.39	71.8	4.97	8.0	SR13	9/10/2017 8:05	29.46	70.6	4.89	8.2	SR13	9/10/2017 14:05	29.74	76.4	5.27	8.2	SR13	9/10/2017 20:05	29.26	75.9	5.25	7.3
SR13	9/10/2017 2:10	29.44	72.2	5.00	9.3	SR13	9/10/2017 8:10	29.40	70.4	4.87	7.5	SR13	9/10/2017 14:10	29.74	76.3	5.26	8.8	SR13	9/10/2017 20:10	29.35	76.2	5.27	8.0
SR13	9/10/2017 2:15	29.59	72.1	4.98	5.9	SR13	9/10/2017 8:15	29.30	70.4	4.86	7.1	SR13	9/10/2017 14:15	29.79	76.9	5.31	7.8	SR13	9/10/2017 20:15	29.44	75.1	5.19	9.0
SR13	9/10/2017 2:20	29.59	72.3	5.01	7.4	SR13	9/10/2017 8:20	29.40	70.4	4.85	7.3	SR13	9/10/2017 14:20	29.63	75.7	5.24	8.9	SR13	9/10/2017 20:20	29.28	77.2	5.34	7.7
SR13	9/10/2017 2:25	29.41	71.3	4.94	6.7	SR13	9/10/2017 8:25	29.50	69.9	4.81	7.2	SR13	9/10/2017 14:25	29.72	76.3	5.27	8.8	SR13	9/10/2017 20:25	29.21	75.8	5.24	7.8
SR13	9/10/2017 2:30	29.36	70.8	4.90	9.0	SR13	9/10/2017 8:30	29.63	70.4	4.85	7.9	SR13	9/10/2017 14:30	29.83	76.6	5.30	7.9	SR13	9/10/2017 20:30	29.42	75.4	5.22	8.5
SR13	9/10/2017 2:35	29.44	71.3	4.93	9.8	SR13	9/10/2017 8:35	29.59	71.3	4.91	7.7	SR13	9/10/2017 14:35	29.71	77.0	5.32	7.6	SR13	9/10/2017 20:35	29.32	77.1	5.34	7.7
SR13	9/10/2017 2:40	29.56	69.5	4.82	7.4	SR13	9/10/2017 8:40	29.65	71.7	4.94	7.7	SR13	9/10/2017 14:40	29.72	76.6	5.30	7.3	SR13	9/10/2017 20:40	29.32	76.5	5.30	8.2
SR13	9/10/2017 2:45	29.37	70.2	4.86	6.6	SR13	9/10/2017 8:45	29.59	72.2	4.97	8.5	SR13	9/10/2017 14:45	29.80	77.0	5.32	8.0	SR13	9/10/2017 20:45	29.24	76.6	5.31	8.5
SR13	9/10/2017 2:50	29.50	69.1	4.78	7.0	SR13	9/10/2017 8:50	29.50	73.1	5.04	8.2	SR13	9/10/2017 14:50	29.76	76.2	5.28	7.7	SR13	9/10/2017 20:50	29.26	76.5	5.30	7.7
SR13	9/10/2017 2:55	29.40	69.8	4.83	7.0	SR13	9/10/2017 8:55	29.39	72.9	5.03	7.0	SR13	9/10/2017 14:55	29.68	75.8	5.25	8.0	SR13	9/10/2017 20:55	29.27	76.6	5.31	8.9
SR13	9/10/2017 3:00	29.44	71.5	4.96	7.0	SR13	9/10/2017 9:00	29.43	72.2	4.98	9.5	SR13	9/10/2017 15:00	29.79	75.6	5.24	7.4	SR13	9/10/2017 21:00	29.28	76.6	5.30	9.5
SR13	9/10/2017 3:05	29.53	71.4	4.94	6.8	SR13	9/10/2017 9:05	29.56	72.8	5.02	**14.0**	SR13	9/10/2017 15:05	29.71	75.9	5.26	8.1	SR13	9/10/2017 21:05	29.09	75.0	5.19	7.6
SR13	9/10/2017 3:10	29.63	73.5	5.10	7.5	SR13	9/10/2017 9:10	29.48	72.8	5.02	7.1	SR13	9/10/2017 15:10	29.62	75.7	5.25	8.8	SR13	9/10/2017 21:10	29.25	76.4	5.29	9.0
SR13	9/10/2017 3:15	29.59	73.2	5.08	6.7	SR13	9/10/2017 9:15	29.41	72.6	5.01	10.0	SR13	9/10/2017 15:15	29.71	75.4	5.23	7.5	SR13	9/10/2017 21:15	29.18	75.9	5.25	7.5
SR13	9/10/2017 3:20	29.41	72.6	5.04	8.7	SR13	9/10/2017 9:20	29.47	72.3	4.98	7.7	SR13	9/10/2017 15:20	29.86	75.4	5.23	8.1	SR13	9/10/2017 21:20	29.19	76.4	5.29	8.4
SR13	9/10/2017 3:25	29.40	75.4	5.25	7.5	SR13	9/10/2017 9:25	29.55	72.1	4.97	8.1	SR13	9/10/2017 15:25	29.71	75.3	5.22	8.2	SR13	9/10/2017 21:25	29.26	76.7	5.31	7.6
SR13	9/10/2017 3:30	29.48	75.4	5.26	7.9	SR13	9/10/2017 9:30	29.47	71.9	4.96	7.5	SR13	9/10/2017 15:30	29.72	75.3	5.22	8.2	SR13	9/10/2017 21:30	29.33	77.0	5.34	7.9
SR13	9/10/2017 3:35	29.50	77.0	5.37	7.4	SR13	9/10/2017 9:35	29.62	72.6	5.01	**15.1**	SR13	9/10/2017 15:35	29.90	76.3	5.28	8.9	SR13	9/10/2017 21:35	29.30	77.5	5.37	8.2
SR13	9/10/2017 3:40	29.41	76.6	5.35	6.6	SR13	9/10/2017 9:40	29.56	73.4	5.06	8.9	SR13	9/10/2017 15:40	29.89	76.3	5.29	7.1	SR13	9/10/2017 21:40	29.24	78.0	5.41	8.7
SR13	9/10/2017 3:45	29.53	76.3	5.33	6.9	SR13	9/10/2017 9:45	29.49	72.6	5.01	7.7	SR13	9/10/2017 15:45	29.83	75.9	5.25	8.8	SR13	9/10/2017 21:45	29.25	77.9	5.41	7.8
SR13	9/10/2017 3:50	29.62	75.2	5.27	7.1	SR13	9/10/2017 9:50	29.52	73.1	5.05	11.4	SR13	9/10/2017 15:50	29.65	75.4	5.22	8.1	SR13	9/10/2017 21:50	29.16	77.3	5.37	8.6
SR13	9/10/2017 3:55	29.58	74.4	5.20	7.3	SR13	9/10/2017 9:55	29.67	73.3	5.06	7.9	SR13	9/10/2017 15:55	29.69	75.7	5.24	7.2	SR13	9/10/2017 21:55	29.32	79.4	5.52	9.5
SR13	9/10/2017 4:00	29.40	75.7	5.30	6.8	SR13	9/10/2017 10:00	29.55	73.3	5.07	8.3	SR13	9/10/2017 16:00	29.71	75.7	5.25	7.3	SR13	9/10/2017 22:00	29.32	78.2	5.44	7.6
SR13	9/10/2017 4:05	29.31	76.2	5.34	7.3	SR13	9/10/2017 10:05	29.49	72.9	5.03	8.8	SR13	9/10/2017 16:05	29.56	75.6	5.24	8.1	SR13	9/10/2017 22:05	29.16	78.2	5.44	8.3
SR13	9/10/2017 4:10	29.41	76.4	5.36	7.3	SR13	9/10/2017 10:10	29.62	73.1	5.05	7.9	SR13	9/10/2017 16:10	29.58	75.2	5.19	7.4	SR13	9/10/2017 22:10	29.40	80.5	5.60	7.4
SR13	9/10/2017 4:15	29.39	77.3	5.42	7.5	SR13	9/10/2017 10:15	29.44	73.3	5.07	8.1	SR13	9/10/2017 16:15	29.62	75.4	5.21	8.0	SR13	9/10/2017 22:15	29.27	80.0	5.57	9.2
SR13	9/10/2017 4:20	29.36	76.9	5.39	6.7	SR13	9/10/2017 10:20	29.66	72.9	5.04	9.1	SR13	9/10/2017 16:20	29.72	74.3	5.15	7.1	SR13	9/10/2017 22:20	29.34	79.0	5.50	8.9
SR13	9/10/2017 4:25	29.29	77.8	5.45	8.2	SR13	9/10/2017 10:25	29.53	72.9	5.04	8.4	SR13	9/10/2017 16:25	29.69	75.7	5.23	7.4	SR13	9/10/2017 22:25	29.31	79.2	5.51	9.2
SR13	9/10/2017 4:30	29.44	76.4	5.34	8.1	SR13	9/10/2017 10:30	29.57	72.4	5.01	9.9	SR13	9/10/2017 16:30	29.53	75.8	5.23	8.0	SR13	9/10/2017 22:30	29.27	78.6	5.47	8.1
SR13	9/10/2017 4:35	29.33	76.1	5.33	9.6	SR13	9/10/2017 10:35	29.52	72.9	5.05	7.5	SR13	9/10/2017 16:35	29.59	76.3	5.27	8.5	SR13	9/10/2017 22:35	29.27	83.2	5.79	7.3
SR13	9/10/2017 4:40	29.32	76.5	5.36	6.8	SR13	9/10/2017 10:40	29.51	72.5	5.02	8.8	SR13	9/10/2017 16:40	29.70	75.6	5.21	8.5	SR13	9/10/2017 22:40	29.24	80.4	5.59	8.5
SR13	9/10/2017 4:45	29.50	75.9	5.32	7.1	SR13	9/10/2017 10:45	29.52	72.9	5.05	8.5	SR13	9/10/2017 16:45	29.69	75.5	5.21	7.1	SR13	9/10/2017 22:45	29.22	78.5	5.46	9.0
SR13	9/10/2017 4:50	29.37	76.8	5.39	8.1	SR13	9/10/2017 10:50	29.57	72.5	5.02	8.2	SR13	9/10/2017 16:50	29.60	76.2	5.25	8.4	SR13	9/10/2017 22:50	29.33	77.5	5.39	8.1
SR13	9/10/2017 4:55	29.23	76.6	5.38	8.2	SR13	9/10/2017 10:55	29.61	73.2	5.07	8.5	SR13	9/10/2017 16:55	29.76	76.1	5.25	8.4	SR13	9/10/2017 22:55	29.23	80.4	5.59	9.0
SR13	9/10/2017 5:00	29.42	78.1	5.48	7.7	SR13	9/10/2017 11:00	29.61	72.3	5.01	8.0	SR13	9/10/2017 17:00	29.69	76.1	5.24	7.4	SR13	9/10/2017 23:00	29.21	77.4	5.39	7.4
SR13	9/10/2017 5:05	29.36	77.1	5.41	7.4	SR13	9/10/2017 11:05	29.58	72.7	5.04	7.9	SR13	9/10/2017 17:05	29.65	74.3	5.13	7.8	SR13	9/10/2017 23:05	29.14	78.0	5.43	7.3
SR13	9/10/2017 5:10	29.35	77.1	5.41	7.7	SR13	9/10/2017 11:10	29.58	72.7	5.03	9.0	SR13	9/10/2017 17:10	29.58	76.0	5.24	7.7	SR13	9/10/2017 23:10	29.35	77.6	5.40	7.7
SR13	9/10/2017 5:15	29.36	77.5	5.44	8.1	SR13	9/10/2017 11:15	29.53	72.0	4.98	8.0	SR13	9/10/2017 17:15	29.62	76.5	5.27	7.7	SR13	9/10/2017 23:15	29.34	77.9	5.42	8.1
SR13	9/10/2017 5:20	29.23	76.7	5.38	8.9	SR13	9/10/2017 11:20	29.62	72.4	5.01	8.4	SR13	9/10/2017 17:20	29.50	76.0	5.24	7.7	SR13	9/10/2017 23:20	29.17	78.0	5.43	8.3
SR13	9/10/2017 5:25	29.28	76.6	5.37	7.8	SR13	9/10/2017 11:25	29.66	72.6	5.03	8.7	SR13	9/10/2017 17:25	29.48	75.2	5.19	7.1	SR13	9/10/2017 23:25	29.32	78.3	5.44	9.1
SR13	9/10/2017 5:30	29.15	76.5	5.37	7.6	SR13	9/10/2017 11:30	29.61	71.2	4.94	8.3	SR13	9/10/2017 17:30	29.58	76.0	5.24	7.8	SR13	9/10/2017 23:30	29.33	80.1	5.58	8.7
SR13	9/10/2017 5:35	29.27	77.1	5.42	7.1	SR13	9/10/2017 11:35	29.66	71.8	4.98	8.6	SR13	9/10/2017 17:35	29.56	76.7	5.29	7.7	SR13	9/10/2017 23:35	29.34	78.2	5.45	7.3
SR13	9/10/2017 5:40	29.22	76.3	5.35	7.6	SR13	9/10/2017 11:40	29.54	71.2	4.94	8.9	SR13	9/10/2017 17:40	29.57	76.5	5.28	8.5	SR13	9/10/2017 23:40	29.40	75.9	5.29	9.0
SR13	9/10/2017 5:45	29.24	77.1	5.41	7.3	SR13	9/10/2017 11:45	29.59	71.5	4.95	8.3	SR13	9/10/2017 17:45	29.39	76.2	5.26	8.5	SR13	9/10/2017 23:45	29.34	75.5	5.26	8.1
SR13	9/10/2017 5:50	29.21	76.2	5.35	8.4	SR13	9/10/2017 11:50	29.63	71.4	4.95	8.3	SR13	9/10/2017 17:50	29.53	74.8	5.16	7.8	SR13	9/10/2017 23:50	29.32	75.4	5.25	8.6
SR13	9/10/2017 5:55	29.28	77.4	5.42	9.7	SR13	9/10/2017 11:55	29.69	70.9	4.91	8.7	SR13	9/10/2017 17:55	29.39	75.9	5.23	7.5	SR13	9/10/2017 23:55	29.15	76.1	5.30	8.1

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	9/10/2017 0:17	0.13				SR12	9/10/2017 0:17	0.11			
SR4	9/10/2017 0:37	0.13				SR12	9/10/2017 0:37	0.09			
SR4	9/10/2017 0:57	0.12				SR12	9/10/2017 0:57	0.08			
SR4	9/10/2017 1:17	0.13				SR12	9/10/2017 1:17	0.08			
SR4	9/10/2017 1:37	0.12				SR12	9/10/2017 1:37	0.07			
SR4	9/10/2017 1:57	0.11				SR12	9/10/2017 1:57	0.09			
SR4	9/10/2017 2:17	0.10				SR12	9/10/2017 2:17	0.10			
SR4	9/10/2017 2:37	0.09				SR12	9/10/2017 2:37	0.09			
SR4	9/10/2017 2:57	0.09				SR12	9/10/2017 2:57	0.08			
SR4	9/10/2017 3:17	0.10				SR12	9/10/2017 3:17	0.09			
SR4	9/10/2017 3:37	0.10				SR12	9/10/2017 3:37	0.09			
SR4	9/10/2017 3:57	0.10				SR12	9/10/2017 3:57	0.08			
SR4	9/10/2017 4:17	0.11				SR12	9/10/2017 4:17	0.08			
SR4	9/10/2017 4:37	0.11				SR12	9/10/2017 4:37	0.07			
SR4	9/10/2017 4:57	0.11				SR12	9/10/2017 4:57	0.07			
SR4	9/10/2017 5:17	0.11				SR12	9/10/2017 5:17	0.06			
SR4	9/10/2017 5:37	0.11				SR12	9/10/2017 5:37	0.08			
SR4	9/10/2017 5:57	0.12				SR12	9/10/2017 5:57	0.08			
SR4						SR12					
SR4	9/10/2017 6:37	0.12				SR12	9/10/2017 6:37	0.07			
SR4	9/10/2017 6:57	0.12				SR12	9/10/2017 6:57	0.08			
SR4	9/10/2017 7:17	0.10				SR12	9/10/2017 7:17	0.08			
SR4	9/10/2017 7:37	0.12				SR12	9/10/2017 7:37	0.09			
SR4	9/10/2017 7:57	0.12				SR12	9/10/2017 7:57	0.09			
SR4	9/10/2017 8:17	0.11				SR12	9/10/2017 8:17	0.09			
SR4	9/10/2017 8:37	0.12				SR12	9/10/2017 8:37	0.08			
SR4	9/10/2017 8:57	0.11				SR12	9/10/2017 8:57	0.08			
SR4	9/10/2017 9:17	0.12				SR12	9/10/2017 9:17	0.07			
SR4	9/10/2017 9:37	0.13				SR12	9/10/2017 9:37	0.07			
SR4	9/10/2017 9:57	0.12				SR12	9/10/2017 9:57	0.06			
SR4	9/10/2017 10:17	0.10				SR12	9/10/2017 10:17	0.07			
SR4	9/10/2017 10:37	0.09				SR12	9/10/2017 10:37	0.07			
SR4	9/10/2017 10:57	0.10				SR12	9/10/2017 10:57	0.07			
SR4	9/10/2017 11:17	0.12				SR12	9/10/2017 11:17	0.08			
SR4	9/10/2017 11:37	0.11				SR12	9/10/2017 11:37	0.07			
SR4	9/10/2017 11:57	0.11				SR12	9/10/2017 11:57	0.08			
SR4	9/10/2017 12:17	0.10				SR12	9/10/2017 12:17	0.09			
SR4	9/10/2017 12:37	0.12				SR12	9/10/2017 12:37	0.08			
SR4	9/10/2017 12:57	0.13				SR12	9/10/2017 12:57	0.09			
SR4	9/10/2017 13:17	0.12				SR12	9/10/2017 13:17	0.08			
SR4	9/10/2017 13:37	0.11				SR12	9/10/2017 13:37	0.09			
SR4	9/10/2017 13:57	0.10				SR12	9/10/2017 13:57	0.09			
SR4	9/10/2017 14:17	0.11				SR12	9/10/2017 14:17	0.09			
SR4	9/10/2017 14:37	0.12				SR12	9/10/2017 14:37	0.09			
SR4	9/10/2017 14:57	0.12				SR12	9/10/2017 14:57	0.10			
SR4	9/10/2017 15:17	0.11				SR12	9/10/2017 15:17	0.09			
SR4	9/10/2017 15:37	0.12				SR12	9/10/2017 15:37	0.07			
SR4	9/10/2017 15:57	0.12				SR12	9/10/2017 15:57	0.08			
SR4	9/10/2017 16:17	0.10				SR12	9/10/2017 16:17	0.09			
SR4	9/10/2017 16:37	0.09				SR12	9/10/2017 16:37	0.07			
SR4	9/10/2017 16:57	0.11				SR12	9/10/2017 16:57	0.08			
SR4	9/10/2017 17:17	0.10				SR12	9/10/2017 17:17	0.07			
SR4	9/10/2017 17:37	0.11				SR12	9/10/2017 17:37	0.08			
SR4	9/10/2017 17:57	0.11				SR12	9/10/2017 17:57	0.07			
SR4	9/10/2017 18:17	0.10				SR12	9/10/2017 18:17	0.08			
SR4	9/10/2017 18:37	0.10				SR12	9/10/2017 18:37	0.09			
SR4	9/10/2017 18:57	0.11				SR12	9/10/2017 18:57	0.09			
SR4	9/10/2017 19:17	0.10				SR12	9/10/2017 19:17	0.10			
SR4	9/10/2017 19:37	0.10				SR12	9/10/2017 19:37	0.10			
SR4	9/10/2017 19:57	0.10				SR12	9/10/2017 19:57	0.09			
SR4	9/10/2017 20:17	0.10				SR12	9/10/2017 20:17	0.09			
SR4	9/10/2017 20:37	0.09				SR12	9/10/2017 20:37	0.09			
SR4	9/10/2017 20:57	0.11				SR12	9/10/2017 20:57	0.09			
SR4	9/10/2017 21:17	0.10				SR12	9/10/2017 21:17	0.08			
SR4	9/10/2017 21:37	0.12				SR12	9/10/2017 21:37	0.08			
SR4	9/10/2017 21:57	0.11				SR12	9/10/2017 21:57	0.09			
SR4	9/10/2017 22:17	0.11				SR12	9/10/2017 22:17	0.09			
SR4	9/10/2017 22:37	0.12				SR12	9/10/2017 22:37	0.08			
SR4	9/10/2017 22:57	0.13				SR12	9/10/2017 22:57	0.07			
SR4	9/10/2017 23:17	0.11				SR12	9/10/2017 23:17	0.09			
SR4	9/10/2017 23:37	0.10				SR12	9/10/2017 23:37	0.07			
SR4	9/10/2017 23:57	0.11				SR12	9/10/2017 23:57	0.08			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR4	9/11/2017 0:01	28.77	78.2	5.99	2.8	SR4	9/11/2017 6:01	28.72	67.2	5.15	3.5	SR4	9/11/2017 12:01	29.02	78.6	5.98	4.4	SR4	9/11/2017 18:01	29.80	73.3	5.58	1.4
SR4	9/11/2017 0:06	28.76	77.9	5.97	2.7	SR4	9/11/2017 6:06	28.63	67.1	5.14	3.8	SR4	9/11/2017 12:06	29.04	78.4	5.96	4.6	SR4	9/11/2017 18:06	29.75	73.9	5.62	2.5
SR4	9/11/2017 0:11	28.76	76.9	5.89	2.8	SR4	9/11/2017 6:11	28.57	67.5	5.17	3.1	SR4						SR4	9/11/2017 18:11	29.80	73.4	5.58	3.1
SR4	9/11/2017 0:16	28.77	78.0	5.98	2.7	SR4	9/11/2017 6:16	28.57	67.5	5.17	3.4	SR4						SR4	9/11/2017 18:16	29.76	73.4	5.58	1.3
SR4	9/11/2017 0:21	28.76	77.6	5.95	2.5	SR4	9/11/2017 6:21	28.58	67.0	5.13	2.1	SR4						SR4	9/11/2017 18:21	29.67	73.6	5.60	0.3
SR4	9/11/2017 0:26	28.76	76.9	5.89	8.1	SR4	9/11/2017 6:26	28.60	66.2	5.07	3.0	SR4						SR4	9/11/2017 18:26	29.60	72.9	5.54	3.7
SR4	9/11/2017 0:31	28.75	77.0	5.89	2.8	SR4	9/11/2017 6:31	28.61	66.5	5.10	2.2	SR4						SR4	9/11/2017 18:31	29.63	72.5	5.52	1.9
SR4	9/11/2017 0:36	28.71	78.1	5.98	2.7	SR4	9/11/2017 6:36	28.60	65.9	5.05	2.6	SR4						SR4	9/11/2017 18:36	29.77	73.2	5.58	3.1
SR4	9/11/2017 0:41	28.68	78.3	6.00	4.8	SR4	9/11/2017 6:41	28.61	66.5	5.09	2.6	SR4						SR4	9/11/2017 18:41	29.80	71.8	5.47	1.3
SR4	9/11/2017 0:46	28.67	77.4	5.93	1.7	SR4	9/11/2017 6:46	28.64	66.9	5.13	2.5	SR4						SR4	9/11/2017 18:46	29.83	70.9	5.40	1.3
SR4	9/11/2017 0:51	28.64	77.1	5.90	2.5	SR4	9/11/2017 6:51	28.70	67.0	5.13	2.0	SR4						SR4	9/11/2017 18:51	29.64	70.8	5.38	3.0
SR4	9/11/2017 0:56	28.62	78.0	5.97	2.6	SR4	9/11/2017 6:56	28.77	66.5	5.10	3.0	SR4						SR4	9/11/2017 18:56	29.43	70.5	5.37	0.9
SR4	9/11/2017 1:01	28.61	77.0	5.89	3.9	SR4	9/11/2017 7:01	28.80	66.0	5.06	2.3	SR4						SR4	9/11/2017 19:01	29.40	70.9	5.41	5.4
SR4	9/11/2017 1:06	28.59	78.2	5.99	3.8	SR4	9/11/2017 7:06	28.82	66.0	5.06	3.6	SR4						SR4	9/11/2017 19:06	29.40	71.3	5.44	2.1
SR4	9/11/2017 1:11	28.57	76.8	5.88	4.8	SR4	9/11/2017 7:11	28.86	66.6	5.11	3.7	SR4	9/11/2017 13:11	29.19	79.4	6.06	6.9	SR4	9/11/2017 19:11	29.33	70.7	5.38	2.3
SR4	9/11/2017 1:16	28.58	78.8	6.03	4.8	SR4	9/11/2017 7:16	28.84	66.6	5.10	2.0	SR4	9/11/2017 13:16	29.19	79.3	6.05	4.9	SR4	9/11/2017 19:16	29.27	70.4	5.36	2.9
SR4	9/11/2017 1:21	28.61	79.2	6.06	3.6	SR4	9/11/2017 7:21	28.79	66.6	5.10	3.7	SR4	9/11/2017 13:21	29.20	76.5	5.86	6.2	SR4	9/11/2017 19:21	29.28	69.9	5.32	1.6
SR4	9/11/2017 1:26	28.64	78.5	6.00	3.2	SR4	9/11/2017 7:26	28.75	67.0	5.13	3.9	SR4	9/11/2017 13:26	29.26	80.6	6.16	5.1	SR4	9/11/2017 19:26	29.28	69.6	5.30	3.3
SR4	9/11/2017 1:31	28.64	78.0	5.97	3.4	SR4	9/11/2017 7:31	28.73	67.0	5.14	3.6	SR4	9/11/2017 13:31	29.26	76.5	5.86	4.7	SR4	9/11/2017 19:31	29.24	70.6	5.37	2.6
SR4	9/11/2017 1:36	28.62	76.9	5.88	3.4	SR4	9/11/2017 7:36	28.70	65.6	5.02	0.4	SR4	9/11/2017 13:36	29.45	76.7	5.88	6.9	SR4	9/11/2017 19:36	29.26	73.2	5.58	2.5
SR4	9/11/2017 1:41	28.61	78.3	6.00	3.0	SR4	9/11/2017 7:41	28.70	65.1	4.98	0.4	SR4	9/11/2017 13:41	29.45	77.5	5.95	6.2	SR4	9/11/2017 19:41	29.25	72.2	5.49	3.0
SR4	9/11/2017 1:46	28.61	79.0	6.05	3.7	SR4	9/11/2017 7:46	28.69	65.1	4.98	2.7	SR4	9/11/2017 13:46	29.61	75.8	5.82	5.4	SR4	9/11/2017 19:46	29.25	73.8	5.62	2.7
SR4	9/11/2017 1:51	28.60	75.9	5.81	0.4	SR4	9/11/2017 7:51	28.68	65.6	5.02	2.5	SR4	9/11/2017 13:51	29.80	76.0	5.84	**10.1**	SR4	9/11/2017 19:51	29.33	73.2	5.57	2.5
SR4	9/11/2017 1:56	28.63	75.2	5.76	2.1	SR4	9/11/2017 7:56	28.67	66.1	5.07	4.6	SR4	9/11/2017 13:56	29.80	76.8	5.90	6.5	SR4	9/11/2017 19:56	29.26	72.5	5.51	**16.7**
SR4	9/11/2017 2:01	28.64	73.5	5.62	0.4	SR4	9/11/2017 8:01	28.69	66.5	5.10	3.2	SR4	9/11/2017 14:01	29.76	77.1	5.93	7.0	SR4	9/11/2017 20:01	29.38	71.1	5.41	3.9
SR4	9/11/2017 2:06	28.65	72.0	5.51	2.9	SR4	9/11/2017 8:06	28.69	66.6	5.10	**17.5**	SR4	9/11/2017 14:06	29.64	78.0	5.99	4.5	SR4	9/11/2017 20:06	29.38	71.6	5.45	4.0
SR4	9/11/2017 2:11	28.67	72.0	5.51	3.1	SR4	9/11/2017 8:11	28.65	66.7	5.11	3.9	SR4	9/11/2017 14:11	29.60	81.4	6.21	5.2	SR4	9/11/2017 20:11	29.42	70.0	5.33	6.9
SR4	9/11/2017 2:16	28.69	69.2	5.30	2.7	SR4	9/11/2017 8:16	28.64	66.1	5.06	3.0	SR4	9/11/2017 14:16	29.53	81.9	6.23	9.7	SR4	9/11/2017 20:16	29.48	72.3	5.50	3.4
SR4	9/11/2017 2:21	28.69	70.8	5.43	3.0	SR4	9/11/2017 8:21	28.64	66.5	5.10	7.0	SR4	9/11/2017 14:21	29.47	79.6	6.06	4.2	SR4	9/11/2017 20:21	29.34	72.6	5.52	3.1
SR4	9/11/2017 2:26	28.71	69.8	5.34	3.3	SR4	9/11/2017 8:26	28.64	66.6	5.10	3.5	SR4	9/11/2017 14:26	29.43	77.4	5.90	3.6	SR4	9/11/2017 20:26	29.39	71.6	5.45	2.8
SR4	9/11/2017 2:31	28.72	70.3	5.37	3.2	SR4	9/11/2017 8:31	28.68	67.3	5.15	**16.1**	SR4	9/11/2017 14:31	29.44	72.7	5.55	4.5	SR4	9/11/2017 20:31	29.32	71.1	5.42	0.4
SR4	9/11/2017 2:36	28.74	69.7	5.33	3.2	SR4	9/11/2017 8:36	28.72	66.1	5.07	3.8	SR4	9/11/2017 14:36	29.45	70.9	5.42	3.2	SR4	9/11/2017 20:36	29.42	71.6	5.46	3.1
SR4	9/11/2017 2:41	28.74	69.7	5.33	3.4	SR4	9/11/2017 8:41	28.77	66.9	5.13	3.0	SR4	9/11/2017 14:41	29.49	72.4	5.53	6.1	SR4	9/11/2017 20:41	29.43	71.9	5.48	2.9
SR4	9/11/2017 2:46	28.73	70.4	5.40	3.1	SR4	9/11/2017 8:46	28.76	67.7	5.19	0.4	SR4	9/11/2017 14:46	29.43	74.6	5.71	1.4	SR4	9/11/2017 20:46	29.40	71.4	5.45	3.1
SR4	9/11/2017 2:51	28.73	70.2	5.37	3.3	SR4	9/11/2017 8:51	28.76	67.0	5.13	3.2	SR4	9/11/2017 14:51	29.38	75.3	5.76	8.1	SR4	9/11/2017 20:51	29.35	71.6	5.46	2.7
SR4	9/11/2017 2:56	28.73	72.0	5.51	3.3	SR4	9/11/2017 8:56	28.76	68.0	5.20	3.7	SR4	9/11/2017 14:56	29.40	76.4	5.84	6.0	SR4	9/11/2017 20:56	29.34	71.3	5.43	**10.4**
SR4	9/11/2017 3:01	28.72	71.0	5.44	5.2	SR4	9/11/2017 9:01	28.77	67.4	5.16	3.4	SR4	9/11/2017 15:01	29.44	76.6	5.86	5.9	SR4	9/11/2017 21:01	29.29	72.3	5.51	2.4
SR4	9/11/2017 3:06	28.70	71.7	5.49	4.4	SR4	9/11/2017 9:06	28.78	67.1	5.13	3.6	SR4	9/11/2017 15:06	29.46	76.9	5.88	6.7	SR4	9/11/2017 21:06	29.24	73.3	5.59	2.0
SR4	9/11/2017 3:11	28.68	71.0	5.44	3.6	SR4	9/11/2017 9:11	28.78	67.2	5.14	5.0	SR4	9/11/2017 15:11	29.47	77.2	5.90	6.0	SR4	9/11/2017 21:11	29.18	73.9	5.64	2.6
SR4	9/11/2017 3:16	28.65	70.6	5.42	4.4	SR4	9/11/2017 9:16	28.80	68.7	5.25	4.1	SR4	9/11/2017 15:16	29.45	77.1	5.90	6.9	SR4	9/11/2017 21:16	29.21	72.5	5.53	3.1
SR4	9/11/2017 3:21	28.63	70.1	5.37	3.1	SR4	9/11/2017 9:21	28.78	68.6	5.25	4.4	SR4	9/11/2017 15:21	29.43	75.9	5.81	5.4	SR4	9/11/2017 21:21	29.17	71.4	5.45	3.1
SR4	9/11/2017 3:26	28.60	69.9	5.35	3.8	SR4	9/11/2017 9:26	28.77	67.9	5.19	4.5	SR4	9/11/2017 15:26	29.38	73.3	5.61	6.3	SR4	9/11/2017 21:26	29.13	72.0	5.50	3.3
SR4	9/11/2017 3:31	28.58	69.6	5.34	3.6	SR4	9/11/2017 9:31	28.75	68.6	5.25	5.2	SR4	9/11/2017 15:31	29.21	71.5	5.48	7.2	SR4	9/11/2017 21:31	29.13	73.5	5.61	3.1
SR4	9/11/2017 3:36	28.57	68.7	5.27	3.4	SR4	9/11/2017 9:36	28.72	68.3	5.23	4.1	SR4	9/11/2017 15:36	29.24	72.4	5.55	0.7	SR4	9/11/2017 21:36	29.21	73.2	5.59	3.5
SR4	9/11/2017 3:41	28.55	68.8	5.28	2.9	SR4	9/11/2017 9:41	28.69	69.0	5.29	4.5	SR4	9/11/2017 15:41	29.37	74.3	5.69	8.0	SR4	9/11/2017 21:41	29.25	73.6	5.62	8.2
SR4	9/11/2017 3:46	28.54	69.2	5.30	2.8	SR4	9/11/2017 9:46	28.72	68.9	5.28	5.0	SR4	9/11/2017 15:46	29.39	76.6	5.86	6.2	SR4	9/11/2017 21:46	29.32	74.5	5.68	3.7
SR4	9/11/2017 3:51	28.55	69.3	5.31	3.6	SR4	9/11/2017 9:51	28.67	69.2	5.30	0.4	SR4	9/11/2017 15:51	29.37	75.5	5.78	8.5	SR4	9/11/2017 21:51	29.30	73.9	5.64	3.5
SR4	9/11/2017 3:56	28.56	69.5	5.33	3.6	SR4	9/11/2017 9:56	28.69	69.2	5.30	3.6	SR4	9/11/2017 15:56	29.43	74.9	5.72	6.2	SR4	9/11/2017 21:56	29.30	74.7	5.70	**13.2**
SR4	9/11/2017 4:01	28.56	69.5	5.33	4.4	SR4	9/11/2017 10:01	28.65	69.2	5.30	3.5	SR4	9/11/2017 16:01	29.47	72.7	5.57	9.1	SR4	9/11/2017 22:01	29.32	74.1	5.66	3.5
SR4	9/11/2017 4:06	28.57	68.7	5.27	4.0	SR4	9/11/2017 10:06	28.73	70.0	5.36	3.8	SR4	9/11/2017 16:06	29.61	73.5	5.63	8.8	SR4	9/11/2017 22:06	29.31	74.0	5.65	**16.3**
SR4	9/11/2017 4:11	28.58	68.5	5.26	2.8	SR4	9/11/2017 10:11	28.81	71.9	5.50	4.3	SR4	9/11/2017 16:11	29.79	74.2	5.68	7.2	SR4	9/11/2017 22:11	29.25	74.2	5.66	4.2
SR4	9/11/2017 4:16	28.56	68.8	5.28	2.9	SR4	9/11/2017 10:16	28.87	71.4	5.46	7.3	SR4	9/11/2017 16:16	29.77	73.2	5.61	7.0	SR4	9/11/2017 22:16	29.20	73.3	5.60	0.4
SR4	9/11/2017 4:21	28.56	68.7	5.27	0.4	SR4	9/11/2017 10:21	28.86	72.3	5.53	3.6	SR4	9/11/2017 16:21	29.79	72.5	5.55	6.7	SR4	9/11/2017 22:21	29.18	72.9	5.57	**14.8**
SR4	9/11/2017 4:26	28.57	68.5	5.26	2.2	SR4	9/11/2017 10:26	28.86	72.7	5.57	3.4	SR4	9/11/2017 16:26	29.67	73.1	5.60	6.4	SR4	9/11/2017 22:26	29.15	72.8	5.57	4.0
SR4	9/11/2017 4:31	28.62	69.3	5.31	2.3	SR4	9/11/2017 10:31	28.88	72.8	5.58	3.3	SR4	9/11/2017 16:31	29.67	72.4	5.54	4.0	SR4	9/11/2017 22:31	29.19	72.6	5.54	4.0
SR4	9/11/2017 4:36	28.64	68.9	5.28	2.7	SR4	9/11/2017 10:36	28.92	73.0	5.59	3.0	SR4	9/11/2017 16:36	29.63	71.8	5.50	3.1	SR4	9/11/2017 22:36	29.22	73.0	5.58	3.8
SR4	9/11/2017 4:41	28.65	68.9	5.29	2.9	SR4	9/11/2017 10:41	28.96	72.7	5.57	**32.6**	SR4	9/11/2017 16:41	29.50	71.8	5.49	6.7	SR4	9/11/2017 22:41	29.23	72.9	5.58	5.4
SR4	9/11/2017 4:46	28.74	69.2	5.30	2.0	SR4	9/11/2017 10:46	29.03	72.8	5.58	6.6	SR4	9/11/2017 16:46	29.53	72.4	5.54	4.6	SR4	9/11/2017 22:46	29.21	73.3	5.61	7.3
SR4	9/11/2017 4:51	28.86	69.3	5.31	3.1	SR4	9/11/2017 10:51	29.09	72.7	5.57	9.4	SR4	9/11/2017 16:51	29.60	72.3	5.53	3.0	SR4	9/11/2017 22:51	29.21	73.7	5.65	3.6
SR4	9/11/2017 4:56	28.89	68.8	5.27	3.3	SR4	9/11/2017 10:56	29.09	72.5	5.55	4.9	SR4	9/11/2017 16:56	29.60	72.4	5.53	4.3	SR4	9/11/2017 22:56	29.20	74.4	5.71	3.8
SR4	9/11/2017 5:01	28.94	68.8	5.27	6.8	SR4	9/11/2017 11:01	29.06	72.5	5.55	5.1	SR4	9/11/2017 17:01	29.70	73.4	5.61	1.1	SR4	9/11/2017 23:01	29.19	74.2	5.70	5.3
SR4	9/11/2017 5:06	28.95	68.5	5.25	2.9	SR4	9/11/2017 11:06	29.13	72.2	5.52	8.4	SR4	9/11/2017 17:06	29.79	73.5	5.61	5.4	SR4	9/11/2017 23:06	29.20	73.9	5.68	4.1
SR4	9/11/2017 5:11	28.91	68.3	5.24	3.4	SR4	9/11/2017 11:11	29.08	72.3	5.53	4.7	SR4	9/11/2017 17:11	29.81	72.7	5.54	2.7	SR4	9/11/2017 23:11	29.13	74.2	5.70	3.9
SR4	9/11/2017 5:16	28.85	67.9	5.20	3.4	SR4	9/11/2017 11:16	28.98	72.6	5.55	7.3	SR4	9/11/2017 17:16	29.81	72.9	5.55	3.1	SR4	9/11/2017 23:16	29.19	74.6	5.73	**10.3**
SR4	9/11/2017 5:21	28.81	68.2	5.23	6.2	SR4	9/11/2017 11:21	28.92	73.6	5.63	4.6	SR4	9/11/2017 17:21	29.88	72.8	5.55	7.4	SR4	9/11/2017 23:21	29.22	74.7	5.75	**10.7**
SR4	9/11/2017 5:26	28.79	67.9	5.20	3.7	SR4	9/11/2017 11:26	28.91	73.9	5.65	4.9	SR4	9/11/2017 17:26	29.85	72.9	5.57	2.3	SR4	9/11/2017 23:26	29.19	74.5	5.73	**15.2**
SR4	9/11/2017 5:31	28.77	68.1	5.22	4.4	SR4	9/11/2017 11:31	28.94	74.8	5.71	4.9	SR4	9/11/2017 17:31	29.84	72.5	5.52	1.8	SR4	9/11/2017 23:31	29.22	74.6	5.73	4.4
SR4	9/11/2017 5:36	28.76	68.1	5.22	**13.7**	SR4	9/11/2017 11:36	28.93	78.7	6.00	5.7	SR4	9/11/2017 17:36	29.83	72.9	5.55	5.9	SR4	9/11/2017 23:36	29.25	75.2	5.78	5.0
SR4	9/11/2017 5:41	28.76	68.7	5.27	3.6	SR4	9/11/2017 11:41	28.94	78.9	6.00	**15.2**	SR4	9/11/2017 17:41	29.83	72.9	5.55	2.5	SR4	9/11/2017 23:41	29.20	75.1	5.77	4.6
SR4	9/11/2017 5:46	28.76	68.3	5.24	3.4	SR4	9/11/2017 11:46	28.97	79.4	6.04	5.9	SR4	9/11/2017 17:46	29.82	73.0	5.55	0.3	SR4	9/11/2017 23:46	29.26	75.2	5.78	5.8
SR4	9/11/2017 5:51	28.77	67.8	5.19	3.8	SR4	9/11/2017 11:51	28.97	79.7	6.05	4.3	SR4	9/11/2017 17:51	29.78	73.1	5.57	2.3	SR4	9/11/2017 23:51	29.26	74.7	5.73	4.9
SR4	9/11/2017 5:56	28.76	67.6	5.18	2.0	SR4	9/11/2017 11:56	29.00	79.8	6.05	4.0	SR4	9/11/2017 17:56	29.89	73.4	5.58	2.7	SR4	9/11/2017 23:56	29.26	74.7	5.75	5.5

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR5	9/11/2017 0:00	28.78	79.5	5.89	1.5	SR5	9/11/2017 6:01	28.65	73.8	5.44	1.7	SR5	9/11/2017 12:00	28.96	77.7	5.68	1.9	SR5	9/11/2017 18:00	29.70	73.3	5.41	1.5
SR5	9/11/2017 0:05	28.77	79.3	5.87	1.5	SR5	9/11/2017 6:05	28.65	74.3	5.48	1.8	SR5	9/11/2017 12:05	29.09	77.2	5.64	2.0	SR5	9/11/2017 18:05	29.64	73.9	5.45	1.7
SR5	9/11/2017 0:10	28.77	78.3	5.80	1.5	SR5	9/11/2017 6:10	28.64	73.6	5.42	1.7	SR5	9/11/2017 12:10	29.03	77.1	5.63	2.3	SR5	9/11/2017 18:10	29.74	73.5	5.42	1.8
SR5	9/11/2017 0:15	28.77	79.5	5.89	1.5	SR5	9/11/2017 6:15	28.62	74.7	5.51	1.7	SR5	9/11/2017 12:15	29.06	78.3	5.72	2.1	SR5	9/11/2017 18:15	29.61	73.2	5.40	1.5
SR5	9/11/2017 0:20	28.77	79.8	5.92	1.5	SR5	9/11/2017 6:20	28.65	74.9	5.53	1.5	SR5	9/11/2017 12:20	29.04	78.5	5.73	2.0	SR5	9/11/2017 18:20	29.44	73.2	5.40	1.3
SR5	9/11/2017 0:25	28.76	78.8	5.83	2.4	SR5	9/11/2017 6:25	28.64	74.0	5.45	1.6	SR5	9/11/2017 12:25	28.91	78.2	5.70	2.0	SR5	9/11/2017 18:25	29.56	73.1	5.39	1.9
SR5	9/11/2017 0:30	28.75	78.4	5.79	1.5	SR5	9/11/2017 6:30	28.63	73.8	5.44	1.5	SR5	9/11/2017 12:30	28.88	77.2	5.64	1.9	SR5	9/11/2017 18:30	29.64	73.0	5.38	1.6
SR5	9/11/2017 0:35	28.73	77.7	5.73	1.5	SR5	9/11/2017 6:35	28.62	74.1	5.47	1.5	SR5	9/11/2017 12:35	28.83	76.9	5.62	1.9	SR5	9/11/2017 18:35	29.84	72.9	5.38	1.8
SR5	9/11/2017 0:40	28.72	77.1	5.69	1.9	SR5	9/11/2017 6:40	28.64	74.1	5.47	1.6	SR5	9/11/2017 12:40	28.81	76.6	5.60	2.9	SR5	9/11/2017 18:40	29.83	72.3	5.33	1.5
SR5	9/11/2017 0:45	28.69	76.4	5.63	1.3	SR5	9/11/2017 6:45	28.68	74.8	5.53	1.6	SR5	9/11/2017 12:45	28.85	77.2	5.65	2.1	SR5	9/11/2017 18:45	29.82	71.9	5.30	1.4
SR5	9/11/2017 0:50	28.64	76.0	5.60	1.5	SR5	9/11/2017 6:50	28.73	74.9	5.53	1.5	SR5	9/11/2017 12:50	29.00	77.7	5.67	2.1	SR5	9/11/2017 18:50	29.58	75.4	5.38	1.8
SR5	9/11/2017 0:55	28.64	77.7	5.75	1.5	SR5	9/11/2017 6:55	28.70	74.7	5.52	1.6	SR5	9/11/2017 12:55	29.04	76.1	5.62	2.0	SR5	9/11/2017 18:55	29.44	75.7	5.40	1.4
SR5	9/11/2017 1:00	28.64	75.2	5.51	1.7	SR5	9/11/2017 7:00	28.75	75.4	5.57	1.5	SR5	9/11/2017 13:00	29.05	77.0	5.68	2.0	SR5	9/11/2017 19:00	29.43	77.6	5.54	2.2
SR5	9/11/2017 1:05	28.62	76.9	5.67	1.7	SR5	9/11/2017 7:05	28.84	74.1	5.47	1.8	SR5	9/11/2017 13:05	29.11	76.8	5.68	3.4	SR5	9/11/2017 19:05	29.45	77.9	5.56	1.6
SR5	9/11/2017 1:10	28.58	76.9	5.68	1.9	SR5	9/11/2017 7:10	28.94	74.0	5.46	1.8	SR5	9/11/2017 13:10	29.10	76.3	5.65	2.4	SR5	9/11/2017 19:10	29.40	78.2	5.57	1.7
SR5	9/11/2017 1:15	28.58	77.1	5.69	1.9	SR5	9/11/2017 7:15	28.84	74.0	5.46	1.5	SR5	9/11/2017 13:15	29.14	76.1	5.63	2.1	SR5	9/11/2017 19:15	29.33	78.0	5.56	1.8
SR5	9/11/2017 1:20	28.59	77.1	5.68	1.7	SR5	9/11/2017 7:20	28.80	76.0	5.62	1.8	SR5	9/11/2017 13:20	29.17	75.0	5.56	2.3	SR5	9/11/2017 19:20	29.32	78.0	5.55	1.5
SR5	9/11/2017 1:25	28.63	77.3	5.70	1.6	SR5	9/11/2017 7:25	28.77	75.4	5.57	1.8	SR5	9/11/2017 13:25	29.25	76.8	5.69	2.1	SR5	9/11/2017 19:25	29.31	77.9	5.55	1.8
SR5	9/11/2017 1:30	28.61	76.8	5.66	1.6	SR5	9/11/2017 7:30	28.78	74.7	5.52	1.8	SR5	9/11/2017 13:30	29.22	75.3	5.58	2.0	SR5	9/11/2017 19:30	29.27	78.3	5.57	1.7
SR5	9/11/2017 1:35	28.60	75.2	5.56	1.6	SR5	9/11/2017 7:35	28.75	73.7	5.43	1.2	SR5	9/11/2017 13:35	29.35	74.9	5.55	2.4	SR5	9/11/2017 19:35	29.30	79.3	5.66	1.7
SR5	9/11/2017 1:40	28.60	75.7	5.61	1.6	SR5	9/11/2017 7:40	28.74	73.8	5.44	1.2	SR5	9/11/2017 13:40	29.32	75.0	5.57	2.3	SR5	9/11/2017 19:40	29.30	78.6	5.60	1.8
SR5	9/11/2017 1:45	28.60	76.3	5.66	1.7	SR5	9/11/2017 7:45	28.73	73.6	5.43	1.6	SR5	9/11/2017 13:45	29.34	74.9	5.55	2.2	SR5	9/11/2017 19:45	29.24	79.4	5.67	1.7
SR5	9/11/2017 1:50	28.59	74.5	5.52	1.1	SR5	9/11/2017 7:50	28.72	74.1	5.46	1.6	SR5	9/11/2017 13:50	29.40	74.5	5.53	3.0	SR5	9/11/2017 19:50	29.49	78.9	5.63	1.7
SR5	9/11/2017 1:55	28.63	74.5	5.52	1.4	SR5	9/11/2017 7:55	28.71	74.5	5.50	1.9	SR5	9/11/2017 13:55	29.59	75.4	5.59	2.3	SR5	9/11/2017 19:55	29.43	78.6	5.60	4.1
SR5	9/11/2017 2:00	28.60	73.9	5.46	1.1	SR5	9/11/2017 8:00	28.72	74.1	5.47	1.7	SR5	9/11/2017 14:00	29.61	75.3	5.59	2.4	SR5	9/11/2017 20:00	29.51	77.5	5.52	1.9
SR5	9/11/2017 2:05	28.67	72.6	5.37	1.6	SR5	9/11/2017 8:05	28.72	74.5	5.50	4.2	SR5	9/11/2017 14:05	29.55	75.8	5.62	2.0	SR5	9/11/2017 20:05	29.49	77.5	5.53	1.9
SR5	9/11/2017 2:10	28.69	72.4	5.35	1.6	SR5	9/11/2017 8:10	28.71	74.8	5.52	1.8	SR5	9/11/2017 14:10	29.32	77.4	5.73	2.1	SR5	9/11/2017 20:10	29.54	76.6	5.46	2.4
SR5	9/11/2017 2:15	28.69	71.1	5.26	1.5	SR5	9/11/2017 8:15	28.70	73.9	5.45	1.7	SR5	9/11/2017 14:15	29.33	78.0	5.76	2.9	SR5	9/11/2017 20:15	29.38	78.0	5.56	1.9
SR5	9/11/2017 2:20	28.70	72.4	5.36	1.6	SR5	9/11/2017 8:20	28.71	73.7	5.44	2.3	SR5	9/11/2017 14:20	29.27	76.1	5.62	2.0	SR5	9/11/2017 20:20	29.28	78.4	5.59	1.8
SR5	9/11/2017 2:25	28.71	71.5	5.29	1.6	SR5	9/11/2017 8:25	28.72	74.1	5.47	1.7	SR5	9/11/2017 14:25	29.31	75.1	5.55	1.9	SR5	9/11/2017 20:25	29.28	77.6	5.53	1.7
SR5	9/11/2017 2:30	28.73	72.1	5.32	1.6	SR5	9/11/2017 8:30	28.71	74.7	5.51	3.9	SR5	9/11/2017 14:30	29.35	72.8	5.38	2.0	SR5	9/11/2017 20:30	29.33	77.5	5.53	1.3
SR5	9/11/2017 2:35	28.74	71.6	5.29	1.6	SR5	9/11/2017 8:35	28.74	74.5	5.50	1.8	SR5	9/11/2017 14:35	29.35	72.4	5.35	1.8	SR5	9/11/2017 20:35	29.33	77.2	5.51	1.8
SR5	9/11/2017 2:40	28.76	72.0	5.32	1.7	SR5	9/11/2017 8:40	28.74	75.1	5.54	1.7	SR5	9/11/2017 14:40	29.26	73.0	5.40	2.3	SR5	9/11/2017 20:40	29.34	77.3	5.52	1.8
SR5	9/11/2017 2:45	28.73	72.3	5.35	1.6	SR5	9/11/2017 8:45	28.73	74.6	5.51	1.2	SR5	9/11/2017 14:45	29.24	74.4	5.50	1.5	SR5	9/11/2017 20:45	29.28	77.5	5.53	1.8
SR5	9/11/2017 2:50	28.74	71.5	5.29	1.6	SR5	9/11/2017 8:50	28.73	74.9	5.52	1.7	SR5	9/11/2017 14:50	29.33	74.1	5.49	2.6	SR5	9/11/2017 20:50	29.27	77.2	5.51	1.7
SR5	9/11/2017 2:55	28.74	72.9	5.39	1.6	SR5	9/11/2017 8:55	28.74	75.3	5.55	1.8	SR5	9/11/2017 14:55	29.38	74.5	5.51	2.3	SR5	9/11/2017 20:55	29.22	77.0	5.49	3.1
SR5	9/11/2017 3:00	28.73	72.4	5.36	2.0	SR5	9/11/2017 9:00	28.75	75.4	5.56	1.7	SR5	9/11/2017 15:00	29.38	75.1	5.56	2.3	SR5	9/11/2017 21:00	29.23	78.1	5.57	1.7
SR5	9/11/2017 3:05	28.68	72.4	5.36	1.8	SR5	9/11/2017 9:05	28.76	74.7	5.51	1.8	SR5	9/11/2017 15:05	29.39	75.2	5.57	2.4	SR5	9/11/2017 21:05	29.24	73.1	5.40	1.6
SR5	9/11/2017 3:10	28.68	72.3	5.35	1.7	SR5	9/11/2017 9:10	28.76	76.1	5.61	2.0	SR5	9/11/2017 15:10	29.41	75.0	5.55	2.3	SR5	9/11/2017 21:10	29.26	73.2	5.41	1.7
SR5	9/11/2017 3:15	28.64	71.9	5.33	1.8	SR5	9/11/2017 9:15	28.75	77.5	5.73	1.9	SR5	9/11/2017 15:15	29.29	75.3	5.57	2.4	SR5	9/11/2017 21:15	29.25	72.6	5.36	1.8
SR5	9/11/2017 3:20	28.62	71.5	5.29	1.6	SR5	9/11/2017 9:20	28.75	75.9	5.61	1.9	SR5	9/11/2017 15:20	29.20	74.9	5.54	2.2	SR5	9/11/2017 21:20	29.25	72.6	5.36	1.8
SR5	9/11/2017 3:25	28.61	71.7	5.30	1.7	SR5	9/11/2017 9:25	28.74	75.7	5.59	1.9	SR5	9/11/2017 15:25	29.10	73.5	5.44	2.3	SR5	9/11/2017 21:25	29.30	72.9	5.39	1.8
SR5	9/11/2017 3:30	28.59	71.4	5.29	1.7	SR5	9/11/2017 9:30	28.74	76.7	5.66	2.0	SR5	9/11/2017 15:30	29.08	72.8	5.39	2.5	SR5	9/11/2017 21:30	29.29	73.9	5.46	1.8
SR5	9/11/2017 3:35	28.57	70.8	5.24	1.7	SR5	9/11/2017 9:35	28.70	76.2	5.63	1.9	SR5	9/11/2017 15:35	29.16	72.8	5.39	1.4	SR5	9/11/2017 21:35	29.32	73.4	5.42	1.9
SR5	9/11/2017 3:40	28.55	71.2	5.27	1.6	SR5	9/11/2017 9:40	28.67	75.4	5.56	1.9	SR5	9/11/2017 15:40	29.25	74.1	5.48	2.6	SR5	9/11/2017 21:40	29.35	73.1	5.40	2.7
SR5	9/11/2017 3:45	28.58	71.4	5.28	1.6	SR5	9/11/2017 9:45	28.63	75.5	5.57	2.0	SR5	9/11/2017 15:45	29.22	75.4	5.58	2.3	SR5	9/11/2017 21:45	29.32	73.9	5.46	1.9
SR5	9/11/2017 3:50	28.58	71.0	5.25	1.7	SR5	9/11/2017 9:50	28.61	75.5	5.57	1.2	SR5	9/11/2017 15:50	29.26	74.2	5.50	2.7	SR5	9/11/2017 21:50	29.38	73.7	5.45	1.9
SR5	9/11/2017 3:55	28.59	71.2	5.27	1.7	SR5	9/11/2017 9:55	28.60	75.3	5.55	1.8	SR5	9/11/2017 15:55	29.33	74.4	5.50	2.3	SR5	9/11/2017 21:55	29.43	74.0	5.47	3.6
SR5	9/11/2017 4:00	28.59	71.9	5.32	1.8	SR5	9/11/2017 10:00	28.73	75.1	5.53	1.7	SR5	9/11/2017 16:00	29.38	73.5	5.44	2.8	SR5	9/11/2017 22:00	29.32	74.0	5.47	1.9
SR5	9/11/2017 4:05	28.59	71.4	5.28	1.8	SR5	9/11/2017 10:05	28.77	75.3	5.55	1.8	SR5	9/11/2017 16:05	29.64	73.4	5.43	2.8	SR5	9/11/2017 22:05	29.25	70.3	**5.11**	4.1
SR5	9/11/2017 4:10	28.58	70.8	5.24	1.6	SR5	9/11/2017 10:10	28.82	75.8	5.58	1.9	SR5	9/11/2017 16:10	29.57	73.9	5.47	2.5	SR5	9/11/2017 22:10	29.20	75.6	5.49	2.0
SR5	9/11/2017 4:15	28.57	71.5	5.29	1.6	SR5	9/11/2017 10:15	28.83	75.7	5.57	2.4	SR5	9/11/2017 16:15	29.75	72.9	5.40	2.5	SR5	9/11/2017 22:15	29.21	75.5	5.49	1.4
SR5	9/11/2017 4:20	28.58	71.5	5.29	1.2	SR5	9/11/2017 10:20	28.80	76.3	5.62	1.8	SR5	9/11/2017 16:20	29.65	73.2	5.42	2.4	SR5	9/11/2017 22:20	29.18	74.7	5.43	3.8
SR5	9/11/2017 4:25	28.60	71.2	5.27	1.5	SR5	9/11/2017 10:25	28.80	74.9	5.52	1.7	SR5	9/11/2017 16:25	29.58	72.9	5.40	2.3	SR5	9/11/2017 22:25	29.23	75.6	5.49	2.0
SR5	9/11/2017 4:30	28.67	71.0	5.25	1.5	SR5	9/11/2017 10:30	28.80	75.5	5.57	1.7	SR5	9/11/2017 16:30	29.52	72.9	5.39	1.9	SR5	9/11/2017 22:30	29.26	75.1	5.46	2.0
SR5	9/11/2017 4:35	28.65	71.2	5.27	1.6	SR5	9/11/2017 10:35	28.77	75.0	5.52	1.7	SR5	9/11/2017 16:35	29.44	72.5	5.37	1.8	SR5	9/11/2017 22:35	29.27	76.6	5.57	2.0
SR5	9/11/2017 4:40	28.69	70.8	5.24	1.6	SR5	9/11/2017 10:40	28.81	74.3	5.47	6.8	SR5	9/11/2017 16:40	29.38	72.9	5.39	2.4	SR5	9/11/2017 22:40	29.25	76.4	5.56	2.2
SR5	9/11/2017 4:45	28.92	71.4	5.28	5.3	SR5	9/11/2017 10:45	28.87	73.8	5.43	2.3	SR5	9/11/2017 16:45	29.53	72.6	5.37	2.0	SR5	9/11/2017 22:45	29.24	75.9	5.52	2.5
SR5	9/11/2017 4:50	28.90	71.4	5.28	1.6	SR5	9/11/2017 10:50	28.91	72.2	5.30	2.8	SR5	9/11/2017 16:50	29.56	73.2	5.41	1.8	SR5	9/11/2017 22:50	29.23	76.4	5.56	1.9
SR5	9/11/2017 4:55	28.94	70.9	5.24	1.7	SR5	9/11/2017 10:55	28.89	72.1	5.29	2.0	SR5	9/11/2017 16:55	29.56	73.1	5.40	2.0	SR5	9/11/2017 22:55	29.25	76.8	5.60	1.9
SR5	9/11/2017 5:00	28.98	70.9	5.24	2.3	SR5	9/11/2017 11:00	28.89	72.6	5.32	2.0	SR5	9/11/2017 17:00	29.64	73.3	5.42	1.4	SR5	9/11/2017 23:00	29.25	77.0	5.61	2.2
SR5	9/11/2017 5:05	28.91	71.0	5.25	1.6	SR5	9/11/2017 11:05	28.88	71.5	5.24	2.6	SR5	9/11/2017 17:05	29.71	73.2	5.41	2.2	SR5	9/11/2017 23:05	29.28	76.4	5.57	2.0
SR5	9/11/2017 5:10	28.88	70.9	5.24	1.7	SR5	9/11/2017 11:10	28.88	72.9	5.39	2.0	SR5	9/11/2017 17:10	29.71	72.8	5.37	1.7	SR5	9/11/2017 23:10	29.30	75.4	5.49	1.9
SR5	9/11/2017 5:15	28.83	72.8	5.36	1.7	SR5	9/11/2017 11:15	28.83	74.1	5.43	2.4	SR5	9/11/2017 17:15	29.77	73.4	5.41	1.8	SR5	9/11/2017 23:15	29.31	77.2	5.63	3.0
SR5	9/11/2017 5:20	28.79	73.9	5.44	2.2	SR5	9/11/2017 11:20	28.81	74.6	5.48	2.0	SR5	9/11/2017 17:20	29.79	73.1	5.40	2.5	SR5	9/11/2017 23:20	29.31	79.9	5.83	3.1
SR5	9/11/2017 5:25	28.80	72.9	5.36	1.7	SR5	9/11/2017 11:25	28.78	75.1	5.50	2.0	SR5	9/11/2017 17:25	29.79	73.1	5.40	1.6	SR5	9/11/2017 23:25	29.31	78.4	5.72	3.9
SR5	9/11/2017 5:30	28.76	72.3	5.32	1.9	SR5	9/11/2017 11:30	28.77	75.4	5.52	2.0	SR5	9/11/2017 17:30	29.76	72.9	5.38	1.6	SR5	9/11/2017 23:30	29.32	77.4	5.64	2.0
SR5	9/11/2017 5:35	28.76	71.9	5.29	3.5	SR5	9/11/2017 11:35	28.84	76.4	5.59	2.1	SR5	9/11/2017 17:35	29.69	72.7	5.37	2.3	SR5	9/11/2017 23:35	29.29	77.2	5.63	2.1
SR5	9/11/2017 5:40	28.76	72.1	5.30	1.7	SR5	9/11/2017 11:40	28.85	76.7	5.61	3.8	SR5	9/11/2017 17:40	29.70	72.9	5.38	1.7	SR5	9/11/2017 23:40	29.29	77.3	5.64	2.0
SR5	9/11/2017 5:45	28.77	73.6	5.43	1.7	SR5	9/11/2017 11:45	28.85	76.3	5.58	2.2	SR5	9/11/2017 17:45	29.69	73.5	5.42	1.3	SR5	9/11/2017 23:45	29.30	77.4	5.65	2.2
SR5	9/11/2017 5:50	28.77	73.6	5.42	1.8	SR5	9/11/2017 11:50	28.91	76.6	5.60	1.9	SR5	9/11/2017 17:50	29.72	73.6	5.43	1.6	SR5	9/11/2017 23:50	29.28	76.7	5.59	2.0
SR5	9/11/2017 5:55	28.75	73.1	5.38	2.8	SR5	9/11/2017 11:55	28.97	78.6	5.74	1.9	SR5	9/11/2017 17:55	29.71	73.3	5.41	1.7	SR5	9/11/2017 23:55	29.25	76.8	5.61	2.1

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR12	9/11/2017 0:01	28.80	73.2	5.43	7.1	SR12	9/11/2017 6:01	28.70	68.1	5.04	8.8	SR12	9/11/2017 12:01	29.02	71.7	5.30	9.4	SR12	9/11/2017 18:01	29.68	68.0	5.03	7.6
SR12	9/11/2017 0:06	28.78	73.2	5.43	7.5	SR12	9/11/2017 6:06	28.71	67.7	5.01	7.4	SR12	9/11/2017 12:06	29.13	71.1	5.26	8.5	SR12	9/11/2017 18:06	29.62	68.4	5.06	7.9
SR12	9/11/2017 0:11	28.78	71.5	5.31	7.4	SR12	9/11/2017 6:11	28.69	68.3	5.05	9.4	SR12	9/11/2017 12:11	29.03	70.0	5.18	8.0	SR12	9/11/2017 18:11	29.65	68.7	5.08	8.7
SR12	9/11/2017 0:16	28.78	75.6	5.60	7.6	SR12	9/11/2017 6:16	28.68	67.4	4.99	8.0	SR12	9/11/2017 12:16	28.94	70.7	5.23	9.2	SR12	9/11/2017 18:16	29.48	68.8	5.08	9.8
SR12	9/11/2017 0:21	28.77	75.3	5.58	8.6	SR12	9/11/2017 6:21	28.68	68.0	5.03	7.2	SR12	9/11/2017 12:21	28.98	71.3	5.27	7.4	SR12	9/11/2017 18:21	29.37	68.1	5.04	9.8
SR12	9/11/2017 0:26	28.76	73.4	5.44	8.9	SR12	9/11/2017 6:26	28.66	65.6	4.86	8.4	SR12	9/11/2017 12:26	28.89	71.5	5.28	9.1	SR12	9/11/2017 18:26	29.45	69.2	5.11	8.4
SR12	9/11/2017 0:31	28.75	73.0	5.41	8.5	SR12	9/11/2017 6:31	28.64	67.5	5.00	8.9	SR12	9/11/2017 12:31	28.97	71.9	5.32	9.5	SR12	9/11/2017 18:31	29.56	68.5	5.06	8.5
SR12	9/11/2017 0:36	28.73	74.1	5.50	8.0	SR12	9/11/2017 6:36	28.64	67.2	4.97	9.4	SR12	9/11/2017 12:36	28.95	70.1	5.19	9.6	SR12	9/11/2017 18:36	29.81	67.8	5.02	9.6
SR12	9/11/2017 0:41	28.73	77.3	5.72	7.1	SR12	9/11/2017 6:41	28.64	67.9	5.02	7.7	SR12	9/11/2017 12:41	28.87	70.3	5.20	8.5	SR12	9/11/2017 18:41	29.81	68.0	5.03	7.6
SR12	9/11/2017 0:46	28.68	71.8	5.33	9.4	SR12	9/11/2017 6:46	28.68	66.1	4.90	8.8	SR12	9/11/2017 12:46	28.88	70.7	5.24	7.4	SR12	9/11/2017 18:46	29.77	67.6	5.00	7.4
SR12	9/11/2017 0:51	28.64	70.2	5.21	8.8	SR12	9/11/2017 6:51	28.76	67.8	5.02	7.2	SR12	9/11/2017 12:51	29.03	72.5	5.36	9.7	SR12	9/11/2017 18:51	29.54	67.3	4.97	9.1
SR12	9/11/2017 0:56	28.63	72.5	5.38	7.6	SR12	9/11/2017 6:56	28.81	65.5	4.85	7.7	SR12	9/11/2017 12:56	29.05	70.6	5.23	7.6	SR12	9/11/2017 18:56	29.42	67.3	4.97	7.6
SR12	9/11/2017 1:01	28.65	73.9	5.47	8.9	SR12	9/11/2017 7:01	28.83	65.8	4.87	8.3	SR12	9/11/2017 13:01	29.08	72.7	5.38	9.0	SR12	9/11/2017 19:01	29.46	67.7	5.01	8.6
SR12	9/11/2017 1:06	28.63	75.2	5.58	7.1	SR12	9/11/2017 7:06	28.86	67.4	4.99	9.0	SR12	9/11/2017 13:06	29.12	71.3	5.28	9.1	SR12	9/11/2017 19:06	29.50	68.6	5.07	7.7
SR12	9/11/2017 1:11	28.58	73.8	5.47	8.4	SR12	9/11/2017 7:11	28.92	66.7	4.94	8.0	SR12	9/11/2017 13:11	29.08	70.7	5.24	8.5	SR12	9/11/2017 19:11	29.47	67.4	4.98	8.6
SR12	9/11/2017 1:16	28.59	74.4	5.51	7.3	SR12	9/11/2017 7:16	28.85	67.8	5.02	7.7	SR12	9/11/2017 13:16	29.08	72.4	5.37	7.7	SR12	9/11/2017 19:16	29.35	67.2	4.97	9.1
SR12	9/11/2017 1:21	28.56	75.9	5.62	7.3	SR12	9/11/2017 7:21	28.79	66.7	4.94	7.6	SR12	9/11/2017 13:21	29.06	69.2	5.14	7.6	SR12	9/11/2017 19:21	29.34	67.2	4.96	7.9
SR12	9/11/2017 1:26	28.61	76.9	5.69	8.6	SR12	9/11/2017 7:26	28.78	67.3	4.98	7.3	SR12	9/11/2017 13:26	29.24	72.7	5.39	8.6	SR12	9/11/2017 19:26	29.35	67.4	4.98	8.3
SR12	9/11/2017 1:31	28.61	76.2	5.64	7.0	SR12	9/11/2017 7:31	28.78	67.7	5.01	8.1	SR12	9/11/2017 13:31	29.29	68.4	5.08	7.4	SR12	9/11/2017 19:31	29.31	68.1	5.03	9.7
SR12	9/11/2017 1:36	28.59	75.4	5.58	7.6	SR12	9/11/2017 7:36	28.76	65.9	4.87	7.2	SR12	9/11/2017 13:36	29.36	70.3	5.22	7.9	SR12	9/11/2017 19:36	29.32	69.3	5.13	7.7
SR12	9/11/2017 1:41	28.60	72.4	5.37	7.8	SR12	9/11/2017 7:41	28.75	65.3	4.83	7.4	SR12	9/11/2017 13:41	29.44	70.6	5.25	9.5	SR12	9/11/2017 19:41	29.37	68.3	5.04	8.9
SR12	9/11/2017 1:46	28.60	76.1	5.64	8.5	SR12	9/11/2017 7:46	28.73	66.0	4.88	9.1	SR12	9/11/2017 13:46	29.44	69.0	5.13	9.7	SR12	9/11/2017 19:46	29.32	68.9	5.10	9.1
SR12	9/11/2017 1:51	28.60	73.0	5.41	9.0	SR12	9/11/2017 7:51	28.73	67.1	4.96	9.5	SR12	9/11/2017 13:51	29.46	70.4	5.23	9.0	SR12	9/11/2017 19:51	29.48	69.1	5.11	8.0
SR12	9/11/2017 1:56	28.63	73.5	5.44	7.5	SR12	9/11/2017 7:56	28.68	66.3	4.91	9.5	SR12	9/11/2017 13:56	29.56	69.8	5.19	7.8	SR12	9/11/2017 19:56	29.36	68.7	5.07	7.4
SR12	9/11/2017 2:01	28.61	69.0	5.11	8.5	SR12	9/11/2017 8:01	28.67	66.3	4.91	9.5	SR12	9/11/2017 14:01	29.62	68.8	5.13	8.7	SR12	9/11/2017 20:01	29.45	67.8	5.01	8.2
SR12	9/11/2017 2:06	28.68	72.4	5.36	8.8	SR12	9/11/2017 8:06	28.71	65.9	4.88	9.3	SR12	9/11/2017 14:06	29.60	70.9	5.28	8.9	SR12	9/11/2017 20:06	29.45	68.3	5.05	9.1
SR12	9/11/2017 2:11	28.70	74.0	5.47	9.0	SR12	9/11/2017 8:11	28.72	67.3	4.98	7.5	SR12	9/11/2017 14:11	29.38	71.9	5.34	7.9	SR12	9/11/2017 20:11	29.33	66.9	4.95	9.4
SR12	9/11/2017 2:16	28.70	67.6	5.01	8.0	SR12	9/11/2017 8:16	28.73	67.1	4.96	8.2	SR12	9/11/2017 14:16	29.29	71.9	5.33	9.6	SR12	9/11/2017 20:16	29.25	68.4	5.05	7.7
SR12	9/11/2017 2:21	28.70	70.3	5.21	8.5	SR12	9/11/2017 8:21	28.74	67.5	5.00	8.7	SR12	9/11/2017 14:21	29.28	71.7	5.31	8.0	SR12	9/11/2017 20:21	29.20	68.2	5.04	8.7
SR12	9/11/2017 2:26	28.72	72.0	5.32	9.2	SR12	9/11/2017 8:26	28.76	65.7	4.87	8.0	SR12	9/11/2017 14:26	29.29	70.6	5.23	9.4	SR12	9/11/2017 20:26	29.25	67.7	5.01	8.0
SR12	9/11/2017 2:31	28.74	72.2	5.33	9.0	SR12	9/11/2017 8:31	28.78	66.1	4.89	7.6	SR12	9/11/2017 14:31	29.28	68.9	5.10	8.4	SR12	9/11/2017 20:31	29.29	68.3	5.05	8.7
SR12	9/11/2017 2:36	28.75	72.0	5.32	8.4	SR12	9/11/2017 8:36	28.79	66.6	4.93	7.0	SR12	9/11/2017 14:36	29.26	66.6	4.93	8.5	SR12	9/11/2017 20:36	29.32	68.7	5.08	8.3
SR12	9/11/2017 2:41	28.77	66.7	4.94	9.5	SR12	9/11/2017 8:41	28.78	67.2	4.98	8.6	SR12	9/11/2017 14:41	29.24	66.5	4.93	8.1	SR12	9/11/2017 20:41	29.32	68.2	5.04	9.1
SR12	9/11/2017 2:46	28.77	67.6	5.02	8.5	SR12	9/11/2017 8:46	28.75	67.9	5.03	9.0	SR12	9/11/2017 14:46	29.16	69.6	5.16	7.5	SR12	9/11/2017 20:46	29.27	69.0	5.10	9.0
SR12	9/11/2017 2:51	28.76	68.9	5.10	8.2	SR12	9/11/2017 8:51	28.76	66.1	4.89	8.3	SR12	9/11/2017 14:51	29.30	70.1	5.20	8.5	SR12	9/11/2017 20:51	29.26	68.0	5.03	9.2
SR12	9/11/2017 2:56	28.76	70.1	5.19	8.0	SR12	9/11/2017 8:56	28.76	66.6	4.93	8.0	SR12	9/11/2017 14:56	29.29	68.9	5.11	8.7	SR12	9/11/2017 20:56	29.30	70.3	5.19	9.2
SR12	9/11/2017 3:01	28.74	73.7	5.45	7.9	SR12	9/11/2017 9:01	28.80	66.7	4.94	8.8	SR12	9/11/2017 15:01	29.20	69.3	5.15	8.6	SR12	9/11/2017 21:01	29.26	68.5	5.07	7.8
SR12	9/11/2017 3:06	28.71	73.0	5.40	9.2	SR12	9/11/2017 9:06	28.80	66.8	4.94	8.3	SR12	9/11/2017 15:06	28.99	69.3	5.15	9.0	SR12	9/11/2017 21:06	29.25	72.0	5.32	8.5
SR12	9/11/2017 3:11	28.69	68.8	5.10	8.9	SR12	9/11/2017 9:11	28.80	67.0	4.96	7.0	SR12	9/11/2017 15:11	29.09	71.2	5.28	9.0	SR12	9/11/2017 21:11	29.28	73.3	5.42	8.7
SR12	9/11/2017 3:16	28.65	72.4	5.36	8.8	SR12	9/11/2017 9:16	28.80	68.6	5.07	7.5	SR12	9/11/2017 15:16	29.12	69.8	5.18	7.9	SR12	9/11/2017 21:16	29.31	71.9	5.31	8.8
SR12	9/11/2017 3:21	28.64	67.6	5.01	7.3	SR12	9/11/2017 9:21	28.79	68.3	5.05	8.2	SR12	9/11/2017 15:21	29.14	70.8	5.25	8.3	SR12	9/11/2017 21:21	29.33	71.2	5.26	8.9
SR12	9/11/2017 3:26	28.63	68.6	5.08	7.7	SR12	9/11/2017 9:26	28.78	67.3	4.98	8.2	SR12	9/11/2017 15:26	29.00	69.2	5.13	8.0	SR12	9/11/2017 21:26	29.36	72.4	5.35	8.3
SR12	9/11/2017 3:31	28.60	69.3	5.13	8.6	SR12	9/11/2017 9:31	28.75	66.6	4.93	9.0	SR12	9/11/2017 15:31	28.97	66.9	4.96	7.9	SR12	9/11/2017 21:31	29.38	73.8	5.45	9.8
SR12	9/11/2017 3:36	28.59	69.9	5.18	7.9	SR12						SR12	9/11/2017 15:36	29.02	68.0	5.05	7.9	SR12	9/11/2017 21:36	29.44	73.7	5.44	8.6
SR12	9/11/2017 3:41	28.57	70.6	5.23	8.3	SR12						SR12	9/11/2017 15:41	29.10	68.7	5.10	8.9	SR12	9/11/2017 21:41	29.46	73.2	5.41	8.4
SR12	9/11/2017 3:46	28.59	67.7	5.02	8.0	SR12						SR12	9/11/2017 15:46	29.13	69.4	5.15	8.4	SR12	9/11/2017 21:46	29.42	73.4	5.42	8.8
SR12	9/11/2017 3:51	28.59	71.6	5.29	8.2	SR12						SR12	9/11/2017 15:51	29.20	69.5	5.16	8.7	SR12	9/11/2017 21:51	29.49	73.6	5.44	9.7
SR12	9/11/2017 3:56	28.60	67.3	4.99	7.5	SR12						SR12	9/11/2017 15:56	29.22	69.8	5.17	9.1	SR12	9/11/2017 21:56	29.42	75.2	5.56	9.3
SR12	9/11/2017 4:01	28.60	70.1	5.19	7.5	SR12						SR12	9/11/2017 16:01	29.26	68.9	5.11	7.5	SR12	9/11/2017 22:01	29.30	74.3	5.49	8.7
SR12	9/11/2017 4:06	28.61	72.2	5.34	9.2	SR12						SR12	9/11/2017 16:06	29.55	68.8	5.11	8.8	SR12	9/11/2017 22:06	29.25	76.2	5.63	8.9
SR12	9/11/2017 4:11	28.60	71.1	5.26	9.4	SR12						SR12	9/11/2017 16:11	29.47	70.0	5.19	7.6	SR12	9/11/2017 22:11	29.21	79.1	5.83	9.4
SR12	9/11/2017 4:16	28.59	71.7	5.31	9.3	SR12						SR12	9/11/2017 16:16	29.72	67.8	5.03	7.4	SR12	9/11/2017 22:16	29.22	78.6	5.80	7.8
SR12	9/11/2017 4:21	28.61	66.4	4.92	8.8	SR12						SR12	9/11/2017 16:21	29.48	68.1	5.05	8.8	SR12	9/11/2017 22:21	29.19	76.4	5.64	8.8
SR12	9/11/2017 4:26	28.62	70.7	5.23	7.1	SR12						SR12	9/11/2017 16:26	29.39	68.6	5.09	8.5	SR12	9/11/2017 22:26	29.20	77.7	5.74	8.4
SR12	9/11/2017 4:31	28.69	71.6	5.29	7.2	SR12						SR12	9/11/2017 16:31	29.23	69.0	5.11	8.3	SR12	9/11/2017 22:31	29.25	77.0	5.68	9.8
SR12	9/11/2017 4:36	28.71	68.2	5.05	8.4	SR12						SR12	9/11/2017 16:36	29.13	67.1	4.98	7.4	SR12	9/11/2017 22:36	29.29	77.8	5.74	8.8
SR12	9/11/2017 4:41	28.71	69.8	5.17	9.4	SR12						SR12	9/11/2017 16:41	29.13	68.3	5.06	8.3	SR12	9/11/2017 22:41	29.26	77.5	5.72	9.8
SR12	9/11/2017 4:46	28.89	69.3	5.13	8.0	SR12						SR12	9/11/2017 16:46	29.34	67.9	5.04	8.1	SR12	9/11/2017 22:46	29.27	78.3	5.78	8.5
SR12	9/11/2017 4:51	28.89	71.7	5.30	7.9	SR12						SR12	9/11/2017 16:51	29.52	68.4	5.07	8.4	SR12	9/11/2017 22:51	29.24	78.1	5.77	9.4
SR12	9/11/2017 4:56	28.90	70.8	5.23	9.0	SR12	9/11/2017 10:56	28.89	68.6	5.09	7.3	SR12	9/11/2017 16:56	29.56	67.1	4.97	8.8	SR12	9/11/2017 22:56	29.28	78.2	5.78	8.2
SR12	9/11/2017 5:01	28.92	69.5	5.14	7.5	SR12	9/11/2017 11:01	28.90	69.9	5.18	8.9	SR12	9/11/2017 17:01	29.58	67.5	5.01	9.8	SR12	9/11/2017 23:01	29.18	78.8	5.83	9.4
SR12	9/11/2017 5:06	28.92	66.9	4.96	8.8	SR12	9/11/2017 11:06	28.89	67.9	5.03	9.3	SR12	9/11/2017 17:06	29.57	68.0	5.04	8.1	SR12	9/11/2017 23:06	29.31	79.8	5.90	8.6
SR12	9/11/2017 5:11	28.89	69.6	5.15	8.8	SR12	9/11/2017 11:11	28.88	68.4	5.07	8.7	SR12	9/11/2017 17:11	29.59	69.0	5.10	8.8	SR12	9/11/2017 23:11	29.32	80.3	5.94	8.6
SR12	9/11/2017 5:16	28.85	67.9	5.02	7.0	SR12	9/11/2017 11:16	28.84	68.5	5.08	7.7	SR12	9/11/2017 17:16	29.73	68.5	5.06	7.9	SR12	9/11/2017 23:16	29.33	80.1	5.92	9.0
SR12	9/11/2017 5:21	28.81	71.4	5.28	7.3	SR12	9/11/2017 11:21	28.81	69.9	5.18	8.3	SR12	9/11/2017 17:21	29.75	67.9	5.02	9.0	SR12	9/11/2017 23:21	29.33	80.5	5.96	9.5
SR12	9/11/2017 5:26	28.80	67.5	5.00	9.3	SR12	9/11/2017 11:26	28.79	69.9	5.18	8.5	SR12	9/11/2017 17:26	29.77	67.7	5.02	8.5	SR12	9/11/2017 23:26	29.33	80.6	5.96	8.2
SR12	9/11/2017 5:31	28.77	72.1	5.33	8.9	SR12	9/11/2017 11:31	28.79	69.3	5.13	8.7	SR12	9/11/2017 17:31	29.74	67.8	5.02	8.2	SR12	9/11/2017 23:31	29.33	79.5	5.88	9.5
SR12	9/11/2017 5:36	28.77	68.9	5.10	8.7	SR12	9/11/2017 11:36	28.81	70.2	5.21	9.4	SR12	9/11/2017 17:36	29.69	68.9	5.09	**16.2**	SR12	9/11/2017 23:36	29.30	79.8	5.91	8.1
SR12	9/11/2017 5:41	28.77	68.1	5.05	8.8	SR12	9/11/2017 11:41	28.81	70.9	5.25	8.2	SR12	9/11/2017 17:41	29.69	68.1	5.04	9.8	SR12	9/11/2017 23:41	29.30	81.2	6.00	8.0
SR12	9/11/2017 5:46	28.77	71.5	5.29	9.5	SR12	9/11/2017 11:46	28.83	71.5	5.29	8.1	SR12	9/11/2017 17:46	29.64	67.7	5.01	9.0	SR12	9/11/2017 23:46	29.32	81.2	6.01	7.4
SR12	9/11/2017 5:51	28.77	71.8	5.30	8.6	SR12	9/11/2017 11:51	28.91	72.2	5.34	9.0	SR12	9/11/2017 17:51	29.71	68.1	5.04	9.0	SR12	9/11/2017 23:51	29.31	81.1	5.99	9.3
SR12	9/11/2017 5:56	28.76	66.7	4.94	8.8	SR12	9/11/2017 11:56	29.00	71.2	5.26	7.8	SR12	9/11/2017 17:56	29.63	68.1	5.03	7.9	SR12	9/11/2017 23:56	29.28	81.4	6.02	8.0

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR13	9/11/2017 0:00	28.91	71.3	5.19	8.2	SR13	9/11/2017 6:01	28.82	68.9	5.01	8.1	SR13	9/11/2017 12:00	29.11	67.9	4.94	7.8	SR13	9/11/2017 18:00	29.78	66.5	4.84	8.3
SR13	9/11/2017 0:05	28.84	73.1	5.32	9.2	SR13	9/11/2017 6:05	28.79	68.6	4.99	8.1	SR13	9/11/2017 12:05	29.12	67.6	4.92	7.9	SR13	9/11/2017 18:05	29.87	66.3	4.82	6.7
SR13	9/11/2017 0:10	28.84	72.9	5.31	7.8	SR13	9/11/2017 6:10	28.67	68.7	4.99	7.5	SR13	9/11/2017 12:10	29.11	68.1	4.95	6.9	SR13	9/11/2017 18:10	29.78	67.6	4.92	7.0
SR13	9/11/2017 0:15	28.93	74.3	5.41	7.7	SR13	9/11/2017 6:15	28.62	68.7	5.00	7.8	SR13	9/11/2017 12:15	29.03	68.4	4.98	8.3	SR13	9/11/2017 18:15	29.77	67.6	4.91	7.1
SR13	9/11/2017 0:20	28.90	73.5	5.35	7.6	SR13	9/11/2017 6:20	28.75	68.5	4.98	7.7	SR13	9/11/2017 12:20	29.13	67.6	4.92	7.1	SR13	9/11/2017 18:20	29.62	68.6	4.99	7.4
SR13	9/11/2017 0:25	28.87	72.1	5.25	7.8	SR13	9/11/2017 6:25	28.68	68.4	4.97	7.7	SR13	9/11/2017 12:25	29.14	68.1	4.95	7.1	SR13	9/11/2017 18:25	29.67	68.7	4.99	7.0
SR13	9/11/2017 0:30	28.76	72.6	5.29	7.4	SR13	9/11/2017 6:30	28.82	68.5	4.98	7.4	SR13	9/11/2017 12:30	28.98	68.1	4.96	7.1	SR13	9/11/2017 18:30	29.69	68.8	5.00	7.5
SR13	9/11/2017 0:35	28.91	72.6	5.29	8.4	SR13	9/11/2017 6:35	28.67	68.5	4.98	7.5	SR13	9/11/2017 12:35	29.03	67.4	4.91	7.9	SR13	9/11/2017 18:35	29.92	67.8	4.93	7.4
SR13	9/11/2017 0:40	28.79	72.3	5.27	8.8	SR13	9/11/2017 6:40	28.74	69.5	5.05	8.1	SR13	9/11/2017 12:40	29.06	67.9	4.94	7.8	SR13	9/11/2017 18:40	29.89	68.0	4.94	7.5
SR13	9/11/2017 0:45	28.86	73.2	5.33	9.5	SR13	9/11/2017 6:45	28.74	68.2	4.96	7.3	SR13	9/11/2017 12:45	28.98	68.1	4.96	8.1	SR13	9/11/2017 18:45	29.91	68.5	4.98	7.0
SR13	9/11/2017 0:50	28.76	71.7	5.22	9.1	SR13	9/11/2017 6:50	28.84	69.2	5.03	6.9	SR13	9/11/2017 12:50	29.17	68.8	5.01	8.0	SR13	9/11/2017 18:50	29.79	66.6	4.84	7.9
SR13	9/11/2017 0:55	28.64	72.0	5.24	8.3	SR13	9/11/2017 6:55	28.78	68.2	4.96	9.2	SR13	9/11/2017 12:55	29.25	67.4	4.91	7.8	SR13	9/11/2017 18:55	29.58	67.9	4.93	6.6
SR13	9/11/2017 1:00	28.79	73.0	5.31	8.4	SR13	9/11/2017 7:00	28.80	67.8	4.93	8.0	SR13	9/11/2017 13:00	29.18	68.6	5.00	7.1	SR13	9/11/2017 19:00	29.52	67.5	4.91	8.8
SR13	9/11/2017 1:05	28.65	71.5	5.21	8.4	SR13	9/11/2017 7:05	28.84	68.4	4.97	7.5	SR13	9/11/2017 13:05	29.15	67.7	4.93	7.1	SR13	9/11/2017 19:05	29.45	68.6	4.98	7.9
SR13	9/11/2017 1:10	28.60	71.2	5.19	8.6	SR13	9/11/2017 7:10	29.11	67.5	4.91	9.0	SR13	9/11/2017 13:10	29.25	67.4	4.91	8.2	SR13	9/11/2017 19:10	29.40	68.0	4.94	8.0
SR13	9/11/2017 1:15	28.67	74.4	5.41	7.5	SR13	9/11/2017 7:15	29.00	69.5	5.05	8.9	SR13	9/11/2017 13:15	29.30	68.8	5.01	6.9	SR13	9/11/2017 19:15	29.41	67.9	4.93	7.7
SR13	9/11/2017 1:20	28.73	74.4	5.41	6.8	SR13	9/11/2017 7:20	28.92	68.4	4.98	8.4	SR13	9/11/2017 13:20	29.20	66.5	4.85	7.3	SR13	9/11/2017 19:20	29.49	66.9	4.86	8.0
SR13	9/11/2017 1:25	28.70	73.8	5.37	8.0	SR13	9/11/2017 7:25	28.86	69.0	5.01	8.9	SR13	9/11/2017 13:25	29.36	68.9	5.02	7.5	SR13	9/11/2017 19:25	29.44	67.6	4.91	6.3
SR13	9/11/2017 1:30	28.71	73.1	5.32	7.4	SR13	9/11/2017 7:30	28.78	68.9	5.01	8.5	SR13	9/11/2017 13:30	29.27	65.9	4.81	6.5	SR13	9/11/2017 19:30	29.45	67.3	4.89	8.0
SR13	9/11/2017 1:35	28.79	73.7	5.36	8.1	SR13	9/11/2017 7:35	28.76	67.9	4.93	7.3	SR13	9/11/2017 13:35	29.56	67.5	4.92	8.4	SR13	9/11/2017 19:35	29.45	69.0	5.02	7.3
SR13	9/11/2017 1:40	28.60	71.9	5.23	7.2	SR13	9/11/2017 7:40	28.74	67.5	4.91	7.2	SR13	9/11/2017 13:40	29.51	67.0	4.89	7.3	SR13	9/11/2017 19:40	29.40	68.5	4.97	7.3
SR13	9/11/2017 1:45	28.79	73.4	5.34	7.2	SR13	9/11/2017 7:45	28.85	68.6	4.98	7.9	SR13	9/11/2017 13:45	29.62	66.4	4.84	7.3	SR13	9/11/2017 19:45	29.44	69.1	5.02	8.0
SR13	9/11/2017 1:50	28.73	73.0	5.31	7.4	SR13	9/11/2017 7:50	28.72	67.9	4.93	7.5	SR13	9/11/2017 13:50	29.70	67.0	4.89	7.9	SR13	9/11/2017 19:50	29.51	68.4	4.97	7.3
SR13	9/11/2017 1:55	28.67	70.7	5.15	7.7	SR13	9/11/2017 7:55	28.87	68.9	5.01	6.8	SR13	9/11/2017 13:55	29.80	67.0	4.89	8.4	SR13	9/11/2017 19:55	29.42	67.5	4.90	7.7
SR13	9/11/2017 2:00	28.66	70.9	5.15	7.7	SR13	9/11/2017 8:00	28.69	68.4	4.97	8.2	SR13	9/11/2017 14:00	29.82	66.8	4.88	7.4	SR13	9/11/2017 20:00	29.54	67.6	4.91	7.2
SR13	9/11/2017 2:05	28.82	72.1	5.25	7.2	SR13	9/11/2017 8:05	28.88	68.5	4.98	7.5	SR13	9/11/2017 14:05	29.74	67.3	4.91	7.1	SR13	9/11/2017 20:05	29.49	68.3	4.97	8.7
SR13	9/11/2017 2:10	28.84	72.9	5.30	8.4	SR13	9/11/2017 8:10	28.83	68.3	4.97	6.2	SR13	9/11/2017 14:10	29.46	67.8	4.95	7.8	SR13	9/11/2017 20:10	29.43	67.5	4.91	8.2
SR13	9/11/2017 2:15	28.75	69.5	5.06	7.9	SR13	9/11/2017 8:15	28.76	68.6	4.98	6.6	SR13	9/11/2017 14:15	29.56	67.8	4.94	8.9	SR13	9/11/2017 20:15	29.40	68.7	4.99	7.1
SR13	9/11/2017 2:20	28.86	68.8	5.01	7.0	SR13	9/11/2017 8:20	28.90	67.8	4.93	7.5	SR13	9/11/2017 14:20	29.46	68.1	4.96	8.1	SR13	9/11/2017 20:20	29.31	68.4	4.97	8.7
SR13	9/11/2017 2:25	28.87	72.0	5.23	6.4	SR13	9/11/2017 8:25	28.76	68.6	4.99	6.9	SR13	9/11/2017 14:25	29.46	67.5	4.91	7.3	SR13	9/11/2017 20:25	29.49	68.9	5.01	7.1
SR13	9/11/2017 2:30	28.92	71.3	5.18	8.1	SR13	9/11/2017 8:30	28.76	67.7	4.92	7.6	SR13	9/11/2017 14:30	29.40	66.7	4.86	8.5	SR13	9/11/2017 20:30	29.39	68.3	4.96	7.7
SR13	9/11/2017 2:35	28.80	70.9	5.15	7.2	SR13	9/11/2017 8:35	28.89	68.7	5.00	7.4	SR13	9/11/2017 14:35	29.46	65.0	4.73	7.5	SR13	9/11/2017 20:35	29.55	69.4	5.04	7.9
SR13	9/11/2017 2:40	28.89	69.2	5.03	7.2	SR13	9/11/2017 8:40	28.86	68.6	4.99	7.6	SR13	9/11/2017 14:40	29.39	65.3	4.75	9.0	SR13	9/11/2017 20:40	29.44	69.1	5.02	6.8
SR13	9/11/2017 2:45	28.83	69.1	5.03	7.6	SR13	9/11/2017 8:45	28.80	68.0	4.95	7.2	SR13	9/11/2017 14:45	29.30	67.8	4.94	8.0	SR13	9/11/2017 20:45	29.36	68.6	4.99	8.2
SR13	9/11/2017 2:50	28.94	70.0	5.09	7.9	SR13	9/11/2017 8:50	28.86	67.6	4.91	8.2	SR13	9/11/2017 14:50	29.46	67.0	4.88	7.2	SR13	9/11/2017 20:50	29.31	68.5	4.98	7.2
SR13	9/11/2017 2:55	28.80	72.0	5.23	6.9	SR13	9/11/2017 8:55	28.83	67.6	4.91	7.3	SR13	9/11/2017 14:55	29.53	67.5	4.92	8.1	SR13	9/11/2017 20:55	29.39	69.2	5.03	8.0
SR13	9/11/2017 3:00	28.91	72.9	5.30	7.9	SR13	9/11/2017 9:00	28.77	68.4	4.98	8.3	SR13	9/11/2017 15:00	29.47	66.7	4.86	7.4	SR13	9/11/2017 21:00	29.43	69.1	5.03	8.0
SR13	9/11/2017 3:05	28.86	73.8	5.37	7.3	SR13	9/11/2017 9:05	28.97	67.5	4.91	8.4	SR13	9/11/2017 15:05	29.30	66.7	4.87	9.0	SR13	9/11/2017 21:05	29.39	70.4	5.12	8.0
SR13	9/11/2017 3:10	28.82	71.1	5.17	8.0	SR13	9/11/2017 9:10	28.83	67.2	4.89	7.4	SR13	9/11/2017 15:10	29.43	67.8	4.94	7.4	SR13	9/11/2017 21:10	29.38	71.0	5.16	7.1
SR13	9/11/2017 3:15	28.81	71.2	5.18	7.1	SR13	9/11/2017 9:15	28.88	68.3	4.97	7.9	SR13	9/11/2017 15:15	29.35	68.0	4.95	8.1	SR13	9/11/2017 21:15	29.32	70.2	5.10	7.1
SR13	9/11/2017 3:20	28.75	71.1	5.17	6.6	SR13	9/11/2017 9:20	28.97	68.5	4.98	8.3	SR13						SR13	9/11/2017 21:20	29.29	70.4	5.12	8.3
SR13	9/11/2017 3:25	28.67	68.1	4.95	7.3	SR13	9/11/2017 9:25	28.91	66.3	4.82	7.9	SR13						SR13	9/11/2017 21:25	29.33	70.8	5.15	8.0
SR13	9/11/2017 3:30	28.71	71.6	5.21	8.1	SR13	9/11/2017 9:30	28.76	66.9	4.86	7.1	SR13						SR13	9/11/2017 21:30	29.45	71.9	5.23	8.2
SR13	9/11/2017 3:35	28.70	69.7	5.07	7.5	SR13	9/11/2017 9:35	28.77	67.0	4.87	6.2	SR13	9/11/2017 15:35	29.34	67.1	4.89	8.2	SR13	9/11/2017 21:35	29.43	71.8	5.22	8.9
SR13	9/11/2017 3:40	28.68	69.7	5.07	6.9	SR13	9/11/2017 9:40	28.89	67.1	4.88	7.8	SR13	9/11/2017 15:40	29.39	67.2	4.90	6.9	SR13	9/11/2017 21:40	29.50	71.1	5.17	7.1
SR13	9/11/2017 3:45	28.68	68.4	4.98	7.1	SR13	9/11/2017 9:45	28.88	66.3	4.82	8.2	SR13	9/11/2017 15:45	29.38	67.6	4.92	7.6	SR13	9/11/2017 21:45	29.50	71.7	5.21	7.8
SR13	9/11/2017 3:50	28.76	73.1	5.31	7.0	SR13	9/11/2017 9:50	28.65	67.4	4.90	7.0	SR13	9/11/2017 15:50	29.39	67.8	4.94	7.7	SR13	9/11/2017 21:50	29.42	71.3	5.19	6.9
SR13	9/11/2017 3:55	28.71	70.8	5.15	8.1	SR13	9/11/2017 9:55	28.71	65.8	4.79	6.8	SR13	9/11/2017 15:55	29.48	67.5	4.92	6.9	SR13	9/11/2017 21:55	29.50	72.4	5.27	7.2
SR13	9/11/2017 4:00	28.76	69.4	5.05	8.3	SR13	9/11/2017 10:00	28.79	68.4	4.97	7.4	SR13	9/11/2017 16:00	29.46	66.8	4.87	7.2	SR13	9/11/2017 22:00	29.34	72.2	5.25	6.9
SR13	9/11/2017 4:05	28.70	69.8	5.08	6.7	SR13	9/11/2017 10:05	28.83	68.4	4.98	6.8	SR13	9/11/2017 16:05	29.60	67.1	4.89	6.4	SR13	9/11/2017 22:05	29.45	73.2	5.32	8.1
SR13	9/11/2017 4:10	28.63	71.5	5.20	7.4	SR13	9/11/2017 10:10	28.91	68.6	4.99	6.9	SR13	9/11/2017 16:10	29.69	68.1	4.96	7.2	SR13	9/11/2017 22:10	29.28	74.6	5.42	7.2
SR13	9/11/2017 4:15	28.64	70.0	5.10	7.5	SR13	9/11/2017 10:15	28.85	67.6	4.92	8.1	SR13	9/11/2017 16:15	29.75	67.0	4.88	8.5	SR13	9/11/2017 22:15	29.25	74.0	5.38	7.4
SR13	9/11/2017 4:20	28.78	69.8	5.08	7.9	SR13	9/11/2017 10:20	29.00	67.1	4.89	8.5	SR13	9/11/2017 16:20	29.79	66.0	4.81	7.9	SR13	9/11/2017 22:20	29.18	72.5	5.27	7.5
SR13	9/11/2017 4:25	28.75	69.0	5.02	7.2	SR13	9/11/2017 10:25	28.96	68.3	4.97	7.1	SR13	9/11/2017 16:25	29.69	67.0	4.88	8.1	SR13	9/11/2017 22:25	29.20	73.9	5.38	7.5
SR13	9/11/2017 4:30	28.79	71.5	5.19	8.8	SR13	9/11/2017 10:30	29.00	67.6	4.92	7.9	SR13	9/11/2017 16:30	29.53	66.5	4.84	8.7	SR13	9/11/2017 22:30	29.41	73.0	5.31	7.9
SR13	9/11/2017 4:35	28.79	68.1	4.95	7.9	SR13	9/11/2017 10:35	28.87	67.5	4.91	8.1	SR13	9/11/2017 16:35	29.52	66.4	4.84	7.8	SR13	9/11/2017 22:35	29.35	73.9	5.37	7.6
SR13	9/11/2017 4:40	28.70	69.3	5.04	7.1	SR13	9/11/2017 10:40	28.98	68.4	4.98	7.5	SR13	9/11/2017 16:40	29.45	67.4	4.90	6.8	SR13	9/11/2017 22:40	29.26	73.9	5.37	8.5
SR13	9/11/2017 4:45	28.90	70.0	5.09	8.1	SR13	9/11/2017 10:45	29.01	68.1	4.96	8.2	SR13	9/11/2017 16:45	29.53	66.6	4.85	7.2	SR13	9/11/2017 22:45	29.35	74.2	5.40	8.5
SR13	9/11/2017 4:50	29.02	72.0	5.23	7.0	SR13	9/11/2017 10:50	29.02	66.8	4.87	8.4	SR13	9/11/2017 16:50	29.59	66.9	4.87	8.0	SR13	9/11/2017 22:50	29.31	74.4	5.41	7.5
SR13	9/11/2017 4:55	28.95	69.9	5.08	7.3	SR13	9/11/2017 10:55	29.03	67.4	4.91	8.3	SR13	9/11/2017 16:55	29.77	65.8	4.79	7.0	SR13	9/11/2017 22:55	29.31	74.3	5.40	7.3
SR13	9/11/2017 5:00	29.10	71.8	5.22	7.5	SR13	9/11/2017 11:00	29.14	66.6	4.85	7.1	SR13	9/11/2017 17:00	29.69	66.9	4.87	7.3	SR13	9/11/2017 23:00	29.36	74.4	5.42	7.1
SR13	9/11/2017 5:05	29.10	69.0	5.02	7.8	SR13	9/11/2017 11:05	29.05	66.1	4.81	7.3	SR13	9/11/2017 17:05	29.77	66.6	4.85	7.5	SR13	9/11/2017 23:05	29.39	74.6	5.43	7.5
SR13	9/11/2017 5:10	29.04	69.4	5.05	8.2	SR13	9/11/2017 11:10	29.05	66.1	4.81	8.5	SR13	9/11/2017 17:10	29.83	67.1	4.88	7.0	SR13	9/11/2017 23:10	29.42	75.2	5.47	7.4
SR13	9/11/2017 5:15	28.99	70.4	5.11	7.5	SR13	9/11/2017 11:15	28.92	67.3	4.90	7.4	SR13	9/11/2017 17:15	29.80	66.1	4.81	8.3	SR13	9/11/2017 23:15	29.36	75.3	5.48	7.5
SR13	9/11/2017 5:20	29.00	72.8	5.29	7.6	SR13	9/11/2017 11:20	28.86	67.9	4.94	7.0	SR13	9/11/2017 17:20	29.86	66.1	4.81	7.7	SR13	9/11/2017 23:20	29.39	75.3	5.49	7.4
SR13	9/11/2017 5:25	28.96	67.9	4.94	8.4	SR13	9/11/2017 11:25	28.84	67.0	4.88	6.9	SR13	9/11/2017 17:25	29.96	66.1	4.81	7.4	SR13	9/11/2017 23:25	29.43	74.6	5.43	8.7
SR13	9/11/2017 5:30	28.90	71.4	5.19	7.3	SR13	9/11/2017 11:30	28.84	66.7	4.85	8.2	SR13	9/11/2017 17:30	29.88	67.0	4.88	8.1	SR13	9/11/2017 23:30	29.32	75.0	5.46	6.7
SR13	9/11/2017 5:35	28.78	68.6	4.99	7.1	SR13	9/11/2017 11:35	28.91	66.7	4.86	7.8	SR13	9/11/2017 17:35	29.94	66.9	4.86	7.6	SR13	9/11/2017 23:35	29.32	75.1	5.47	8.6
SR13	9/11/2017 5:40	28.79	68.1	4.96	7.4	SR13	9/11/2017 11:40	29.06	67.2	4.89	7.5	SR13	9/11/2017 17:40	29.91	67.3	4.90	7.4	SR13	9/11/2017 23:40	29.40	75.5	5.49	7.8
SR13	9/11/2017 5:45	28.82	71.0	5.16	8.1	SR13	9/11/2017 11:45	28.97	68.5	4.99	8.0	SR13	9/11/2017 17:45	29.88	65.9	4.79	7.1	SR13	9/11/2017 23:45	29.49	75.3	5.48	7.2
SR13	9/11/2017 5:50	28.95	71.6	5.20	8.2	SR13	9/11/2017 11:50	29.04	69.0	5.02	7.5	SR13	9/11/2017 17:50	29.79	67.3	4.89	7.5	SR13	9/11/2017 23:50	29.35	75.2	5.47	7.7
SR13	9/11/2017 5:55	28.86	68.6	4.99	8.1	SR13	9/11/2017 11:55	29.08	67.8	4.93	7.0	SR13	9/11/2017 17:55	29.89	66.3	4.82	7.3	SR13	9/11/2017 23:55	29.31	75.7	5.51	8.1

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	9/11/2017 0:17	0.11				SR12	9/11/2017 0:17	0.09			
SR4	9/11/2017 0:37	0.11				SR12	9/11/2017 0:37	0.07			
SR4	9/11/2017 0:57	0.12				SR12	9/11/2017 0:57	0.07			
SR4	9/11/2017 1:17	0.11				SR12	9/11/2017 1:17	0.06			
SR4	9/11/2017 1:37	0.10				SR12	9/11/2017 1:37	0.08			
SR4	9/11/2017 1:57	0.09				SR12	9/11/2017 1:57	0.08			
SR4	9/11/2017 2:17	0.11				SR12	9/11/2017 2:17	0.09			
SR4	9/11/2017 2:37	0.10				SR12	9/11/2017 2:37	0.10			
SR4	9/11/2017 2:57	0.10				SR12	9/11/2017 2:57	0.10			
SR4	9/11/2017 3:17	0.10				SR12	9/11/2017 3:17	0.09			
SR4	9/11/2017 3:37	0.12				SR12	9/11/2017 3:37	0.10			
SR4	9/11/2017 3:57	0.11				SR12	9/11/2017 3:57	0.09			
SR4	9/11/2017 4:17	0.12				SR12	9/11/2017 4:17	0.09			
SR4	9/11/2017 4:37	0.13				SR12	9/11/2017 4:37	0.08			
SR4	9/11/2017 4:57	0.12				SR12	9/11/2017 4:57	0.08			
SR4	9/11/2017 5:17	0.13				SR12	9/11/2017 5:17	0.09			
SR4	9/11/2017 5:37	0.11				SR12	9/11/2017 5:37	0.08			
SR4	9/11/2017 5:57	0.11				SR12	9/11/2017 5:57	0.07			
SR4						SR12					
SR4	9/11/2017 6:37	0.11				SR12	9/11/2017 6:37	0.06			
SR4	9/11/2017 6:57	0.10				SR12	9/11/2017 6:57	0.08			
SR4	9/11/2017 7:17	0.09				SR12	9/11/2017 7:17	0.09			
SR4	9/11/2017 7:37	0.11				SR12	9/11/2017 7:37	0.08			
SR4	9/11/2017 7:57	0.11				SR12	9/11/2017 7:57	0.07			
SR4	9/11/2017 8:17	0.12				SR12	9/11/2017 8:17	0.09			
SR4	9/11/2017 8:37	0.12				SR12	9/11/2017 8:37	0.09			
SR4	9/11/2017 8:57	0.11				SR12	9/11/2017 8:57	0.08			
SR4	9/11/2017 9:17	0.12				SR12	9/11/2017 9:17	0.07			
SR4	9/11/2017 9:37	0.12				SR12					
SR4	9/11/2017 9:57	0.11				SR12					
SR4	9/11/2017 10:17	0.10				SR12					
SR4	9/11/2017 10:37	0.12				SR12					
SR4	9/11/2017 10:57	0.11				SR12					
SR4	9/11/2017 11:17	0.12				SR12	9/11/2017 11:17	0.09			
SR4	9/11/2017 11:37	0.12				SR12	9/11/2017 11:37	0.08			
SR4	9/11/2017 11:57	0.12				SR12	9/11/2017 11:57	0.09			
SR4						SR12	9/11/2017 12:17	0.08			
SR4						SR12	9/11/2017 12:37	0.07			
SR4						SR12	9/11/2017 12:57	0.08			
SR4						SR12	9/11/2017 13:17	0.09			
SR4	9/11/2017 13:37	0.11				SR12	9/11/2017 13:37	0.10			
SR4	9/11/2017 13:57	0.12				SR12	9/11/2017 13:57	0.10			
SR4	9/11/2017 14:17	0.13				SR12	9/11/2017 14:17	0.09			
SR4	9/11/2017 14:37	0.12				SR12	9/11/2017 14:37	0.08			
SR4	9/11/2017 14:57	0.13				SR12	9/11/2017 14:57	0.09			
SR4	9/11/2017 15:17	0.12				SR12	9/11/2017 15:17	0.10			
SR4	9/11/2017 15:37	0.13				SR12	9/11/2017 15:37	0.10			
SR4	9/11/2017 15:57	0.11				SR12	9/11/2017 15:57	0.09			
SR4	9/11/2017 16:17	0.11				SR12	9/11/2017 16:17	0.08			
SR4	9/11/2017 16:37	0.11				SR12	9/11/2017 16:37	0.07			
SR4	9/11/2017 16:57	0.12				SR12	9/11/2017 16:57	0.07			
SR4	9/11/2017 17:17	0.12				SR12	9/11/2017 17:17	0.07			
SR4	9/11/2017 17:37	0.13				SR12	9/11/2017 17:37	0.07			
SR4	9/11/2017 17:57	0.13				SR12	9/11/2017 17:57	0.08			
SR4	9/11/2017 18:17	0.13				SR12	9/11/2017 18:17	0.08			
SR4	9/11/2017 18:37	0.11				SR12	9/11/2017 18:37	0.09			
SR4	9/11/2017 18:57	0.10				SR12	9/11/2017 18:57	0.08			
SR4	9/11/2017 19:17	0.11				SR12	9/11/2017 19:17	0.09			
SR4	9/11/2017 19:37	0.11				SR12	9/11/2017 19:37	0.10			
SR4	9/11/2017 19:57	0.12				SR12	9/11/2017 19:57	0.10			
SR4	9/11/2017 20:17	0.12				SR12	9/11/2017 20:17	0.08			
SR4	9/11/2017 20:37	0.11				SR12	9/11/2017 20:37	0.09			
SR4	9/11/2017 20:57	0.10				SR12	9/11/2017 20:57	0.07			
SR4	9/11/2017 21:17	0.10				SR12	9/11/2017 21:17	0.06			
SR4	9/11/2017 21:37	0.12				SR12	9/11/2017 21:37	0.08			
SR4	9/11/2017 21:57	0.11				SR12	9/11/2017 21:57	0.09			
SR4	9/11/2017 22:17	0.12				SR12	9/11/2017 22:17	0.09			
SR4	9/11/2017 22:37	0.13				SR12	9/11/2017 22:37	0.08			
SR4	9/11/2017 22:57	0.11				SR12	9/11/2017 22:57	0.09			
SR4	9/11/2017 23:17	0.11				SR12	9/11/2017 23:17	0.09			
SR4	9/11/2017 23:37	0.11				SR12	9/11/2017 23:37	0.07			
SR4	9/11/2017 23:57	0.12				SR12	9/11/2017 23:57	0.06			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.
SR4 monitoring station was under maintenance during 12:06-13:11.
SR12 monitoring station was under maintenance during 9:31-10:56.
SR13 monitoring station was under maintenance during 15:15-15:35.

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR4	9/12/2017 0:01	29.23	75.1	5.78	4.7	SR4	9/12/2017 6:01	29.01	68.0	5.20	7.7	SR4	9/12/2017 12:01	28.68	73.2	5.60	9.0	SR4	9/12/2017 18:01	28.95	103.4	7.78	7.7
SR4	9/12/2017 0:06	29.20	75.6	5.81	4.5	SR4	9/12/2017 6:06	28.97	68.4	5.24	7.5	SR4	9/12/2017 12:06	28.69	74.0	5.65	**11.1**	SR4	9/12/2017 18:06	28.84	102.8	7.73	8.9
SR4	9/12/2017 0:11	29.19	75.5	5.81	4.9	SR4	9/12/2017 6:11	28.94	68.5	5.24	7.6	SR4	9/12/2017 12:11	28.63	74.1	5.65	8.1	SR4	9/12/2017 18:11	28.85	105.9	7.96	9.5
SR4	9/12/2017 0:16	29.16	76.0	5.85	5.1	SR4	9/12/2017 6:16	28.91	68.0	5.20	7.8	SR4	9/12/2017 12:16	28.63	75.4	5.75	9.4	SR4	9/12/2017 18:16	28.85	102.6	7.72	9.2
SR4	9/12/2017 0:21	29.00	76.6	5.89	1.8	SR4	9/12/2017 6:21	28.90	66.9	5.12	**12.6**	SR4	9/12/2017 12:21	28.92	75.9	5.79	**10.5**	SR4	9/12/2017 18:21	28.96	104.5	7.88	8.7
SR4	9/12/2017 0:26	29.06	77.1	5.94	4.4	SR4	9/12/2017 6:26	28.93	66.3	5.08	**12.3**	SR4	9/12/2017 12:26	28.86	78.0	5.94	**10.6**	SR4	9/12/2017 18:26	28.77	104.7	7.90	9.1
SR4	9/12/2017 0:31	29.18	77.4	5.96	4.9	SR4	9/12/2017 6:31	28.91	66.7	5.11	8.8	SR4	9/12/2017 12:31	28.98	78.7	5.99	8.3	SR4	9/12/2017 18:31	28.85	105.8	7.99	8.6
SR4	9/12/2017 0:36	29.19	78.7	6.06	4.8	SR4	9/12/2017 6:36	28.69	66.9	5.13	**12.6**	SR4	9/12/2017 12:36	28.84	77.4	5.89	**11.4**	SR4	9/12/2017 18:36	28.84	105.5	7.97	8.7
SR4	9/12/2017 0:41	29.15	77.9	6.00	4.2	SR4	9/12/2017 6:41	28.72	67.4	5.16	**29.2**	SR4	9/12/2017 12:41	28.85	78.6	5.98	**11.6**	SR4	9/12/2017 18:41	28.87	105.3	7.97	9.4
SR4	9/12/2017 0:46	29.12	79.1	6.08	4.0	SR4	9/12/2017 6:46	28.79	67.3	5.15	7.3	SR4	9/12/2017 12:46	28.83	80.1	6.07	9.2	SR4	9/12/2017 18:46	28.84	103.8	7.85	8.7
SR4	9/12/2017 0:51	29.11	79.0	6.08	3.5	SR4	9/12/2017 6:51	28.71	66.8	5.12	8.5	SR4	9/12/2017 12:51	28.83	80.8	6.13	7.6	SR4	9/12/2017 18:51	28.68	102.4	7.74	8.8
SR4	9/12/2017 0:56	29.07	79.5	6.13	5.7	SR4	9/12/2017 6:56	28.77	66.6	5.10	8.3	SR4	9/12/2017 12:56	28.65	81.0	6.14	8.5	SR4	9/12/2017 18:56	29.71	104.6	7.91	9.7
SR4	9/12/2017 1:01	29.05	79.6	6.12	5.0	SR4	9/12/2017 7:01	28.82	66.7	5.11	6.9	SR4	9/12/2017 13:01	28.58	81.5	6.18	8.7	SR4	9/12/2017 19:01	28.72	105.9	8.01	9.4
SR4	9/12/2017 1:06	29.05	79.3	6.11	6.4	SR4	9/12/2017 7:06	28.88	67.4	5.16	6.3	SR4	9/12/2017 13:06	28.54	81.6	6.18	7.7	SR4	9/12/2017 19:06	28.73	105.5	7.98	9.6
SR4	9/12/2017 1:11	29.02	78.5	6.04	6.2	SR4	9/12/2017 7:11	28.91	67.8	5.19	6.3	SR4	9/12/2017 13:11	28.60	81.6	6.18	**10.5**	SR4	9/12/2017 19:11	28.65	102.1	7.73	7.3
SR4	9/12/2017 1:16	28.97	79.8	6.14	5.0	SR4	9/12/2017 7:16	28.90	67.8	5.18	9.3	SR4	9/12/2017 13:16	28.61	83.5	6.32	8.4	SR4	9/12/2017 19:16	28.84	105.6	7.99	9.8
SR4	9/12/2017 1:21	28.92	79.4	6.11	8.5	SR4	9/12/2017 7:21	28.97	67.1	5.13	**11.2**	SR4	9/12/2017 13:21	28.73	83.5	6.32	7.0	SR4	9/12/2017 19:21	28.80	105.5	7.99	9.4
SR4	9/12/2017 1:26	28.91	78.9	6.06	5.3	SR4	9/12/2017 7:26	29.03	66.6	5.09	6.6	SR4	9/12/2017 13:26	28.56	82.2	6.22	9.9	SR4	9/12/2017 19:26	28.65	105.3	7.97	8.3
SR4	9/12/2017 1:31	28.93	80.1	6.16	5.3	SR4	9/12/2017 7:31	29.04	67.2	5.13	6.0	SR4	9/12/2017 13:31	28.65	82.1	6.21	7.3	SR4	9/12/2017 19:31	28.68	104.6	7.92	9.0
SR4	9/12/2017 1:36	28.93	78.9	6.06	9.5	SR4	9/12/2017 7:36	29.00	66.6	5.09	7.8	SR4	9/12/2017 13:36	28.69	82.6	6.24	9.9	SR4	9/12/2017 19:36	28.70	105.1	7.96	6.9
SR4	9/12/2017 1:41	28.94	78.9	6.06	5.9	SR4	9/12/2017 7:41	28.94	66.2	5.07	6.9	SR4	9/12/2017 13:41	28.65	83.6	6.34	8.6	SR4	9/12/2017 19:41	28.68	105.0	7.96	8.5
SR4	9/12/2017 1:46	28.98	81.8	6.30	**11.1**	SR4	9/12/2017 7:46	29.00	66.9	5.11	6.0	SR4	9/12/2017 13:46	28.71	80.6	6.12	8.3	SR4	9/12/2017 19:46	28.71	100.9	7.64	7.7
SR4	9/12/2017 1:51	28.95	82.0	6.31	5.1	SR4	9/12/2017 7:51	29.00	66.9	5.12	8.8	SR4	9/12/2017 13:51	28.77	78.9	6.01	**10.0**	SR4	9/12/2017 19:51	28.59	101.5	7.70	8.8
SR4	9/12/2017 1:56	28.99	79.3	6.10	**13.9**	SR4	9/12/2017 7:56	28.98	66.8	5.11	7.7	SR4	9/12/2017 13:56	28.88	78.7	6.00	8.4	SR4	9/12/2017 19:56	28.71	96.7	7.32	7.7
SR4	9/12/2017 2:01	29.00	80.1	6.16	4.7	SR4	9/12/2017 8:01	28.99	66.7	5.11	6.5	SR4	9/12/2017 14:01	29.01	78.1	5.96	**10.5**	SR4	9/12/2017 20:01	28.62	95.3	7.22	9.1
SR4	9/12/2017 2:06	29.02	77.2	5.91	8.8	SR4	9/12/2017 8:06	28.99	66.8	5.11	8.3	SR4	9/12/2017 14:06	28.99	80.1	6.10	7.4	SR4	9/12/2017 20:06	28.74	93.3	7.07	7.3
SR4	9/12/2017 2:11	29.03	75.9	5.81	6.1	SR4	9/12/2017 8:11	29.04	66.9	5.12	7.1	SR4	9/12/2017 14:11	28.80	81.2	6.17	9.6	SR4	9/12/2017 20:11	28.53	83.8	6.35	7.1
SR4	9/12/2017 2:16	29.05	75.5	5.79	7.3	SR4	9/12/2017 8:16	29.09	66.4	5.08	8.9	SR4	9/12/2017 14:16	28.64	81.8	6.20	7.7	SR4	9/12/2017 20:16	28.70	87.5	6.64	7.5
SR4	9/12/2017 2:21	29.09	75.1	5.75	5.9	SR4	9/12/2017 8:21	29.12	65.6	5.01	6.5	SR4	9/12/2017 14:21	28.92	82.9	6.28	6.8	SR4	9/12/2017 20:21	28.77	83.1	6.30	8.0
SR4	9/12/2017 2:26	29.11	74.6	5.70	8.9	SR4	9/12/2017 8:26	29.12	64.7	4.95	7.8	SR4	9/12/2017 14:26	28.73	83.3	6.30	8.4	SR4	9/12/2017 20:26	28.69	75.3	5.70	6.7
SR4	9/12/2017 2:31	29.06	74.4	5.69	6.3	SR4	9/12/2017 8:31	29.16	64.8	4.96	8.5	SR4	9/12/2017 14:31	28.94	80.1	6.03	8.1	SR4	9/12/2017 20:31	28.80	74.9	5.67	8.0
SR4	9/12/2017 2:36	29.08	74.3	5.68	**13.3**	SR4	9/12/2017 8:36	29.33	66.9	5.12	6.2	SR4	9/12/2017 14:36	28.93	81.0	6.11	9.3	SR4	9/12/2017 20:36	28.71	71.6	5.43	**10.1**
SR4	9/12/2017 2:41	29.11	73.5	5.62	5.6	SR4	9/12/2017 8:41	29.45	66.7	5.10	6.2	SR4	9/12/2017 14:41	28.81	80.5	6.07	8.4	SR4	9/12/2017 20:41	28.82	71.4	5.41	9.6
SR4	9/12/2017 2:46	29.07	73.5	5.63	5.8	SR4	9/12/2017 8:46	29.27	66.8	5.11	6.1	SR4	9/12/2017 14:46	28.79	74.9	5.65	**10.4**	SR4	9/12/2017 20:46	28.81	71.2	5.40	8.4
SR4	9/12/2017 2:51	29.06	72.6	5.55	4.6	SR4	9/12/2017 8:51	29.29	67.2	5.13	7.8	SR4	9/12/2017 14:51	28.70	68.7	5.20	**10.5**	SR4	9/12/2017 20:51	28.79	72.0	5.46	9.1
SR4	9/12/2017 2:56	29.07	72.3	5.53	**11.5**	SR4	9/12/2017 8:56	29.32	67.0	5.12	7.0	SR4	9/12/2017 14:56	28.73	71.9	5.44	8.3	SR4	9/12/2017 20:56	28.82	72.2	5.47	8.5
SR4	9/12/2017 3:01	29.06	72.6	5.55	**14.1**	SR4	9/12/2017 9:01	29.37	67.0	5.12	6.8	SR4	9/12/2017 15:01	28.67	77.4	5.83	9.4	SR4	9/12/2017 21:01	28.67	72.1	5.46	6.9
SR4	9/12/2017 3:06	29.06	72.9	5.58	5.5	SR4	9/12/2017 9:06	29.37	67.2	5.14	7.3	SR4	9/12/2017 15:06	28.84	80.6	6.07	8.3	SR4	9/12/2017 21:06	28.84	71.5	5.42	**10.4**
SR4	9/12/2017 3:11	29.04	74.7	5.72	5.6	SR4	9/12/2017 9:11	29.35	67.4	5.15	7.6	SR4	9/12/2017 15:11	28.92	83.2	6.25	9.1	SR4	9/12/2017 21:11	28.71	71.6	5.43	**11.9**
SR4	9/12/2017 3:16	29.03	75.2	5.77	4.0	SR4	9/12/2017 9:16	29.39	67.6	5.17	8.0	SR4	9/12/2017 15:16	29.06	82.3	6.20	8.3	SR4	9/12/2017 21:16	28.76	73.4	5.57	9.0
SR4	9/12/2017 3:21	29.00	75.1	5.76	5.6	SR4	9/12/2017 9:21	29.44	67.0	5.12	6.6	SR4	9/12/2017 15:21	29.10	81.5	6.15	9.3	SR4	9/12/2017 21:21	28.74	73.1	5.54	9.0
SR4	9/12/2017 3:26	29.00	74.5	5.70	5.0	SR4	9/12/2017 9:26	29.40	67.4	5.15	**12.0**	SR4	9/12/2017 15:26	28.90	82.1	6.18	7.3	SR4	9/12/2017 21:26	28.77	71.7	5.44	**11.8**
SR4	9/12/2017 3:31	28.98	73.5	5.63	4.7	SR4	9/12/2017 9:31	29.38	67.9	5.19	**26.8**	SR4	9/12/2017 15:31	28.89	81.0	6.11	9.2	SR4	9/12/2017 21:31	28.78	70.6	5.34	7.9
SR4	9/12/2017 3:36	28.97	72.6	5.57	7.7	SR4	9/12/2017 9:36	29.36	68.0	5.19	6.5	SR4	9/12/2017 15:36	28.95	78.7	5.95	9.9	SR4	9/12/2017 21:36	28.70	70.6	5.35	**11.7**
SR4	9/12/2017 3:41	28.97	71.7	5.50	5.1	SR4	9/12/2017 9:41	29.39	68.5	5.23	**13.8**	SR4	9/12/2017 15:41	28.91	79.2	5.99	6.7	SR4	9/12/2017 21:41	28.62	70.5	5.34	8.5
SR4	9/12/2017 3:46	28.99	72.6	5.57	**10.9**	SR4	9/12/2017 9:46	29.48	68.0	5.19	6.6	SR4	9/12/2017 15:46	29.04	76.1	5.78	9.3	SR4	9/12/2017 21:46	28.65	68.5	5.19	8.1
SR4	9/12/2017 3:51	29.04	72.3	5.54	6.7	SR4	9/12/2017 9:51	29.43	68.1	5.20	7.0	SR4	9/12/2017 15:51	29.11	77.6	5.89	8.1	SR4	9/12/2017 21:51	28.71	69.1	5.24	7.3
SR4	9/12/2017 3:56	29.06	71.4	5.48	8.0	SR4	9/12/2017 9:56	29.40	68.7	5.25	7.1	SR4	9/12/2017 15:56	29.19	78.8	5.97	7.6	SR4	9/12/2017 21:56	28.60	69.2	5.25	7.0
SR4	9/12/2017 4:01	29.04	72.0	5.52	6.1	SR4	9/12/2017 10:01	29.29	68.6	5.24	**27.9**	SR4	9/12/2017 16:01	29.04	75.2	5.70	9.4	SR4	9/12/2017 22:01	28.73	69.3	5.26	7.4
SR4	9/12/2017 4:06	29.03	72.9	5.59	5.6	SR4	9/12/2017 10:06	29.19	69.0	5.26	**11.8**	SR4	9/12/2017 16:06	29.00	74.5	5.64	6.7	SR4	9/12/2017 22:06	28.66	70.0	5.31	8.2
SR4	9/12/2017 4:11	28.99	73.0	5.60	5.2	SR4	9/12/2017 10:11	29.16	68.4	5.23	7.9	SR4	9/12/2017 16:11	29.00	75.8	5.73	9.1	SR4	9/12/2017 22:11	28.57	70.5	5.34	8.0
SR4	9/12/2017 4:16	28.88	71.6	5.49	8.4	SR4	9/12/2017 10:16	29.23	68.8	5.26	**17.7**	SR4	9/12/2017 16:16	28.86	73.4	5.55	9.5	SR4	9/12/2017 22:16	28.77	70.7	5.35	9.9
SR4	9/12/2017 4:21	28.86	71.0	5.45	5.8	SR4	9/12/2017 10:21	29.28	68.8	5.26	6.9	SR4	9/12/2017 16:21	28.76	72.4	5.48	7.8	SR4	9/12/2017 22:21	28.68	70.8	5.37	7.1
SR4	9/12/2017 4:26	28.88	70.7	5.42	6.0	SR4	9/12/2017 10:26	28.84	69.2	5.29	9.1	SR4	9/12/2017 16:26	28.99	72.2	5.47	6.5	SR4	9/12/2017 22:26	28.67	71.3	5.41	7.2
SR4	9/12/2017 4:31	28.90	70.0	5.36	6.3	SR4	9/12/2017 10:31	26.51	69.3	5.29	8.8	SR4	9/12/2017 16:31	28.89	72.5	5.49	8.8	SR4	9/12/2017 22:31	28.70	71.4	5.42	**10.3**
SR4	9/12/2017 4:36	28.91	70.0	5.36	6.1	SR4	9/12/2017 10:36	25.28	69.4	5.30	9.0	SR4	9/12/2017 16:36	28.98	72.1	5.47	7.9	SR4	9/12/2017 22:36	28.60	70.5	5.35	7.3
SR4	9/12/2017 4:41	28.95	70.0	5.36	6.8	SR4	9/12/2017 10:41	28.91	69.0	5.27	8.4	SR4	9/12/2017 16:41	28.70	72.2	5.48	9.9	SR4	9/12/2017 22:41	28.54	70.4	5.34	**11.7**
SR4	9/12/2017 4:46	28.92	69.3	5.31	6.8	SR4	9/12/2017 10:46	28.86	69.2	5.29	**11.2**	SR4	9/12/2017 16:46	28.71	71.9	5.46	6.5	SR4	9/12/2017 22:46	28.65	70.2	5.32	**10.2**
SR4	9/12/2017 4:51	28.96	69.2	5.30	**11.0**	SR4	9/12/2017 10:51	28.78	70.0	5.33	**10.1**	SR4	9/12/2017 16:51	28.94	73.2	5.57	6.9	SR4	9/12/2017 22:51	28.69	70.6	5.36	**11.4**
SR4	9/12/2017 4:56	28.98	69.8	5.34	7.6	SR4	9/12/2017 10:56	28.79	69.1	5.27	**16.5**	SR4	9/12/2017 16:56	28.86	70.8	5.38	6.9	SR4	9/12/2017 22:56	29.12	70.9	5.38	8.9
SR4	9/12/2017 5:01	28.98	69.7	5.33	**12.5**	SR4	9/12/2017 11:01	28.76	69.6	5.31	8.9	SR4	9/12/2017 17:01	28.92	72.2	5.48	8.7	SR4	9/12/2017 23:01	28.58	71.5	5.43	6.6
SR4	9/12/2017 5:06	29.06	69.6	5.33	7.3	SR4	9/12/2017 11:06	28.68	70.6	5.40	8.4	SR4	9/12/2017 17:06	28.88	76.0	5.77	9.1	SR4	9/12/2017 23:06	28.57	71.9	5.46	8.9
SR4	9/12/2017 5:11	29.05	68.0	5.20	6.5	SR4	9/12/2017 11:11	28.85	71.9	5.50	**12.3**	SR4	9/12/2017 17:11	28.88	80.9	6.14	6.9	SR4	9/12/2017 23:11	28.56	72.7	5.52	9.5
SR4	9/12/2017 5:16	29.01	68.1	5.20	9.5	SR4	9/12/2017 11:16	28.82	72.1	5.51	8.2	SR4	9/12/2017 17:16	29.01	83.0	6.30	7.1	SR4	9/12/2017 23:16	28.65	73.0	5.55	8.6
SR4	9/12/2017 5:21	29.01	69.1	5.28	8.4	SR4	9/12/2017 11:21	28.73	73.6	5.64	9.3	SR4	9/12/2017 17:21	28.84	83.0	6.29	9.9	SR4	9/12/2017 23:21	28.62	73.6	5.61	**10.3**
SR4	9/12/2017 5:26	29.12	68.6	5.24	7.3	SR4	9/12/2017 11:26	28.56	72.7	5.58	6.9	SR4	9/12/2017 17:26	28.97	87.8	6.65	7.1	SR4	9/12/2017 23:26	28.54	73.8	5.62	7.6
SR4	9/12/2017 5:31	29.09	69.2	5.29	8.1	SR4	9/12/2017 11:31	28.51	73.1	5.60	6.5	SR4	9/12/2017 17:31	28.90	90.1	6.79	9.1	SR4	9/12/2017 23:31	28.66	74.0	5.64	6.5
SR4	9/12/2017 5:36	29.09	69.3	5.30	7.5	SR4	9/12/2017 11:36	28.54	73.2	5.61	7.1	SR4	9/12/2017 17:36	28.79	91.5	6.89	7.0	SR4	9/12/2017 23:36	28.63	74.7	5.69	7.6
SR4	9/12/2017 5:41	29.07	69.2	5.29	7.4	SR4	9/12/2017 11:41	28.73	73.5	5.63	9.5	SR4	9/12/2017 17:41	28.95	98.0	7.38	6.7	SR4	9/12/2017 23:41	28.51	75.0	5.71	9.3
SR4	9/12/2017 5:46	29.05	68.8	5.26	**11.7**	SR4	9/12/2017 11:46	28.60	74.0	5.66	**10.2**	SR4	9/12/2017 17:46	29.04	103.2	7.78	6.6	SR4	9/12/2017 23:46	28.58	78.0	5.96	**10.7**
SR4	9/12/2017 5:51	29.05	67.7	5.18	7.6	SR4	9/12/2017 11:51	28.58	74.2	5.68	**10.3**	SR4	9/12/2017 17:51	28.87	100.1	7.55	7.6	SR4	9/12/2017 23:51	28.43	76.6	5.84	**11.0**
SR4	9/12/2017 5:56	29.05	67.8	5.18	9.1	SR4	9/12/2017 11:56	28.66	73.7	5.63	**10.8**	SR4	9/12/2017 17:56	28.97	103.2	7.78	7.7	SR4	9/12/2017 23:56	28.43	76.5	5.84	8.9

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR5	9/12/2017 0:00	29.25	77.2	5.64	2.0	SR5	9/12/2017 6:00	29.01	70.8	5.23	3.4	SR5	9/12/2017 12:00	29.38	78.2	5.70	3.5	SR5	9/12/2017 18:00	30.25	93.6	6.71	2.6
SR5	9/12/2017 0:05	29.24	76.9	5.62	1.9	SR5	9/12/2017 6:05	28.97	71.9	5.31	2.9	SR5	9/12/2017 12:05	29.47	79.0	5.75	3.3	SR5	9/12/2017 18:05	30.28	92.8	6.65	2.9
SR5	9/12/2017 0:10	29.23	77.4	5.65	2.0	SR5	9/12/2017 6:10	28.94	71.0	5.24	3.3	SR5	9/12/2017 12:10	29.43	81.1	5.89	3.5	SR5	9/12/2017 18:10	30.14	94.3	6.76	3.0
SR5	9/12/2017 0:15	29.25	77.1	5.64	2.0	SR5	9/12/2017 6:15	28.91	71.1	5.25	3.7	SR5	9/12/2017 12:15	29.39	81.5	5.92	3.8	SR5	9/12/2017 18:15	30.36	93.1	6.67	2.9
SR5	9/12/2017 0:20	29.25	76.1	5.57	1.5	SR5	9/12/2017 6:20	28.91	71.1	5.25	4.2	SR5	9/12/2017 12:20	29.37	82.4	5.98	3.9	SR5	9/12/2017 18:20	30.42	93.7	6.72	2.8
SR5	9/12/2017 0:25	29.24	77.4	5.66	1.9	SR5	9/12/2017 6:25	28.93	71.0	5.24	3.8	SR5	9/12/2017 12:25	29.50	83.9	6.10	3.3	SR5	9/12/2017 18:25	30.22	93.7	6.72	2.9
SR5	9/12/2017 0:30	29.24	77.7	5.69	2.0	SR5	9/12/2017 6:30	28.93	70.3	5.19	3.9	SR5	9/12/2017 12:30	29.40	84.2	6.11	3.2	SR5	9/12/2017 18:30	30.23	94.8	6.81	2.8
SR5	9/12/2017 0:35	29.21	78.7	5.76	2.0	SR5	9/12/2017 6:35	28.77	71.0	5.25	3.7	SR5	9/12/2017 12:35	29.32	83.8	6.09	4.0	SR5	9/12/2017 18:35	29.92	92.0	6.62	2.8
SR5	9/12/2017 0:40	29.19	78.6	5.75	1.9	SR5	9/12/2017 6:40	28.86	71.4	5.27	6.3	SR5	9/12/2017 12:40	29.31	84.4	6.13	3.3	SR5	9/12/2017 18:40	30.27	92.1	6.64	3.0
SR5	9/12/2017 0:45	29.19	80.2	5.88	1.8	SR5	9/12/2017 6:45	28.81	70.1	5.18	3.3	SR5	9/12/2017 12:45	29.36	85.3	6.18	3.9	SR5	9/12/2017 18:45	30.40	91.1	6.55	2.8
SR5	9/12/2017 0:50	29.15	80.6	5.91	1.7	SR5	9/12/2017 6:50	28.82	70.6	5.22	2.7	SR5	9/12/2017 12:50	29.43	85.2	6.18	3.3	SR5	9/12/2017 18:50	30.49	90.4	6.50	2.9
SR5	9/12/2017 0:55	29.16	80.1	5.88	2.1	SR5	9/12/2017 6:55	28.81	70.2	5.19	3.0	SR5	9/12/2017 12:55	29.96	85.4	6.19	3.1	SR5	9/12/2017 18:55	30.45	95.1	6.83	3.0
SR5	9/12/2017 1:00	29.15	80.2	5.88	2.0	SR5	9/12/2017 7:00	28.99	70.3	5.19	2.6	SR5	9/12/2017 13:00	29.84	85.9	6.23	3.7	SR5	9/12/2017 19:00	30.28	95.7	6.87	3.0
SR5	9/12/2017 1:05	29.15	80.5	5.90	2.2	SR5	9/12/2017 7:05	28.96	71.5	5.28	2.8	SR5	9/12/2017 13:05	29.82	86.1	6.23	2.9	SR5	9/12/2017 19:05	30.26	95.3	6.85	3.0
SR5	9/12/2017 1:10	29.13	80.1	5.87	2.2	SR5	9/12/2017 7:10	28.98	71.8	5.22	3.2	SR5	9/12/2017 13:10	29.79	86.2	6.24	4.3	SR5	9/12/2017 19:10	30.38	93.6	6.73	2.6
SR5	9/12/2017 1:15	29.06	80.8	5.92	2.0	SR5	9/12/2017 7:15	28.94	72.8	5.29	3.0	SR5						SR5	9/12/2017 19:15	30.55	95.5	6.86	3.0
SR5	9/12/2017 1:20	29.03	80.1	5.88	2.6	SR5	9/12/2017 7:20	29.02	73.6	5.36	3.3	SR5						SR5	9/12/2017 19:20	30.53	92.0	6.80	3.0
SR5	9/12/2017 1:25	29.00	79.9	5.85	2.0	SR5	9/12/2017 7:25	29.12	72.7	5.29	3.6	SR5						SR5	9/12/2017 19:25	30.54	92.2	6.81	2.8
SR5	9/12/2017 1:30	28.95	79.9	5.85	2.0	SR5	9/12/2017 7:30	29.11	72.2	5.25	2.4	SR5	9/12/2017 13:30	29.23	85.9	6.22	2.8	SR5	9/12/2017 19:30	30.35	92.2	6.81	2.9
SR5	9/12/2017 1:35	28.98	79.3	5.80	3.3	SR5	9/12/2017 7:35	29.07	72.0	5.24	3.7	SR5	9/12/2017 13:35	29.12	87.3	6.32	4.1	SR5	9/12/2017 19:35	30.28	92.5	6.84	2.6
SR5	9/12/2017 1:40	28.99	80.1	5.86	3.0	SR5	9/12/2017 7:40	28.99	72.2	5.26	3.4	SR5	9/12/2017 13:40	29.09	87.8	6.36	3.9	SR5	9/12/2017 19:40	29.92	92.1	6.81	2.8
SR5	9/12/2017 1:45	28.96	81.3	5.96	3.0	SR5	9/12/2017 7:45	29.02	72.5	5.27	2.9	SR5	9/12/2017 13:45	29.22	83.8	6.08	3.2	SR5	9/12/2017 19:45	30.07	90.3	6.67	2.7
SR5	9/12/2017 1:50	28.95	82.1	6.02	2.0	SR5	9/12/2017 7:50	29.04	72.5	5.28	2.9	SR5	9/12/2017 13:50	29.74	81.8	5.94	3.0	SR5	9/12/2017 19:50	29.91	90.5	6.69	2.8
SR5	9/12/2017 1:55	28.97	79.8	5.85	3.5	SR5	9/12/2017 7:55	29.03	72.5	5.28	2.5	SR5	9/12/2017 13:55	29.72	80.8	5.88	3.8	SR5	9/12/2017 19:55	29.75	87.6	6.46	3.4
SR5	9/12/2017 2:00	28.98	80.2	5.87	1.9	SR5	9/12/2017 8:00	29.02	72.6	5.28	2.3	SR5	9/12/2017 14:00	29.38	79.5	5.78	3.4	SR5	9/12/2017 20:00	29.78	87.4	6.45	3.7
SR5	9/12/2017 2:05	28.99	79.6	5.81	2.9	SR5	9/12/2017 8:05	29.01	72.4	5.26	2.6	SR5	9/12/2017 14:05	29.34	82.2	5.98	2.5	SR5	9/12/2017 20:05	29.94	85.9	6.34	3.6
SR5	9/12/2017 2:10	29.01	78.8	5.76	2.2	SR5	9/12/2017 8:10	29.04	72.5	5.28	2.4	SR5	9/12/2017 14:10	29.56	83.5	6.06	2.9	SR5	9/12/2017 20:10	30.02	82.1	6.05	3.5
SR5	9/12/2017 2:15	29.03	78.5	5.73	2.4	SR5	9/12/2017 8:15	29.05	72.3	5.26	2.7	SR5	9/12/2017 14:15	29.56	81.9	5.94	2.5	SR5	9/12/2017 20:15	30.10	83.3	6.14	2.9
SR5	9/12/2017 2:20	29.08	78.3	5.71	2.1	SR5	9/12/2017 8:20	29.07	72.0	5.23	2.3	SR5	9/12/2017 14:20	29.73	82.7	6.00	2.4	SR5	9/12/2017 20:20	29.99	81.4	5.93	3.3
SR5	9/12/2017 2:25	29.09	77.3	5.63	2.6	SR5	9/12/2017 8:25	29.04	72.2	5.25	2.6	SR5	9/12/2017 14:25	29.73	81.9	5.94	2.7	SR5	9/12/2017 20:25	30.08	77.7	5.65	2.6
SR5	9/12/2017 2:30	29.11	77.1	5.63	2.2	SR5	9/12/2017 8:30	29.12	72.3	5.27	2.7	SR5	9/12/2017 14:30	29.74	80.9	5.85	2.6	SR5	9/12/2017 20:30	29.93	77.2	5.61	2.8
SR5	9/12/2017 2:35	29.10	77.0	5.62	3.4	SR5	9/12/2017 8:35	29.10	74.2	5.41	2.3	SR5	9/12/2017 14:35	29.84	81.4	5.89	2.8	SR5	9/12/2017 20:35	29.98	75.3	5.47	3.7
SR5	9/12/2017 2:40	29.14	76.9	5.61	1.2	SR5	9/12/2017 8:40	29.39	73.5	5.35	2.3	SR5	9/12/2017 14:40	29.86	81.7	5.91	2.7	SR5	9/12/2017 20:40	29.98	75.6	5.49	3.8
SR5	9/12/2017 2:45	29.19	76.8	5.61	2.1	SR5	9/12/2017 8:45	29.26	74.1	5.39	2.3	SR5	9/12/2017 14:45	29.82	79.4	5.73	3.0	SR5	9/12/2017 20:45	29.91	76.3	5.54	2.7
SR5	9/12/2017 2:50	29.18	75.8	5.53	1.9	SR5	9/12/2017 8:50	29.28	74.2	5.40	2.5	SR5	9/12/2017 14:50	30.08	76.1	5.49	3.0	SR5	9/12/2017 20:50	29.82	75.9	5.51	4.5
SR5	9/12/2017 2:55	29.20	75.0	5.47	3.1	SR5	9/12/2017 8:55	29.25	74.7	5.44	2.4	SR5	9/12/2017 14:55	30.17	77.6	5.60	2.7	SR5	9/12/2017 20:55	29.82	76.6	5.56	3.9
SR5	9/12/2017 3:00	29.15	74.7	5.44	3.5	SR5	9/12/2017 9:00	29.26	75.5	5.50	2.4	SR5	9/12/2017 15:00	30.31	81.0	5.85	2.9	SR5	9/12/2017 21:00	29.77	76.5	5.56	4.0
SR5	9/12/2017 3:05	29.10	74.4	5.43	2.1	SR5	9/12/2017 9:05	29.27	74.9	5.46	2.4	SR5	9/12/2017 15:05	30.34	82.7	5.96	2.7	SR5	9/12/2017 21:05	29.58	76.3	5.55	4.0
SR5	9/12/2017 3:10	29.08	74.5	5.44	2.1	SR5	9/12/2017 9:10	29.26	76.7	5.59	2.5	SR5	9/12/2017 15:10	30.15	81.8	5.91	2.8	SR5	9/12/2017 21:10	29.49	75.9	5.51	4.1
SR5	9/12/2017 3:15	29.08	75.4	5.51	1.8	SR5	9/12/2017 9:15	29.28	75.9	5.54	2.6	SR5	9/12/2017 15:15	30.12	81.6	5.89	2.7	SR5	9/12/2017 21:15	29.39	78.2	5.69	3.6
SR5	9/12/2017 3:20	29.05	74.8	5.46	2.1	SR5	9/12/2017 9:20	29.28	76.1	5.55	2.3	SR5	9/12/2017 15:20	30.14	80.4	5.82	2.8	SR5	9/12/2017 21:20	29.58	78.3	5.69	3.4
SR5	9/12/2017 3:25	29.02	75.3	5.49	2.0	SR5	9/12/2017 9:25	29.33	76.9	5.61	3.2	SR5	9/12/2017 15:25	30.13	80.5	5.82	2.5	SR5	9/12/2017 21:25	29.77	79.0	5.74	3.5
SR5	9/12/2017 3:30	29.01	73.7	5.45	1.9	SR5	9/12/2017 9:30	29.20	77.1	5.62	5.8	SR5	9/12/2017 15:30	29.98	78.5	5.67	2.8	SR5	9/12/2017 21:30	29.82	77.7	5.64	3.0
SR5	9/12/2017 3:35	28.99	73.1	5.42	2.4	SR5	9/12/2017 9:35	29.34	77.4	5.64	2.3	SR5	9/12/2017 15:35	30.16	78.3	5.66	3.0	SR5	9/12/2017 21:35	29.84	78.1	5.66	4.2
SR5	9/12/2017 3:40	28.98	73.3	5.42	2.0	SR5	9/12/2017 9:40	29.40	77.4	5.64	3.5	SR5	9/12/2017 15:40	30.15	76.9	5.57	2.4	SR5	9/12/2017 21:40	29.80	77.3	5.61	2.9
SR5	9/12/2017 3:45	28.99	73.6	5.45	3.0	SR5	9/12/2017 9:45	29.23	77.0	5.60	2.3	SR5	9/12/2017 15:45	30.28	73.8	5.35	2.8	SR5	9/12/2017 21:45	29.80	77.7	5.64	2.8
SR5	9/12/2017 3:50	29.03	73.8	5.46	2.3	SR5	9/12/2017 9:50	29.33	78.1	5.69	2.4	SR5	9/12/2017 15:50	30.61	78.1	5.65	2.7	SR5	9/12/2017 21:50	29.80	76.4	5.55	2.7
SR5	9/12/2017 3:55	29.05	73.2	5.42	2.5	SR5	9/12/2017 9:55	29.13	77.3	5.63	2.4	SR5	9/12/2017 15:55	30.60	77.5	5.62	2.6	SR5	9/12/2017 21:55	29.83	77.2	5.60	1.8
SR5	9/12/2017 4:00	29.03	72.6	5.38	2.2	SR5	9/12/2017 10:00	29.09	77.0	5.61	6.0	SR5	9/12/2017 16:00	30.48	75.1	5.44	2.9	SR5	9/12/2017 22:00	29.77	77.2	5.61	1.9
SR5	9/12/2017 4:05	29.02	73.5	5.44	2.1	SR5	9/12/2017 10:05	29.11	77.7	5.66	3.2	SR5	9/12/2017 16:05	30.39	75.2	5.44	2.4	SR5	9/12/2017 22:05	29.79	77.2	5.61	3.2
SR5	9/12/2017 4:10	28.99	73.3	5.43	2.0	SR5	9/12/2017 10:10	29.16	77.1	5.62	2.5	SR5	9/12/2017 16:10	30.17	75.3	5.44	2.8	SR5	9/12/2017 22:10	29.79	77.3	5.61	2.9
SR5	9/12/2017 4:15	28.86	73.3	5.43	2.8	SR5	9/12/2017 10:15	29.17	77.2	5.63	4.2	SR5	9/12/2017 16:15	29.93	76.7	5.46	2.9	SR5	9/12/2017 22:15	29.75	77.5	5.62	4.3
SR5	9/12/2017 4:20	28.88	73.1	5.41	3.2	SR5	9/12/2017 10:20	29.14	76.7	5.60	2.3	SR5	9/12/2017 16:20	29.93	76.2	5.43	2.6	SR5	9/12/2017 22:20	29.79	76.6	5.57	2.9
SR5	9/12/2017 4:25	28.92	72.9	5.39	2.6	SR5	9/12/2017 10:25	29.17	77.4	5.65	2.8	SR5	9/12/2017 16:25	29.70	76.6	5.45	2.4	SR5	9/12/2017 22:25	29.78	77.7	5.64	1.7
SR5	9/12/2017 4:30	28.94	71.9	5.32	3.0	SR5	9/12/2017 10:30	29.17	77.2	5.63	3.9	SR5	9/12/2017 16:30	29.71	78.4	5.58	2.8	SR5	9/12/2017 22:30	29.74	77.6	5.64	4.6
SR5	9/12/2017 4:35	28.97	72.4	5.35	3.4	SR5	9/12/2017 10:35	29.24	77.2	5.62	4.0	SR5	9/12/2017 16:35	29.58	78.3	5.58	2.6	SR5	9/12/2017 22:35	29.71	77.2	5.61	3.1
SR5	9/12/2017 4:40	29.03	72.8	5.38	2.8	SR5	9/12/2017 10:40	28.77	76.9	5.60	3.7	SR5	9/12/2017 16:40	29.49	78.9	5.62	3.0	SR5	9/12/2017 22:40	29.70	76.5	5.56	3.9
SR5	9/12/2017 4:45	28.99	72.4	5.35	3.2	SR5	9/12/2017 10:45	26.49	77.9	5.67	4.0	SR5	9/12/2017 16:45	29.47	78.8	5.61	2.4	SR5	9/12/2017 22:45	29.70	75.0	5.45	4.1
SR5	9/12/2017 4:50	29.04	71.9	5.31	3.7	SR5	9/12/2017 10:50	29.36	79.1	5.75	3.0	SR5	9/12/2017 16:50	29.48	79.6	5.68	2.5	SR5	9/12/2017 22:50	29.69	75.2	5.47	3.5
SR5	9/12/2017 4:55	29.10	71.5	5.28	2.8	SR5	9/12/2017 10:55	29.44	78.8	5.72	4.3	SR5	9/12/2017 16:55	29.43	78.5	5.59	2.5	SR5	9/12/2017 22:55	29.67	76.0	5.52	3.7
SR5	9/12/2017 5:00	29.08	71.8	5.31	4.4	SR5	9/12/2017 11:00	29.45	78.8	5.73	3.0	SR5	9/12/2017 17:00	29.68	79.1	5.63	2.8	SR5	9/12/2017 23:00	29.66	75.8	5.52	1.9
SR5	9/12/2017 5:05	29.08	72.3	5.35	3.5	SR5	9/12/2017 11:05	29.63	80.1	5.83	4.0	SR5	9/12/2017 17:05	30.18	80.7	5.76	2.8	SR5	9/12/2017 23:05	29.67	76.2	5.55	2.6
SR5	9/12/2017 5:10	29.07	71.4	5.27	3.3	SR5	9/12/2017 11:10	29.53	79.5	5.80	4.5	SR5	9/12/2017 17:10	30.26	82.9	5.92	2.5	SR5	9/12/2017 23:10	29.66	76.9	5.60	3.0
SR5	9/12/2017 5:15	29.01	71.5	5.28	3.7	SR5	9/12/2017 11:15	29.49	79.6	5.79	3.1	SR5	9/12/2017 17:15	30.18	84.0	6.01	2.5	SR5	9/12/2017 23:15	29.68	76.2	5.55	3.6
SR5	9/12/2017 5:20	29.12	71.5	5.28	3.1	SR5	9/12/2017 11:20	29.58	79.7	5.82	3.3	SR5	9/12/2017 17:20	30.72	83.8	5.99	3.0	SR5	9/12/2017 23:20	29.69	76.4	5.57	2.7
SR5	9/12/2017 5:25	29.17	72.1	5.32	3.2	SR5	9/12/2017 11:25	29.62	79.3	5.79	3.4	SR5	9/12/2017 17:25	30.80	86.2	6.17	2.5	SR5	9/12/2017 23:25	29.66	73.9	5.40	4.3
SR5	9/12/2017 5:30	29.09	71.9	5.31	3.4	SR5	9/12/2017 11:30	29.53	79.1	5.77	3.4	SR5	9/12/2017 17:30	30.73	87.0	6.21	2.9	SR5	9/12/2017 23:30	29.63	74.1	5.47	3.0
SR5	9/12/2017 5:35	29.06	71.4	5.28	3.0	SR5	9/12/2017 11:35	29.48	80.1	5.84	3.5	SR5	9/12/2017 17:35	30.63	87.4	6.25	2.5	SR5	9/12/2017 23:35	29.64	74.3	5.48	2.1
SR5	9/12/2017 5:40	29.06	71.9	5.31	2.5	SR5	9/12/2017 11:40	29.45	79.9	5.83	3.9	SR5	9/12/2017 17:40	30.36	90.6	6.49	2.5	SR5	9/12/2017 23:40	29.63	75.1	5.54	3.0
SR5	9/12/2017 5:45	29.06	71.0	5.24	4.1	SR5	9/12/2017 11:45	29.57	80.1	5.84	4.2	SR5	9/12/2017 17:45	30.37	93.4	6.70	2.5	SR5	9/12/2017 23:45	29.65	75.6	5.59	3.4
SR5	9/12/2017 5:50	29.06	70.5	5.21	2.9	SR5	9/12/2017 11:50	29.77	79.9	5.82	4.3	SR5	9/12/2017 17:50	30.49	92.2	6.61	2.6	SR5	9/12/2017 23:50	29.69	75.1	5.55	3.4
SR5	9/12/2017 5:55	29.06	71.2	5.25	3.5	SR5	9/12/2017 11:55	29.45	79.6	5.80	3.5	SR5	9/12/2017 17:55	30.40	93.4	6.70	2.6	SR5	9/12/2017 23:55	29.70	75.0	5.55	3.1

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR12	9/12/2017 0:01	29.27	80.8	5.98	8.0	SR12	9/12/2017 6:01	29.03	75.7	5.58	8.1	SR12	9/12/2017 12:01	28.93	76.6	5.66	7.1	SR12	9/12/2017 18:01	28.82	91.6	6.74	8.3
SR12	9/12/2017 0:06	29.26	80.9	5.98	7.7	SR12	9/12/2017 6:06	28.98	76.2	5.62	8.9	SR12	9/12/2017 12:06	28.85	76.3	5.63	6.2	SR12	9/12/2017 18:06	28.83	91.6	6.74	7.0
SR12	9/12/2017 0:11	29.24	81.2	6.01	8.2	SR12	9/12/2017 6:11	28.95	75.9	5.59	8.5	SR12	9/12/2017 12:11	28.68	76.7	5.66	6.2	SR12	9/12/2017 18:11	28.72	92.7	6.82	8.7
SR12	9/12/2017 0:16	29.30	80.9	5.99	9.7	SR12	9/12/2017 6:16	28.93	75.4	5.56	9.6	SR12	9/12/2017 12:16	28.78	77.9	5.75	6.4	SR12	9/12/2017 18:16	28.76	91.4	6.73	7.9
SR12	9/12/2017 0:21	29.27	82.1	6.07	7.7	SR12	9/12/2017 6:21	28.92	74.4	5.49	8.2	SR12	9/12/2017 12:21	28.72	77.7	5.73	6.1	SR12	9/12/2017 18:21	28.72	92.8	6.84	6.8
SR12	9/12/2017 0:26	29.25	79.7	5.91	7.6	SR12	9/12/2017 6:26	28.93	74.2	5.47	7.4	SR12	9/12/2017 12:26	28.70	78.2	5.77	6.5	SR12	9/12/2017 18:26	28.73	93.2	6.87	8.7
SR12	9/12/2017 0:31	29.24	81.4	6.03	9.6	SR12	9/12/2017 6:31	28.93	75.2	5.54	7.6	SR12	9/12/2017 12:31	28.63	79.4	5.86	7.2	SR12	9/12/2017 18:31	28.71	94.1	6.94	8.4
SR12	9/12/2017 0:36	29.23	81.1	6.01	7.7	SR12	9/12/2017 6:36	28.87	74.7	5.51	9.8	SR12	9/12/2017 12:36	28.49	78.3	5.77	6.9	SR12	9/12/2017 18:36	28.69	93.2	6.87	6.5
SR12	9/12/2017 0:41	29.21	80.3	5.95	9.8	SR12	9/12/2017 6:41	28.94	75.7	5.58	9.4	SR12	9/12/2017 12:41	28.56	79.0	5.83	7.6	SR12	9/12/2017 18:41	28.72	93.1	6.88	7.6
SR12	9/12/2017 0:46	29.20	80.0	5.93	7.9	SR12	9/12/2017 6:46	28.87	74.9	5.52	9.4	SR12	9/12/2017 12:46	28.35	79.8	5.87	8.6	SR12	9/12/2017 18:46	28.78	93.2	6.88	8.4
SR12	9/12/2017 0:51	29.17	80.1	5.94	9.3	SR12	9/12/2017 6:51	28.85	74.8	5.52	9.7	SR12	9/12/2017 12:51	28.62	80.7	5.94	8.7	SR12	9/12/2017 18:51	28.77	91.9	6.78	8.6
SR12	9/12/2017 0:56	29.16	80.2	5.96	8.2	SR12	9/12/2017 6:56	28.83	74.4	5.49	7.5	SR12	9/12/2017 12:56	28.70	79.7	5.87	7.3	SR12	9/12/2017 18:56	28.72	92.6	6.84	8.0
SR12	9/12/2017 1:01	29.16	80.9	6.00	8.1	SR12	9/12/2017 7:01	28.96	74.3	5.48	9.8	SR12	9/12/2017 13:01	28.54	80.8	5.95	7.1	SR12	9/12/2017 19:01	28.72	93.9	6.93	7.2
SR12	9/12/2017 1:06	29.17	80.9	6.00	7.9	SR12	9/12/2017 7:06	28.97	75.6	5.57	8.5	SR12	9/12/2017 13:06	28.46	80.9	5.96	7.1	SR12	9/12/2017 19:06	28.59	93.2	6.88	6.5
SR12	9/12/2017 1:11	29.13	80.6	5.97	9.5	SR12	9/12/2017 7:11	28.96	75.7	5.58	7.9	SR12	9/12/2017 13:11	28.47	80.9	5.96	6.6	SR12	9/12/2017 19:11	28.69	92.0	6.79	6.2
SR12	9/12/2017 1:16	29.09	81.2	6.02	8.6	SR12	9/12/2017 7:16	28.95	75.4	5.55	9.3	SR12	9/12/2017 13:16	28.44	81.6	6.01	7.3	SR12	9/12/2017 19:16	28.66	93.8	6.93	6.8
SR12	9/12/2017 1:21	28.97	80.5	5.97	9.0	SR12	9/12/2017 7:21	28.98	74.1	5.46	8.7	SR12	9/12/2017 13:21	28.71	81.7	6.02	6.5	SR12	9/12/2017 19:21	28.64	93.4	6.90	5.5
SR12	9/12/2017 1:26	29.02	79.9	5.92	7.7	SR12	9/12/2017 7:26	29.10	74.5	5.49	9.6	SR12	9/12/2017 13:26	28.81	80.7	5.94	7.1	SR12	9/12/2017 19:26	28.62	93.7	6.92	6.1
SR12	9/12/2017 1:31	28.94	80.7	5.98	8.5	SR12	9/12/2017 7:31	29.10	74.4	5.48	8.1	SR12	9/12/2017 13:31	28.97	80.7	5.94	6.7	SR12	9/12/2017 19:31	28.66	92.8	6.85	6.4
SR12	9/12/2017 1:36	28.95	80.1	5.94	7.8	SR12	9/12/2017 7:36	29.08	74.0	5.45	9.3	SR12	9/12/2017 13:36	28.88	80.9	5.95	7.6	SR12	9/12/2017 19:36	28.58	93.5	6.90	6.3
SR12	9/12/2017 1:41	28.99	80.3	5.95	8.3	SR12	9/12/2017 7:41	29.01	74.0	5.46	8.8	SR12	9/12/2017 13:41	28.66	81.2	5.98	6.7	SR12	9/12/2017 19:41	28.63	93.0	6.87	5.4
SR12	9/12/2017 1:46	28.95	81.9	6.08	7.4	SR12	9/12/2017 7:46	29.02	74.4	5.48	8.4	SR12	9/12/2017 13:46	28.58	80.2	5.91	6.8	SR12	9/12/2017 19:46	28.63	90.8	6.70	5.7
SR12	9/12/2017 1:51	28.96	82.2	6.10	7.9	SR12	9/12/2017 7:51	29.04	74.4	5.48	9.5	SR12	9/12/2017 13:51	28.76	79.2	5.85	5.8	SR12	9/12/2017 19:51	28.73	91.1	6.73	7.4
SR12	9/12/2017 1:56	28.99	81.5	6.04	8.2	SR12	9/12/2017 7:56	29.03	73.7	5.44	8.8	SR12	9/12/2017 13:56	28.78	79.6	5.87	8.7	SR12	9/12/2017 19:56	28.75	88.6	6.54	8.1
SR12	9/12/2017 2:01	28.98	81.9	6.07	8.6	SR12	9/12/2017 8:01	29.02	73.6	5.43	9.3	SR12	9/12/2017 14:01	28.63	78.6	5.80	7.8	SR12	9/12/2017 20:01	28.74	89.0	6.56	5.7
SR12	9/12/2017 2:06	29.00	80.2	5.93	8.9	SR12	9/12/2017 8:06	29.00	74.2	5.47	9.8	SR12	9/12/2017 14:06	28.84	80.1	5.91	6.4	SR12	9/12/2017 20:06	28.74	87.2	6.43	7.1
SR12	9/12/2017 2:11	29.01	79.8	5.89	8.4	SR12	9/12/2017 8:11	29.03	74.0	5.46	6.9	SR12	9/12/2017 14:11	28.78	80.0	5.90	8.6	SR12	9/12/2017 20:11	28.78	82.8	6.10	8.5
SR12	9/12/2017 2:16	29.02	78.9	5.84	9.8	SR12	9/12/2017 8:16	29.02	73.8	5.44	8.2	SR12	9/12/2017 14:16	28.66	80.3	5.92	7.5	SR12	9/12/2017 20:16	28.79	84.5	6.23	6.0
SR12	9/12/2017 2:21	29.07	78.8	5.82	9.6	SR12	9/12/2017 8:21	29.05	73.4	5.40	7.1	SR12	9/12/2017 14:21	28.65	81.5	6.00	7.9	SR12	9/12/2017 20:21	28.75	82.2	6.06	8.0
SR12	9/12/2017 2:26	29.07	79.1	5.84	8.6	SR12	9/12/2017 8:26	29.06	73.5	5.41	8.0	SR12	9/12/2017 14:26	28.56	81.2	5.98	7.6	SR12	9/12/2017 20:26	28.69	78.1	5.74	7.1
SR12	9/12/2017 2:31	29.10	78.3	5.78	9.0	SR12	9/12/2017 8:31	29.12	73.3	5.40	6.6	SR12	9/12/2017 14:31	28.50	80.1	5.88	6.8	SR12	9/12/2017 20:31	28.77	78.4	5.76	7.4
SR12	9/12/2017 2:36	29.09	78.5	5.79	9.2	SR12	9/12/2017 8:36	29.05	74.1	5.47	6.3	SR12	9/12/2017 14:36	28.53	79.9	5.87	5.3	SR12	9/12/2017 20:36	28.76	76.7	5.64	7.7
SR12	9/12/2017 2:41	29.07	77.8	5.74	7.7	SR12	9/12/2017 8:41	29.31	74.2	5.47	8.3	SR12	9/12/2017 14:41	28.77	80.5	5.91	5.8	SR12	9/12/2017 20:41	28.71	76.4	5.61	8.4
SR12	9/12/2017 2:46	29.19	78.3	5.78	8.0	SR12	9/12/2017 8:46	29.20	74.2	5.47	8.9	SR12	9/12/2017 14:46	28.79	77.0	5.65	5.4	SR12	9/12/2017 20:46	28.72	76.9	5.65	6.9
SR12	9/12/2017 2:51	29.22	77.8	5.74	9.8	SR12	9/12/2017 8:51	29.26	73.9	5.45	5.9	SR12	9/12/2017 14:51	28.91	73.6	5.40	5.9	SR12	9/12/2017 20:51	28.79	76.6	5.63	5.7
SR12	9/12/2017 2:56	29.20	78.0	5.75	7.9	SR12	9/12/2017 8:56	29.21	74.3	5.48	5.9	SR12	9/12/2017 14:56	28.88	75.8	5.57	7.8	SR12	9/12/2017 20:56	28.74	77.1	5.66	6.4
SR12	9/12/2017 3:01	29.15	77.5	5.72	9.1	SR12	9/12/2017 9:01	29.26	74.8	5.51	8.2	SR12	9/12/2017 15:01	28.79	78.6	5.76	7.5	SR12	9/12/2017 21:01	28.71	77.4	5.68	6.7
SR12	9/12/2017 3:06	29.13	77.6	5.73	7.9	SR12	9/12/2017 9:06	29.29	74.8	5.51	6.3	SR12	9/12/2017 15:06	28.80	80.6	5.91	7.9	SR12	9/12/2017 21:06	28.73	76.7	5.64	6.7
SR12	9/12/2017 3:11	29.12	78.9	5.83	9.8	SR12	9/12/2017 9:11	29.26	74.4	5.48	6.3	SR12	9/12/2017 15:11	28.60	81.5	5.97	7.6	SR12	9/12/2017 21:11	28.68	76.8	5.65	7.4
SR12	9/12/2017 3:16	29.09	79.3	5.87	8.9	SR12	9/12/2017 9:16	29.31	75.1	5.53	7.4	SR12	9/12/2017 15:16	28.71	80.7	5.93	8.7	SR12	9/12/2017 21:16	28.74	77.3	5.69	5.9
SR12	9/12/2017 3:21	29.05	78.8	5.83	8.3	SR12	9/12/2017 9:21	29.31	74.4	5.48	7.6	SR12	9/12/2017 15:21	28.81	80.4	5.91	8.9	SR12	9/12/2017 21:21	28.74	77.4	5.69	7.0
SR12	9/12/2017 3:26	29.03	78.9	5.83	9.5	SR12	9/12/2017 9:26	29.30	74.5	5.49	8.0	SR12	9/12/2017 15:26	28.88	81.3	5.96	8.9	SR12	9/12/2017 21:26	28.68	76.8	5.65	7.6
SR12	9/12/2017 3:31	29.01	78.2	5.78	7.9	SR12	9/12/2017 9:31	29.29	74.6	5.50	7.2	SR12	9/12/2017 15:31	28.97	80.4	5.91	8.7	SR12	9/12/2017 21:31	28.67	76.0	5.58	5.8
SR12	9/12/2017 3:36	28.99	77.9	5.76	8.7	SR12	9/12/2017 9:36	29.38	75.1	5.53	5.5	SR12	9/12/2017 15:36	28.91	79.1	5.82	8.8	SR12	9/12/2017 21:36	28.64	75.9	5.58	8.7
SR12	9/12/2017 3:41	28.99	77.7	5.74	8.5	SR12	9/12/2017 9:41	29.48	75.0	5.53	6.5	SR12	9/12/2017 15:41	28.86	78.9	5.80	5.9	SR12	9/12/2017 21:41	28.64	76.4	5.61	6.1
SR12	9/12/2017 3:46	28.99	78.4	5.79	8.5	SR12	9/12/2017 9:46	29.35	75.0	5.52	7.3	SR12	9/12/2017 15:46	28.86	77.9	5.74	5.6	SR12	9/12/2017 21:46	28.66	75.2	5.52	6.6
SR12	9/12/2017 3:51	29.01	78.6	5.80	9.8	SR12	9/12/2017 9:51	29.43	75.0	5.53	7.2	SR12	9/12/2017 15:51	28.77	78.2	5.76	8.6	SR12	9/12/2017 21:51	28.64	75.2	5.52	6.5
SR12	9/12/2017 3:56	29.02	78.6	5.80	8.2	SR12	9/12/2017 9:56	29.27	75.0	5.53	6.3	SR12	9/12/2017 15:56	28.91	79.0	5.82	7.2	SR12	9/12/2017 21:56	28.62	75.1	5.52	5.8
SR12	9/12/2017 4:01	29.02	78.6	5.80	9.4	SR12	9/12/2017 10:01	29.11	75.5	5.56	5.4	SR12	9/12/2017 16:01	28.97	77.7	5.72	6.6	SR12	9/12/2017 22:01	28.61	76.0	5.58	6.3
SR12	9/12/2017 4:06	29.00	78.8	5.82	7.4	SR12	9/12/2017 10:06	29.17	75.1	5.53	7.0	SR12	9/12/2017 16:06	28.93	77.1	5.67	5.4	SR12	9/12/2017 22:06	28.60	75.7	5.56	6.7
SR12	9/12/2017 4:11	28.99	79.6	5.88	8.4	SR12	9/12/2017 10:11	29.16	75.0	5.53	7.3	SR12	9/12/2017 16:11	28.73	77.8	5.72	6.9	SR12	9/12/2017 22:11	28.58	75.8	5.57	7.3
SR12	9/12/2017 4:16	28.89	77.5	5.73	8.6	SR12	9/12/2017 10:16	29.33	75.4	5.56	8.9	SR12	9/12/2017 16:16	28.63	76.1	5.59	8.3	SR12	9/12/2017 22:16	28.56	76.7	5.63	8.0
SR12	9/12/2017 4:21	28.92	78.5	5.80	9.5	SR12	9/12/2017 10:21	29.09	75.7	5.58	6.8	SR12	9/12/2017 16:21	28.65	75.8	5.57	7.6	SR12	9/12/2017 22:21	28.55	76.3	5.61	8.9
SR12	9/12/2017 4:26	28.95	77.0	5.69	8.2	SR12	9/12/2017 10:26	29.24	75.0	5.53	7.4	SR12	9/12/2017 16:26	28.66	75.5	5.55	7.4	SR12	9/12/2017 22:26	28.60	76.2	5.60	6.3
SR12	9/12/2017 4:31	28.99	77.2	5.69	7.4	SR12	9/12/2017 10:31	29.28	76.0	5.60	7.8	SR12	9/12/2017 16:31	28.85	76.1	5.59	5.4	SR12	9/12/2017 22:31	28.60	76.7	5.64	7.6
SR12	9/12/2017 4:36	29.01	77.0	5.68	7.6	SR12	9/12/2017 10:36	29.28	75.4	5.56	5.7	SR12	9/12/2017 16:36	28.80	75.7	5.57	7.4	SR12	9/12/2017 22:36	28.64	76.3	5.61	6.7
SR12	9/12/2017 4:41	29.06	76.7	5.66	9.1	SR12	9/12/2017 10:41	28.95	75.5	5.57	7.8	SR12	9/12/2017 16:41	28.86	75.7	5.57	5.3	SR12	9/12/2017 22:41	28.59	75.8	5.57	**10.3**
SR12	9/12/2017 4:46	29.01	77.5	5.72	7.7	SR12	9/12/2017 10:46	28.52	75.0	5.53	8.0	SR12	9/12/2017 16:46	28.83	75.9	5.59	7.5	SR12	9/12/2017 22:46	28.63	76.0	5.58	8.7
SR12	9/12/2017 4:51	29.04	77.5	5.71	9.3	SR12	9/12/2017 10:51	28.44	75.3	5.55	5.4	SR12	9/12/2017 16:51	28.96	76.5	5.63	5.8	SR12	9/12/2017 22:51	28.65	76.6	5.63	8.4
SR12	9/12/2017 4:56	29.09	76.5	5.64	7.9	SR12	9/12/2017 10:56	28.41	74.9	5.52	5.8	SR12	9/12/2017 16:56	28.90	75.3	5.54	7.8	SR12	9/12/2017 22:56	29.19	76.3	5.61	7.8
SR12	9/12/2017 5:01	29.08	77.7	5.73	9.8	SR12	9/12/2017 11:01	28.40	74.4	5.48	6.5	SR12	9/12/2017 17:01	28.83	76.1	5.60	6.8	SR12	9/12/2017 23:01	29.22	76.7	5.64	6.1
SR12	9/12/2017 5:06	29.04	77.0	5.68	7.6	SR12	9/12/2017 11:06	28.40	75.4	5.56	7.9	SR12	9/12/2017 17:06	28.70	77.4	5.70	8.2	SR12	9/12/2017 23:06	28.60	76.7	5.64	7.7
SR12	9/12/2017 5:11	29.07	75.8	5.59	9.5	SR12	9/12/2017 11:11	28.41	76.2	5.63	6.6	SR12	9/12/2017 17:11	28.74	80.2	5.91	6.5	SR12	9/12/2017 23:11	28.49	77.7	5.71	7.7
SR12	9/12/2017 5:16	29.01	76.4	5.62	8.8	SR12	9/12/2017 11:16	28.61	75.3	5.56	5.4	SR12	9/12/2017 17:16	28.82	81.2	5.99	7.0	SR12	9/12/2017 23:16	28.43	77.8	5.73	8.5
SR12	9/12/2017 5:21	29.12	77.2	5.69	9.5	SR12	9/12/2017 11:21	28.51	76.2	5.64	5.9	SR12	9/12/2017 17:21	28.91	81.5	6.00	6.3	SR12	9/12/2017 23:21	28.39	78.0	5.75	8.5
SR12	9/12/2017 5:26	29.11	76.4	5.63	7.5	SR12	9/12/2017 11:26	28.53	76.1	5.63	5.3	SR12	9/12/2017 17:26	28.94	84.0	6.19	7.7	SR12	9/12/2017 23:26	28.36	77.3	5.70	6.4
SR12	9/12/2017 5:31	29.03	76.5	5.64	**10.3**	SR12	9/12/2017 11:31	28.47	76.0	5.62	8.2	SR12	9/12/2017 17:31	28.95	84.7	6.23	5.8	SR12	9/12/2017 23:31	28.42	77.4	5.71	5.9
SR12	9/12/2017 5:36	29.04	76.5	5.64	8.7	SR12	9/12/2017 11:36	28.60	76.0	5.62	5.4	SR12	9/12/2017 17:36	28.94	85.3	6.27	5.4	SR12	9/12/2017 23:36	28.41	78.7	5.80	6.3
SR12	9/12/2017 5:41	29.05	76.6	5.64	7.7	SR12	9/12/2017 11:41	28.64	76.6	5.66	6.1	SR12	9/12/2017 17:41	28.94	89.1	6.55	6.7	SR12	9/12/2017 23:41	28.33	77.8	5.74	9.0
SR12	9/12/2017 5:46	29.08	75.4	5.56	9.0	SR12	9/12/2017 11:46	28.52	76.9	5.68	6.4	SR12	9/12/2017 17:46	28.93	91.8	6.76	6.6	SR12	9/12/2017 23:46	28.39	79.9	5.90	8.7
SR12	9/12/2017 5:51	29.06	74.9	5.52	7.5	SR12	9/12/2017 11:51	28.62	77.0	5.69	6.9	SR12	9/12/2017 17:51	28.87	89.8	6.62	7.3	SR12	9/12/2017 23:51	28.33	79.6	5.87	9.8
SR12	9/12/2017 5:56	29.07	75.9	5.59	8.8	SR12	9/12/2017 11:56	28.90	76.4	5.64	7.7	SR12	9/12/2017 17:56	28.88	91.0	6.70	7.7	SR12	9/12/2017 23:56	28.32	79.0	5.83	7.8

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR13	9/12/2017 0:00	29.29	75.0	5.46	6.8	SR13	9/12/2017 6:00	29.13	72.2	5.24	7.2	SR13	9/12/2017 12:00	29.18	72.1	5.24	6.0	SR13	9/12/2017 18:00	29.42	77.9	5.66	5.9
SR13	9/12/2017 0:05	29.29	75.1	5.47	6.6	SR13	9/12/2017 6:05	29.13	72.3	5.25	6.3	SR13	9/12/2017 12:05	29.12	72.2	5.25	6.2	SR13	9/12/2017 18:05	29.32	78.2	5.68	5.1
SR13	9/12/2017 0:10	29.38	75.2	5.48	7.4	SR13	9/12/2017 6:10	29.06	73.2	5.31	6.1	SR13	9/12/2017 12:10	28.92	72.0	5.24	6.3	SR13	9/12/2017 18:10	29.35	78.9	5.73	5.3
SR13	9/12/2017 0:15	29.29	75.5	5.50	7.5	SR13	9/12/2017 6:15	28.96	72.8	5.29	6.8	SR13	9/12/2017 12:15	28.95	73.0	5.31	6.5	SR13	9/12/2017 18:15	29.41	77.7	5.65	5.4
SR13	9/12/2017 0:20	29.30	76.1	5.54	7.7	SR13	9/12/2017 6:20	28.95	72.4	5.26	7.4	SR13	9/12/2017 12:20	29.06	72.6	5.28	6.9	SR13	9/12/2017 18:20	29.55	78.3	5.70	5.9
SR13	9/12/2017 0:25	29.28	74.9	5.46	7.1	SR13	9/12/2017 6:25	28.95	71.7	5.21	7.5	SR13	9/12/2017 12:25	29.09	72.2	5.25	5.8	SR13	9/12/2017 18:25	29.38	79.0	5.75	5.3
SR13	9/12/2017 0:30	29.28	75.9	5.53	6.8	SR13	9/12/2017 6:30	28.95	72.0	5.23	6.9	SR13	9/12/2017 12:30	29.16	73.3	5.33	6.7	SR13	9/12/2017 18:30	29.43	79.3	5.78	5.1
SR13	9/12/2017 0:35	29.29	75.1	5.47	6.4	SR13	9/12/2017 6:35	28.79	71.5	5.19	6.3	SR13	9/12/2017 12:35	28.96	72.8	5.29	6.0	SR13	9/12/2017 18:35	29.23	78.8	5.73	5.2
SR13	9/12/2017 0:40	29.33	75.4	5.49	6.7	SR13	9/12/2017 6:40	28.88	72.9	5.29	7.5	SR13	9/12/2017 12:40	28.94	72.4	5.26	6.0	SR13	9/12/2017 18:40	29.30	77.9	5.68	5.6
SR13	9/12/2017 0:45	29.31	75.2	5.48	6.6	SR13	9/12/2017 6:45	28.86	72.1	5.24	6.0	SR13	9/12/2017 12:45	28.94	72.9	5.29	6.4	SR13	9/12/2017 18:45	29.46	78.1	5.69	6.5
SR13	9/12/2017 0:50	29.33	75.0	5.47	7.4	SR13	9/12/2017 6:50	28.91	72.8	5.29	7.0	SR13	9/12/2017 12:50	28.99	73.8	5.36	6.5	SR13	9/12/2017 18:50	29.47	77.5	5.64	5.6
SR13	9/12/2017 0:55	29.28	75.3	5.50	6.8	SR13	9/12/2017 6:55	28.80	71.5	5.20	6.3	SR13	9/12/2017 12:55	29.18	73.0	5.30	6.5	SR13	9/12/2017 18:55	29.81	78.7	5.73	5.8
SR13	9/12/2017 1:00	29.25	75.6	5.51	7.4	SR13	9/12/2017 7:00	29.01	72.4	5.26	7.0	SR13	9/12/2017 13:00	29.18	73.1	5.31	6.2	SR13	9/12/2017 19:00	29.36	78.5	5.72	5.5
SR13	9/12/2017 1:05	29.17	75.4	5.50	6.9	SR13	9/12/2017 7:05	29.01	73.2	5.31	6.5	SR13	9/12/2017 13:05	29.14	72.8	5.29	5.9	SR13	9/12/2017 19:05	29.35	78.2	5.70	4.9
SR13	9/12/2017 1:10	29.15	75.0	5.47	6.3	SR13	9/12/2017 7:10	29.04	72.9	5.30	7.2	SR13	9/12/2017 13:10	29.09	73.7	5.36	6.9	SR13	9/12/2017 19:10	29.26	78.1	5.69	5.9
SR13	9/12/2017 1:15	29.21	75.2	5.48	6.6	SR13	9/12/2017 7:15	29.00	72.9	5.29	6.8	SR13	9/12/2017 13:15	29.09	73.9	5.37	5.8	SR13	9/12/2017 19:15	29.55	78.4	5.72	5.8
SR13	9/12/2017 1:20	29.09	75.5	5.50	6.5	SR13	9/12/2017 7:20	29.08	71.4	5.19	6.9	SR13	9/12/2017 13:20	29.19	74.5	5.41	6.5	SR13	9/12/2017 19:20	29.52	77.7	5.66	5.1
SR13	9/12/2017 1:25	29.00	74.9	5.46	6.5	SR13	9/12/2017 7:25	29.25	72.6	5.27	6.4	SR13	9/12/2017 13:25	28.94	73.0	5.30	6.2	SR13	9/12/2017 19:25	29.43	79.1	5.76	4.9
SR13	9/12/2017 1:30	29.01	75.1	5.47	7.6	SR13	9/12/2017 7:30	29.23	72.6	5.27	6.6	SR13	9/12/2017 13:30	29.02	73.2	5.32	6.6	SR13	9/12/2017 19:30	29.30	78.3	5.70	5.8
SR13	9/12/2017 1:35	28.96	74.6	5.44	5.9	SR13	9/12/2017 7:35	29.08	72.1	5.23	6.4	SR13	9/12/2017 13:35	29.03	72.7	5.28	6.3	SR13	9/12/2017 19:35	29.28	78.4	5.71	5.7
SR13	9/12/2017 1:40	29.02	74.5	5.43	6.4	SR13	9/12/2017 7:40	29.01	71.8	5.22	6.4	SR13	9/12/2017 13:40	28.99	73.0	5.30	6.9	SR13	9/12/2017 19:40	29.12	77.9	5.68	5.4
SR13	9/12/2017 1:45	29.03	75.7	5.52	6.1	SR13	9/12/2017 7:45	29.13	71.4	5.18	6.7	SR13	9/12/2017 13:45	28.88	73.6	5.35	6.5	SR13	9/12/2017 19:45	29.23	77.5	5.64	4.8
SR13	9/12/2017 1:50	29.01	76.8	5.60	6.9	SR13	9/12/2017 7:50	29.21	72.5	5.26	6.5	SR13	9/12/2017 13:50	29.22	72.4	5.27	6.3	SR13	9/12/2017 19:50	29.12	76.5	5.58	5.4
SR13	9/12/2017 1:55	29.06	75.9	5.53	6.5	SR13	9/12/2017 7:55	29.13	71.5	5.19	6.0	SR13	9/12/2017 13:55	29.16	73.2	5.32	5.8	SR13	9/12/2017 19:55	29.14	76.5	5.57	5.2
SR13	9/12/2017 2:00	29.13	75.9	5.53	6.5	SR13	9/12/2017 8:00	29.13	71.8	5.22	6.6	SR13	9/12/2017 14:00	29.21	71.8	5.22	6.5	SR13	9/12/2017 20:00	29.17	75.4	5.49	6.1
SR13	9/12/2017 2:05	29.15	75.1	5.46	9.4	SR13	9/12/2017 8:05	29.20	71.1	5.16	6.4	SR13	9/12/2017 14:05	29.24	72.3	5.26	6.0	SR13	9/12/2017 20:05	29.27	76.1	5.54	5.4
SR13	9/12/2017 2:10	29.22	75.0	5.45	6.8	SR13	9/12/2017 8:10	29.23	71.2	5.17	6.0	SR13	9/12/2017 14:10	29.06	72.6	5.28	6.3	SR13	9/12/2017 20:10	29.18	73.8	5.37	4.8
SR13	9/12/2017 2:15	29.22	74.6	5.43	6.9	SR13	9/12/2017 8:15	29.16	71.9	5.22	6.0	SR13	9/12/2017 14:15	28.98	73.3	5.33	6.7	SR13	9/12/2017 20:15	29.26	74.5	5.42	5.4
SR13	9/12/2017 2:20	29.15	73.9	5.37	6.9	SR13	9/12/2017 8:20	29.13	71.5	5.19	6.8	SR13	9/12/2017 14:20	29.30	74.0	5.37	5.7	SR13	9/12/2017 20:20	29.32	73.0	5.31	5.2
SR13	9/12/2017 2:25	29.24	75.1	5.46	6.3	SR13	9/12/2017 8:25	29.17	72.1	5.23	6.0	SR13	9/12/2017 14:25	29.21	73.9	5.37	6.6	SR13	9/12/2017 20:25	29.27	71.3	5.18	5.8
SR13	9/12/2017 2:30	29.10	74.4	5.41	6.2	SR13	9/12/2017 8:30	29.22	72.0	5.23	6.0	SR13	9/12/2017 14:30	29.23	72.8	5.28	6.3	SR13	9/12/2017 20:30	29.18	71.7	5.20	5.7
SR13	9/12/2017 2:35	29.24	74.9	5.44	6.3	SR13	9/12/2017 8:35	29.26	71.3	5.18	6.0	SR13	9/12/2017 14:35	29.12	72.0	5.22	6.4	SR13	9/12/2017 20:35	29.31	69.3	5.03	5.4
SR13	9/12/2017 2:40	29.15	73.4	5.34	7.0	SR13	9/12/2017 8:40	29.48	71.1	5.16	6.2	SR13	9/12/2017 14:40	29.22	73.1	5.30	6.7	SR13	9/12/2017 20:40	29.28	70.5	5.11	5.2
SR13	9/12/2017 2:45	29.35	73.7	5.36	6.7	SR13	9/12/2017 8:45	29.31	71.8	5.21	6.6	SR13	9/12/2017 14:45	29.22	71.7	5.20	6.5	SR13	9/12/2017 20:45	29.24	69.3	5.03	5.5
SR13	9/12/2017 2:50	29.34	74.1	5.38	7.1	SR13	9/12/2017 8:50	29.48	72.0	5.23	6.2	SR13	9/12/2017 14:50	29.41	69.1	5.01	6.0	SR13	9/12/2017 20:50	29.19	70.0	5.08	5.5
SR13	9/12/2017 2:55	29.30	74.3	5.40	7.1	SR13	9/12/2017 8:55	29.35	71.3	5.18	6.2	SR13	9/12/2017 14:55	29.45	71.2	5.16	5.6	SR13	9/12/2017 20:55	29.22	69.7	5.06	5.8
SR13	9/12/2017 3:00	29.17	74.1	5.38	6.3	SR13	9/12/2017 9:00	29.42	71.4	5.19	7.0	SR13	9/12/2017 15:00	29.27	71.6	5.19	5.5	SR13	9/12/2017 21:00	29.10	70.2	5.09	5.5
SR13	9/12/2017 3:05	29.21	74.4	5.41	6.7	SR13	9/12/2017 9:05	29.46	71.4	5.19	5.8	SR13	9/12/2017 15:05	29.35	73.2	5.31	6.7	SR13	9/12/2017 21:05	29.15	70.4	5.11	5.9
SR13	9/12/2017 3:10	29.23	74.7	5.43	6.1	SR13	9/12/2017 9:10	29.30	71.0	5.16	7.0	SR13	9/12/2017 15:10	29.31	72.9	5.28	6.5	SR13	9/12/2017 21:10	28.98	70.1	5.09	5.8
SR13	9/12/2017 3:15	29.17	75.3	5.48	6.3	SR13	9/12/2017 9:15	29.34	71.5	5.19	5.8	SR13	9/12/2017 15:15	29.36	72.7	5.28	6.4	SR13	9/12/2017 21:15	28.96	69.8	5.07	6.4
SR13	9/12/2017 3:20	29.17	74.4	5.41	6.6	SR13	9/12/2017 9:20	29.38	70.4	5.11	6.7	SR13	9/12/2017 15:20	29.43	73.2	5.31	6.6	SR13	9/12/2017 21:20	29.18	69.8	5.07	6.2
SR13	9/12/2017 3:25	29.03	75.0	5.46	6.1	SR13	9/12/2017 9:25	29.51	70.7	5.14	5.7	SR13	9/12/2017 15:25	29.47	73.4	5.32	5.7	SR13	9/12/2017 21:25	29.09	69.9	5.07	5.8
SR13	9/12/2017 3:30	29.13	73.4	5.34	7.0	SR13	9/12/2017 9:30	29.35	71.6	5.20	6.0	SR13	9/12/2017 15:30	29.34	72.8	5.28	6.2	SR13	9/12/2017 21:30	29.29	70.1	5.08	5.5
SR13	9/12/2017 3:35	29.11	74.0	5.39	5.9	SR13	9/12/2017 9:35	29.50	70.8	5.14	6.3	SR13	9/12/2017 15:35	29.34	71.8	5.21	6.0	SR13	9/12/2017 21:35	29.15	69.5	5.05	5.4
SR13	9/12/2017 3:40	29.11	73.2	5.32	6.9	SR13	9/12/2017 9:40	29.60	70.4	5.12	6.8	SR13	9/12/2017 15:40	29.47	72.2	5.24	6.2	SR13	9/12/2017 21:40	29.05	70.0	5.08	5.5
SR13	9/12/2017 3:45	29.14	74.9	5.45	7.0	SR13	9/12/2017 9:45	29.50	70.8	5.14	6.3	SR13	9/12/2017 15:45	29.40	70.9	5.15	6.3	SR13	9/12/2017 21:45	29.05	69.1	5.01	5.9
SR13	9/12/2017 3:50	29.22	74.6	5.42	6.6	SR13	9/12/2017 9:50	29.44	70.6	5.13	6.5	SR13	9/12/2017 15:50	29.69	71.0	5.16	6.1	SR13	9/12/2017 21:50	29.19	68.5	4.97	5.3
SR13	9/12/2017 3:55	29.23	75.0	5.45	6.7	SR13	9/12/2017 9:55	29.38	71.2	5.17	6.3	SR13	9/12/2017 15:55	29.71	72.0	5.23	6.1	SR13	9/12/2017 21:55	29.06	69.3	5.03	5.7
SR13	9/12/2017 4:00	29.14	73.7	5.36	6.4	SR13	9/12/2017 10:00	29.17	71.7	5.20	6.2	SR13	9/12/2017 16:00	29.64	70.7	5.14	6.3	SR13	9/12/2017 22:00	29.11	69.4	5.03	5.5
SR13	9/12/2017 4:05	29.11	74.4	5.41	6.0	SR13	9/12/2017 10:05	29.18	71.4	5.18	6.2	SR13	9/12/2017 16:05	29.59	71.8	5.21	6.1	SR13	9/12/2017 22:05	29.04	69.3	5.03	5.8
SR13	9/12/2017 4:10	29.15	75.5	5.49	6.5	SR13	9/12/2017 10:10	29.23	71.1	5.17	6.4	SR13	9/12/2017 16:10	29.37	72.0	5.23	6.1	SR13	9/12/2017 22:10	29.14	69.4	5.04	5.4
SR13	9/12/2017 4:15	28.98	74.3	5.40	7.1	SR13	9/12/2017 10:15	29.26	71.3	5.18	6.3	SR13	9/12/2017 16:15	29.16	70.2	5.09	5.8	SR13	9/12/2017 22:15	29.19	69.8	5.06	5.4
SR13	9/12/2017 4:20	28.90	73.8	5.37	6.8	SR13	9/12/2017 10:20	29.21	70.9	5.15	6.1	SR13	9/12/2017 16:20	29.14	70.9	5.14	6.1	SR13	9/12/2017 22:20	29.15	70.0	5.08	5.0
SR13	9/12/2017 4:25	29.06	73.2	5.33	5.8	SR13	9/12/2017 10:25	29.13	70.8	5.14	6.1	SR13	9/12/2017 16:25	29.30	70.8	5.14	6.1	SR13	9/12/2017 22:25	29.17	69.2	5.02	6.1
SR13	9/12/2017 4:30	28.96	73.8	5.36	6.2	SR13	9/12/2017 10:30	28.35	71.4	5.19	6.7	SR13	9/12/2017 16:30	29.30	70.9	5.14	6.4	SR13	9/12/2017 22:30	29.15	69.9	5.08	5.7
SR13	9/12/2017 4:35	28.96	73.5	5.34	6.5	SR13	9/12/2017 10:35	28.11	71.0	5.16	6.5	SR13	9/12/2017 16:35	29.13	70.1	5.09	6.4	SR13	9/12/2017 22:35	29.10	69.0	5.01	5.4
SR13	9/12/2017 4:40	29.01	73.7	5.35	6.4	SR13	9/12/2017 10:40	28.99	70.9	5.15	6.7	SR13	9/12/2017 16:40	29.14	69.9	5.08	5.7	SR13	9/12/2017 22:40	29.07	69.7	5.06	6.1
SR13	9/12/2017 4:45	29.06	74.3	5.40	6.2	SR13	9/12/2017 10:45	28.03	70.8	5.14	6.7	SR13	9/12/2017 16:45	29.11	69.9	5.08	5.8	SR13	9/12/2017 22:45	29.10	69.0	5.01	5.9
SR13	9/12/2017 4:50	29.20	73.5	5.34	7.2	SR13	9/12/2017 10:50	28.89	71.2	5.17	7.1	SR13	9/12/2017 16:50	29.24	71.5	5.19	5.3	SR13	9/12/2017 22:50	29.20	69.5	5.05	5.7
SR13	9/12/2017 4:55	29.26	73.2	5.32	6.7	SR13	9/12/2017 10:55	28.92	70.8	5.14	6.3	SR13	9/12/2017 16:55	29.17	70.2	5.09	6.1	SR13	9/12/2017 22:55	29.34	70.0	5.08	6.3
SR13	9/12/2017 5:00	29.09	74.6	5.42	6.8	SR13	9/12/2017 11:00	29.00	70.5	5.12	6.2	SR13	9/12/2017 17:00	29.19	71.0	5.16	5.5	SR13	9/12/2017 23:00	29.15	70.1	5.09	5.5
SR13	9/12/2017 5:05	29.06	73.0	5.30	6.5	SR13	9/12/2017 11:05	28.97	71.3	5.18	6.6	SR13	9/12/2017 17:05	29.30	70.8	5.14	5.6	SR13	9/12/2017 23:05	28.96	69.9	5.07	4.8
SR13	9/12/2017 5:10	29.12	73.4	5.33	7.1	SR13	9/12/2017 11:10	28.97	72.2	5.25	6.1	SR13	9/12/2017 17:10	29.41	73.1	5.31	6.1	SR13	9/12/2017 23:10	28.97	69.8	5.07	5.2
SR13	9/12/2017 5:15	29.11	73.8	5.35	6.9	SR13	9/12/2017 11:15	29.00	71.3	5.19	6.2	SR13	9/12/2017 17:15	29.43	73.0	5.31	6.0	SR13	9/12/2017 23:15	29.06	69.9	5.08	5.3
SR13	9/12/2017 5:20	29.25	73.6	5.34	6.3	SR13	9/12/2017 11:20	29.03	72.2	5.26	6.6	SR13	9/12/2017 17:20	29.60	73.8	5.36	5.0	SR13	9/12/2017 23:20	28.92	70.7	5.14	4.9
SR13	9/12/2017 5:25	29.28	73.2	5.31	6.4	SR13	9/12/2017 11:25	29.05	72.1	5.25	6.4	SR13	9/12/2017 17:25	29.77	75.1	5.46	5.0	SR13	9/12/2017 23:25	28.87	70.3	5.11	5.7
SR13	9/12/2017 5:30	29.12	72.4	5.26	6.2	SR13	9/12/2017 11:30	28.87	72.0	5.24	6.8	SR13	9/12/2017 17:30	29.64	74.7	5.43	6.3	SR13	9/12/2017 23:30	29.04	69.9	5.09	6.0
SR13	9/12/2017 5:35	29.08	73.5	5.34	6.4	SR13	9/12/2017 11:35	28.93	71.1	5.17	6.0	SR13	9/12/2017 17:35	29.46	75.9	5.51	5.5	SR13	9/12/2017 23:35	28.98	71.1	5.17	6.1
SR13	9/12/2017 5:40	29.24	73.4	5.33	6.9	SR13	9/12/2017 11:40	28.96	72.6	5.28	6.7	SR13	9/12/2017 17:40	29.60	76.5	5.56	5.6	SR13	9/12/2017 23:40	28.95	69.7	5.07	5.7
SR13	9/12/2017 5:45	29.15	72.9	5.29	6.6	SR13	9/12/2017 11:45	29.03	71.7	5.21	6.0	SR13	9/12/2017 17:45	29.65	79.1	5.75	6.0	SR13	9/12/2017 23:45	29.05	71.3	5.19	6.0
SR13	9/12/2017 5:50	29.12	72.2	5.24	6.3	SR13	9/12/2017 11:50	29.13	72.4	5.27	6.0	SR13	9/12/2017 17:50	29.61	78.2	5.69	5.6	SR13	9/12/2017 23:50	28.92	71.0	5.16	6.2
SR13	9/12/2017 5:55	29.24	72.1	5.23	6.5	SR13	9/12/2017 11:55	29.03	72.5	5.27	6.5	SR13	9/12/2017 17:55	29.60	78.3	5.69	5.7	SR13	9/12/2017 23:55	28.94	70.8	5.15	6.4

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	9/12/2017 0:17	0.12				SR12	9/12/2017 0:17	0.07			
SR4	9/12/2017 0:37	0.11				SR12	9/12/2017 0:37	0.08			
SR4	9/12/2017 0:57	0.12				SR12	9/12/2017 0:57	0.09			
SR4	9/12/2017 1:17	0.12				SR12	9/12/2017 1:17	0.08			
SR4	9/12/2017 1:37	0.11				SR12	9/12/2017 1:37	0.07			
SR4	9/12/2017 1:57	0.11				SR12	9/12/2017 1:57	0.09			
SR4	9/12/2017 2:17	0.10				SR12	9/12/2017 2:17	0.10			
SR4	9/12/2017 2:37	0.09				SR12	9/12/2017 2:37	0.09			
SR4	9/12/2017 2:57	0.10				SR12	9/12/2017 2:57	0.09			
SR4	9/12/2017 3:17	0.10				SR12	9/12/2017 3:17	0.08			
SR4	9/12/2017 3:37	0.11				SR12	9/12/2017 3:37	0.07			
SR4	9/12/2017 3:57	0.11				SR12	9/12/2017 3:57	0.08			
SR4	9/12/2017 4:17	0.11				SR12	9/12/2017 4:17	0.07			
SR4	9/12/2017 4:37	0.12				SR12	9/12/2017 4:37	0.07			
SR4	9/12/2017 4:57	0.11				SR12	9/12/2017 4:57	0.07			
SR4	9/12/2017 5:17	0.11				SR12	9/12/2017 5:17	0.07			
SR4	9/12/2017 5:37	0.12				SR12	9/12/2017 5:37	0.06			
SR4	9/12/2017 5:57	0.12				SR12	9/12/2017 5:57	0.07			
SR4						SR12					
SR4	9/12/2017 6:37	0.11				SR12	9/12/2017 6:37	0.05			
SR4	9/12/2017 6:57	0.12				SR12	9/12/2017 6:57	0.05			
SR4	9/12/2017 7:17	0.13				SR12	9/12/2017 7:17	0.04			
SR4	9/12/2017 7:37	0.13				SR12	9/12/2017 7:37	0.04			
SR4	9/12/2017 7:57	0.11				SR12	9/12/2017 7:57	0.05			
SR4	9/12/2017 8:17	0.12				SR12	9/12/2017 8:17	0.04			
SR4	9/12/2017 8:37	0.10				SR12	9/12/2017 8:37	0.05			
SR4	9/12/2017 8:57	0.10				SR12	9/12/2017 8:57	0.04			
SR4	9/12/2017 9:17	0.09				SR12	9/12/2017 9:17	0.03			
SR4	9/12/2017 9:37	0.11				SR12	9/12/2017 9:37	0.03			
SR4	9/12/2017 9:57	0.12				SR12	9/12/2017 9:57	0.04			
SR4	9/12/2017 10:17	0.11				SR12	9/12/2017 10:17	0.04			
SR4	9/12/2017 10:37	0.12				SR12	9/12/2017 10:37	0.03			
SR4	9/12/2017 10:57	0.12				SR12	9/12/2017 10:57	0.04			
SR4	9/12/2017 11:17	0.13				SR12	9/12/2017 11:17	0.03			
SR4	9/12/2017 11:37	0.12				SR12	9/12/2017 11:37	0.04			
SR4	9/12/2017 11:57	0.12				SR12	9/12/2017 11:57	0.06			
SR4	9/12/2017 12:17	0.12				SR12	9/12/2017 12:17	0.06			
SR4	9/12/2017 12:37	0.13				SR12	9/12/2017 12:37	0.05			
SR4	9/12/2017 12:57	0.11				SR12	9/12/2017 12:57	0.04			
SR4	9/12/2017 13:17	0.10				SR12	9/12/2017 13:17	0.05			
SR4	9/12/2017 13:37	0.11				SR12	9/12/2017 13:37	0.06			
SR4	9/12/2017 13:57	0.11				SR12	9/12/2017 13:57	0.06			
SR4	9/12/2017 14:17	0.12				SR12	9/12/2017 14:17	0.05			
SR4	9/12/2017 14:37	0.11				SR12	9/12/2017 14:37	0.05			
SR4	9/12/2017 14:57	0.10				SR12	9/12/2017 14:57	0.06			
SR4	9/12/2017 15:17	0.10				SR12	9/12/2017 15:17	0.04			
SR4	9/12/2017 15:37	0.09				SR12	9/12/2017 15:37	0.04			
SR4	9/12/2017 15:57	0.09				SR12	9/12/2017 15:57	0.04			
SR4	9/12/2017 16:17	0.08				SR12	9/12/2017 16:17	0.04			
SR4	9/12/2017 16:37	0.08				SR12	9/12/2017 16:37	0.05			
SR4	9/12/2017 16:57	0.08				SR12	9/12/2017 16:57	0.06			
SR4	9/12/2017 17:17	0.06				SR12	9/12/2017 17:17	0.06			
SR4	9/12/2017 17:37	0.06				SR12	9/12/2017 17:37	0.05			
SR4	9/12/2017 17:57	0.07				SR12	9/12/2017 17:57	0.05			
SR4	9/12/2017 18:17	0.06				SR12	9/12/2017 18:17	0.04			
SR4	9/12/2017 18:37	0.07				SR12	9/12/2017 18:37	0.03			
SR4	9/12/2017 18:57	0.08				SR12	9/12/2017 18:57	0.05			
SR4	9/12/2017 19:17	0.08				SR12	9/12/2017 19:17	0.06			
SR4	9/12/2017 19:37	0.07				SR12	9/12/2017 19:37	0.07			
SR4	9/12/2017 19:57	0.08				SR12	9/12/2017 19:57	0.07			
SR4	9/12/2017 20:17	0.07				SR12	9/12/2017 20:17	0.06			
SR4	9/12/2017 20:37	0.06				SR12	9/12/2017 20:37	0.06			
SR4	9/12/2017 20:57	0.07				SR12	9/12/2017 20:57	0.05			
SR4	9/12/2017 21:17	0.08				SR12	9/12/2017 21:17	0.05			
SR4	9/12/2017 21:37	0.07				SR12	9/12/2017 21:37	0.04			
SR4	9/12/2017 21:57	0.07				SR12	9/12/2017 21:57	0.03			
SR4	9/12/2017 22:17	0.06				SR12	9/12/2017 22:17	0.04			
SR4	9/12/2017 22:37	0.06				SR12	9/12/2017 22:37	0.04			
SR4	9/12/2017 22:57	0.06				SR12	9/12/2017 22:57	0.04			
SR4	9/12/2017 23:17	0.06				SR12	9/12/2017 23:17	0.05			
SR4	9/12/2017 23:37	0.06				SR12	9/12/2017 23:37	0.04			
SR4	9/12/2017 23:57	0.06				SR12	9/12/2017 23:57	0.05			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.
SR5 monitoring station was under maintenance during 13:10-13:30.

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR4	9/13/2017 0:01	28.54	75.8	5.79	6.9	SR4	9/13/2017 6:01	28.41	85.3	6.50	7.0	SR4	9/13/2017 12:01	28.60	70.5	5.34	7.6	SR4	9/13/2017 18:01	29.41	77.7	5.81	7.3
SR4	9/13/2017 0:06	28.54	75.7	5.78	**10.6**	SR4	9/13/2017 6:06	28.55	92.8	7.06	7.4	SR4	9/13/2017 12:06	28.66	71.8	5.44	8.4	SR4	9/13/2017 18:06	29.25	74.9	5.61	8.3
SR4	9/13/2017 0:11	28.41	75.0	5.72	**10.5**	SR4	9/13/2017 6:11	28.38	97.7	7.44	8.6	SR4						SR4	9/13/2017 18:11	29.31	72.2	5.42	8.6
SR4	9/13/2017 0:16	28.50	75.2	5.75	8.5	SR4	9/13/2017 6:16	28.56	99.2	7.55	9.2	SR4						SR4	9/13/2017 18:16	29.47	72.1	5.41	7.9
SR4	9/13/2017 0:21	28.36	75.1	5.73	7.7	SR4	9/13/2017 6:21	28.42	105.5	8.03	8.2	SR4						SR4	9/13/2017 18:21	29.35	72.3	5.43	7.1
SR4	9/13/2017 0:26	28.48	75.2	5.73	8.1	SR4	9/13/2017 6:26	28.54	106.3	8.10	9.6	SR4						SR4	9/13/2017 18:26	29.33	72.7	5.46	**10.0**
SR4	9/13/2017 0:31	28.51	75.2	5.73	**10.5**	SR4	9/13/2017 6:31	28.70	105.7	8.06	9.3	SR4						SR4	9/13/2017 18:31	29.25	72.9	5.47	6.9
SR4	9/13/2017 0:36	28.43	75.6	5.77	9.0	SR4	9/13/2017 6:36	28.98	106.2	8.11	7.8	SR4						SR4	9/13/2017 18:36	29.23	73.8	5.54	6.2
SR4	9/13/2017 0:41	28.33	75.4	5.76	7.1	SR4	9/13/2017 6:41	29.04	105.8	8.08	8.8	SR4						SR4	9/13/2017 18:41	29.30	73.7	5.52	7.1
SR4	9/13/2017 0:46	28.47	75.8	5.79	7.4	SR4	9/13/2017 6:46	29.10	106.1	8.11	8.9	SR4						SR4	9/13/2017 18:46	29.29	73.4	5.50	8.0
SR4	9/13/2017 0:51	28.40	76.9	5.86	7.7	SR4	9/13/2017 6:51	29.26	105.9	8.10	7.8	SR4						SR4	9/13/2017 18:51	29.42	73.1	5.48	6.2
SR4	9/13/2017 0:56	29.13	77.4	5.90	7.0	SR4	9/13/2017 6:56	29.26	106.0	8.11	7.0	SR4						SR4	9/13/2017 18:56	29.31	73.2	5.49	8.3
SR4	9/13/2017 1:01	28.60	78.4	5.98	8.5	SR4	9/13/2017 7:01	29.24	105.9	8.10	9.3	SR4						SR4	9/13/2017 19:01	29.27	74.5	5.57	8.9
SR4	9/13/2017 1:06	28.50	80.1	6.11	9.3	SR4	9/13/2017 7:06	29.20	105.9	8.11	9.6	SR4						SR4	9/13/2017 19:06	29.33	72.0	5.40	8.8
SR4	9/13/2017 1:11	28.51	81.4	6.21	**11.1**	SR4	9/13/2017 7:11	29.18	106.1	8.12	6.5	SR4						SR4	9/13/2017 19:11	29.26	70.7	5.30	7.2
SR4	9/13/2017 1:16	28.61	80.0	6.11	**11.2**	SR4	9/13/2017 7:16	29.14	106.0	8.12	6.6	SR4	9/13/2017 13:16	28.88	75.9	5.68	8.7	SR4	9/13/2017 19:16	29.21	70.4	5.28	8.1
SR4	9/13/2017 1:21	28.57	81.7	6.24	**10.1**	SR4	9/13/2017 7:21	29.12	106.1	8.13	**10.3**	SR4	9/13/2017 13:21	28.83	75.6	5.66	**10.0**	SR4	9/13/2017 19:21	29.20	70.8	5.31	7.5
SR4	9/13/2017 1:26	28.61	83.1	6.35	**10.1**	SR4	9/13/2017 7:26	29.11	106.0	8.12	**10.0**	SR4	9/13/2017 13:26	28.75	77.9	5.80	7.0	SR4	9/13/2017 19:26	29.24	71.8	5.38	**10.4**
SR4	9/13/2017 1:31	28.41	83.8	6.39	8.8	SR4	9/13/2017 7:31	29.12	105.9	8.11	6.8	SR4	9/13/2017 13:31	28.77	77.3	5.78	6.1	SR4	9/13/2017 19:31	29.31	70.1	5.26	8.3
SR4	9/13/2017 1:36	28.55	85.1	6.50	**10.4**	SR4	9/13/2017 7:36	29.13	106.0	8.12	**10.4**	SR4	9/13/2017 13:36	28.90	77.1	5.77	9.7	SR4	9/13/2017 19:36	29.23	69.9	5.25	7.4
SR4	9/13/2017 1:41	28.43	84.6	6.47	7.5	SR4	9/13/2017 7:41	29.20	105.8	8.11	**10.4**	SR4	9/13/2017 13:41	29.05	76.9	5.76	6.7	SR4	9/13/2017 19:41	29.26	69.5	5.23	7.7
SR4	9/13/2017 1:46	28.54	85.0	6.49	6.5	SR4	9/13/2017 7:46	29.25	105.8	8.11	9.4	SR4	9/13/2017 13:46	29.39	77.9	5.82	7.0	SR4	9/13/2017 19:46	29.16	68.8	5.17	8.7
SR4	9/13/2017 1:51	28.43	84.2	6.43	9.2	SR4	9/13/2017 7:51	29.31	106.0	8.13	**10.1**	SR4	9/13/2017 13:51	29.65	77.4	5.79	6.3	SR4	9/13/2017 19:51	29.18	70.5	5.30	6.3
SR4	9/13/2017 1:56	28.36	78.2	5.97	7.4	SR4	9/13/2017 7:56	29.34	105.9	8.12	9.1	SR4	9/13/2017 13:56	29.27	77.5	5.80	6.7	SR4	9/13/2017 19:56	29.07	69.3	5.22	8.6
SR4	9/13/2017 2:01	28.49	78.1	5.95	9.1	SR4	9/13/2017 8:01	29.38	104.2	7.99	7.7	SR4	9/13/2017 14:01	29.17	77.0	5.76	**10.5**	SR4	9/13/2017 20:01	29.03	71.1	5.34	6.7
SR4	9/13/2017 2:06	28.34	77.8	5.93	7.3	SR4	9/13/2017 8:06	29.41	105.9	8.11	6.1	SR4	9/13/2017 14:06	29.52	78.9	5.88	7.4	SR4	9/13/2017 20:06	29.03	74.4	5.58	6.3
SR4	9/13/2017 2:11	28.43	75.2	5.72	7.6	SR4	9/13/2017 8:11	29.42	105.7	8.10	**10.1**	SR4	9/13/2017 14:11	29.36	79.0	5.88	9.3	SR4	9/13/2017 20:11	29.22	74.2	5.57	**10.4**
SR4	9/13/2017 2:16	28.46	74.1	5.64	8.2	SR4	9/13/2017 8:16	29.20	105.9	8.11	9.6	SR4	9/13/2017 14:16	29.42	80.0	5.96	9.5	SR4	9/13/2017 20:16	29.20	73.8	5.54	6.9
SR4	9/13/2017 2:21	28.46	74.3	5.65	8.8	SR4	9/13/2017 8:21	28.51	105.9	8.11	6.5	SR4	9/13/2017 14:21	29.48	79.3	5.91	**10.5**	SR4	9/13/2017 20:21	29.14	71.9	5.40	8.1
SR4	9/13/2017 2:26	28.42	75.0	5.71	8.2	SR4	9/13/2017 8:26	28.33	103.2	7.85	8.8	SR4	9/13/2017 14:26	29.71	79.2	5.90	6.7	SR4	9/13/2017 20:26	29.05	73.8	5.54	6.2
SR4	9/13/2017 2:31	28.38	75.4	5.75	7.4	SR4	9/13/2017 8:31	28.38	104.7	7.97	**10.0**	SR4	9/13/2017 14:31	29.41	79.8	5.95	7.2	SR4	9/13/2017 20:31	29.08	74.1	5.57	9.9
SR4	9/13/2017 2:36	28.40	75.7	5.77	8.4	SR4	9/13/2017 8:36	28.57	97.7	7.42	6.2	SR4	9/13/2017 14:36	29.47	80.9	6.02	7.4	SR4	9/13/2017 20:36	29.06	74.1	5.57	**10.1**
SR4	9/13/2017 2:41	28.34	74.2	5.65	8.1	SR4	9/13/2017 8:41	28.68	102.8	7.80	6.6	SR4	9/13/2017 14:41	29.16	79.4	5.94	**10.1**	SR4	9/13/2017 20:41	29.03	75.9	5.70	6.2
SR4	9/13/2017 2:46	28.45	74.4	5.66	6.5	SR4	9/13/2017 8:46	28.59	101.9	7.74	6.0	SR4	9/13/2017 14:46	29.28	79.5	5.95	**10.1**	SR4	9/13/2017 20:46	29.08	75.2	5.65	9.8
SR4	9/13/2017 2:51	28.52	74.2	5.65	6.4	SR4	9/13/2017 8:51	28.70	98.1	7.44	7.3	SR4	9/13/2017 14:51	29.41	76.1	5.73	7.2	SR4	9/13/2017 20:51	29.18	74.6	5.61	7.1
SR4	9/13/2017 2:56	29.06	74.2	5.66	8.1	SR4	9/13/2017 8:56	28.71	90.5	6.86	8.6	SR4	9/13/2017 14:56	29.26	76.3	5.76	**10.5**	SR4	9/13/2017 20:56	29.11	72.7	5.46	6.5
SR4	9/13/2017 3:01	28.34	72.2	5.49	7.3	SR4	9/13/2017 9:01	28.60	86.1	6.53	8.4	SR4	9/13/2017 15:01	29.51	79.9	5.91	7.9	SR4	9/13/2017 21:01	29.18	72.0	5.41	9.2
SR4	9/13/2017 3:06	28.47	70.8	5.38	6.7	SR4	9/13/2017 9:06	28.65	74.7	5.66	9.2	SR4	9/13/2017 15:06	29.52	80.7	5.97	**10.3**	SR4	9/13/2017 21:06	29.12	72.8	5.47	7.0
SR4	9/13/2017 3:11	28.57	69.8	5.30	7.9	SR4	9/13/2017 9:11	28.68	68.5	5.18	8.9	SR4	9/13/2017 15:11	29.35	80.4	5.95	9.3	SR4	9/13/2017 21:11	29.12	75.7	5.70	8.2
SR4	9/13/2017 3:16	28.53	68.9	5.24	9.4	SR4	9/13/2017 9:16	28.76	70.2	5.31	**10.5**	SR4	9/13/2017 15:16	29.25	78.9	5.88	8.1	SR4	9/13/2017 21:16	29.07	74.8	5.63	8.0
SR4	9/13/2017 3:21	28.46	68.7	5.23	6.5	SR4	9/13/2017 9:21	28.64	68.1	5.15	6.7	SR4	9/13/2017 15:21	29.28	78.7	5.84	9.6	SR4	9/13/2017 21:21	29.11	73.0	5.49	8.3
SR4	9/13/2017 3:26	28.40	68.2	5.18	8.2	SR4	9/13/2017 9:26	28.74	67.6	5.11	**10.2**	SR4	9/13/2017 15:26	29.21	78.8	5.86	8.1	SR4	9/13/2017 21:26	29.00	72.3	5.44	7.4
SR4	9/13/2017 3:31	28.65	67.7	5.14	7.9	SR4	9/13/2017 9:31	28.53	69.2	5.23	**10.5**	SR4	9/13/2017 15:31	29.46	76.9	5.73	**10.4**	SR4	9/13/2017 21:31	29.19	70.7	5.32	7.3
SR4	9/13/2017 3:36	28.62	67.4	5.12	9.4	SR4	9/13/2017 9:36	28.48	68.6	5.17	8.3	SR4	9/13/2017 15:36	29.46	74.6	5.58	8.0	SR4	9/13/2017 21:36	29.09	70.6	5.31	6.1
SR4	9/13/2017 3:41	28.68	67.4	5.13	6.0	SR4	9/13/2017 9:41	28.43	69.5	5.24	8.1	SR4	9/13/2017 15:41	29.03	70.7	5.31	9.6	SR4	9/13/2017 21:41	29.10	73.3	5.51	8.2
SR4	9/13/2017 3:46	28.58	66.9	5.09	7.0	SR4	9/13/2017 9:46	28.53	68.6	5.17	9.0	SR4	9/13/2017 15:46	29.50	67.2	5.07	8.2	SR4	9/13/2017 21:46	29.19	70.8	5.32	8.0
SR4	9/13/2017 3:51	28.66	66.2	5.04	6.9	SR4	9/13/2017 9:51	28.59	68.6	5.17	**10.5**	SR4	9/13/2017 15:51	29.76	67.5	5.10	7.1	SR4	9/13/2017 21:51	29.15	73.6	5.53	**10.3**
SR4	9/13/2017 3:56	28.53	65.6	4.99	8.8	SR4	9/13/2017 9:56	28.50	68.7	5.17	6.2	SR4	9/13/2017 15:56	29.87	68.2	5.14	9.1	SR4	9/13/2017 21:56	29.08	69.8	5.25	9.2
SR4	9/13/2017 4:01	28.49	67.2	5.12	8.8	SR4	9/13/2017 10:01	28.58	68.7	5.17	6.3	SR4	9/13/2017 16:01	30.01	69.0	5.20	8.4	SR4	9/13/2017 22:01	29.11	69.0	5.18	**10.4**
SR4	9/13/2017 4:06	28.41	68.3	5.19	7.4	SR4	9/13/2017 10:06	28.57	67.8	5.11	8.9	SR4	9/13/2017 16:06	30.15	68.6	5.18	6.5	SR4	9/13/2017 22:06	29.14	69.5	5.22	6.9
SR4	9/13/2017 4:11	28.45	70.0	5.33	6.3	SR4	9/13/2017 10:11	28.58	66.5	5.02	9.9	SR4	9/13/2017 16:11	30.04	69.7	5.25	9.4	SR4	9/13/2017 22:11	29.12	70.4	5.28	**10.0**
SR4	9/13/2017 4:16	28.47	69.7	5.31	8.1	SR4	9/13/2017 10:16	28.61	66.3	5.02	6.7	SR4	9/13/2017 16:16	30.08	71.0	5.33	9.9	SR4	9/13/2017 22:16	29.05	70.1	5.26	7.5
SR4	9/13/2017 4:21	28.47	70.0	5.34	7.9	SR4	9/13/2017 10:21	28.56	66.9	5.06	6.3	SR4	9/13/2017 16:21	30.02	70.1	5.28	6.9	SR4	9/13/2017 22:21	28.96	69.3	5.20	7.4
SR4	9/13/2017 4:26	28.55	72.9	5.58	**10.3**	SR4	9/13/2017 10:26	28.66	66.0	4.99	8.0	SR4	9/13/2017 16:26	29.97	71.2	5.36	7.4	SR4	9/13/2017 22:26	29.02	69.8	5.24	6.9
SR4	9/13/2017 4:31	28.49	70.9	5.42	6.2	SR4	9/13/2017 10:31	28.59	67.6	5.11	6.4	SR4	9/13/2017 16:31	29.85	71.2	5.35	6.4	SR4	9/13/2017 22:31	29.16	72.1	5.42	9.3
SR4	9/13/2017 4:36	28.54	69.3	5.29	7.1	SR4	9/13/2017 10:36	28.53	67.8	5.13	7.5	SR4	9/13/2017 16:36	29.80	70.5	5.31	7.7	SR4	9/13/2017 22:36	28.96	72.8	5.48	6.6
SR4	9/13/2017 4:41	28.39	69.2	5.28	8.1	SR4	9/13/2017 10:41	28.61	68.4	5.16	8.7	SR4	9/13/2017 16:41	30.09	68.8	5.19	9.2	SR4	9/13/2017 22:41	29.08	72.6	5.46	6.1
SR4	9/13/2017 4:46	28.57	69.2	5.28	9.3	SR4	9/13/2017 10:46	28.53	68.4	5.16	**10.2**	SR4	9/13/2017 16:46	30.07	70.5	5.33	8.4	SR4	9/13/2017 22:46	29.06	73.2	5.49	8.0
SR4	9/13/2017 4:51	28.56	68.7	5.24	6.2	SR4	9/13/2017 10:51	28.63	68.8	5.18	8.2	SR4	9/13/2017 16:51	29.94	69.9	5.28	7.7	SR4	9/13/2017 22:51	29.07	73.6	5.53	9.1
SR4	9/13/2017 4:56	29.05	68.4	5.22	**10.4**	SR4	9/13/2017 10:56	29.78	68.1	5.14	9.5	SR4	9/13/2017 16:56	29.84	70.5	5.33	9.5	SR4	9/13/2017 22:56	29.00	72.9	5.49	8.0
SR4	9/13/2017 5:01	29.05	68.6	5.23	7.3	SR4	9/13/2017 11:01	30.15	68.9	5.20	9.1	SR4	9/13/2017 17:01	29.63	72.2	5.46	7.3	SR4	9/13/2017 23:01	29.10	72.5	5.45	8.0
SR4	9/13/2017 5:06	28.49	68.6	5.23	7.4	SR4	9/13/2017 11:06	30.30	68.7	5.19	6.5	SR4	9/13/2017 17:06	29.75	73.1	5.51	7.6	SR4	9/13/2017 23:06	29.13	72.7	5.46	**10.4**
SR4	9/13/2017 5:11	28.40	67.8	5.16	9.6	SR4	9/13/2017 11:11	30.22	68.8	5.20	**10.3**	SR4	9/13/2017 17:11	29.69	74.4	5.59	8.2	SR4	9/13/2017 23:11	28.94	72.2	5.43	**10.3**
SR4	9/13/2017 5:16	28.39	67.6	5.15	6.6	SR4	9/13/2017 11:16	30.28	70.5	5.30	9.6	SR4	9/13/2017 17:16	29.68	73.7	5.53	9.2	SR4	9/13/2017 23:16	29.06	73.1	5.49	8.6
SR4	9/13/2017 5:21	28.41	69.8	5.32	7.1	SR4	9/13/2017 11:21	30.20	69.5	5.24	9.5	SR4	9/13/2017 17:21	29.54	74.2	5.55	7.6	SR4	9/13/2017 23:21	29.02	69.8	5.27	6.3
SR4	9/13/2017 5:26	28.46	68.2	5.19	7.2	SR4	9/13/2017 11:26	30.19	69.9	5.27	6.5	SR4	9/13/2017 17:26	29.65	74.3	5.55	7.8	SR4	9/13/2017 23:26	29.07	70.2	5.30	6.4
SR4	9/13/2017 5:31	28.50	67.5	5.14	9.3	SR4	9/13/2017 11:31	29.72	68.6	5.20	7.0	SR4	9/13/2017 17:31	29.54	73.5	5.50	9.1	SR4	9/13/2017 23:31	28.93	71.4	5.37	7.4
SR4	9/13/2017 5:36	28.45	68.1	5.18	9.0	SR4	9/13/2017 11:36	28.62	68.6	5.20	9.2	SR4	9/13/2017 17:36	29.50	72.1	5.41	6.0	SR4	9/13/2017 23:36	28.99	70.9	5.34	7.5
SR4	9/13/2017 5:41	28.39	68.8	5.24	7.4	SR4	9/13/2017 11:41	28.50	68.8	5.22	8.2	SR4	9/13/2017 17:41	29.58	70.8	5.33	8.7	SR4	9/13/2017 23:41	28.92	70.8	5.33	8.1
SR4	9/13/2017 5:46	28.43	69.0	5.26	7.9	SR4	9/13/2017 11:46	28.65	69.2	5.26	6.2	SR4	9/13/2017 17:46	29.60	69.4	5.25	8.8	SR4	9/13/2017 23:46	28.90	71.6	5.40	7.3
SR4	9/13/2017 5:51	28.53	70.1	5.34	9.7	SR4	9/13/2017 11:51	28.61	69.7	5.29	6.9	SR4	9/13/2017 17:51	29.53	76.2	5.70	8.0	SR4	9/13/2017 23:51	28.95	72.0	5.43	**10.1**
SR4	9/13/2017 5:56	28.41	78.7	5.99	7.5	SR4	9/13/2017 11:56	28.74	70.1	5.32	**10.3**	SR4	9/13/2017 17:56	29.49	77.9	5.81	9.8	SR4	9/13/2017 23:56	28.89	72.5	5.46	6.1

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR5	9/13/2017 0:00	29.70	74.7	5.52	3.5	SR5	9/13/2017 6:00	29.45	84.4	6.17	2.9	SR5	9/13/2017 12:00	30.05	74.9	5.45	3.9	SR5	9/13/2017 18:00	29.74	79.9	5.79	2.5
SR5	9/13/2017 0:05	29.72	75.5	5.58	3.4	SR5	9/13/2017 6:05	29.49	89.5	6.55	3.0	SR5	9/13/2017 12:05	30.13	75.5	5.49	4.0	SR5	9/13/2017 18:05	29.80	78.0	5.65	3.6
SR5	9/13/2017 0:10	29.73	75.0	5.54	3.4	SR5	9/13/2017 6:10	29.49	91.3	6.69	3.2	SR5	9/13/2017 12:10	30.01	73.3	5.34	3.1	SR5	9/13/2017 18:10	30.00	76.8	5.56	2.7
SR5	9/13/2017 0:15	29.69	74.2	5.49	3.0	SR5	9/13/2017 6:15	29.47	92.4	6.76	3.3	SR5	9/13/2017 12:15	30.11	73.7	5.41	3.8	SR5	9/13/2017 18:15	30.04	76.5	5.54	4.2
SR5	9/13/2017 0:20	29.70	75.0	5.54	2.9	SR5	9/13/2017 6:20	29.45	94.8	6.96	3.1	SR5	9/13/2017 12:20	30.22	73.7	5.42	2.2	SR5	9/13/2017 18:20	29.94	75.9	5.50	3.2
SR5	9/13/2017 0:25	29.74	80.6	5.83	3.0	SR5	9/13/2017 6:25	29.44	96.6	7.09	3.4	SR5	9/13/2017 12:25	30.13	74.2	5.46	3.7	SR5	9/13/2017 18:25	29.98	76.2	5.53	3.8
SR5	9/13/2017 0:30	29.71	81.6	5.90	3.4	SR5	9/13/2017 6:30	29.33	94.7	6.96	3.3	SR5	9/13/2017 12:30	30.26	73.0	5.37	4.0	SR5	9/13/2017 18:30	29.94	75.8	5.49	2.0
SR5	9/13/2017 0:35	29.71	81.4	5.90	3.1	SR5	9/13/2017 6:35	29.23	95.7	7.03	3.1	SR5	9/13/2017 12:35	30.14	73.3	5.39	2.4	SR5	9/13/2017 18:35	29.89	75.6	5.48	3.5
SR5	9/13/2017 0:40	29.70	80.8	5.85	2.8	SR5	9/13/2017 6:40	29.26	95.5	7.02	3.2	SR5	9/13/2017 12:40	30.14	73.3	5.39	3.9	SR5	9/13/2017 18:40	29.86	75.7	5.49	2.3
SR5	9/13/2017 0:45	29.72	81.1	5.87	2.9	SR5	9/13/2017 6:45	29.26	95.3	7.01	3.3	SR5	9/13/2017 12:45	30.13	73.3	5.39	2.6	SR5	9/13/2017 18:45	29.86	80.9	5.82	3.1
SR5	9/13/2017 0:50	29.63	82.8	5.99	2.9	SR5	9/13/2017 6:50	29.26	95.0	6.99	3.1	SR5	9/13/2017 12:50	30.13	74.6	5.48	2.5	SR5	9/13/2017 18:50	29.86	80.8	5.82	4.0
SR5	9/13/2017 0:55	29.58	82.1	5.95	3.8	SR5	9/13/2017 6:55	29.25	95.1	7.00	2.9	SR5	9/13/2017 12:55	30.10	74.9	5.50	2.6	SR5	9/13/2017 18:55	29.79	81.1	5.84	4.2
SR5	9/13/2017 1:00	29.62	83.5	6.05	4.7	SR5	9/13/2017 7:00	29.23	94.2	6.93	3.3	SR5	9/13/2017 13:00	30.03	74.8	5.48	2.7	SR5	9/13/2017 19:00	29.82	82.1	5.91	3.2
SR5	9/13/2017 1:05	29.61	83.2	6.03	3.6	SR5	9/13/2017 7:05	29.21	95.0	6.99	3.4	SR5	9/13/2017 13:05	30.08	75.8	5.55	2.7	SR5	9/13/2017 19:05	29.86	80.9	5.83	4.2
SR5	9/13/2017 1:10	29.60	84.1	6.11	4.2	SR5	9/13/2017 7:10	29.19	94.9	6.99	2.8	SR5	9/13/2017 13:10	30.06	78.3	5.61	2.9	SR5	9/13/2017 19:10	29.82	80.3	5.79	2.2
SR5	9/13/2017 1:15	29.59	83.6	6.07	3.0	SR5	9/13/2017 7:15	29.17	94.9	6.99	2.9	SR5	9/13/2017 13:15	30.06	77.9	5.58	2.8	SR5	9/13/2017 19:15	29.92	79.8	5.75	2.8
SR5	9/13/2017 1:20	29.57	84.8	6.16	4.2	SR5	9/13/2017 7:20	29.13	94.3	6.95	3.5	SR5	9/13/2017 13:20	30.04	77.5	5.55	3.0	SR5	9/13/2017 19:20	30.06	80.7	5.82	4.0
SR5	9/13/2017 1:25	29.55	87.0	6.32	3.1	SR5	9/13/2017 7:25	29.10	92.9	6.85	3.4	SR5	9/13/2017 13:25	30.26	78.8	5.63	2.5	SR5	9/13/2017 19:25	30.05	81.4	5.87	3.3
SR5	9/13/2017 1:30	29.57	86.5	6.28	2.8	SR5	9/13/2017 7:30	29.13	92.9	6.85	2.9	SR5	9/13/2017 13:30	30.18	78.4	5.61	2.4	SR5	9/13/2017 19:30	30.19	80.3	5.80	3.7
SR5	9/13/2017 1:35	29.59	87.2	6.34	2.4	SR5	9/13/2017 7:35	29.15	93.5	6.89	3.5	SR5	9/13/2017 13:35	30.15	78.4	5.61	3.0	SR5	9/13/2017 19:35	30.17	80.2	5.79	4.1
SR5	9/13/2017 1:40	29.56	85.9	6.25	4.0	SR5	9/13/2017 7:40	29.17	93.0	6.86	3.5	SR5	9/13/2017 13:40	30.15	79.2	5.66	2.5	SR5	9/13/2017 19:40	30.18	80.2	5.79	3.9
SR5	9/13/2017 1:45	29.49	87.0	6.33	2.2	SR5	9/13/2017 7:45	29.20	93.1	6.87	3.4	SR5	9/13/2017 13:45	30.17	79.8	5.70	2.5	SR5	9/13/2017 19:45	30.16	79.4	5.73	3.0
SR5	9/13/2017 1:50	29.45	86.5	6.30	2.1	SR5	9/13/2017 7:50	29.24	93.5	6.90	3.5	SR5	9/13/2017 13:50	30.21	79.3	5.67	2.4	SR5	9/13/2017 19:50	30.11	79.9	5.77	4.0
SR5	9/13/2017 1:55	29.47	84.0	6.10	4.2	SR5	9/13/2017 7:55	29.28	92.6	6.84	3.3	SR5	9/13/2017 13:55	30.17	78.8	5.64	2.5	SR5	9/13/2017 19:55	30.09	79.1	5.73	3.1
SR5	9/13/2017 2:00	29.44	84.3	6.12	3.1	SR5	9/13/2017 8:00	29.32	91.7	6.76	3.1	SR5	9/13/2017 14:00	30.15	78.5	5.62	3.1	SR5	9/13/2017 20:00	30.04	80.2	5.80	3.6
SR5	9/13/2017 2:05	29.43	83.8	6.08	1.8	SR5	9/13/2017 8:05	29.37	89.9	6.64	2.8	SR5	9/13/2017 14:05	30.04	79.2	5.66	2.6	SR5	9/13/2017 20:05	30.05	81.8	5.92	3.2
SR5	9/13/2017 2:10	29.50	82.2	5.95	2.4	SR5	9/13/2017 8:10	29.41	89.9	6.70	3.5	SR5	9/13/2017 14:10	30.02	80.9	5.77	2.9	SR5	9/13/2017 20:10	29.97	81.7	5.91	4.2
SR5	9/13/2017 2:15	29.52	81.9	5.93	3.4	SR5	9/13/2017 8:15	29.47	89.9	6.69	3.4	SR5	9/13/2017 14:15	30.20	82.0	5.85	2.9	SR5	9/13/2017 20:15	29.97	82.7	5.98	2.9
SR5	9/13/2017 2:20	29.44	82.2	5.95	4.0	SR5	9/13/2017 8:20	29.49	90.6	6.74	2.9	SR5	9/13/2017 14:20	29.65	80.2	5.73	3.1	SR5	9/13/2017 20:20	30.01	81.3	5.88	2.8
SR5	9/13/2017 2:25	29.44	81.6	5.92	4.1	SR5	9/13/2017 8:25	29.49	88.2	6.54	3.3	SR5	9/13/2017 14:25	29.58	79.6	5.69	2.5	SR5	9/13/2017 20:25	29.95	82.6	5.98	2.0
SR5	9/13/2017 2:30	29.44	82.1	5.95	3.7	SR5	9/13/2017 8:30	29.50	89.1	6.61	3.5	SR5	9/13/2017 14:30	29.53	79.8	5.70	2.5	SR5	9/13/2017 20:30	29.81	83.8	6.07	3.5
SR5	9/13/2017 2:35	29.46	81.2	5.89	4.0	SR5	9/13/2017 8:35	29.50	85.6	6.34	2.8	SR5	9/13/2017 14:35	29.65	80.7	5.76	2.6	SR5	9/13/2017 20:35	29.79	83.9	6.07	2.5
SR5	9/13/2017 2:40	29.45	80.7	5.85	2.8	SR5	9/13/2017 8:40	29.51	88.2	6.53	2.9	SR5	9/13/2017 14:40	29.46	79.5	5.69	3.0	SR5	9/13/2017 20:40	29.79	84.4	6.11	3.2
SR5	9/13/2017 2:45	29.49	80.3	5.82	2.8	SR5	9/13/2017 8:45	29.52	88.6	6.56	2.8	SR5	9/13/2017 14:45	29.69	80.0	5.73	3.0	SR5	9/13/2017 20:45	29.72	84.6	6.12	2.9
SR5	9/13/2017 2:50	29.48	80.3	5.82	2.7	SR5	9/13/2017 8:50	29.54	86.5	6.40	3.0	SR5	9/13/2017 14:50	29.40	78.5	5.63	2.5	SR5	9/13/2017 20:50	29.64	83.6	6.06	3.4
SR5	9/13/2017 2:55	29.45	79.0	5.73	3.0	SR5	9/13/2017 8:55	29.53	81.8	6.04	3.2	SR5	9/13/2017 14:55	29.34	78.8	5.66	3.0	SR5	9/13/2017 20:55	29.65	84.2	6.09	3.9
SR5	9/13/2017 3:00	29.49	78.3	5.67	2.9	SR5	9/13/2017 9:00	29.52	80.5	5.94	3.2	SR5	9/13/2017 15:00	29.55	81.4	5.79	2.6	SR5	9/13/2017 21:00	29.66	83.0	6.01	2.2
SR5	9/13/2017 3:05	29.57	78.1	5.64	2.8	SR5	9/13/2017 9:05	29.53	77.2	5.61	2.5	SR5	9/13/2017 15:05	30.07	82.1	5.84	3.0	SR5	9/13/2017 21:05	29.68	83.9	6.07	3.3
SR5	9/13/2017 3:10	29.59	76.7	5.54	3.0	SR5	9/13/2017 9:10	29.55	74.3	5.39	3.7	SR5	9/13/2017 15:10	29.96	82.1	5.84	2.8	SR5	9/13/2017 21:10	29.77	85.7	6.21	4.3
SR5	9/13/2017 3:15	29.47	74.5	5.37	3.3	SR5	9/13/2017 9:15	29.56	74.8	5.43	4.1	SR5	9/13/2017 15:15	30.18	80.4	5.74	2.6	SR5	9/13/2017 21:15	29.80	86.5	6.26	3.7
SR5	9/13/2017 3:20	29.46	73.9	5.33	2.8	SR5	9/13/2017 9:20	29.54	73.5	5.33	2.8	SR5	9/13/2017 15:20	30.24	80.3	5.72	2.8	SR5	9/13/2017 21:20	29.82	85.0	6.15	4.9
SR5	9/13/2017 3:25	29.48	73.1	5.27	3.1	SR5	9/13/2017 9:25	29.60	73.7	5.34	3.8	SR5	9/13/2017 15:25	30.22	80.6	5.75	2.6	SR5	9/13/2017 21:25	29.82	85.6	6.19	3.6
SR5	9/13/2017 3:30	29.53	73.1	5.26	3.0	SR5	9/13/2017 9:30	29.62	75.3	5.46	4.8	SR5	9/13/2017 15:30	30.14	79.3	5.66	2.9	SR5	9/13/2017 21:30	29.85	83.9	6.07	5.0
SR5	9/13/2017 3:35	29.53	72.4	5.21	3.2	SR5	9/13/2017 9:35	29.60	74.2	5.37	3.6	SR5	9/13/2017 15:35	30.13	77.4	5.53	2.5	SR5	9/13/2017 21:35	29.84	83.9	6.07	4.1
SR5	9/13/2017 3:40	29.53	72.2	5.21	2.7	SR5	9/13/2017 9:40	29.58	75.2	5.45	2.9	SR5	9/13/2017 15:40	30.02	76.0	5.44	2.8	SR5	9/13/2017 21:40	29.79	84.0	6.08	5.3
SR5	9/13/2017 3:45	29.51	74.3	5.36	2.9	SR5	9/13/2017 9:45	29.56	74.8	5.41	4.5	SR5	9/13/2017 15:45	29.99	76.0	5.43	2.6	SR5	9/13/2017 21:45	29.78	83.2	6.02	4.7
SR5	9/13/2017 3:50	29.43	72.0	5.20	2.8	SR5	9/13/2017 9:50	29.61	74.9	5.42	4.5	SR5	9/13/2017 15:50	29.99	76.0	5.44	2.4	SR5	9/13/2017 21:50	29.82	84.1	6.08	4.1
SR5	9/13/2017 3:55	29.48	72.3	5.21	3.2	SR5	9/13/2017 9:55	29.61	74.4	5.38	3.7	SR5	9/13/2017 15:55	30.04	75.4	5.40	2.7	SR5	9/13/2017 21:55	29.79	83.4	6.03	3.8
SR5	9/13/2017 4:00	29.54	72.5	5.24	3.2	SR5	9/13/2017 10:00	29.64	75.9	5.49	2.1	SR5	9/13/2017 16:00	30.19	76.5	5.47	2.6	SR5	9/13/2017 22:00	29.83	84.2	6.08	5.3
SR5	9/13/2017 4:05	29.60	73.7	5.31	2.9	SR5	9/13/2017 10:05	29.60	75.6	5.47	2.9	SR5	9/13/2017 16:05	30.17	75.2	5.39	2.3	SR5	9/13/2017 22:05	29.92	83.7	6.05	4.8
SR5	9/13/2017 4:10	29.61	74.4	5.37	2.8	SR5	9/13/2017 10:10	29.59	76.4	5.53	3.4	SR5	9/13/2017 16:10	30.06	74.4	5.33	2.8	SR5	9/13/2017 22:10	29.99	84.2	6.07	5.5
SR5	9/13/2017 4:15	29.63	74.8	5.41	3.1	SR5	9/13/2017 10:15	29.58	75.6	5.48	1.7	SR5	9/13/2017 16:15	30.29	76.5	5.46	2.9	SR5	9/13/2017 22:15	30.00	84.4	6.09	2.8
SR5	9/13/2017 4:20	29.62	75.0	5.43	3.0	SR5	9/13/2017 10:20	29.60	76.2	5.52	2.9	SR5	9/13/2017 16:20	30.39	73.4	5.27	2.3	SR5	9/13/2017 22:20	29.94	84.4	6.09	4.0
SR5	9/13/2017 4:25	29.55	76.3	5.54	3.5	SR5	9/13/2017 10:25	29.62	75.1	5.44	4.1	SR5	9/13/2017 16:25	30.45	75.4	5.40	2.4	SR5	9/13/2017 22:25	29.92	84.4	6.09	5.0
SR5	9/13/2017 4:30	29.54	74.7	5.41	2.7	SR5	9/13/2017 10:30	29.61	77.3	5.60	3.5	SR5	9/13/2017 16:30	30.41	73.4	5.32	2.3	SR5	9/13/2017 22:30	29.93	84.5	6.11	4.5
SR5	9/13/2017 4:35	29.47	70.3	**5.10**	2.9	SR5	9/13/2017 10:35	29.64	75.7	5.49	3.8	SR5	9/13/2017 16:35	30.36	74.9	5.44	2.5	SR5	9/13/2017 22:35	29.97	83.8	6.08	3.5
SR5	9/13/2017 4:40	29.52	73.6	5.33	3.1	SR5	9/13/2017 10:40	29.70	76.8	5.56	3.9	SR5	9/13/2017 16:40	30.38	74.2	5.39	2.7	SR5	9/13/2017 22:40	29.92	83.6	6.06	3.4
SR5	9/13/2017 4:45	29.42	73.6	5.33	3.3	SR5	9/13/2017 10:45	29.74	76.8	5.56	4.7	SR5	9/13/2017 16:45	30.43	75.1	5.46	2.6	SR5	9/13/2017 22:45	29.95	83.9	6.07	2.9
SR5	9/13/2017 4:50	29.47	73.7	5.33	2.8	SR5	9/13/2017 10:50	29.75	76.6	5.54	2.9	SR5	9/13/2017 16:50	30.44	73.6	5.35	2.5	SR5	9/13/2017 22:50	29.94	83.7	6.06	5.3
SR5	9/13/2017 4:55	29.44	73.2	5.29	3.5	SR5	9/13/2017 10:55	29.69	76.1	5.51	3.8	SR5	9/13/2017 16:55	30.38	73.8	5.37	2.8	SR5	9/13/2017 22:55	29.94	83.0	6.02	4.5
SR5	9/13/2017 5:00	29.38	74.2	5.40	3.0	SR5	9/13/2017 11:00	29.67	76.6	5.54	3.5	SR5	9/13/2017 17:00	30.39	75.7	5.51	2.4	SR5	9/13/2017 23:00	29.97	82.8	5.99	3.6
SR5	9/13/2017 5:05	29.36	74.4	5.41	3.0	SR5	9/13/2017 11:05	29.71	75.6	5.48	2.3	SR5	9/13/2017 17:05	30.34	76.2	5.54	2.5	SR5	9/13/2017 23:05	29.97	83.9	6.07	5.1
SR5	9/13/2017 5:10	29.33	73.6	5.36	3.4	SR5	9/13/2017 11:10	29.69	76.4	5.54	2.8	SR5	9/13/2017 17:10	30.27	76.4	5.54	2.6	SR5	9/13/2017 23:10	29.95	83.5	6.05	3.1
SR5	9/13/2017 5:15	29.31	73.3	5.33	2.8	SR5	9/13/2017 11:15	29.60	77.1	5.58	4.2	SR5	9/13/2017 17:15	30.24	76.2	5.52	2.8	SR5	9/13/2017 23:15	29.85	83.7	6.06	2.8
SR5	9/13/2017 5:20	29.31	74.8	5.45	2.9	SR5	9/13/2017 11:20	29.66	76.7	5.55	3.1	SR5	9/13/2017 17:20	30.33	75.9	5.50	2.5	SR5	9/13/2017 23:20	29.76	81.9	5.94	2.4
SR5	9/13/2017 5:25	29.39	74.8	5.44	2.9	SR5	9/13/2017 11:25	29.87	76.2	5.52	2.9	SR5	9/13/2017 17:25	30.31	77.9	5.63	2.5	SR5	9/13/2017 23:25	29.76	81.8	5.93	2.4
SR5	9/13/2017 5:30	29.38	73.6	5.35	3.3	SR5	9/13/2017 11:30	29.87	74.2	5.39	3.3	SR5	9/13/2017 17:30	30.23	76.8	5.56	2.7	SR5	9/13/2017 23:30	29.77	82.6	5.98	2.6
SR5	9/13/2017 5:35	29.39	74.5	5.42	3.2	SR5	9/13/2017 11:35	30.00	74.2	5.39	3.9	SR5	9/13/2017 17:35	30.20	75.2	5.45	2.2	SR5	9/13/2017 23:35	29.77	82.8	6.00	2.6
SR5	9/13/2017 5:40	29.43	74.9	5.45	3.0	SR5	9/13/2017 11:40	30.02	74.9	5.44	4.1	SR5	9/13/2017 17:40	30.17	74.0	5.37	3.2	SR5	9/13/2017 23:40	29.74	83.0	6.01	2.7
SR5	9/13/2017 5:45	29.45	75.1	5.47	3.1	SR5	9/13/2017 11:45	30.05	74.7	5.43	2.5	SR5	9/13/2017 17:45	30.21	75.7	5.50	4.3	SR5	9/13/2017 23:45	29.70	83.1	6.03	2.6
SR5	9/13/2017 5:50	29.47	75.1	5.47	3.4	SR5	9/13/2017 11:50	30.06	75.1	5.46	3.9	SR5	9/13/2017 17:50	30.13	77.8	5.64	3.8	SR5	9/13/2017 23:50	29.64	84.2	6.10	3.1
SR5	9/13/2017 5:55	29.47	80.9	5.90	3.0	SR5	9/13/2017 11:55	30.10	75.6	5.50	4.5	SR5	9/13/2017 17:55	29.99	78.6	5.69	2.4	SR5	9/13/2017 23:55	29.45	85.5	6.18	2.4

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR12	9/13/2017 0:01	28.31	78.2	5.78	6.7	SR12	9/13/2017 6:01	28.37	82.9	6.13	7.4	SR12	9/13/2017 12:01	28.82	75.7	5.56	6.7	SR12	9/13/2017 18:01	29.35	76.1	5.57	8.6
SR12	9/13/2017 0:06	28.38	78.9	5.82	9.8	SR12	9/13/2017 6:06	28.40	87.5	6.47	7.8	SR12	9/13/2017 12:06	28.75	76.0	5.58	8.9	SR12	9/13/2017 18:06	29.24	75.6	5.53	7.8
SR12	9/13/2017 0:11	28.34	78.5	5.79	8.1	SR12	9/13/2017 6:11	28.44	89.3	6.61	8.2	SR12	9/13/2017 12:11	28.76	76.3	5.60	9.0	SR12	9/13/2017 18:11	29.68	74.9	5.48	8.0
SR12	9/13/2017 0:16	28.40	78.6	5.81	7.2	SR12	9/13/2017 6:16	28.35	91.5	6.77	7.7	SR12	9/13/2017 12:16	29.32	76.8	5.64	9.2	SR12	9/13/2017 18:16	29.72	74.6	5.46	6.9
SR12	9/13/2017 0:21	28.46	78.6	5.80	6.4	SR12	9/13/2017 6:21	28.43	94.8	7.02	7.5	SR12	9/13/2017 12:21	29.48	76.9	5.65	7.0	SR12	9/13/2017 18:21	29.68	74.7	5.47	7.3
SR12	9/13/2017 0:26	28.51	78.9	5.81	7.5	SR12	9/13/2017 6:26	28.57	93.5	6.93	9.2	SR12	9/13/2017 12:26	29.53	76.3	5.61	7.6	SR12	9/13/2017 18:26	29.35	74.2	5.43	8.0
SR12	9/13/2017 0:31	28.52	78.2	5.77	9.3	SR12	9/13/2017 6:31	28.66	94.9	7.03	7.2	SR12	9/13/2017 12:31	29.23	76.3	5.61	8.9	SR12	9/13/2017 18:31	29.26	74.3	5.44	7.9
SR12	9/13/2017 0:36	28.51	78.2	5.77	6.9	SR12	9/13/2017 6:36	28.89	94.6	7.02	8.1	SR12	9/13/2017 12:36	28.71	76.4	5.61	7.9	SR12	9/13/2017 18:36	29.15	75.6	5.54	7.6
SR12	9/13/2017 0:41	28.53	78.6	5.80	8.0	SR12	9/13/2017 6:41	28.95	93.8	6.96	6.5	SR12	9/13/2017 12:41	28.97	76.0	5.58	9.9	SR12	9/13/2017 18:41	29.23	75.2	5.50	6.8
SR12	9/13/2017 0:46	28.52	79.2	5.85	7.6	SR12	9/13/2017 6:46	28.94	93.4	6.94	8.2	SR12	9/13/2017 12:46	28.86	75.8	5.57	7.1	SR12	9/13/2017 18:46	29.24	74.9	5.48	7.1
SR12	9/13/2017 0:51	28.52	79.5	5.86	7.8	SR12	9/13/2017 6:51	29.27	94.9	7.05	5.9	SR12	9/13/2017 12:51	28.80	76.4	5.61	6.5	SR12	9/13/2017 18:51	29.16	74.8	5.47	6.8
SR12	9/13/2017 0:56	29.01	79.3	5.85	8.0	SR12	9/13/2017 6:56	29.27	93.6	6.95	5.9	SR12	9/13/2017 12:56	28.82	77.3	5.67	8.1	SR12	9/13/2017 18:56	29.20	74.6	5.46	7.6
SR12	9/13/2017 1:01	28.50	80.1	5.91	6.8	SR12	9/13/2017 7:01	29.25	94.2	7.00	7.1	SR12	9/13/2017 13:01	28.70	77.6	5.68	7.9	SR12	9/13/2017 19:01	29.19	75.5	5.52	9.4
SR12	9/13/2017 1:06	28.49	80.6	5.95	8.6	SR12	9/13/2017 7:06	29.22	94.3	7.01	7.9	SR12	9/13/2017 13:06	28.96	77.0	5.64	8.7	SR12	9/13/2017 19:06	29.16	74.0	5.41	**10.2**
SR12	9/13/2017 1:11	28.45	81.4	6.01	8.6	SR12	9/13/2017 7:11	29.21	94.0	6.98	5.7	SR12	9/13/2017 13:11	28.98	77.0	5.63	8.4	SR12	9/13/2017 19:11	29.11	73.9	5.41	8.5
SR12	9/13/2017 1:16	28.49	80.4	5.94	9.2	SR12	9/13/2017 7:16	29.19	94.2	7.00	5.8	SR12	9/13/2017 13:16	29.05	76.5	5.59	8.4	SR12	9/13/2017 19:16	29.16	74.1	5.42	6.8
SR12	9/13/2017 1:21	28.41	81.2	6.00	8.6	SR12	9/13/2017 7:21	29.14	93.5	6.96	7.3	SR12	9/13/2017 13:21	29.35	77.5	5.67	8.9	SR12	9/13/2017 19:21	29.10	73.4	5.37	8.5
SR12	9/13/2017 1:26	28.41	82.8	6.12	9.1	SR12	9/13/2017 7:26	29.13	93.6	6.96	8.5	SR12	9/13/2017 13:26	29.06	77.5	5.65	7.1	SR12	9/13/2017 19:26	29.11	74.6	5.45	8.7
SR12	9/13/2017 1:31	28.36	83.2	6.15	8.6	SR12	9/13/2017 7:31	29.12	94.3	7.01	7.3	SR12	9/13/2017 13:31	29.00	77.2	5.64	6.2	SR12	9/13/2017 19:31	29.12	73.1	5.35	7.8
SR12	9/13/2017 1:36	28.44	83.4	6.17	8.7	SR12	9/13/2017 7:36	29.14	93.3	6.94	7.9	SR12	9/13/2017 13:36	29.29	78.5	5.74	7.7	SR12	9/13/2017 19:36	29.11	73.2	5.36	7.0
SR12	9/13/2017 1:41	28.33	84.2	6.23	6.0	SR12	9/13/2017 7:41	29.16	93.4	6.95	9.2	SR12	9/13/2017 13:41	29.32	78.2	5.72	7.2	SR12	9/13/2017 19:41	29.05	73.1	5.35	8.3
SR12	9/13/2017 1:46	28.37	83.3	6.16	5.7	SR12	9/13/2017 7:46	29.21	93.8	6.98	6.6	SR12	9/13/2017 13:46	29.11	78.7	5.75	7.0	SR12	9/13/2017 19:46	29.06	73.2	5.36	7.5
SR12	9/13/2017 1:51	28.40	83.7	6.19	7.3	SR12	9/13/2017 7:51	29.27	93.6	6.96	8.5	SR12	9/13/2017 13:51	29.05	77.4	5.66	6.6	SR12	9/13/2017 19:51	29.02	73.6	5.39	7.5
SR12	9/13/2017 1:56	28.36	80.3	5.93	6.9	SR12	9/13/2017 7:56	29.31	93.6	6.97	6.8	SR12	9/13/2017 13:56	29.04	78.3	5.73	7.5	SR12	9/13/2017 19:56	29.01	73.4	5.38	9.0
SR12	9/13/2017 2:01	28.43	80.3	5.92	7.9	SR12	9/13/2017 8:01	29.35	92.5	6.88	6.1	SR12	9/13/2017 14:01	28.99	77.0	5.63	9.1	SR12	9/13/2017 20:01	28.95	74.1	5.43	6.3
SR12	9/13/2017 2:06	28.33	79.7	5.88	7.5	SR12	9/13/2017 8:06	29.41	93.4	6.95	6.6	SR12	9/13/2017 14:06	28.96	79.2	5.78	7.8	SR12	9/13/2017 20:06	29.03	75.7	5.54	5.9
SR12	9/13/2017 2:11	28.38	79.2	5.83	7.9	SR12	9/13/2017 8:11	29.43	93.8	6.97	7.8	SR12	9/13/2017 14:11	28.98	78.6	5.73	8.9	SR12	9/13/2017 20:11	29.03	75.5	5.53	8.7
SR12	9/13/2017 2:16	28.42	78.0	5.74	6.7	SR12	9/13/2017 8:16	29.25	93.7	6.97	8.5	SR12	9/13/2017 14:16	28.93	79.1	5.77	9.5	SR12	9/13/2017 20:16	29.08	74.9	5.48	7.6
SR12	9/13/2017 2:21	28.44	77.6	5.72	7.7	SR12	9/13/2017 8:21	28.78	93.4	6.95	5.5	SR12	9/13/2017 14:21	28.95	78.8	5.75	9.7	SR12	9/13/2017 20:21	29.08	74.3	5.44	8.8
SR12	9/13/2017 2:26	28.39	78.0	5.75	8.0	SR12	9/13/2017 8:26	28.51	92.7	6.86	6.4	SR12	9/13/2017 14:26	28.92	78.3	5.71	6.1	SR12	9/13/2017 20:26	29.13	75.3	5.51	6.3
SR12	9/13/2017 2:31	28.44	78.8	5.81	7.7	SR12	9/13/2017 8:31	28.54	93.0	6.89	8.2	SR12	9/13/2017 14:31	29.04	78.1	5.71	7.0	SR12	9/13/2017 20:31	29.07	75.9	5.56	7.8
SR12	9/13/2017 2:36	28.41	78.9	5.82	7.6	SR12	9/13/2017 8:36	28.53	89.3	6.60	5.8	SR12	9/13/2017 14:36	29.13	79.0	5.76	7.9	SR12	9/13/2017 20:36	29.04	75.1	5.50	8.2
SR12	9/13/2017 2:41	28.44	79.0	5.82	6.6	SR12	9/13/2017 8:41	28.62	92.7	6.85	5.7	SR12	9/13/2017 14:41	29.00	77.2	5.65	9.4	SR12	9/13/2017 20:41	29.05	76.8	5.63	5.9
SR12	9/13/2017 2:46	28.46	77.5	5.71	6.1	SR12	9/13/2017 8:46	28.53	91.7	6.78	6.4	SR12	9/13/2017 14:46	29.02	78.3	5.73	7.8	SR12	9/13/2017 20:46	29.09	75.4	5.53	7.8
SR12	9/13/2017 2:51	28.47	78.0	5.75	6.1	SR12	9/13/2017 8:51	28.58	90.1	6.65	7.2	SR12	9/13/2017 14:51	28.95	75.3	5.53	8.1	SR12	9/13/2017 20:51	29.04	76.0	5.57	8.4
SR12	9/13/2017 2:56	28.45	77.7	5.73	8.3	SR12	9/13/2017 8:56	28.53	85.9	6.34	8.5	SR12	9/13/2017 14:56	29.00	75.3	5.53	9.7	SR12	9/13/2017 20:56	29.14	74.2	5.43	7.6
SR12	9/13/2017 3:01	29.06	76.6	5.64	6.2	SR12	9/13/2017 9:01	28.51	83.6	6.16	7.5	SR12	9/13/2017 15:01	29.02	77.1	5.61	8.6	SR12	9/13/2017 21:01	29.09	74.1	5.43	7.5
SR12	9/13/2017 3:06	28.64	77.1	5.67	5.9	SR12	9/13/2017 9:06	28.49	77.8	5.72	6.4	SR12	9/13/2017 15:06	29.20	78.6	5.72	8.7	SR12	9/13/2017 21:06	29.07	74.5	5.46	8.0
SR12	9/13/2017 3:11	28.67	75.4	5.54	8.4	SR12	9/13/2017 9:11	28.37	74.2	5.44	8.3	SR12	9/13/2017 15:11	29.09	78.0	5.67	7.6	SR12	9/13/2017 21:11	29.08	75.7	5.56	8.5
SR12	9/13/2017 3:16	28.61	76.3	5.61	9.4	SR12	9/13/2017 9:16	28.38	74.7	5.48	9.9	SR12	9/13/2017 15:16	28.84	78.0	5.69	7.8	SR12	9/13/2017 21:16	29.04	75.6	5.54	6.6
SR12	9/13/2017 3:21	28.68	75.5	5.56	6.8	SR12	9/13/2017 9:21	28.43	73.7	5.41	6.8	SR12	9/13/2017 15:21	29.15	77.7	5.66	9.0	SR12	9/13/2017 21:21	29.05	75.0	5.50	8.8
SR12	9/13/2017 3:26	28.54	75.3	5.53	7.5	SR12	9/13/2017 9:26	28.37	74.1	5.43	8.5	SR12	9/13/2017 15:26	29.46	77.4	5.65	6.8	SR12	9/13/2017 21:26	29.08	74.9	5.49	7.9
SR12	9/13/2017 3:31	28.55	75.0	5.51	7.3	SR12	9/13/2017 9:31	28.42	74.5	5.47	8.3	SR12	9/13/2017 15:31	29.50	76.0	5.55	8.2	SR12	9/13/2017 21:31	29.06	74.0	5.42	8.0
SR12	9/13/2017 3:36	28.46	75.3	5.53	8.1	SR12	9/13/2017 9:36	28.36	73.9	5.42	8.0	SR12	9/13/2017 15:36	29.88	75.8	5.54	7.1	SR12	9/13/2017 21:36	29.02	73.2	5.36	9.2
SR12	9/13/2017 3:41	28.51	75.0	5.51	6.6	SR12	9/13/2017 9:41	28.49	74.7	5.48	6.8	SR12	9/13/2017 15:41	29.65	72.5	5.31	9.4	SR12	9/13/2017 21:41	29.07	74.5	5.46	6.9
SR12	9/13/2017 3:46	28.45	74.9	5.51	7.3	SR12	9/13/2017 9:46	28.47	74.2	5.44	8.3	SR12	9/13/2017 15:46	29.46	71.6	5.25	6.8	SR12	9/13/2017 21:46	29.14	73.4	5.37	7.9
SR12	9/13/2017 3:51	28.44	74.0	5.44	7.7	SR12	9/13/2017 9:51	28.47	74.3	5.44	9.1	SR12	9/13/2017 15:51	29.58	72.0	5.28	7.8	SR12	9/13/2017 21:51	29.13	75.0	5.49	7.9
SR12	9/13/2017 3:56	28.45	73.7	5.42	7.1	SR12						SR12	9/13/2017 15:56	29.49	71.7	5.26	8.0	SR12	9/13/2017 21:56	29.11	73.6	5.39	9.1
SR12	9/13/2017 4:01	28.39	74.8	5.50	7.4	SR12						SR12	9/13/2017 16:01	29.35	72.2	5.29	8.1	SR12	9/13/2017 22:01	29.07	73.3	5.36	**10.8**
SR12	9/13/2017 4:06	28.41	74.9	5.51	8.0	SR12						SR12	9/13/2017 16:06	29.14	72.3	5.30	5.9	SR12	9/13/2017 22:06	29.01	73.6	5.39	8.4
SR12	9/13/2017 4:11	28.45	75.3	5.54	5.9	SR12						SR12	9/13/2017 16:11	29.62	72.7	5.33	8.8	SR12	9/13/2017 22:11	29.01	73.9	5.41	**10.2**
SR12	9/13/2017 4:16	28.51	75.3	5.55	8.0	SR12						SR12	9/13/2017 16:16	29.54	73.0	5.35	7.7	SR12	9/13/2017 22:16	28.97	73.0	5.34	7.2
SR12	9/13/2017 4:21	28.51	75.3	5.55	8.0	SR12						SR12	9/13/2017 16:21	29.50	73.0	5.35	8.4	SR12	9/13/2017 22:21	28.99	72.6	5.31	7.1
SR12	9/13/2017 4:26	28.45	77.7	5.74	8.3	SR12						SR12	9/13/2017 16:26	29.38	73.5	5.39	7.2	SR12	9/13/2017 22:26	29.06	73.1	5.35	7.0
SR12	9/13/2017 4:31	28.41	76.5	5.64	5.4	SR12						SR12	9/13/2017 16:31	29.27	73.3	5.37	7.7	SR12	9/13/2017 22:31	28.99	73.9	5.41	7.6
SR12	9/13/2017 4:36	28.39	76.0	5.60	6.6	SR12						SR12	9/13/2017 16:36	29.34	72.8	5.34	7.5	SR12	9/13/2017 22:36	29.00	75.1	5.51	8.0
SR12	9/13/2017 4:41	28.39	75.9	5.59	7.9	SR12						SR12	9/13/2017 16:41	29.20	72.6	5.32	7.6	SR12	9/13/2017 22:41	28.97	74.5	5.46	6.1
SR12	9/13/2017 4:46	28.44	76.1	5.61	7.8	SR12						SR12	9/13/2017 16:46	29.22	73.3	5.38	8.0	SR12	9/13/2017 22:46	28.96	74.7	5.47	7.8
SR12	9/13/2017 4:51	28.42	75.0	5.53	5.6	SR12						SR12	9/13/2017 16:51	29.18	72.1	5.29	8.5	SR12	9/13/2017 22:51	28.99	75.6	5.54	8.3
SR12	9/13/2017 4:56	28.99	75.3	5.55	8.6	SR12						SR12	9/13/2017 16:56	29.23	73.1	5.37	8.5	SR12	9/13/2017 22:56	28.91	75.1	5.51	7.9
SR12	9/13/2017 5:01	28.90	76.0	5.59	7.2	SR12	9/13/2017 11:01	28.46	74.4	5.45	8.4	SR12	9/13/2017 17:01	29.26	73.4	5.39	8.3	SR12	9/13/2017 23:01	28.91	74.4	5.45	7.7
SR12	9/13/2017 5:06	28.38	74.6	5.50	6.4	SR12	9/13/2017 11:06	28.37	74.9	5.49	6.5	SR12	9/13/2017 17:06	29.36	73.7	5.41	7.9	SR12	9/13/2017 23:06	28.97	74.7	5.47	9.4
SR12	9/13/2017 5:11	28.42	74.2	5.46	7.5	SR12	9/13/2017 11:11	28.37	74.7	5.48	8.1	SR12	9/13/2017 17:11	29.25	74.7	5.47	8.9	SR12	9/13/2017 23:11	28.97	74.6	5.46	8.3
SR12	9/13/2017 5:16	28.45	74.8	5.50	7.8	SR12	9/13/2017 11:16	28.36	74.8	5.48	7.5	SR12	9/13/2017 17:16	29.38	74.5	5.45	8.9	SR12	9/13/2017 23:16	28.85	75.1	5.50	**10.0**
SR12	9/13/2017 5:21	28.37	75.7	5.57	6.2	SR12	9/13/2017 11:21	28.33	75.0	5.49	8.1	SR12	9/13/2017 17:21	29.38	74.6	5.46	8.5	SR12	9/13/2017 23:21	28.93	73.4	5.39	7.1
SR12	9/13/2017 5:26	28.41	76.1	5.60	7.6	SR12	9/13/2017 11:26	28.38	75.4	5.53	6.2	SR12	9/13/2017 17:26	29.35	74.3	5.43	7.3	SR12	9/13/2017 23:26	28.85	73.6	5.40	7.2
SR12	9/13/2017 5:31	28.50	74.8	5.50	8.9	SR12	9/13/2017 11:31	28.47	74.0	5.44	7.5	SR12	9/13/2017 17:31	29.24	74.2	5.42	7.5	SR12	9/13/2017 23:31	28.85	74.6	5.46	7.6
SR12	9/13/2017 5:36	28.43	74.9	5.51	8.2	SR12	9/13/2017 11:36	28.50	74.4	5.46	8.6	SR12	9/13/2017 17:36	29.22	74.2	5.43	6.2	SR12	9/13/2017 23:36	28.91	73.6	5.39	8.9
SR12	9/13/2017 5:41	28.38	74.9	5.51	8.0	SR12	9/13/2017 11:41	28.49	74.1	5.45	8.0	SR12	9/13/2017 17:41	29.50	72.9	5.34	7.3	SR12	9/13/2017 23:41	28.95	73.8	5.41	7.7
SR12	9/13/2017 5:46	28.43	75.9	5.59	7.9	SR12	9/13/2017 11:46	28.40	74.7	5.50	7.3	SR12	9/13/2017 17:46	29.43	71.8	5.28	8.9	SR12	9/13/2017 23:46	28.93	74.3	5.45	7.7
SR12	9/13/2017 5:51	28.43	76.2	5.61	8.2	SR12	9/13/2017 11:51	28.48	75.3	5.54	6.7	SR12	9/13/2017 17:51	29.40	76.1	5.56	8.7	SR12	9/13/2017 23:51	28.88	73.8	5.42	9.0
SR12	9/13/2017 5:56	28.39	80.7	5.95	6.1	SR12	9/13/2017 11:56	28.69	75.7	5.56	8.4	SR12	9/13/2017 17:56	29.33	77.0	5.62	8.3	SR12	9/13/2017 23:56	28.88	75.1	5.51	8.4

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR13	9/13/2017 0:00	29.04	70.3	5.12	6.2	SR13	9/13/2017 6:00	28.75	71.4	5.20	5.3	SR13	9/13/2017 12:00	29.31	68.3	4.96	6.4	SR13	9/13/2017 18:00	29.70	68.2	4.94	6.5
SR13	9/13/2017 0:05	28.89	70.0	5.09	6.4	SR13	9/13/2017 6:05	28.93	74.6	5.44	6.4	SR13	9/13/2017 12:05	29.25	67.7	4.91	6.8	SR13	9/13/2017 18:05	29.51	67.7	4.90	6.3
SR13	9/13/2017 0:10	29.01	69.8	5.08	5.4	SR13	9/13/2017 6:10	28.96	74.9	5.47	5.9	SR13	9/13/2017 12:10	29.35	69.0	5.00	6.0	SR13	9/13/2017 18:10	29.78	67.2	4.87	6.1
SR13	9/13/2017 0:15	29.01	69.8	5.09	4.8	SR13	9/13/2017 6:15	28.87	75.9	5.54	6.0	SR13	9/13/2017 12:15	29.55	69.2	5.02	6.6	SR13	9/13/2017 18:15	29.88	67.4	4.88	6.6
SR13	9/13/2017 0:20	28.93	70.1	5.10	6.0	SR13	9/13/2017 6:20	28.90	78.1	5.70	5.6	SR13	9/13/2017 12:20	29.53	69.1	5.01	6.7	SR13	9/13/2017 18:20	29.84	67.1	4.86	6.9
SR13	9/13/2017 0:25	29.09	71.3	5.18	5.5	SR13	9/13/2017 6:25	29.02	77.4	5.66	5.3	SR13	9/13/2017 12:25	29.61	69.0	5.01	6.1	SR13	9/13/2017 18:25	29.56	67.0	4.85	6.5
SR13	9/13/2017 0:30	29.07	70.9	5.16	5.6	SR13	9/13/2017 6:30	28.94	77.4	5.65	5.7	SR13	9/13/2017 12:30	29.69	68.8	4.99	6.1	SR13	9/13/2017 18:30	29.60	67.8	4.91	6.1
SR13	9/13/2017 0:35	28.88	70.5	5.13	4.9	SR13	9/13/2017 6:35	29.14	77.8	5.69	6.0	SR13	9/13/2017 12:35	29.36	67.9	4.93	6.4	SR13	9/13/2017 18:35	29.54	68.2	4.94	5.7
SR13	9/13/2017 0:40	29.02	71.0	5.17	6.0	SR13	9/13/2017 6:40	29.19	77.7	5.68	6.2	SR13	9/13/2017 12:40	29.49	67.6	4.90	5.9	SR13	9/13/2017 18:40	29.53	67.5	4.89	6.3
SR13	9/13/2017 0:45	29.04	71.4	5.20	5.9	SR13	9/13/2017 6:45	29.22	77.2	5.65	6.7	SR13	9/13/2017 12:45	29.53	67.3	4.88	6.1	SR13	9/13/2017 18:45	29.50	68.2	4.94	5.8
SR13	9/13/2017 0:50	28.98	71.0	5.16	6.0	SR13	9/13/2017 6:50	29.39	77.4	5.66	6.6	SR13	9/13/2017 12:50	29.60	68.4	4.96	6.3	SR13	9/13/2017 18:50	29.62	67.7	4.90	6.3
SR13	9/13/2017 0:55	29.36	71.0	5.16	6.1	SR13	9/13/2017 6:55	29.41	76.7	5.61	5.7	SR13	9/13/2017 12:55	29.52	68.6	4.98	6.8	SR13	9/13/2017 18:55	29.57	67.1	4.86	6.3
SR13	9/13/2017 1:00	28.93	71.5	5.20	5.0	SR13	9/13/2017 7:00	29.27	76.9	5.63	6.2	SR13	9/13/2017 13:00	29.48	68.7	4.98	6.0	SR13	9/13/2017 19:00	29.55	67.3	4.87	6.7
SR13	9/13/2017 1:05	28.95	72.0	5.24	5.8	SR13	9/13/2017 7:05	29.34	78.3	5.73	6.0	SR13	9/13/2017 13:05	29.45	68.5	4.96	6.1	SR13	9/13/2017 19:05	29.61	66.7	4.83	6.0
SR13	9/13/2017 1:10	28.92	71.8	5.23	5.5	SR13	9/13/2017 7:10	29.37	77.6	5.68	7.0	SR13	9/13/2017 13:10	29.40	67.8	4.91	6.2	SR13	9/13/2017 19:10	29.55	67.4	4.88	6.9
SR13	9/13/2017 1:15	29.05	71.7	5.22	6.2	SR13	9/13/2017 7:15	29.25	77.4	5.66	6.3	SR13	9/13/2017 13:15	29.43	67.7	4.90	5.9	SR13	9/13/2017 19:15	29.43	66.7	4.83	6.4
SR13	9/13/2017 1:20	28.99	71.7	5.22	5.5	SR13	9/13/2017 7:20	29.20	76.8	5.63	6.3	SR13	9/13/2017 13:20	29.52	68.3	4.95	5.8	SR13	9/13/2017 19:20	29.53	66.8	4.83	6.6
SR13	9/13/2017 1:25	28.87	73.0	5.32	6.0	SR13	9/13/2017 7:25	29.27	77.1	5.65	6.1	SR13	9/13/2017 13:25	29.52	68.8	4.97	6.5	SR13	9/13/2017 19:25	29.51	68.0	4.92	6.8
SR13	9/13/2017 1:30	28.93	72.6	5.29	5.6	SR13	9/13/2017 7:30	29.20	78.1	5.72	5.6	SR13	9/13/2017 13:30	29.47	67.9	4.91	6.2	SR13	9/13/2017 19:30	29.73	67.0	4.85	6.4
SR13	9/13/2017 1:35	29.02	72.5	5.29	6.1	SR13	9/13/2017 7:35	29.16	77.0	5.64	6.1	SR13	9/13/2017 13:35	29.55	69.4	5.03	5.9	SR13	9/13/2017 19:35	29.70	66.3	4.80	6.1
SR13	9/13/2017 1:40	28.90	72.6	5.29	5.6	SR13	9/13/2017 7:40	29.34	77.0	5.64	6.5	SR13	9/13/2017 13:40	29.70	68.5	4.96	6.5	SR13	9/13/2017 19:40	29.64	67.0	4.85	6.7
SR13	9/13/2017 1:45	28.91	73.1	5.33	6.0	SR13	9/13/2017 7:45	29.22	78.1	5.72	6.3	SR13	9/13/2017 13:45	29.74	69.0	4.99	6.7	SR13	9/13/2017 19:45	29.49	66.7	4.83	6.1
SR13	9/13/2017 1:50	28.91	73.2	5.33	6.0	SR13	9/13/2017 7:50	29.40	77.1	5.65	6.4	SR13	9/13/2017 13:50	29.77	68.8	4.98	5.8	SR13	9/13/2017 19:50	29.44	66.5	4.82	6.7
SR13	9/13/2017 1:55	28.80	70.5	5.13	6.1	SR13	9/13/2017 7:55	29.40	77.0	5.64	5.9	SR13	9/13/2017 13:55	29.51	69.1	5.01	6.0	SR13	9/13/2017 19:55	29.44	67.5	4.89	6.0
SR13	9/13/2017 2:00	28.81	71.0	5.16	5.8	SR13	9/13/2017 8:00	29.39	76.2	5.58	5.6	SR13	9/13/2017 14:00	29.49	68.6	4.96	6.8	SR13	9/13/2017 20:00	29.53	67.0	4.86	6.2
SR13	9/13/2017 2:05	28.79	70.8	5.15	5.1	SR13	9/13/2017 8:05	29.52	77.0	5.64	5.8	SR13	9/13/2017 14:05	29.62	69.4	5.02	6.7	SR13	9/13/2017 20:05	29.55	67.7	4.90	6.3
SR13	9/13/2017 2:10	28.81	69.7	5.07	6.2	SR13	9/13/2017 8:10	29.42	78.1	5.71	6.4	SR13	9/13/2017 14:10	29.55	69.9	5.05	6.3	SR13	9/13/2017 20:10	29.54	67.2	4.87	6.4
SR13	9/13/2017 2:15	28.86	69.7	5.06	5.7	SR13	9/13/2017 8:15	29.38	77.7	5.69	6.7	SR13	9/13/2017 14:15	29.53	69.5	5.03	6.4	SR13	9/13/2017 20:15	29.52	67.9	4.91	5.9
SR13	9/13/2017 2:20	28.96	69.1	5.03	6.0	SR13	9/13/2017 8:20	28.95	77.8	5.70	7.3	SR13	9/13/2017 14:20	29.56	69.7	5.04	6.3	SR13	9/13/2017 20:20	29.54	67.1	4.86	6.1
SR13	9/13/2017 2:25	28.75	69.6	5.06	5.7	SR13	9/13/2017 8:25	28.95	77.2	5.63	6.3	SR13	9/13/2017 14:25	29.54	69.3	5.01	5.8	SR13	9/13/2017 20:25	29.56	67.6	4.89	6.2
SR13	9/13/2017 2:30	28.94	70.4	5.12	6.1	SR13	9/13/2017 8:30	28.85	77.6	5.67	5.9	SR13	9/13/2017 14:30	29.40	69.6	5.04	6.1	SR13	9/13/2017 20:30	29.33	67.5	4.89	5.6
SR13	9/13/2017 2:35	28.91	70.6	5.13	5.9	SR13	9/13/2017 8:35	28.88	75.3	5.49	6.6	SR13	9/13/2017 14:35	29.48	69.9	5.05	6.3	SR13	9/13/2017 20:35	29.40	67.3	4.88	6.3
SR13	9/13/2017 2:40	28.93	70.0	5.09	6.2	SR13	9/13/2017 8:40	28.97	76.2	5.56	6.3	SR13	9/13/2017 14:40	29.32	69.1	5.00	6.4	SR13	9/13/2017 20:40	29.40	68.9	5.00	6.5
SR13	9/13/2017 2:45	28.97	70.1	5.10	6.4	SR13	9/13/2017 8:45	28.96	76.9	5.61	6.2	SR13	9/13/2017 14:45	29.49	69.6	5.04	6.7	SR13	9/13/2017 20:45	29.49	67.1	4.87	7.1
SR13	9/13/2017 2:50	28.98	69.2	5.03	5.8	SR13	9/13/2017 8:50	29.07	75.6	5.51	6.0	SR13	9/13/2017 14:50	29.29	68.1	4.94	6.6	SR13	9/13/2017 20:50	29.34	67.8	4.91	5.8
SR13	9/13/2017 2:55	29.19	70.2	5.11	6.6	SR13	9/13/2017 8:55	28.96	72.4	5.28	6.0	SR13	9/13/2017 14:55	29.21	68.2	4.95	7.1	SR13	9/13/2017 20:55	29.39	67.0	4.85	6.7
SR13	9/13/2017 3:00	29.07	68.6	4.98	6.1	SR13	9/13/2017 9:00	28.94	71.8	5.22	6.9	SR13	9/13/2017 15:00	29.48	68.3	4.93	5.9	SR13	9/13/2017 21:00	29.31	67.7	4.91	6.6
SR13	9/13/2017 3:05	29.08	69.9	5.08	5.5	SR13	9/13/2017 9:05	28.89	69.7	5.06	6.2	SR13	9/13/2017 15:05	29.67	68.8	4.97	6.2	SR13	9/13/2017 21:05	29.38	67.4	4.88	6.5
SR13	9/13/2017 3:10	29.03	69.1	5.01	6.2	SR13	9/13/2017 9:10	28.95	67.9	4.92	6.6	SR13	9/13/2017 15:10	29.63	69.3	5.00	6.1	SR13	9/13/2017 21:10	29.33	67.4	4.89	6.9
SR13	9/13/2017 3:15	28.89	69.1	5.02	6.3	SR13	9/13/2017 9:15	29.02	67.0	4.86	6.2	SR13	9/13/2017 15:15	29.52	69.5	5.02	6.5	SR13	9/13/2017 21:15	29.48	67.6	4.90	6.3
SR13	9/13/2017 3:20	28.92	69.0	5.01	6.5	SR13	9/13/2017 9:20	28.99	67.3	4.88	6.4	SR13	9/13/2017 15:20	29.76	68.3	4.93	6.0	SR13	9/13/2017 21:20	29.48	67.3	4.88	5.8
SR13	9/13/2017 3:25	28.87	68.4	4.96	6.5	SR13	9/13/2017 9:25	29.00	67.7	4.90	6.2	SR13	9/13/2017 15:25	29.65	68.2	4.93	6.1	SR13	9/13/2017 21:25	29.41	67.6	4.90	6.6
SR13	9/13/2017 3:30	29.05	67.9	4.93	6.0	SR13	9/13/2017 9:30	28.93	67.7	4.91	5.8	SR13	9/13/2017 15:30	29.80	67.7	4.90	6.4	SR13	9/13/2017 21:30	29.45	67.1	4.86	6.4
SR13	9/13/2017 3:35	28.98	67.8	4.92	5.7	SR13	9/13/2017 9:35	28.82	67.2	4.87	6.2	SR13	9/13/2017 15:35	29.82	67.5	4.89	6.1	SR13	9/13/2017 21:35	29.42	66.1	4.79	6.5
SR13	9/13/2017 3:40	28.93	68.7	4.99	5.4	SR13	9/13/2017 9:40	29.02	66.8	4.85	6.5	SR13	9/13/2017 15:40	29.72	66.7	4.83	5.9	SR13	9/13/2017 21:40	29.39	66.9	4.85	6.5
SR13	9/13/2017 3:45	28.90	68.7	4.99	5.4	SR13	9/13/2017 9:45	29.05	66.7	4.83	6.6	SR13	9/13/2017 15:45	29.74	65.2	4.73	5.5	SR13	9/13/2017 21:45	29.37	67.0	4.85	6.6
SR13	9/13/2017 3:50	28.87	67.1	4.87	5.2	SR13	9/13/2017 9:50	28.95	67.2	4.87	6.6	SR13	9/13/2017 15:50	29.84	66.4	4.81	6.0	SR13	9/13/2017 21:50	29.44	67.1	4.86	7.0
SR13	9/13/2017 3:55	28.89	67.7	4.92	5.7	SR13	9/13/2017 9:55	28.89	67.8	4.91	7.0	SR13	9/13/2017 15:55	29.86	65.9	4.78	6.2	SR13	9/13/2017 21:55	29.34	66.3	4.80	5.8
SR13	9/13/2017 4:00	28.95	67.7	4.92	5.9	SR13	9/13/2017 10:00	28.99	67.9	4.91	6.7	SR13	9/13/2017 16:00	29.98	66.1	4.79	6.4	SR13	9/13/2017 22:00	29.38	67.1	4.85	5.8
SR13	9/13/2017 4:05	28.89	67.9	4.93	5.6	SR13	9/13/2017 10:05	28.99	67.4	4.89	6.6	SR13	9/13/2017 16:05	29.96	65.7	4.76	6.7	SR13	9/13/2017 22:05	29.41	67.1	4.86	6.5
SR13	9/13/2017 4:10	28.99	68.8	5.00	5.6	SR13	9/13/2017 10:10	28.89	66.3	4.80	5.9	SR13	9/13/2017 16:10	30.06	65.9	4.78	6.8	SR13	9/13/2017 22:10	29.48	66.6	4.82	5.8
SR13	9/13/2017 4:15	29.05	68.8	5.00	5.2	SR13	9/13/2017 10:15	28.98	67.2	4.87	5.3	SR13	9/13/2017 16:15	30.13	66.6	4.82	5.9	SR13	9/13/2017 22:15	29.52	66.6	4.82	5.7
SR13	9/13/2017 4:20	28.92	67.8	4.93	6.2	SR13	9/13/2017 10:20	28.91	67.4	4.88	6.4	SR13	9/13/2017 16:20	30.11	67.2	4.87	6.3	SR13	9/13/2017 22:20	29.49	65.9	4.77	5.6
SR13	9/13/2017 4:25	28.96	69.9	5.09	6.3	SR13	9/13/2017 10:25	29.07	66.8	4.84	5.9	SR13	9/13/2017 16:25	29.96	66.4	4.81	5.9	SR13	9/13/2017 22:25	29.51	66.3	4.80	6.7
SR13	9/13/2017 4:30	28.89	68.7	4.99	5.4	SR13	9/13/2017 10:30	29.01	66.8	4.84	6.1	SR13	9/13/2017 16:30	30.03	66.8	4.84	6.0	SR13	9/13/2017 22:30	29.52	66.9	4.84	6.9
SR13	9/13/2017 4:35	28.85	69.3	5.04	5.9	SR13	9/13/2017 10:35	28.93	66.5	4.82	5.9	SR13	9/13/2017 16:35	29.84	66.1	4.79	5.7	SR13	9/13/2017 22:35	29.45	68.0	4.93	6.2
SR13	9/13/2017 4:40	28.81	69.1	5.02	6.3	SR13	9/13/2017 10:40	28.97	67.7	4.91	6.2	SR13	9/13/2017 16:40	29.93	66.8	4.84	6.7	SR13	9/13/2017 22:40	29.43	67.5	4.89	6.7
SR13	9/13/2017 4:45	28.88	68.7	4.99	5.2	SR13	9/13/2017 10:45	29.05	67.1	4.86	5.5	SR13	9/13/2017 16:45	29.99	66.2	4.80	6.4	SR13	9/13/2017 22:45	29.44	67.0	4.85	6.6
SR13	9/13/2017 4:50	28.96	67.7	4.92	6.1	SR13	9/13/2017 10:50	29.07	67.8	4.91	6.3	SR13	9/13/2017 16:50	30.03	66.1	4.79	5.6	SR13	9/13/2017 22:50	29.42	67.2	4.87	7.0
SR13	9/13/2017 4:55	29.17	67.9	4.94	6.0	SR13	9/13/2017 10:55	29.40	67.4	4.88	6.2	SR13	9/13/2017 16:55	29.86	67.1	4.87	6.1	SR13	9/13/2017 22:55	29.47	68.0	4.93	5.7
SR13	9/13/2017 5:00	29.30	69.0	5.01	6.1	SR13	9/13/2017 11:00	29.60	67.7	4.91	6.2	SR13	9/13/2017 17:00	29.94	66.5	4.82	6.9	SR13	9/13/2017 23:00	29.41	67.6	4.90	5.9
SR13	9/13/2017 5:05	28.78	68.0	4.94	6.3	SR13	9/13/2017 11:05	29.57	67.2	4.87	6.2	SR13	9/13/2017 17:05	30.01	67.3	4.88	5.6	SR13	9/13/2017 23:05	29.56	67.5	4.89	6.9
SR13	9/13/2017 5:10	28.81	68.0	4.94	6.4	SR13	9/13/2017 11:10	29.48	66.8	4.84	5.8	SR13	9/13/2017 17:10	29.91	67.3	4.88	5.6	SR13	9/13/2017 23:10	29.45	67.1	4.86	6.9
SR13	9/13/2017 5:15	28.85	67.2	4.88	5.6	SR13	9/13/2017 11:15	29.56	67.2	4.87	5.9	SR13	9/13/2017 17:15	29.90	67.6	4.89	5.5	SR13	9/13/2017 23:15	29.29	67.5	4.89	6.1
SR13	9/13/2017 5:20	28.88	68.8	5.00	5.8	SR13	9/13/2017 11:20	29.51	67.6	4.90	5.5	SR13	9/13/2017 17:20	29.86	67.3	4.87	6.3	SR13	9/13/2017 23:20	29.40	66.3	4.81	6.7
SR13	9/13/2017 5:25	28.81	68.2	4.95	5.8	SR13	9/13/2017 11:25	29.53	68.3	4.95	6.3	SR13	9/13/2017 17:25	29.79	67.1	4.85	6.5	SR13	9/13/2017 23:25	29.24	66.5	4.82	7.2
SR13	9/13/2017 5:30	28.98	67.7	4.92	5.6	SR13	9/13/2017 11:30	29.35	66.9	4.86	5.9	SR13	9/13/2017 17:30	29.71	66.7	4.82	6.1	SR13	9/13/2017 23:30	29.19	67.6	4.89	6.3
SR13	9/13/2017 5:35	28.79	67.5	4.90	5.6	SR13	9/13/2017 11:35	29.10	67.1	4.87	5.7	SR13	9/13/2017 17:35	29.72	67.1	4.86	6.2	SR13	9/13/2017 23:35	29.38	67.2	4.87	6.3
SR13	9/13/2017 5:40	28.90	68.6	4.98	6.3	SR13	9/13/2017 11:40	29.16	66.8	4.85	6.8	SR13	9/13/2017 17:40	29.75	67.0	4.85	6.3	SR13	9/13/2017 23:40	29.30	66.7	4.83	6.1
SR13	9/13/2017 5:45	28.78	68.8	5.00	5.6	SR13	9/13/2017 11:45	29.09	66.9	4.86	6.6	SR13	9/13/2017 17:45	29.77	66.6	4.83	6.9	SR13	9/13/2017 23:45	29.23	67.5	4.89	6.1
SR13	9/13/2017 5:50	28.85	68.6	4.99	5.8	SR13	9/13/2017 11:50	29.21	68.3	4.96	5.8	SR13	9/13/2017 17:50	29.87	68.2	4.94	6.1	SR13	9/13/2017 23:50	29.26	66.3	4.81	6.7
SR13	9/13/2017 5:55	28.94	70.2	5.11	6.0	SR13	9/13/2017 11:55	29.34	67.3	4.89	6.1	SR13	9/13/2017 17:55	29.60	68.1	4.93	6.6	SR13	9/13/2017 23:55	29.08	67.7	4.91	5.7

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	9/13/2017 0:17	0.07				SR12	9/13/2017 0:17	0.04			
SR4	9/13/2017 0:37	0.06				SR12	9/13/2017 0:37	0.05			
SR4	9/13/2017 0:57	0.07				SR12	9/13/2017 0:57	0.05			
SR4	9/13/2017 1:17	0.06				SR12	9/13/2017 1:17	0.04			
SR4	9/13/2017 1:37	0.07				SR12	9/13/2017 1:37	0.05			
SR4	9/13/2017 1:57	0.07				SR12	9/13/2017 1:57	0.06			
SR4	9/13/2017 2:17	0.06				SR12	9/13/2017 2:17	0.06			
SR4	9/13/2017 2:37	0.08				SR12	9/13/2017 2:37	0.04			
SR4	9/13/2017 2:57	0.09				SR12	9/13/2017 2:57	0.06			
SR4	9/13/2017 3:17	0.07				SR12	9/13/2017 3:17	0.05			
SR4	9/13/2017 3:37	0.06				SR12	9/13/2017 3:37	0.05			
SR4	9/13/2017 3:57	0.05				SR12	9/13/2017 3:57	0.06			
SR4	9/13/2017 4:17	0.06				SR12	9/13/2017 4:17	0.04			
SR4	9/13/2017 4:37	0.05				SR12	9/13/2017 4:37	0.05			
SR4	9/13/2017 4:57	0.07				SR12	9/13/2017 4:57	0.05			
SR4	9/13/2017 5:17	0.07				SR12	9/13/2017 5:17	0.04			
SR4	9/13/2017 5:37	0.07				SR12	9/13/2017 5:37	0.05			
SR4	9/13/2017 5:57	0.06				SR12	9/13/2017 5:57	0.04			
SR4						SR12					
SR4	9/13/2017 6:37	0.06				SR12	9/13/2017 6:37	0.06			
SR4	9/13/2017 6:57	0.07				SR12	9/13/2017 6:57	0.05			
SR4	9/13/2017 7:17	0.08				SR12	9/13/2017 7:17	0.06			
SR4	9/13/2017 7:37	0.06				SR12	9/13/2017 7:37	0.06			
SR4	9/13/2017 7:57	0.04				SR12	9/13/2017 7:57	0.06			
SR4	9/13/2017 8:17	0.05				SR12	9/13/2017 8:17	0.06			
SR4	9/13/2017 8:37	0.04				SR12	9/13/2017 8:37	0.07			
SR4	9/13/2017 8:57	0.06				SR12	9/13/2017 8:57	0.06			
SR4	9/13/2017 9:17	0.06				SR12	9/13/2017 9:17	0.05			
SR4	9/13/2017 9:37	0.04				SR12	9/13/2017 9:37	0.05			
SR4	9/13/2017 9:57	0.05				SR12					
SR4	9/13/2017 10:17	0.07				SR12					
SR4	9/13/2017 10:37	0.08				SR12					
SR4	9/13/2017 10:57	0.05				SR12					
SR4	9/13/2017 11:17	0.06				SR12					
SR4	9/13/2017 11:37	0.05				SR12	9/13/2017 11:37	0.03			
SR4	9/13/2017 11:57	0.04				SR12	9/13/2017 11:57	0.05			
SR4						SR12	9/13/2017 12:17	0.04			
SR4						SR12	9/13/2017 12:37	0.06			
SR4						SR12	9/13/2017 12:57	0.05			
SR4						SR12	9/13/2017 13:17	0.06			
SR4	9/13/2017 13:37	0.06				SR12	9/13/2017 13:37	0.05			
SR4	9/13/2017 13:57	0.05				SR12	9/13/2017 13:57	0.05			
SR4	9/13/2017 14:17	0.05				SR12	9/13/2017 14:17	0.05			
SR4	9/13/2017 14:37	0.04				SR12	9/13/2017 14:37	0.04			
SR4	9/13/2017 14:57	0.05				SR12	9/13/2017 14:57	0.03			
SR4	9/13/2017 15:17	0.05				SR12	9/13/2017 15:17	0.03			
SR4	9/13/2017 15:37	0.07				SR12	9/13/2017 15:37	0.04			
SR4	9/13/2017 15:57	0.08				SR12	9/13/2017 15:57	0.04			
SR4	9/13/2017 16:17	0.06				SR12	9/13/2017 16:17	0.05			
SR4	9/13/2017 16:37	0.04				SR12	9/13/2017 16:37	0.06			
SR4	9/13/2017 16:57	0.06				SR12	9/13/2017 16:57	0.05			
SR4	9/13/2017 17:17	0.05				SR12	9/13/2017 17:17	0.06			
SR4	9/13/2017 17:37	0.07				SR12	9/13/2017 17:37	0.05			
SR4	9/13/2017 17:57	0.06				SR12	9/13/2017 17:57	0.04			
SR4	9/13/2017 18:17	0.05				SR12	9/13/2017 18:17	0.05			
SR4	9/13/2017 18:37	0.04				SR12	9/13/2017 18:37	0.06			
SR4	9/13/2017 18:57	0.03				SR12	9/13/2017 18:57	0.06			
SR4	9/13/2017 19:17	0.04				SR12	9/13/2017 19:17	0.05			
SR4	9/13/2017 19:37	0.05				SR12	9/13/2017 19:37	0.04			
SR4	9/13/2017 19:57	0.04				SR12	9/13/2017 19:57	0.05			
SR4	9/13/2017 20:17	0.05				SR12	9/13/2017 20:17	0.04			
SR4	9/13/2017 20:37	0.03				SR12	9/13/2017 20:37	0.04			
SR4	9/13/2017 20:57	0.03				SR12	9/13/2017 20:57	0.05			
SR4	9/13/2017 21:17	0.02				SR12	9/13/2017 21:17	0.06			
SR4	9/13/2017 21:37	0.02				SR12	9/13/2017 21:37	0.06			
SR4	9/13/2017 21:57	0.05				SR12	9/13/2017 21:57	0.05			
SR4	9/13/2017 22:17	0.04				SR12	9/13/2017 22:17	0.05			
SR4	9/13/2017 22:37	0.05				SR12	9/13/2017 22:37	0.04			
SR4	9/13/2017 22:57	0.03				SR12	9/13/2017 22:57	0.03			
SR4	9/13/2017 23:17	0.04				SR12	9/13/2017 23:17	0.03			
SR4	9/13/2017 23:37	0.06				SR12	9/13/2017 23:37	0.03			
SR4	9/13/2017 23:57	0.05				SR12	9/13/2017 23:57	0.04			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.
SR4 monitoring station was under maintenance during 12:06-13:16.
SR12 monitoring station was under maintenance during 9:51-11:01.

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR4	9/14/2017 0:01	29.15	72.7	5.48	**10.5**	SR4	9/14/2017 6:01	28.64	69.7	5.27	6.8	SR4	9/14/2017 12:01	29.39	73.0	5.47	5.6	SR4	9/14/2017 18:01	29.27	78.8	5.88	5.4
SR4	9/14/2017 0:06	29.13	73.0	5.50	8.1	SR4	9/14/2017 6:06	28.66	68.3	5.16	7.5	SR4	9/14/2017 12:06	29.41	73.4	5.49	6.0	SR4	9/14/2017 18:06	29.24	78.0	5.82	5.4
SR4	9/14/2017 0:11	29.14	73.8	5.55	8.5	SR4	9/14/2017 6:11	28.64	73.5	5.55	5.7	SR4	9/14/2017 12:11	29.42	73.0	5.47	5.0	SR4	9/14/2017 18:11	29.24	77.6	5.80	5.3
SR4	9/14/2017 0:16	29.14	74.1	5.59	9.2	SR4	9/14/2017 6:16	28.68	71.7	5.42	5.3	SR4	9/14/2017 12:16	29.42	74.0	5.53	5.3	SR4	9/14/2017 18:16	29.23	76.4	5.71	4.7
SR4	9/14/2017 0:21	29.14	74.4	5.61	9.6	SR4	9/14/2017 6:21	28.69	70.8	5.35	6.7	SR4	9/14/2017 12:21	29.43	73.1	5.47	6.1	SR4	9/14/2017 18:21	29.20	75.0	5.62	4.7
SR4	9/14/2017 0:26	29.12	75.5	5.70	7.3	SR4	9/14/2017 6:26	28.69	70.4	5.32	6.7	SR4	9/14/2017 12:26	29.58	72.0	5.41	6.0	SR4	9/14/2017 18:26	29.18	74.8	5.61	5.4
SR4	9/14/2017 0:31	29.10	79.7	6.02	6.6	SR4	9/14/2017 6:31	28.71	69.6	5.27	5.6	SR4	9/14/2017 12:31	29.76	70.9	5.34	5.0	SR4	9/14/2017 18:31	29.13	73.9	5.54	5.0
SR4	9/14/2017 0:36	29.09	80.2	6.05	7.7	SR4	9/14/2017 6:36	28.71	69.7	5.28	5.7	SR4	9/14/2017 12:36	29.71	69.3	5.24	5.9	SR4	9/14/2017 18:36	29.14	77.8	5.82	5.0
SR4	9/14/2017 0:41	29.09	79.7	6.02	8.0	SR4	9/14/2017 6:41	28.75	69.4	5.26	6.5	SR4	9/14/2017 12:41	29.76	69.8	5.27	6.5	SR4	9/14/2017 18:41	29.09	77.2	5.78	4.7
SR4	9/14/2017 0:46	29.08	80.0	6.04	7.5	SR4	9/14/2017 6:46	28.78	69.1	5.24	8.0	SR4	9/14/2017 12:46	29.71	70.2	5.31	6.0	SR4	9/14/2017 18:46	29.11	76.7	5.73	5.2
SR4	9/14/2017 0:51	29.08	81.0	6.12	5.8	SR4	9/14/2017 6:51	28.79	70.1	5.32	7.8	SR4	9/14/2017 12:51	29.74	70.4	5.32	5.3	SR4	9/14/2017 18:51	29.11	75.9	5.68	5.0
SR4	9/14/2017 0:56	29.07	81.3	6.13	6.5	SR4	9/14/2017 6:56	28.78	69.3	5.26	7.4	SR4	9/14/2017 12:56	29.69	71.5	5.40	5.9	SR4	9/14/2017 18:56	29.08	75.2	5.64	4.8
SR4	9/14/2017 1:01	29.04	81.6	6.16	5.0	SR4	9/14/2017 7:01	28.76	69.0	5.24	5.3	SR4	9/14/2017 13:01	29.60	71.7	5.41	6.3	SR4	9/14/2017 19:01	29.10	75.6	5.66	4.7
SR4	9/14/2017 1:06	29.04	82.2	6.19	6.5	SR4	9/14/2017 7:06	28.76	69.0	5.24	7.7	SR4	9/14/2017 13:06	29.60	72.7	5.48	5.4	SR4	9/14/2017 19:06	29.08	78.3	5.86	4.7
SR4	9/14/2017 1:11	29.04	82.4	6.19	5.6	SR4	9/14/2017 7:11	28.75	70.2	5.33	6.3	SR4	9/14/2017 13:11	29.68	73.0	5.50	6.4	SR4	9/14/2017 19:11	29.08	78.4	5.86	5.2
SR4	9/14/2017 1:16	29.04	82.8	6.22	6.1	SR4	9/14/2017 7:16	28.75	69.9	5.31	7.0	SR4	9/14/2017 13:16	29.71	74.5	5.60	5.4	SR4	9/14/2017 19:16	29.06	81.6	6.08	4.7
SR4	9/14/2017 1:21	29.04	81.1	6.11	6.6	SR4	9/14/2017 7:21	28.75	68.5	5.20	5.6	SR4	9/14/2017 13:21	29.63	74.9	5.63	6.2	SR4	9/14/2017 19:21	29.03	81.2	6.06	5.2
SR4	9/14/2017 1:26	29.05	82.7	6.20	7.1	SR4	9/14/2017 7:26	28.75	69.2	5.26	5.7	SR4	9/14/2017 13:26	29.65	76.2	5.71	6.1	SR4	9/14/2017 19:26	29.00	80.0	5.97	4.7
SR4	9/14/2017 1:31	29.04	82.3	6.18	6.5	SR4	9/14/2017 7:31	28.74	67.7	5.15	6.6	SR4	9/14/2017 13:31	29.73	75.1	5.64	5.7	SR4	9/14/2017 19:31	29.00	79.4	5.93	4.7
SR4	9/14/2017 1:36	29.04	81.2	6.10	5.3	SR4	9/14/2017 7:36	28.75	71.8	5.45	7.1	SR4	9/14/2017 13:36	29.72	73.7	5.54	6.5	SR4	9/14/2017 19:36	29.04	80.6	6.00	4.6
SR4	9/14/2017 1:41	29.03	80.8	6.07	5.4	SR4	9/14/2017 7:41	28.82	69.6	5.29	7.6	SR4	9/14/2017 13:41	29.66	75.3	5.64	5.1	SR4	9/14/2017 19:41	28.99	79.8	5.94	5.1
SR4	9/14/2017 1:46	29.04	80.3	6.04	5.8	SR4	9/14/2017 7:46	28.85	70.6	5.35	6.7	SR4	9/14/2017 13:46	29.67	76.0	5.68	5.3	SR4	9/14/2017 19:46	28.94	80.2	5.97	5.1
SR4	9/14/2017 1:51	29.04	78.3	5.89	5.2	SR4	9/14/2017 7:51	28.88	69.2	5.25	6.5	SR4	9/14/2017 13:51	29.71	75.5	5.65	5.4	SR4	9/14/2017 19:51	28.97	79.6	5.91	4.6
SR4	9/14/2017 1:56	29.04	79.8	5.99	7.5	SR4	9/14/2017 7:56	28.91	68.7	5.22	6.3	SR4	9/14/2017 13:56	29.72	74.8	5.60	5.4	SR4	9/14/2017 19:56	28.96	81.4	6.05	5.5
SR4	9/14/2017 2:01	29.05	80.2	6.03	5.4	SR4	9/14/2017 8:01	28.90	70.7	5.36	6.5	SR4	9/14/2017 14:01	29.71	74.8	5.61	5.9	SR4	9/14/2017 20:01	28.97	81.2	6.04	5.3
SR4	9/14/2017 2:06	29.04	80.7	6.06	6.4	SR4	9/14/2017 8:06	28.89	69.4	5.27	6.2	SR4	9/14/2017 14:06	29.66	77.0	5.73	6.1	SR4	9/14/2017 20:06	29.03	81.8	6.08	5.0
SR4	9/14/2017 2:11	29.12	79.3	5.97	5.9	SR4	9/14/2017 8:11	28.91	71.4	5.42	6.0	SR4	9/14/2017 14:11	29.65	77.1	5.72	5.6	SR4	9/14/2017 20:11	29.03	81.5	6.06	5.0
SR4	9/14/2017 2:16	29.12	77.5	5.84	7.7	SR4	9/14/2017 8:16	28.85	70.6	5.34	5.5	SR4	9/14/2017 14:16	29.66	77.5	5.76	5.0	SR4	9/14/2017 20:16	29.01	81.3	6.05	4.8
SR4	9/14/2017 2:21	29.09	77.9	5.86	6.8	SR4	9/14/2017 8:21	28.86	71.3	5.40	5.1	SR4	9/14/2017 14:21	29.66	77.7	5.78	5.6	SR4	9/14/2017 20:21	29.00	77.8	5.80	5.0
SR4	9/14/2017 2:26	29.09	76.8	5.79	7.3	SR4	9/14/2017 8:26	28.78	72.4	5.48	5.5	SR4	9/14/2017 14:26	29.64	76.7	5.71	5.0	SR4	9/14/2017 20:26	29.00	79.1	5.89	5.2
SR4	9/14/2017 2:31	29.08	76.9	5.80	7.0	SR4	9/14/2017 8:31	28.78	78.2	5.91	6.5	SR4	9/14/2017 14:31	29.62	77.4	5.77	5.1	SR4	9/14/2017 20:31	28.93	79.9	5.95	5.5
SR4	9/14/2017 2:36	29.07	75.6	5.70	6.3	SR4	9/14/2017 8:36	28.78	72.1	5.46	6.1	SR4	9/14/2017 14:36	29.61	76.7	5.72	5.9	SR4	9/14/2017 20:36	28.91	79.8	5.95	4.5
SR4	9/14/2017 2:41	29.08	75.7	5.71	6.9	SR4	9/14/2017 8:41	28.83	70.5	5.33	6.3	SR4	9/14/2017 14:41	29.61	76.6	5.71	6.1	SR4	9/14/2017 20:41	28.95	78.6	5.86	5.5
SR4	9/14/2017 2:46	29.08	78.3	5.90	6.6	SR4	9/14/2017 8:46	28.86	69.7	5.27	6.5	SR4	9/14/2017 14:46	29.61	77.0	5.73	5.3	SR4	9/14/2017 20:46	28.98	77.1	5.76	4.7
SR4	9/14/2017 2:51	29.08	78.7	5.93	6.2	SR4	9/14/2017 8:51	28.95	69.5	5.25	5.8	SR4	9/14/2017 14:51	29.61	78.6	5.84	5.8	SR4	9/14/2017 20:51	28.99	76.5	5.71	4.6
SR4	9/14/2017 2:56	29.07	76.7	5.78	5.9	SR4	9/14/2017 8:56	29.07	71.8	5.43	5.2	SR4	9/14/2017 14:56	29.64	79.4	5.89	6.4	SR4	9/14/2017 20:56	28.97	76.4	5.70	5.0
SR4	9/14/2017 3:01	29.06	81.1	6.11	6.2	SR4	9/14/2017 9:01	29.03	69.8	5.27	5.1	SR4	9/14/2017 15:01	29.59	75.3	5.64	5.4	SR4	9/14/2017 21:01	28.94	76.4	5.70	5.3
SR4	9/14/2017 3:06	29.05	81.2	6.13	7.7	SR4	9/14/2017 9:06	29.05	69.4	5.25	5.1	SR4	9/14/2017 15:06	29.56	75.7	5.68	6.5	SR4	9/14/2017 21:06	28.93	76.3	5.70	4.8
SR4	9/14/2017 3:11	29.03	80.9	6.10	6.1	SR4	9/14/2017 9:11	29.06	69.6	5.26	5.6	SR4	9/14/2017 15:11	29.54	77.6	5.81	5.5	SR4	9/14/2017 21:11	28.91	76.9	5.73	5.8
SR4	9/14/2017 3:16	29.01	79.5	6.00	6.4	SR4	9/14/2017 9:16	29.07	73.0	5.51	5.6	SR4	9/14/2017 15:16	29.63	81.2	5.98	5.2	SR4	9/14/2017 21:16	28.86	76.4	5.70	5.4
SR4	9/14/2017 3:21	29.00	78.9	5.95	7.9	SR4	9/14/2017 9:21	29.05	70.6	5.32	6.2	SR4	9/14/2017 15:21	29.58	80.4	5.93	4.9	SR4	9/14/2017 21:21	28.86	76.6	5.72	5.5
SR4	9/14/2017 3:26	28.99	77.7	5.87	6.3	SR4	9/14/2017 9:26	29.05	71.0	5.35	6.1	SR4	9/14/2017 15:26	29.57	80.3	5.90	5.0	SR4	9/14/2017 21:26	28.83	76.2	5.69	4.6
SR4	9/14/2017 3:31	29.00	78.4	5.95	6.5	SR4	9/14/2017 9:31	29.12	71.9	5.43	5.0	SR4	9/14/2017 15:31	29.50	80.3	5.90	4.9	SR4	9/14/2017 21:31	28.91	79.3	5.93	6.0
SR4	9/14/2017 3:36	28.99	76.9	5.83	6.7	SR4	9/14/2017 9:36	29.11	70.4	5.31	6.4	SR4	9/14/2017 15:36	29.56	79.1	5.83	5.0	SR4	9/14/2017 21:36	28.88	75.0	5.60	4.8
SR4	9/14/2017 3:41	28.97	74.3	5.63	7.6	SR4	9/14/2017 9:41	29.08	71.6	5.40	5.4	SR4	9/14/2017 15:41	29.58	78.5	5.81	5.1	SR4	9/14/2017 21:41	28.87	75.7	5.66	5.5
SR4	9/14/2017 3:46	28.95	70.0	5.29	6.3	SR4	9/14/2017 9:46	29.07	69.8	5.25	5.8	SR4	9/14/2017 15:46	29.59	78.5	5.81	5.2	SR4	9/14/2017 21:46	28.87	75.6	5.65	5.4
SR4	9/14/2017 3:51	28.95	66.4	5.01	6.1	SR4	9/14/2017 9:51	29.06	69.9	5.26	5.0	SR4	9/14/2017 15:51	29.56	78.0	5.78	4.5	SR4	9/14/2017 21:51	28.86	75.0	5.61	5.4
SR4	9/14/2017 3:56	28.95	65.4	4.94	7.8	SR4	9/14/2017 9:56	29.13	69.9	5.27	5.3	SR4	9/14/2017 15:56	29.50	78.4	5.81	4.8	SR4	9/14/2017 21:56	28.87	73.7	5.51	5.3
SR4	9/14/2017 4:01	28.95	66.0	4.99	6.1	SR4	9/14/2017 10:01	29.16	70.2	5.28	5.6	SR4	9/14/2017 16:01	29.44	78.0	5.79	5.2	SR4	9/14/2017 22:01	28.88	72.2	5.41	4.6
SR4	9/14/2017 4:06	28.97	69.5	5.26	6.9	SR4	9/14/2017 10:06	29.19	70.5	5.29	6.5	SR4	9/14/2017 16:06	29.50	75.7	5.66	5.5	SR4	9/14/2017 22:06	28.89	72.9	5.46	5.8
SR4	9/14/2017 4:11	28.98	70.6	5.33	7.6	SR4	9/14/2017 10:11	29.21	70.8	5.32	6.1	SR4	9/14/2017 16:11	29.47	75.1	5.63	4.6	SR4	9/14/2017 22:11	28.90	72.7	5.45	5.8
SR4	9/14/2017 4:16	28.97	72.0	5.44	6.6	SR4	9/14/2017 10:16	29.22	70.4	5.29	5.5	SR4	9/14/2017 16:16	29.46	79.7	5.94	4.9	SR4	9/14/2017 22:16	28.89	73.1	5.47	4.6
SR4	9/14/2017 4:21	28.89	71.1	5.37	6.8	SR4	9/14/2017 10:21	29.21	71.3	5.35	5.9	SR4	9/14/2017 16:21	29.45	81.6	6.04	4.5	SR4	9/14/2017 22:21	28.90	73.4	5.50	5.4
SR4	9/14/2017 4:26	28.87	71.2	5.38	5.2	SR4	9/14/2017 10:26	29.25	71.4	5.35	5.1	SR4	9/14/2017 16:26	29.45	81.7	6.05	5.3	SR4	9/14/2017 22:26	28.85	73.1	5.47	5.1
SR4	9/14/2017 4:31	28.88	72.6	5.50	6.3	SR4	9/14/2017 10:31	29.27	70.9	5.32	6.4	SR4	9/14/2017 16:31	29.47	81.9	6.06	5.0	SR4	9/14/2017 22:31	28.83	73.7	5.52	4.5
SR4	9/14/2017 4:36	28.87	73.1	5.54	5.8	SR4	9/14/2017 10:36	29.30	71.0	5.32	5.6	SR4	9/14/2017 16:36	29.46	80.5	5.97	5.3	SR4	9/14/2017 22:36	28.86	74.6	5.59	4.9
SR4	9/14/2017 4:41	28.86	72.9	5.52	7.3	SR4	9/14/2017 10:41	29.29	70.8	5.31	6.3	SR4	9/14/2017 16:41	29.47	80.3	5.95	4.8	SR4	9/14/2017 22:41	28.86	74.5	5.58	5.0
SR4	9/14/2017 4:46	28.86	72.8	5.52	6.9	SR4	9/14/2017 10:46	29.33	70.2	5.27	5.4	SR4	9/14/2017 16:46	29.48	78.5	5.83	4.6	SR4	9/14/2017 22:46	28.83	74.2	5.57	4.7
SR4	9/14/2017 4:51	28.85	74.0	5.61	5.5	SR4	9/14/2017 10:51	29.35	70.7	5.31	5.7	SR4	9/14/2017 16:51	29.46	79.5	5.90	5.0	SR4	9/14/2017 22:51	28.90	72.3	5.42	4.8
SR4	9/14/2017 4:56	28.86	73.1	5.54	5.8	SR4	9/14/2017 10:56	29.38	69.8	5.25	6.4	SR4	9/14/2017 16:56	29.46	79.0	5.87	4.6	SR4	9/14/2017 22:56	28.90	73.0	5.47	5.4
SR4	9/14/2017 5:01	28.85	72.1	5.46	5.5	SR4	9/14/2017 11:01	29.43	69.6	5.23	5.9	SR4	9/14/2017 17:01	29.45	77.1	5.76	4.9	SR4	9/14/2017 23:01	28.86	71.6	5.36	5.1
SR4	9/14/2017 5:06	28.83	71.4	5.42	6.0	SR4	9/14/2017 11:06	29.45	69.5	5.23	6.5	SR4	9/14/2017 17:06	29.43	76.6	5.71	5.3	SR4	9/14/2017 23:06	28.84	72.0	5.40	5.3
SR4	9/14/2017 5:11	28.82	71.1	5.38	6.1	SR4	9/14/2017 11:11	29.41	71.1	5.33	5.4	SR4	9/14/2017 17:11	29.43	73.3	5.49	4.5	SR4	9/14/2017 23:11	28.85	71.8	5.38	5.2
SR4	9/14/2017 5:16	28.81	70.9	5.37	7.8	SR4	9/14/2017 11:16	29.41	70.5	5.29	6.5	SR4	9/14/2017 17:16	29.38	78.3	5.84	4.5	SR4	9/14/2017 23:16	28.87	71.5	5.36	4.7
SR4	9/14/2017 5:21	28.79	69.5	5.27	7.5	SR4	9/14/2017 11:21	29.37	71.4	5.35	5.0	SR4	9/14/2017 17:21	29.36	77.9	5.81	4.8	SR4	9/14/2017 23:21	28.87	69.7	5.24	6.0
SR4	9/14/2017 5:26	28.71	69.4	5.25	7.7	SR4	9/14/2017 11:26	29.38	72.5	5.43	5.5	SR4	9/14/2017 17:26	29.32	78.8	5.86	4.8	SR4	9/14/2017 23:26	28.88	70.1	5.27	5.7
SR4	9/14/2017 5:31	28.68	69.1	5.24	5.9	SR4	9/14/2017 11:31	29.36	72.5	5.43	6.4	SR4	9/14/2017 17:31	29.35	78.2	5.82	5.2	SR4	9/14/2017 23:31	28.83	71.5	5.37	5.2
SR4	9/14/2017 5:36	28.66	69.2	5.24	7.1	SR4	9/14/2017 11:36	29.36	72.8	5.44	6.3	SR4	9/14/2017 17:36	29.33	78.3	5.83	5.2	SR4	9/14/2017 23:36	28.86	71.9	5.40	4.5
SR4	9/14/2017 5:41	28.61	69.1	5.24	6.8	SR4	9/14/2017 11:41	29.36	73.4	5.48	5.1	SR4	9/14/2017 17:41	29.29	77.9	5.80	4.6	SR4	9/14/2017 23:41	28.87	71.1	5.34	5.7
SR4	9/14/2017 5:46	28.62	68.2	5.16	5.2	SR4	9/14/2017 11:46	29.35	73.4	5.48	5.9	SR4	9/14/2017 17:46	29.32	76.6	5.71	4.7	SR4	9/14/2017 23:46	28.84	71.1	5.34	4.8
SR4	9/14/2017 5:51	28.62	69.4	5.25	5.9	SR4	9/14/2017 11:51	29.39	72.0	5.41	6.1	SR4	9/14/2017 17:51	29.33	78.4	5.84	5.0	SR4	9/14/2017 23:51	28.85	71.9	5.40	4.5
SR4	9/14/2017 5:56	28.63	69.1	5.24	7.0	SR4	9/14/2017 11:56	29.41	73.0	5.48	6.1	SR4	9/14/2017 17:56	29.33	76.8	5.72	5.3	SR4	9/14/2017 23:56	29.11	71.3	5.35	5.9

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR5	9/14/2017 0:00	29.18	84.2	6.10	3.1	SR5	9/14/2017 6:00	28.65	71.1	5.17	3.0	SR5	9/14/2017 12:00	29.50	83.7	5.98	1.8	SR5	9/14/2017 18:00	29.38	76.6	5.49	1.8
SR5	9/14/2017 0:05	29.26	84.4	6.11	2.7	SR5	9/14/2017 6:05	28.81	70.6	**5.11**	3.3	SR5	9/14/2017 12:05	29.49	85.4	6.10	1.8	SR5	9/14/2017 18:05	29.27	76.2	5.46	1.9
SR5	9/14/2017 0:10	29.32	85.6	6.19	2.8	SR5	9/14/2017 6:10	28.68	74.9	5.42	4.2	SR5	9/14/2017 12:10	29.53	85.1	6.08	1.7	SR5	9/14/2017 18:10	29.33	75.8	5.43	2.3
SR5	9/14/2017 0:15	29.17	86.2	6.25	2.9	SR5	9/14/2017 6:15	28.72	74.1	5.37	3.1	SR5	9/14/2017 12:15	29.58	85.6	6.11	1.7	SR5	9/14/2017 18:15	29.33	76.5	5.47	1.8
SR5	9/14/2017 0:20	29.21	86.3	6.25	3.0	SR5	9/14/2017 6:20	28.89	74.1	5.36	3.6	SR5	9/14/2017 12:20	29.50	84.3	6.03	1.9	SR5	9/14/2017 18:20	29.35	76.2	5.45	1.6
SR5	9/14/2017 0:25	29.21	86.8	6.29	2.6	SR5	9/14/2017 6:25	28.71	74.3	5.38	2.7	SR5	9/14/2017 12:25	29.66	83.8	5.99	1.8	SR5	9/14/2017 18:25	29.20	75.9	5.44	2.0
SR5	9/14/2017 0:30	29.23	88.8	6.44	2.5	SR5	9/14/2017 6:30	28.87	73.7	5.34	4.2	SR5	9/14/2017 12:30	29.84	83.7	5.99	1.7	SR5	9/14/2017 18:30	29.25	75.4	5.40	2.3
SR5	9/14/2017 0:35	29.12	88.9	6.45	2.7	SR5	9/14/2017 6:35	28.88	73.2	5.31	2.4	SR5	9/14/2017 12:35	29.68	83.2	5.96	1.8	SR5	9/14/2017 18:35	29.34	77.3	5.53	1.9
SR5	9/14/2017 0:40	29.18	88.9	6.45	2.7	SR5	9/14/2017 6:40	28.91	72.7	5.28	2.6	SR5	9/14/2017 12:40	29.69	85.2	6.11	1.9	SR5	9/14/2017 18:40	29.29	82.8	5.96	1.8
SR5	9/14/2017 0:45	29.10	89.5	6.49	2.7	SR5	9/14/2017 6:45	29.00	72.3	5.25	2.8	SR5	9/14/2017 12:45	29.77	85.3	6.12	1.8	SR5	9/14/2017 18:45	29.29	82.6	5.95	1.8
SR5	9/14/2017 0:50	29.19	89.8	6.51	2.4	SR5	9/14/2017 6:50	28.86	72.5	5.27	2.1	SR5	9/14/2017 12:50	29.74	85.4	6.12	1.7	SR5	9/14/2017 18:50	29.22	82.4	5.93	1.9
SR5	9/14/2017 0:55	29.19	89.9	6.52	2.5	SR5	9/14/2017 6:55	28.90	72.2	5.24	2.0	SR5	9/14/2017 12:55	29.70	86.1	6.18	1.8	SR5	9/14/2017 18:55	29.30	82.5	5.95	2.1
SR5	9/14/2017 1:00	29.09	90.1	6.53	2.2	SR5	9/14/2017 7:00	28.81	72.9	5.29	1.6	SR5	9/14/2017 13:00	29.58	85.8	6.15	1.9	SR5	9/14/2017 19:00	29.22	82.7	5.96	2.3
SR5	9/14/2017 1:05	29.22	89.9	6.51	3.2	SR5	9/14/2017 7:05	28.79	73.8	5.36	2.0	SR5	9/14/2017 13:05	29.76	86.7	6.21	1.7	SR5	9/14/2017 19:05	29.27	84.1	6.07	2.1
SR5	9/14/2017 1:10	29.20	90.0	6.51	4.4	SR5	9/14/2017 7:10	28.77	74.3	5.40	1.8	SR5	9/14/2017 13:10	29.63	88.3	6.33	1.9	SR5	9/14/2017 19:10	29.24	83.8	6.04	1.8
SR5	9/14/2017 1:15	29.26	89.7	6.50	3.9	SR5	9/14/2017 7:15	28.96	74.8	5.44	2.0	SR5	9/14/2017 13:15	29.72	88.4	6.34	1.7	SR5	9/14/2017 19:15	29.17	86.1	6.20	2.3
SR5	9/14/2017 1:20	29.21	88.9	6.45	3.5	SR5	9/14/2017 7:20	28.97	74.3	5.40	1.7	SR5	9/14/2017 13:20	29.66	88.7	6.36	1.9	SR5	9/14/2017 19:20	29.22	86.1	6.21	1.6
SR5	9/14/2017 1:25	29.23	89.8	6.49	5.2	SR5	9/14/2017 7:25	28.95	74.3	5.41	1.7	SR5	9/14/2017 13:25	29.81	90.2	6.46	1.9	SR5	9/14/2017 19:25	29.13	85.3	6.16	2.3
SR5	9/14/2017 1:30	29.20	90.1	6.52	4.6	SR5	9/14/2017 7:30	28.86	73.3	5.33	1.9	SR5	9/14/2017 13:30	29.91	88.7	6.36	1.8	SR5	9/14/2017 19:30	29.19	84.9	6.13	1.9
SR5	9/14/2017 1:35	29.04	89.7	6.49	2.9	SR5	9/14/2017 7:35	28.93	75.8	5.51	2.0	SR5	9/14/2017 13:35	29.78	87.8	6.29	2.0	SR5	9/14/2017 19:35	29.06	85.7	6.17	1.9
SR5	9/14/2017 1:40	29.11	89.4	6.47	2.6	SR5	9/14/2017 7:40	28.90	75.5	5.49	2.1	SR5	9/14/2017 13:40	29.87	89.0	6.37	1.7	SR5	9/14/2017 19:40	29.03	84.9	6.11	1.6
SR5	9/14/2017 1:45	29.07	89.0	6.44	3.0	SR5	9/14/2017 7:45	29.04	75.2	5.46	1.9	SR5	9/14/2017 13:45	29.83	91.4	6.53	1.7	SR5	9/14/2017 19:45	29.06	84.7	6.11	1.7
SR5	9/14/2017 1:50	29.08	88.1	6.38	3.1	SR5	9/14/2017 7:50	28.94	75.1	5.45	1.9	SR5	9/14/2017 13:50	29.93	91.3	6.53	1.7	SR5	9/14/2017 19:50	28.98	84.3	6.07	1.8
SR5	9/14/2017 1:55	29.19	89.3	6.45	3.2	SR5	9/14/2017 7:55	29.10	74.8	5.44	1.8	SR5	9/14/2017 13:55	29.89	91.5	6.55	1.7	SR5	9/14/2017 19:55	29.07	85.3	6.15	2.0
SR5	9/14/2017 2:00	29.18	90.3	6.53	3.1	SR5	9/14/2017 8:00	29.12	75.9	5.52	1.9	SR5	9/14/2017 14:00	29.90	90.9	6.51	1.8	SR5	9/14/2017 20:00	29.07	85.2	6.15	1.9
SR5	9/14/2017 2:05	29.23	91.3	6.59	4.8	SR5	9/14/2017 8:05	29.01	74.8	5.43	1.8	SR5	9/14/2017 14:05	29.73	92.8	6.62	1.8	SR5	9/14/2017 20:05	29.13	85.5	6.17	1.8
SR5	9/14/2017 2:10	29.11	90.9	6.57	3.7	SR5	9/14/2017 8:10	28.99	77.2	5.61	1.8	SR5	9/14/2017 14:10	29.86	92.6	6.61	1.8	SR5	9/14/2017 20:10	29.04	86.5	6.24	2.0
SR5	9/14/2017 2:15	29.29	90.2	6.52	4.6	SR5	9/14/2017 8:15	28.96	77.0	5.59	1.7	SR5	9/14/2017 14:15	29.78	97.9	6.98	1.7	SR5	9/14/2017 20:15	29.17	86.0	6.21	1.9
SR5	9/14/2017 2:20	29.27	90.5	6.53	4.5	SR5	9/14/2017 8:20	28.99	78.8	5.72	1.6	SR5	9/14/2017 14:20	29.78	97.1	6.92	1.8	SR5	9/14/2017 20:20	29.03	84.6	6.11	1.6
SR5	9/14/2017 2:25	29.20	90.1	6.50	2.8	SR5	9/14/2017 8:25	28.84	78.6	5.71	1.7	SR5	9/14/2017 14:25	29.80	95.6	6.82	1.6	SR5	9/14/2017 20:25	29.01	86.3	6.23	1.6
SR5	9/14/2017 2:30	29.14	90.0	6.50	3.2	SR5	9/14/2017 8:30	28.79	81.9	5.94	1.9	SR5	9/14/2017 14:30	29.73	96.2	6.86	1.7	SR5	9/14/2017 20:30	28.93	86.8	6.26	2.4
SR5	9/14/2017 2:35	29.11	87.7	6.42	3.9	SR5	9/14/2017 8:35	28.98	78.1	5.67	1.8	SR5	9/14/2017 14:35	29.66	96.2	6.86	1.8	SR5	9/14/2017 20:35	28.92	86.4	6.24	2.2
SR5	9/14/2017 2:40	29.23	87.8	6.42	3.2	SR5	9/14/2017 8:40	28.94	78.7	5.71	1.8	SR5	9/14/2017 14:40	29.72	95.5	6.81	1.8	SR5	9/14/2017 20:40	28.98	86.3	6.23	1.7
SR5	9/14/2017 2:45	29.09	88.2	6.45	3.3	SR5	9/14/2017 8:45	29.07	76.7	5.56	1.8	SR5	9/14/2017 14:45	29.64	96.5	6.87	1.7	SR5	9/14/2017 20:45	29.15	84.9	6.13	1.9
SR5	9/14/2017 2:50	29.21	89.4	6.54	4.7	SR5	9/14/2017 8:50	28.98	77.3	5.60	1.8	SR5	9/14/2017 14:50	29.75	96.3	6.86	1.8	SR5	9/14/2017 20:50	29.00	86.1	6.22	2.0
SR5	9/14/2017 2:55	29.11	87.7	6.42	3.1	SR5	9/14/2017 8:55	29.27	78.5	5.69	1.6	SR5	9/14/2017 14:55	29.75	97.3	6.92	1.9	SR5	9/14/2017 20:55	28.98	85.2	6.15	1.7
SR5	9/14/2017 3:00	29.21	90.8	6.64	5.0	SR5	9/14/2017 9:00	29.23	77.1	5.59	1.7	SR5	9/14/2017 15:00	29.73	95.1	6.79	1.7	SR5	9/14/2017 21:00	29.00	85.7	6.18	1.7
SR5	9/14/2017 3:05	29.04	90.3	6.62	4.7	SR5	9/14/2017 9:05	29.12	76.8	5.57	1.7	SR5	9/14/2017 15:05	29.73	96.0	6.85	1.9	SR5	9/14/2017 21:05	28.97	86.0	6.21	1.6
SR5	9/14/2017 3:10	29.03	89.6	6.56	3.9	SR5	9/14/2017 9:10	29.10	76.9	5.57	1.7	SR5	9/14/2017 15:10	29.83	96.3	6.88	1.7	SR5	9/14/2017 21:10	29.06	87.5	6.31	1.8
SR5	9/14/2017 3:15	29.20	89.7	6.57	2.9	SR5	9/14/2017 9:15	29.22	77.7	5.64	1.8	SR5	9/14/2017 15:15	29.69	98.1	6.96	1.7	SR5	9/14/2017 21:15	29.07	86.7	6.25	1.7
SR5	9/14/2017 3:20	29.17	89.7	6.56	3.0	SR5	9/14/2017 9:20	29.07	77.3	5.60	1.8	SR5	9/14/2017 15:20	29.67	98.2	6.97	1.6	SR5	9/14/2017 21:20	29.06	87.7	6.33	1.7
SR5	9/14/2017 3:25	29.19	89.1	6.52	4.3	SR5	9/14/2017 9:25	29.20	77.4	5.60	2.6	SR5	9/14/2017 15:25	29.63	98.4	6.98	1.7	SR5	9/14/2017 21:25	29.03	86.7	6.25	1.6
SR5	9/14/2017 3:30	29.01	89.1	6.54	4.7	SR5	9/14/2017 9:30	29.28	77.9	5.65	2.0	SR5	9/14/2017 15:30	29.66	99.0	7.01	1.6	SR5	9/14/2017 21:30	28.96	88.2	6.38	1.8
SR5	9/14/2017 3:35	29.02	87.6	6.43	4.2	SR5	9/14/2017 9:35	29.14	76.5	5.54	2.5	SR5	9/14/2017 15:35	29.67	98.1	6.96	1.7	SR5	9/14/2017 21:35	28.99	84.8	6.13	1.6
SR5	9/14/2017 3:40	29.07	86.9	6.37	4.1	SR5	9/14/2017 9:40	29.26	75.7	5.49	2.2	SR5	9/14/2017 15:40	29.65	97.9	6.96	1.7	SR5	9/14/2017 21:40	29.08	85.6	6.19	1.7
SR5	9/14/2017 3:45	28.97	85.4	6.24	4.8	SR5						SR5	9/14/2017 15:45	29.72	97.9	6.95	1.7	SR5	9/14/2017 21:45	28.91	85.1	6.14	1.7
SR5	9/14/2017 3:50	29.04	82.5	6.03	4.0	SR5						SR5	9/14/2017 15:50	29.80	95.6	6.80	1.6	SR5	9/14/2017 21:50	29.08	86.0	6.21	1.7
SR5	9/14/2017 3:55	29.08	82.6	6.04	3.3	SR5						SR5	9/14/2017 15:55	29.69	97.4	6.92	1.6	SR5	9/14/2017 21:55	28.91	86.6	6.24	1.7
SR5	9/14/2017 4:00	29.14	83.2	6.08	4.6	SR5	9/14/2017 10:00	29.24	75.3	5.46	2.0	SR5	9/14/2017 16:00	29.74	98.5	7.01	1.7	SR5	9/14/2017 22:00	28.94	85.1	6.14	1.5
SR5	9/14/2017 4:05	28.97	84.1	6.16	3.7	SR5	9/14/2017 10:05	29.22	75.8	5.48	2.0	SR5	9/14/2017 16:05	29.72	98.8	7.04	1.7	SR5	9/14/2017 22:05	29.03	85.4	6.16	1.8
SR5	9/14/2017 4:10	28.98	85.3	6.24	3.6	SR5	9/14/2017 10:10	29.34	75.1	5.44	2.1	SR5	9/14/2017 16:10	29.70	99.7	7.10	1.6	SR5	9/14/2017 22:10	28.98	85.7	6.19	1.8
SR5	9/14/2017 4:15	29.08	85.2	6.24	4.4	SR5	9/14/2017 10:15	29.41	74.8	5.41	1.7	SR5	9/14/2017 16:15	29.62	102.0	7.26	1.6	SR5	9/14/2017 22:15	28.93	86.3	6.22	1.6
SR5	9/14/2017 4:20	28.95	85.7	6.27	3.3	SR5	9/14/2017 10:20	29.23	72.6	5.26	2.4	SR5	9/14/2017 16:20	29.54	102.3	7.27	1.6	SR5	9/14/2017 22:20	28.97	86.2	6.22	1.7
SR5	9/14/2017 4:25	28.98	86.1	6.22	2.6	SR5	9/14/2017 10:25	29.28	72.8	5.32	1.8	SR5	9/14/2017 16:25	29.64	102.9	7.31	1.7	SR5	9/14/2017 22:25	28.97	85.0	6.14	1.6
SR5	9/14/2017 4:30	28.91	85.9	6.22	4.3	SR5	9/14/2017 10:30	29.30	72.4	5.30	1.9	SR5	9/14/2017 16:30	29.51	104.1	7.38	1.6	SR5	9/14/2017 22:30	29.02	84.3	6.10	1.6
SR5	9/14/2017 4:35	29.03	86.1	6.24	4.4	SR5	9/14/2017 10:35	29.33	73.1	5.35	2.4	SR5	9/14/2017 16:35	29.54	103.7	7.36	1.7	SR5	9/14/2017 22:35	28.89	84.6	6.12	1.6
SR5	9/14/2017 4:40	29.02	85.4	6.19	3.4	SR5	9/14/2017 10:40	29.37	72.0	5.27	2.1	SR5	9/14/2017 16:40	29.67	103.1	7.31	1.6	SR5	9/14/2017 22:40	28.94	84.5	6.11	1.7
SR5	9/14/2017 4:45	29.00	85.8	6.22	3.4	SR5	9/14/2017 10:45	29.41	71.9	5.26	1.9	SR5	9/14/2017 16:45	29.68	101.4	7.20	1.6	SR5	9/14/2017 22:45	29.00	84.0	6.08	1.6
SR5	9/14/2017 4:50	29.06	85.8	6.22	3.1	SR5	9/14/2017 10:50	29.35	72.1	5.28	2.3	SR5	9/14/2017 16:50	29.55	101.6	7.22	1.7	SR5	9/14/2017 22:50	28.93	82.7	5.99	1.6
SR5	9/14/2017 4:55	28.94	83.7	6.06	4.8	SR5	9/14/2017 10:55	29.36	71.7	5.25	2.3	SR5	9/14/2017 16:55	29.64	101.1	7.18	1.5	SR5	9/14/2017 22:55	29.00	83.0	6.00	1.7
SR5	9/14/2017 5:00	29.00	84.7	6.13	2.4	SR5	9/14/2017 11:00	29.45	72.4	5.30	2.0	SR5	9/14/2017 17:00	29.51	102.6	7.29	1.6	SR5	9/14/2017 23:00	29.00	83.3	6.02	1.6
SR5	9/14/2017 5:05	28.95	87.5	6.32	2.9	SR5	9/14/2017 11:05	29.62	72.2	5.29	1.9	SR5	9/14/2017 17:05	29.58	101.0	7.17	1.7	SR5	9/14/2017 23:05	28.95	83.4	6.03	1.7
SR5	9/14/2017 5:10	28.90	87.3	6.30	3.6	SR5	9/14/2017 11:10	29.59	73.0	5.34	2.4	SR5	9/14/2017 17:10	29.49	99.7	7.09	1.6	SR5	9/14/2017 23:10	28.96	83.0	6.01	1.7
SR5	9/14/2017 5:15	28.88	81.2	5.89	5.2	SR5	9/14/2017 11:15	29.44	78.1	5.59	1.9	SR5	9/14/2017 17:15	29.41	102.3	7.27	2.2	SR5	9/14/2017 23:15	29.08	82.8	5.99	1.6
SR5	9/14/2017 5:20	28.98	82.9	6.00	3.3	SR5	9/14/2017 11:20	29.49	78.2	5.59	1.6	SR5	9/14/2017 17:20	29.55	102.5	7.28	2.2	SR5	9/14/2017 23:20	28.94	81.5	5.90	1.8
SR5	9/14/2017 5:25	28.81	83.8	6.06	4.4	SR5	9/14/2017 11:25	29.38	81.6	5.83	1.7	SR5	9/14/2017 17:25	29.54	91.9	6.55	2.0	SR5	9/14/2017 23:25	29.00	82.0	5.93	1.8
SR5	9/14/2017 5:30	28.88	76.5	5.56	2.6	SR5	9/14/2017 11:30	29.54	82.5	5.89	1.9	SR5	9/14/2017 17:30	29.49	94.7	6.74	2.0	SR5	9/14/2017 23:30	29.01	83.1	6.02	1.6
SR5	9/14/2017 5:35	28.82	76.2	5.54	4.7	SR5	9/14/2017 11:35	29.46	83.1	5.93	1.9	SR5	9/14/2017 17:35	29.52	86.1	6.15	1.9	SR5	9/14/2017 23:35	28.99	83.6	6.05	1.6
SR5	9/14/2017 5:40	28.66	74.6	5.42	4.6	SR5	9/14/2017 11:40	29.37	82.6	5.89	1.7	SR5	9/14/2017 17:40	29.36	82.4	5.89	2.1	SR5	9/14/2017 23:40	29.03	82.9	6.00	1.8
SR5	9/14/2017 5:45	28.75	72.5	5.27	3.9	SR5	9/14/2017 11:45	29.39	83.0	5.93	1.8	SR5	9/14/2017 17:45	29.36	79.6	5.69	1.6	SR5	9/14/2017 23:45	29.08	83.8	6.06	1.6
SR5	9/14/2017 5:50	28.63	73.2	5.32	3.9	SR5	9/14/2017 11:50	29.47	81.9	5.86	1.9	SR5	9/14/2017 17:50	29.44	82.3	5.88	2.3	SR5	9/14/2017 23:50	29.06	85.2	6.15	1.5
SR5	9/14/2017 5:55	28.68	72.7	5.29	3.6	SR5	9/14/2017 11:55	29.41	82.7	5.92	1.9	SR5	9/14/2017 17:55	29.44	80.4	5.75	1.7	SR5	9/14/2017 23:55	28.94	83.5	6.04	1.8

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR12	9/14/2017 0:01	29.18	74.5	5.47	9.3	SR12	9/14/2017 6:01	28.66	74.1	5.44	7.7	SR12	9/14/2017 12:01	29.39	76.1	5.56	6.4	SR12	9/14/2017 18:01	29.31	78.4	5.73	6.6
SR12	9/14/2017 0:06	29.15	74.6	5.47	7.9	SR12	9/14/2017 6:06	28.68	72.3	5.30	7.4	SR12	9/14/2017 12:06	29.40	75.8	5.54	7.6	SR12	9/14/2017 18:06	29.25	77.8	5.68	7.5
SR12	9/14/2017 0:11	29.15	75.0	5.50	8.1	SR12	9/14/2017 6:11	28.67	74.6	5.48	7.7	SR12	9/14/2017 12:11	29.41	75.0	5.49	6.5	SR12	9/14/2017 18:11	29.26	78.2	5.72	6.2
SR12	9/14/2017 0:16	29.14	75.6	5.55	8.3	SR12	9/14/2017 6:16	28.70	74.6	5.48	7.8	SR12	9/14/2017 12:16	29.43	76.2	5.56	6.9	SR12	9/14/2017 18:16	29.23	76.9	5.62	6.0
SR12	9/14/2017 0:21	29.13	75.9	5.57	8.4	SR12	9/14/2017 6:21	28.71	73.3	5.38	7.6	SR12	9/14/2017 12:21	29.40	75.2	5.50	7.0	SR12	9/14/2017 18:21	29.22	75.7	5.54	6.4
SR12	9/14/2017 0:26	29.12	76.6	5.63	7.2	SR12	9/14/2017 6:26	28.70	73.5	5.40	7.6	SR12	9/14/2017 12:26	29.41	75.5	5.53	7.8	SR12	9/14/2017 18:26	29.14	76.4	5.59	7.4
SR12	9/14/2017 0:31	29.10	78.5	5.77	7.7	SR12	9/14/2017 6:31	28.73	73.0	5.37	7.7	SR12	9/14/2017 12:31	29.53	74.6	5.47	7.1	SR12	9/14/2017 18:31	29.16	75.3	5.51	6.4
SR12	9/14/2017 0:36	29.10	78.0	5.73	7.8	SR12	9/14/2017 6:36	28.74	73.0	5.37	7.5	SR12	9/14/2017 12:36	29.55	73.2	5.38	6.5	SR12	9/14/2017 18:36	29.14	77.1	5.64	6.1
SR12	9/14/2017 0:41	29.09	77.8	5.72	8.8	SR12	9/14/2017 6:41	28.77	73.3	5.39	7.0	SR12	9/14/2017 12:41	29.53	74.2	5.44	7.7	SR12	9/14/2017 18:41	29.14	76.9	5.63	6.1
SR12	9/14/2017 0:46	29.09	78.4	5.76	8.4	SR12	9/14/2017 6:46	28.83	72.8	5.35	8.1	SR12	9/14/2017 12:46	29.55	74.7	5.48	6.8	SR12	9/14/2017 18:46	29.12	77.6	5.67	6.2
SR12	9/14/2017 0:51	29.10	79.4	5.84	7.8	SR12	9/14/2017 6:51	28.82	73.2	5.38	8.8	SR12	9/14/2017 12:51	29.54	74.6	5.48	6.8	SR12	9/14/2017 18:51	29.10	76.8	5.61	6.2
SR12	9/14/2017 0:56	29.10	79.0	5.81	8.2	SR12	9/14/2017 6:56	28.82	72.7	5.35	9.0	SR12	9/14/2017 12:56	29.53	74.4	5.46	7.2	SR12	9/14/2017 18:56	29.11	75.8	5.55	6.3
SR12	9/14/2017 1:01	29.10	78.9	5.80	7.3	SR12	9/14/2017 7:01	28.80	72.5	5.34	7.5	SR12	9/14/2017 13:01	29.55	74.9	5.49	7.6	SR12	9/14/2017 19:01	29.07	77.4	5.66	7.5
SR12	9/14/2017 1:06	29.09	80.0	5.87	7.3	SR12	9/14/2017 7:06	28.79	73.6	5.41	7.7	SR12	9/14/2017 13:06	29.51	75.3	5.52	7.5	SR12	9/14/2017 19:06	29.10	77.4	5.66	6.3
SR12	9/14/2017 1:11	29.09	79.8	5.85	6.4	SR12	9/14/2017 7:11	28.78	74.2	5.46	7.3	SR12	9/14/2017 13:11	29.50	75.0	5.50	8.3	SR12	9/14/2017 19:11	29.06	78.3	5.72	7.5
SR12	9/14/2017 1:16	29.10	79.9	5.86	8.3	SR12	9/14/2017 7:16	28.79	72.8	5.36	7.0	SR12	9/14/2017 13:16	29.59	76.3	5.59	7.5	SR12	9/14/2017 19:16	29.06	79.5	5.81	6.3
SR12	9/14/2017 1:21	29.09	79.1	5.81	8.5	SR12	9/14/2017 7:21	28.79	72.1	5.30	7.4	SR12	9/14/2017 13:21	29.63	76.3	5.59	7.3	SR12	9/14/2017 19:21	29.04	79.6	5.82	6.3
SR12	9/14/2017 1:26	29.05	80.2	5.88	8.1	SR12	9/14/2017 7:26	28.81	73.8	5.43	6.4	SR12	9/14/2017 13:26	29.69	76.6	5.61	6.9	SR12	9/14/2017 19:26	28.99	78.2	5.71	7.3
SR12	9/14/2017 1:31	29.04	79.5	5.83	6.9	SR12	9/14/2017 7:31	28.79	71.7	5.28	7.8	SR12	9/14/2017 13:31	29.72	76.6	5.61	6.8	SR12	9/14/2017 19:31	28.99	78.9	5.77	7.2
SR12	9/14/2017 1:36	29.03	79.3	5.81	7.1	SR12	9/14/2017 7:36	28.77	74.4	5.47	8.6	SR12	9/14/2017 13:36	29.73	75.7	5.55	8.4	SR12	9/14/2017 19:36	29.01	78.5	5.73	7.3
SR12	9/14/2017 1:41	29.04	79.1	5.80	7.2	SR12	9/14/2017 7:41	28.85	73.3	5.40	7.5	SR12	9/14/2017 13:41	29.80	77.2	5.64	6.8	SR12	9/14/2017 19:41	28.99	78.5	5.73	7.4
SR12	9/14/2017 1:46	29.05	78.7	5.78	7.8	SR12	9/14/2017 7:46	28.87	73.9	5.43	7.7	SR12	9/14/2017 13:46	29.78	76.7	5.60	7.2	SR12	9/14/2017 19:46	28.94	79.3	5.78	6.4
SR12	9/14/2017 1:51	29.04	77.5	5.68	7.0	SR12	9/14/2017 7:51	28.91	73.7	5.42	7.1	SR12	9/14/2017 13:51	29.75	77.5	5.66	6.2	SR12	9/14/2017 19:51	28.95	78.4	5.71	5.8
SR12	9/14/2017 1:56	29.04	78.8	5.77	7.7	SR12	9/14/2017 7:56	28.95	72.8	5.36	6.9	SR12	9/14/2017 13:56	29.77	76.0	5.56	6.2	SR12	9/14/2017 19:56	28.94	79.0	5.76	7.0
SR12	9/14/2017 2:01	29.04	78.2	5.74	7.6	SR12	9/14/2017 8:01	28.93	73.6	5.41	6.9	SR12	9/14/2017 14:01	29.75	76.3	5.59	7.1	SR12	9/14/2017 20:01	28.95	78.8	5.75	7.2
SR12	9/14/2017 2:06	29.05	77.9	5.71	8.2	SR12	9/14/2017 8:06	28.95	73.6	5.42	7.2	SR12	9/14/2017 14:06	29.70	77.6	5.66	7.6	SR12	9/14/2017 20:06	28.95	79.8	5.82	7.2
SR12	9/14/2017 2:11	29.05	78.2	5.74	9.4	SR12	9/14/2017 8:11	28.95	73.7	5.43	8.1	SR12	9/14/2017 14:11	29.68	77.2	5.62	6.8	SR12	9/14/2017 20:11	28.99	80.2	5.85	7.4
SR12	9/14/2017 2:16	29.07	76.4	5.61	7.5	SR12	9/14/2017 8:16	28.91	74.3	5.46	7.9	SR12	9/14/2017 14:16	29.65	78.0	5.68	5.9	SR12	9/14/2017 20:16	28.95	79.3	5.79	6.1
SR12	9/14/2017 2:21	29.05	77.4	5.68	7.2	SR12	9/14/2017 8:21	28.93	74.8	5.50	6.2	SR12	9/14/2017 14:21	29.66	78.1	5.69	6.7	SR12	9/14/2017 20:21	28.97	77.9	5.69	6.7
SR12	9/14/2017 2:26	29.05	77.0	5.65	8.5	SR12	9/14/2017 8:26	28.82	74.6	5.48	7.6	SR12	9/14/2017 14:26	29.65	76.9	5.61	7.4	SR12	9/14/2017 20:26	28.93	79.0	5.76	6.4
SR12	9/14/2017 2:31	29.02	75.9	5.58	7.3	SR12	9/14/2017 8:31	28.80	77.7	5.71	8.2	SR12	9/14/2017 14:31	29.62	77.7	5.67	6.0	SR12	9/14/2017 20:31	28.90	78.3	5.71	7.0
SR12	9/14/2017 2:36	29.04	76.7	5.63	7.2	SR12	9/14/2017 8:36	28.81	75.2	5.53	7.3	SR12	9/14/2017 14:36	29.63	78.0	5.69	8.0	SR12	9/14/2017 20:36	28.87	79.1	5.78	6.0
SR12	9/14/2017 2:41	29.00	76.0	5.58	7.6	SR12	9/14/2017 8:41	28.86	73.5	5.40	7.3	SR12	9/14/2017 14:41	29.63	76.6	5.59	6.6	SR12	9/14/2017 20:41	28.94	78.2	5.71	7.4
SR12	9/14/2017 2:46	28.98	76.8	5.64	6.9	SR12	9/14/2017 8:46	28.87	73.4	5.39	7.7	SR12	9/14/2017 14:46	29.63	76.7	5.60	6.1	SR12	9/14/2017 20:46	28.97	76.7	5.61	7.5
SR12	9/14/2017 2:51	28.96	76.9	5.65	8.3	SR12	9/14/2017 8:51	28.97	72.6	5.33	6.9	SR12	9/14/2017 14:51	29.64	77.8	5.67	7.3	SR12	9/14/2017 20:51	28.97	76.8	5.61	5.9
SR12	9/14/2017 2:56	28.98	77.2	5.66	7.9	SR12	9/14/2017 8:56	29.10	73.9	5.43	6.8	SR12	9/14/2017 14:56	29.66	79.0	5.75	7.7	SR12	9/14/2017 20:56	28.97	76.9	5.61	6.7
SR12	9/14/2017 3:01	28.96	79.0	5.80	7.2	SR12	9/14/2017 9:01	29.06	72.9	5.35	7.2	SR12	9/14/2017 15:01	29.69	77.2	5.64	6.2	SR12	9/14/2017 21:01	28.95	76.6	5.59	6.4
SR12	9/14/2017 3:06	28.95	78.1	5.74	8.8	SR12	9/14/2017 9:06	29.08	73.9	5.43	7.3	SR12	9/14/2017 15:06	29.70	77.2	5.65	7.0	SR12	9/14/2017 21:06	28.91	77.4	5.65	6.8
SR12	9/14/2017 3:11	28.99	78.5	5.77	8.0	SR12	9/14/2017 9:11	29.08	74.5	5.47	7.0	SR12	9/14/2017 15:11	29.71	77.8	5.69	6.7	SR12	9/14/2017 21:11	28.91	78.0	5.69	6.5
SR12	9/14/2017 3:16	29.02	77.2	5.68	7.4	SR12	9/14/2017 9:16	29.09	75.4	5.53	6.8	SR12	9/14/2017 15:16	29.70	79.8	5.79	6.8	SR12	9/14/2017 21:16	28.87	76.5	5.59	7.9
SR12	9/14/2017 3:21	29.01	77.7	5.71	9.0	SR12	9/14/2017 9:21	29.07	73.9	5.42	7.4	SR12	9/14/2017 15:21	29.69	78.9	5.73	7.4	SR12	9/14/2017 21:21	28.87	77.7	5.68	7.3
SR12	9/14/2017 3:26	29.00	77.7	5.71	7.8	SR12	9/14/2017 9:26	29.07	75.1	5.50	7.4	SR12	9/14/2017 15:26	29.65	78.9	5.72	6.2	SR12	9/14/2017 21:26	28.87	77.4	5.65	6.7
SR12	9/14/2017 3:31	29.01	77.9	5.74	7.9	SR12	9/14/2017 9:31	29.14	75.6	5.55	7.5	SR12	9/14/2017 15:31	29.63	79.1	5.73	7.4	SR12	9/14/2017 21:31	28.91	78.8	5.76	7.9
SR12	9/14/2017 3:36	29.00	76.0	5.60	6.9	SR12	9/14/2017 9:36	29.13	73.7	5.41	7.7	SR12	9/14/2017 15:36	29.62	78.8	5.72	6.8	SR12	9/14/2017 21:36	28.90	76.7	5.60	7.0
SR12	9/14/2017 3:41	28.99	74.9	5.51	8.8	SR12	9/14/2017 9:41	29.10	75.1	5.51	6.6	SR12	9/14/2017 15:41	29.61	78.8	5.73	7.6	SR12	9/14/2017 21:41	28.90	77.3	5.65	6.5
SR12	9/14/2017 3:46	28.95	72.8	5.34	7.9	SR12	9/14/2017 9:46	29.10	73.8	5.40	7.2	SR12	9/14/2017 15:46	29.61	78.4	5.70	7.0	SR12	9/14/2017 21:46	28.92	76.3	5.57	6.2
SR12	9/14/2017 3:51	28.95	71.1	5.21	6.7	SR12	9/14/2017 9:51	29.09	73.5	5.39	7.2	SR12	9/14/2017 15:51	29.63	78.5	5.71	7.2	SR12	9/14/2017 21:51	28.89	76.4	5.59	6.2
SR12	9/14/2017 3:56	28.94	70.2	5.15	8.6	SR12	9/14/2017 9:56	29.14	74.4	5.45	7.7	SR12	9/14/2017 15:56	29.62	78.6	5.72	6.8	SR12	9/14/2017 21:56	28.88	75.4	5.51	6.3
SR12	9/14/2017 4:01	28.94	71.5	5.24	7.1	SR12	9/14/2017 10:01	29.15	75.0	5.49	6.9	SR12	9/14/2017 16:01	29.63	77.4	5.64	6.4	SR12	9/14/2017 22:01	28.88	74.4	5.44	7.1
SR12	9/14/2017 4:06	28.91	73.0	5.36	8.2	SR12	9/14/2017 10:06	29.16	74.8	5.47	6.8	SR12	9/14/2017 16:06	29.65	76.3	5.58	7.1	SR12	9/14/2017 22:06	28.92	74.4	5.44	6.6
SR12	9/14/2017 4:11	28.94	73.2	5.37	8.8	SR12	9/14/2017 10:11	29.21	75.0	5.49	7.6	SR12	9/14/2017 16:11	29.61	75.9	5.55	7.4	SR12	9/14/2017 22:11	28.95	74.2	5.43	7.3
SR12	9/14/2017 4:16	28.97	74.0	5.44	8.0	SR12	9/14/2017 10:16	29.22	74.3	5.44	6.3	SR12	9/14/2017 16:16	29.57	78.9	5.76	6.2	SR12	9/14/2017 22:16	28.95	74.5	5.45	6.6
SR12	9/14/2017 4:21	28.95	73.6	5.40	7.5	SR12	9/14/2017 10:21	29.20	74.5	5.45	7.2	SR12	9/14/2017 16:21	29.54	80.3	5.84	7.1	SR12	9/14/2017 22:21	28.95	74.6	5.46	7.0
SR12	9/14/2017 4:26	28.93	74.0	5.43	6.5	SR12	9/14/2017 10:26	29.21	75.6	5.53	6.9	SR12	9/14/2017 16:26	29.55	79.4	5.78	6.0	SR12	9/14/2017 22:26	28.94	74.9	5.48	6.0
SR12	9/14/2017 4:31	28.91	74.1	5.45	8.0	SR12	9/14/2017 10:31	29.18	74.9	5.48	8.0	SR12	9/14/2017 16:31	29.51	79.6	5.79	6.7	SR12	9/14/2017 22:31	28.91	75.0	5.48	5.8
SR12	9/14/2017 4:36	28.91	75.3	5.54	7.4	SR12	9/14/2017 10:36	29.27	74.2	5.42	6.8	SR12	9/14/2017 16:36	29.51	78.5	5.72	6.3	SR12	9/14/2017 22:36	28.92	75.2	5.50	7.1
SR12	9/14/2017 4:41	28.88	74.9	5.51	7.7	SR12	9/14/2017 10:41	29.27	74.0	5.41	6.6	SR12	9/14/2017 16:41	29.49	79.7	5.80	7.7	SR12	9/14/2017 22:41	28.93	74.9	5.48	6.4
SR12	9/14/2017 4:46	28.88	74.0	5.45	7.0	SR12	9/14/2017 10:46	29.28	74.9	5.48	7.8	SR12	9/14/2017 16:46	29.47	78.2	5.70	6.4	SR12	9/14/2017 22:46	28.93	75.6	5.54	7.4
SR12	9/14/2017 4:51	28.86	75.0	5.52	6.2	SR12	9/14/2017 10:51	29.29	74.5	5.45	7.3	SR12	9/14/2017 16:51	29.47	78.8	5.74	6.5	SR12	9/14/2017 22:51	28.94	74.7	5.46	7.2
SR12	9/14/2017 4:56	28.86	75.1	5.52	7.6	SR12	9/14/2017 10:56	29.29	74.6	5.46	7.4	SR12	9/14/2017 16:56	29.45	77.8	5.67	6.7	SR12	9/14/2017 22:56	28.94	74.4	5.44	6.4
SR12	9/14/2017 5:01	28.85	74.6	5.48	6.4	SR12	9/14/2017 11:01	29.37	73.6	5.39	7.9	SR12	9/14/2017 17:01	29.43	77.4	5.65	7.7	SR12	9/14/2017 23:01	28.92	73.6	5.38	6.1
SR12	9/14/2017 5:06	28.85	74.4	5.47	6.8	SR12	9/14/2017 11:06	29.43	73.4	5.38	7.1	SR12	9/14/2017 17:06	29.43	77.2	5.63	7.1	SR12	9/14/2017 23:06	28.91	73.5	5.38	6.9
SR12	9/14/2017 5:11	28.84	73.5	5.40	7.0	SR12	9/14/2017 11:11	29.43	75.0	5.48	6.4	SR12	9/14/2017 17:11	29.41	75.2	5.50	7.0	SR12	9/14/2017 23:11	28.92	74.1	5.42	7.0
SR12	9/14/2017 5:16	28.83	73.8	5.42	8.6	SR12	9/14/2017 11:16	29.41	74.0	5.41	7.0	SR12	9/14/2017 17:16	29.43	77.8	5.68	6.7	SR12	9/14/2017 23:16	28.90	74.3	5.43	6.3
SR12	9/14/2017 5:21	28.79	73.4	5.40	7.2	SR12	9/14/2017 11:21	29.40	75.1	5.49	6.2	SR12	9/14/2017 17:21	29.42	78.4	5.72	7.1	SR12	9/14/2017 23:21	28.90	73.0	5.34	7.5
SR12	9/14/2017 5:26	28.76	73.6	5.40	7.7	SR12	9/14/2017 11:26	29.38	75.1	5.49	7.7	SR12	9/14/2017 17:26	29.41	78.3	5.71	7.5	SR12	9/14/2017 23:26	28.92	72.7	5.32	6.3
SR12	9/14/2017 5:31	28.70	73.4	5.39	7.1	SR12	9/14/2017 11:31	29.39	75.3	5.50	7.3	SR12	9/14/2017 17:31	29.39	77.6	5.66	7.4	SR12	9/14/2017 23:31	28.92	73.3	5.37	7.2
SR12	9/14/2017 5:36	28.62	73.2	5.38	6.9	SR12	9/14/2017 11:36	29.38	75.6	5.52	7.1	SR12	9/14/2017 17:36	29.40	78.3	5.71	7.4	SR12	9/14/2017 23:36	28.92	74.3	5.44	7.2
SR12	9/14/2017 5:41	28.62	72.6	5.34	8.1	SR12	9/14/2017 11:41	29.36	75.9	5.54	7.8	SR12	9/14/2017 17:41	29.36	78.5	5.73	6.4	SR12	9/14/2017 23:41	28.91	74.0	5.42	7.1
SR12	9/14/2017 5:46	28.67	72.0	5.29	7.3	SR12	9/14/2017 11:46	29.32	75.2	5.49	7.7	SR12	9/14/2017 17:46	29.34	77.2	5.63	7.4	SR12	9/14/2017 23:46	28.91	73.4	5.37	7.1
SR12	9/14/2017 5:51	28.64	73.1	5.37	6.7	SR12	9/14/2017 11:51	29.32	75.3	5.51	7.6	SR12	9/14/2017 17:51	29.35	77.7	5.67	7.0	SR12	9/14/2017 23:51	28.92	74.1	5.42	6.4
SR12	9/14/2017 5:56	28.65	73.8	5.42	8.6	SR12	9/14/2017 11:56	29.39	75.2	5.50	6.8	SR12	9/14/2017 17:56	29.33	77.3	5.64	6.1	SR12	9/14/2017 23:56	29.23	73.6	5.39	7.6

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR13	9/14/2017 0:00	29.26	67.0	4.86	6.1	SR13	9/14/2017 6:00	28.80	66.8	4.85	6.2	SR13	9/14/2017 12:00	29.61	67.9	4.91	6.0	SR13	9/14/2017 18:00	29.48	70.5	5.10	8.9
SR13	9/14/2017 0:05	29.24	67.0	4.86	6.3	SR13	9/14/2017 6:05	28.80	66.3	4.80	6.3	SR13	9/14/2017 12:05	29.56	67.4	4.88	7.1	SR13	9/14/2017 18:05	29.29	69.6	5.03	5.5
SR13	9/14/2017 0:10	29.28	67.6	4.90	7.4	SR13	9/14/2017 6:10	28.84	67.1	4.87	6.1	SR13	9/14/2017 12:10	29.53	67.3	4.88	7.8	SR13	9/14/2017 18:10	29.41	69.4	5.03	5.5
SR13	9/14/2017 0:15	29.28	67.7	4.91	5.5	SR13	9/14/2017 6:15	28.89	67.4	4.89	6.6	SR13	9/14/2017 12:15	29.48	68.3	4.94	6.1	SR13	9/14/2017 18:15	29.41	69.1	5.00	6.7
SR13	9/14/2017 0:20	29.21	67.9	4.92	6.7	SR13	9/14/2017 6:20	28.78	67.0	4.86	7.0	SR13	9/14/2017 12:20	29.60	67.0	4.85	5.8	SR13	9/14/2017 18:20	29.29	69.0	5.00	7.1
SR13	9/14/2017 0:25	29.22	68.6	4.98	6.4	SR13	9/14/2017 6:25	28.74	66.9	4.86	6.4	SR13	9/14/2017 12:25	29.60	68.2	4.94	6.8	SR13	9/14/2017 18:25	29.17	68.5	4.96	6.8
SR13	9/14/2017 0:30	29.22	69.4	5.04	6.4	SR13	9/14/2017 6:30	28.86	67.3	4.88	7.8	SR13	9/14/2017 12:30	29.80	66.9	4.85	5.4	SR13	9/14/2017 18:30	29.35	68.1	4.93	5.0
SR13	9/14/2017 0:35	29.26	68.8	5.00	5.9	SR13	9/14/2017 6:35	28.93	67.0	4.86	7.1	SR13	9/14/2017 12:35	29.70	66.3	4.81	7.5	SR13	9/14/2017 18:35	29.37	69.4	5.02	7.4
SR13	9/14/2017 0:40	29.26	68.8	5.00	6.1	SR13	9/14/2017 6:40	28.81	67.8	4.92	7.8	SR13	9/14/2017 12:40	29.78	67.4	4.88	7.6	SR13	9/14/2017 18:40	29.24	69.3	5.02	8.0
SR13	9/14/2017 0:45	29.21	68.8	5.00	6.5	SR13	9/14/2017 6:45	29.02	67.1	4.87	6.1	SR13	9/14/2017 12:45	29.80	67.7	4.91	5.8	SR13	9/14/2017 18:45	29.31	70.0	5.06	4.8
SR13	9/14/2017 0:50	29.30	69.3	5.03	6.1	SR13	9/14/2017 6:50	28.87	67.6	4.90	6.5	SR13	9/14/2017 12:50	29.67	67.4	4.89	7.2	SR13	9/14/2017 18:50	29.32	69.4	5.02	7.4
SR13	9/14/2017 0:55	29.16	69.2	5.03	5.8	SR13	9/14/2017 6:55	29.02	66.7	4.84	6.4	SR13	9/14/2017 12:55	29.73	66.9	4.85	6.6	SR13	9/14/2017 18:55	29.27	69.4	5.03	5.2
SR13	9/14/2017 1:00	29.08	69.1	5.02	6.2	SR13	9/14/2017 7:00	28.95	67.0	4.87	6.4	SR13	9/14/2017 13:00	29.65	67.4	4.89	7.5	SR13	9/14/2017 19:00	29.19	70.1	5.07	7.6
SR13	9/14/2017 1:05	29.30	69.8	5.06	5.5	SR13	9/14/2017 7:05	28.78	67.2	4.88	6.6	SR13	9/14/2017 13:05	29.70	67.1	4.86	6.5	SR13	9/14/2017 19:05	29.30	68.8	4.98	7.5
SR13	9/14/2017 1:10	29.27	70.4	5.10	6.5	SR13	9/14/2017 7:10	28.80	67.7	4.92	5.9	SR13	9/14/2017 13:10	29.61	67.5	4.89	6.2	SR13	9/14/2017 19:10	29.28	70.7	5.11	5.8
SR13	9/14/2017 1:15	29.33	70.1	5.09	6.5	SR13	9/14/2017 7:15	28.88	67.2	4.88	6.9	SR13	9/14/2017 13:15	29.85	68.6	4.97	6.0	SR13	9/14/2017 19:15	29.27	70.3	5.09	7.3
SR13	9/14/2017 1:20	29.20	69.4	5.04	6.5	SR13	9/14/2017 7:20	28.96	67.2	4.88	7.0	SR13	9/14/2017 13:20	29.65	67.9	4.92	5.3	SR13	9/14/2017 19:20	29.28	71.3	5.16	7.5
SR13	9/14/2017 1:25	29.27	70.0	5.08	6.9	SR13	9/14/2017 7:25	28.86	67.3	4.89	6.7	SR13	9/14/2017 13:25	29.80	68.5	4.96	6.1	SR13	9/14/2017 19:25	29.11	69.9	5.06	6.5
SR13	9/14/2017 1:30	29.12	69.7	5.06	6.4	SR13	9/14/2017 7:30	28.98	67.0	4.87	6.3	SR13	9/14/2017 13:30	29.85	68.4	4.96	6.1	SR13	9/14/2017 19:30	29.24	70.8	5.13	7.2
SR13	9/14/2017 1:35	29.05	70.0	5.07	6.1	SR13	9/14/2017 7:35	28.93	68.1	4.94	7.9	SR13	9/14/2017 13:35	29.74	67.9	4.92	7.6	SR13	9/14/2017 19:35	29.15	70.4	5.09	6.4
SR13	9/14/2017 1:40	29.23	69.4	5.03	6.0	SR13	9/14/2017 7:40	28.94	67.5	4.91	5.9	SR13	9/14/2017 13:40	29.91	68.1	4.93	6.4	SR13	9/14/2017 19:40	29.13	69.4	5.02	6.5
SR13	9/14/2017 1:45	29.11	69.7	5.06	7.3	SR13	9/14/2017 7:45	29.05	67.1	4.87	7.0	SR13	9/14/2017 13:45	29.77	68.5	4.96	6.1	SR13	9/14/2017 19:45	29.18	70.7	5.11	7.0
SR13	9/14/2017 1:50	29.24	68.2	4.94	7.6	SR13	9/14/2017 7:50	28.95	67.0	4.87	6.6	SR13	9/14/2017 13:50	30.00	69.0	4.99	7.2	SR13	9/14/2017 19:50	29.14	70.2	5.07	7.2
SR13	9/14/2017 1:55	29.16	69.1	5.01	6.6	SR13	9/14/2017 7:55	29.13	67.1	4.87	6.9	SR13	9/14/2017 13:55	29.80	68.4	4.95	7.2	SR13	9/14/2017 19:55	29.16	70.5	5.10	7.3
SR13	9/14/2017 2:00	29.09	69.5	5.04	7.0	SR13	9/14/2017 8:00	29.15	67.7	4.91	6.7	SR13	9/14/2017 14:00	29.97	67.6	4.90	5.8	SR13	9/14/2017 20:00	29.15	69.8	5.05	6.0
SR13	9/14/2017 2:05	29.17	69.2	5.02	5.9	SR13	9/14/2017 8:05	29.01	67.0	4.87	7.2	SR13	9/14/2017 14:05	29.76	69.3	5.01	6.3	SR13	9/14/2017 20:05	29.07	70.2	5.08	6.7
SR13	9/14/2017 2:10	29.17	68.5	4.97	6.8	SR13	9/14/2017 8:10	28.97	67.5	4.90	6.2	SR13	9/14/2017 14:10	29.86	68.9	4.97	6.4	SR13	9/14/2017 20:10	29.02	70.6	5.10	6.4
SR13	9/14/2017 2:15	29.27	68.1	4.94	7.2	SR13	9/14/2017 8:15	28.99	67.4	4.89	7.4	SR13	9/14/2017 14:15	29.75	68.9	4.98	6.2	SR13	9/14/2017 20:15	29.10	70.5	5.10	5.9
SR13	9/14/2017 2:20	29.17	68.2	4.95	6.8	SR13	9/14/2017 8:20	29.11	68.4	4.97	6.6	SR13	9/14/2017 14:20	29.76	69.5	5.02	6.6	SR13	9/14/2017 20:20	29.14	70.3	5.09	5.9
SR13	9/14/2017 2:25	29.23	68.7	4.98	6.3	SR13	9/14/2017 8:25	28.90	68.3	4.96	6.9	SR13	9/14/2017 14:25	29.84	69.1	5.00	6.9	SR13	9/14/2017 20:25	29.06	69.6	5.03	7.3
SR13	9/14/2017 2:30	29.23	67.6	4.91	6.8	SR13	9/14/2017 8:30	28.89	69.5	5.05	6.7	SR13	9/14/2017 14:30	29.72	69.7	5.04	7.0	SR13	9/14/2017 20:30	29.11	70.4	5.09	7.1
SR13	9/14/2017 2:35	29.18	68.2	4.95	7.0	SR13	9/14/2017 8:35	29.00	68.6	4.98	7.2	SR13	9/14/2017 14:35	29.75	69.5	5.02	6.1	SR13	9/14/2017 20:35	28.94	70.9	5.13	7.7
SR13	9/14/2017 2:40	29.17	67.8	4.92	6.2	SR13	9/14/2017 8:40	28.94	67.0	4.86	6.6	SR13	9/14/2017 14:40	29.72	68.6	4.96	5.3	SR13	9/14/2017 20:40	29.15	69.9	5.06	5.9
SR13	9/14/2017 2:45	29.10	68.2	4.95	6.7	SR13	9/14/2017 8:45	29.08	67.5	4.90	6.9	SR13	9/14/2017 14:45	29.69	68.5	4.95	7.5	SR13	9/14/2017 20:45	29.04	69.5	5.03	6.0
SR13	9/14/2017 2:50	29.27	68.6	4.98	6.8	SR13	9/14/2017 8:50	29.11	67.0	4.86	6.3	SR13	9/14/2017 14:50	29.72	69.0	4.98	7.8	SR13	9/14/2017 20:50	29.19	69.0	4.99	7.3
SR13	9/14/2017 2:55	29.19	68.3	4.95	6.7	SR13	9/14/2017 8:55	29.18	67.3	4.88	6.3	SR13	9/14/2017 14:55	29.77	69.8	5.04	6.6	SR13	9/14/2017 20:55	29.10	68.9	4.98	7.8
SR13	9/14/2017 3:00	29.21	69.6	5.05	5.8	SR13	9/14/2017 9:00	29.19	67.5	4.89	6.7	SR13	9/14/2017 15:00	29.71	69.3	5.01	5.1	SR13	9/14/2017 21:00	29.12	69.0	4.99	6.4
SR13	9/14/2017 3:05	29.21	69.0	5.01	6.1	SR13	9/14/2017 9:05	29.13	67.6	4.90	6.6	SR13	9/14/2017 15:05	29.75	69.1	5.00	6.2	SR13	9/14/2017 21:05	29.00	69.8	5.05	5.8
SR13	9/14/2017 3:10	29.08	69.2	5.02	6.7	SR13	9/14/2017 9:10	29.25	68.1	4.94	7.7	SR13	9/14/2017 15:10	29.81	69.0	5.00	7.1	SR13	9/14/2017 21:10	29.12	70.2	5.08	5.9
SR13	9/14/2017 3:15	29.25	68.5	4.98	7.1	SR13	9/14/2017 9:15	29.32	68.0	4.93	6.7	SR13	9/14/2017 15:15	29.73	69.7	5.03	6.9	SR13	9/14/2017 21:15	28.95	69.1	5.00	7.4
SR13	9/14/2017 3:20	29.14	68.8	4.99	5.8	SR13	9/14/2017 9:20	29.17	67.8	4.91	7.7	SR13	9/14/2017 15:20	29.78	69.9	5.04	7.9	SR13	9/14/2017 21:20	29.09	70.2	5.08	6.6
SR13	9/14/2017 3:25	29.25	68.6	4.98	6.5	SR13	9/14/2017 9:25	29.22	68.1	4.93	7.6	SR13	9/14/2017 15:25	29.80	70.1	5.05	6.1	SR13	9/14/2017 21:25	29.05	68.9	4.98	6.9
SR13	9/14/2017 3:30	29.21	68.4	4.97	7.0	SR13	9/14/2017 9:30	29.31	68.8	4.99	5.7	SR13	9/14/2017 15:30	29.75	69.9	5.03	6.4	SR13	9/14/2017 21:30	29.03	70.2	5.08	6.7
SR13	9/14/2017 3:35	29.04	68.4	4.97	7.5	SR13	9/14/2017 9:35	29.25	67.4	4.89	6.3	SR13	9/14/2017 15:35	29.80	69.4	5.00	7.3	SR13	9/14/2017 21:35	29.10	69.0	4.99	7.6
SR13	9/14/2017 3:40	29.10	67.2	4.88	7.3	SR13	9/14/2017 9:40	29.21	68.6	4.97	5.4	SR13	9/14/2017 15:40	29.61	69.7	5.03	6.2	SR13	9/14/2017 21:40	29.06	69.8	5.05	6.4
SR13	9/14/2017 3:45	29.09	66.2	4.80	6.7	SR13	9/14/2017 9:45	29.28	67.3	4.87	7.7	SR13	9/14/2017 15:45	29.64	69.5	5.02	6.8	SR13	9/14/2017 21:45	28.96	69.5	5.03	6.9
SR13	9/14/2017 3:50	29.05	65.2	4.72	7.2	SR13	9/14/2017 9:50	29.23	67.3	4.88	7.7	SR13	9/14/2017 15:50	29.74	69.4	5.01	5.5	SR13	9/14/2017 21:50	28.95	69.6	5.04	7.3
SR13	9/14/2017 3:55	29.01	64.5	4.68	7.1	SR13	9/14/2017 9:55	29.23	68.0	4.92	6.6	SR13	9/14/2017 15:55	29.78	69.4	5.01	6.5	SR13	9/14/2017 21:55	28.96	69.6	5.03	5.5
SR13	9/14/2017 4:00	29.09	65.5	4.74	7.1	SR13	9/14/2017 10:00	29.28	68.6	4.97	7.1	SR13	9/14/2017 16:00	29.62	68.5	4.95	7.7	SR13	9/14/2017 22:00	28.99	68.7	4.97	7.5
SR13	9/14/2017 4:05	29.02	66.3	4.81	6.5	SR13	9/14/2017 10:05	29.28	68.4	4.95	6.5	SR13	9/14/2017 16:05	29.79	68.2	4.94	5.9	SR13	9/14/2017 22:05	28.99	67.7	4.90	7.4
SR13	9/14/2017 4:10	29.05	67.1	4.86	6.7	SR13	9/14/2017 10:10	29.33	68.4	4.95	7.3	SR13	9/14/2017 16:10	29.65	68.5	4.96	6.7	SR13	9/14/2017 22:10	28.95	68.1	4.93	6.0
SR13	9/14/2017 4:15	29.13	66.4	4.82	7.0	SR13	9/14/2017 10:15	29.45	67.8	4.91	6.0	SR13	9/14/2017 16:15	29.70	70.0	5.06	5.8	SR13	9/14/2017 22:15	29.01	67.7	4.90	5.8
SR13	9/14/2017 4:20	29.08	66.9	4.85	6.2	SR13	9/14/2017 10:20	29.32	67.9	4.92	6.5	SR13	9/14/2017 16:20	29.66	70.3	5.08	7.1	SR13	9/14/2017 22:20	29.01	69.1	5.00	6.9
SR13	9/14/2017 4:25	28.99	66.8	4.85	6.3	SR13	9/14/2017 10:25	29.41	68.1	4.93	6.2	SR13	9/14/2017 16:25	29.74	70.0	5.05	5.3	SR13	9/14/2017 22:25	29.12	68.3	4.95	5.6
SR13	9/14/2017 4:30	28.97	66.5	4.83	6.7	SR13	9/14/2017 10:30	29.43	66.9	4.84	6.6	SR13	9/14/2017 16:30	29.65	70.6	5.09	5.5	SR13	9/14/2017 22:30	29.12	68.3	4.94	5.9
SR13	9/14/2017 4:35	28.98	68.1	4.95	6.7	SR13	9/14/2017 10:35	29.40	67.6	4.89	7.0	SR13	9/14/2017 16:35	29.59	69.8	5.04	5.8	SR13	9/14/2017 22:35	29.05	69.4	5.02	6.8
SR13	9/14/2017 4:40	29.06	67.3	4.89	6.4	SR13	9/14/2017 10:40	29.46	66.8	4.83	7.3	SR13	9/14/2017 16:40	29.65	70.3	5.08	7.9	SR13	9/14/2017 22:40	29.00	69.0	4.99	5.2
SR13	9/14/2017 4:45	29.06	67.1	4.88	6.6	SR13	9/14/2017 10:45	29.50	67.4	4.88	7.0	SR13	9/14/2017 16:45	29.72	69.5	5.02	7.5	SR13	9/14/2017 22:45	28.97	69.3	5.02	4.8
SR13	9/14/2017 4:50	29.04	67.1	4.87	6.9	SR13	9/14/2017 10:50	29.45	67.3	4.87	6.7	SR13	9/14/2017 16:50	29.55	69.7	5.03	5.4	SR13	9/14/2017 22:50	29.00	68.5	4.96	5.1
SR13	9/14/2017 4:55	28.99	67.3	4.88	6.5	SR13	9/14/2017 10:55	29.44	67.4	4.88	6.4	SR13	9/14/2017 16:55	29.72	68.7	4.96	6.3	SR13	9/14/2017 22:55	28.95	68.1	4.93	6.8
SR13	9/14/2017 5:00	29.05	67.4	4.89	6.2	SR13	9/14/2017 11:00	29.46	67.1	4.86	6.4	SR13	9/14/2017 17:00	29.59	69.3	5.01	7.8	SR13	9/14/2017 23:00	28.96	67.6	4.89	5.6
SR13	9/14/2017 5:05	28.91	67.6	4.91	7.3	SR13	9/14/2017 11:05	29.53	66.5	4.82	7.4	SR13	9/14/2017 17:05	29.62	69.4	5.01	7.1	SR13	9/14/2017 23:05	29.01	67.5	4.89	8.0
SR13	9/14/2017 5:10	29.04	66.6	4.83	5.9	SR13	9/14/2017 11:10	29.60	67.8	4.91	5.6	SR13	9/14/2017 17:10	29.49	68.1	4.93	6.4	SR13	9/14/2017 23:10	29.00	68.2	4.93	5.2
SR13	9/14/2017 5:15	28.96	67.0	4.86	5.8	SR13	9/14/2017 11:15	29.56	66.8	4.84	5.8	SR13	9/14/2017 17:15	29.43	68.9	4.98	7.0	SR13	9/14/2017 23:15	29.07	68.3	4.94	6.3
SR13	9/14/2017 5:20	28.98	67.7	4.91	7.3	SR13	9/14/2017 11:20	29.48	67.8	4.91	7.4	SR13	9/14/2017 17:20	29.49	69.0	4.99	5.6	SR13	9/14/2017 23:20	29.08	67.2	4.86	6.2
SR13	9/14/2017 5:25	28.78	66.6	4.83	6.5	SR13	9/14/2017 11:25	29.58	67.3	4.87	7.5	SR13	9/14/2017 17:25	29.55	69.9	5.05	5.9	SR13	9/14/2017 23:25	29.13	67.8	4.91	6.6
SR13	9/14/2017 5:30	28.83	67.4	4.89	6.0	SR13	9/14/2017 11:30	29.52	67.1	4.86	7.0	SR13	9/14/2017 17:30	29.53	69.6	5.03	5.6	SR13	9/14/2017 23:30	29.07	67.5	4.89	7.5
SR13	9/14/2017 5:35	28.84	66.6	4.83	6.1	SR13	9/14/2017 11:35	29.57	67.6	4.89	6.2	SR13	9/14/2017 17:35	29.43	69.1	5.00	7.5	SR13	9/14/2017 23:35	29.02	68.2	4.94	5.7
SR13	9/14/2017 5:40	28.76	66.8	4.85	7.0	SR13	9/14/2017 11:40	29.50	68.0	4.92	5.8	SR13	9/14/2017 17:40	29.49	69.9	5.05	5.0	SR13	9/14/2017 23:40	29.08	68.3	4.95	6.6
SR13	9/14/2017 5:45	28.68	66.3	4.81	6.1	SR13	9/14/2017 11:45	29.49	67.8	4.90	7.3	SR13	9/14/2017 17:45	29.35	69.4	5.01	6.8	SR13	9/14/2017 23:45	29.01	67.5	4.88	6.7
SR13	9/14/2017 5:50	28.73	67.4	4.89	7.3	SR13	9/14/2017 11:50	29.56	67.4	4.88	8.0	SR13	9/14/2017 17:50	29.49	70.0	5.06	7.7	SR13	9/14/2017 23:50	29.01	67.7	4.90	5.2
SR13	9/14/2017 5:55	28.66	67.3	4.88	6.6	SR13	9/14/2017 11:55	29.57	67.9	4.91	7.2	SR13	9/14/2017 17:55	29.55	69.9	5.05	8.0	SR13	9/14/2017 23:55	29.10	68.0	4.93	7.5

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	9/14/2017 0:17	0.06				SR12	9/14/2017 0:17	0.03			
SR4	9/14/2017 0:37	0.06				SR12	9/14/2017 0:37	0.04			
SR4	9/14/2017 0:57	0.04				SR12	9/14/2017 0:57	0.04			
SR4	9/14/2017 1:17	0.05				SR12	9/14/2017 1:17	0.04			
SR4	9/14/2017 1:37	0.03				SR12	9/14/2017 1:37	0.05			
SR4	9/14/2017 1:57	0.03				SR12	9/14/2017 1:57	0.05			
SR4	9/14/2017 2:17	0.02				SR12	9/14/2017 2:17	0.05			
SR4	9/14/2017 2:37	0.05				SR12	9/14/2017 2:37	0.05			
SR4	9/14/2017 2:57	0.06				SR12	9/14/2017 2:57	0.03			
SR4	9/14/2017 3:17	0.07				SR12	9/14/2017 3:17	0.03			
SR4	9/14/2017 3:37	0.05				SR12	9/14/2017 3:37	0.03			
SR4	9/14/2017 3:57	0.04				SR12	9/14/2017 3:57	0.02			
SR4	9/14/2017 4:17	0.05				SR12	9/14/2017 4:17	0.03			
SR4	9/14/2017 4:37	0.04				SR12	9/14/2017 4:37	0.03			
SR4	9/14/2017 4:57	0.05				SR12	9/14/2017 4:57	0.02			
SR4	9/14/2017 5:17	0.04				SR12	9/14/2017 5:17	0.03			
SR4	9/14/2017 5:37	0.05				SR12	9/14/2017 5:37	0.02			
SR4	9/14/2017 5:57	0.05				SR12	9/14/2017 5:57	0.02			
SR4						SR12					
SR4	9/14/2017 6:37	0.06				SR12	9/14/2017 6:37	0.03			
SR4	9/14/2017 6:57	0.07				SR12	9/14/2017 6:57	0.02			
SR4	9/14/2017 7:17	0.06				SR12	9/14/2017 7:17	0.02			
SR4	9/14/2017 7:37	0.07				SR12	9/14/2017 7:37	0.03			
SR4	9/14/2017 7:57	0.05				SR12	9/14/2017 7:57	0.03			
SR4	9/14/2017 8:17	0.05				SR12	9/14/2017 8:17	0.04			
SR4	9/14/2017 8:37	0.05				SR12	9/14/2017 8:37	0.03			
SR4	9/14/2017 8:57	0.04				SR12	9/14/2017 8:57	0.03			
SR4	9/14/2017 9:17	0.05				SR12	9/14/2017 9:17	0.04			
SR4	9/14/2017 9:37	0.05				SR12	9/14/2017 9:37	0.04			
SR4	9/14/2017 9:57	0.04				SR12	9/14/2017 9:57	0.03			
SR4	9/14/2017 10:17	0.06				SR12	9/14/2017 10:17	0.03			
SR4	9/14/2017 10:37	0.05				SR12	9/14/2017 10:37	0.03			
SR4	9/14/2017 10:57	0.05				SR12	9/14/2017 10:57	0.02			
SR4	9/14/2017 11:17	0.04				SR12	9/14/2017 11:17	0.04			
SR4	9/14/2017 11:37	0.06				SR12	9/14/2017 11:37	0.03			
SR4	9/14/2017 11:57	0.06				SR12	9/14/2017 11:57	0.04			
SR4	9/14/2017 12:17	0.05				SR12	9/14/2017 12:17	0.04			
SR4	9/14/2017 12:37	0.05				SR12	9/14/2017 12:37	0.03			
SR4	9/14/2017 12:57	0.03				SR12	9/14/2017 12:57	0.03			
SR4	9/14/2017 13:17	0.02				SR12	9/14/2017 13:17	0.02			
SR4	9/14/2017 13:37	0.04				SR12	9/14/2017 13:37	0.03			
SR4	9/14/2017 13:57	0.05				SR12	9/14/2017 13:57	0.03			
SR4	9/14/2017 14:17	0.06				SR12	9/14/2017 14:17	0.04			
SR4	9/14/2017 14:37	0.07				SR12	9/14/2017 14:37	0.03			
SR4	9/14/2017 14:57	0.06				SR12	9/14/2017 14:57	0.04			
SR4	9/14/2017 15:17	0.04				SR12	9/14/2017 15:17	0.03			
SR4	9/14/2017 15:37	0.06				SR12	9/14/2017 15:37	0.04			
SR4	9/14/2017 15:57	0.07				SR12	9/14/2017 15:57	0.05			
SR4	9/14/2017 16:17	0.06				SR12	9/14/2017 16:17	0.03			
SR4	9/14/2017 16:37	0.05				SR12	9/14/2017 16:37	0.03			
SR4	9/14/2017 16:57	0.07				SR12	9/14/2017 16:57	0.03			
SR4	9/14/2017 17:17	0.05				SR12	9/14/2017 17:17	0.03			
SR4	9/14/2017 17:37	0.05				SR12	9/14/2017 17:37	0.02			
SR4	9/14/2017 17:57	0.07				SR12	9/14/2017 17:57	0.02			
SR4	9/14/2017 18:17	0.05				SR12	9/14/2017 18:17	0.02			
SR4	9/14/2017 18:37	0.04				SR12	9/14/2017 18:37	0.03			
SR4	9/14/2017 18:57	0.04				SR12	9/14/2017 18:57	0.04			
SR4	9/14/2017 19:17	0.06				SR12	9/14/2017 19:17	0.05			
SR4	9/14/2017 19:37	0.04				SR12	9/14/2017 19:37	0.05			
SR4	9/14/2017 19:57	0.05				SR12	9/14/2017 19:57	0.03			
SR4	9/14/2017 20:17	0.05				SR12	9/14/2017 20:17	0.04			
SR4	9/14/2017 20:37	0.05				SR12	9/14/2017 20:37	0.04			
SR4	9/14/2017 20:57	0.04				SR12	9/14/2017 20:57	0.04			
SR4	9/14/2017 21:17	0.03				SR12	9/14/2017 21:17	0.04			
SR4	9/14/2017 21:37	0.05				SR12	9/14/2017 21:37	0.03			
SR4	9/14/2017 21:57	0.06				SR12	9/14/2017 21:57	0.02			
SR4	9/14/2017 22:17	0.05				SR12	9/14/2017 22:17	0.03			
SR4	9/14/2017 22:37	0.03				SR12	9/14/2017 22:37	0.02			
SR4	9/14/2017 22:57	0.03				SR12	9/14/2017 22:57	0.02			
SR4	9/14/2017 23:17	0.06				SR12	9/14/2017 23:17	0.02			
SR4	9/14/2017 23:37	0.05				SR12	9/14/2017 23:37	0.03			
SR4	9/14/2017 23:57	0.04				SR12	9/14/2017 23:57	0.04			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.
SR5 monitoring station was under maintenance during 9:40-10:00.

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR4	9/15/2017 0:01	29.35	66.2	5.04	5.6	SR4	9/15/2017 6:01	29.43	80.0	6.12	5.5	SR4	9/15/2017 12:01	29.98	80.3	6.07	5.6	SR4	9/15/2017 18:01	30.03	88.2	6.68	6.8
SR4	9/15/2017 0:06	29.21	66.0	5.03	5.4	SR4	9/15/2017 6:06	29.33	80.4	6.15	5.6	SR4	9/15/2017 12:06	29.78	79.8	6.02	6.3	SR4	9/15/2017 18:06	30.09	88.4	6.71	5.5
SR4	9/15/2017 0:11	29.11	65.4	4.98	5.0	SR4	9/15/2017 6:11	29.42	80.7	6.17	5.6	SR4	9/15/2017 12:11	29.81	81.2	6.10	5.6	SR4	9/15/2017 18:11	29.93	88.6	6.71	6.5
SR4	9/15/2017 0:16	29.13	66.4	5.06	5.8	SR4	9/15/2017 6:16	29.30	80.8	6.18	5.8	SR4	9/15/2017 12:16	29.99	80.5	6.05	6.6	SR4	9/15/2017 18:16	30.08	89.0	6.75	6.0
SR4	9/15/2017 0:21	29.18	65.6	5.00	5.6	SR4	9/15/2017 6:21	29.41	80.2	6.13	5.8	SR4	9/15/2017 12:21	29.85	80.2	6.03	6.4	SR4	9/15/2017 18:21	30.08	88.5	6.71	6.6
SR4	9/15/2017 0:26	29.10	67.6	5.15	5.3	SR4	9/15/2017 6:26	29.35	80.6	6.17	6.0	SR4	9/15/2017 12:26	29.91	81.3	6.11	6.9	SR4	9/15/2017 18:26	29.89	88.3	6.70	6.2
SR4	9/15/2017 0:31	29.14	67.1	5.12	6.0	SR4	9/15/2017 6:31	29.37	79.9	6.11	5.6	SR4	9/15/2017 12:31	29.97	80.4	6.04	6.9	SR4	9/15/2017 18:31	29.71	87.8	6.66	6.5
SR4	9/15/2017 0:36	29.27	67.0	5.11	5.9	SR4	9/15/2017 6:36	29.36	80.3	6.14	5.9	SR4	9/15/2017 12:36	29.86	79.8	5.99	5.9	SR4	9/15/2017 18:36	29.81	86.9	6.59	7.0
SR4	9/15/2017 0:41	29.24	67.0	5.11	5.0	SR4	9/15/2017 6:41	29.20	80.5	6.16	6.2	SR4	9/15/2017 12:41	29.97	80.0	6.01	6.8	SR4	9/15/2017 18:41	29.93	87.5	6.64	6.7
SR4	9/15/2017 0:46	29.26	67.9	5.18	5.3	SR4	9/15/2017 6:46	29.25	80.3	6.14	5.6	SR4	9/15/2017 12:46	30.03	79.8	6.00	6.4	SR4	9/15/2017 18:46	29.90	87.6	6.65	7.0
SR4	9/15/2017 0:51	29.31	67.9	5.18	5.0	SR4	9/15/2017 6:51	29.25	80.2	6.13	5.5	SR4	9/15/2017 12:51	29.86	79.9	6.00	5.6	SR4	9/15/2017 18:51	29.93	88.2	6.69	6.4
SR4	9/15/2017 0:56	29.30	67.6	5.15	5.9	SR4	9/15/2017 6:56	29.26	80.2	6.13	5.9	SR4	9/15/2017 12:56	29.99	80.4	6.03	6.8	SR4	9/15/2017 18:56	29.77	88.2	6.70	6.2
SR4	9/15/2017 1:01	29.18	67.9	5.17	5.3	SR4	9/15/2017 7:01	29.23	79.5	6.08	5.9	SR4	9/15/2017 13:01	29.81	79.5	5.97	5.5	SR4	9/15/2017 19:01	29.77	86.8	6.59	5.8
SR4	9/15/2017 1:06	29.35	68.7	5.24	5.8	SR4	9/15/2017 7:06	29.13	79.6	6.09	5.8	SR4	9/15/2017 13:06	30.03	79.4	5.96	6.7	SR4	9/15/2017 19:06	29.86	86.7	6.58	5.9
SR4	9/15/2017 1:11	29.20	69.3	5.28	5.2	SR4	9/15/2017 7:11	29.20	79.1	6.04	6.1	SR4	9/15/2017 13:11	30.09	79.0	5.93	5.9	SR4	9/15/2017 19:11	29.79	87.0	6.61	6.3
SR4	9/15/2017 1:16	29.29	69.5	5.30	5.4	SR4	9/15/2017 7:16	29.32	78.2	5.98	5.7	SR4	9/15/2017 13:16	30.04	78.6	5.90	6.7	SR4	9/15/2017 19:16	29.90	86.5	6.57	6.3
SR4	9/15/2017 1:21	29.27	69.7	5.31	5.5	SR4	9/15/2017 7:21	29.20	79.3	6.06	5.9	SR4	9/15/2017 13:21	29.82	78.6	5.91	6.9	SR4	9/15/2017 19:21	29.71	87.6	6.66	6.0
SR4	9/15/2017 1:26	29.21	70.0	5.34	5.7	SR4	9/15/2017 7:26	29.20	80.4	6.15	5.7	SR4	9/15/2017 13:26	29.93	78.8	5.93	6.8	SR4	9/15/2017 19:26	29.74	87.3	6.64	6.5
SR4	9/15/2017 1:31	29.30	70.5	5.38	5.1	SR4	9/15/2017 7:31	29.32	81.7	6.25	5.8	SR4	9/15/2017 13:31	29.87	82.6	6.18	6.1	SR4	9/15/2017 19:31	29.60	86.4	6.58	6.9
SR4	9/15/2017 1:36	29.18	70.4	5.36	5.9	SR4	9/15/2017 7:36	29.22	81.9	6.26	6.1	SR4	9/15/2017 13:36	29.88	82.0	6.13	6.4	SR4	9/15/2017 19:36	29.56	87.1	6.63	6.5
SR4	9/15/2017 1:41	29.13	70.4	5.36	6.0	SR4	9/15/2017 7:41	29.33	81.4	6.22	5.7	SR4	9/15/2017 13:41	30.02	81.2	6.08	5.8	SR4	9/15/2017 19:41	29.61	88.2	6.72	5.8
SR4	9/15/2017 1:46	29.18	70.6	5.38	5.9	SR4	9/15/2017 7:46	29.21	82.2	6.29	6.1	SR4	9/15/2017 13:46	29.96	80.9	6.06	6.0	SR4	9/15/2017 19:46	29.57	87.2	6.64	5.5
SR4	9/15/2017 1:51	29.04	70.9	5.40	5.6	SR4	9/15/2017 7:51	29.32	81.3	6.22	6.2	SR4	9/15/2017 13:51	30.09	81.8	6.12	6.4	SR4	9/15/2017 19:51	29.49	88.0	6.71	6.8
SR4	9/15/2017 1:56	29.27	72.2	5.51	5.4	SR4	9/15/2017 7:56	29.32	81.0	6.19	6.5	SR4	9/15/2017 13:56	29.95	82.1	6.14	7.0	SR4	9/15/2017 19:56	29.66	87.7	6.69	6.3
SR4	9/15/2017 2:01	29.18	73.4	5.60	5.5	SR4	9/15/2017 8:01	29.19	81.7	6.25	5.9	SR4	9/15/2017 14:01	29.89	78.6	5.90	6.3	SR4	9/15/2017 20:01	29.59	86.7	6.61	6.1
SR4	9/15/2017 2:06	29.24	74.8	5.70	6.0	SR4	9/15/2017 8:06	29.23	81.8	6.26	6.2	SR4	9/15/2017 14:06	29.97	78.4	5.89	6.1	SR4	9/15/2017 20:06	29.63	81.8	6.24	6.3
SR4	9/15/2017 2:11	29.22	76.2	5.81	5.5	SR4	9/15/2017 8:11	29.23	80.8	6.17	6.0	SR4	9/15/2017 14:11	30.03	80.6	6.04	7.0	SR4	9/15/2017 20:11	29.58	84.7	6.46	6.0
SR4	9/15/2017 2:16	29.21	74.4	5.68	5.8	SR4	9/15/2017 8:16	29.22	80.1	6.11	5.5	SR4	9/15/2017 14:16	29.99	80.1	6.01	6.3	SR4	9/15/2017 20:16	29.61	82.7	6.30	6.5
SR4	9/15/2017 2:21	29.10	74.4	5.68	5.2	SR4	9/15/2017 8:21	29.20	79.3	6.04	5.9	SR4	9/15/2017 14:21	30.17	81.0	6.07	6.4	SR4	9/15/2017 20:21	29.60	82.8	6.31	6.1
SR4	9/15/2017 2:26	29.04	74.0	5.65	6.0	SR4	9/15/2017 8:26	29.40	80.0	6.09	5.5	SR4	9/15/2017 14:26	30.13	80.6	6.04	6.3	SR4	9/15/2017 20:26	29.56	82.9	6.32	7.0
SR4	9/15/2017 2:31	29.16	76.5	5.84	5.6	SR4	9/15/2017 8:31	29.25	81.1	6.17	5.8	SR4	9/15/2017 14:31	30.11	81.1	6.08	6.6	SR4	9/15/2017 20:31	29.62	80.8	6.16	6.1
SR4	9/15/2017 2:36	29.22	78.9	6.03	6.0	SR4	9/15/2017 8:36	29.16	80.5	6.13	5.5	SR4	9/15/2017 14:36	30.08	82.2	6.17	6.9	SR4	9/15/2017 20:36	29.54	78.7	6.00	5.9
SR4	9/15/2017 2:41	29.27	79.7	6.09	5.2	SR4	9/15/2017 8:41	29.27	81.7	6.23	6.1	SR4	9/15/2017 14:41	30.07	82.1	6.16	6.3	SR4	9/15/2017 20:41	29.54	76.6	5.84	6.0
SR4	9/15/2017 2:46	29.30	82.8	6.33	5.9	SR4	9/15/2017 8:46	29.31	82.1	6.26	6.3	SR4	9/15/2017 14:46	30.04	80.6	6.06	6.1	SR4	9/15/2017 20:46	29.48	77.3	5.89	6.1
SR4	9/15/2017 2:51	29.19	82.5	6.31	5.4	SR4	9/15/2017 8:51	29.27	82.5	6.30	6.5	SR4	9/15/2017 14:51	29.95	81.1	6.09	5.6	SR4	9/15/2017 20:51	29.69	77.1	5.88	5.6
SR4	9/15/2017 2:56	29.22	81.6	6.24	5.0	SR4	9/15/2017 8:56	29.21	81.6	6.23	6.5	SR4	9/15/2017 14:56	30.08	81.1	6.10	6.7	SR4	9/15/2017 20:56	29.63	77.1	5.88	5.6
SR4	9/15/2017 3:01	29.26	79.7	6.09	5.3	SR4	9/15/2017 9:01	29.31	80.3	6.12	5.5	SR4	9/15/2017 15:01	30.09	81.2	6.11	6.4	SR4	9/15/2017 21:01	29.70	77.2	5.89	5.6
SR4	9/15/2017 3:06	29.07	79.6	6.09	5.3	SR4	9/15/2017 9:06	29.30	79.3	6.04	6.3	SR4	9/15/2017 15:06	30.01	82.5	6.21	6.1	SR4	9/15/2017 21:06	29.65	79.1	6.03	5.7
SR4	9/15/2017 3:11	29.18	78.5	6.00	6.0	SR4	9/15/2017 9:11	29.29	78.5	5.97	6.3	SR4	9/15/2017 15:11	30.11	80.8	6.09	6.7	SR4	9/15/2017 21:11	29.77	77.6	5.92	6.6
SR4	9/15/2017 3:16	29.12	78.8	6.03	5.7	SR4	9/15/2017 9:16	29.30	78.0	5.93	6.2	SR4	9/15/2017 15:16	30.24	81.3	6.12	6.7	SR4	9/15/2017 21:16	29.65	77.6	5.91	5.7
SR4	9/15/2017 3:21	29.38	78.1	5.97	5.3	SR4	9/15/2017 9:21	29.28	77.8	5.92	5.6	SR4	9/15/2017 15:21	30.16	82.6	6.21	6.4	SR4	9/15/2017 21:21	29.48	78.6	5.99	6.7
SR4	9/15/2017 3:26	29.32	77.8	5.96	5.3	SR4	9/15/2017 9:26	29.27	77.6	5.90	5.6	SR4	9/15/2017 15:26	30.39	83.9	6.32	5.6	SR4	9/15/2017 21:26	29.70	79.6	6.07	6.3
SR4	9/15/2017 3:31	29.33	77.7	5.94	5.7	SR4	9/15/2017 9:31	29.28	77.5	5.89	5.9	SR4	9/15/2017 15:31	30.31	82.9	6.25	5.8	SR4	9/15/2017 21:31	29.72	79.0	6.01	6.8
SR4	9/15/2017 3:36	29.17	77.8	5.96	5.5	SR4	9/15/2017 9:36	29.36	77.6	5.89	6.3	SR4	9/15/2017 15:36	30.27	81.2	6.12	6.1	SR4	9/15/2017 21:36	29.59	80.5	6.13	6.0
SR4	9/15/2017 3:41	29.34	77.7	5.94	5.8	SR4	9/15/2017 9:41	29.44	78.0	5.92	5.9	SR4	9/15/2017 15:41	30.34	82.4	6.21	6.7	SR4	9/15/2017 21:41	29.68	79.2	6.03	7.0
SR4	9/15/2017 3:46	29.20	77.5	5.93	5.7	SR4	9/15/2017 9:46	29.39	77.8	5.91	5.8	SR4	9/15/2017 15:46	30.15	82.2	6.20	6.7	SR4	9/15/2017 21:46	29.56	80.2	6.11	6.6
SR4	9/15/2017 3:51	29.27	78.8	6.03	5.8	SR4	9/15/2017 9:51	29.34	77.5	5.88	5.8	SR4	9/15/2017 15:51	30.20	79.9	6.03	6.5	SR4	9/15/2017 21:51	29.69	81.2	6.19	5.9
SR4	9/15/2017 3:56	29.29	79.6	6.09	5.7	SR4	9/15/2017 9:56	29.47	76.5	5.81	5.8	SR4	9/15/2017 15:56	30.16	81.7	6.17	6.7	SR4	9/15/2017 21:56	29.58	81.1	6.19	7.0
SR4	9/15/2017 4:01	29.23	79.6	6.08	5.2	SR4	9/15/2017 10:01	29.51	75.9	5.76	5.8	SR4	9/15/2017 16:01	30.31	80.9	6.11	5.9	SR4	9/15/2017 22:01	29.67	75.6	5.76	6.7
SR4	9/15/2017 4:06	29.21	80.2	6.13	5.2	SR4	9/15/2017 10:06	29.59	74.1	5.62	6.5	SR4	9/15/2017 16:06	30.24	82.5	6.22	6.6	SR4	9/15/2017 22:06	29.51	74.5	5.68	6.8
SR4	9/15/2017 4:11	29.26	80.4	6.15	5.3	SR4	9/15/2017 10:11	29.50	76.3	5.79	6.1	SR4	9/15/2017 16:11	30.15	82.6	6.24	6.2	SR4	9/15/2017 22:11	29.50	73.1	5.57	6.1
SR4	9/15/2017 4:16	29.28	79.4	6.07	5.2	SR4	9/15/2017 10:16	29.46	74.5	5.65	5.8	SR4	9/15/2017 16:16	30.08	83.0	6.26	6.4	SR4	9/15/2017 22:16	29.52	72.9	5.56	6.6
SR4	9/15/2017 4:21	29.29	79.6	6.09	5.3	SR4	9/15/2017 10:21	29.50	72.7	5.52	6.3	SR4	9/15/2017 16:21	30.11	81.9	6.19	5.7	SR4	9/15/2017 22:21	29.51	73.0	5.56	6.1
SR4	9/15/2017 4:26	29.29	79.6	6.09	5.4	SR4	9/15/2017 10:26	29.45	69.0	5.23	6.0	SR4	9/15/2017 16:26	30.20	82.0	6.20	7.0	SR4	9/15/2017 22:26	29.41	74.2	5.65	6.1
SR4	9/15/2017 4:31	29.29	80.6	6.16	5.2	SR4	9/15/2017 10:31	29.54	68.1	5.17	6.5	SR4	9/15/2017 16:31	30.01	82.8	6.26	6.4	SR4	9/15/2017 22:31	29.63	75.9	5.78	6.1
SR4	9/15/2017 4:36	29.27	79.4	6.07	5.5	SR4	9/15/2017 10:36	29.54	68.2	5.17	6.3	SR4	9/15/2017 16:36	30.12	83.0	6.28	5.6	SR4	9/15/2017 22:36	29.54	78.4	5.97	5.8
SR4	9/15/2017 4:41	29.33	79.5	6.08	5.2	SR4	9/15/2017 10:41	29.43	70.9	5.37	5.8	SR4	9/15/2017 16:41	30.18	84.5	6.39	6.6	SR4	9/15/2017 22:41	29.45	78.6	6.00	6.0
SR4	9/15/2017 4:46	29.28	79.8	6.10	5.5	SR4	9/15/2017 10:46	29.40	70.8	5.36	6.1	SR4	9/15/2017 16:46	30.18	85.0	6.43	6.3	SR4	9/15/2017 22:46	29.47	78.2	5.96	5.7
SR4	9/15/2017 4:51	29.20	80.3	6.14	5.9	SR4	9/15/2017 10:51	29.51	72.3	5.47	5.9	SR4	9/15/2017 16:51	30.19	83.7	6.34	6.9	SR4	9/15/2017 22:51	29.48	80.0	6.10	6.7
SR4	9/15/2017 4:56	29.14	80.4	6.15	5.2	SR4	9/15/2017 10:56	29.67	70.7	5.35	5.9	SR4	9/15/2017 16:56	30.29	82.9	6.29	6.9	SR4	9/15/2017 22:56	29.76	78.1	5.96	5.9
SR4	9/15/2017 5:01	29.24	80.9	6.18	5.4	SR4	9/15/2017 11:01	29.58	71.2	5.40	5.9	SR4	9/15/2017 17:01	30.09	83.2	6.31	6.0	SR4	9/15/2017 23:01	29.57	77.6	5.92	6.3
SR4	9/15/2017 5:06	29.26	81.2	6.21	5.7	SR4	9/15/2017 11:06	29.70	71.8	5.44	6.2	SR4	9/15/2017 17:06	30.12	83.1	6.31	6.9	SR4	9/15/2017 23:06	29.76	76.8	5.85	6.1
SR4	9/15/2017 5:11	29.19	81.3	6.22	5.6	SR4	9/15/2017 11:11	29.75	99.3	7.83	5.5	SR4	9/15/2017 17:11	30.06	84.4	6.41	6.3	SR4	9/15/2017 23:11	29.60	73.3	5.59	6.1
SR4	9/15/2017 5:16	29.16	82.2	6.28	5.2	SR4	9/15/2017 11:16	29.61	100.8	7.89	5.7	SR4	9/15/2017 17:16	30.20	86.3	6.54	7.0	SR4	9/15/2017 23:16	29.82	71.1	5.42	5.6
SR4	9/15/2017 5:21	29.22	82.2	6.28	5.2	SR4	9/15/2017 11:21	29.78	100.1	7.74	5.8	SR4	9/15/2017 17:21	30.11	86.9	6.59	6.7	SR4	9/15/2017 23:21	29.77	77.8	5.94	6.9
SR4	9/15/2017 5:26	29.17	82.6	6.32	5.1	SR4	9/15/2017 11:26	29.71	101.1	7.69	5.7	SR4	9/15/2017 17:26	30.21	86.3	6.55	6.7	SR4	9/15/2017 23:26	29.92	78.2	5.97	6.0
SR4	9/15/2017 5:31	29.15	82.8	6.34	6.0	SR4	9/15/2017 11:31	29.73	102.0	7.70	5.6	SR4	9/15/2017 17:31	30.11	86.1	6.53	6.2	SR4	9/15/2017 23:31	29.84	79.4	6.06	6.8
SR4	9/15/2017 5:36	29.29	82.6	6.33	5.6	SR4	9/15/2017 11:36	29.75	100.7	7.49	6.5	SR4	9/15/2017 17:36	30.11	87.0	6.59	5.6	SR4	9/15/2017 23:36	29.83	78.7	6.01	6.7
SR4	9/15/2017 5:41	29.16	81.9	6.27	5.4	SR4	9/15/2017 11:41	29.67	79.8	6.01	6.3	SR4	9/15/2017 17:41	30.16	87.1	6.60	5.7	SR4	9/15/2017 23:41	29.73	74.0	5.65	5.7
SR4	9/15/2017 5:46	29.21	81.8	6.26	6.0	SR4	9/15/2017 11:46	29.63	79.7	6.02	6.0	SR4	9/15/2017 17:46	30.21	86.9	6.59	6.7	SR4	9/15/2017 23:46	29.83	73.8	5.63	6.0
SR4	9/15/2017 5:51	29.38	81.5	6.24	5.8	SR4	9/15/2017 11:51	29.64	80.2	6.06	6.3	SR4	9/15/2017 17:51	30.13	87.2	6.61	6.1	SR4	9/15/2017 23:51	29.84	74.2	5.66	6.2
SR4	9/15/2017 5:56	29.39	81.1	6.21	5.2	SR4	9/15/2017 11:56	29.98	80.4	6.07	7.0	SR4	9/15/2017 17:56	30.14	88.3	6.69	6.0	SR4	9/15/2017 23:56	29.72	73.1	5.58	6.0

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR5	9/15/2017 0:00	28.89	81.0	5.88	1.8	SR5	9/15/2017 6:00	28.85	76.5	5.59	2.3	SR5	9/15/2017 12:00	29.81	94.5	6.77	3.2	SR5	9/15/2017 18:00	30.04	86.6	6.25	3.4
SR5	9/15/2017 0:05	28.86	81.7	5.93	1.7	SR5	9/15/2017 6:05	28.86	78.3	5.72	2.4	SR5	9/15/2017 12:05	29.78	93.9	6.72	3.4	SR5	9/15/2017 18:05	29.99	81.9	5.94	1.6
SR5	9/15/2017 0:10	28.78	81.9	5.94	1.6	SR5	9/15/2017 6:10	28.85	78.6	5.75	2.4	SR5	9/15/2017 12:10	29.74	97.9	6.99	4.2	SR5	9/15/2017 18:10	29.86	82.7	5.99	3.1
SR5	9/15/2017 0:15	28.77	82.3	5.97	1.8	SR5	9/15/2017 6:15	28.85	79.1	5.78	2.5	SR5	9/15/2017 12:15	29.83	98.6	7.04	5.1	SR5	9/15/2017 18:15	29.91	87.9	6.29	2.5
SR5	9/15/2017 0:20	28.77	81.9	5.94	1.7	SR5	9/15/2017 6:20	28.85	79.2	5.78	2.4	SR5	9/15/2017 12:20	29.88	95.9	6.85	2.7	SR5	9/15/2017 18:20	29.93	87.5	6.26	2.1
SR5	9/15/2017 0:25	28.76	82.8	6.01	1.7	SR5	9/15/2017 6:25	28.85	79.2	5.79	2.5	SR5	9/15/2017 12:25	29.86	97.5	6.96	4.6	SR5	9/15/2017 18:25	29.80	87.8	6.29	3.4
SR5	9/15/2017 0:30	28.76	82.3	5.98	1.8	SR5	9/15/2017 6:30	28.85	78.3	5.72	2.3	SR5	9/15/2017 12:30	29.83	96.2	6.87	5.1	SR5	9/15/2017 18:30	29.62	87.5	6.26	2.1
SR5	9/15/2017 0:35	28.77	82.5	5.99	1.8	SR5	9/15/2017 6:35	28.83	78.2	5.72	2.4	SR5	9/15/2017 12:35	29.81	94.8	6.77	3.0	SR5	9/15/2017 18:35	29.74	87.6	6.27	2.3
SR5	9/15/2017 0:40	28.80	83.0	6.03	1.6	SR5	9/15/2017 6:40	28.77	78.0	5.71	2.5	SR5	9/15/2017 12:40	29.82	94.1	6.72	3.4	SR5	9/15/2017 18:40	29.78	87.9	6.29	2.2
SR5	9/15/2017 0:45	28.79	83.2	6.04	1.7	SR5	9/15/2017 6:45	28.74	77.6	5.68	2.4	SR5	9/15/2017 12:45	29.80	94.1	6.72	4.9	SR5	9/15/2017 18:45	29.76	88.0	6.29	2.3
SR5	9/15/2017 0:50	28.81	83.2	6.05	1.6	SR5	9/15/2017 6:50	28.74	77.6	5.68	2.2	SR5	9/15/2017 12:50	29.79	94.0	6.71	3.3	SR5	9/15/2017 18:50	29.64	88.3	6.32	2.2
SR5	9/15/2017 0:55	28.80	83.1	6.03	1.8	SR5	9/15/2017 6:55	28.75	78.5	5.74	2.4	SR5	9/15/2017 12:55	29.79	91.9	6.56	4.7	SR5	9/15/2017 18:55	29.65	88.5	6.33	2.2
SR5	9/15/2017 1:00	28.82	82.7	6.00	1.7	SR5	9/15/2017 7:00	28.74	79.0	5.78	2.5	SR5	9/15/2017 13:00	29.83	90.5	6.47	3.3	SR5	9/15/2017 19:00	29.66	87.5	6.26	2.1
SR5	9/15/2017 1:05	28.79	83.1	6.04	1.8	SR5	9/15/2017 7:05	28.74	79.0	5.78	2.7	SR5	9/15/2017 13:05	29.85	89.8	6.42	5.1	SR5	9/15/2017 19:05	29.60	87.4	6.25	2.1
SR5	9/15/2017 1:10	28.77	82.9	6.03	1.6	SR5	9/15/2017 7:10	28.76	79.4	5.80	2.5	SR5	9/15/2017 13:10	29.89	89.8	6.42	2.1	SR5	9/15/2017 19:10	29.52	87.5	6.26	2.2
SR5	9/15/2017 1:15	28.75	83.1	6.04	1.8	SR5	9/15/2017 7:15	28.75	79.2	5.79	2.5	SR5	9/15/2017 13:15	29.89	90.2	6.44	2.2	SR5	9/15/2017 19:15	29.63	83.8	6.00	2.2
SR5	9/15/2017 1:20	28.73	83.3	6.05	1.7	SR5	9/15/2017 7:20	28.77	79.4	5.81	2.5	SR5	9/15/2017 13:20	29.88	91.1	6.51	2.3	SR5	9/15/2017 19:20	29.49	86.8	6.22	2.1
SR5	9/15/2017 1:25	28.73	84.0	6.10	1.8	SR5	9/15/2017 7:25	28.77	79.7	5.83	2.5	SR5	9/15/2017 13:25	29.87	91.5	6.54	2.2	SR5	9/15/2017 19:25	29.41	86.6	6.20	2.2
SR5	9/15/2017 1:30	28.72	84.3	6.13	1.7	SR5	9/15/2017 7:30	28.77	80.8	5.91	2.5	SR5	9/15/2017 13:30	29.86	93.2	6.65	2.1	SR5	9/15/2017 19:30	29.40	86.9	6.22	2.3
SR5	9/15/2017 1:35	28.72	84.2	6.12	1.8	SR5	9/15/2017 7:35	28.76	81.7	5.97	2.6	SR5	9/15/2017 13:35	29.85	90.3	6.45	2.2	SR5	9/15/2017 19:35	29.41	88.5	6.33	2.2
SR5	9/15/2017 1:40	28.74	84.0	6.10	1.8	SR5	9/15/2017 7:40	28.81	80.6	5.89	4.1	SR5	9/15/2017 13:40	29.90	89.6	6.40	2.1	SR5	9/15/2017 19:40	29.44	87.0	6.24	2.1
SR5	9/15/2017 1:45	28.76	84.3	6.12	1.8	SR5	9/15/2017 7:45	28.84	81.6	5.97	4.4	SR5	9/15/2017 13:45	29.93	89.1	6.37	2.1	SR5	9/15/2017 19:45	29.41	88.3	6.33	2.0
SR5	9/15/2017 1:50	28.72	84.9	6.16	1.7	SR5	9/15/2017 7:50	28.88	81.1	5.94	4.6	SR5	9/15/2017 13:50	29.96	88.5	6.33	2.2	SR5	9/15/2017 19:50	29.42	85.5	6.32	2.3
SR5	9/15/2017 1:55	28.71	86.3	6.27	1.7	SR5	9/15/2017 7:55	28.89	81.1	5.93	3.1	SR5	9/15/2017 13:55	29.93	90.9	6.49	2.3	SR5	9/15/2017 19:55	29.40	85.7	6.34	2.2
SR5	9/15/2017 2:00	28.72	87.7	6.36	1.7	SR5	9/15/2017 8:00	28.87	80.9	5.92	4.5	SR5	9/15/2017 14:00	29.94	90.6	6.47	2.1	SR5	9/15/2017 20:00	29.44	84.2	6.22	2.1
SR5	9/15/2017 2:05	28.71	88.6	6.43	1.8	SR5	9/15/2017 8:05	28.85	82.4	6.03	3.3	SR5	9/15/2017 14:05	29.93	92.3	6.59	2.1	SR5	9/15/2017 20:05	29.38	81.5	6.02	2.2
SR5	9/15/2017 2:10	28.74	89.5	6.50	1.7	SR5	9/15/2017 8:10	28.87	82.1	6.00	4.3	SR5	9/15/2017 14:10	29.97	93.2	6.65	2.2	SR5	9/15/2017 20:10	29.48	83.5	6.17	2.1
SR5	9/15/2017 2:15	28.85	88.8	6.44	1.8	SR5	9/15/2017 8:15	28.90	83.2	6.07	4.8	SR5	9/15/2017 14:15	30.01	96.0	6.83	2.1	SR5	9/15/2017 20:15	29.44	82.1	6.06	2.2
SR5	9/15/2017 2:20	28.72	88.9	6.45	1.6	SR5	9/15/2017 8:20	28.90	82.1	5.99	3.4	SR5	9/15/2017 14:20	30.04	97.6	6.95	2.1	SR5	9/15/2017 20:20	29.35	82.2	6.07	2.1
SR5	9/15/2017 2:25	28.72	88.6	6.42	1.8	SR5	9/15/2017 8:25	28.91	82.8	6.03	2.5	SR5	9/15/2017 14:25	30.05	97.7	6.95	2.1	SR5	9/15/2017 20:25	29.44	82.1	6.07	2.3
SR5	9/15/2017 2:30	28.74	88.2	6.49	1.7	SR5	9/15/2017 8:30	28.89	82.6	6.03	2.6	SR5	9/15/2017 14:30	30.07	98.3	6.99	2.2	SR5	9/15/2017 20:30	29.51	81.4	6.01	2.1
SR5	9/15/2017 2:35	28.81	89.4	6.58	1.8	SR5	9/15/2017 8:35	28.86	83.7	6.11	3.3	SR5	9/15/2017 14:35	30.10	99.6	7.09	2.2	SR5	9/15/2017 20:35	29.39	80.0	5.91	2.1
SR5	9/15/2017 2:40	28.88	88.9	6.55	1.7	SR5	9/15/2017 8:40	28.85	82.7	6.04	2.8	SR5	9/15/2017 14:40	30.05	98.8	7.03	2.1	SR5	9/15/2017 20:40	29.43	78.9	5.82	2.1
SR5	9/15/2017 2:45	28.89	91.4	6.74	1.8	SR5	9/15/2017 8:45	28.84	83.6	6.11	2.8	SR5	9/15/2017 14:45	29.94	94.8	6.76	2.1	SR5	9/15/2017 20:45	29.33	79.4	5.86	2.2
SR5	9/15/2017 2:50	28.76	90.6	6.68	1.7	SR5	9/15/2017 8:50	28.80	83.8	6.13	2.9	SR5	9/15/2017 14:50	29.88	96.1	6.85	2.0	SR5	9/15/2017 20:50	29.39	80.1	5.91	2.1
SR5	9/15/2017 2:55	28.72	91.0	6.71	2.0	SR5	9/15/2017 8:55	28.80	83.0	6.07	3.7	SR5	9/15/2017 14:55	29.98	93.9	6.71	2.2	SR5	9/15/2017 20:55	29.50	79.8	5.89	2.1
SR5	9/15/2017 3:00	28.70	89.6	6.60	2.0	SR5	9/15/2017 9:00	28.82	82.2	6.00	3.1	SR5	9/15/2017 15:00	30.02	92.6	6.62	2.1	SR5	9/15/2017 21:00	29.50	79.6	5.87	2.1
SR5	9/15/2017 3:05	28.71	89.0	6.56	2.1	SR5	9/15/2017 9:05	28.84	81.8	5.96	4.5	SR5	9/15/2017 15:05	30.04	95.0	6.79	2.1	SR5	9/15/2017 21:05	29.50	80.6	5.95	2.1
SR5	9/15/2017 3:10	28.76	89.2	6.57	2.1	SR5	9/15/2017 9:10	28.93	80.5	5.87	3.9	SR5	9/15/2017 15:10	30.13	97.2	6.93	2.2	SR5	9/15/2017 21:10	29.45	80.7	5.95	2.2
SR5	9/15/2017 3:15	28.82	89.6	6.60	1.7	SR5	9/15/2017 9:15	28.97	81.0	5.90	4.2	SR5	9/15/2017 15:15	30.19	94.3	6.74	2.2	SR5	9/15/2017 21:15	29.37	79.4	5.86	2.9
SR5	9/15/2017 3:20	28.84	89.3	6.57	2.0	SR5	9/15/2017 9:20	28.95	80.8	5.89	4.2	SR5	9/15/2017 15:20	30.23	93.1	6.65	2.2	SR5	9/15/2017 21:20	29.33	81.0	5.97	2.0
SR5	9/15/2017 3:25	28.84	88.8	6.55	1.6	SR5	9/15/2017 9:25	28.98	80.7	5.88	4.7	SR5	9/15/2017 15:25	30.36	94.3	6.74	2.0	SR5	9/15/2017 21:25	29.37	81.6	6.02	1.9
SR5	9/15/2017 3:30	28.84	88.0	6.48	1.9	SR5	9/15/2017 9:30	29.03	80.0	5.83	4.5	SR5	9/15/2017 15:30	30.30	93.2	6.67	2.1	SR5	9/15/2017 21:30	29.43	81.5	6.00	3.6
SR5	9/15/2017 3:35	28.85	88.6	6.53	2.1	SR5	9/15/2017 9:35	29.03	78.7	5.74	3.7	SR5	9/15/2017 15:35	30.31	91.2	6.53	2.1	SR5	9/15/2017 21:35	29.45	81.6	6.02	1.7
SR5	9/15/2017 3:40	28.84	89.2	6.57	1.8	SR5	9/15/2017 9:40	29.05	78.9	5.75	4.0	SR5	9/15/2017 15:40	30.30	92.2	6.60	2.2	SR5	9/15/2017 21:40	29.46	84.8	6.06	2.0
SR5	9/15/2017 3:45	28.83	88.1	6.49	2.1	SR5	9/15/2017 9:45	29.08	79.4	5.79	4.3	SR5	9/15/2017 15:45	30.13	93.9	6.72	2.2	SR5	9/15/2017 21:45	29.40	85.8	6.13	3.4
SR5	9/15/2017 3:50	28.83	89.3	6.58	2.2	SR5	9/15/2017 9:50	29.08	78.8	5.74	3.2	SR5	9/15/2017 15:50	30.09	92.2	6.59	2.2	SR5	9/15/2017 21:50	29.44	86.8	6.21	1.7
SR5	9/15/2017 3:55	28.79	90.0	6.63	1.9	SR5	9/15/2017 9:55	29.14	78.5	5.72	4.6	SR5	9/15/2017 15:55	30.29	93.5	6.69	2.2	SR5	9/15/2017 21:55	29.38	85.0	6.08	2.9
SR5	9/15/2017 4:00	28.78	89.2	6.57	1.9	SR5	9/15/2017 10:00	29.11	78.5	5.72	4.8	SR5	9/15/2017 16:00	30.31	93.2	6.67	2.1	SR5	9/15/2017 22:00	29.34	84.1	6.00	3.0
SR5	9/15/2017 4:05	28.78	90.1	6.64	2.3	SR5	9/15/2017 10:05	29.13	76.7	5.59	3.3	SR5	9/15/2017 16:05	30.19	93.8	6.71	2.2	SR5	9/15/2017 22:05	29.32	83.4	5.94	2.2
SR5	9/15/2017 4:10	28.76	89.4	6.59	2.3	SR5	9/15/2017 10:10	29.16	77.8	5.66	4.6	SR5	9/15/2017 16:10	30.05	94.3	6.75	2.1	SR5	9/15/2017 22:10	29.31	81.4	5.78	3.2
SR5	9/15/2017 4:15	28.78	89.8	6.62	2.3	SR5	9/15/2017 10:15	29.18	74.2	5.41	3.2	SR5	9/15/2017 16:15	30.15	96.0	6.86	2.2	SR5	9/15/2017 22:15	29.29	81.8	5.81	2.9
SR5	9/15/2017 4:20	28.81	90.3	6.57	2.3	SR5	9/15/2017 10:20	29.19	73.4	5.41	4.3	SR5	9/15/2017 16:20	30.09	94.4	6.75	2.1	SR5	9/15/2017 22:20	29.27	82.3	5.85	2.7
SR5	9/15/2017 4:25	28.80	89.4	6.52	2.4	SR5	9/15/2017 10:25	29.18	71.4	5.25	3.9	SR5	9/15/2017 16:25	30.00	94.2	6.74	2.3	SR5	9/15/2017 22:25	29.26	82.9	5.90	2.8
SR5	9/15/2017 4:30	28.79	89.8	6.55	2.3	SR5	9/15/2017 10:30	29.18	71.7	5.27	2.7	SR5	9/15/2017 16:30	29.97	94.1	6.74	2.2	SR5	9/15/2017 22:30	29.36	83.7	5.96	2.5
SR5	9/15/2017 4:35	28.77	88.7	6.47	2.3	SR5	9/15/2017 10:35	29.17	70.7	5.20	4.7	SR5	9/15/2017 16:35	29.96	94.1	6.74	2.0	SR5	9/15/2017 22:35	29.30	85.0	6.06	3.3
SR5	9/15/2017 4:40	28.72	89.1	6.50	2.2	SR5	9/15/2017 10:40	29.19	72.2	5.31	3.3	SR5	9/15/2017 16:40	30.01	94.6	6.78	2.2	SR5	9/15/2017 22:40	29.26	85.5	6.10	1.9
SR5	9/15/2017 4:45	28.72	88.7	6.47	2.4	SR5	9/15/2017 10:45	29.25	72.2	5.31	4.2	SR5	9/15/2017 16:45	30.09	94.9	6.80	1.7	SR5	9/15/2017 22:45	29.25	85.4	6.09	3.2
SR5	9/15/2017 4:50	28.71	87.3	6.36	2.5	SR5	9/15/2017 10:50	29.25	72.9	5.36	4.3	SR5	9/15/2017 16:50	30.16	94.1	6.75	3.6	SR5	9/15/2017 22:50	29.31	86.2	6.15	2.8
SR5	9/15/2017 4:55	28.71	88.8	6.47	2.4	SR5	9/15/2017 10:55	29.25	73.0	5.36	3.1	SR5	9/15/2017 16:55	30.14	93.7	6.72	2.1	SR5	9/15/2017 22:55	29.42	84.6	6.04	3.1
SR5	9/15/2017 5:00	28.72	92.2	6.70	2.4	SR5	9/15/2017 11:00	29.30	73.1	5.38	3.2	SR5	9/15/2017 17:00	30.11	94.9	6.80	2.5	SR5	9/15/2017 23:00	29.49	84.1	6.00	3.2
SR5	9/15/2017 5:05	28.73	92.3	6.71	2.6	SR5	9/15/2017 11:05	29.39	80.3	5.77	4.9	SR5	9/15/2017 17:05	30.11	94.8	6.80	2.3	SR5	9/15/2017 23:05	29.52	83.3	5.94	2.2
SR5	9/15/2017 5:10	28.73	86.4	6.32	2.6	SR5	9/15/2017 11:10	29.51	95.0	7.03	4.6	SR5	9/15/2017 17:10	30.10	93.8	6.73	2.9	SR5	9/15/2017 23:10	29.54	82.2	5.85	2.2
SR5	9/15/2017 5:15	28.72	89.2	6.51	2.2	SR5	9/15/2017 11:15	29.46	95.9	7.07	2.9	SR5	9/15/2017 17:15	30.11	94.8	6.81	3.3	SR5	9/15/2017 23:15	29.57	81.0	5.76	2.1
SR5	9/15/2017 5:20	28.72	90.2	6.57	2.2	SR5	9/15/2017 11:20	29.45	95.3	6.98	3.7	SR5	9/15/2017 17:20	30.10	94.5	6.79	1.7	SR5	9/15/2017 23:20	29.63	84.2	6.01	2.3
SR5	9/15/2017 5:25	28.73	83.3	6.10	2.6	SR5	9/15/2017 11:25	29.62	95.4	6.93	3.9	SR5	9/15/2017 17:25	30.04	93.2	6.70	2.1	SR5	9/15/2017 23:25	29.63	84.4	6.03	2.2
SR5	9/15/2017 5:30	28.74	83.0	6.09	2.4	SR5	9/15/2017 11:30	29.65	96.3	6.97	3.5	SR5	9/15/2017 17:30	30.07	94.7	6.80	2.2	SR5	9/15/2017 23:30	29.64	84.9	6.06	2.3
SR5	9/15/2017 5:35	28.76	81.4	5.97	2.2	SR5	9/15/2017 11:35	29.56	96.1	6.89	3.2	SR5	9/15/2017 17:35	30.10	92.5	6.65	2.8	SR5	9/15/2017 23:35	29.60	84.4	6.03	2.3
SR5	9/15/2017 5:40	28.78	79.3	5.82	2.5	SR5	9/15/2017 11:40	29.62	91.2	6.52	3.6	SR5	9/15/2017 17:40	30.12	91.2	6.56	2.4	SR5	9/15/2017 23:40	29.58	82.0	5.84	2.1
SR5	9/15/2017 5:45	28.81	79.4	5.82	2.5	SR5	9/15/2017 11:45	29.60	92.2	6.60	4.9	SR5	9/15/2017 17:45	30.10	90.0	6.48	2.9	SR5	9/15/2017 23:45	29.59	81.3	5.79	2.2
SR5	9/15/2017 5:50	28.83	78.9	5.79	2.3	SR5	9/15/2017 11:50	29.58	93.6	6.70	3.4	SR5	9/15/2017 17:50	30.08	85.5	6.18	3.0	SR5	9/15/2017 23:50	29.60	81.3	5.80	2.2
SR5	9/15/2017 5:55	28.86	76.8	5.64	2.2	SR5	9/15/2017 11:55	29.89	94.2	6.74	3.5	SR5	9/15/2017 17:55	30.06	92.1	6.63	3.3	SR5	9/15/2017 23:55	29.62	81.1	5.78	2.2

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR12	9/15/2017 0:01	29.49	71.2	5.24	7.7	SR12	9/15/2017 6:01	29.61	77.1	5.71	7.2	SR12	9/15/2017 12:01	29.75	76.0	5.60	7.6	SR12	9/15/2017 18:01	29.97	79.8	5.89	5.6
SR12	9/15/2017 0:06	29.55	71.0	5.23	6.8	SR12	9/15/2017 6:06	29.72	77.7	5.76	6.3	SR12	9/15/2017 12:06	29.69	76.8	5.65	7.8	SR12	9/15/2017 18:06	29.89	79.8	5.90	6.6
SR12	9/15/2017 0:11	29.37	71.0	5.23	6.3	SR12	9/15/2017 6:11	29.73	78.4	5.80	6.0	SR12	9/15/2017 12:11	29.77	77.2	5.67	6.4	SR12	9/15/2017 18:11	29.79	80.2	5.92	5.4
SR12	9/15/2017 0:16	29.47	71.3	5.25	6.2	SR12	9/15/2017 6:16	29.58	77.7	5.75	6.3	SR12	9/15/2017 12:16	29.88	77.3	5.67	8.7	SR12	9/15/2017 18:16	29.88	80.4	5.94	5.9
SR12	9/15/2017 0:21	29.37	70.7	5.21	7.4	SR12	9/15/2017 6:21	29.57	78.1	5.78	7.6	SR12	9/15/2017 12:21	29.80	76.0	5.58	8.0	SR12	9/15/2017 18:21	30.00	80.1	5.92	5.6
SR12	9/15/2017 0:26	29.38	71.4	5.26	6.7	SR12	9/15/2017 6:26	29.50	78.4	5.81	6.6	SR12	9/15/2017 12:26	29.83	76.5	5.62	7.1	SR12	9/15/2017 18:26	29.80	80.6	5.95	5.7
SR12	9/15/2017 0:31	29.42	71.0	5.24	8.0	SR12	9/15/2017 6:31	29.48	77.6	5.74	8.0	SR12	9/15/2017 12:31	29.71	76.7	5.63	8.3	SR12	9/15/2017 18:31	29.78	80.0	5.91	5.7
SR12	9/15/2017 0:36	29.64	72.0	5.30	6.3	SR12	9/15/2017 6:36	29.58	77.8	5.76	6.1	SR12	9/15/2017 12:36	29.87	76.9	5.64	7.7	SR12	9/15/2017 18:36	29.87	79.6	5.88	6.0
SR12	9/15/2017 0:41	29.62	72.0	5.31	6.7	SR12	9/15/2017 6:41	29.58	77.7	5.76	6.5	SR12	9/15/2017 12:41	29.78	76.4	5.61	8.2	SR12	9/15/2017 18:41	29.78	80.0	5.91	5.6
SR12	9/15/2017 0:46	29.57	72.3	5.33	7.1	SR12	9/15/2017 6:46	29.41	77.8	5.76	6.4	SR12	9/15/2017 12:46	29.88	75.6	5.55	7.8	SR12	9/15/2017 18:46	29.89	80.1	5.92	5.6
SR12	9/15/2017 0:51	29.63	72.1	5.32	7.2	SR12	9/15/2017 6:51	29.45	77.7	5.75	7.2	SR12	9/15/2017 12:51	29.74	76.0	5.57	6.2	SR12	9/15/2017 18:51	29.82	80.4	5.94	6.3
SR12	9/15/2017 0:56	29.57	72.2	5.32	7.3	SR12	9/15/2017 6:56	29.48	77.9	5.77	6.8	SR12	9/15/2017 12:56	29.84	77.1	5.65	7.6	SR12	9/15/2017 18:56	29.80	80.7	5.96	5.3
SR12	9/15/2017 1:01	29.45	71.6	5.28	6.4	SR12	9/15/2017 7:01	29.51	77.0	5.70	6.7	SR12	9/15/2017 13:01	29.76	75.9	5.57	6.2	SR12	9/15/2017 19:01	29.84	80.1	5.92	5.5
SR12	9/15/2017 1:06	29.55	72.6	5.35	6.8	SR12	9/15/2017 7:06	29.38	76.9	5.70	6.4	SR12	9/15/2017 13:06	29.84	76.1	5.58	7.7	SR12	9/15/2017 19:06	29.78	79.8	5.89	5.5
SR12	9/15/2017 1:11	29.51	73.2	5.39	6.1	SR12	9/15/2017 7:11	29.49	77.2	5.71	6.3	SR12	9/15/2017 13:11	29.90	75.6	5.54	7.4	SR12	9/15/2017 19:11	29.69	80.0	5.91	6.4
SR12	9/15/2017 1:16	29.49	72.9	5.38	5.9	SR12	9/15/2017 7:16	29.49	76.7	5.68	5.8	SR12	9/15/2017 13:16	29.95	75.6	5.54	7.8	SR12	9/15/2017 19:16	29.84	79.4	5.87	6.7
SR12	9/15/2017 1:21	29.49	73.0	5.38	6.1	SR12	9/15/2017 7:21	29.42	77.1	5.70	7.5	SR12	9/15/2017 13:21	29.76	76.4	5.61	8.0	SR12	9/15/2017 19:21	29.65	79.9	5.91	5.1
SR12	9/15/2017 1:26	29.50	72.5	5.35	7.8	SR12	9/15/2017 7:26	29.38	78.2	5.79	6.2	SR12	9/15/2017 13:26	29.84	75.6	5.55	7.9	SR12	9/15/2017 19:26	29.68	80.0	5.92	6.4
SR12	9/15/2017 1:31	29.49	73.3	5.41	6.9	SR12	9/15/2017 7:31	29.47	78.7	5.83	5.7	SR12	9/15/2017 13:31	29.86	77.9	5.71	6.7	SR12	9/15/2017 19:31	29.65	79.1	5.85	7.2
SR12	9/15/2017 1:36	29.43	72.7	5.36	7.3	SR12	9/15/2017 7:36	29.48	78.5	5.81	6.3	SR12	9/15/2017 13:36	29.82	76.7	5.62	7.9	SR12	9/15/2017 19:36	29.64	79.8	5.91	6.9
SR12	9/15/2017 1:41	29.48	72.8	5.37	6.4	SR12	9/15/2017 7:41	29.45	77.9	5.77	7.0	SR12	9/15/2017 13:41	29.83	77.6	5.68	6.4	SR12	9/15/2017 19:41	29.68	80.9	5.99	6.3
SR12	9/15/2017 1:46	29.49	73.1	5.39	6.4	SR12	9/15/2017 7:46	29.43	78.8	5.84	6.4	SR12	9/15/2017 13:46	29.97	76.5	5.60	6.8	SR12	9/15/2017 19:46	29.57	79.5	5.89	5.5
SR12	9/15/2017 1:51	29.31	73.5	5.42	6.2	SR12	9/15/2017 7:51	29.56	78.5	5.82	7.4	SR12	9/15/2017 13:51	29.96	76.8	5.63	7.2	SR12	9/15/2017 19:51	29.52	79.8	5.91	6.6
SR12	9/15/2017 1:56	29.43	74.6	5.51	7.7	SR12	9/15/2017 7:56	29.50	77.8	5.76	6.7	SR12	9/15/2017 13:56	29.89	76.8	5.62	7.2	SR12	9/15/2017 19:56	29.63	79.6	5.90	5.2
SR12	9/15/2017 2:01	29.38	74.9	5.53	7.9	SR12	9/15/2017 8:01	29.43	78.6	5.82	6.2	SR12	9/15/2017 14:01	29.82	75.4	5.53	7.8	SR12	9/15/2017 20:01	29.59	79.8	5.91	5.5
SR12	9/15/2017 2:06	29.41	75.8	5.59	7.7	SR12	9/15/2017 8:06	29.56	78.7	5.83	7.4	SR12	9/15/2017 14:06	29.80	75.5	5.54	7.2	SR12	9/15/2017 20:06	29.53	77.0	5.70	5.4
SR12	9/15/2017 2:11	29.46	76.6	5.66	6.5	SR12	9/15/2017 8:11	29.48	78.1	5.78	6.4	SR12	9/15/2017 14:11	29.97	77.0	5.64	7.6	SR12	9/15/2017 20:11	29.67	78.8	5.84	5.6
SR12	9/15/2017 2:16	29.39	74.9	5.53	8.0	SR12	9/15/2017 8:16	29.51	77.3	5.72	6.7	SR12	9/15/2017 14:16	29.84	75.9	5.57	7.1	SR12	9/15/2017 20:16	29.64	77.4	5.73	5.6
SR12	9/15/2017 2:21	29.31	75.2	5.56	7.1	SR12	9/15/2017 8:21	29.36	77.8	5.74	7.2	SR12	9/15/2017 14:21	29.91	76.6	5.61	6.6	SR12	9/15/2017 20:21	29.48	77.5	5.73	5.5
SR12	9/15/2017 2:26	29.35	74.7	5.52	8.0	SR12	9/15/2017 8:26	29.52	77.3	5.71	6.9	SR12	9/15/2017 14:26	30.03	76.5	5.61	7.0	SR12	9/15/2017 20:26	29.60	77.5	5.73	5.7
SR12	9/15/2017 2:31	29.29	76.4	5.65	6.8	SR12	9/15/2017 8:31	29.55	78.7	5.81	5.6	SR12	9/15/2017 14:31	29.96	76.6	5.62	7.6	SR12	9/15/2017 20:31	29.59	76.1	5.63	6.7
SR12	9/15/2017 2:36	29.38	77.6	5.74	6.7	SR12	9/15/2017 8:36	29.41	78.0	5.76	5.8	SR12	9/15/2017 14:36	30.04	76.8	5.63	6.8	SR12	9/15/2017 20:36	29.62	75.5	5.58	5.7
SR12	9/15/2017 2:41	29.42	77.5	5.74	6.2	SR12	9/15/2017 8:41	29.47	78.0	5.77	6.0	SR12	9/15/2017 14:41	29.92	76.7	5.63	5.3	SR12	9/15/2017 20:41	29.63	74.7	5.52	6.3
SR12	9/15/2017 2:46	29.49	79.5	5.89	6.8	SR12	9/15/2017 8:46	29.41	78.2	5.78	5.9	SR12	9/15/2017 14:46	29.87	75.7	5.56	7.5	SR12	9/15/2017 20:46	29.57	74.5	5.51	5.5
SR12	9/15/2017 2:51	29.45	79.7	5.90	6.6	SR12	9/15/2017 8:51	29.53	78.4	5.81	7.2	SR12	9/15/2017 14:51	29.77	75.9	5.57	6.6	SR12	9/15/2017 20:51	29.66	74.8	5.53	5.7
SR12	9/15/2017 2:56	29.41	79.1	5.86	5.8	SR12	9/15/2017 8:56	29.50	78.2	5.79	7.2	SR12	9/15/2017 14:56	29.90	77.1	5.66	6.2	SR12	9/15/2017 20:56	29.76	74.6	5.51	5.7
SR12	9/15/2017 3:01	29.42	78.1	5.78	7.3	SR12	9/15/2017 9:01	29.55	77.6	5.73	6.3	SR12	9/15/2017 15:01	30.02	77.4	5.68	7.6	SR12	9/15/2017 21:01	29.74	74.8	5.53	6.1
SR12	9/15/2017 3:06	29.32	77.3	5.72	7.4	SR12	9/15/2017 9:06	29.43	77.1	5.70	7.1	SR12	9/15/2017 15:06	29.95	76.7	5.64	6.8	SR12	9/15/2017 21:06	29.72	75.5	5.58	5.0
SR12	9/15/2017 3:11	29.25	77.8	5.75	7.9	SR12	9/15/2017 9:11	29.50	76.0	5.61	7.4	SR12	9/15/2017 15:11	30.06	77.2	5.67	6.8	SR12	9/15/2017 21:11	29.76	75.2	5.56	6.5
SR12	9/15/2017 3:16	29.39	77.4	5.73	8.0	SR12	9/15/2017 9:16	29.62	76.8	5.67	7.3	SR12	9/15/2017 15:16	30.01	76.6	5.63	7.9	SR12	9/15/2017 21:16	29.64	75.3	5.56	5.9
SR12	9/15/2017 3:21	29.57	77.2	5.71	6.3	SR12	9/15/2017 9:21	29.60	76.4	5.64	6.7	SR12	9/15/2017 15:21	30.06	77.1	5.66	6.3	SR12	9/15/2017 21:21	29.59	76.0	5.62	5.8
SR12	9/15/2017 3:26	29.50	76.9	5.70	6.5	SR12	9/15/2017 9:26	29.54	76.3	5.63	6.9	SR12	9/15/2017 15:26	30.18	77.5	5.70	5.1	SR12	9/15/2017 21:26	29.75	75.9	5.61	6.3
SR12	9/15/2017 3:31	29.49	77.3	5.72	6.7	SR12	9/15/2017 9:31	29.48	75.9	5.60	6.5	SR12	9/15/2017 15:31	30.16	77.7	5.72	6.5	SR12	9/15/2017 21:31	29.70	75.4	5.57	5.8
SR12	9/15/2017 3:36	29.40	76.4	5.66	6.3	SR12	9/15/2017 9:36	29.58	76.4	5.63	7.1	SR12	9/15/2017 15:36	30.15	77.2	5.67	6.8	SR12	9/15/2017 21:36	29.65	77.0	5.69	7.4
SR12	9/15/2017 3:41	29.57	76.4	5.65	6.3	SR12	9/15/2017 9:41	29.52	76.3	5.62	7.0	SR12	9/15/2017 15:41	30.11	76.6	5.63	6.1	SR12	9/15/2017 21:41	29.63	76.1	5.62	7.8
SR12	9/15/2017 3:46	29.49	76.7	5.68	7.9	SR12	9/15/2017 9:46	29.63	76.2	5.62	7.8	SR12	9/15/2017 15:46	30.04	76.5	5.63	5.9	SR12	9/15/2017 21:46	29.59	75.8	5.61	6.5
SR12	9/15/2017 3:51	29.50	77.6	5.75	7.6	SR12	9/15/2017 9:51	29.57	75.8	5.59	7.5	SR12	9/15/2017 15:51	29.99	76.3	5.61	6.7	SR12	9/15/2017 21:51	29.57	76.6	5.67	6.5
SR12	9/15/2017 3:56	29.44	77.7	5.75	6.0	SR12	9/15/2017 9:56	29.68	75.2	5.55	6.4	SR12	9/15/2017 15:56	30.03	76.7	5.65	5.7	SR12	9/15/2017 21:56	29.68	76.3	5.65	6.5
SR12	9/15/2017 4:01	29.49	77.8	5.76	7.6	SR12	9/15/2017 10:01	29.65	75.1	5.53	7.6	SR12	9/15/2017 16:01	30.08	77.2	5.68	7.4	SR12	9/15/2017 22:01	29.67	73.9	5.46	7.2
SR12	9/15/2017 4:06	29.53	77.9	5.76	7.3	SR12	9/15/2017 10:06	29.69	73.6	5.42	8.4	SR12	9/15/2017 16:06	30.16	77.6	5.71	7.2	SR12	9/15/2017 22:06	29.57	73.4	5.42	6.3
SR12	9/15/2017 4:11	29.67	78.2	5.79	6.0	SR12	9/15/2017 10:11	29.65	75.3	5.55	6.6	SR12	9/15/2017 16:11	30.09	78.0	5.74	7.0	SR12	9/15/2017 22:11	29.55	72.5	5.35	7.2
SR12	9/15/2017 4:16	29.59	77.2	5.72	7.6	SR12	9/15/2017 10:16	29.53	74.2	5.47	6.2	SR12	9/15/2017 16:16	29.96	76.9	5.66	6.3	SR12	9/15/2017 22:16	29.54	72.7	5.37	7.3
SR12	9/15/2017 4:21	29.56	78.2	5.79	6.3	SR12	9/15/2017 10:21	29.70	73.5	5.42	7.6	SR12	9/15/2017 16:21	30.08	77.0	5.67	5.1	SR12	9/15/2017 22:21	29.65	72.3	5.34	6.4
SR12	9/15/2017 4:26	29.68	77.3	5.73	7.5	SR12	9/15/2017 10:26	29.50	71.9	5.29	7.4	SR12	9/15/2017 16:26	30.07	76.8	5.66	6.5	SR12	9/15/2017 22:26	29.52	72.8	5.38	5.6
SR12	9/15/2017 4:31	29.53	78.3	5.80	6.1	SR12	9/15/2017 10:31	29.56	71.6	5.27	6.8	SR12	9/15/2017 16:31	29.97	77.8	5.73	5.7	SR12	9/15/2017 22:31	29.66	74.4	5.50	6.6
SR12	9/15/2017 4:36	29.48	77.7	5.75	6.8	SR12	9/15/2017 10:36	29.62	71.5	5.26	6.8	SR12	9/15/2017 16:36	29.89	77.0	5.68	5.3	SR12	9/15/2017 22:36	29.59	75.4	5.57	6.6
SR12	9/15/2017 4:41	29.54	78.1	5.78	7.0	SR12	9/15/2017 10:41	29.52	71.9	5.29	7.8	SR12	9/15/2017 16:41	30.04	78.5	5.78	6.8	SR12	9/15/2017 22:41	29.63	75.3	5.57	6.2
SR12	9/15/2017 4:46	29.49	78.4	5.80	7.6	SR12	9/15/2017 10:46	29.51	72.1	5.30	6.7	SR12	9/15/2017 16:46	29.93	78.4	5.78	5.8	SR12	9/15/2017 22:46	29.50	75.9	5.61	5.9
SR12	9/15/2017 4:51	29.45	77.8	5.76	7.5	SR12	9/15/2017 10:51	29.57	72.2	5.31	7.3	SR12	9/15/2017 16:51	30.04	78.6	5.80	7.5	SR12	9/15/2017 22:51	29.62	76.7	5.67	7.1
SR12	9/15/2017 4:56	29.57	78.5	5.81	6.2	SR12	9/15/2017 10:56	29.70	71.9	5.29	6.4	SR12	9/15/2017 16:56	30.12	77.6	5.73	7.1	SR12	9/15/2017 22:56	29.69	74.8	5.54	7.0
SR12	9/15/2017 5:01	29.47	78.3	5.79	7.3	SR12	9/15/2017 11:01	29.66	72.1	5.31	7.5	SR12	9/15/2017 17:01	29.90	77.1	5.69	6.7	SR12	9/15/2017 23:01	29.64	75.4	5.58	7.4
SR12	9/15/2017 5:06	29.57	78.5	5.81	6.9	SR12	9/15/2017 11:06	29.75	72.2	5.31	7.1	SR12	9/15/2017 17:06	30.03	78.2	5.77	6.4	SR12	9/15/2017 23:06	29.75	74.6	5.51	6.0
SR12	9/15/2017 5:11	29.45	78.3	5.80	7.9	SR12	9/15/2017 11:11	29.69	85.4	6.47	6.6	SR12	9/15/2017 17:11	29.96	77.7	5.74	5.4	SR12	9/15/2017 23:11	29.60	73.1	5.40	5.4
SR12	9/15/2017 5:16	29.53	78.8	5.83	7.4	SR12	9/15/2017 11:16	29.64	87.2	6.58	7.2	SR12	9/15/2017 17:16	29.89	78.6	5.80	6.6	SR12	9/15/2017 23:16	29.71	71.8	5.30	5.5
SR12	9/15/2017 5:21	29.62	78.9	5.84	6.5	SR12	9/15/2017 11:21	29.75	86.1	6.45	7.5	SR12	9/15/2017 17:21	29.97	78.9	5.83	6.0	SR12	9/15/2017 23:21	29.68	74.6	5.52	7.4
SR12	9/15/2017 5:26	29.57	78.7	5.83	5.9	SR12	9/15/2017 11:26	29.65	87.1	6.46	6.4	SR12	9/15/2017 17:26	29.99	79.0	5.84	6.0	SR12	9/15/2017 23:26	29.80	75.3	5.57	7.1
SR12	9/15/2017 5:31	29.41	79.6	5.90	6.3	SR12	9/15/2017 11:31	29.76	87.6	6.47	6.2	SR12	9/15/2017 17:31	30.03	79.4	5.86	6.1	SR12	9/15/2017 23:31	29.73	76.4	5.65	6.7
SR12	9/15/2017 5:36	29.61	79.1	5.86	6.2	SR12	9/15/2017 11:36	29.72	87.1	6.37	8.1	SR12	9/15/2017 17:36	29.90	79.0	5.83	5.4	SR12	9/15/2017 23:36	29.70	75.8	5.61	5.9
SR12	9/15/2017 5:41	29.53	78.3	5.80	7.7	SR12	9/15/2017 11:41	29.66	76.8	5.64	6.6	SR12	9/15/2017 17:41	29.94	80.0	5.90	5.9	SR12	9/15/2017 23:41	29.65	73.4	5.42	5.3
SR12	9/15/2017 5:46	29.58	78.2	5.79	7.2	SR12	9/15/2017 11:46	29.62	75.8	5.58	7.8	SR12	9/15/2017 17:46	29.94	79.6	5.88	6.8	SR12	9/15/2017 23:46	29.72	73.3	5.41	6.4
SR12	9/15/2017 5:51	29.74	78.1	5.79	7.6	SR12	9/15/2017 11:51	29.59	76.0	5.60	7.5	SR12	9/15/2017 17:51	29.92	80.2	5.92	5.3	SR12	9/15/2017 23:51	29.69	72.9	5.39	6.2
SR12	9/15/2017 5:56	29.74	78.5	5.82	6.3	SR12	9/15/2017 11:56	29.91	76.5	5.63	7.1	SR12	9/15/2017 17:56	29.96	80.5	5.94	6.2	SR12	9/15/2017 23:56	29.82	72.3	5.35	6.0

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR13	9/15/2017 0:00	29.32	67.2	4.88	6.1	SR13	9/15/2017 6:00	29.33	70.3	5.12	8.8	SR13	9/15/2017 12:00	29.91	69.7	5.06	7.0	SR13	9/15/2017 18:00	30.11	71.6	5.21	6.1
SR13	9/15/2017 0:05	29.31	67.2	4.88	5.6	SR13	9/15/2017 6:05	29.34	70.4	5.13	7.8	SR13	9/15/2017 12:05	29.87	69.2	5.03	6.5	SR13	9/15/2017 18:05	30.11	72.1	5.25	6.1
SR13	9/15/2017 0:10	29.25	66.7	4.85	8.0	SR13	9/15/2017 6:10	29.38	71.4	5.20	7.3	SR13	9/15/2017 12:10	29.83	69.9	5.07	5.7	SR13	9/15/2017 18:10	30.12	72.3	5.26	6.8
SR13	9/15/2017 0:15	29.22	66.1	4.80	7.4	SR13	9/15/2017 6:15	29.37	70.2	5.11	7.7	SR13	9/15/2017 12:15	29.98	70.2	5.09	6.4	SR13	9/15/2017 18:15	30.13	72.0	5.24	7.4
SR13	9/15/2017 0:20	29.14	66.9	4.86	8.5	SR13	9/15/2017 6:20	29.46	70.2	5.11	5.7	SR13	9/15/2017 12:20	30.03	68.8	4.99	8.2	SR13	9/15/2017 18:20	30.11	72.2	5.26	7.6
SR13	9/15/2017 0:25	29.27	66.9	4.86	5.2	SR13	9/15/2017 6:25	29.34	70.7	5.15	7.9	SR13	9/15/2017 12:25	29.93	70.0	5.08	6.2	SR13	9/15/2017 18:25	30.06	72.5	5.27	6.8
SR13	9/15/2017 0:30	29.24	66.9	4.86	5.3	SR13	9/15/2017 6:30	29.26	71.0	5.17	6.3	SR13	9/15/2017 12:30	29.87	70.0	5.08	5.4	SR13	9/15/2017 18:30	30.10	71.9	5.24	6.8
SR13	9/15/2017 0:35	29.42	66.9	4.86	5.1	SR13	9/15/2017 6:35	29.46	70.6	5.15	6.1	SR13	9/15/2017 12:35	29.97	69.3	5.03	7.9	SR13	9/15/2017 18:35	30.12	71.7	5.22	7.2
SR13	9/15/2017 0:40	29.26	67.0	4.87	8.5	SR13	9/15/2017 6:40	29.25	70.2	5.12	7.3	SR13	9/15/2017 12:40	30.04	69.9	5.07	6.3	SR13	9/15/2017 18:40	30.12	71.7	5.22	6.3
SR13	9/15/2017 0:45	29.40	67.6	4.91	7.3	SR13	9/15/2017 6:45	29.15	71.1	5.18	8.6	SR13	9/15/2017 12:45	30.00	69.7	5.05	7.9	SR13	9/15/2017 18:45	30.06	71.6	5.22	6.7
SR13	9/15/2017 0:50	29.37	67.8	4.93	9.9	SR13	9/15/2017 6:50	29.32	70.5	5.14	5.4	SR13	9/15/2017 12:50	29.85	68.8	4.99	4.8	SR13	9/15/2017 18:50	29.96	71.7	5.22	7.6
SR13	9/15/2017 0:55	29.31	67.2	4.88	5.6	SR13	9/15/2017 6:55	29.26	70.6	5.15	4.5	SR13	9/15/2017 12:55	30.02	69.5	5.04	5.4	SR13	9/15/2017 18:55	29.97	72.5	5.28	6.3
SR13	9/15/2017 1:00	29.23	67.7	4.92	7.7	SR13	9/15/2017 7:00	29.29	70.2	5.11	6.0	SR13	9/15/2017 13:00	29.84	69.8	5.06	5.8	SR13	9/15/2017 19:00	29.99	72.0	5.24	6.3
SR13	9/15/2017 1:05	29.24	67.5	4.90	4.9	SR13	9/15/2017 7:05	29.27	69.3	5.06	6.7	SR13	9/15/2017 13:05	29.91	69.3	5.02	5.5	SR13	9/15/2017 19:05	30.01	71.7	5.22	7.1
SR13	9/15/2017 1:10	29.32	68.5	4.98	6.2	SR13	9/15/2017 7:10	29.24	69.6	5.07	5.7	SR13	9/15/2017 13:10	29.98	68.8	4.98	5.4	SR13	9/15/2017 19:10	29.90	71.7	5.22	7.0
SR13	9/15/2017 1:15	29.26	67.5	4.91	5.1	SR13	9/15/2017 7:15	29.23	69.8	5.09	6.1	SR13	9/15/2017 13:15	30.01	68.8	4.98	4.8	SR13	9/15/2017 19:15	29.94	71.4	5.20	6.4
SR13	9/15/2017 1:20	29.25	68.7	4.99	6.3	SR13	9/15/2017 7:20	29.24	69.4	5.05	5.4	SR13	9/15/2017 13:20	29.89	69.1	5.01	6.9	SR13	9/15/2017 19:20	29.90	71.5	5.21	6.9
SR13	9/15/2017 1:25	29.19	67.5	4.91	5.6	SR13	9/15/2017 7:25	29.23	70.4	5.13	6.5	SR13	9/15/2017 13:25	29.98	68.8	4.99	6.3	SR13	9/15/2017 19:25	29.90	71.9	5.24	6.4
SR13	9/15/2017 1:30	29.26	68.2	4.96	5.7	SR13	9/15/2017 7:30	29.24	70.5	5.14	5.6	SR13	9/15/2017 13:30	30.05	70.8	5.13	6.6	SR13	9/15/2017 19:30	29.76	71.1	5.18	7.1
SR13	9/15/2017 1:35	29.14	67.7	4.92	7.2	SR13	9/15/2017 7:35	29.27	70.2	5.12	5.7	SR13	9/15/2017 13:35	29.97	69.7	5.05	7.8	SR13	9/15/2017 19:35	29.61	72.1	5.26	7.0
SR13	9/15/2017 1:40	29.28	68.2	4.96	7.6	SR13	9/15/2017 7:40	29.32	71.0	5.18	5.0	SR13	9/15/2017 13:40	30.08	70.5	5.10	8.2	SR13	9/15/2017 19:40	29.66	72.6	5.29	6.6
SR13	9/15/2017 1:45	29.32	68.0	4.94	5.4	SR13	9/15/2017 7:45	29.28	70.7	5.16	7.0	SR13	9/15/2017 13:45	30.05	69.6	5.04	4.9	SR13	9/15/2017 19:45	29.70	71.8	5.24	7.5
SR13	9/15/2017 1:50	29.22	69.0	5.01	7.8	SR13	9/15/2017 7:50	29.42	70.7	5.16	8.3	SR13	9/15/2017 13:50	30.18	70.2	5.09	5.7	SR13	9/15/2017 19:50	29.62	71.6	5.22	7.1
SR13	9/15/2017 1:55	29.17	68.3	4.97	5.4	SR13	9/15/2017 7:55	29.37	70.4	5.13	6.2	SR13	9/15/2017 13:55	30.12	70.1	5.07	6.9	SR13	9/15/2017 19:55	29.68	71.5	5.22	6.0
SR13	9/15/2017 2:00	29.27	69.3	5.04	6.5	SR13	9/15/2017 8:00	29.36	70.6	5.15	6.9	SR13	9/15/2017 14:00	30.06	68.7	4.98	5.3	SR13	9/15/2017 20:00	29.62	72.0	5.25	6.5
SR13	9/15/2017 2:05	29.13	69.4	5.05	7.0	SR13	9/15/2017 8:05	29.28	70.9	5.17	8.1	SR13	9/15/2017 14:05	29.92	68.9	5.00	7.6	SR13	9/15/2017 20:05	29.55	70.6	5.14	7.1
SR13	9/15/2017 2:10	29.18	69.3	5.05	5.9	SR13	9/15/2017 8:10	29.31	70.5	5.14	6.0	SR13	9/15/2017 14:10	30.19	70.3	5.09	7.2	SR13	9/15/2017 20:10	29.47	71.6	5.22	6.2
SR13	9/15/2017 2:15	29.22	69.3	5.04	5.7	SR13	9/15/2017 8:15	29.37	70.8	5.16	5.7	SR13	9/15/2017 14:15	30.01	68.8	4.99	7.6	SR13	9/15/2017 20:15	29.65	70.3	5.12	7.0
SR13	9/15/2017 2:20	29.11	69.1	5.03	6.2	SR13	9/15/2017 8:20	29.24	70.1	5.10	6.0	SR13	9/15/2017 14:20	30.07	70.2	5.08	8.2	SR13	9/15/2017 20:20	29.54	70.6	5.14	7.4
SR13	9/15/2017 2:25	29.18	69.4	5.05	5.1	SR13	9/15/2017 8:25	29.45	70.4	5.12	5.7	SR13	9/15/2017 14:25	30.11	69.4	5.03	7.1	SR13	9/15/2017 20:25	29.53	70.7	5.15	6.2
SR13	9/15/2017 2:30	29.22	69.4	5.06	5.9	SR13	9/15/2017 8:30	29.29	71.5	5.20	5.7	SR13	9/15/2017 14:30	30.20	69.7	5.05	7.1	SR13	9/15/2017 20:30	29.50	70.3	5.12	6.7
SR13	9/15/2017 2:35	29.17	69.8	5.08	5.6	SR13	9/15/2017 8:35	29.21	69.9	5.09	5.4	SR13	9/15/2017 14:35	30.23	69.7	5.05	6.2	SR13	9/15/2017 20:35	29.49	69.7	5.07	7.0
SR13	9/15/2017 2:40	29.28	70.3	5.12	7.8	SR13	9/15/2017 8:40	29.40	70.4	5.13	6.1	SR13	9/15/2017 14:40	30.11	70.2	5.09	6.4	SR13	9/15/2017 20:40	29.47	69.6	5.06	6.7
SR13	9/15/2017 2:45	29.25	71.9	5.24	6.0	SR13	9/15/2017 8:45	29.25	70.3	5.12	7.2	SR13	9/15/2017 14:45	30.06	69.0	5.01	6.7	SR13	9/15/2017 20:45	29.53	68.8	5.01	6.8
SR13	9/15/2017 2:50	29.28	71.6	5.22	5.8	SR13	9/15/2017 8:50	29.37	70.2	5.12	5.0	SR13	9/15/2017 14:50	30.12	69.2	5.02	5.9	SR13	9/15/2017 20:50	29.49	69.6	5.07	6.7
SR13	9/15/2017 2:55	29.15	70.6	5.15	7.8	SR13	9/15/2017 8:55	29.27	70.9	5.17	6.3	SR13	9/15/2017 14:55	30.19	70.1	5.09	6.8	SR13	9/15/2017 20:55	29.64	69.4	5.05	6.9
SR13	9/15/2017 3:00	29.14	69.9	5.10	5.3	SR13	9/15/2017 9:00	29.41	70.5	5.13	7.2	SR13	9/15/2017 15:00	30.14	70.5	5.11	6.7	SR13	9/15/2017 21:00	29.66	69.2	5.04	7.4
SR13	9/15/2017 3:05	29.11	69.7	5.08	8.2	SR13	9/15/2017 9:05	29.21	70.1	5.10	5.1	SR13						SR13	9/15/2017 21:05	29.69	69.4	5.05	6.6
SR13	9/15/2017 3:10	29.20	70.8	5.16	6.8	SR13	9/15/2017 9:10	29.25	69.5	5.06	5.2	SR13						SR13	9/15/2017 21:10	29.71	69.7	5.07	7.1
SR13	9/15/2017 3:15	29.30	70.2	5.11	6.8	SR13	9/15/2017 9:15	29.41	69.4	5.05	7.0	SR13						SR13	9/15/2017 21:15	29.78	69.2	5.03	6.4
SR13	9/15/2017 3:20	29.28	69.4	5.06	7.1	SR13	9/15/2017 9:20	29.38	70.4	5.12	5.8	SR13						SR13	9/15/2017 21:20	29.72	69.7	5.07	6.2
SR13	9/15/2017 3:25	29.30	69.8	5.09	5.5	SR13	9/15/2017 9:25	29.41	69.0	5.02	7.1	SR13	9/15/2017 15:25	30.06	70.3	5.10	6.7	SR13	9/15/2017 21:25	29.72	69.9	5.09	6.5
SR13	9/15/2017 3:30	29.23	70.8	5.16	7.8	SR13	9/15/2017 9:30	29.27	69.0	5.02	5.8	SR13	9/15/2017 15:30	30.10	69.7	5.06	5.6	SR13	9/15/2017 21:30	29.74	69.9	5.09	6.6
SR13	9/15/2017 3:35	29.32	69.2	5.04	6.9	SR13	9/15/2017 9:35	29.44	69.9	5.08	7.6	SR13	9/15/2017 15:35	30.21	69.7	5.06	6.9	SR13	9/15/2017 21:35	29.78	70.7	5.15	7.6
SR13	9/15/2017 3:40	29.31	69.9	5.09	5.7	SR13	9/15/2017 9:40	29.53	69.7	5.06	5.4	SR13	9/15/2017 15:40	30.19	69.3	5.03	7.3	SR13	9/15/2017 21:40	29.71	69.7	5.07	7.4
SR13	9/15/2017 3:45	29.26	70.6	5.14	7.5	SR13	9/15/2017 9:45	29.49	69.9	5.08	7.2	SR13	9/15/2017 15:45	30.08	70.1	5.09	5.8	SR13	9/15/2017 21:45	29.78	69.6	5.07	7.7
SR13	9/15/2017 3:50	29.25	71.0	5.18	5.8	SR13	9/15/2017 9:50	29.41	68.9	5.01	4.9	SR13	9/15/2017 15:50	29.99	69.4	5.04	7.6	SR13	9/15/2017 21:50	29.76	70.1	5.11	7.0
SR13	9/15/2017 3:55	29.20	70.7	5.15	6.5	SR13	9/15/2017 9:55	29.52	69.5	5.05	5.6	SR13	9/15/2017 15:55	30.02	69.5	5.05	6.3	SR13	9/15/2017 21:55	29.75	70.2	5.12	6.7
SR13	9/15/2017 4:00	29.36	70.5	5.14	7.3	SR13	9/15/2017 10:00	29.52	69.4	5.04	5.9	SR13	9/15/2017 16:00	29.97	70.1	5.09	6.1	SR13	9/15/2017 22:00	29.73	68.8	5.00	6.6
SR13	9/15/2017 4:05	29.17	70.5	5.13	5.7	SR13	9/15/2017 10:05	29.55	68.2	4.95	7.5	SR13	9/15/2017 16:05	30.02	70.4	5.11	6.5	SR13	9/15/2017 22:05	29.72	68.3	4.97	7.1
SR13	9/15/2017 4:10	29.33	70.8	5.16	8.7	SR13	9/15/2017 10:10	29.50	68.5	4.98	6.0	SR13	9/15/2017 16:10	30.29	70.5	5.12	6.4	SR13	9/15/2017 22:10	29.71	68.1	4.95	6.8
SR13	9/15/2017 4:15	29.42	70.3	5.12	6.5	SR13	9/15/2017 10:15	29.55	69.3	5.04	7.3	SR13	9/15/2017 16:15	30.27	69.6	5.05	6.7	SR13	9/15/2017 22:15	29.70	67.9	4.94	6.9
SR13	9/15/2017 4:20	29.30	70.6	5.15	5.4	SR13	9/15/2017 10:20	29.58	68.2	4.96	7.2	SR13	9/15/2017 16:20	30.27	69.4	5.04	7.5	SR13	9/15/2017 22:20	29.68	68.4	4.97	7.3
SR13	9/15/2017 4:25	29.30	70.3	5.13	8.2	SR13	9/15/2017 10:25	29.55	66.8	4.85	5.6	SR13	9/15/2017 16:25	30.28	70.1	5.10	6.9	SR13	9/15/2017 22:25	29.70	68.4	4.98	7.0
SR13	9/15/2017 4:30	29.38	71.0	5.17	5.5	SR13	9/15/2017 10:30	29.52	67.7	4.91	5.7	SR13	9/15/2017 16:30	30.26	69.9	5.08	5.6	SR13	9/15/2017 22:30	29.72	69.0	5.02	7.0
SR13	9/15/2017 4:35	29.34	70.4	5.13	6.3	SR13	9/15/2017 10:35	29.50	67.1	4.87	6.6	SR13	9/15/2017 16:35	30.24	70.0	5.09	7.0	SR13	9/15/2017 22:35	29.69	69.4	5.05	7.5
SR13	9/15/2017 4:40	29.23	70.8	5.16	6.3	SR13	9/15/2017 10:40	29.52	67.7	4.91	6.1	SR13	9/15/2017 16:40	30.35	70.2	5.10	6.5	SR13	9/15/2017 22:40	29.71	69.2	5.04	6.9
SR13	9/15/2017 4:45	29.33	71.0	5.17	7.9	SR13	9/15/2017 10:45	29.53	67.6	4.90	7.2	SR13	9/15/2017 16:45	30.22	70.5	5.13	6.8	SR13	9/15/2017 22:45	29.73	69.5	5.06	7.0
SR13	9/15/2017 4:50	29.14	70.9	5.17	5.7	SR13	9/15/2017 10:50	29.58	67.0	4.86	7.9	SR13	9/15/2017 16:50	30.11	70.3	5.11	6.7	SR13	9/15/2017 22:50	29.76	69.9	5.09	7.2
SR13	9/15/2017 4:55	29.34	71.5	5.21	6.7	SR13	9/15/2017 10:55	29.58	67.8	4.92	7.0	SR13	9/15/2017 16:55	30.05	70.0	5.09	7.1	SR13	9/15/2017 22:55	29.77	69.1	5.04	6.3
SR13	9/15/2017 5:00	29.22	71.1	5.18	4.8	SR13	9/15/2017 11:00	29.68	67.4	4.90	6.2	SR13	9/15/2017 17:00	30.07	70.3	5.11	5.8	SR13	9/15/2017 23:00	29.74	69.4	5.05	6.8
SR13	9/15/2017 5:05	29.37	71.3	5.19	7.5	SR13	9/15/2017 11:05	29.68	67.7	4.91	4.5	SR13	9/15/2017 17:05	30.05	70.6	5.14	6.0	SR13	9/15/2017 23:05	29.72	69.0	5.02	7.1
SR13	9/15/2017 5:10	29.31	70.0	5.10	5.4	SR13	9/15/2017 11:10	29.82	73.9	5.46	4.6	SR13	9/15/2017 17:10	29.96	70.2	5.11	6.8	SR13	9/15/2017 23:10	29.71	68.8	5.00	6.1
SR13	9/15/2017 5:15	29.22	70.4	5.13	7.9	SR13	9/15/2017 11:15	29.77	74.5	5.50	7.2	SR13	9/15/2017 17:15	29.94	70.6	5.14	5.7	SR13	9/15/2017 23:15	29.68	67.4	4.90	7.2
SR13	9/15/2017 5:20	29.22	71.7	5.22	6.6	SR13	9/15/2017 11:20	29.72	74.7	5.49	5.4	SR13	9/15/2017 17:20	29.99	70.8	5.15	6.2	SR13	9/15/2017 23:20	29.65	68.9	5.02	6.7
SR13	9/15/2017 5:25	29.22	71.2	5.19	7.9	SR13	9/15/2017 11:25	29.69	74.5	5.44	4.5	SR13	9/15/2017 17:25	30.15	71.4	5.20	6.3	SR13	9/15/2017 23:25	29.60	69.8	5.08	6.3
SR13	9/15/2017 5:30	29.15	71.5	5.22	7.0	SR13	9/15/2017 11:30	29.78	75.2	5.48	4.8	SR13	9/15/2017 17:30	30.21	71.5	5.20	6.6	SR13	9/15/2017 23:30	29.65	70.4	5.13	7.1
SR13	9/15/2017 5:35	29.37	71.0	5.18	5.5	SR13	9/15/2017 11:35	29.84	74.9	5.42	6.7	SR13	9/15/2017 17:35	30.19	71.0	5.17	6.7	SR13	9/15/2017 23:35	29.69	70.0	5.10	7.1
SR13	9/15/2017 5:40	29.35	70.9	5.17	7.2	SR13	9/15/2017 11:40	29.77	69.9	5.07	8.5	SR13	9/15/2017 17:40	30.10	71.5	5.20	6.6	SR13	9/15/2017 23:40	29.68	68.9	5.01	6.8
SR13	9/15/2017 5:45	29.28	70.3	5.13	6.4	SR13	9/15/2017 11:45	29.66	69.5	5.05	7.0	SR13	9/15/2017 17:45	30.13	72.0	5.24	6.9	SR13	9/15/2017 23:45	29.66	68.9	5.01	6.8
SR13	9/15/2017 5:50	29.46	70.6	5.15	5.9	SR13	9/15/2017 11:50	29.64	69.0	5.02	5.4	SR13	9/15/2017 17:50	30.12	72.1	5.25	7.2	SR13	9/15/2017 23:50	29.74	68.7	5.00	6.1
SR13	9/15/2017 5:55	29.47	70.4	5.14	7.5	SR13	9/15/2017 11:55	29.93	69.1	5.02	4.9	SR13	9/15/2017 17:55	30.12	72.4	5.27	7.1	SR13	9/15/2017 23:55	29.78	68.0	4.95	6.4

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	9/15/2017 0:17	0.06				SR12	9/15/2017 0:17	0.04			
SR4	9/15/2017 0:37	0.04				SR12	9/15/2017 0:37	0.05			
SR4	9/15/2017 0:57	0.05				SR12	9/15/2017 0:57	0.04			
SR4	9/15/2017 1:17	0.06				SR12	9/15/2017 1:17	0.03			
SR4	9/15/2017 1:37	0.07				SR12	9/15/2017 1:37	0.03			
SR4	9/15/2017 1:57	0.07				SR12	9/15/2017 1:57	0.03			
SR4	9/15/2017 2:17	0.07				SR12	9/15/2017 2:17	0.04			
SR4	9/15/2017 2:37	0.07				SR12	9/15/2017 2:37	0.03			
SR4	9/15/2017 2:57	0.05				SR12	9/15/2017 2:57	0.03			
SR4	9/15/2017 3:17	0.03				SR12	9/15/2017 3:17	0.04			
SR4	9/15/2017 3:37	0.04				SR12	9/15/2017 3:37	0.03			
SR4	9/15/2017 3:57	0.05				SR12	9/15/2017 3:57	0.02			
SR4	9/15/2017 4:17	0.05				SR12	9/15/2017 4:17	0.04			
SR4	9/15/2017 4:37	0.06				SR12	9/15/2017 4:37	0.05			
SR4	9/15/2017 4:57	0.06				SR12	9/15/2017 4:57	0.06			
SR4	9/15/2017 5:17	0.06				SR12	9/15/2017 5:17	0.05			
SR4	9/15/2017 5:37	0.06				SR12	9/15/2017 5:37	0.04			
SR4	9/15/2017 5:57	0.06				SR12	9/15/2017 5:57	0.05			
SR4						SR12					
SR4	9/15/2017 6:37	0.06				SR12	9/15/2017 6:37	0.05			
SR4	9/15/2017 6:57	0.06				SR12	9/15/2017 6:57	0.05			
SR4	9/15/2017 7:17	0.05				SR12	9/15/2017 7:17	0.05			
SR4	9/15/2017 7:37	0.05				SR12	9/15/2017 7:37	0.03			
SR4	9/15/2017 7:57	0.04				SR12	9/15/2017 7:57	0.03			
SR4	9/15/2017 8:17	0.03				SR12	9/15/2017 8:17	0.03			
SR4	9/15/2017 8:37	0.03				SR12	9/15/2017 8:37	0.03			
SR4	9/15/2017 8:57	0.04				SR12	9/15/2017 8:57	0.03			
SR4	9/15/2017 9:17	0.04				SR12	9/15/2017 9:17	0.05			
SR4	9/15/2017 9:37	0.05				SR12	9/15/2017 9:37	0.03			
SR4	9/15/2017 9:57	0.05				SR12	9/15/2017 9:57	0.05			
SR4	9/15/2017 10:17	0.05				SR12	9/15/2017 10:17	0.04			
SR4	9/15/2017 10:37	0.06				SR12	9/15/2017 10:37	0.03			
SR4	9/15/2017 10:57	0.06				SR12	9/15/2017 10:57	0.03			
SR4	9/15/2017 11:17	0.06				SR12	9/15/2017 11:17	0.04			
SR4	9/15/2017 11:37	0.05				SR12	9/15/2017 11:37	0.06			
SR4	9/15/2017 11:57	0.05				SR12	9/15/2017 11:57	0.06			
SR4	9/15/2017 12:17	0.05				SR12	9/15/2017 12:17	0.07			
SR4	9/15/2017 12:37	0.05				SR12	9/15/2017 12:37	0.05			
SR4	9/15/2017 12:57	0.06				SR12	9/15/2017 12:57	0.04			
SR4	9/15/2017 13:17	0.10				SR12	9/15/2017 13:17	0.05			
SR4	9/15/2017 13:37	0.10				SR12	9/15/2017 13:37	0.04			
SR4	9/15/2017 13:57	0.10				SR12	9/15/2017 13:57	0.04			
SR4	9/15/2017 14:17	0.12				SR12	9/15/2017 14:17	0.06			
SR4	9/15/2017 14:37	0.10				SR12	9/15/2017 14:37	0.06			
SR4	9/15/2017 14:57	0.09				SR12	9/15/2017 14:57	0.07			
SR4	9/15/2017 15:17	0.11				SR12	9/15/2017 15:17	0.07			
SR4	9/15/2017 15:37	0.11				SR12	9/15/2017 15:37	0.06			
SR4	9/15/2017 15:57	0.12				SR12	9/15/2017 15:57	0.06			
SR4	9/15/2017 16:17	0.10				SR12	9/15/2017 16:17	0.04			
SR4	9/15/2017 16:37	0.12				SR12	9/15/2017 16:37	0.04			
SR4	9/15/2017 16:57	0.12				SR12	9/15/2017 16:57	0.04			
SR4	9/15/2017 17:17	0.12				SR12	9/15/2017 17:17	0.03			
SR4	9/15/2017 17:37	0.13				SR12	9/15/2017 17:37	0.05			
SR4	9/15/2017 17:57	0.12				SR12	9/15/2017 17:57	0.06			
SR4	9/15/2017 18:17	0.11				SR12	9/15/2017 18:17	0.04			
SR4	9/15/2017 18:37	0.12				SR12	9/15/2017 18:37	0.04			
SR4	9/15/2017 18:57	0.10				SR12	9/15/2017 18:57	0.05			
SR4	9/15/2017 19:17	0.12				SR12	9/15/2017 19:17	0.04			
SR4	9/15/2017 19:37	0.11				SR12	9/15/2017 19:37	0.05			
SR4	9/15/2017 19:57	0.12				SR12	9/15/2017 19:57	0.06			
SR4	9/15/2017 20:17	0.11				SR12	9/15/2017 20:17	0.06			
SR4	9/15/2017 20:37	0.10				SR12	9/15/2017 20:37	0.07			
SR4	9/15/2017 20:57	0.10				SR12	9/15/2017 20:57	0.06			
SR4	9/15/2017 21:17	0.09				SR12	9/15/2017 21:17	0.05			
SR4	9/15/2017 21:37	0.09				SR12	9/15/2017 21:37	0.04			
SR4	9/15/2017 21:57	0.09				SR12	9/15/2017 21:57	0.04			
SR4	9/15/2017 22:17	0.08				SR12	9/15/2017 22:17	0.03			
SR4	9/15/2017 22:37	0.08				SR12	9/15/2017 22:37	0.02			
SR4	9/15/2017 22:57	0.11				SR12	9/15/2017 22:57	0.04			
SR4	9/15/2017 23:17	0.12				SR12	9/15/2017 23:17	0.03			
SR4	9/15/2017 23:37	0.11				SR12	9/15/2017 23:37	0.03			
SR4	9/15/2017 23:57	0.11				SR12	9/15/2017 23:57	0.04			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.
SR13 monitoring station was under maintenance during 15:00-15:25.

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR4	9/16/2017 0:01	29.91	73.7	5.62	5.8	SR4	9/16/2017 6:01	29.50	80.1	6.12	4.7	SR4	9/16/2017 12:01	30.14	75.5	5.70	4.2	SR4	9/16/2017 18:01	30.53	77.6	5.79	8.4
SR4	9/16/2017 0:06	29.67	73.3	5.59	5.5	SR4	9/16/2017 6:06	29.64	79.3	6.06	7.4	SR4	9/16/2017 12:06	30.27	78.1	5.89	3.0	SR4	9/16/2017 18:06	30.55	77.2	5.76	2.9
SR4	9/16/2017 0:11	29.75	73.5	5.61	6.3	SR4	9/16/2017 6:11	29.64	78.8	6.02	5.8	SR4	9/16/2017 12:11	30.37	75.1	5.66	8.0	SR4	9/16/2017 18:11	30.68	76.3	5.69	7.1
SR4	9/16/2017 0:16	29.95	73.8	5.63	6.0	SR4	9/16/2017 6:16	29.54	78.7	6.01	7.6	SR4	9/16/2017 12:16	30.32	73.5	5.53	8.3	SR4	9/16/2017 18:16	30.73	77.6	5.79	9.6
SR4	9/16/2017 0:21	29.84	73.6	5.62	5.8	SR4	9/16/2017 6:21	29.65	78.9	6.03	5.1	SR4	9/16/2017 12:21	30.19	71.7	5.40	7.8	SR4	9/16/2017 18:21	30.58	77.7	5.81	9.9
SR4	9/16/2017 0:26	29.86	72.4	5.52	4.9	SR4	9/16/2017 6:26	29.63	79.6	6.08	5.5	SR4	9/16/2017 12:26	30.32	73.3	5.51	5.1	SR4	9/16/2017 18:26	30.50	77.5	5.79	**13.4**
SR4	9/16/2017 0:31	29.79	71.8	5.47	7.2	SR4	9/16/2017 6:31	29.63	79.1	6.04	4.2	SR4	9/16/2017 12:31	30.36	72.8	5.48	8.5	SR4	9/16/2017 18:31	30.53	77.7	5.81	2.1
SR4	9/16/2017 0:36	29.78	71.4	5.44	6.8	SR4	9/16/2017 6:36	29.49	79.4	6.07	4.7	SR4	9/16/2017 12:36	30.25	72.4	5.45	8.3	SR4	9/16/2017 18:36	30.63	77.5	5.80	4.4
SR4	9/16/2017 0:41	29.76	71.3	5.43	4.4	SR4	9/16/2017 6:41	29.56	79.7	6.09	5.4	SR4	9/16/2017 12:41	30.25	75.2	5.65	4.0	SR4	9/16/2017 18:41	30.54	77.2	5.77	6.4
SR4	9/16/2017 0:46	29.74	70.9	5.41	6.7	SR4	9/16/2017 6:46	29.54	79.6	6.09	8.0	SR4	9/16/2017 12:46	30.34	74.2	5.57	5.5	SR4	9/16/2017 18:46	30.57	77.2	5.77	8.9
SR4	9/16/2017 0:51	29.67	72.3	5.51	6.3	SR4	9/16/2017 6:51	29.50	79.2	6.05	4.1	SR4	9/16/2017 12:51	30.39	75.1	5.63	6.4	SR4	9/16/2017 18:51	30.41	76.4	5.71	7.1
SR4	9/16/2017 0:56	29.72	74.1	5.65	6.8	SR4	9/16/2017 6:56	29.57	79.4	6.08	6.6	SR4	9/16/2017 12:56	30.46	74.4	5.58	3.6	SR4	9/16/2017 18:56	30.43	77.3	5.78	2.1
SR4	9/16/2017 1:01	29.70	76.1	5.82	6.5	SR4	9/16/2017 7:01	29.58	79.2	6.06	6.7	SR4	9/16/2017 13:01	30.27	74.3	5.57	7.4	SR4	9/16/2017 19:01	30.55	76.2	5.70	9.2
SR4	9/16/2017 1:06	29.78	75.7	5.79	4.8	SR4	9/16/2017 7:06	29.50	79.5	6.08	7.3	SR4	9/16/2017 13:06	30.24	74.5	5.59	8.2	SR4	9/16/2017 19:06	30.31	76.2	5.70	9.8
SR4	9/16/2017 1:11	29.75	75.1	5.74	6.4	SR4	9/16/2017 7:11	29.55	78.3	5.99	5.7	SR4	9/16/2017 13:11	30.43	74.8	5.61	3.9	SR4	9/16/2017 19:11	30.39	77.9	5.83	2.5
SR4	9/16/2017 1:16	29.88	74.2	5.67	4.7	SR4	9/16/2017 7:16	29.58	78.0	5.96	7.0	SR4	9/16/2017 13:16	30.58	74.7	5.59	7.5	SR4	9/16/2017 19:16	30.45	79.1	5.93	8.5
SR4	9/16/2017 1:21	29.82	74.4	5.68	4.5	SR4	9/16/2017 7:21	29.49	78.7	6.02	5.7	SR4	9/16/2017 13:21	30.33	73.9	5.52	6.4	SR4	9/16/2017 19:21	30.24	78.0	5.84	3.3
SR4	9/16/2017 1:26	29.76	73.7	5.63	6.7	SR4	9/16/2017 7:26	29.59	78.7	6.02	4.8	SR4	9/16/2017 13:26	30.40	74.2	5.54	7.9	SR4	9/16/2017 19:26	30.41	78.3	5.87	9.6
SR4	9/16/2017 1:31	29.85	76.0	5.81	4.2	SR4	9/16/2017 7:31	29.78	79.4	6.07	6.2	SR4	9/16/2017 13:31	30.65	73.8	5.51	5.8	SR4	9/16/2017 19:31	30.29	77.5	5.81	9.9
SR4	9/16/2017 1:36	29.94	75.2	5.75	6.0	SR4	9/16/2017 7:36	29.73	79.6	6.09	4.7	SR4	9/16/2017 13:36	30.62	73.5	5.49	5.1	SR4	9/16/2017 19:36	30.21	78.0	5.85	3.8
SR4	9/16/2017 1:41	29.67	73.6	5.63	6.2	SR4	9/16/2017 7:41	29.67	78.9	6.03	7.4	SR4	9/16/2017 13:41	30.77	73.1	5.46	4.7	SR4	9/16/2017 19:41	30.34	78.2	5.86	8.6
SR4	9/16/2017 1:46	29.74	72.8	5.57	5.2	SR4	9/16/2017 7:46	29.67	78.6	6.01	7.0	SR4	9/16/2017 13:46	30.66	73.5	5.49	3.3	SR4	9/16/2017 19:46	30.42	78.2	5.86	8.5
SR4	9/16/2017 1:51	29.77	79.3	6.06	7.3	SR4	9/16/2017 7:51	29.66	78.9	6.03	7.1	SR4	9/16/2017 13:51	30.69	74.0	5.52	4.2	SR4	9/16/2017 19:51	30.32	78.7	5.91	6.6
SR4	9/16/2017 1:56	29.78	73.8	5.64	6.3	SR4	9/16/2017 7:56	29.78	79.2	6.05	5.0	SR4	9/16/2017 13:56	30.79	74.6	5.57	5.2	SR4	9/16/2017 19:56	30.34	80.3	6.03	7.3
SR4	9/16/2017 2:01	29.95	73.4	5.61	5.2	SR4	9/16/2017 8:01	29.64	78.8	6.02	7.7	SR4	9/16/2017 14:01	30.65	74.8	5.59	9.0	SR4	9/16/2017 20:01	30.20	81.3	6.12	7.1
SR4	9/16/2017 2:06	29.86	73.7	5.64	4.0	SR4	9/16/2017 8:06	29.72	80.3	6.14	4.0	SR4	9/16/2017 14:06	30.64	74.0	5.53	6.6	SR4	9/16/2017 20:06	30.11	80.3	6.04	6.8
SR4	9/16/2017 2:11	29.72	74.2	5.68	7.5	SR4	9/16/2017 8:11	29.66	79.7	6.09	4.5	SR4	9/16/2017 14:11	30.72	75.2	5.61	3.0	SR4	9/16/2017 20:11	30.37	78.0	5.86	7.7
SR4	9/16/2017 2:16	29.79	73.7	5.63	7.9	SR4	9/16/2017 8:16	29.71	78.7	6.02	7.4	SR4	9/16/2017 14:16	30.68	75.3	5.61	8.0	SR4	9/16/2017 20:16	30.24	79.3	5.97	9.2
SR4	9/16/2017 2:21	29.77	74.1	5.67	6.4	SR4	9/16/2017 8:21	29.75	79.3	6.06	6.7	SR4	9/16/2017 14:21	30.78	75.4	5.62	7.2	SR4	9/16/2017 20:21	30.31	77.5	5.82	7.8
SR4	9/16/2017 2:26	29.80	75.2	5.75	7.8	SR4	9/16/2017 8:26	29.76	79.6	6.08	7.4	SR4	9/16/2017 14:26	30.78	76.1	5.68	3.7	SR4	9/16/2017 20:26	30.20	79.5	5.98	4.4
SR4	9/16/2017 2:31	29.73	74.5	5.69	4.9	SR4	9/16/2017 8:31	29.78	79.0	6.03	7.7	SR4	9/16/2017 14:31	30.92	76.2	5.68	5.9	SR4	9/16/2017 20:31	30.15	80.0	6.02	7.7
SR4	9/16/2017 2:36	29.86	75.3	5.76	7.3	SR4	9/16/2017 8:36	29.80	78.3	5.98	5.8	SR4	9/16/2017 14:36	30.92	75.3	5.60	6.1	SR4	9/16/2017 20:36	30.11	79.1	5.95	4.7
SR4	9/16/2017 2:41	29.76	75.5	5.78	7.4	SR4	9/16/2017 8:41	29.62	76.8	5.86	7.7	SR4	9/16/2017 14:41	30.80	74.6	5.53	6.2	SR4	9/16/2017 20:41	30.10	77.6	5.84	3.2
SR4	9/16/2017 2:46	29.80	75.5	5.77	5.1	SR4	9/16/2017 8:46	29.70	75.6	5.76	5.1	SR4	9/16/2017 14:46	30.83	75.6	5.60	6.7	SR4	9/16/2017 20:46	30.08	80.4	6.06	4.7
SR4	9/16/2017 2:51	29.74	75.7	5.79	4.6	SR4	9/16/2017 8:51	29.70	78.3	5.97	6.1	SR4	9/16/2017 14:51	30.88	75.1	5.56	6.2	SR4	9/16/2017 20:51	30.23	80.4	6.07	8.6
SR4	9/16/2017 2:56	29.70	75.7	5.80	5.8	SR4	9/16/2017 8:56	29.68	80.3	6.12	4.4	SR4	9/16/2017 14:56	30.69	74.8	5.54	7.0	SR4	9/16/2017 20:56	30.15	78.1	5.88	8.5
SR4	9/16/2017 3:01	29.80	76.3	5.84	7.2	SR4	9/16/2017 9:01	29.80	79.2	6.03	7.5	SR4	9/16/2017 15:01	30.84	74.5	5.52	4.8	SR4	9/16/2017 21:01	29.96	78.9	5.95	8.8
SR4	9/16/2017 3:06	29.92	76.6	5.87	4.2	SR4	9/16/2017 9:06	29.76	79.9	6.09	5.7	SR4	9/16/2017 15:06	30.74	73.5	5.44	2.9	SR4	9/16/2017 21:06	30.08	80.1	6.04	5.3
SR4	9/16/2017 3:11	29.81	76.7	5.88	7.2	SR4	9/16/2017 9:11	29.77	79.6	6.07	6.3	SR4	9/16/2017 15:11	30.76	73.6	5.45	8.2	SR4	9/16/2017 21:11	29.89	79.1	5.96	4.4
SR4	9/16/2017 3:16	29.90	76.6	5.87	7.9	SR4	9/16/2017 9:16	29.70	80.1	6.12	5.4	SR4	9/16/2017 15:16	30.66	74.3	5.50	**10.0**	SR4	9/16/2017 21:16	30.03	77.7	5.85	8.0
SR4	9/16/2017 3:21	29.76	76.7	5.88	7.0	SR4	9/16/2017 9:21	29.71	78.4	5.98	5.0	SR4	9/16/2017 15:21	30.67	75.2	5.56	5.4	SR4	9/16/2017 21:21	29.94	77.2	5.82	9.1
SR4	9/16/2017 3:26	29.81	76.6	5.87	4.3	SR4	9/16/2017 9:26	29.66	80.7	6.17	6.3	SR4	9/16/2017 15:26	30.75	73.2	5.42	2.1	SR4	9/16/2017 21:26	29.91	79.5	5.99	5.7
SR4	9/16/2017 3:31	29.76	77.1	5.92	4.6	SR4	9/16/2017 9:31	29.83	81.8	6.26	6.9	SR4	9/16/2017 15:31	30.83	73.7	5.46	5.7	SR4	9/16/2017 21:31	29.99	76.5	5.76	5.8
SR4	9/16/2017 3:36	29.71	76.6	5.89	7.0	SR4	9/16/2017 9:36	29.84	79.5	6.07	7.8	SR4	9/16/2017 15:36	30.78	72.9	5.40	7.8	SR4	9/16/2017 21:36	29.83	78.2	5.90	4.1
SR4	9/16/2017 3:41	29.72	76.9	5.90	8.0	SR4	9/16/2017 9:41	29.73	79.9	6.10	6.5	SR4	9/16/2017 15:41	30.85	73.2	5.41	7.7	SR4	9/16/2017 21:41	29.85	75.6	5.69	8.7
SR4	9/16/2017 3:46	29.59	77.1	5.92	5.6	SR4	9/16/2017 9:46	29.86	80.1	6.11	8.9	SR4	9/16/2017 15:46	30.73	72.6	5.35	8.7	SR4	9/16/2017 21:46	29.78	74.4	5.62	7.8
SR4	9/16/2017 3:51	29.55	77.4	5.94	5.0	SR4	9/16/2017 9:51	29.82	80.0	6.10	7.8	SR4	9/16/2017 15:51	30.84	72.9	5.38	3.3	SR4	9/16/2017 21:51	29.82	73.7	5.57	8.5
SR4	9/16/2017 3:56	29.71	77.8	5.97	5.5	SR4	9/16/2017 9:56	29.82	79.7	6.07	3.6	SR4	9/16/2017 15:56	30.70	72.5	5.34	5.6	SR4	9/16/2017 21:56	29.87	73.9	5.58	6.1
SR4	9/16/2017 4:01	29.77	77.1	5.92	7.1	SR4	9/16/2017 10:01	29.98	80.0	6.09	4.9	SR4	9/16/2017 16:01	30.83	72.2	5.33	7.8	SR4	9/16/2017 22:01	29.75	74.7	5.65	9.5
SR4	9/16/2017 4:06	29.63	77.2	5.93	7.3	SR4	9/16/2017 10:06	29.72	79.0	6.02	4.7	SR4	9/16/2017 16:06	30.86	72.6	5.35	5.8	SR4	9/16/2017 22:06	29.71	73.8	5.57	5.0
SR4	9/16/2017 4:11	29.54	78.8	6.05	7.4	SR4	9/16/2017 10:11	29.98	78.8	6.00	8.8	SR4	9/16/2017 16:11	30.87	73.2	5.40	7.2	SR4	9/16/2017 22:11	29.68	73.8	5.58	6.5
SR4	9/16/2017 4:16	29.59	78.1	5.99	6.7	SR4	9/16/2017 10:16	29.96	78.3	5.96	8.4	SR4	9/16/2017 16:16	30.81	77.9	5.74	3.7	SR4	9/16/2017 22:16	29.70	74.5	5.64	8.0
SR4	9/16/2017 4:21	29.62	77.9	5.97	5.8	SR4	9/16/2017 10:21	29.95	77.9	5.93	6.2	SR4	9/16/2017 16:21	30.84	74.9	5.52	7.1	SR4	9/16/2017 22:21	29.74	74.4	5.63	2.8
SR4	9/16/2017 4:26	29.54	79.5	6.10	6.6	SR4	9/16/2017 10:26	30.09	77.6	5.90	8.0	SR4	9/16/2017 16:26	30.68	73.9	5.46	9.4	SR4	9/16/2017 22:26	29.58	73.3	5.54	8.9
SR4	9/16/2017 4:31	29.70	80.3	6.16	7.4	SR4	9/16/2017 10:31	30.09	77.4	5.89	6.8	SR4	9/16/2017 16:31	30.67	73.5	5.44	3.6	SR4	9/16/2017 22:31	29.65	73.3	5.54	8.5
SR4	9/16/2017 4:36	29.62	79.3	6.09	6.1	SR4	9/16/2017 10:36	30.09	76.9	5.85	8.8	SR4	9/16/2017 16:36	30.74	73.7	5.45	7.3	SR4	9/16/2017 22:36	29.66	73.4	5.55	5.9
SR4	9/16/2017 4:41	29.63	78.7	6.04	6.9	SR4	9/16/2017 10:41	30.11	76.6	5.82	4.4	SR4	9/16/2017 16:41	30.77	74.0	5.47	4.5	SR4	9/16/2017 22:41	29.58	74.1	5.61	4.6
SR4	9/16/2017 4:46	29.60	79.1	6.07	4.9	SR4	9/16/2017 10:46	30.11	76.1	5.78	6.4	SR4	9/16/2017 16:46	30.68	73.7	5.45	9.0	SR4	9/16/2017 22:46	29.51	72.8	5.51	8.3
SR4	9/16/2017 4:51	29.78	78.8	6.04	4.8	SR4	9/16/2017 10:51	30.10	75.8	5.76	4.2	SR4	9/16/2017 16:51	30.81	73.7	5.46	3.2	SR4	9/16/2017 22:51	29.66	71.6	5.41	5.2
SR4	9/16/2017 4:56	29.68	78.5	6.02	7.4	SR4	9/16/2017 10:56	30.14	76.7	5.82	5.8	SR4	9/16/2017 16:56	30.87	74.4	5.52	2.6	SR4	9/16/2017 22:56	29.59	72.0	5.44	4.9
SR4	9/16/2017 5:01	29.73	78.0	5.97	8.0	SR4	9/16/2017 11:01	30.08	74.5	5.65	7.1	SR4	9/16/2017 17:01	30.78	74.1	5.49	4.0	SR4	9/16/2017 23:01	29.60	72.2	5.46	7.9
SR4	9/16/2017 5:06	29.66	78.1	5.97	5.4	SR4	9/16/2017 11:06	30.33	74.0	5.61	5.9	SR4	9/16/2017 17:06	30.71	75.1	5.58	**10.0**	SR4	9/16/2017 23:06	29.58	71.8	5.42	2.3
SR4	9/16/2017 5:11	29.61	78.5	6.01	6.9	SR4	9/16/2017 11:11	30.21	75.0	5.69	6.6	SR4	9/16/2017 17:11	30.78	75.3	5.59	9.5	SR4	9/16/2017 23:11	29.71	72.0	5.44	3.5
SR4	9/16/2017 5:16	29.66	78.3	5.99	5.6	SR4	9/16/2017 11:16	30.17	73.6	5.58	7.1	SR4	9/16/2017 17:16	30.76	75.3	5.61	4.8	SR4	9/16/2017 23:16	29.66	72.5	5.47	2.9
SR4	9/16/2017 5:21	29.58	77.3	5.91	6.4	SR4	9/16/2017 11:21	30.27	73.5	5.57	4.1	SR4	9/16/2017 17:21	30.70	77.2	5.74	5.3	SR4	9/16/2017 23:21	29.85	72.2	5.45	6.4
SR4	9/16/2017 5:26	29.57	78.2	5.98	4.9	SR4	9/16/2017 11:26	30.36	75.3	5.71	6.6	SR4	9/16/2017 17:26	30.57	77.4	5.75	8.7	SR4	9/16/2017 23:26	29.62	72.2	5.45	5.5
SR4	9/16/2017 5:31	29.65	79.8	6.11	6.7	SR4	9/16/2017 11:31	30.28	73.7	5.58	8.1	SR4	9/16/2017 17:31	30.66	77.7	5.78	7.3	SR4	9/16/2017 23:31	29.74	72.1	5.45	9.0
SR4	9/16/2017 5:36	29.56	79.5	6.08	5.3	SR4	9/16/2017 11:36	30.22	74.7	5.66	3.4	SR4	9/16/2017 17:36	30.51	77.7	5.79	5.9	SR4	9/16/2017 23:36	29.78	71.6	5.41	3.5
SR4	9/16/2017 5:41	29.55	78.7	6.02	4.0	SR4	9/16/2017 11:41	30.11	74.6	5.65	4.3	SR4	9/16/2017 17:41	30.59	78.5	5.85	7.4	SR4	9/16/2017 23:41	29.85	71.6	5.41	7.2
SR4	9/16/2017 5:46	29.60	78.6	6.01	7.8	SR4	9/16/2017 11:46	30.17	76.5	5.78	8.2	SR4	9/16/2017 17:46	30.69	77.8	5.80	3.1	SR4	9/16/2017 23:46	29.71	69.9	5.29	4.7
SR4	9/16/2017 5:51	29.57	79.1	6.05	6.4	SR4	9/16/2017 11:51	30.24	75.9	5.73	7.9	SR4	9/16/2017 17:51	30.76	77.9	5.80	5.0	SR4	9/16/2017 23:51	29.68	69.6	5.26	6.9
SR4	9/16/2017 5:56	29.66	80.1	6.12	4.5	SR4	9/16/2017 11:56	30.12	75.7	5.72	7.0	SR4	9/16/2017 17:56	30.66	77.0	5.75	3.0	SR4	9/16/2017 23:56	29.67	71.0	5.37	9.6

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR5	9/16/2017 0:00	29.64	80.9	5.77	3.1	SR5	9/16/2017 6:00	29.24	83.4	5.97	3.3	SR5	9/16/2017 12:00	30.09	77.6	5.70	3.1	SR5	9/16/2017 18:00	30.42	79.7	5.73	4.8
SR5	9/16/2017 0:05	29.65	81.0	5.77	3.1	SR5	9/16/2017 6:05	29.24	81.9	5.86	3.3	SR5	9/16/2017 12:05	30.14	79.0	5.80	2.8	SR5	9/16/2017 18:05	30.46	79.1	5.69	3.5
SR5	9/16/2017 0:10	29.63	80.8	5.76	3.4	SR5	9/16/2017 6:10	29.21	81.8	5.86	3.2	SR5	9/16/2017 12:10	30.17	77.5	5.68	3.2	SR5	9/16/2017 18:10	30.47	77.8	5.59	4.0
SR5	9/16/2017 0:15	29.62	81.6	5.82	3.2	SR5	9/16/2017 6:15	29.21	82.4	5.89	3.3	SR5	9/16/2017 12:15	30.14	78.1	5.72	3.3	SR5	9/16/2017 18:15	30.47	79.4	5.71	4.5
SR5	9/16/2017 0:20	29.62	81.2	5.79	3.3	SR5	9/16/2017 6:20	29.20	82.9	5.93	3.3	SR5	9/16/2017 12:20	30.15	76.8	5.63	3.7	SR5	9/16/2017 18:20	30.46	79.5	5.72	4.7
SR5	9/16/2017 0:25	29.60	80.5	5.73	3.1	SR5	9/16/2017 6:25	29.23	83.1	5.94	2.8	SR5	9/16/2017 12:25	30.19	77.1	5.65	2.8	SR5	9/16/2017 18:25	30.40	79.1	5.69	4.9
SR5	9/16/2017 0:30	29.57	80.4	5.72	3.4	SR5	9/16/2017 6:30	29.18	82.6	5.90	3.1	SR5	9/16/2017 12:30	30.20	75.9	5.56	3.8	SR5	9/16/2017 18:30	30.37	79.4	5.72	3.0
SR5	9/16/2017 0:35	29.54	79.9	5.69	3.7	SR5	9/16/2017 6:35	29.17	82.7	5.92	2.7	SR5	9/16/2017 12:35	30.23	76.4	5.60	3.4	SR5	9/16/2017 18:35	30.35	79.0	5.69	3.4
SR5	9/16/2017 0:40	29.52	79.5	5.65	3.1	SR5	9/16/2017 6:40	29.16	81.8	5.86	3.2	SR5	9/16/2017 12:40	30.19	77.7	5.69	2.8	SR5	9/16/2017 18:40	30.34	78.2	5.63	4.6
SR5	9/16/2017 0:45	29.52	79.4	5.66	3.9	SR5	9/16/2017 6:45	29.17	82.1	5.88	3.8	SR5	9/16/2017 12:45	30.25	76.0	5.57	2.8	SR5	9/16/2017 18:45	30.33	78.1	5.62	5.1
SR5	9/16/2017 0:50	29.51	79.1	5.64	3.4	SR5	9/16/2017 6:50	29.24	82.6	5.91	3.2	SR5	9/16/2017 12:50	30.24	77.8	5.69	3.3	SR5	9/16/2017 18:50	30.32	77.2	5.56	5.0
SR5	9/16/2017 0:55	29.51	80.5	5.74	3.5	SR5	9/16/2017 6:55	29.26	82.6	5.92	3.0	SR5	9/16/2017 12:55	30.24	76.6	5.60	2.5	SR5	9/16/2017 18:55	30.31	77.7	5.60	3.2
SR5	9/16/2017 1:00	29.51	81.5	5.82	3.3	SR5	9/16/2017 7:00	29.24	81.5	5.84	3.7	SR5	9/16/2017 13:00	30.20	76.7	5.61	3.1	SR5	9/16/2017 19:00	30.32	76.7	5.52	4.8
SR5	9/16/2017 1:05	29.51	80.8	5.77	3.2	SR5	9/16/2017 7:05	29.23	82.1	5.89	3.6	SR5	9/16/2017 13:05	30.21	77.9	5.70	3.8	SR5	9/16/2017 19:05	30.30	76.9	5.53	4.2
SR5	9/16/2017 1:10	29.51	80.6	5.76	3.9	SR5	9/16/2017 7:10	29.21	81.3	5.82	3.2	SR5	9/16/2017 13:10	30.27	78.3	5.73	2.8	SR5	9/16/2017 19:10	30.26	79.6	5.72	3.2
SR5	9/16/2017 1:15	29.51	80.2	5.73	3.2	SR5	9/16/2017 7:15	29.25	82.9	5.93	3.2	SR5	9/16/2017 13:15	30.30	78.3	5.72	3.1	SR5	9/16/2017 19:15	30.25	79.4	5.71	4.1
SR5	9/16/2017 1:20	29.49	80.3	5.74	3.2	SR5	9/16/2017 7:20	29.28	82.9	5.93	3.1	SR5	9/16/2017 13:20	30.23	78.4	5.55	3.1	SR5	9/16/2017 19:20	30.21	78.2	5.72	3.3
SR5	9/16/2017 1:25	29.51	80.3	5.73	3.6	SR5	9/16/2017 7:25	29.31	82.4	5.90	2.9	SR5	9/16/2017 13:25	30.32	77.6	5.49	3.4	SR5	9/16/2017 19:25	30.21	78.2	5.72	4.3
SR5	9/16/2017 1:30	29.54	80.9	5.79	3.2	SR5	9/16/2017 7:30	29.32	81.7	5.85	3.5	SR5	9/16/2017 13:30	30.49	78.9	5.58	3.1	SR5	9/16/2017 19:30	30.21	77.1	5.65	6.3
SR5	9/16/2017 1:35	29.52	80.3	5.74	3.4	SR5	9/16/2017 7:35	29.32	82.6	5.92	2.9	SR5	9/16/2017 13:35	30.53	80.4	5.68	2.9	SR5	9/16/2017 19:35	30.18	77.5	5.67	3.2
SR5	9/16/2017 1:40	29.52	79.1	5.66	3.4	SR5	9/16/2017 7:40	29.32	81.9	5.87	3.1	SR5	9/16/2017 13:40	30.58	80.2	5.67	3.2	SR5	9/16/2017 19:40	30.18	77.3	5.66	4.3
SR5	9/16/2017 1:45	29.53	79.2	5.66	4.7	SR5	9/16/2017 7:45	29.33	82.0	5.87	3.0	SR5	9/16/2017 13:45	30.61	80.1	5.66	2.4	SR5	9/16/2017 19:45	30.16	77.1	5.65	4.4
SR5	9/16/2017 1:50	29.53	82.6	5.91	4.4	SR5	9/16/2017 7:50	29.35	82.4	5.90	3.1	SR5	9/16/2017 13:50	30.60	80.5	5.69	2.6	SR5	9/16/2017 19:50	30.15	78.4	5.74	4.6
SR5	9/16/2017 1:55	29.55	80.2	5.72	3.5	SR5	9/16/2017 7:55	29.35	82.3	5.89	3.1	SR5	9/16/2017 13:55	30.57	81.3	5.74	2.6	SR5	9/16/2017 19:55	30.14	78.1	5.73	4.4
SR5	9/16/2017 2:00	29.57	79.7	5.69	3.5	SR5	9/16/2017 8:00	29.35	82.3	5.89	3.1	SR5	9/16/2017 14:00	30.52	81.4	5.76	3.9	SR5	9/16/2017 20:00	30.12	79.5	5.84	3.9
SR5	9/16/2017 2:05	29.58	80.4	5.74	3.1	SR5	9/16/2017 8:05	29.36	82.8	5.94	2.9	SR5	9/16/2017 14:05	30.55	81.6	5.77	2.9	SR5	9/16/2017 20:05	30.07	79.0	5.80	3.8
SR5	9/16/2017 2:10	29.55	80.5	5.75	3.6	SR5	9/16/2017 8:10	29.37	83.1	5.95	2.6	SR5	9/16/2017 14:10	30.54	82.0	5.79	3.0	SR5	9/16/2017 20:10	30.07	77.9	5.71	3.7
SR5	9/16/2017 2:15	29.49	80.7	5.76	3.5	SR5	9/16/2017 8:15	29.39	83.0	5.95	3.2	SR5	9/16/2017 14:15	30.57	81.7	5.77	3.6	SR5	9/16/2017 20:15	30.08	78.3	5.75	4.0
SR5	9/16/2017 2:20	29.54	80.6	5.76	3.6	SR5	9/16/2017 8:20	29.43	82.4	5.90	3.2	SR5	9/16/2017 14:20	30.60	81.9	5.78	3.7	SR5	9/16/2017 20:20	30.07	77.8	5.70	3.7
SR5	9/16/2017 2:25	29.51	80.9	5.78	3.5	SR5	9/16/2017 8:25	29.42	82.9	5.94	3.3	SR5	9/16/2017 14:25	30.62	80.1	5.74	2.8	SR5	9/16/2017 20:25	30.04	77.9	5.71	3.2
SR5	9/16/2017 2:30	29.51	79.4	5.67	3.0	SR5	9/16/2017 8:30	29.43	83.1	5.95	3.2	SR5	9/16/2017 14:30	30.63	80.5	5.76	3.0	SR5	9/16/2017 20:30	30.01	79.0	5.80	3.6
SR5	9/16/2017 2:35	29.51	80.8	5.78	3.5	SR5	9/16/2017 8:35	29.44	82.6	5.91	3.4	SR5	9/16/2017 14:35	30.66	78.4	5.61	3.4	SR5	9/16/2017 20:35	30.00	77.9	5.71	3.3
SR5	9/16/2017 2:40	29.50	80.6	5.77	3.6	SR5	9/16/2017 8:40	29.43	82.4	5.90	3.4	SR5	9/16/2017 14:40	30.69	80.4	5.73	2.9	SR5	9/16/2017 20:40	30.00	77.5	5.69	4.8
SR5	9/16/2017 2:45	29.51	80.6	5.76	3.0	SR5	9/16/2017 8:45	29.43	81.1	5.80	2.8	SR5	9/16/2017 14:45	30.69	79.9	5.70	3.4	SR5	9/16/2017 20:45	29.95	78.0	5.73	3.4
SR5	9/16/2017 2:50	29.52	80.8	5.77	3.1	SR5	9/16/2017 8:50	29.43	83.3	5.96	3.3	SR5	9/16/2017 14:50	30.63	79.5	5.67	3.3	SR5	9/16/2017 20:50	29.94	78.7	5.78	4.4
SR5	9/16/2017 2:55	29.52	81.0	5.80	3.5	SR5	9/16/2017 8:55	29.42	84.9	6.07	2.6	SR5	9/16/2017 14:55	30.59	79.3	5.66	3.6	SR5	9/16/2017 20:55	29.92	78.1	5.73	3.9
SR5	9/16/2017 3:00	29.51	80.1	5.74	3.6	SR5	9/16/2017 9:00	29.41	83.1	5.94	3.6	SR5	9/16/2017 15:00	30.64	79.8	5.69	3.3	SR5	9/16/2017 21:00	29.92	78.3	5.75	3.9
SR5	9/16/2017 3:05	29.50	80.0	5.73	3.2	SR5	9/16/2017 9:05	29.41	83.5	5.98	3.0	SR5	9/16/2017 15:05	30.63	78.3	5.58	2.3	SR5	9/16/2017 21:05	29.90	78.6	5.77	3.4
SR5	9/16/2017 3:10	29.50	79.4	5.69	3.5	SR5	9/16/2017 9:10	29.39	83.8	6.00	5.0	SR5	9/16/2017 15:10	30.63	78.8	5.62	3.6	SR5	9/16/2017 21:10	29.88	79.2	5.71	3.7
SR5	9/16/2017 3:15	29.50	80.7	5.78	3.8	SR5	9/16/2017 9:15	29.41	84.7	6.07	3.1	SR5	9/16/2017 15:15	30.62	80.1	5.71	3.8	SR5	9/16/2017 21:15	29.90	80.0	5.76	4.0
SR5	9/16/2017 3:20	29.50	80.1	5.74	3.7	SR5	9/16/2017 9:20	29.43	83.4	5.96	2.9	SR5	9/16/2017 15:20	30.62	79.6	5.67	3.2	SR5	9/16/2017 21:20	29.84	80.0	5.76	4.6
SR5	9/16/2017 3:25	29.47	80.7	5.78	3.1	SR5	9/16/2017 9:25	29.50	84.3	6.04	3.8	SR5	9/16/2017 15:25	30.61	79.0	5.63	2.4	SR5	9/16/2017 21:25	29.82	81.1	5.84	3.9
SR5	9/16/2017 3:30	29.44	79.9	5.73	3.2	SR5	9/16/2017 9:30	29.50	85.6	6.14	4.5	SR5	9/16/2017 15:30	30.61	78.8	5.62	3.1	SR5	9/16/2017 21:30	29.79	79.6	5.73	4.0
SR5	9/16/2017 3:35	29.48	80.3	5.76	3.8	SR5	9/16/2017 9:35	29.57	84.7	6.05	3.4	SR5	9/16/2017 15:35	30.66	78.8	5.62	3.8	SR5	9/16/2017 21:35	29.73	80.7	5.82	3.5
SR5	9/16/2017 3:40	29.53	78.3	5.80	3.8	SR5	9/16/2017 9:40	29.54	84.1	6.02	3.7	SR5	9/16/2017 15:40	30.66	78.9	5.62	3.2	SR5	9/16/2017 21:40	29.70	79.5	5.72	4.0
SR5	9/16/2017 3:45	29.42	77.5	5.74	3.4	SR5	9/16/2017 9:45	29.61	83.6	5.98	3.9	SR5	9/16/2017 15:45	30.65	78.4	5.58	3.9	SR5	9/16/2017 21:45	29.68	80.3	5.77	3.9
SR5	9/16/2017 3:50	29.38	78.3	5.80	3.1	SR5	9/16/2017 9:50	29.54	83.6	5.98	3.6	SR5	9/16/2017 15:50	30.61	79.9	5.68	2.9	SR5	9/16/2017 21:50	29.66	80.3	5.77	4.3
SR5	9/16/2017 3:55	29.38	78.1	5.79	4.8	SR5	9/16/2017 9:55	29.67	84.0	6.01	3.0	SR5	9/16/2017 15:55	30.65	79.5	5.65	3.4	SR5	9/16/2017 21:55	29.66	79.5	5.72	3.8
SR5	9/16/2017 4:00	29.35	78.2	5.79	3.5	SR5	9/16/2017 10:00	29.62	84.2	6.01	2.9	SR5	9/16/2017 16:00	30.74	79.2	5.64	3.7	SR5	9/16/2017 22:00	29.62	79.2	5.70	4.7
SR5	9/16/2017 4:05	29.30	78.0	5.78	3.7	SR5	9/16/2017 10:05	29.54	83.9	5.99	3.5	SR5	9/16/2017 16:05	30.72	79.1	5.63	3.2	SR5	9/16/2017 22:05	29.60	79.5	5.71	4.1
SR5	9/16/2017 4:10	29.31	79.3	5.88	3.6	SR5	9/16/2017 10:10	29.69	83.8	5.98	3.9	SR5	9/16/2017 16:10	30.69	79.1	5.64	3.6	SR5	9/16/2017 22:10	29.58	80.6	5.79	4.6
SR5	9/16/2017 4:15	29.31	78.6	5.82	3.7	SR5	9/16/2017 10:15	29.78	82.6	5.90	3.9	SR5	9/16/2017 16:15	30.67	81.5	5.81	3.2	SR5	9/16/2017 22:15	29.55	74.7	5.49	3.9
SR5	9/16/2017 4:20	29.29	78.6	5.82	3.5	SR5	9/16/2017 10:20	29.81	82.0	5.86	3.3	SR5	9/16/2017 16:20	30.65	80.0	5.72	4.6	SR5	9/16/2017 22:20	29.54	73.9	5.44	3.9
SR5	9/16/2017 4:25	29.33	79.0	5.86	3.5	SR5	9/16/2017 10:25	29.90	81.1	5.80	3.5	SR5	9/16/2017 16:25	30.65	79.4	5.68	3.9	SR5	9/16/2017 22:25	29.52	74.0	5.44	5.0
SR5	9/16/2017 4:30	29.31	79.4	5.88	4.3	SR5	9/16/2017 10:30	29.97	81.5	5.82	3.3	SR5	9/16/2017 16:30	30.63	79.3	5.68	3.2	SR5	9/16/2017 22:30	29.50	74.3	5.46	5.0
SR5	9/16/2017 4:35	29.27	79.1	5.86	3.3	SR5	9/16/2017 10:35	30.01	82.8	5.90	4.2	SR5	9/16/2017 16:35	30.65	78.9	5.64	3.5	SR5	9/16/2017 22:35	29.49	73.8	5.42	4.2
SR5	9/16/2017 4:40	29.28	78.8	5.84	3.6	SR5	9/16/2017 10:40	30.00	82.6	5.89	3.5	SR5	9/16/2017 16:40	30.64	79.4	5.68	3.5	SR5	9/16/2017 22:40	29.46	73.9	5.44	3.3
SR5	9/16/2017 4:45	29.27	79.0	5.85	3.0	SR5	9/16/2017 10:45	29.97	82.1	5.85	3.5	SR5	9/16/2017 16:45	30.59	78.8	5.64	5.0	SR5	9/16/2017 22:45	29.44	73.3	5.39	4.4
SR5	9/16/2017 4:50	29.32	78.4	5.81	3.1	SR5	9/16/2017 10:50	29.97	82.0	5.84	3.2	SR5	9/16/2017 16:50	30.60	78.7	5.63	3.5	SR5	9/16/2017 22:50	29.43	72.7	5.34	3.6
SR5	9/16/2017 4:55	29.30	79.0	5.85	3.7	SR5	9/16/2017 10:55	29.99	81.7	5.83	3.4	SR5	9/16/2017 16:55	30.64	79.0	5.66	3.5	SR5	9/16/2017 22:55	29.43	73.5	5.40	3.6
SR5	9/16/2017 5:00	29.32	78.6	5.82	3.2	SR5	9/16/2017 11:00	30.12	79.9	5.69	3.4	SR5	9/16/2017 17:00	30.64	79.2	5.67	3.6	SR5	9/16/2017 23:00	29.46	72.7	5.35	4.6
SR5	9/16/2017 5:05	29.33	77.9	5.76	2.9	SR5	9/16/2017 11:05	30.12	78.6	5.60	3.3	SR5	9/16/2017 17:05	30.67	79.7	5.72	5.0	SR5	9/16/2017 23:05	29.45	73.4	5.39	3.2
SR5	9/16/2017 5:10	29.31	78.3	5.80	3.1	SR5	9/16/2017 11:10	30.25	80.0	5.70	3.3	SR5	9/16/2017 17:10	30.66	79.7	5.72	4.8	SR5	9/16/2017 23:10	29.47	73.4	5.39	3.3
SR5	9/16/2017 5:15	29.27	78.0	5.77	3.5	SR5	9/16/2017 11:15	30.17	78.4	5.59	3.7	SR5	9/16/2017 17:15	30.63	79.5	5.71	3.7	SR5	9/16/2017 23:15	29.56	73.0	5.36	3.3
SR5	9/16/2017 5:20	29.25	78.2	5.78	3.5	SR5	9/16/2017 11:20	30.26	79.0	5.63	3.2	SR5	9/16/2017 17:20	30.60	80.4	5.77	3.7	SR5	9/16/2017 23:20	29.63	73.3	5.38	4.4
SR5	9/16/2017 5:25	29.25	78.5	5.81	2.7	SR5	9/16/2017 11:25	30.24	81.2	5.78	3.3	SR5	9/16/2017 17:25	30.44	80.2	5.76	4.7	SR5	9/16/2017 23:25	29.50	73.4	5.39	3.5
SR5	9/16/2017 5:30	29.24	82.8	5.93	3.1	SR5	9/16/2017 11:30	30.20	77.3	5.68	3.5	SR5	9/16/2017 17:30	30.43	79.6	5.72	3.4	SR5	9/16/2017 23:30	29.59	73.4	5.39	4.9
SR5	9/16/2017 5:35	29.21	82.4	5.90	3.4	SR5	9/16/2017 11:35	30.19	76.4	5.62	2.7	SR5	9/16/2017 17:35	30.44	79.0	5.69	2.5	SR5	9/16/2017 23:35	29.66	72.9	5.36	3.6
SR5	9/16/2017 5:40	29.21	81.8	5.86	3.2	SR5	9/16/2017 11:40	30.14	77.6	5.70	2.8	SR5	9/16/2017 17:40	30.42	79.6	5.73	3.8	SR5	9/16/2017 23:40	29.64	72.3	5.31	4.1
SR5	9/16/2017 5:45	29.21	81.5	5.83	3.7	SR5	9/16/2017 11:45	30.13	79.5	5.84	3.6	SR5	9/16/2017 17:45	30.45	79.1	5.69	3.8	SR5	9/16/2017 23:45	29.60	72.8	5.35	3.3
SR5	9/16/2017 5:50	29.21	81.7	5.85	3.2	SR5	9/16/2017 11:50	30.13	78.6	5.77	3.6	SR5	9/16/2017 17:50	30.47	79.7	5.73	3.8	SR5	9/16/2017 23:50	29.58	71.4	5.25	4.6
SR5	9/16/2017 5:55	29.21	82.2	5.88	3.3	SR5	9/16/2017 11:55	30.16	77.4	5.69	3.4	SR5	9/16/2017 17:55	30.45	79.1	5.69	3.4	SR5	9/16/2017 23:55	29.53	71.8	5.28	4.3

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR12	9/16/2017 0:01	29.78	72.5	5.36	7.0	SR12	9/16/2017 6:01	29.72	75.5	5.59	5.7	SR12	9/16/2017 12:01	30.07	74.2	5.45	5.8	SR12	9/16/2017 18:01	30.50	74.9	5.47	6.7
SR12	9/16/2017 0:06	29.65	72.9	5.38	6.9	SR12	9/16/2017 6:06	29.76	74.7	5.54	5.1	SR12	9/16/2017 12:06	30.08	74.8	5.50	2.9	SR12	9/16/2017 18:06	30.58	74.5	5.44	4.9
SR12	9/16/2017 0:11	29.86	72.9	5.39	7.3	SR12	9/16/2017 6:11	29.77	74.5	5.52	4.1	SR12	9/16/2017 12:11	30.17	73.8	5.42	7.4	SR12	9/16/2017 18:11	30.48	73.0	5.34	5.3
SR12	9/16/2017 0:16	29.95	72.6	5.36	7.3	SR12	9/16/2017 6:16	29.73	75.0	5.55	6.5	SR12	9/16/2017 12:16	30.21	72.2	5.30	5.9	SR12	9/16/2017 18:16	30.64	74.7	5.46	6.3
SR12	9/16/2017 0:21	29.84	72.7	5.37	6.2	SR12	9/16/2017 6:21	29.79	74.8	5.54	5.8	SR12	9/16/2017 12:21	30.18	71.2	5.23	5.9	SR12	9/16/2017 18:21	30.57	74.8	5.47	6.4
SR12	9/16/2017 0:26	29.86	71.9	5.31	6.1	SR12	9/16/2017 6:26	29.72	75.0	5.56	5.8	SR12	9/16/2017 12:26	30.27	72.1	5.29	3.8	SR12	9/16/2017 18:26	30.48	74.8	5.47	**10.6**
SR12	9/16/2017 0:31	29.86	71.4	5.27	6.9	SR12	9/16/2017 6:31	29.73	75.6	5.59	4.8	SR12	9/16/2017 12:31	30.30	72.6	5.33	6.1	SR12	9/16/2017 18:31	30.50	73.9	5.41	4.2
SR12	9/16/2017 0:36	29.95	71.2	5.26	6.6	SR12	9/16/2017 6:36	29.64	75.4	5.58	5.6	SR12	9/16/2017 12:36	30.24	71.6	5.26	7.3	SR12	9/16/2017 18:36	30.55	73.9	5.41	4.8
SR12	9/16/2017 0:41	30.00	71.4	5.27	5.8	SR12	9/16/2017 6:41	29.75	75.2	5.57	4.8	SR12	9/16/2017 12:41	30.31	73.3	5.38	6.1	SR12	9/16/2017 18:41	30.39	73.6	5.39	5.6
SR12	9/16/2017 0:46	29.91	71.3	5.27	6.5	SR12	9/16/2017 6:46	29.57	75.3	5.58	5.6	SR12	9/16/2017 12:46	30.29	73.0	5.35	4.2	SR12	9/16/2017 18:46	30.45	73.7	5.39	8.5
SR12	9/16/2017 0:51	29.82	72.6	5.36	5.9	SR12	9/16/2017 6:51	29.63	75.4	5.58	3.8	SR12	9/16/2017 12:51	30.39	73.2	5.36	6.6	SR12	9/16/2017 18:51	30.42	73.9	5.40	5.9
SR12	9/16/2017 0:56	29.91	73.5	5.43	6.0	SR12	9/16/2017 6:56	29.71	74.7	5.54	6.8	SR12	9/16/2017 12:56	30.38	72.9	5.34	4.8	SR12	9/16/2017 18:56	30.47	74.2	5.43	4.5
SR12	9/16/2017 1:01	29.74	74.1	5.48	6.2	SR12	9/16/2017 7:01	29.58	75.8	5.62	6.7	SR12	9/16/2017 13:01	30.24	73.2	5.36	5.2	SR12	9/16/2017 19:01	30.46	74.0	5.42	8.7
SR12	9/16/2017 1:06	29.84	73.5	5.44	5.9	SR12	9/16/2017 7:06	29.56	76.2	5.65	7.0	SR12	9/16/2017 13:06	30.23	72.7	5.33	8.0	SR12	9/16/2017 19:06	30.31	73.4	5.37	8.5
SR12	9/16/2017 1:11	29.72	73.4	5.43	7.4	SR12	9/16/2017 7:11	29.60	74.7	5.54	4.5	SR12	9/16/2017 13:11	30.35	72.8	5.33	4.6	SR12	9/16/2017 19:11	30.46	74.2	5.43	6.0
SR12	9/16/2017 1:16	29.90	72.9	5.39	6.3	SR12	9/16/2017 7:16	29.67	75.2	5.57	7.4	SR12	9/16/2017 13:16	30.46	73.1	5.35	5.1	SR12	9/16/2017 19:16	30.37	74.2	5.44	8.7
SR12	9/16/2017 1:21	29.84	73.5	5.43	5.9	SR12	9/16/2017 7:21	29.69	74.9	5.55	5.1	SR12	9/16/2017 13:21	30.24	73.1	5.34	6.7	SR12	9/16/2017 19:21	30.24	74.0	5.42	4.6
SR12	9/16/2017 1:26	29.80	72.6	5.37	6.7	SR12	9/16/2017 7:26	29.77	75.6	5.60	5.1	SR12	9/16/2017 13:26	30.37	73.5	5.37	7.3	SR12	9/16/2017 19:26	30.26	74.7	5.48	8.4
SR12	9/16/2017 1:31	29.81	73.4	5.44	5.3	SR12	9/16/2017 7:31	29.84	75.9	5.62	4.9	SR12	9/16/2017 13:31	30.69	72.3	5.29	6.0	SR12	9/16/2017 19:31	30.36	74.7	5.47	8.4
SR12	9/16/2017 1:36	29.95	72.8	5.39	5.3	SR12	9/16/2017 7:36	29.76	75.8	5.62	5.3	SR12	9/16/2017 13:36	30.69	73.0	5.33	4.9	SR12	9/16/2017 19:36	30.19	74.7	5.47	5.8
SR12	9/16/2017 1:41	29.72	72.2	5.35	7.4	SR12	9/16/2017 7:41	29.66	75.2	5.57	5.6	SR12	9/16/2017 13:41	30.75	72.5	5.30	5.7	SR12	9/16/2017 19:41	30.27	74.5	5.46	8.0
SR12	9/16/2017 1:46	29.86	72.3	5.35	7.0	SR12	9/16/2017 7:46	29.69	75.5	5.59	4.8	SR12	9/16/2017 13:46	30.67	72.2	5.28	5.9	SR12	9/16/2017 19:46	30.34	74.5	5.46	8.7
SR12	9/16/2017 1:51	29.87	75.0	5.55	6.3	SR12	9/16/2017 7:51	29.82	75.5	5.59	6.4	SR12	9/16/2017 13:51	30.63	72.4	5.29	3.9	SR12	9/16/2017 19:51	30.27	75.6	5.55	6.3
SR12	9/16/2017 1:56	29.86	72.7	5.38	5.6	SR12	9/16/2017 7:56	29.84	75.0	5.55	4.3	SR12	9/16/2017 13:56	30.68	73.7	5.39	5.9	SR12	9/16/2017 19:56	30.24	76.1	5.58	7.8
SR12	9/16/2017 2:01	29.95	72.8	5.38	5.1	SR12	9/16/2017 8:01	29.65	75.9	5.62	5.7	SR12	9/16/2017 14:01	30.52	73.0	5.34	7.9	SR12	9/16/2017 20:01	30.27	76.2	5.60	7.0
SR12	9/16/2017 2:06	30.04	72.5	5.37	5.0	SR12	9/16/2017 8:06	29.83	76.3	5.65	5.8	SR12	9/16/2017 14:06	30.72	73.3	5.36	5.4	SR12	9/16/2017 20:06	30.12	75.2	5.52	6.9
SR12	9/16/2017 2:11	29.86	72.9	5.40	5.2	SR12	9/16/2017 8:11	29.68	75.3	5.58	4.0	SR12	9/16/2017 14:11	30.70	73.3	5.35	5.0	SR12	9/16/2017 20:11	30.27	74.4	5.46	7.4
SR12	9/16/2017 2:16	29.92	72.4	5.36	7.1	SR12	9/16/2017 8:16	29.81	75.2	5.57	8.0	SR12	9/16/2017 14:16	30.62	73.2	5.34	8.0	SR12	9/16/2017 20:16	30.11	75.2	5.53	9.1
SR12	9/16/2017 2:21	29.86	73.0	5.40	6.3	SR12	9/16/2017 8:21	29.79	75.2	5.57	6.4	SR12	9/16/2017 14:21	30.62	73.1	5.34	7.3	SR12	9/16/2017 20:21	30.23	75.2	5.51	7.9
SR12	9/16/2017 2:26	29.84	73.1	5.41	7.7	SR12	9/16/2017 8:26	29.79	76.2	5.64	5.9	SR12	9/16/2017 14:26	30.71	74.3	5.43	4.8	SR12	9/16/2017 20:26	30.07	75.8	5.56	6.4
SR12	9/16/2017 2:31	29.89	73.1	5.41	4.6	SR12	9/16/2017 8:31	29.78	75.5	5.59	5.7	SR12	9/16/2017 14:31	30.82	73.5	5.37	5.7	SR12	9/16/2017 20:31	30.06	76.4	5.61	8.0
SR12	9/16/2017 2:36	29.80	72.8	5.39	7.8	SR12	9/16/2017 8:36	29.85	75.7	5.60	4.4	SR12	9/16/2017 14:36	30.85	73.9	5.39	6.7	SR12	9/16/2017 20:36	30.02	75.8	5.57	5.6
SR12	9/16/2017 2:41	29.93	73.7	5.46	5.3	SR12	9/16/2017 8:41	29.72	75.2	5.56	7.8	SR12	9/16/2017 14:41	30.78	72.9	5.31	6.0	SR12	9/16/2017 20:41	30.03	73.9	5.43	4.9
SR12	9/16/2017 2:46	29.90	73.8	5.46	5.5	SR12	9/16/2017 8:46	29.77	73.7	5.45	4.5	SR12	9/16/2017 14:46	30.89	74.1	5.39	6.8	SR12	9/16/2017 20:46	29.98	76.2	5.60	5.1
SR12	9/16/2017 2:51	29.93	73.3	5.43	6.1	SR12	9/16/2017 8:51	29.83	75.9	5.61	6.2	SR12	9/16/2017 14:51	30.78	73.6	5.35	6.1	SR12	9/16/2017 20:51	30.12	76.3	5.62	9.2
SR12	9/16/2017 2:56	29.69	73.5	5.45	6.2	SR12	9/16/2017 8:56	29.71	76.4	5.65	5.1	SR12	9/16/2017 14:56	30.65	72.9	5.31	5.1	SR12	9/16/2017 20:56	30.09	74.8	5.50	7.3
SR12	9/16/2017 3:01	29.91	73.3	5.43	6.2	SR12	9/16/2017 9:01	29.84	75.0	5.55	6.8	SR12	9/16/2017 15:01	30.78	73.6	5.36	5.6	SR12	9/16/2017 21:01	29.92	75.2	5.53	8.2
SR12	9/16/2017 3:06	29.93	73.5	5.45	5.2	SR12	9/16/2017 9:06	29.81	76.1	5.63	6.3	SR12	9/16/2017 15:06	30.80	72.5	5.27	3.4	SR12	9/16/2017 21:06	30.09	75.2	5.53	6.6
SR12	9/16/2017 3:11	29.94	74.0	5.49	5.4	SR12	9/16/2017 9:11	29.84	75.5	5.58	4.7	SR12	9/16/2017 15:11	30.82	73.1	5.32	7.6	SR12	9/16/2017 21:11	29.88	75.6	5.56	5.4
SR12	9/16/2017 3:16	29.91	74.2	5.50	6.7	SR12	9/16/2017 9:16	29.82	75.6	5.60	3.9	SR12	9/16/2017 15:16	30.66	72.7	5.29	6.9	SR12	9/16/2017 21:16	30.04	75.1	5.51	7.5
SR12	9/16/2017 3:21	29.82	73.7	5.47	6.8	SR12	9/16/2017 9:21	29.68	74.7	5.53	4.9	SR12	9/16/2017 15:21	30.64	73.3	5.33	6.2	SR12	9/16/2017 21:21	29.89	74.9	5.50	7.8
SR12	9/16/2017 3:26	29.77	73.8	5.47	5.2	SR12	9/16/2017 9:26	29.77	76.6	5.68	4.5	SR12	9/16/2017 15:26	30.68	72.1	5.25	3.2	SR12	9/16/2017 21:26	29.95	75.6	5.56	7.6
SR12	9/16/2017 3:31	29.85	74.5	5.53	3.6	SR12	9/16/2017 9:31	29.83	77.4	5.74	5.4	SR12	9/16/2017 15:31	30.75	72.9	5.31	5.8	SR12	9/16/2017 21:31	29.92	74.0	5.43	6.4
SR12	9/16/2017 3:36	29.89	74.0	5.49	5.1	SR12	9/16/2017 9:36	29.92	75.7	5.60	5.4	SR12	9/16/2017 15:36	30.84	71.8	5.23	6.0	SR12	9/16/2017 21:36	29.75	74.8	5.50	4.9
SR12	9/16/2017 3:41	29.77	73.5	5.46	7.0	SR12	9/16/2017 9:41	29.78	76.7	5.68	6.6	SR12	9/16/2017 15:41	30.77	73.0	5.30	6.9	SR12	9/16/2017 21:41	29.85	74.1	5.44	8.9
SR12	9/16/2017 3:46	29.64	73.8	5.48	4.7	SR12	9/16/2017 9:46	29.83	76.3	5.64	8.0	SR12	9/16/2017 15:46	30.71	72.2	5.24	8.1	SR12	9/16/2017 21:46	29.79	72.9	5.36	7.3
SR12	9/16/2017 3:51	29.66	74.6	5.54	6.3	SR12	9/16/2017 9:51	29.89	75.4	5.58	7.7	SR12	9/16/2017 15:51	30.72	72.6	5.27	3.7	SR12	9/16/2017 21:51	29.71	73.0	5.37	8.2
SR12	9/16/2017 3:56	29.76	74.8	5.55	4.2	SR12	9/16/2017 9:56	29.92	76.5	5.65	3.6	SR12	9/16/2017 15:56	30.73	72.1	5.23	4.6	SR12	9/16/2017 21:56	29.76	72.8	5.35	6.4
SR12	9/16/2017 4:01	29.81	74.2	5.51	6.5	SR12	9/16/2017 10:01	29.96	75.9	5.61	4.1	SR12	9/16/2017 16:01	30.83	72.3	5.25	7.9	SR12	9/16/2017 22:01	29.73	73.3	5.39	7.8
SR12	9/16/2017 4:06	29.66	74.0	5.49	6.0	SR12	9/16/2017 10:06	29.85	75.7	5.60	3.6	SR12	9/16/2017 16:06	30.75	72.0	5.22	4.5	SR12	9/16/2017 22:06	29.67	73.2	5.38	6.0
SR12	9/16/2017 4:11	29.74	74.5	5.53	5.3	SR12	9/16/2017 10:11	29.98	76.2	5.63	6.2	SR12	9/16/2017 16:11	30.88	71.6	5.20	5.4	SR12	9/16/2017 22:11	29.70	72.6	5.34	6.7
SR12	9/16/2017 4:16	29.75	75.1	5.57	6.0	SR12	9/16/2017 10:16	29.97	74.9	5.53	5.4	SR12	9/16/2017 16:16	30.69	73.9	5.37	3.4	SR12	9/16/2017 22:16	29.67	73.0	5.37	7.1
SR12	9/16/2017 4:21	29.59	74.4	5.52	6.3	SR12	9/16/2017 10:21	29.95	74.4	5.50	6.4	SR12	9/16/2017 16:21	30.83	72.8	5.28	4.9	SR12	9/16/2017 22:21	29.69	72.6	5.35	6.2
SR12	9/16/2017 4:26	29.69	75.6	5.61	5.2	SR12	9/16/2017 10:26	30.11	74.4	5.49	6.4	SR12	9/16/2017 16:26	30.65	72.8	5.29	6.4	SR12	9/16/2017 22:26	29.58	72.9	5.36	8.7
SR12	9/16/2017 4:31	29.75	75.5	5.61	7.3	SR12	9/16/2017 10:31	29.97	74.8	5.52	7.5	SR12	9/16/2017 16:31	30.69	71.7	5.22	3.5	SR12	9/16/2017 22:31	29.56	71.9	5.29	7.4
SR12	9/16/2017 4:36	29.62	75.2	5.59	7.0	SR12	9/16/2017 10:36	29.97	74.6	5.51	6.5	SR12	9/16/2017 16:36	30.67	72.2	5.25	6.2	SR12	9/16/2017 22:36	29.55	73.1	5.38	7.9
SR12	9/16/2017 4:41	29.78	74.7	5.55	5.7	SR12	9/16/2017 10:41	30.12	74.5	5.50	4.6	SR12	9/16/2017 16:41	30.72	72.2	5.25	3.7	SR12	9/16/2017 22:41	29.54	73.3	5.39	6.3
SR12	9/16/2017 4:46	29.77	74.8	5.55	4.2	SR12	9/16/2017 10:46	29.95	74.2	5.47	5.6	SR12	9/16/2017 16:46	30.73	72.1	5.24	6.9	SR12	9/16/2017 22:46	29.49	72.5	5.33	8.9
SR12	9/16/2017 4:51	30.01	74.8	5.55	5.8	SR12	9/16/2017 10:51	30.10	73.6	5.43	3.4	SR12	9/16/2017 16:51	30.79	72.2	5.26	4.7	SR12	9/16/2017 22:51	29.62	71.1	5.23	6.7
SR12	9/16/2017 4:56	29.86	74.3	5.51	5.1	SR12	9/16/2017 10:56	29.97	74.3	5.48	4.6	SR12	9/16/2017 16:56	30.70	72.9	5.31	4.3	SR12	9/16/2017 22:56	29.56	71.7	5.27	5.7
SR12	9/16/2017 5:01	29.86	74.0	5.49	6.0	SR12	9/16/2017 11:01	30.03	73.0	5.38	6.3	SR12	9/16/2017 17:01	30.84	73.0	5.31	4.8	SR12	9/16/2017 23:01	29.65	71.5	5.26	7.3
SR12	9/16/2017 5:06	29.93	75.1	5.56	6.0	SR12	9/16/2017 11:06	30.14	72.8	5.36	5.4	SR12	9/16/2017 17:06	30.73	73.1	5.33	7.8	SR12	9/16/2017 23:06	29.51	72.0	5.29	5.3
SR12	9/16/2017 5:11	29.83	74.5	5.52	7.3	SR12	9/16/2017 11:11	30.07	73.2	5.40	5.7	SR12	9/16/2017 17:11	30.68	72.8	5.31	8.3	SR12	9/16/2017 23:11	29.64	71.4	5.25	6.7
SR12	9/16/2017 5:16	29.87	74.4	5.51	5.8	SR12	9/16/2017 11:16	30.00	72.6	5.35	6.7	SR12	9/16/2017 17:16	30.69	72.7	5.31	4.0	SR12	9/16/2017 23:16	29.72	71.4	5.25	6.0
SR12	9/16/2017 5:21	29.87	74.7	5.53	5.0	SR12	9/16/2017 11:21	30.11	72.7	5.35	3.8	SR12	9/16/2017 17:21	30.75	74.4	5.43	5.2	SR12	9/16/2017 23:21	29.77	72.5	5.33	7.6
SR12	9/16/2017 5:26	29.80	74.5	5.52	4.1	SR12	9/16/2017 11:26	30.09	73.9	5.45	5.2	SR12	9/16/2017 17:26	30.50	74.4	5.42	8.4	SR12	9/16/2017 23:26	29.55	72.4	5.32	7.0
SR12	9/16/2017 5:31	29.94	75.2	5.58	6.2	SR12	9/16/2017 11:31	30.12	72.4	5.33	8.1	SR12	9/16/2017 17:31	30.50	74.6	5.44	5.5	SR12	9/16/2017 23:31	29.64	71.4	5.25	7.3
SR12	9/16/2017 5:36	29.84	75.7	5.61	6.0	SR12	9/16/2017 11:36	30.01	73.3	5.40	4.3	SR12	9/16/2017 17:36	30.57	74.6	5.45	5.3	SR12	9/16/2017 23:36	29.84	71.5	5.26	4.0
SR12	9/16/2017 5:41	29.73	74.7	5.54	4.5	SR12	9/16/2017 11:41	29.98	73.3	5.40	6.0	SR12	9/16/2017 17:41	30.60	74.7	5.46	7.4	SR12	9/16/2017 23:41	29.83	71.7	5.27	7.7
SR12	9/16/2017 5:46	29.76	75.3	5.58	5.9	SR12	9/16/2017 11:46	29.99	74.2	5.46	7.6	SR12	9/16/2017 17:46	30.60	73.9	5.40	3.6	SR12	9/16/2017 23:46	29.72	70.7	5.20	5.3
SR12	9/16/2017 5:51	29.70	75.3	5.58	6.0	SR12	9/16/2017 11:51	30.15	74.0	5.44	7.1	SR12	9/16/2017 17:51	30.64	74.4	5.43	6.1	SR12	9/16/2017 23:51	29.73	70.9	5.21	5.9
SR12	9/16/2017 5:56	29.78	75.8	5.61	6.1	SR12	9/16/2017 11:56	30.00	73.7	5.42	5.8	SR12	9/16/2017 17:56	30.56	73.7	5.39	4.4	SR12	9/16/2017 23:56	29.57	70.7	5.20	9.8

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR13	9/16/2017 0:00	29.74	67.9	4.94	6.9	SR13	9/16/2017 6:00	29.22	70.9	5.16	6.9	SR13	9/16/2017 12:00	30.34	69.3	5.02	6.7	SR13	9/16/2017 18:00	30.56	70.3	5.08	6.8
SR13	9/16/2017 0:05	29.71	68.2	4.96	6.2	SR13	9/16/2017 6:05	29.24	69.8	5.09	8.1	SR13	9/16/2017 12:05	30.28	69.2	5.02	7.2	SR13	9/16/2017 18:05	30.48	69.8	5.04	7.3
SR13	9/16/2017 0:10	29.68	68.6	4.99	5.9	SR13	9/16/2017 6:10	29.25	69.5	5.07	7.6	SR13	9/16/2017 12:10	30.26	69.2	5.02	8.2	SR13	9/16/2017 18:10	30.46	68.0	4.92	7.6
SR13	9/16/2017 0:15	29.70	68.2	4.96	6.1	SR13	9/16/2017 6:15	29.26	71.0	5.17	7.0	SR13	9/16/2017 12:15	30.23	67.8	4.91	7.1	SR13	9/16/2017 18:15	30.45	69.9	5.05	8.0
SR13	9/16/2017 0:20	29.70	68.4	4.98	5.7	SR13	9/16/2017 6:20	29.26	70.7	5.15	7.2	SR13	9/16/2017 12:20	30.36	68.0	4.93	7.6	SR13	9/16/2017 18:20	30.47	70.3	5.08	8.1
SR13	9/16/2017 0:25	29.67	67.5	4.91	5.9	SR13	9/16/2017 6:25	29.25	70.5	5.14	8.5	SR13	9/16/2017 12:25	30.15	67.3	4.88	7.2	SR13	9/16/2017 18:25	30.48	69.1	5.00	6.5
SR13	9/16/2017 0:30	29.66	67.6	4.91	6.6	SR13	9/16/2017 6:30	29.22	70.7	5.15	7.0	SR13	9/16/2017 12:30	30.15	67.8	4.92	7.8	SR13	9/16/2017 18:30	30.47	69.4	5.02	6.8
SR13	9/16/2017 0:35	29.64	67.2	4.89	6.7	SR13	9/16/2017 6:35	29.23	70.7	5.15	7.3	SR13	9/16/2017 12:35	30.44	67.8	4.92	7.9	SR13	9/16/2017 18:35	30.45	69.4	5.02	6.6
SR13	9/16/2017 0:40	29.63	67.3	4.89	5.8	SR13	9/16/2017 6:40	29.24	71.0	5.17	8.6	SR13	9/16/2017 12:40	30.31	67.8	4.92	7.3	SR13	9/16/2017 18:40	30.47	69.4	5.02	7.4
SR13	9/16/2017 0:45	29.58	67.7	4.93	5.8	SR13	9/16/2017 6:45	29.26	70.4	5.13	8.4	SR13	9/16/2017 12:45	30.45	67.9	4.92	7.4	SR13	9/16/2017 18:45	30.48	68.9	4.99	7.0
SR13	9/16/2017 0:50	29.51	68.2	4.96	6.0	SR13	9/16/2017 6:50	29.27	70.3	5.12	7.9	SR13	9/16/2017 12:50	30.49	68.5	4.96	7.8	SR13	9/16/2017 18:50	30.45	68.8	4.97	7.6
SR13	9/16/2017 0:55	29.51	68.6	4.99	6.2	SR13	9/16/2017 6:55	29.26	70.3	5.13	7.4	SR13	9/16/2017 12:55	30.31	68.3	4.94	7.6	SR13	9/16/2017 18:55	30.40	68.9	4.99	7.6
SR13	9/16/2017 1:00	29.54	69.3	5.04	6.3	SR13	9/16/2017 7:00	29.26	71.4	5.20	8.0	SR13	9/16/2017 13:00	30.67	68.6	4.97	7.9	SR13	9/16/2017 19:00	30.39	69.2	5.01	8.0
SR13	9/16/2017 1:05	29.53	68.8	5.01	6.6	SR13	9/16/2017 7:05	29.28	70.5	5.14	8.2	SR13	9/16/2017 13:05	30.20	68.4	4.95	7.8	SR13	9/16/2017 19:05	30.36	68.6	4.97	7.7
SR13	9/16/2017 1:10	29.55	69.6	5.06	7.1	SR13	9/16/2017 7:10	29.29	70.6	5.15	6.3	SR13	9/16/2017 13:10	30.71	67.6	4.90	7.2	SR13	9/16/2017 19:10	30.35	69.0	4.99	6.8
SR13	9/16/2017 1:15	29.58	69.2	5.03	6.3	SR13	9/16/2017 7:15	29.27	70.4	5.13	7.2	SR13	9/16/2017 13:15	30.53	68.7	4.97	6.9	SR13	9/16/2017 19:15	30.33	69.8	5.06	7.0
SR13	9/16/2017 1:20	29.59	68.7	5.00	7.2	SR13	9/16/2017 7:20	29.27	70.8	5.16	8.7	SR13	9/16/2017 13:20	30.31	67.9	4.91	7.4	SR13	9/16/2017 19:20	30.33	69.9	5.06	6.0
SR13	9/16/2017 1:25	29.58	68.4	4.98	6.9	SR13	9/16/2017 7:25	29.31	71.2	5.19	7.9	SR13	9/16/2017 13:25	30.41	68.3	4.94	7.0	SR13	9/16/2017 19:25	30.32	70.7	5.12	7.1
SR13	9/16/2017 1:30	29.56	68.7	5.01	6.7	SR13	9/16/2017 7:30	29.28	71.4	5.20	8.8	SR13	9/16/2017 13:30	30.44	68.0	4.92	7.4	SR13	9/16/2017 19:30	30.31	70.4	5.10	7.5
SR13	9/16/2017 1:35	29.41	69.1	5.03	6.8	SR13	9/16/2017 7:35	29.28	71.2	5.19	7.3	SR13	9/16/2017 13:35	30.60	67.9	4.91	7.7	SR13	9/16/2017 19:35	30.30	70.3	5.09	7.5
SR13	9/16/2017 1:40	29.46	69.0	5.02	6.4	SR13	9/16/2017 7:40	29.28	70.5	5.13	7.2	SR13	9/16/2017 13:40	30.62	67.8	4.91	8.1	SR13	9/16/2017 19:40	30.27	70.5	5.11	7.5
SR13	9/16/2017 1:45	29.46	68.3	4.97	6.7	SR13	9/16/2017 7:45	29.27	70.5	5.14	7.7	SR13	9/16/2017 13:45	30.68	67.6	4.89	7.3	SR13	9/16/2017 19:45	30.26	70.2	5.09	7.4
SR13	9/16/2017 1:50	29.49	69.4	5.06	8.4	SR13	9/16/2017 7:50	29.28	71.0	5.17	7.4	SR13	9/16/2017 13:50	30.67	68.2	4.93	7.5	SR13	9/16/2017 19:50	30.24	70.4	5.11	6.6
SR13	9/16/2017 1:55	29.50	69.3	5.04	7.4	SR13	9/16/2017 7:55	29.28	70.3	5.12	8.1	SR13	9/16/2017 13:55	30.97	68.2	4.93	7.1	SR13	9/16/2017 19:55	30.20	71.4	5.17	6.9
SR13	9/16/2017 2:00	29.48	68.8	5.01	7.4	SR13	9/16/2017 8:00	29.28	70.7	5.15	11.6	SR13	9/16/2017 14:00	30.66	67.7	4.90	7.5	SR13	9/16/2017 20:00	30.21	71.2	5.16	8.3
SR13	9/16/2017 2:05	29.51	68.9	5.02	6.2	SR13	9/16/2017 8:05	29.30	70.8	5.16	8.3	SR13	9/16/2017 14:05	30.80	68.3	4.94	7.6	SR13	9/16/2017 20:05	30.20	71.2	5.16	6.4
SR13	9/16/2017 2:10	29.55	69.2	5.04	6.8	SR13	9/16/2017 8:10	29.31	71.1	5.18	8.0	SR13	9/16/2017 14:10	30.74	68.1	4.92	7.3	SR13	9/16/2017 20:10	30.19	70.7	5.12	6.3
SR13	9/16/2017 2:15	29.56	68.1	4.96	6.7	SR13	9/16/2017 8:15	29.32	70.6	5.14	7.9	SR13	9/16/2017 14:15	30.59	69.0	4.98	7.6	SR13	9/16/2017 20:15	30.18	70.5	5.11	7.3
SR13	9/16/2017 2:20	29.56	68.9	5.01	6.5	SR13	9/16/2017 8:20	29.32	69.7	5.08	7.3	SR13	9/16/2017 14:20	30.47	68.0	4.92	8.0	SR13	9/16/2017 20:20	30.16	70.9	5.14	7.6
SR13	9/16/2017 2:25	29.57	68.8	5.01	6.5	SR13	9/16/2017 8:25	29.33	69.8	5.09	8.2	SR13	9/16/2017 14:25	30.71	68.8	4.98	8.0	SR13	9/16/2017 20:25	30.16	71.1	5.15	7.0
SR13	9/16/2017 2:30	29.60	69.1	5.03	6.4	SR13	9/16/2017 8:30	29.34	69.6	5.07	7.5	SR13	9/16/2017 14:30	30.61	69.0	4.99	7.9	SR13	9/16/2017 20:30	30.14	71.5	5.19	5.5
SR13	9/16/2017 2:35	29.60	68.8	5.01	6.6	SR13	9/16/2017 8:35	29.34	69.5	5.06	8.4	SR13	9/16/2017 14:35	30.76	69.0	4.99	7.3	SR13	9/16/2017 20:35	30.10	71.5	5.18	6.0
SR13	9/16/2017 2:40	29.59	69.6	5.07	6.2	SR13	9/16/2017 8:40	29.37	70.2	5.11	7.3	SR13	9/16/2017 14:40	30.84	69.0	4.98	6.7	SR13	9/16/2017 20:40	30.03	70.6	5.12	6.0
SR13	9/16/2017 2:45	29.59	69.1	5.03	6.9	SR13	9/16/2017 8:45	29.39	69.1	5.03	8.7	SR13	9/16/2017 14:45	30.84	69.4	5.01	7.9	SR13	9/16/2017 20:45	30.03	70.9	5.14	5.8
SR13	9/16/2017 2:50	29.56	68.8	5.01	6.2	SR13	9/16/2017 8:50	29.42	70.7	5.14	6.9	SR13	9/16/2017 14:50	30.78	68.5	4.94	7.5	SR13	9/16/2017 20:50	30.05	71.6	5.20	5.6
SR13	9/16/2017 2:55	29.54	68.6	5.00	7.0	SR13	9/16/2017 8:55	29.42	70.4	5.13	8.6	SR13	9/16/2017 14:55	30.82	68.6	4.95	7.7	SR13	9/16/2017 20:55	30.05	70.2	5.09	5.7
SR13	9/16/2017 3:00	29.53	69.4	5.05	6.5	SR13	9/16/2017 9:00	29.43	70.3	5.12	8.9	SR13	9/16/2017 15:00	30.92	69.2	5.00	6.9	SR13	9/16/2017 21:00	30.05	70.5	5.12	6.3
SR13	9/16/2017 3:05	29.53	69.6	5.07	6.4	SR13	9/16/2017 9:05	29.45	69.8	5.08	8.9	SR13	9/16/2017 15:05	30.89	68.1	4.91	7.3	SR13	9/16/2017 21:05	30.01	70.8	5.14	6.3
SR13	9/16/2017 3:10	29.53	69.1	5.04	7.0	SR13	9/16/2017 9:10	29.43	69.5	5.06	8.3	SR13	9/16/2017 15:10	30.72	69.0	4.98	7.1	SR13	9/16/2017 21:10	30.01	70.9	5.15	6.7
SR13	9/16/2017 3:15	29.52	69.8	5.09	6.3	SR13	9/16/2017 9:15	29.43	70.0	5.10	7.9	SR13	9/16/2017 15:15	30.88	67.7	4.89	7.6	SR13	9/16/2017 21:15	29.97	71.0	5.14	4.8
SR13	9/16/2017 3:20	29.53	69.4	5.06	6.2	SR13	9/16/2017 9:20	29.42	68.9	5.02	8.1	SR13	9/16/2017 15:20	30.87	68.9	4.97	6.8	SR13	9/16/2017 21:20	29.93	70.9	5.14	6.6
SR13	9/16/2017 3:25	29.53	69.2	5.04	6.0	SR13	9/16/2017 9:25	29.43	70.2	5.12	7.8	SR13	9/16/2017 15:25	30.88	68.6	4.95	7.7	SR13	9/16/2017 21:25	29.96	70.5	5.12	5.7
SR13	9/16/2017 3:30	29.50	70.2	5.12	6.8	SR13	9/16/2017 9:30	29.42	71.3	5.20	8.2	SR13	9/16/2017 15:30	30.83	67.9	4.90	7.9	SR13	9/16/2017 21:30	29.95	69.6	5.05	5.7
SR13	9/16/2017 3:35	29.47	69.9	5.10	6.9	SR13	9/16/2017 9:35	29.41	69.6	5.07	7.6	SR13	9/16/2017 15:35	30.79	68.0	4.91	7.8	SR13	9/16/2017 21:35	29.88	70.1	5.09	7.3
SR13	9/16/2017 3:40	29.49	68.8	5.02	6.8	SR13	9/16/2017 9:40	29.36	70.9	5.16	8.5	SR13	9/16/2017 15:40	30.79	68.9	4.96	7.2	SR13	9/16/2017 21:40	29.88	69.9	5.07	5.7
SR13	9/16/2017 3:45	29.45	68.8	5.02	6.4	SR13	9/16/2017 9:45	29.49	70.7	5.14	8.0	SR13	9/16/2017 15:45	30.78	67.8	4.89	7.9	SR13	9/16/2017 21:45	29.90	69.7	5.05	6.7
SR13	9/16/2017 3:50	29.42	69.6	5.08	6.3	SR13	9/16/2017 9:50	29.50	69.3	5.05	8.2	SR13	9/16/2017 15:50	30.75	68.2	4.92	7.1	SR13	9/16/2017 21:50	29.90	70.1	5.08	7.3
SR13	9/16/2017 3:55	29.41	70.3	5.12	7.9	SR13	9/16/2017 9:55	29.52	70.9	5.16	8.0	SR13	9/16/2017 15:55	30.79	67.7	4.88	7.3	SR13	9/16/2017 21:55	29.87	69.3	5.02	6.5
SR13	9/16/2017 4:00	29.43	69.8	5.09	8.9	SR13	9/16/2017 10:00	29.64	70.9	5.16	8.1	SR13	9/16/2017 16:00	30.77	68.7	4.95	7.3	SR13	9/16/2017 22:00	29.83	70.3	5.10	5.6
SR13	9/16/2017 4:05	29.45	69.2	5.04	8.9	SR13	9/16/2017 10:05	29.73	69.9	5.09	8.3	SR13	9/16/2017 16:05	30.79	67.2	4.84	7.4	SR13	9/16/2017 22:05	29.77	69.7	5.05	5.9
SR13	9/16/2017 4:10	29.45	69.6	5.08	8.4	SR13	9/16/2017 10:10	29.80	70.7	5.14	9.1	SR13	9/16/2017 16:10	30.73	68.1	4.91	7.3	SR13	9/16/2017 22:10	29.74	69.3	5.03	5.7
SR13	9/16/2017 4:15	29.40	69.8	5.09	7.9	SR13	9/16/2017 10:15	29.78	70.2	5.11	7.8	SR13	9/16/2017 16:15	30.71	68.5	4.94	7.6	SR13	9/16/2017 22:15	29.75	69.4	5.04	5.6
SR13	9/16/2017 4:20	29.43	69.4	5.06	8.2	SR13	9/16/2017 10:20	29.90	68.8	5.01	8.4	SR13	9/16/2017 16:20	30.71	68.8	4.96	8.1	SR13	9/16/2017 22:20	29.73	69.6	5.06	5.8
SR13	9/16/2017 4:25	29.40	70.6	5.15	7.3	SR13	9/16/2017 10:25	29.88	69.1	5.03	7.4	SR13	9/16/2017 16:25	30.72	68.3	4.93	7.1	SR13	9/16/2017 22:25	29.70	69.4	5.04	6.1
SR13	9/16/2017 4:30	29.36	70.6	5.15	6.6	SR13	9/16/2017 10:30	30.03	70.3	5.11	7.8	SR13	9/16/2017 16:30	30.72	67.2	4.85	7.4	SR13	9/16/2017 22:30	29.68	69.3	5.03	7.1
SR13	9/16/2017 4:35	29.32	70.2	5.12	7.0	SR13	9/16/2017 10:35	30.02	69.2	5.04	7.6	SR13	9/16/2017 16:35	30.72	68.0	4.90	7.2	SR13	9/16/2017 22:35	29.64	69.4	5.04	6.0
SR13	9/16/2017 4:40	29.34	71.0	5.18	8.2	SR13	9/16/2017 10:40	30.00	69.3	5.04	8.3	SR13	9/16/2017 16:40	30.75	68.4	4.93	6.3	SR13	9/16/2017 22:40	29.61	69.9	5.07	6.0
SR13	9/16/2017 4:45	29.36	69.9	5.10	7.6	SR13	9/16/2017 10:45	30.12	68.8	5.00	9.0	SR13	9/16/2017 16:45	30.74	67.8	4.89	8.1	SR13	9/16/2017 22:45	29.59	69.0	5.00	6.2
SR13	9/16/2017 4:50	29.38	69.8	5.09	7.1	SR13	9/16/2017 10:50	30.05	68.8	5.00	7.9	SR13	9/16/2017 16:50	30.71	67.3	4.86	7.6	SR13	9/16/2017 22:50	29.57	68.3	4.96	6.1
SR13	9/16/2017 4:55	29.36	69.4	5.06	7.3	SR13	9/16/2017 10:55	30.12	69.2	5.03	8.2	SR13	9/16/2017 16:55	30.69	69.0	4.98	7.1	SR13	9/16/2017 22:55	29.56	69.5	5.04	6.0
SR13	9/16/2017 5:00	29.35	69.2	5.05	8.9	SR13	9/16/2017 11:00	30.18	68.9	5.00	7.4	SR13	9/16/2017 17:00	30.67	68.2	4.92	6.8	SR13	9/16/2017 23:00	29.54	69.6	5.05	6.3
SR13	9/16/2017 5:05	29.33	70.5	5.14	7.6	SR13	9/16/2017 11:05	30.17	68.5	4.97	8.2	SR13	9/16/2017 17:05	30.64	69.0	4.98	6.8	SR13	9/16/2017 23:05	29.53	69.7	5.05	6.5
SR13	9/16/2017 5:10	29.31	70.8	5.16	8.4	SR13	9/16/2017 11:10	30.09	69.1	5.02	7.0	SR13	9/16/2017 17:10	30.63	67.8	4.90	8.1	SR13	9/16/2017 23:10	29.49	70.2	5.09	7.1
SR13	9/16/2017 5:15	29.31	70.8	5.16	6.9	SR13	9/16/2017 11:15	30.27	68.2	4.96	7.6	SR13	9/16/2017 17:15	30.65	68.0	4.92	6.9	SR13	9/16/2017 23:15	29.49	69.0	5.00	6.0
SR13	9/16/2017 5:20	29.31	69.9	5.09	7.7	SR13	9/16/2017 11:20	30.25	68.5	4.97	7.6	SR13	9/16/2017 17:20	30.65	69.1	5.00	7.5	SR13	9/16/2017 23:20	29.50	69.9	5.07	6.8
SR13	9/16/2017 5:25	29.30	70.8	5.16	8.6	SR13	9/16/2017 11:25	30.40	69.8	5.07	7.7	SR13	9/16/2017 17:25	30.63	69.2	5.00	7.1	SR13	9/16/2017 23:25	29.51	69.9	5.07	6.5
SR13	9/16/2017 5:30	29.26	69.8	5.09	7.2	SR13	9/16/2017 11:30	30.50	67.8	4.92	7.4	SR13	9/16/2017 17:30	30.64	69.7	5.03	7.5	SR13	9/16/2017 23:30	29.51	69.3	5.03	6.5
SR13	9/16/2017 5:35	29.27	71.5	5.21	8.2	SR13	9/16/2017 11:35	30.49	68.2	4.96	7.3	SR13	9/16/2017 17:35	30.64	69.4	5.02	7.4	SR13	9/16/2017 23:35	29.50	69.9	5.07	5.0
SR13	9/16/2017 5:40	29.27	70.1	5.11	8.2	SR13	9/16/2017 11:40	30.48	68.9	5.00	7.6	SR13	9/16/2017 17:40	30.68	68.9	4.99	6.4	SR13	9/16/2017 23:40	29.53	70.0	5.08	7.4
SR13	9/16/2017 5:45	29.22	70.1	5.11	8.6	SR13	9/16/2017 11:45	30.50	69.4	5.04	7.8	SR13	9/16/2017 17:45	30.68	68.8	4.98	6.8	SR13	9/16/2017 23:45	29.69	68.8	4.99	6.8
SR13	9/16/2017 5:50	29.21	70.5	5.14	7.9	SR13	9/16/2017 11:50	30.42	69.7	5.06	7.8	SR13	9/16/2017 17:50	30.69	68.7	4.97	6.7	SR13	9/16/2017 23:50	29.71	69.2	5.02	7.2
SR13	9/16/2017 5:55	29.22	71.5	5.21	8.6	SR13	9/16/2017 11:55	30.43	68.9	5.00	7.5	SR13	9/16/2017 17:55	30.64	68.6	4.96	6.9	SR13	9/16/2017 23:55	29.72	69.1	5.01	6.1

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	9/16/2017 0:17	0.10				SR12	9/16/2017 0:17	0.04			
SR4	9/16/2017 0:37	0.11				SR12	9/16/2017 0:37	0.04			
SR4	9/16/2017 0:57	0.10				SR12	9/16/2017 0:57	0.04			
SR4	9/16/2017 1:17	0.09				SR12	9/16/2017 1:17	0.03			
SR4	9/16/2017 1:37	0.08				SR12	9/16/2017 1:37	0.03			
SR4	9/16/2017 1:57	0.11				SR12	9/16/2017 1:57	0.03			
SR4	9/16/2017 2:17	0.10				SR12	9/16/2017 2:17	0.02			
SR4	9/16/2017 2:37	0.11				SR12	9/16/2017 2:37	0.03			
SR4	9/16/2017 2:57	0.10				SR12	9/16/2017 2:57	0.03			
SR4	9/16/2017 3:17	0.11				SR12	9/16/2017 3:17	0.02			
SR4	9/16/2017 3:37	0.10				SR12	9/16/2017 3:37	0.04			
SR4	9/16/2017 3:57	0.09				SR12	9/16/2017 3:57	0.04			
SR4	9/16/2017 4:17	0.08				SR12	9/16/2017 4:17	0.05			
SR4	9/16/2017 4:37	0.10				SR12	9/16/2017 4:37	0.05			
SR4	9/16/2017 4:57	0.12				SR12	9/16/2017 4:57	0.04			
SR4	9/16/2017 5:17	0.13				SR12	9/16/2017 5:17	0.04			
SR4	9/16/2017 5:37	0.10				SR12	9/16/2017 5:37	0.03			
SR4	9/16/2017 5:57	0.09				SR12	9/16/2017 5:57	0.03			
SR4						SR12					
SR4	9/16/2017 6:37	0.10				SR12	9/16/2017 6:37	0.03			
SR4	9/16/2017 6:57	0.12				SR12	9/16/2017 6:57	0.04			
SR4	9/16/2017 7:17	0.11				SR12	9/16/2017 7:17	0.04			
SR4	9/16/2017 7:37	0.10				SR12	9/16/2017 7:37	0.04			
SR4	9/16/2017 7:57	0.11				SR12	9/16/2017 7:57	0.05			
SR4	9/16/2017 8:17	0.13				SR12	9/16/2017 8:17	0.05			
SR4	9/16/2017 8:37	0.12				SR12	9/16/2017 8:37	0.03			
SR4	9/16/2017 8:57	0.11				SR12	9/16/2017 8:57	0.02			
SR4	9/16/2017 9:17	0.11				SR12	9/16/2017 9:17	0.03			
SR4	9/16/2017 9:37	0.09				SR12	9/16/2017 9:37	0.02			
SR4	9/16/2017 9:57	0.08				SR12	9/16/2017 9:57	0.02			
SR4	9/16/2017 10:17	0.09				SR12	9/16/2017 10:17	0.02			
SR4	9/16/2017 10:37	0.09				SR12	9/16/2017 10:37	0.03			
SR4	9/16/2017 10:57	0.11				SR12	9/16/2017 10:57	0.03			
SR4	9/16/2017 11:17	0.11				SR12	9/16/2017 11:17	0.03			
SR4	9/16/2017 11:37	0.11				SR12	9/16/2017 11:37	0.03			
SR4	9/16/2017 11:57	0.09				SR12	9/16/2017 11:57	0.03			
SR4	9/16/2017 12:17	0.09				SR12	9/16/2017 12:17	0.03			
SR4	9/16/2017 12:37	0.11				SR12	9/16/2017 12:37	0.04			
SR4	9/16/2017 12:57	0.10				SR12	9/16/2017 12:57	0.03			
SR4	9/16/2017 13:17	0.10				SR12	9/16/2017 13:17	0.02			
SR4	9/16/2017 13:37	0.11				SR12	9/16/2017 13:37	0.04			
SR4	9/16/2017 13:57	0.10				SR12	9/16/2017 13:57	0.04			
SR4	9/16/2017 14:17	0.12				SR12	9/16/2017 14:17	0.04			
SR4	9/16/2017 14:37	0.13				SR12	9/16/2017 14:37	0.04			
SR4	9/16/2017 14:57	0.12				SR12	9/16/2017 14:57	0.05			
SR4	9/16/2017 15:17	0.11				SR12	9/16/2017 15:17	0.03			
SR4	9/16/2017 15:37	0.10				SR12	9/16/2017 15:37	0.03			
SR4	9/16/2017 15:57	0.09				SR12	9/16/2017 15:57	0.03			
SR4	9/16/2017 16:17	0.10				SR12	9/16/2017 16:17	0.04			
SR4	9/16/2017 16:37	0.10				SR12	9/16/2017 16:37	0.04			
SR4	9/16/2017 16:57	0.12				SR12	9/16/2017 16:57	0.03			
SR4	9/16/2017 17:17	0.11				SR12	9/16/2017 17:17	0.02			
SR4	9/16/2017 17:37	0.12				SR12	9/16/2017 17:37	0.02			
SR4	9/16/2017 17:57	0.13				SR12	9/16/2017 17:57	0.02			
SR4	9/16/2017 18:17	0.10				SR12	9/16/2017 18:17	0.02			
SR4	9/16/2017 18:37	0.11				SR12	9/16/2017 18:37	0.03			
SR4	9/16/2017 18:57	0.10				SR12	9/16/2017 18:57	0.02			
SR4	9/16/2017 19:17	0.10				SR12	9/16/2017 19:17	0.04			
SR4	9/16/2017 19:37	0.11				SR12	9/16/2017 19:37	0.05			
SR4	9/16/2017 19:57	0.11				SR12	9/16/2017 19:57	0.05			
SR4	9/16/2017 20:17	0.10				SR12	9/16/2017 20:17	0.05			
SR4	9/16/2017 20:37	0.12				SR12	9/16/2017 20:37	0.05			
SR4	9/16/2017 20:57	0.10				SR12	9/16/2017 20:57	0.04			
SR4	9/16/2017 21:17	0.10				SR12	9/16/2017 21:17	0.04			
SR4	9/16/2017 21:37	0.12				SR12	9/16/2017 21:37	0.03			
SR4	9/16/2017 21:57	0.11				SR12	9/16/2017 21:57	0.04			
SR4	9/16/2017 22:17	0.09				SR12	9/16/2017 22:17	0.03			
SR4	9/16/2017 22:37	0.10				SR12	9/16/2017 22:37	0.04			
SR4	9/16/2017 22:57	0.10				SR12	9/16/2017 22:57	0.03			
SR4	9/16/2017 23:17	0.11				SR12	9/16/2017 23:17	0.02			
SR4	9/16/2017 23:37	0.10				SR12	9/16/2017 23:37	0.03			
SR4	9/16/2017 23:57	0.09				SR12	9/16/2017 23:57	0.03			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR4	9/17/2017 0:01	29.69	70.6	5.34	4.2	SR4	9/17/2017 6:01	29.43	84.6	6.44	3.4	SR4	9/17/2017 12:01	30.45	78.3	5.83	4.6	SR4	9/17/2017 18:01	30.69	80.9	6.01	6.9
SR4	9/17/2017 0:06	29.55	71.5	5.41	6.2	SR4	9/17/2017 6:06	29.55	85.3	6.49	8.3	SR4	9/17/2017 12:06	30.43	79.1	5.89	9.4	SR4	9/17/2017 18:06	30.61	80.9	6.01	4.7
SR4	9/17/2017 0:11	29.82	70.1	5.29	7.7	SR4	9/17/2017 6:11	29.49	85.7	6.53	4.9	SR4	9/17/2017 12:11	30.45	78.5	5.85	6.7	SR4	9/17/2017 18:11	30.77	79.6	5.92	7.2
SR4	9/17/2017 0:16	29.83	70.4	5.31	2.8	SR4	9/17/2017 6:16	29.55	87.4	6.67	2.9	SR4	9/17/2017 12:16	30.44	79.6	5.93	2.9	SR4	9/17/2017 18:16	30.53	79.0	5.88	7.6
SR4	9/17/2017 0:21	29.89	68.8	5.19	9.5	SR4	9/17/2017 6:21	29.51	87.3	6.67	8.1	SR4	9/17/2017 12:21	30.52	84.4	6.28	2.2	SR4	9/17/2017 18:21	30.78	79.6	5.92	7.6
SR4	9/17/2017 0:26	29.78	70.5	5.32	5.4	SR4	9/17/2017 6:26	29.59	86.7	6.62	**11.9**	SR4	9/17/2017 12:26	30.54	80.4	5.98	6.0	SR4	9/17/2017 18:26	30.56	78.6	5.86	6.0
SR4	9/17/2017 0:31	29.83	69.7	5.26	3.9	SR4	9/17/2017 6:31	29.52	86.6	6.61	9.7	SR4	9/17/2017 12:31	30.41	82.6	6.14	6.0	SR4	9/17/2017 18:31	30.69	78.8	5.87	4.8
SR4	9/17/2017 0:36	29.75	70.8	5.34	**10.5**	SR4	9/17/2017 6:36	29.42	86.0	6.56	9.1	SR4	9/17/2017 12:36	30.58	84.7	6.30	3.5	SR4	9/17/2017 18:36	30.70	81.6	6.08	5.4
SR4	9/17/2017 0:41	29.66	70.6	5.32	9.3	SR4	9/17/2017 6:41	29.50	84.6	6.45	**10.1**	SR4	9/17/2017 12:41	30.61	88.7	6.60	3.8	SR4	9/17/2017 18:41	30.72	80.9	6.03	8.3
SR4	9/17/2017 0:46	29.71	71.6	5.40	**11.9**	SR4	9/17/2017 6:46	29.41	84.2	6.42	5.0	SR4	9/17/2017 12:46	30.52	78.0	5.80	9.9	SR4	9/17/2017 18:46	30.68	77.6	5.79	7.3
SR4	9/17/2017 0:51	29.81	70.7	5.33	3.6	SR4	9/17/2017 6:51	29.48	83.5	6.36	**10.6**	SR4	9/17/2017 12:51	30.50	79.9	5.94	5.1	SR4	9/17/2017 18:51	30.72	78.8	5.88	7.5
SR4	9/17/2017 0:56	29.80	70.2	5.29	4.3	SR4	9/17/2017 6:56	29.48	85.3	6.51	6.0	SR4	9/17/2017 12:56	30.61	78.0	5.80	2.7	SR4	9/17/2017 18:56	30.59	80.3	5.99	6.5
SR4	9/17/2017 1:01	29.76	72.4	5.46	2.3	SR4	9/17/2017 7:01	29.57	84.2	6.42	4.0	SR4	9/17/2017 13:01	30.67	82.9	6.17	9.4	SR4	9/17/2017 19:01	30.67	80.1	5.97	6.4
SR4	9/17/2017 1:06	29.81	72.7	5.49	**11.8**	SR4	9/17/2017 7:06	29.55	83.7	6.38	6.6	SR4	9/17/2017 13:06	30.57	79.1	5.89	5.4	SR4	9/17/2017 19:06	30.66	80.7	6.02	5.7
SR4	9/17/2017 1:11	29.64	71.4	5.39	**10.2**	SR4	9/17/2017 7:11	29.44	84.8	6.48	**12.0**	SR4	9/17/2017 13:11	30.48	78.8	5.86	8.1	SR4	9/17/2017 19:11	30.63	80.1	5.98	6.0
SR4	9/17/2017 1:16	29.70	73.2	5.53	**17.1**	SR4	9/17/2017 7:16	29.46	83.5	6.37	3.2	SR4	9/17/2017 13:16	30.49	80.0	5.95	2.2	SR4	9/17/2017 19:16	30.55	80.1	5.97	7.4
SR4	9/17/2017 1:21	29.78	72.9	5.51	5.0	SR4	9/17/2017 7:21	29.59	79.3	6.03	1.4	SR4	9/17/2017 13:21	30.43	82.4	6.12	2.6	SR4	9/17/2017 19:21	30.53	79.2	5.91	5.7
SR4	9/17/2017 1:26	29.74	73.4	5.55	**11.1**	SR4	9/17/2017 7:26	29.60	77.6	5.88	3.8	SR4	9/17/2017 13:26	30.45	79.0	5.87	3.3	SR4	9/17/2017 19:26	30.41	79.5	5.93	5.8
SR4	9/17/2017 1:31	29.74	70.8	5.35	2.6	SR4	9/17/2017 7:31	29.43	79.9	6.04	5.9	SR4	9/17/2017 13:31	30.58	79.9	5.94	3.4	SR4	9/17/2017 19:31	30.38	80.9	6.04	7.1
SR4	9/17/2017 1:36	29.61	69.3	5.23	4.6	SR4	9/17/2017 7:36	29.54	79.7	6.03	3.9	SR4	9/17/2017 13:36	30.60	79.8	5.93	1.1	SR4	9/17/2017 19:36	30.45	79.0	5.90	6.7
SR4	9/17/2017 1:41	29.66	72.2	5.45	3.5	SR4	9/17/2017 7:41	29.46	78.2	5.92	5.1	SR4	9/17/2017 13:41	30.76	79.5	5.92	1.0	SR4	9/17/2017 19:41	30.61	79.3	5.93	6.5
SR4	9/17/2017 1:46	29.57	73.2	5.53	6.7	SR4	9/17/2017 7:46	29.37	78.8	5.98	1.9	SR4	9/17/2017 13:46	30.55	80.4	5.99	5.5	SR4	9/17/2017 19:46	30.65	79.3	5.93	6.0
SR4	9/17/2017 1:51	29.65	72.8	5.49	3.9	SR4	9/17/2017 7:51	29.45	79.5	6.03	5.0	SR4	9/17/2017 13:51	30.66	82.1	6.12	5.5	SR4	9/17/2017 19:51	30.57	80.0	5.98	7.0
SR4	9/17/2017 1:56	29.70	73.0	5.51	4.2	SR4	9/17/2017 7:56	29.52	80.4	6.09	3.6	SR4	9/17/2017 13:56	30.85	78.4	5.83	4.8	SR4	9/17/2017 19:56	30.59	81.1	6.07	7.0
SR4	9/17/2017 2:01	29.65	72.4	5.46	8.7	SR4	9/17/2017 8:01	29.47	79.5	6.02	3.3	SR4	9/17/2017 14:01	30.76	80.4	5.98	9.2	SR4	9/17/2017 20:01	30.43	81.8	6.12	5.9
SR4	9/17/2017 2:06	29.63	71.5	5.40	9.7	SR4	9/17/2017 8:06	29.50	78.3	5.93	2.1	SR4	9/17/2017 14:06	30.90	77.3	5.76	8.5	SR4	9/17/2017 20:06	30.24	82.5	6.18	7.3
SR4	9/17/2017 2:11	29.71	70.4	5.32	2.2	SR4	9/17/2017 8:11	29.52	78.7	5.96	7.7	SR4	9/17/2017 14:11	30.66	79.0	5.88	1.4	SR4	9/17/2017 20:11	30.43	82.7	6.20	7.1
SR4	9/17/2017 2:16	29.64	70.8	5.34	9.1	SR4	9/17/2017 8:16	29.42	81.0	6.13	9.6	SR4	9/17/2017 14:16	30.76	87.4	6.49	2.8	SR4	9/17/2017 20:16	30.28	83.5	6.25	6.7
SR4	9/17/2017 2:21	29.79	70.9	5.35	2.9	SR4	9/17/2017 8:21	29.55	78.3	5.93	5.4	SR4	9/17/2017 14:21	30.87	78.9	5.85	8.9	SR4	9/17/2017 20:21	30.23	83.1	6.23	5.8
SR4	9/17/2017 2:26	29.72	70.6	5.33	5.2	SR4	9/17/2017 8:26	29.45	80.3	6.08	5.7	SR4	9/17/2017 14:26	30.72	79.2	5.87	2.4	SR4	9/17/2017 20:26	30.14	82.2	6.17	7.2
SR4	9/17/2017 2:31	29.63	71.7	5.41	5.9	SR4	9/17/2017 8:31	29.48	82.6	6.26	9.6	SR4	9/17/2017 14:31	30.82	90.4	6.70	8.4	SR4	9/17/2017 20:31	30.27	82.8	6.21	5.7
SR4	9/17/2017 2:36	29.69	71.6	5.41	4.2	SR4	9/17/2017 8:36	29.34	82.6	6.26	5.2	SR4	9/17/2017 14:36	30.68	80.1	5.93	6.6	SR4	9/17/2017 20:36	30.20	82.3	6.17	5.7
SR4	9/17/2017 2:41	29.74	70.1	5.29	3.0	SR4	9/17/2017 8:41	29.50	80.8	6.12	3.7	SR4	9/17/2017 14:41	30.74	79.5	5.89	8.9	SR4	9/17/2017 20:41	30.09	82.5	6.18	5.7
SR4	9/17/2017 2:46	29.62	69.2	5.23	4.3	SR4	9/17/2017 8:46	29.35	83.5	6.33	4.0	SR4	9/17/2017 14:46	30.82	88.8	6.57	8.7	SR4	9/17/2017 20:46	30.09	84.1	6.30	7.5
SR4	9/17/2017 2:51	29.77	69.1	5.21	2.3	SR4	9/17/2017 8:51	29.48	82.8	6.27	2.7	SR4	9/17/2017 14:51	30.81	82.7	6.12	8.8	SR4	9/17/2017 20:51	30.13	84.0	6.29	5.7
SR4	9/17/2017 2:56	29.72	69.0	5.21	4.3	SR4	9/17/2017 8:56	29.52	82.8	6.27	3.6	SR4	9/17/2017 14:56	30.77	80.2	5.93	7.8	SR4	9/17/2017 20:56	30.16	84.9	6.37	5.5
SR4	9/17/2017 3:01	29.84	69.1	5.22	1.2	SR4	9/17/2017 9:01	29.57	82.4	6.24	1.3	SR4	9/17/2017 15:01	30.81	82.1	6.07	4.0	SR4	9/17/2017 21:01	30.17	85.6	6.42	5.6
SR4	9/17/2017 3:06	29.76	68.9	5.20	9.5	SR4	9/17/2017 9:06	29.35	81.8	6.19	4.8	SR4	9/17/2017 15:06	30.82	79.8	5.91	4.8	SR4	9/17/2017 21:06	30.23	85.2	6.39	6.7
SR4	9/17/2017 3:11	29.77	68.1	5.14	4.4	SR4	9/17/2017 9:11	29.60	80.6	6.10	7.5	SR4	9/17/2017 15:11	30.80	83.5	6.18	7.0	SR4	9/17/2017 21:11	30.14	84.9	6.37	5.9
SR4	9/17/2017 3:16	29.73	68.0	5.13	3.6	SR4	9/17/2017 9:16	29.61	81.8	6.18	1.2	SR4	9/17/2017 15:16	30.97	85.5	6.33	4.1	SR4	9/17/2017 21:16	29.86	85.2	6.40	6.5
SR4	9/17/2017 3:21	29.58	68.7	5.19	8.8	SR4	9/17/2017 9:21	29.41	81.1	6.13	5.1	SR4	9/17/2017 15:21	30.88	80.9	5.99	7.6	SR4	9/17/2017 21:21	29.86	83.3	6.26	6.1
SR4	9/17/2017 3:26	29.71	68.0	5.13	2.8	SR4	9/17/2017 9:26	29.59	83.6	6.32	7.4	SR4	9/17/2017 15:26	30.79	81.2	6.01	4.1	SR4	9/17/2017 21:26	29.91	82.6	6.21	7.5
SR4	9/17/2017 3:31	29.59	68.2	5.15	**11.7**	SR4	9/17/2017 9:31	29.63	82.7	6.25	3.2	SR4	9/17/2017 15:31	30.75	81.4	6.02	5.8	SR4	9/17/2017 21:31	29.90	83.5	6.28	6.2
SR4	9/17/2017 3:36	29.82	69.0	5.21	6.9	SR4	9/17/2017 9:36	29.46	82.9	6.26	1.4	SR4	9/17/2017 15:36	30.83	80.9	5.99	8.0	SR4	9/17/2017 21:36	29.83	83.1	6.26	7.3
SR4	9/17/2017 3:41	29.66	69.5	5.25	7.3	SR4	9/17/2017 9:41	29.71	82.7	6.24	7.7	SR4	9/17/2017 15:41	30.80	81.1	6.00	7.2	SR4	9/17/2017 21:41	29.81	79.2	5.98	5.6
SR4	9/17/2017 3:46	29.62	68.6	5.19	7.9	SR4	9/17/2017 9:46	29.55	82.6	6.24	2.1	SR4	9/17/2017 15:46	30.71	80.8	5.98	4.1	SR4	9/17/2017 21:46	29.76	75.7	5.73	6.7
SR4	9/17/2017 3:51	29.74	69.7	5.27	4.0	SR4	9/17/2017 9:51	29.68	81.1	6.13	6.9	SR4	9/17/2017 15:51	30.74	81.0	5.99	6.6	SR4	9/17/2017 21:51	29.83	80.3	6.06	5.5
SR4	9/17/2017 3:56	29.72	69.5	5.25	8.3	SR4	9/17/2017 9:56	29.60	82.8	6.25	4.3	SR4	9/17/2017 15:56	30.82	82.0	6.06	4.3	SR4	9/17/2017 21:56	29.88	82.0	6.18	6.0
SR4	9/17/2017 4:01	29.73	69.7	5.26	8.1	SR4	9/17/2017 10:01	29.50	82.7	6.24	7.9	SR4	9/17/2017 16:01	30.96	83.2	6.15	7.0	SR4	9/17/2017 22:01	29.83	81.2	6.12	6.9
SR4	9/17/2017 4:06	29.78	70.1	5.29	3.9	SR4	9/17/2017 10:06	29.58	81.4	6.13	3.2	SR4	9/17/2017 16:06	30.76	81.2	6.00	7.7	SR4	9/17/2017 22:06	29.86	83.2	6.26	6.6
SR4	9/17/2017 4:11	29.73	70.2	5.31	**10.1**	SR4	9/17/2017 10:11	29.46	81.2	6.10	9.5	SR4	9/17/2017 16:11	30.67	80.7	5.97	4.0	SR4	9/17/2017 22:11	29.84	83.0	6.26	7.2
SR4	9/17/2017 4:16	29.77	70.3	5.32	3.7	SR4	9/17/2017 10:16	29.50	81.2	6.10	1.3	SR4	9/17/2017 16:16	30.62	79.4	5.88	7.3	SR4	9/17/2017 22:16	29.76	83.6	6.30	6.3
SR4	9/17/2017 4:21	29.72	71.0	5.37	6.1	SR4	9/17/2017 10:21	29.67	80.5	6.05	2.9	SR4	9/17/2017 16:21	30.60	79.6	5.89	5.3	SR4	9/17/2017 22:21	29.84	83.3	6.28	5.6
SR4	9/17/2017 4:26	29.63	74.6	5.66	7.8	SR4	9/17/2017 10:26	29.72	79.7	5.98	3.7	SR4	9/17/2017 16:26	30.66	79.8	5.90	6.1	SR4	9/17/2017 22:26	29.88	80.8	6.09	6.2
SR4	9/17/2017 4:31	29.62	72.3	5.48	2.8	SR4	9/17/2017 10:31	29.87	78.7	5.91	9.2	SR4	9/17/2017 16:31	30.79	79.2	5.86	5.9	SR4	9/17/2017 22:31	29.91	81.1	6.11	6.6
SR4	9/17/2017 4:36	29.61	80.4	6.12	**11.3**	SR4	9/17/2017 10:36	29.86	78.4	5.88	4.2	SR4	9/17/2017 16:36	30.71	82.5	6.10	6.1	SR4	9/17/2017 22:36	29.88	80.8	6.09	5.9
SR4	9/17/2017 4:41	29.67	80.8	6.15	6.7	SR4	9/17/2017 10:41	29.92	78.1	5.87	8.9	SR4	9/17/2017 16:41	30.68	83.3	6.15	5.4	SR4	9/17/2017 22:41	29.72	79.4	5.99	7.2
SR4	9/17/2017 4:46	29.65	81.6	6.21	2.9	SR4	9/17/2017 10:46	29.91	78.3	5.87	8.3	SR4	9/17/2017 16:46	30.64	82.9	6.12	7.8	SR4	9/17/2017 22:46	29.80	80.5	6.07	7.1
SR4	9/17/2017 4:51	29.49	80.6	6.13	**11.3**	SR4	9/17/2017 10:51	30.02	78.6	5.89	3.2	SR4	9/17/2017 16:51	30.71	84.8	6.26	7.3	SR4	9/17/2017 22:51	29.90	78.6	5.93	6.2
SR4	9/17/2017 4:56	29.64	81.2	6.18	1.1	SR4	9/17/2017 10:56	30.01	77.6	5.82	1.5	SR4	9/17/2017 16:56	30.71	83.6	6.18	4.2	SR4	9/17/2017 22:56	29.80	78.4	5.91	7.0
SR4	9/17/2017 5:01	29.61	81.6	6.21	4.6	SR4	9/17/2017 11:01	29.96	78.1	5.84	4.4	SR4	9/17/2017 17:01	30.77	83.8	6.19	6.2	SR4	9/17/2017 23:01	29.86	77.7	5.86	7.5
SR4	9/17/2017 5:06	29.56	81.8	6.23	4.7	SR4	9/17/2017 11:06	29.85	77.8	5.82	5.2	SR4	9/17/2017 17:06	30.74	85.0	6.29	5.8	SR4	9/17/2017 23:06	29.84	77.8	5.87	5.7
SR4	9/17/2017 5:11	29.55	82.1	6.24	**10.5**	SR4	9/17/2017 11:11	30.04	79.1	5.92	8.0	SR4	9/17/2017 17:11	30.89	83.2	6.16	5.7	SR4	9/17/2017 23:11	29.66	80.0	6.04	6.5
SR4	9/17/2017 5:16	29.56	80.7	6.13	3.0	SR4	9/17/2017 11:16	29.97	77.9	5.82	8.8	SR4	9/17/2017 17:16	30.66	83.3	6.17	6.1	SR4	9/17/2017 23:16	29.81	80.8	6.09	6.9
SR4	9/17/2017 5:21	29.46	83.3	6.33	7.0	SR4	9/17/2017 11:21	29.95	77.9	5.82	6.1	SR4	9/17/2017 17:21	30.77	82.9	6.14	7.4	SR4	9/17/2017 23:21	29.63	80.3	6.05	5.8
SR4	9/17/2017 5:26	29.52	84.5	6.43	1.2	SR4	9/17/2017 11:26	29.96	77.8	5.82	6.0	SR4	9/17/2017 17:26	30.77	82.9	6.15	5.4	SR4	9/17/2017 23:26	29.69	81.0	6.11	7.1
SR4	9/17/2017 5:31	29.52	85.0	6.48	**10.2**	SR4	9/17/2017 11:31	30.12	77.7	5.81	1.0	SR4	9/17/2017 17:31	30.68	84.6	6.27	6.1	SR4	9/17/2017 23:31	29.63	80.4	6.06	6.5
SR4	9/17/2017 5:36	29.43	85.6	6.53	3.0	SR4	9/17/2017 11:36	30.24	77.6	5.80	1.9	SR4	9/17/2017 17:36	30.71	84.4	6.26	7.6	SR4	9/17/2017 23:36	29.70	75.6	5.71	6.0
SR4	9/17/2017 5:41	29.59	86.6	6.60	8.9	SR4	9/17/2017 11:41	30.28	77.4	5.79	7.1	SR4	9/17/2017 17:41	30.73	78.4	5.83	5.1	SR4	9/17/2017 23:41	29.74	71.8	5.42	7.0
SR4	9/17/2017 5:46	29.55	86.6	6.60	7.5	SR4	9/17/2017 11:46	30.38	77.5	5.79	3.5	SR4	9/17/2017 17:46	30.71	80.0	5.94	4.0	SR4	9/17/2017 23:46	29.65	70.7	5.34	5.9
SR4	9/17/2017 5:51	29.42	85.6	6.53	9.6	SR4	9/17/2017 11:51	30.40	78.8	5.88	1.1	SR4	9/17/2017 17:51	30.79	82.2	6.10	4.8	SR4	9/17/2017 23:51	29.54	71.5	5.39	5.5
SR4	9/17/2017 5:56	29.50	84.3	6.42	7.7	SR4	9/17/2017 11:56	30.32	78.4	5.84	1.3	SR4	9/17/2017 17:56	30.69	81.2	6.03	5.3	SR4	9/17/2017 23:56	29.67	72.4	5.46	5.7

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR5	9/17/2017 0:00	29.52	72.4	5.32	3.3	SR5	9/17/2017 6:00	29.31	78.4	5.80	3.0	SR5	9/17/2017 12:00	30.23	75.2	5.49	5.3	SR5	9/17/2017 18:00	30.56	76.9	5.61	3.9
SR5	9/17/2017 0:05	29.50	73.2	5.38	4.4	SR5	9/17/2017 6:05	29.30	78.9	5.84	5.3	SR5	9/17/2017 12:05	30.28	75.9	5.54	4.0	SR5	9/17/2017 18:05	30.55	77.5	5.65	3.3
SR5	9/17/2017 0:10	29.63	72.0	5.28	4.4	SR5	9/17/2017 6:10	29.30	79.3	5.87	5.0	SR5	9/17/2017 12:10	30.32	76.5	5.59	3.2	SR5	9/17/2017 18:10	30.53	76.2	5.56	3.6
SR5	9/17/2017 0:15	29.65	72.7	5.34	3.7	SR5	9/17/2017 6:15	29.31	80.8	5.98	2.8	SR5	9/17/2017 12:15	30.36	75.9	5.54	4.0	SR5	9/17/2017 18:15	30.51	75.6	5.52	3.7
SR5	9/17/2017 0:20	29.69	71.2	5.22	5.1	SR5	9/17/2017 6:20	29.31	81.0	6.00	4.0	SR5	9/17/2017 12:20	30.41	79.7	5.82	3.7	SR5	9/17/2017 18:20	30.51	76.1	5.55	4.5
SR5	9/17/2017 0:25	29.65	72.0	5.28	4.0	SR5	9/17/2017 6:25	29.32	79.7	5.91	6.0	SR5	9/17/2017 12:25	30.41	76.6	5.59	4.4	SR5	9/17/2017 18:25	30.51	75.9	5.55	3.3
SR5	9/17/2017 0:30	29.63	71.8	5.27	3.6	SR5	9/17/2017 6:30	29.32	80.6	5.97	6.2	SR5	9/17/2017 12:30	30.38	77.4	5.65	3.1	SR5	9/17/2017 18:30	30.51	76.2	5.57	3.3
SR5	9/17/2017 0:35	29.60	72.2	5.30	4.5	SR5	9/17/2017 6:35	29.33	79.9	5.92	5.0	SR5	9/17/2017 12:35	30.39	78.8	5.76	2.6	SR5	9/17/2017 18:35	30.50	77.0	5.63	3.3
SR5	9/17/2017 0:40	29.59	72.1	5.29	4.2	SR5	9/17/2017 6:40	29.33	78.9	5.84	5.8	SR5	9/17/2017 12:40	30.43	81.5	5.95	2.7	SR5	9/17/2017 18:40	30.49	76.7	5.61	3.9
SR5	9/17/2017 0:45	29.59	73.1	5.37	5.4	SR5	9/17/2017 6:45	29.33	79.3	5.87	4.7	SR5	9/17/2017 12:45	30.44	75.1	5.48	3.7	SR5	9/17/2017 18:45	30.49	76.1	5.56	3.5
SR5	9/17/2017 0:50	29.58	71.9	5.28	3.8	SR5	9/17/2017 6:50	29.33	78.8	5.83	6.3	SR5	9/17/2017 12:50	30.41	77.1	5.63	2.9	SR5	9/17/2017 18:50	30.49	76.0	5.56	3.4
SR5	9/17/2017 0:55	29.56	72.0	5.28	3.2	SR5	9/17/2017 6:55	29.33	79.4	5.88	2.5	SR5	9/17/2017 12:55	30.43	75.8	5.53	2.5	SR5	9/17/2017 18:55	30.48	77.4	5.66	3.1
SR5	9/17/2017 1:00	29.58	73.2	5.37	2.9	SR5	9/17/2017 7:00	29.34	79.2	5.86	4.5	SR5	9/17/2017 13:00	30.49	78.6	5.74	3.8	SR5	9/17/2017 19:00	30.49	76.7	5.60	3.2
SR5	9/17/2017 1:05	29.55	73.7	5.41	4.6	SR5	9/17/2017 7:05	29.34	78.8	5.83	3.8	SR5	9/17/2017 13:05	30.47	76.9	5.61	2.9	SR5	9/17/2017 19:05	30.48	76.8	5.62	2.9
SR5	9/17/2017 1:10	29.56	72.4	5.32	4.6	SR5	9/17/2017 7:10	29.35	79.1	5.86	5.8	SR5	9/17/2017 13:10	30.43	76.0	5.55	3.5	SR5	9/17/2017 19:10	30.48	76.6	5.60	2.9
SR5	9/17/2017 1:15	29.55	73.6	5.41	5.4	SR5	9/17/2017 7:15	29.35	78.6	5.82	2.5	SR5	9/17/2017 13:15	30.40	76.7	5.60	2.8	SR5	9/17/2017 19:15	30.48	77.2	5.64	3.2
SR5	9/17/2017 1:20	29.55	73.0	5.37	3.3	SR5	9/17/2017 7:20	29.35	77.1	5.69	1.8	SR5	9/17/2017 13:20	30.36	77.4	5.65	3.4	SR5	9/17/2017 19:20	30.36	77.1	5.63	2.8
SR5	9/17/2017 1:25	29.56	73.3	5.39	4.4	SR5	9/17/2017 7:25	29.36	75.8	5.58	3.3	SR5	9/17/2017 13:25	30.39	75.7	5.52	3.0	SR5	9/17/2017 19:25	30.34	77.1	5.63	3.0
SR5	9/17/2017 1:30	29.56	72.5	5.32	3.3	SR5	9/17/2017 7:30	29.34	77.1	5.68	4.7	SR5	9/17/2017 13:30	30.41	76.4	5.57	3.0	SR5	9/17/2017 19:30	30.33	77.4	5.66	3.2
SR5	9/17/2017 1:35	29.56	71.6	5.26	3.7	SR5	9/17/2017 7:35	29.33	77.3	5.69	2.9	SR5	9/17/2017 13:35	30.53	77.0	5.62	2.7	SR5	9/17/2017 19:35	30.35	76.8	5.62	3.2
SR5	9/17/2017 1:40	29.54	73.9	5.43	3.3	SR5	9/17/2017 7:40	29.32	75.9	5.59	3.1	SR5	9/17/2017 13:40	30.50	76.9	5.61	2.2	SR5	9/17/2017 19:40	30.37	77.0	5.63	3.1
SR5	9/17/2017 1:45	29.52	73.1	5.37	3.8	SR5	9/17/2017 7:45	29.31	76.5	5.64	3.6	SR5	9/17/2017 13:45	30.52	77.5	5.66	2.9	SR5	9/17/2017 19:45	30.37	76.3	5.58	3.0
SR5	9/17/2017 1:50	29.52	73.8	5.42	3.3	SR5	9/17/2017 7:50	29.31	76.8	5.66	2.8	SR5	9/17/2017 13:50	30.56	77.8	5.69	3.4	SR5	9/17/2017 19:50	30.36	76.8	5.62	3.1
SR5	9/17/2017 1:55	29.52	73.2	5.38	3.5	SR5	9/17/2017 7:55	29.31	77.0	5.67	3.3	SR5	9/17/2017 13:55	30.70	76.6	5.59	2.9	SR5	9/17/2017 19:55	30.35	76.7	5.62	3.1
SR5	9/17/2017 2:00	29.53	72.9	5.35	4.2	SR5	9/17/2017 8:00	29.31	76.5	5.63	2.8	SR5	9/17/2017 14:00	30.70	77.7	5.67	3.8	SR5	9/17/2017 20:00	30.27	77.7	5.69	2.8
SR5	9/17/2017 2:05	29.53	72.5	5.32	4.2	SR5	9/17/2017 8:05	29.32	75.6	5.57	1.9	SR5	9/17/2017 14:05	30.70	75.7	5.53	3.6	SR5	9/17/2017 20:05	30.16	77.6	5.69	3.2
SR5	9/17/2017 2:10	29.53	72.2	5.30	3.6	SR5	9/17/2017 8:10	29.32	76.6	5.64	3.0	SR5	9/17/2017 14:10	30.65	75.9	5.54	2.3	SR5	9/17/2017 20:10	30.18	77.8	5.71	3.0
SR5	9/17/2017 2:15	29.54	73.0	5.36	5.0	SR5	9/17/2017 8:15	29.31	76.8	5.66	5.7	SR5	9/17/2017 14:15	30.62	80.2	5.85	2.9	SR5	9/17/2017 20:15	30.14	77.9	5.71	3.3
SR5	9/17/2017 2:20	29.55	71.9	5.28	3.4	SR5	9/17/2017 8:20	29.30	76.1	5.61	3.4	SR5	9/17/2017 14:20	30.64	76.3	5.56	4.2	SR5	9/17/2017 20:20	30.09	78.0	5.72	3.0
SR5	9/17/2017 2:25	29.56	71.7	5.26	3.9	SR5	9/17/2017 8:25	29.32	76.7	5.65	4.4	SR5	9/17/2017 14:25	30.68	75.7	5.52	2.8	SR5	9/17/2017 20:25	30.06	77.4	5.68	3.8
SR5	9/17/2017 2:30	29.56	73.5	5.39	3.9	SR5	9/17/2017 8:30	29.30	77.7	5.73	3.2	SR5	9/17/2017 14:30	30.66	82.1	5.99	4.0	SR5	9/17/2017 20:30	30.04	78.1	5.73	2.8
SR5	9/17/2017 2:35	29.56	72.9	5.35	3.8	SR5	9/17/2017 8:35	29.29	78.4	5.78	3.1	SR5	9/17/2017 14:35	30.66	76.9	5.60	3.9	SR5	9/17/2017 20:35	30.10	78.6	5.76	3.5
SR5	9/17/2017 2:40	29.57	71.8	5.27	3.4	SR5	9/17/2017 8:40	29.30	77.7	5.73	3.5	SR5	9/17/2017 14:40	30.67	75.9	5.53	3.5	SR5	9/17/2017 20:40	30.03	78.0	5.72	3.6
SR5	9/17/2017 2:45	29.57	71.2	5.23	3.7	SR5	9/17/2017 8:45	29.28	77.8	5.74	2.7	SR5	9/17/2017 14:45	30.68	80.5	5.87	3.7	SR5	9/17/2017 20:45	29.99	79.5	5.82	3.7
SR5	9/17/2017 2:50	29.58	71.1	5.22	3.2	SR5	9/17/2017 8:50	29.30	77.6	5.72	3.5	SR5	9/17/2017 14:50	30.65	78.8	5.73	3.6	SR5	9/17/2017 20:50	30.01	79.2	5.80	2.8
SR5	9/17/2017 2:55	29.61	71.6	5.26	3.6	SR5	9/17/2017 8:55	29.32	78.9	5.81	3.8	SR5	9/17/2017 14:55	30.68	76.9	5.60	3.3	SR5	9/17/2017 20:55	29.95	78.8	5.78	3.3
SR5	9/17/2017 3:00	29.65	72.0	5.28	3.1	SR5	9/17/2017 9:00	29.31	78.2	5.76	2.1	SR5	9/17/2017 15:00	30.72	77.7	5.65	2.6	SR5	9/17/2017 21:00	29.93	79.2	5.81	3.6
SR5	9/17/2017 3:05	29.64	71.2	5.23	4.6	SR5	9/17/2017 9:05	29.34	78.2	5.76	5.2	SR5	9/17/2017 15:05	30.65	77.4	5.63	2.9	SR5	9/17/2017 21:05	30.03	79.5	5.83	3.0
SR5	9/17/2017 3:10	29.61	71.5	5.24	3.7	SR5	9/17/2017 9:10	29.36	76.5	5.64	4.9	SR5	9/17/2017 15:10	30.64	78.7	5.73	3.4	SR5	9/17/2017 21:10	29.91	78.9	5.79	3.7
SR5	9/17/2017 3:15	29.59	71.5	5.25	3.6	SR5	9/17/2017 9:15	29.33	77.9	5.73	1.8	SR5	9/17/2017 15:15	30.75	80.2	5.84	2.8	SR5	9/17/2017 21:15	29.86	78.8	5.79	3.7
SR5	9/17/2017 3:20	29.56	71.4	5.24	4.7	SR5	9/17/2017 9:20	29.34	77.6	5.71	4.0	SR5	9/17/2017 15:20	30.76	76.5	5.57	3.6	SR5	9/17/2017 21:20	29.82	77.9	5.72	3.5
SR5	9/17/2017 3:25	29.56	70.4	5.17	3.6	SR5	9/17/2017 9:25	29.40	78.2	5.76	5.5	SR5	9/17/2017 15:25	30.69	77.3	5.63	3.6	SR5	9/17/2017 21:25	29.76	77.8	5.71	3.5
SR5	9/17/2017 3:30	29.51	71.2	5.22	6.0	SR5	9/17/2017 9:30	29.41	77.8	5.73	4.1	SR5	9/17/2017 15:30	30.61	78.0	5.68	4.0	SR5	9/17/2017 21:30	29.80	78.7	5.78	3.1
SR5	9/17/2017 3:35	29.58	72.3	5.31	3.7	SR5	9/17/2017 9:35	29.39	77.7	5.72	3.2	SR5	9/17/2017 15:35	30.63	76.7	5.58	4.1	SR5	9/17/2017 21:35	29.77	78.8	5.79	3.9
SR5	9/17/2017 3:40	29.56	71.7	5.26	2.9	SR5	9/17/2017 9:40	29.46	77.8	5.72	4.9	SR5	9/17/2017 15:40	30.60	78.0	5.68	3.9	SR5	9/17/2017 21:40	29.70	76.2	5.60	3.0
SR5	9/17/2017 3:45	29.52	71.3	5.24	4.4	SR5	9/17/2017 9:45	29.45	77.7	5.72	1.9	SR5	9/17/2017 15:45	30.60	76.5	5.57	3.4	SR5	9/17/2017 21:45	29.70	75.2	5.53	3.4
SR5	9/17/2017 3:50	29.54	72.0	5.29	3.9	SR5	9/17/2017 9:50	29.43	77.7	5.72	3.5	SR5	9/17/2017 15:50	30.64	77.7	5.65	3.6	SR5	9/17/2017 21:50	29.69	77.5	5.70	3.6
SR5	9/17/2017 3:55	29.56	72.0	5.29	5.1	SR5	9/17/2017 9:55	29.39	78.6	5.78	3.4	SR5	9/17/2017 15:55	30.65	77.3	5.62	3.8	SR5	9/17/2017 21:55	29.69	77.6	5.70	2.8
SR5	9/17/2017 4:00	29.55	71.8	5.27	4.1	SR5	9/17/2017 10:00	29.39	77.6	5.71	4.6	SR5	9/17/2017 16:00	30.66	78.1	5.68	4.2	SR5	9/17/2017 22:00	29.65	78.3	5.75	3.0
SR5	9/17/2017 4:05	29.56	72.4	5.31	4.5	SR5	9/17/2017 10:05	29.40	77.3	5.68	3.1	SR5	9/17/2017 16:05	30.66	78.0	5.67	3.5	SR5	9/17/2017 22:05	29.66	78.6	5.77	3.6
SR5	9/17/2017 4:10	29.55	72.4	5.32	4.0	SR5	9/17/2017 10:10	29.42	77.0	5.65	4.8	SR5	9/17/2017 16:10	30.60	77.5	5.64	2.8	SR5	9/17/2017 22:10	29.66	78.8	5.79	3.9
SR5	9/17/2017 4:15	29.54	71.9	5.29	4.6	SR5	9/17/2017 10:15	29.42	77.4	5.68	2.1	SR5	9/17/2017 16:15	30.50	76.8	5.59	3.5	SR5	9/17/2017 22:15	29.67	79.1	5.81	2.9
SR5	9/17/2017 4:20	29.53	72.2	5.31	5.0	SR5	9/17/2017 10:20	29.51	76.5	5.61	4.5	SR5	9/17/2017 16:20	30.51	76.9	5.59	3.1	SR5	9/17/2017 22:20	29.71	78.1	5.75	3.4
SR5	9/17/2017 4:25	29.51	75.1	5.53	4.0	SR5	9/17/2017 10:25	29.61	76.1	5.58	5.0	SR5	9/17/2017 16:25	30.45	77.4	5.63	3.9	SR5	9/17/2017 22:25	29.67	76.8	5.65	3.1
SR5	9/17/2017 4:30	29.45	72.9	5.37	3.2	SR5	9/17/2017 10:30	29.73	76.5	5.61	3.7	SR5	9/17/2017 16:30	30.58	76.5	5.57	3.6	SR5	9/17/2017 22:30	29.70	77.9	5.72	3.1
SR5	9/17/2017 4:35	29.43	76.8	5.68	4.2	SR5	9/17/2017 10:35	29.76	75.6	5.54	4.0	SR5	9/17/2017 16:35	30.60	77.5	5.64	3.9	SR5	9/17/2017 22:35	29.71	77.4	5.69	3.6
SR5	9/17/2017 4:40	29.44	77.6	5.73	3.8	SR5	9/17/2017 10:40	29.77	75.3	5.53	4.2	SR5	9/17/2017 16:40	30.57	78.7	5.72	3.4	SR5	9/17/2017 22:40	29.70	77.2	5.68	3.6
SR5	9/17/2017 4:45	29.43	77.7	5.74	2.7	SR5	9/17/2017 10:45	29.77	76.6	5.61	5.6	SR5	9/17/2017 16:45	30.58	78.8	5.73	3.6	SR5	9/17/2017 22:45	29.67	77.7	5.71	3.8
SR5	9/17/2017 4:50	29.42	78.1	5.76	3.4	SR5	9/17/2017 10:50	29.79	76.6	5.61	3.5	SR5	9/17/2017 16:50	30.60	78.8	5.73	4.1	SR5	9/17/2017 22:50	29.69	75.7	5.56	3.0
SR5	9/17/2017 4:55	29.41	77.3	5.71	3.9	SR5	9/17/2017 10:55	29.80	76.3	5.59	2.7	SR5	9/17/2017 16:55	30.59	79.0	5.75	3.2	SR5	9/17/2017 22:55	29.67	75.9	5.58	3.0
SR5	9/17/2017 5:00	29.40	77.6	5.73	2.8	SR5	9/17/2017 11:00	29.81	75.3	5.51	4.2	SR5	9/17/2017 17:00	30.60	78.5	5.71	3.4	SR5	9/17/2017 23:00	29.59	76.5	5.62	3.9
SR5	9/17/2017 5:05	29.38	78.2	5.78	4.1	SR5	9/17/2017 11:05	29.80	75.5	5.53	4.5	SR5	9/17/2017 17:05	30.61	79.3	5.78	3.5	SR5	9/17/2017 23:05	29.64	76.1	5.59	3.3
SR5	9/17/2017 5:10	29.36	77.8	5.75	5.8	SR5	9/17/2017 11:10	29.81	76.1	5.57	4.5	SR5	9/17/2017 17:10	30.61	78.4	5.71	3.7	SR5	9/17/2017 23:10	29.62	76.6	5.64	3.0
SR5	9/17/2017 5:15	29.33	77.8	5.74	3.6	SR5	9/17/2017 11:15	29.84	75.9	5.55	6.0	SR5	9/17/2017 17:15	30.60	78.8	5.74	3.5	SR5	9/17/2017 23:15	29.61	77.2	5.67	3.8
SR5	9/17/2017 5:20	29.33	78.4	5.79	3.7	SR5	9/17/2017 11:20	29.88	75.9	5.55	5.1	SR5	9/17/2017 17:20	30.60	77.7	5.66	3.6	SR5	9/17/2017 23:20	29.56	77.6	5.70	3.1
SR5	9/17/2017 5:25	29.32	78.4	5.80	2.0	SR5	9/17/2017 11:25	29.93	75.2	5.50	3.5	SR5	9/17/2017 17:25	30.60	77.6	5.66	3.4	SR5	9/17/2017 23:25	29.56	76.9	5.66	3.2
SR5	9/17/2017 5:30	29.31	79.6	5.89	3.6	SR5	9/17/2017 11:30	29.98	75.1	5.49	2.3	SR5	9/17/2017 17:30	30.60	78.5	5.72	3.5	SR5	9/17/2017 23:30	29.56	77.0	5.66	3.0
SR5	9/17/2017 5:35	29.31	80.1	5.93	2.5	SR5	9/17/2017 11:35	30.08	76.0	5.56	4.6	SR5	9/17/2017 17:35	30.60	79.2	5.77	3.8	SR5	9/17/2017 23:35	29.54	74.1	5.45	3.0
SR5	9/17/2017 5:40	29.31	80.8	5.98	3.7	SR5	9/17/2017 11:40	30.20	76.1	5.57	5.0	SR5	9/17/2017 17:40	30.58	76.7	5.59	3.2	SR5	9/17/2017 23:40	29.53	72.7	5.34	3.0
SR5	9/17/2017 5:45	29.31	79.7	5.90	3.7	SR5	9/17/2017 11:45	30.22	76.2	5.57	3.1	SR5	9/17/2017 17:45	30.58	76.6	5.58	3.1	SR5	9/17/2017 23:45	29.49	72.1	5.29	3.6
SR5	9/17/2017 5:50	29.31	79.9	5.91	5.6	SR5	9/17/2017 11:50	30.21	76.8	5.61	1.9	SR5	9/17/2017 17:50	30.59	78.5	5.72	4.0	SR5	9/17/2017 23:50	29.46	72.3	5.31	3.6
SR5	9/17/2017 5:55	29.30	79.6	5.89	5.6	SR5	9/17/2017 11:55	30.20	75.7	5.53	2.7	SR5	9/17/2017 17:55	30.57	77.4	5.65	3.4	SR5	9/17/2017 23:55	29.46	72.8	5.35	3.0

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR12	9/17/2017 0:01	29.72	71.7	5.27	4.5	SR12	9/17/2017 6:01	29.41	77.7	5.75	4.3	SR12	9/17/2017 12:01	30.28	74.4	5.43	6.6	SR12	9/17/2017 18:01	30.63	75.4	5.50	6.4
SR12	9/17/2017 0:06	29.54	71.2	5.24	7.9	SR12	9/17/2017 6:06	29.41	78.7	5.82	7.6	SR12	9/17/2017 12:06	30.38	74.6	5.45	6.7	SR12	9/17/2017 18:06	30.66	75.7	5.52	4.8
SR12	9/17/2017 0:11	29.68	71.2	5.23	8.8	SR12	9/17/2017 6:11	29.35	77.4	5.73	5.2	SR12	9/17/2017 12:11	30.45	73.9	5.40	5.2	SR12	9/17/2017 18:11	30.64	74.3	5.43	4.7
SR12	9/17/2017 0:16	29.80	71.0	5.21	6.5	SR12	9/17/2017 6:16	29.47	79.2	5.87	4.6	SR12	9/17/2017 12:16	30.42	75.2	5.50	4.9	SR12	9/17/2017 18:16	30.55	74.5	5.44	5.8
SR12	9/17/2017 0:21	29.74	70.2	5.15	8.8	SR12	9/17/2017 6:21	29.47	78.7	5.84	5.8	SR12	9/17/2017 12:21	30.55	77.9	5.69	3.0	SR12	9/17/2017 18:21	30.71	73.8	5.39	5.4
SR12	9/17/2017 0:26	29.72	70.8	5.20	6.3	SR12	9/17/2017 6:26	29.46	78.4	5.82	7.3	SR12	9/17/2017 12:26	30.61	75.4	5.51	4.7	SR12	9/17/2017 18:26	30.61	73.9	5.40	5.4
SR12	9/17/2017 0:31	29.78	70.1	5.15	4.7	SR12	9/17/2017 6:31	29.38	78.0	5.78	7.3	SR12	9/17/2017 12:31	30.38	76.4	5.58	4.7	SR12	9/17/2017 18:31	30.61	73.7	5.39	6.2
SR12	9/17/2017 0:36	29.68	71.4	5.24	8.3	SR12	9/17/2017 6:36	29.43	78.3	5.80	6.6	SR12	9/17/2017 12:36	30.50	77.2	5.64	4.5	SR12	9/17/2017 18:36	30.51	75.1	5.49	4.3
SR12	9/17/2017 0:41	29.71	71.2	5.23	8.6	SR12	9/17/2017 6:41	29.34	77.2	5.72	7.8	SR12	9/17/2017 12:41	30.50	79.3	5.80	3.2	SR12	9/17/2017 18:41	30.60	74.5	5.45	5.9
SR12	9/17/2017 0:46	29.59	71.1	5.22	**10.2**	SR12	9/17/2017 6:46	29.45	77.0	5.70	5.4	SR12	9/17/2017 12:46	30.60	74.7	5.45	6.8	SR12	9/17/2017 18:46	30.57	73.1	5.34	7.0
SR12	9/17/2017 0:51	29.70	70.9	5.20	5.4	SR12	9/17/2017 6:51	29.36	76.8	5.69	8.0	SR12	9/17/2017 12:51	30.56	74.4	5.43	5.9	SR12	9/17/2017 18:51	30.68	74.5	5.45	5.3
SR12	9/17/2017 0:56	29.71	71.2	5.23	7.2	SR12	9/17/2017 6:56	29.43	78.4	5.81	5.5	SR12	9/17/2017 12:56	30.54	74.4	5.43	4.1	SR12	9/17/2017 18:56	30.52	75.1	5.49	6.8
SR12	9/17/2017 1:01	29.62	71.3	5.24	5.0	SR12	9/17/2017 7:01	29.40	78.4	5.80	4.2	SR12	9/17/2017 13:01	30.67	76.6	5.60	6.8	SR12	9/17/2017 19:01	30.60	74.5	5.45	6.6
SR12	9/17/2017 1:06	29.68	71.6	5.26	9.5	SR12	9/17/2017 7:06	29.53	77.2	5.72	7.3	SR12	9/17/2017 13:06	30.59	74.4	5.43	5.1	SR12	9/17/2017 19:06	30.68	75.4	5.51	4.5
SR12	9/17/2017 1:11	29.59	71.6	5.26	9.0	SR12	9/17/2017 7:11	29.49	78.3	5.80	8.1	SR12	9/17/2017 13:11	30.45	74.8	5.46	6.4	SR12	9/17/2017 19:11	30.58	74.2	5.43	6.5
SR12	9/17/2017 1:16	29.61	71.8	5.28	**11.4**	SR12	9/17/2017 7:16	29.40	77.3	5.73	2.9	SR12	9/17/2017 13:16	30.53	75.3	5.50	2.4	SR12	9/17/2017 19:16	30.58	74.7	5.46	5.7
SR12	9/17/2017 1:21	29.73	72.4	5.32	5.1	SR12	9/17/2017 7:21	29.49	74.7	5.52	3.2	SR12	9/17/2017 13:21	30.36	76.9	5.61	3.2	SR12	9/17/2017 19:21	30.46	74.2	5.43	5.6
SR12	9/17/2017 1:26	29.71	71.1	5.23	**10.0**	SR12	9/17/2017 7:26	29.44	75.2	5.54	3.7	SR12	9/17/2017 13:26	30.44	74.7	5.45	4.2	SR12	9/17/2017 19:26	30.38	74.4	5.44	4.4
SR12	9/17/2017 1:31	29.61	70.1	5.16	3.5	SR12	9/17/2017 7:31	29.47	75.6	5.57	6.8	SR12	9/17/2017 13:31	30.53	74.7	5.45	4.3	SR12	9/17/2017 19:31	30.40	75.2	5.50	6.6
SR12	9/17/2017 1:36	29.60	69.3	5.09	5.8	SR12	9/17/2017 7:36	29.35	75.7	5.58	3.5	SR12	9/17/2017 13:36	30.67	74.4	5.43	2.8	SR12	9/17/2017 19:36	30.37	74.8	5.47	5.1
SR12	9/17/2017 1:41	29.69	70.5	5.18	5.2	SR12	9/17/2017 7:41	29.39	75.0	5.53	5.7	SR12	9/17/2017 13:41	30.70	75.2	5.49	3.7	SR12	9/17/2017 19:41	30.44	74.6	5.46	5.3
SR12	9/17/2017 1:46	29.56	72.6	5.34	8.0	SR12	9/17/2017 7:46	29.31	74.5	5.50	3.3	SR12	9/17/2017 13:46	30.58	75.0	5.48	5.1	SR12	9/17/2017 19:46	30.57	74.5	5.46	4.8
SR12	9/17/2017 1:51	29.56	71.7	5.27	6.8	SR12	9/17/2017 7:51	29.40	74.8	5.52	5.4	SR12	9/17/2017 13:51	30.58	76.1	5.57	4.9	SR12	9/17/2017 19:51	30.48	74.7	5.47	5.1
SR12	9/17/2017 1:56	29.72	71.7	5.27	6.0	SR12	9/17/2017 7:56	29.44	75.5	5.57	5.9	SR12	9/17/2017 13:56	30.90	74.9	5.46	6.1	SR12	9/17/2017 19:56	30.48	76.1	5.57	6.0
SR12	9/17/2017 2:01	29.73	71.0	5.22	7.0	SR12	9/17/2017 8:01	29.42	75.7	5.58	5.2	SR12	9/17/2017 14:01	30.76	74.9	5.47	7.4	SR12	9/17/2017 20:01	30.31	76.6	5.61	6.9
SR12	9/17/2017 2:06	29.65	71.5	5.26	9.3	SR12	9/17/2017 8:06	29.47	75.6	5.57	3.8	SR12	9/17/2017 14:06	30.70	74.1	5.41	7.9	SR12	9/17/2017 20:06	30.31	76.9	5.64	6.9
SR12	9/17/2017 2:11	29.73	69.7	5.13	3.5	SR12	9/17/2017 8:11	29.40	75.8	5.58	5.6	SR12	9/17/2017 14:11	30.66	74.6	5.45	3.8	SR12	9/17/2017 20:11	30.29	76.2	5.59	5.4
SR12	9/17/2017 2:16	29.70	70.6	5.18	8.3	SR12	9/17/2017 8:16	29.42	75.6	5.57	6.7	SR12	9/17/2017 14:16	30.68	78.2	5.71	4.7	SR12	9/17/2017 20:16	30.29	76.6	5.62	5.2
SR12	9/17/2017 2:21	29.62	70.9	5.21	5.8	SR12	9/17/2017 8:21	29.39	74.6	5.50	7.1	SR12	9/17/2017 14:21	30.81	73.8	5.38	6.4	SR12	9/17/2017 20:21	30.26	76.7	5.63	5.8
SR12	9/17/2017 2:26	29.56	70.5	5.18	7.5	SR12	9/17/2017 8:26	29.37	75.2	5.55	5.1	SR12	9/17/2017 14:26	30.72	74.3	5.42	3.1	SR12	9/17/2017 20:26	30.11	76.8	5.63	6.7
SR12	9/17/2017 2:31	29.61	71.9	5.28	6.0	SR12	9/17/2017 8:31	29.34	76.9	5.67	7.7	SR12	9/17/2017 14:31	30.73	80.1	5.84	5.9	SR12	9/17/2017 20:31	30.17	75.7	5.56	5.5
SR12	9/17/2017 2:36	29.76	71.4	5.25	7.2	SR12	9/17/2017 8:36	29.29	77.6	5.72	4.5	SR12	9/17/2017 14:36	30.68	74.8	5.45	7.2	SR12	9/17/2017 20:36	30.24	75.6	5.55	5.5
SR12	9/17/2017 2:41	29.77	69.8	5.13	4.9	SR12	9/17/2017 8:41	29.37	75.4	5.56	4.8	SR12	9/17/2017 14:41	30.77	74.5	5.43	7.7	SR12	9/17/2017 20:41	30.09	76.4	5.60	6.6
SR12	9/17/2017 2:46	29.58	69.3	5.09	7.2	SR12	9/17/2017 8:46	29.32	77.2	5.70	5.3	SR12	9/17/2017 14:46	30.69	78.8	5.74	6.4	SR12	9/17/2017 20:46	30.07	77.8	5.70	6.8
SR12	9/17/2017 2:51	29.60	69.6	5.11	3.6	SR12	9/17/2017 8:51	29.46	76.7	5.66	4.7	SR12	9/17/2017 14:51	30.77	76.5	5.57	6.3	SR12	9/17/2017 20:51	30.18	77.3	5.67	4.5
SR12	9/17/2017 2:56	29.76	69.6	5.11	6.3	SR12	9/17/2017 8:56	29.38	77.3	5.70	3.7	SR12	9/17/2017 14:56	30.82	74.5	5.42	6.0	SR12	9/17/2017 20:56	29.99	77.6	5.70	5.4
SR12	9/17/2017 3:01	29.79	69.3	5.09	3.3	SR12	9/17/2017 9:01	29.47	76.4	5.63	3.4	SR12	9/17/2017 15:01	30.73	75.8	5.52	5.4	SR12	9/17/2017 21:01	30.01	77.3	5.67	6.0
SR12	9/17/2017 3:06	29.80	68.8	5.06	7.6	SR12	9/17/2017 9:06	29.36	76.1	5.61	5.2	SR12	9/17/2017 15:06	30.68	74.0	5.39	6.3	SR12	9/17/2017 21:06	30.11	77.8	5.71	6.9
SR12	9/17/2017 3:11	29.73	69.6	5.11	5.3	SR12	9/17/2017 9:11	29.48	75.7	5.58	5.9	SR12	9/17/2017 15:11	30.67	76.6	5.58	5.2	SR12	9/17/2017 21:11	30.04	78.1	5.73	6.7
SR12	9/17/2017 3:16	29.61	69.2	5.08	6.0	SR12	9/17/2017 9:16	29.53	76.3	5.62	4.4	SR12	9/17/2017 15:16	30.88	77.9	5.68	4.4	SR12	9/17/2017 21:16	29.86	76.9	5.65	5.8
SR12	9/17/2017 3:21	29.58	69.9	5.14	9.6	SR12	9/17/2017 9:21	29.36	76.6	5.64	6.5	SR12	9/17/2017 15:21	30.94	75.0	5.46	6.9	SR12	9/17/2017 21:21	29.86	76.5	5.62	5.5
SR12	9/17/2017 3:26	29.62	68.9	5.06	3.9	SR12	9/17/2017 9:26	29.59	78.0	5.75	7.4	SR12	9/17/2017 15:26	30.75	75.7	5.51	6.0	SR12	9/17/2017 21:26	29.80	75.8	5.57	7.3
SR12	9/17/2017 3:31	29.51	69.7	5.12	8.3	SR12	9/17/2017 9:31	29.50	77.2	5.69	4.9	SR12	9/17/2017 15:31	30.80	74.8	5.45	5.2	SR12	9/17/2017 21:31	29.82	76.6	5.63	6.4
SR12	9/17/2017 3:36	29.65	69.4	5.10	5.3	SR12	9/17/2017 9:36	29.48	77.5	5.70	4.5	SR12	9/17/2017 15:36	30.81	75.3	5.49	7.7	SR12	9/17/2017 21:36	29.89	76.5	5.63	7.1
SR12	9/17/2017 3:41	29.73	69.6	5.12	6.7	SR12	9/17/2017 9:41	29.66	76.9	5.66	8.2	SR12	9/17/2017 15:41	30.66	74.6	5.43	5.7	SR12	9/17/2017 21:41	29.88	74.1	5.46	4.6
SR12	9/17/2017 3:46	29.71	70.0	5.15	5.5	SR12	9/17/2017 9:46	29.60	77.0	5.67	3.9	SR12	9/17/2017 15:46	30.78	74.9	5.46	4.2	SR12	9/17/2017 21:46	29.79	73.4	5.41	6.4
SR12	9/17/2017 3:51	29.55	70.4	5.18	4.1	SR12	9/17/2017 9:51	29.58	76.5	5.63	7.1	SR12	9/17/2017 15:51	30.64	74.5	5.42	5.5	SR12	9/17/2017 21:51	29.85	74.8	5.51	6.5
SR12	9/17/2017 3:56	29.66	69.5	5.11	8.0	SR12	9/17/2017 9:56	29.45	77.0	5.67	4.5	SR12	9/17/2017 15:56	30.74	76.2	5.55	5.6	SR12	9/17/2017 21:56	29.85	75.6	5.56	5.6
SR12	9/17/2017 4:01	29.60	69.3	5.09	7.9	SR12	9/17/2017 10:01	29.48	77.0	5.67	7.9	SR12	9/17/2017 16:01	30.86	76.6	5.58	7.1	SR12	9/17/2017 22:01	29.69	75.4	5.55	7.2
SR12	9/17/2017 4:06	29.63	69.9	5.13	3.1	SR12	9/17/2017 10:06	29.60	76.6	5.63	5.9	SR12	9/17/2017 16:06	30.72	75.9	5.52	5.6	SR12	9/17/2017 22:06	29.79	76.1	5.60	6.4
SR12	9/17/2017 4:11	29.59	70.6	5.19	7.5	SR12	9/17/2017 10:11	29.45	76.8	5.64	8.0	SR12	9/17/2017 16:11	30.70	74.8	5.45	5.9	SR12	9/17/2017 22:11	29.68	77.1	5.67	6.4
SR12	9/17/2017 4:16	29.62	71.2	5.23	4.8	SR12	9/17/2017 10:16	29.50	76.8	5.64	4.6	SR12	9/17/2017 16:16	30.69	74.7	5.44	7.3	SR12	9/17/2017 22:16	29.83	76.9	5.66	5.7
SR12	9/17/2017 4:21	29.54	71.4	5.25	5.9	SR12	9/17/2017 10:21	29.62	76.4	5.61	5.3	SR12	9/17/2017 16:21	30.68	74.4	5.42	4.7	SR12	9/17/2017 22:21	29.89	77.4	5.69	7.1
SR12	9/17/2017 4:26	29.60	73.3	5.40	5.3	SR12	9/17/2017 10:26	29.61	75.1	5.51	4.0	SR12	9/17/2017 16:26	30.47	74.3	5.41	6.0	SR12	9/17/2017 22:26	29.84	75.1	5.52	6.3
SR12	9/17/2017 4:31	29.57	70.8	5.22	5.4	SR12	9/17/2017 10:31	29.83	73.8	5.42	8.6	SR12	9/17/2017 16:31	30.76	73.8	5.37	7.0	SR12	9/17/2017 22:31	29.82	75.2	5.53	7.2
SR12	9/17/2017 4:36	29.50	75.7	5.60	9.3	SR12	9/17/2017 10:36	29.82	74.6	5.47	4.7	SR12	9/17/2017 16:36	30.62	75.2	5.48	6.7	SR12	9/17/2017 22:36	29.77	74.9	5.51	7.3
SR12	9/17/2017 4:41	29.52	76.5	5.65	7.0	SR12	9/17/2017 10:41	29.78	73.4	5.39	7.8	SR12	9/17/2017 16:41	30.57	77.0	5.60	5.1	SR12	9/17/2017 22:41	29.71	75.2	5.53	8.2
SR12	9/17/2017 4:46	29.54	75.9	5.61	3.9	SR12	9/17/2017 10:46	29.94	74.3	5.45	6.9	SR12	9/17/2017 16:46	30.64	76.2	5.54	6.4	SR12	9/17/2017 22:46	29.86	75.8	5.57	6.8
SR12	9/17/2017 4:51	29.48	75.4	5.57	7.3	SR12	9/17/2017 10:51	29.98	73.7	5.40	5.0	SR12	9/17/2017 16:51	30.78	76.9	5.60	7.7	SR12	9/17/2017 22:51	29.82	74.5	5.48	7.4
SR12	9/17/2017 4:56	29.56	76.7	5.67	2.0	SR12	9/17/2017 10:56	29.88	73.7	5.40	4.5	SR12	9/17/2017 16:56	30.66	76.5	5.57	5.4	SR12	9/17/2017 22:56	29.80	74.9	5.50	6.5
SR12	9/17/2017 5:01	29.41	75.6	5.59	5.5	SR12	9/17/2017 11:01	29.97	73.9	5.41	4.0	SR12	9/17/2017 17:01	30.73	75.9	5.53	4.7	SR12	9/17/2017 23:01	29.78	74.3	5.46	8.1
SR12	9/17/2017 5:06	29.49	76.2	5.64	6.0	SR12	9/17/2017 11:06	29.81	74.6	5.46	5.2	SR12	9/17/2017 17:06	30.72	76.9	5.60	4.6	SR12	9/17/2017 23:06	29.83	74.3	5.46	7.0
SR12	9/17/2017 5:11	29.40	76.6	5.66	7.4	SR12	9/17/2017 11:11	29.98	73.9	5.41	7.7	SR12	9/17/2017 17:11	30.80	76.1	5.54	6.1	SR12	9/17/2017 23:11	29.63	74.7	5.50	7.0
SR12	9/17/2017 5:16	29.52	76.1	5.62	5.5	SR12	9/17/2017 11:16	29.84	74.1	5.42	8.2	SR12	9/17/2017 17:16	30.63	76.7	5.59	4.8	SR12	9/17/2017 23:16	29.62	75.0	5.52	8.2
SR12	9/17/2017 5:21	29.41	76.9	5.68	7.4	SR12	9/17/2017 11:21	29.92	74.0	5.42	5.5	SR12	9/17/2017 17:21	30.79	76.1	5.54	5.5	SR12	9/17/2017 23:21	29.66	75.7	5.56	7.1
SR12	9/17/2017 5:26	29.44	77.3	5.72	4.4	SR12	9/17/2017 11:26	29.99	74.3	5.44	6.2	SR12	9/17/2017 17:26	30.68	76.2	5.56	5.6	SR12	9/17/2017 23:26	29.72	75.8	5.58	6.6
SR12	9/17/2017 5:31	29.39	77.0	5.70	7.0	SR12	9/17/2017 11:31	30.02	74.4	5.45	4.5	SR12	9/17/2017 17:31	30.60	76.6	5.59	5.0	SR12	9/17/2017 23:31	29.67	76.2	5.60	7.4
SR12	9/17/2017 5:36	29.34	78.4	5.81	5.0	SR12	9/17/2017 11:36	30.23	74.5	5.45	4.7	SR12	9/17/2017 17:36	30.74	76.9	5.61	6.7	SR12	9/17/2017 23:36	29.64	73.0	5.37	7.5
SR12	9/17/2017 5:41	29.50	77.9	5.77	5.8	SR12	9/17/2017 11:41	30.33	73.2	5.36	6.1	SR12	9/17/2017 17:41	30.69	74.6	5.44	5.5	SR12	9/17/2017 23:41	29.57	71.8	5.27	7.0
SR12	9/17/2017 5:46	29.44	77.6	5.75	4.9	SR12	9/17/2017 11:46	30.27	73.5	5.38	3.6	SR12	9/17/2017 17:46	30.74	74.0	5.40	5.4	SR12	9/17/2017 23:46	29.66	71.4	5.25	7.0
SR12	9/17/2017 5:51	29.39	78.3	5.80	8.6	SR12	9/17/2017 11:51	30.38	75.1	5.49	3.7	SR12	9/17/2017 17:51	30.78	75.6	5.51	3.6	SR12	9/17/2017 23:51	29.58	71.3	5.23	6.7
SR12	9/17/2017 5:56	29.44	77.9	5.77	7.0	SR12	9/17/2017 11:56	30.29	73.8	5.39	3.3	SR12	9/17/2017 17:56	30.76	75.3	5.49	5.5	SR12	9/17/2017 23:56	29.47	72.1	5.30	5.9

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR13	9/17/2017 0:00	29.74	69.3	5.02	6.1	SR13	9/17/2017 6:00	29.30	72.2	5.26	7.4	SR13	9/17/2017 12:00	30.51	70.9	5.12	7.1	SR13	9/17/2017 18:00	30.38	71.9	5.19	6.8
SR13	9/17/2017 0:05	29.75	70.1	5.08	5.8	SR13	9/17/2017 6:05	29.30	73.9	5.38	6.5	SR13	9/17/2017 12:05	30.52	71.6	5.17	5.7	SR13	9/17/2017 18:05	30.45	71.8	5.19	6.4
SR13	9/17/2017 0:10	29.77	69.7	5.05	8.7	SR13	9/17/2017 6:10	29.30	72.2	5.26	8.1	SR13	9/17/2017 12:10	30.62	71.0	5.13	6.8	SR13	9/17/2017 18:10	30.52	71.1	5.14	7.4
SR13	9/17/2017 0:15	29.78	69.5	5.04	8.0	SR13	9/17/2017 6:15	29.31	73.4	5.35	6.5	SR13	9/17/2017 12:15	30.64	71.2	5.15	6.1	SR13	9/17/2017 18:15	30.57	70.6	5.10	6.2
SR13	9/17/2017 0:20	29.78	68.5	4.96	6.1	SR13	9/17/2017 6:20	29.31	73.4	5.35	6.0	SR13	9/17/2017 12:20	30.62	73.1	5.29	6.0	SR13	9/17/2017 18:20	30.58	71.2	5.15	7.1
SR13	9/17/2017 0:25	29.78	68.9	4.99	7.7	SR13	9/17/2017 6:25	29.30	74.3	5.42	5.6	SR13	9/17/2017 12:25	30.66	71.6	5.18	8.1	SR13	9/17/2017 18:25	30.59	71.2	5.15	5.8
SR13	9/17/2017 0:30	29.75	68.7	4.98	7.8	SR13	9/17/2017 6:30	29.31	73.3	5.34	7.0	SR13	9/17/2017 12:30	30.77	72.0	5.21	6.1	SR13	9/17/2017 18:30	30.56	71.2	5.15	7.3
SR13	9/17/2017 0:35	29.74	69.8	5.06	6.8	SR13	9/17/2017 6:35	29.31	73.1	5.33	6.5	SR13	9/17/2017 12:35	30.78	72.9	5.27	5.8	SR13	9/17/2017 18:35	30.55	71.6	5.18	6.5
SR13	9/17/2017 0:40	29.75	70.0	5.07	6.6	SR13	9/17/2017 6:40	29.31	73.8	5.37	7.3	SR13	9/17/2017 12:40	30.88	74.3	5.37	6.9	SR13	9/17/2017 18:40	30.55	70.9	5.13	7.2
SR13	9/17/2017 0:45	29.75	68.8	4.99	5.5	SR13	9/17/2017 6:45	29.31	73.7	5.36	6.0	SR13	9/17/2017 12:45	30.72	71.5	5.17	6.1	SR13	9/17/2017 18:45	30.53	70.6	5.10	5.7
SR13	9/17/2017 0:50	29.73	69.7	5.05	6.9	SR13	9/17/2017 6:50	29.33	73.2	5.33	7.3	SR13	9/17/2017 12:50	30.82	71.0	5.13	6.4	SR13	9/17/2017 18:50	30.51	71.2	5.15	6.0
SR13	9/17/2017 0:55	29.73	70.3	5.09	8.6	SR13	9/17/2017 6:55	29.33	74.5	5.43	6.3	SR13	9/17/2017 12:55	30.76	71.0	5.13	5.8	SR13	9/17/2017 18:55	30.50	71.6	5.18	6.5
SR13	9/17/2017 1:00	29.71	69.3	5.02	5.4	SR13	9/17/2017 7:00	29.34	73.0	5.31	6.2	SR13	9/17/2017 13:00	30.92	72.1	5.22	6.4	SR13	9/17/2017 19:00	30.51	70.7	5.11	7.2
SR13	9/17/2017 1:05	29.67	70.1	5.08	7.5	SR13	9/17/2017 7:05	29.33	74.0	5.39	8.3	SR13	9/17/2017 13:05	30.54	70.9	5.12	7.4	SR13	9/17/2017 19:05	30.50	71.9	5.20	6.1
SR13	9/17/2017 1:10	29.65	69.9	5.07	5.7	SR13	9/17/2017 7:10	29.35	73.4	5.35	6.3	SR13	9/17/2017 13:10	30.47	71.9	5.19	7.1	SR13	9/17/2017 19:10	30.50	71.1	5.15	7.3
SR13	9/17/2017 1:15	29.64	70.3	5.10	8.7	SR13	9/17/2017 7:15	29.33	74.0	5.39	7.7	SR13	9/17/2017 13:15	30.53	72.0	5.20	6.1	SR13	9/17/2017 19:15	30.49	70.8	5.12	7.4
SR13	9/17/2017 1:20	29.63	70.4	5.10	5.9	SR13	9/17/2017 7:20	29.34	71.5	5.20	6.4	SR13	9/17/2017 13:20	30.88	72.7	5.25	6.3	SR13	9/17/2017 19:20	30.49	70.4	5.09	6.3
SR13	9/17/2017 1:25	29.61	69.0	5.01	6.9	SR13	9/17/2017 7:25	29.36	72.1	5.23	7.3	SR13	9/17/2017 13:25	30.42	71.7	5.18	4.2	SR13	9/17/2017 19:25	30.49	71.2	5.15	6.4
SR13	9/17/2017 1:30	29.61	69.4	5.03	7.1	SR13	9/17/2017 7:30	29.37	71.5	5.19	5.7	SR13	9/17/2017 13:30	30.56	71.3	5.15	6.2	SR13	9/17/2017 19:30	30.48	71.2	5.15	6.0
SR13	9/17/2017 1:35	29.61	69.3	5.02	7.0	SR13	9/17/2017 7:35	29.36	73.2	5.32	5.4	SR13	9/17/2017 13:35	30.81	70.9	5.12	6.5	SR13	9/17/2017 19:35	30.48	71.6	5.18	6.5
SR13	9/17/2017 1:40	29.62	69.9	5.07	9.1	SR13	9/17/2017 7:40	29.34	72.7	5.28	7.3	SR13	9/17/2017 13:40	30.53	71.6	5.18	6.2	SR13	9/17/2017 19:40	30.49	71.6	5.18	7.6
SR13	9/17/2017 1:45	29.63	70.6	5.12	6.9	SR13	9/17/2017 7:45	29.33	71.4	5.19	7.0	SR13	9/17/2017 13:45	30.76	71.5	5.17	6.3	SR13	9/17/2017 19:45	30.49	70.8	5.13	7.3
SR13	9/17/2017 1:50	29.62	70.2	5.09	7.4	SR13	9/17/2017 7:50	29.34	71.2	5.17	6.4	SR13	9/17/2017 13:50	30.70	72.1	5.22	5.9	SR13	9/17/2017 19:50	30.39	71.3	5.16	6.6
SR13	9/17/2017 1:55	29.58	70.4	5.10	8.6	SR13	9/17/2017 7:55	29.33	73.1	5.31	7.3	SR13	9/17/2017 13:55	31.02	70.7	5.11	5.0	SR13	9/17/2017 19:55	30.38	71.5	5.17	7.0
SR13	9/17/2017 2:00	29.52	69.3	5.02	8.3	SR13	9/17/2017 8:00	29.34	71.6	5.20	6.3	SR13	9/17/2017 14:00	31.02	70.8	5.12	6.8	SR13	9/17/2017 20:00	30.36	71.6	5.19	6.1
SR13	9/17/2017 2:05	29.49	69.3	5.03	5.8	SR13	9/17/2017 8:05	29.35	73.0	5.30	5.5	SR13	9/17/2017 14:05	30.97	71.0	5.13	5.9	SR13	9/17/2017 20:05	30.35	71.7	5.20	6.4
SR13	9/17/2017 2:10	29.51	68.9	5.00	6.9	SR13	9/17/2017 8:10	29.34	73.1	5.30	6.8	SR13	9/17/2017 14:10	30.79	71.3	5.16	6.6	SR13	9/17/2017 20:10	30.35	72.4	5.24	6.8
SR13	9/17/2017 2:15	29.57	69.4	5.03	7.2	SR13	9/17/2017 8:15	29.33	72.1	5.24	5.4	SR13	9/17/2017 14:15	31.08	73.1	5.29	5.7	SR13	9/17/2017 20:15	30.36	72.2	5.23	5.9
SR13	9/17/2017 2:20	29.63	69.4	5.03	6.2	SR13	9/17/2017 8:20	29.33	71.1	5.16	6.9	SR13	9/17/2017 14:20	31.08	70.2	5.07	7.0	SR13	9/17/2017 20:20	30.36	71.7	5.20	6.3
SR13	9/17/2017 2:25	29.62	69.9	5.07	5.6	SR13	9/17/2017 8:25	29.31	72.8	5.29	7.9	SR13	9/17/2017 14:25	30.95	70.8	5.11	6.4	SR13	9/17/2017 20:25	30.36	72.0	5.22	5.2
SR13	9/17/2017 2:30	29.61	70.1	5.08	6.3	SR13	9/17/2017 8:30	29.31	73.2	5.32	7.0	SR13	9/17/2017 14:30	30.97	74.4	5.37	5.4	SR13	9/17/2017 20:30	30.36	72.0	5.22	6.9
SR13	9/17/2017 2:35	29.58	70.0	5.07	7.4	SR13	9/17/2017 8:35	29.31	73.0	5.30	6.7	SR13	9/17/2017 14:35	30.81	71.6	5.17	6.9	SR13	9/17/2017 20:35	30.32	71.9	5.21	6.9
SR13	9/17/2017 2:40	29.59	68.9	5.00	6.3	SR13	9/17/2017 8:40	29.32	72.2	5.25	7.3	SR13	9/17/2017 14:40	30.74	71.4	5.15	6.1	SR13	9/17/2017 20:40	30.28	72.1	5.22	6.1
SR13	9/17/2017 2:45	29.58	68.6	4.97	8.8	SR13	9/17/2017 8:45	29.32	73.4	5.34	7.0	SR13	9/17/2017 14:45	30.86	73.0	5.27	5.6	SR13	9/17/2017 20:45	30.27	73.2	5.30	6.7
SR13	9/17/2017 2:50	29.60	69.2	5.01	6.2	SR13	9/17/2017 8:50	29.33	72.0	5.23	8.0	SR13	9/17/2017 14:50	30.93	71.9	5.19	6.6	SR13	9/17/2017 20:50	30.22	72.7	5.27	5.9
SR13	9/17/2017 2:55	29.58	68.2	4.94	10.0	SR13	9/17/2017 8:55	29.35	73.6	5.35	7.8	SR13	9/17/2017 14:55	30.77	71.1	5.13	7.3	SR13	9/17/2017 20:55	30.18	73.1	5.30	5.8
SR13	9/17/2017 3:00	29.62	68.7	4.98	9.3	SR13	9/17/2017 9:00	29.37	72.8	5.29	6.2	SR13	9/17/2017 15:00	31.02	72.2	5.21	6.8	SR13	9/17/2017 21:00	30.15	73.3	5.31	5.9
SR13	9/17/2017 3:05	29.59	68.7	4.98	7.6	SR13	9/17/2017 9:05	29.42	73.1	5.31	8.3	SR13	9/17/2017 15:05	30.97	70.3	5.08	6.9	SR13	9/17/2017 21:05	30.13	74.3	5.39	5.6
SR13	9/17/2017 3:10	29.60	68.4	4.96	7.0	SR13	9/17/2017 9:10	29.39	72.2	5.24	8.3	SR13	9/17/2017 15:10	30.89	71.7	5.18	7.2	SR13	9/17/2017 21:10	30.11	74.8	5.42	6.1
SR13	9/17/2017 3:15	29.60	67.9	4.92	7.6	SR13	9/17/2017 9:15	29.42	73.2	5.32	8.7	SR13	9/17/2017 15:15	30.76	72.9	5.26	5.9	SR13	9/17/2017 21:15	30.13	73.8	5.35	6.9
SR13	9/17/2017 3:20	29.60	68.9	5.00	6.2	SR13	9/17/2017 9:20	29.44	72.9	5.29	5.4	SR13	9/17/2017 15:20	30.89	70.8	5.11	6.9	SR13	9/17/2017 21:20	30.15	73.9	5.36	6.4
SR13	9/17/2017 3:25	29.60	68.8	4.99	8.0	SR13	9/17/2017 9:25	29.47	73.9	5.37	6.2	SR13	9/17/2017 15:25	31.01	71.8	5.18	6.3	SR13	9/17/2017 21:25	30.14	72.9	5.28	5.8
SR13	9/17/2017 3:30	29.60	68.6	4.97	8.7	SR13	9/17/2017 9:30	29.48	73.6	5.34	5.8	SR13	9/17/2017 15:30	30.69	70.7	5.10	5.1	SR13	9/17/2017 21:30	30.02	72.7	5.27	6.9
SR13	9/17/2017 3:35	29.60	69.4	5.03	8.4	SR13	9/17/2017 9:35	29.47	72.7	5.28	8.7	SR13	9/17/2017 15:35	30.73	71.1	5.14	7.5	SR13	9/17/2017 21:35	30.04	73.5	5.33	6.4
SR13	9/17/2017 3:40	29.60	68.3	4.95	7.3	SR13	9/17/2017 9:40	29.44	73.4	5.33	8.8	SR13	9/17/2017 15:40	30.98	70.9	5.11	7.1	SR13	9/17/2017 21:40	30.09	72.3	5.25	6.7
SR13	9/17/2017 3:45	29.60	69.5	5.04	7.9	SR13	9/17/2017 9:45	29.40	72.6	5.27	9.3	SR13	9/17/2017 15:45	30.93	70.7	5.11	5.8	SR13	9/17/2017 21:45	29.95	71.2	5.17	5.0
SR13	9/17/2017 3:50	29.59	69.0	5.01	6.8	SR13	9/17/2017 9:50	29.62	73.1	5.30	6.7	SR13	9/17/2017 15:50	30.70	70.7	5.10	5.8	SR13	9/17/2017 21:50	29.88	71.8	5.21	5.5
SR13	9/17/2017 3:55	29.59	68.7	4.98	7.8	SR13	9/17/2017 9:55	29.63	73.1	5.31	8.8	SR13	9/17/2017 15:55	30.52	72.4	5.23	5.8	SR13	9/17/2017 21:55	29.85	72.9	5.29	5.9
SR13	9/17/2017 4:00	29.56	69.0	5.00	8.2	SR13	9/17/2017 10:00	29.57	73.1	5.31	6.9	SR13	9/17/2017 16:00	30.78	71.7	5.18	6.8	SR13	9/17/2017 22:00	29.83	73.4	5.33	6.0
SR13	9/17/2017 4:05	29.55	69.3	5.02	8.0	SR13	9/17/2017 10:05	29.59	72.7	5.27	5.7	SR13	9/17/2017 16:05	30.72	72.0	5.19	5.9	SR13	9/17/2017 22:05	29.85	73.0	5.30	5.9
SR13	9/17/2017 4:10	29.55	69.8	5.06	6.5	SR13	9/17/2017 10:10	29.63	72.0	5.22	5.2	SR13	9/17/2017 16:10	30.64	70.8	5.11	6.3	SR13	9/17/2017 22:10	29.80	73.5	5.33	5.8
SR13	9/17/2017 4:15	29.52	69.5	5.04	8.7	SR13	9/17/2017 10:15	29.58	73.0	5.29	6.8	SR13	9/17/2017 16:15	30.66	70.9	5.12	4.9	SR13	9/17/2017 22:15	29.79	72.8	5.29	6.2
SR13	9/17/2017 4:20	29.53	69.3	5.02	6.3	SR13	9/17/2017 10:20	29.59	72.2	5.23	6.1	SR13	9/17/2017 16:20	30.64	71.2	5.14	6.3	SR13	9/17/2017 22:20	29.75	73.1	5.30	6.1
SR13	9/17/2017 4:25	29.52	70.8	5.14	8.2	SR13	9/17/2017 10:25	29.62	72.1	5.22	7.6	SR13	9/17/2017 16:25	30.62	71.0	5.12	6.7	SR13	9/17/2017 22:25	29.76	71.9	5.21	6.4
SR13	9/17/2017 4:30	29.53	69.4	5.04	7.8	SR13	9/17/2017 10:30	29.70	71.4	5.17	7.5	SR13	9/17/2017 16:30	30.60	70.9	5.12	5.6	SR13	9/17/2017 22:30	29.78	72.1	5.23	6.8
SR13	9/17/2017 4:35	29.54	71.6	5.21	7.0	SR13	9/17/2017 10:35	29.79	71.8	5.20	11.5	SR13	9/17/2017 16:35	30.65	71.9	5.19	5.4	SR13	9/17/2017 22:35	29.79	72.9	5.29	7.3
SR13	9/17/2017 4:40	29.55	72.5	5.27	7.0	SR13	9/17/2017 10:40	29.90	71.4	5.17	6.8	SR13	9/17/2017 16:40	30.55	72.8	5.25	6.7	SR13	9/17/2017 22:40	29.81	72.3	5.24	5.8
SR13	9/17/2017 4:45	29.55	71.6	5.21	9.0	SR13	9/17/2017 10:45	29.89	71.1	5.15	8.0	SR13	9/17/2017 16:45	30.55	71.9	5.18	6.6	SR13	9/17/2017 22:45	29.80	73.6	5.34	6.5
SR13	9/17/2017 4:50	29.54	71.0	5.17	9.1	SR13	9/17/2017 10:50	29.97	70.5	5.11	6.7	SR13	9/17/2017 16:50	30.43	72.8	5.25	6.5	SR13	9/17/2017 22:50	29.79	71.9	5.21	7.3
SR13	9/17/2017 4:55	29.53	71.7	5.22	7.0	SR13	9/17/2017 10:55	30.04	71.2	5.16	7.4	SR13	9/17/2017 16:55	30.37	72.2	5.21	5.3	SR13	9/17/2017 22:55	29.80	72.5	5.26	5.9
SR13	9/17/2017 5:00	29.52	72.1	5.25	7.0	SR13	9/17/2017 11:00	30.08	71.1	5.15	6.2	SR13	9/17/2017 17:00	30.28	71.6	5.17	6.9	SR13	9/17/2017 23:00	29.78	72.8	5.28	6.2
SR13	9/17/2017 5:05	29.46	72.8	5.30	6.1	SR13	9/17/2017 11:05	30.03	71.6	5.18	7.6	SR13	9/17/2017 17:05	30.36	72.7	5.25	5.6	SR13	9/17/2017 23:05	29.79	71.7	5.20	7.0
SR13	9/17/2017 5:10	29.47	72.3	5.26	5.5	SR13	9/17/2017 11:10	30.16	71.4	5.17	6.5	SR13	9/17/2017 17:10	30.34	71.7	5.18	6.0	SR13	9/17/2017 23:10	29.75	72.0	5.23	7.2
SR13	9/17/2017 5:15	29.47	72.7	5.28	5.8	SR13	9/17/2017 11:15	30.13	71.0	5.13	7.4	SR13	9/17/2017 17:15	30.29	72.0	5.20	5.8	SR13	9/17/2017 23:15	29.74	73.2	5.31	6.7
SR13	9/17/2017 5:20	29.43	73.0	5.31	6.9	SR13	9/17/2017 11:20	30.20	71.0	5.14	5.9	SR13	9/17/2017 17:20	30.28	72.0	5.19	4.9	SR13	9/17/2017 23:20	29.72	72.6	5.26	7.1
SR13	9/17/2017 5:25	29.42	72.6	5.29	7.5	SR13	9/17/2017 11:25	30.22	71.5	5.18	7.6	SR13	9/17/2017 17:25	30.21	72.3	5.22	5.3	SR13	9/17/2017 23:25	29.70	73.3	5.32	6.9
SR13	9/17/2017 5:30	29.41	72.3	5.27	8.0	SR13	9/17/2017 11:30	30.23	71.0	5.14	5.1	SR13	9/17/2017 17:30	30.09	72.4	5.23	5.8	SR13	9/17/2017 23:30	29.69	73.6	5.34	6.8
SR13	9/17/2017 5:35	29.40	73.5	5.35	5.5	SR13	9/17/2017 11:35	30.27	71.2	5.15	7.7	SR13	9/17/2017 17:35	30.18	72.4	5.23	5.2	SR13	9/17/2017 23:35	29.66	71.3	5.17	6.7
SR13	9/17/2017 5:40	29.38	73.6	5.36	6.4	SR13	9/17/2017 11:40	30.25	70.3	5.09	7.3	SR13	9/17/2017 17:40	30.22	71.4	5.16	6.2	SR13	9/17/2017 23:40	29.67	71.4	5.17	6.5
SR13	9/17/2017 5:45	29.35	72.2	5.26	7.9	SR13	9/17/2017 11:45	30.40	71.3	5.16	6.3	SR13	9/17/2017 17:45	30.14	70.3	5.08	5.5	SR13	9/17/2017 23:45	29.67	71.1	5.16	6.3
SR13	9/17/2017 5:50	29.33	72.6	5.29	8.3	SR13	9/17/2017 11:50	30.36	71.2	5.15	8.9	SR13	9/17/2017 17:50	30.17	71.1	5.13	6.0	SR13	9/17/2017 23:50	29.67	70.7	5.12	6.5
SR13	9/17/2017 5:55	29.31	73.1	5.33	6.5	SR13	9/17/2017 11:55	30.35	71.5	5.17	5.4	SR13	9/17/2017 17:55	30.23	71.1	5.14	7.2	SR13	9/17/2017 23:55	29.68	70.9	5.14	7.0

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	9/17/2017 0:17	0.10				SR12	9/17/2017 0:17	0.03			
SR4	9/17/2017 0:37	0.10				SR12	9/17/2017 0:37	0.04			
SR4	9/17/2017 0:57	0.10				SR12	9/17/2017 0:57	0.05			
SR4	9/17/2017 1:17	0.12				SR12	9/17/2017 1:17	0.04			
SR4	9/17/2017 1:37	0.10				SR12	9/17/2017 1:37	0.05			
SR4	9/17/2017 1:57	0.12				SR12	9/17/2017 1:57	0.03			
SR4	9/17/2017 2:17	0.12				SR12	9/17/2017 2:17	0.02			
SR4	9/17/2017 2:37	0.10				SR12	9/17/2017 2:37	0.03			
SR4	9/17/2017 2:57	0.09				SR12	9/17/2017 2:57	0.03			
SR4	9/17/2017 3:17	0.10				SR12	9/17/2017 3:17	0.02			
SR4	9/17/2017 3:37	0.10				SR12	9/17/2017 3:37	0.02			
SR4	9/17/2017 3:57	0.09				SR12	9/17/2017 3:57	0.03			
SR4	9/17/2017 4:17	0.12				SR12	9/17/2017 4:17	0.03			
SR4	9/17/2017 4:37	0.11				SR12	9/17/2017 4:37	0.04			
SR4	9/17/2017 4:57	0.10				SR12	9/17/2017 4:57	0.03			
SR4	9/17/2017 5:17	0.11				SR12	9/17/2017 5:17	0.03			
SR4	9/17/2017 5:37	0.13				SR12	9/17/2017 5:37	0.03			
SR4	9/17/2017 5:57	0.11				SR12	9/17/2017 5:57	0.03			
SR4						SR12					
SR4	9/17/2017 6:37	0.12				SR12	9/17/2017 6:37	0.03			
SR4	9/17/2017 6:57	0.11				SR12	9/17/2017 6:57	0.02			
SR4	9/17/2017 7:17	0.09				SR12	9/17/2017 7:17	0.02			
SR4	9/17/2017 7:37	0.09				SR12	9/17/2017 7:37	0.02			
SR4	9/17/2017 7:57	0.09				SR12	9/17/2017 7:57	0.03			
SR4	9/17/2017 8:17	0.09				SR12	9/17/2017 8:17	0.02			
SR4	9/17/2017 8:37	0.11				SR12	9/17/2017 8:37	0.02			
SR4	9/17/2017 8:57	0.11				SR12	9/17/2017 8:57	0.04			
SR4	9/17/2017 9:17	0.11				SR12	9/17/2017 9:17	0.04			
SR4	9/17/2017 9:37	0.13				SR12	9/17/2017 9:37	0.04			
SR4	9/17/2017 9:57	0.12				SR12	9/17/2017 9:57	0.04			
SR4	9/17/2017 10:17	0.13				SR12	9/17/2017 10:17	0.03			
SR4	9/17/2017 10:37	0.14				SR12	9/17/2017 10:37	0.03			
SR4	9/17/2017 10:57	0.13				SR12	9/17/2017 10:57	0.03			
SR4	9/17/2017 11:17	0.13				SR12	9/17/2017 11:17	0.03			
SR4	9/17/2017 11:37	0.11				SR12	9/17/2017 11:37	0.04			
SR4	9/17/2017 11:57	0.08				SR12	9/17/2017 11:57	0.03			
SR4	9/17/2017 12:17	0.09				SR12	9/17/2017 12:17	0.02			
SR4	9/17/2017 12:37	0.07				SR12	9/17/2017 12:37	0.03			
SR4	9/17/2017 12:57	0.07				SR12	9/17/2017 12:57	0.04			
SR4	9/17/2017 13:17	0.08				SR12	9/17/2017 13:17	0.03			
SR4	9/17/2017 13:37	0.06				SR12	9/17/2017 13:37	0.03			
SR4	9/17/2017 13:57	0.09				SR12	9/17/2017 13:57	0.04			
SR4	9/17/2017 14:17	0.08				SR12	9/17/2017 14:17	0.05			
SR4	9/17/2017 14:37	0.09				SR12	9/17/2017 14:37	0.03			
SR4	9/17/2017 14:57	0.07				SR12	9/17/2017 14:57	0.03			
SR4	9/17/2017 15:17	0.08				SR12	9/17/2017 15:17	0.04			
SR4	9/17/2017 15:37	0.08				SR12	9/17/2017 15:37	0.03			
SR4	9/17/2017 15:57	0.07				SR12	9/17/2017 15:57	0.04			
SR4	9/17/2017 16:17	0.08				SR12	9/17/2017 16:17	0.03			
SR4	9/17/2017 16:37	0.10				SR12	9/17/2017 16:37	0.03			
SR4	9/17/2017 16:57	0.08				SR12	9/17/2017 16:57	0.03			
SR4	9/17/2017 17:17	0.07				SR12	9/17/2017 17:17	0.02			
SR4	9/17/2017 17:37	0.07				SR12	9/17/2017 17:37	0.04			
SR4	9/17/2017 17:57	0.08				SR12	9/17/2017 17:57	0.04			
SR4	9/17/2017 18:17	0.09				SR12	9/17/2017 18:17	0.04			
SR4	9/17/2017 18:37	0.07				SR12	9/17/2017 18:37	0.04			
SR4	9/17/2017 18:57	0.07				SR12	9/17/2017 18:57	0.04			
SR4	9/17/2017 19:17	0.08				SR12	9/17/2017 19:17	0.03			
SR4	9/17/2017 19:37	0.07				SR12	9/17/2017 19:37	0.04			
SR4	9/17/2017 19:57	0.06				SR12	9/17/2017 19:57	0.03			
SR4	9/17/2017 20:17	0.08				SR12	9/17/2017 20:17	0.02			
SR4	9/17/2017 20:37	0.08				SR12	9/17/2017 20:37	0.04			
SR4	9/17/2017 20:57	0.07				SR12	9/17/2017 20:57	0.03			
SR4	9/17/2017 21:17	0.08				SR12	9/17/2017 21:17	0.04			
SR4	9/17/2017 21:37	0.09				SR12	9/17/2017 21:37	0.03			
SR4	9/17/2017 21:57	0.08				SR12	9/17/2017 21:57	0.03			
SR4	9/17/2017 22:17	0.08				SR12	9/17/2017 22:17	0.03			
SR4	9/17/2017 22:37	0.07				SR12	9/17/2017 22:37	0.06			
SR4	9/17/2017 22:57	0.07				SR12	9/17/2017 22:57	0.08			
SR4	9/17/2017 23:17	0.07				SR12	9/17/2017 23:17	0.06			
SR4	9/17/2017 23:37	0.08				SR12	9/17/2017 23:37	0.05			
SR4	9/17/2017 23:57	0.09				SR12	9/17/2017 23:57	0.05			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR4	9/18/2017 0:01	29.66	72.6	5.48	6.7	SR4	9/18/2017 6:01	29.60	74.7	5.65	**10.1**	SR4	9/18/2017 12:01	30.21	81.8	6.13	8.1	SR4	9/18/2017 18:01	30.14	84.6	6.28	7.3
SR4	9/18/2017 0:06	29.60	73.1	5.52	5.9	SR4	9/18/2017 6:06	29.66	75.9	5.75	9.8	SR4	9/18/2017 12:06	30.33	80.8	6.04	8.1	SR4	9/18/2017 18:06	30.24	80.8	6.00	6.6
SR4	9/18/2017 0:11	29.63	73.6	5.56	6.5	SR4	9/18/2017 6:11	29.58	80.0	6.07	**10.3**	SR4	9/18/2017 12:11	30.15	80.2	6.01	8.4	SR4	9/18/2017 18:11	30.13	81.6	6.06	6.8
SR4	9/18/2017 0:16	29.67	72.8	5.50	5.9	SR4	9/18/2017 6:16	29.64	81.2	6.16	8.4	SR4						SR4	9/18/2017 18:16	30.06	82.2	6.11	6.8
SR4	9/18/2017 0:21	29.44	74.1	5.60	6.5	SR4	9/18/2017 6:21	29.66	80.9	6.14	9.7	SR4						SR4	9/18/2017 18:21	30.08	82.0	6.09	7.3
SR4	9/18/2017 0:26	29.59	70.2	5.29	6.2	SR4	9/18/2017 6:26	29.64	81.4	6.18	7.0	SR4						SR4	9/18/2017 18:26	30.18	81.8	6.08	6.7
SR4	9/18/2017 0:31	29.58	68.8	5.19	4.3	SR4	9/18/2017 6:31	29.58	81.2	6.16	7.8	SR4						SR4	9/18/2017 18:31	30.17	80.8	6.00	6.9
SR4	9/18/2017 0:36	29.49	68.7	5.18	5.6	SR4	9/18/2017 6:36	29.57	80.0	6.07	6.7	SR4						SR4	9/18/2017 18:36	30.02	80.7	6.00	7.0
SR4	9/18/2017 0:41	29.56	67.7	5.11	6.3	SR4	9/18/2017 6:41	29.67	79.9	6.05	5.4	SR4						SR4	9/18/2017 18:41	30.01	81.3	6.05	7.4
SR4	9/18/2017 0:46	29.71	67.4	5.08	4.7	SR4	9/18/2017 6:46	29.54	79.8	6.04	6.4	SR4						SR4	9/18/2017 18:46	29.94	81.7	6.08	7.1
SR4	9/18/2017 0:51	29.57	66.7	5.03	5.8	SR4	9/18/2017 6:51	29.69	79.8	6.05	**10.1**	SR4						SR4	9/18/2017 18:51	30.13	81.5	6.07	7.3
SR4	9/18/2017 0:56	29.48	66.1	5.00	6.4	SR4	9/18/2017 6:56	29.61	78.8	5.97	4.4	SR4						SR4	9/18/2017 18:56	29.97	83.4	6.20	7.0
SR4	9/18/2017 1:01	29.59	67.2	5.08	5.3	SR4	9/18/2017 7:01	29.77	79.4	6.02	5.9	SR4						SR4	9/18/2017 19:01	29.98	81.2	6.04	6.9
SR4	9/18/2017 1:06	29.60	67.3	5.08	4.3	SR4	9/18/2017 7:06	29.73	78.5	5.95	9.6	SR4						SR4	9/18/2017 19:06	29.89	80.5	5.99	6.7
SR4	9/18/2017 1:11	29.62	68.7	5.19	4.3	SR4	9/18/2017 7:11	29.67	77.7	5.89	8.8	SR4						SR4	9/18/2017 19:11	30.05	80.0	5.96	7.3
SR4	9/18/2017 1:16	29.64	68.9	5.20	6.5	SR4	9/18/2017 7:16	29.47	77.9	5.91	8.5	SR4	9/18/2017 13:16	30.28	82.8	6.18	8.5	SR4	9/18/2017 19:16	29.92	79.5	5.92	7.5
SR4	9/18/2017 1:21	29.70	67.4	5.09	5.9	SR4	9/18/2017 7:21	29.55	78.4	5.95	8.6	SR4	9/18/2017 13:21	30.34	83.9	6.26	8.3	SR4	9/18/2017 19:21	29.87	78.9	5.89	7.1
SR4	9/18/2017 1:26	29.82	69.6	5.26	6.1	SR4	9/18/2017 7:26	29.62	79.2	6.01	9.3	SR4	9/18/2017 13:26	30.35	83.8	6.23	8.2	SR4	9/18/2017 19:26	29.94	79.6	5.94	7.4
SR4	9/18/2017 1:31	29.68	71.2	5.37	6.3	SR4	9/18/2017 7:31	29.58	77.7	5.89	9.9	SR4	9/18/2017 13:31	30.46	86.3	6.41	8.2	SR4	9/18/2017 19:31	29.90	80.3	5.99	6.9
SR4	9/18/2017 1:36	29.82	71.9	5.43	6.2	SR4	9/18/2017 7:36	29.41	79.0	5.99	4.7	SR4	9/18/2017 13:36	30.40	87.9	6.54	8.0	SR4	9/18/2017 19:36	30.02	81.8	6.10	6.5
SR4	9/18/2017 1:41	29.69	74.5	5.62	4.3	SR4	9/18/2017 7:41	29.42	77.3	5.86	6.2	SR4	9/18/2017 13:41	30.48	86.6	6.44	7.7	SR4	9/18/2017 19:41	30.00	81.7	6.10	6.9
SR4	9/18/2017 1:46	29.80	72.8	5.49	4.9	SR4	9/18/2017 7:46	29.42	77.6	5.88	**10.0**	SR4	9/18/2017 13:46	30.22	92.6	6.88	7.8	SR4	9/18/2017 19:46	30.00	81.9	6.12	6.7
SR4	9/18/2017 1:51	29.85	71.1	5.36	4.8	SR4	9/18/2017 7:51	29.29	76.8	5.82	7.6	SR4	9/18/2017 13:51	30.36	91.8	6.81	7.6	SR4	9/18/2017 19:51	29.87	79.4	5.94	7.2
SR4	9/18/2017 1:56	29.86	70.9	5.35	5.1	SR4	9/18/2017 7:56	29.26	76.6	5.81	9.6	SR4	9/18/2017 13:56	30.30	90.9	6.76	7.9	SR4	9/18/2017 19:56	30.00	79.6	5.96	7.0
SR4	9/18/2017 2:01	29.80	73.7	5.56	4.9	SR4	9/18/2017 8:01	29.24	75.7	5.74	7.4	SR4	9/18/2017 14:01	30.35	93.1	6.91	8.4	SR4	9/18/2017 20:01	29.95	78.0	5.84	7.4
SR4	9/18/2017 2:06	29.82	76.1	5.74	4.7	SR4	9/18/2017 8:06	29.41	75.9	5.76	8.0	SR4	9/18/2017 14:06	30.27	92.5	6.87	8.2	SR4	9/18/2017 20:06	30.06	78.5	5.88	7.1
SR4	9/18/2017 2:11	29.87	76.6	5.77	5.1	SR4	9/18/2017 8:11	29.54	80.5	6.11	9.4	SR4	9/18/2017 14:11	30.45	95.4	7.08	8.2	SR4	9/18/2017 20:11	29.88	78.1	5.86	6.5
SR4	9/18/2017 2:16	29.89	77.5	5.84	9.8	SR4	9/18/2017 8:16	29.46	78.6	5.96	5.8	SR4	9/18/2017 14:16	30.54	96.3	7.15	8.4	SR4	9/18/2017 20:16	29.97	80.2	6.02	6.5
SR4	9/18/2017 2:21	29.93	77.3	5.82	7.2	SR4	9/18/2017 8:21	29.40	79.1	6.00	8.4	SR4	9/18/2017 14:21	30.64	94.7	7.03	7.9	SR4	9/18/2017 20:21	29.84	78.3	5.87	6.6
SR4	9/18/2017 2:26	29.94	76.7	5.78	6.6	SR4	9/18/2017 8:26	29.48	80.5	6.10	**18.8**	SR4	9/18/2017 14:26	30.61	96.8	7.18	8.3	SR4	9/18/2017 20:26	29.86	80.3	6.01	7.2
SR4	9/18/2017 2:31	29.90	74.9	5.64	4.0	SR4	9/18/2017 8:31	29.48	80.3	6.09	**10.6**	SR4	9/18/2017 14:31	30.44	98.1	7.27	8.2	SR4	9/18/2017 20:31	29.91	79.3	5.94	6.6
SR4	9/18/2017 2:36	29.92	73.8	5.56	6.5	SR4	9/18/2017 8:36	29.50	79.2	6.00	9.9	SR4	9/18/2017 14:36	30.58	97.0	7.19	8.2	SR4	9/18/2017 20:36	29.87	78.9	5.92	3.4
SR4	9/18/2017 2:41	29.87	73.7	5.55	4.0	SR4	9/18/2017 8:41	29.78	79.2	6.01	8.8	SR4	9/18/2017 14:41	30.65	99.0	7.34	7.5	SR4	9/18/2017 20:41	29.83	79.3	5.95	5.2
SR4	9/18/2017 2:46	29.95	73.7	5.55	4.6	SR4	9/18/2017 8:46	29.87	78.7	5.96	6.8	SR4	9/18/2017 14:46	30.66	96.9	7.20	8.5	SR4	9/18/2017 20:46	29.75	78.9	5.91	6.0
SR4	9/18/2017 2:51	30.00	73.1	5.50	4.9	SR4	9/18/2017 8:51	29.70	75.9	5.76	**10.2**	SR4	9/18/2017 14:51	30.62	97.1	7.21	8.4	SR4	9/18/2017 20:51	29.73	78.9	5.92	5.7
SR4	9/18/2017 2:56	30.02	73.0	5.50	4.8	SR4	9/18/2017 8:56	29.66	75.0	5.69	6.2	SR4	9/18/2017 14:56	30.65	97.1	7.20	8.5	SR4	9/18/2017 20:56	29.69	76.9	5.78	2.2
SR4	9/18/2017 3:01	30.01	72.2	5.43	5.3	SR4	9/18/2017 9:01	29.76	75.6	5.74	9.7	SR4	9/18/2017 15:01	30.78	95.0	7.05	8.1	SR4	9/18/2017 21:01	29.68	76.2	5.73	6.3
SR4	9/18/2017 3:06	30.02	71.5	5.39	4.0	SR4	9/18/2017 9:06	29.71	74.4	5.65	6.7	SR4	9/18/2017 15:06	30.68	96.0	7.12	7.5	SR4	9/18/2017 21:06	29.76	77.7	5.83	2.6
SR4	9/18/2017 3:11	29.75	71.7	5.40	6.0	SR4	9/18/2017 9:11	29.56	74.8	5.68	9.7	SR4	9/18/2017 15:11	30.65	93.6	6.95	8.3	SR4	9/18/2017 21:11	29.62	75.5	5.68	3.4
SR4	9/18/2017 3:16	29.80	71.3	5.37	4.3	SR4	9/18/2017 9:16	29.58	75.4	5.72	5.3	SR4	9/18/2017 15:16	30.67	96.2	7.14	7.7	SR4	9/18/2017 21:16	29.77	74.8	5.63	2.6
SR4	9/18/2017 3:21	29.75	70.1	5.28	6.1	SR4	9/18/2017 9:21	29.55	74.2	5.63	**10.4**	SR4	9/18/2017 15:21	30.77	93.6	6.95	7.8	SR4	9/18/2017 21:21	29.60	76.4	5.75	4.6
SR4	9/18/2017 3:26	29.85	70.7	5.32	5.5	SR4	9/18/2017 9:26	29.37	80.0	6.05	**10.4**	SR4	9/18/2017 15:26	30.69	90.4	6.72	7.8	SR4	9/18/2017 21:26	29.66	80.7	6.05	3.8
SR4	9/18/2017 3:31	29.89	70.3	5.29	4.6	SR4	9/18/2017 9:31	29.55	82.7	6.24	**11.0**	SR4	9/18/2017 15:31	30.66	87.2	6.47	8.3	SR4	9/18/2017 21:31	29.61	81.5	6.11	3.4
SR4	9/18/2017 3:36	29.88	69.4	5.23	5.8	SR4	9/18/2017 9:36	29.65	83.3	6.29	**10.1**	SR4	9/18/2017 15:36	30.66	89.7	6.65	8.4	SR4	9/18/2017 21:36	29.61	81.2	6.09	4.7
SR4	9/18/2017 3:41	29.88	69.3	5.22	4.3	SR4	9/18/2017 9:41	29.78	85.3	6.43	8.7	SR4	9/18/2017 15:41	30.65	85.9	6.37	7.9	SR4	9/18/2017 21:41	29.63	81.2	6.09	2.1
SR4	9/18/2017 3:46	29.87	67.8	5.11	4.1	SR4	9/18/2017 9:46	29.58	83.0	6.26	9.3	SR4	9/18/2017 15:46	30.56	84.9	6.29	8.3	SR4	9/18/2017 21:46	29.60	79.9	5.99	4.5
SR4	9/18/2017 3:51	29.96	68.0	5.13	4.5	SR4	9/18/2017 9:51	29.52	84.4	6.37	8.9	SR4	9/18/2017 15:51	30.30	82.0	6.08	8.2	SR4	9/18/2017 21:51	29.64	79.5	5.97	3.2
SR4	9/18/2017 3:56	29.91	66.6	5.02	6.1	SR4	9/18/2017 9:56	29.80	82.9	6.26	8.7	SR4	9/18/2017 15:56	30.44	82.2	6.09	8.0	SR4	9/18/2017 21:56	29.51	82.4	6.18	2.7
SR4	9/18/2017 4:01	29.80	66.2	5.00	5.8	SR4	9/18/2017 10:01	29.84	86.1	6.48	8.0	SR4	9/18/2017 16:01	30.32	81.0	6.01	7.9	SR4	9/18/2017 22:01	29.52	81.8	6.14	4.6
SR4	9/18/2017 4:06	29.94	67.2	5.07	5.4	SR4	9/18/2017 10:06	29.82	82.8	6.24	9.3	SR4	9/18/2017 16:06	30.01	80.1	5.94	7.6	SR4	9/18/2017 22:06	29.55	79.6	5.97	3.1
SR4	9/18/2017 4:11	29.94	68.4	5.16	4.4	SR4	9/18/2017 10:11	29.80	84.1	6.31	8.2	SR4	9/18/2017 16:11	29.98	79.3	5.88	8.2	SR4	9/18/2017 22:11	29.54	78.4	5.89	6.5
SR4	9/18/2017 4:16	29.98	67.2	5.07	5.1	SR4	9/18/2017 10:16	29.78	84.2	6.32	**10.1**	SR4	9/18/2017 16:16	30.24	79.8	5.91	8.2	SR4	9/18/2017 22:16	29.47	78.6	5.91	5.7
SR4	9/18/2017 4:21	30.01	68.4	5.16	8.6	SR4	9/18/2017 10:21	29.87	83.7	6.28	9.3	SR4	9/18/2017 16:21	30.12	79.4	5.88	7.9	SR4	9/18/2017 22:21	29.59	78.5	5.90	3.8
SR4	9/18/2017 4:26	29.98	68.2	5.15	**10.4**	SR4	9/18/2017 10:26	29.91	85.7	6.42	**10.3**	SR4	9/18/2017 16:26	30.14	79.4	5.88	7.8	SR4	9/18/2017 22:26	29.48	79.4	5.96	2.1
SR4	9/18/2017 4:31	29.96	69.5	5.25	**10.7**	SR4	9/18/2017 10:31	29.98	86.3	6.46	**10.4**	SR4	9/18/2017 16:31	30.14	80.2	5.94	7.7	SR4	9/18/2017 22:31	29.56	81.2	6.10	4.7
SR4	9/18/2017 4:36	29.74	68.7	5.19	9.6	SR4	9/18/2017 10:36	29.91	86.8	6.50	**10.7**	SR4	9/18/2017 16:36	29.97	78.8	5.83	8.2	SR4	9/18/2017 22:36	29.51	79.7	5.98	2.4
SR4	9/18/2017 4:41	29.74	71.3	5.38	8.7	SR4	9/18/2017 10:41	29.74	85.5	6.40	8.2	SR4	9/18/2017 16:41	30.18	79.8	5.91	8.3	SR4	9/18/2017 22:41	29.50	78.9	5.93	2.2
SR4	9/18/2017 4:46	29.74	69.5	5.25	9.5	SR4	9/18/2017 10:46	29.65	86.4	6.45	**10.0**	SR4	9/18/2017 16:46	30.07	79.2	5.87	8.3	SR4	9/18/2017 22:46	29.49	79.1	5.94	4.7
SR4	9/18/2017 4:51	29.69	67.9	5.14	7.2	SR4	9/18/2017 10:51	29.80	88.2	6.60	8.2	SR4	9/18/2017 16:51	29.84	80.4	5.96	7.5	SR4	9/18/2017 22:51	29.59	77.7	5.84	4.1
SR4	9/18/2017 4:56	29.60	69.6	5.26	6.4	SR4	9/18/2017 10:56	29.76	84.1	6.29	9.9	SR4	9/18/2017 16:56	29.85	79.5	5.89	7.5	SR4	9/18/2017 22:56	29.52	77.5	5.83	3.7
SR4	9/18/2017 5:01	29.69	71.5	5.40	7.0	SR4	9/18/2017 11:01	29.90	86.9	6.50	8.9	SR4	9/18/2017 17:01	29.83	80.8	5.99	6.9	SR4	9/18/2017 23:01	29.57	75.5	5.68	4.6
SR4	9/18/2017 5:06	29.52	74.0	5.59	**10.8**	SR4	9/18/2017 11:06	29.99	84.6	6.34	**10.1**	SR4	9/18/2017 17:06	29.76	80.4	5.96	6.7	SR4	9/18/2017 23:06	29.59	76.7	5.77	3.8
SR4	9/18/2017 5:11	29.58	72.0	5.44	7.8	SR4	9/18/2017 11:11	30.18	88.8	6.64	**10.3**	SR4	9/18/2017 17:11	29.98	80.8	5.99	6.8	SR4	9/18/2017 23:11	29.60	79.5	5.98	2.0
SR4	9/18/2017 5:16	29.65	70.1	5.30	6.1	SR4	9/18/2017 11:16	30.20	85.4	6.39	8.5	SR4	9/18/2017 17:16	30.21	83.0	6.16	7.2	SR4	9/18/2017 23:16	29.49	78.6	5.91	2.5
SR4	9/18/2017 5:21	29.72	70.0	5.29	6.4	SR4	9/18/2017 11:21	30.24	84.4	6.31	7.9	SR4	9/18/2017 17:21	30.16	80.1	5.95	7.1	SR4	9/18/2017 23:21	29.60	79.1	5.94	4.8
SR4	9/18/2017 5:26	29.59	69.1	5.22	**10.3**	SR4	9/18/2017 11:26	30.27	85.3	6.35	8.5	SR4	9/18/2017 17:26	30.17	82.7	6.13	6.7	SR4	9/18/2017 23:26	29.62	79.7	6.00	3.9
SR4	9/18/2017 5:31	29.47	69.0	5.21	8.8	SR4	9/18/2017 11:31	30.14	84.6	6.31	7.5	SR4	9/18/2017 17:31	30.12	80.8	5.99	6.5	SR4	9/18/2017 23:31	29.56	79.7	6.00	4.5
SR4	9/18/2017 5:36	29.69	68.0	5.14	9.3	SR4	9/18/2017 11:36	30.07	77.5	5.81	7.7	SR4	9/18/2017 17:36	30.28	83.9	6.22	7.0	SR4	9/18/2017 23:36	29.66	79.2	5.96	5.7
SR4	9/18/2017 5:41	29.43	67.6	5.11	6.3	SR4	9/18/2017 11:41	30.11	86.4	6.44	8.3	SR4	9/18/2017 17:41	30.08	81.2	6.03	7.5	SR4	9/18/2017 23:41	29.49	77.6	5.84	2.2
SR4	9/18/2017 5:46	29.55	67.8	5.13	8.1	SR4	9/18/2017 11:46	30.31	87.4	6.50	8.5	SR4	9/18/2017 17:46	30.17	81.3	6.03	7.2	SR4	9/18/2017 23:46	29.45	77.8	5.86	4.8
SR4	9/18/2017 5:51	29.43	69.1	5.23	**10.5**	SR4	9/18/2017 11:51	30.15	81.8	6.12	7.5	SR4	9/18/2017 17:51	30.15	81.1	6.02	7.0	SR4	9/18/2017 23:51	29.56	77.8	5.86	5.8
SR4	9/18/2017 5:56	29.57	74.5	5.64	6.3	SR4	9/18/2017 11:56	30.15	80.5	6.03	7.8	SR4	9/18/2017 17:56	30.20	82.2	6.10	6.6	SR4	9/18/2017 23:56	29.49	78.2	5.88	4.5

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR5	9/18/2017 0:00	29.45	72.8	5.35	3.7	SR5	9/18/2017 6:00	29.39	73.9	5.44	4.2	SR5	9/18/2017 12:00	30.07	77.6	5.69	3.6	SR5	9/18/2017 18:00	30.01	79.1	5.77	4.1
SR5	9/18/2017 0:05	29.45	73.9	5.43	2.8	SR5	9/18/2017 6:05	29.41	74.4	5.48	4.0	SR5	9/18/2017 12:05	30.04	77.1	5.64	3.5	SR5	9/18/2017 18:05	30.00	76.8	5.60	3.0
SR5	9/18/2017 0:10	29.44	73.9	5.43	3.4	SR5	9/18/2017 6:10	29.42	76.5	5.64	4.8	SR5	9/18/2017 12:10	30.00	77.8	5.70	3.6	SR5	9/18/2017 18:10	29.96	77.9	5.68	4.5
SR5	9/18/2017 0:15	29.43	72.9	5.36	2.8	SR5	9/18/2017 6:15	29.42	77.4	5.71	3.7	SR5	9/18/2017 12:15	30.00	79.3	5.80	4.0	SR5	9/18/2017 18:15	29.97	78.2	5.70	4.5
SR5	9/18/2017 0:20	29.43	73.5	5.40	3.5	SR5	9/18/2017 6:20	29.42	77.4	5.71	4.1	SR5	9/18/2017 12:20	29.99	78.5	5.74	4.2	SR5	9/18/2017 18:20	29.98	77.8	5.67	4.3
SR5	9/18/2017 0:25	29.43	71.7	5.26	3.4	SR5	9/18/2017 6:25	29.43	78.2	5.77	3.4	SR5	9/18/2017 12:25	29.98	80.3	5.88	3.7	SR5	9/18/2017 18:25	29.98	77.9	5.68	4.0
SR5	9/18/2017 0:30	29.41	71.9	5.27	3.0	SR5	9/18/2017 6:30	29.44	77.8	5.74	3.6	SR5	9/18/2017 12:30	29.97	78.5	5.74	3.8	SR5	9/18/2017 18:30	29.99	78.1	5.69	4.0
SR5	9/18/2017 0:35	29.38	72.2	5.51	2.9	SR5	9/18/2017 6:35	29.50	76.3	5.63	3.6	SR5	9/18/2017 12:35	29.94	79.2	5.79	3.7	SR5	9/18/2017 18:35	29.97	77.8	5.67	3.9
SR5	9/18/2017 0:40	29.40	72.7	5.54	3.8	SR5	9/18/2017 6:40	29.52	77.0	5.67	2.8	SR5	9/18/2017 12:40	29.90	79.9	5.84	3.6	SR5	9/18/2017 18:40	29.92	77.8	5.68	4.0
SR5	9/18/2017 0:45	29.41	72.8	5.54	2.7	SR5	9/18/2017 6:45	29.51	77.6	5.71	3.1	SR5	9/18/2017 12:45	29.89	79.3	5.80	3.6	SR5	9/18/2017 18:45	29.91	77.7	5.67	3.9
SR5	9/18/2017 0:50	29.41	72.2	5.50	3.7	SR5	9/18/2017 6:50	29.47	77.3	5.70	3.7	SR5	9/18/2017 12:50	29.92	79.4	5.81	3.5	SR5	9/18/2017 18:50	29.90	77.3	5.65	3.8
SR5	9/18/2017 0:55	29.40	71.2	5.44	3.0	SR5	9/18/2017 6:55	29.51	75.8	5.59	3.3	SR5	9/18/2017 12:55	30.00	80.3	5.87	3.4	SR5	9/18/2017 18:55	29.89	78.1	5.70	3.9
SR5	9/18/2017 1:00	29.44	71.6	5.47	3.5	SR5	9/18/2017 7:00	29.56	76.3	5.62	3.4	SR5	9/18/2017 13:00	30.19	79.8	5.84	4.9	SR5	9/18/2017 19:00	29.82	77.5	5.66	3.7
SR5	9/18/2017 1:05	29.49	71.5	5.46	2.9	SR5	9/18/2017 7:05	29.47	75.6	5.57	3.6	SR5	9/18/2017 13:05	30.23	80.0	5.85	5.5	SR5	9/18/2017 19:05	29.82	77.2	5.63	3.7
SR5	9/18/2017 1:10	29.56	72.0	5.29	3.1	SR5	9/18/2017 7:10	29.41	75.1	5.54	3.5	SR5	9/18/2017 13:10	30.21	79.4	5.81	3.9	SR5	9/18/2017 19:10	29.83	77.4	5.65	3.6
SR5	9/18/2017 1:15	29.59	71.8	5.27	3.9	SR5	9/18/2017 7:15	29.39	76.0	5.60	4.0	SR5	9/18/2017 13:15	30.22	78.1	5.71	3.4	SR5	9/18/2017 19:15	29.84	77.2	5.64	3.6
SR5	9/18/2017 1:20	29.63	71.0	5.21	3.2	SR5	9/18/2017 7:20	29.41	76.0	5.61	4.0	SR5	9/18/2017 13:20	30.23	78.8	5.76	4.1	SR5	9/18/2017 19:20	29.81	76.1	5.56	3.5
SR5	9/18/2017 1:25	29.62	72.5	5.32	3.2	SR5	9/18/2017 7:25	29.39	75.9	5.60	4.0	SR5	9/18/2017 13:25	30.25	78.9	5.76	5.2	SR5	9/18/2017 19:25	29.81	76.1	5.56	3.5
SR5	9/18/2017 1:30	29.63	72.7	5.34	3.3	SR5	9/18/2017 7:30	29.37	75.2	5.54	3.8	SR5	9/18/2017 13:30	30.26	80.1	5.84	4.4	SR5	9/18/2017 19:30	29.80	76.6	5.60	3.4
SR5	9/18/2017 1:35	29.64	72.2	5.31	3.4	SR5	9/18/2017 7:35	29.33	77.0	5.68	3.3	SR5	9/18/2017 13:35	30.29	80.3	5.87	3.6	SR5	9/18/2017 19:35	29.80	77.5	5.66	3.5
SR5	9/18/2017 1:40	29.65	73.9	5.43	2.8	SR5	9/18/2017 7:40	29.28	75.7	5.58	3.6	SR5	9/18/2017 13:40	30.27	79.6	5.81	3.4	SR5	9/18/2017 19:40	29.80	78.0	5.71	3.3
SR5	9/18/2017 1:45	29.66	73.5	5.40	3.0	SR5	9/18/2017 7:45	29.27	75.9	5.59	3.7	SR5	9/18/2017 13:45	30.20	83.3	6.08	3.1	SR5	9/18/2017 19:45	29.81	77.8	5.69	3.2
SR5	9/18/2017 1:50	29.68	72.2	5.30	3.2	SR5	9/18/2017 7:50	29.22	76.0	5.60	3.5	SR5	9/18/2017 13:50	30.14	82.9	6.05	4.8	SR5	9/18/2017 19:50	29.80	76.3	5.58	3.2
SR5	9/18/2017 1:55	29.67	73.1	5.36	3.1	SR5	9/18/2017 7:55	29.18	75.4	5.56	3.7	SR5	9/18/2017 13:55	30.12	81.9	5.99	3.4	SR5	9/18/2017 19:55	29.79	76.2	5.58	3.1
SR5	9/18/2017 2:00	29.68	74.2	5.45	3.1	SR5	9/18/2017 8:00	29.09	75.0	5.52	3.7	SR5	9/18/2017 14:00	30.10	84.2	6.15	4.8	SR5	9/18/2017 20:00	29.78	76.5	5.60	3.2
SR5	9/18/2017 2:05	29.69	74.4	5.47	3.1	SR5	9/18/2017 8:05	29.16	74.2	5.47	3.2	SR5	9/18/2017 14:05	30.23	82.5	6.03	5.4	SR5	9/18/2017 20:05	29.78	76.3	5.59	3.1
SR5	9/18/2017 2:10	29.69	74.9	5.50	3.1	SR5	9/18/2017 8:10	29.35	76.7	5.66	4.0	SR5	9/18/2017 14:10	30.30	84.3	6.15	3.9	SR5	9/18/2017 20:10	29.77	75.9	5.56	3.0
SR5	9/18/2017 2:15	29.70	75.5	5.55	4.2	SR5	9/18/2017 8:15	29.28	76.4	5.63	2.9	SR5	9/18/2017 14:15	30.38	85.5	6.24	4.4	SR5	9/18/2017 20:15	29.75	77.6	5.69	3.0
SR5	9/18/2017 2:20	29.71	75.4	5.53	3.5	SR5	9/18/2017 8:20	29.20	75.8	5.59	3.7	SR5	9/18/2017 14:20	30.45	84.2	6.15	4.3	SR5	9/18/2017 20:20	29.76	76.1	5.57	3.0
SR5	9/18/2017 2:25	29.74	74.9	5.50	3.8	SR5	9/18/2017 8:25	29.40	77.2	5.69	5.6	SR5	9/18/2017 14:25	30.39	85.9	6.27	5.3	SR5	9/18/2017 20:25	29.72	77.4	5.67	3.3
SR5	9/18/2017 2:30	29.74	74.1	5.44	3.0	SR5	9/18/2017 8:30	29.39	77.5	5.71	4.3	SR5	9/18/2017 14:30	30.40	86.5	6.31	4.1	SR5	9/18/2017 20:30	29.70	76.5	5.60	3.2
SR5	9/18/2017 2:35	29.75	73.2	5.37	3.4	SR5	9/18/2017 8:35	29.42	76.6	5.64	3.6	SR5	9/18/2017 14:35	30.44	85.5	6.24	5.0	SR5	9/18/2017 20:35	29.70	76.4	5.60	2.9
SR5	9/18/2017 2:40	29.77	73.2	5.37	2.9	SR5	9/18/2017 8:40	29.56	76.9	5.67	4.0	SR5	9/18/2017 14:40	30.48	85.9	6.27	3.0	SR5	9/18/2017 20:40	29.62	77.3	5.67	2.7
SR5	9/18/2017 2:45	29.77	74.5	5.46	3.2	SR5	9/18/2017 8:45	29.65	77.0	5.67	3.5	SR5	9/18/2017 14:45	30.51	84.9	6.21	4.3	SR5	9/18/2017 20:45	29.63	75.9	5.56	2.9
SR5	9/18/2017 2:50	29.78	73.9	5.42	3.6	SR5	9/18/2017 8:50	29.54	75.0	5.53	4.0	SR5	9/18/2017 14:50	30.54	85.3	6.23	4.1	SR5	9/18/2017 20:50	29.61	76.1	5.58	2.7
SR5	9/18/2017 2:55	29.77	73.6	5.40	3.2	SR5	9/18/2017 8:55	29.59	74.5	5.49	3.0	SR5	9/18/2017 14:55	30.52	86.0	6.27	4.2	SR5	9/18/2017 20:55	29.59	76.0	5.57	2.7
SR5	9/18/2017 3:00	29.77	73.2	5.37	3.4	SR5	9/18/2017 9:00	29.60	74.7	5.51	3.8	SR5	9/18/2017 15:00	30.52	84.4	6.16	3.1	SR5	9/18/2017 21:00	29.59	75.1	5.51	2.9
SR5	9/18/2017 3:05	29.75	73.0	5.36	3.1	SR5	9/18/2017 9:05	29.50	74.1	5.46	3.3	SR5	9/18/2017 15:05	30.52	84.5	6.17	4.5	SR5	9/18/2017 21:05	29.59	75.3	5.52	2.9
SR5	9/18/2017 3:10	29.66	72.8	5.34	3.5	SR5	9/18/2017 9:10	29.46	74.7	5.50	4.1	SR5	9/18/2017 15:10	30.51	84.3	6.15	4.4	SR5	9/18/2017 21:10	29.59	75.2	5.51	2.8
SR5	9/18/2017 3:15	29.64	73.3	5.37	3.1	SR5	9/18/2017 9:15	29.44	75.3	5.55	3.0	SR5	9/18/2017 15:15	30.52	85.4	6.23	3.0	SR5	9/18/2017 21:15	29.57	74.9	5.49	2.9
SR5	9/18/2017 3:20	29.61	71.8	5.26	3.4	SR5	9/18/2017 9:20	29.42	73.4	5.41	3.6	SR5	9/18/2017 15:20	30.53	83.3	6.08	3.0	SR5	9/18/2017 21:20	29.53	75.6	5.55	2.9
SR5	9/18/2017 3:25	29.61	71.6	5.25	4.8	SR5	9/18/2017 9:25	29.32	76.8	5.65	3.6	SR5	9/18/2017 15:25	30.52	81.8	5.98	5.8	SR5	9/18/2017 21:25	29.55	76.6	5.62	2.6
SR5	9/18/2017 3:30	29.64	72.1	5.28	3.9	SR5	9/18/2017 9:30	29.48	78.0	5.74	3.7	SR5	9/18/2017 15:30	30.45	80.0	5.84	4.1	SR5	9/18/2017 21:30	29.55	77.2	5.66	2.9
SR5	9/18/2017 3:35	29.67	72.2	5.30	3.5	SR5	9/18/2017 9:35	29.56	78.4	5.77	3.9	SR5	9/18/2017 15:35	30.50	82.1	5.99	3.1	SR5	9/18/2017 21:35	29.54	78.8	5.77	2.6
SR5	9/18/2017 3:40	29.71	72.6	5.53	3.4	SR5	9/18/2017 9:40	29.67	79.0	5.81	3.3	SR5	9/18/2017 15:40	30.45	80.2	5.85	5.5	SR5	9/18/2017 21:40	29.51	78.2	5.73	2.6
SR5	9/18/2017 3:45	29.77	72.4	5.51	3.1	SR5	9/18/2017 9:45	29.39	78.3	5.76	3.8	SR5	9/18/2017 15:45	30.36	79.2	5.77	5.0	SR5	9/18/2017 21:45	29.50	76.6	5.61	3.0
SR5	9/18/2017 3:50	29.77	72.0	5.49	3.1	SR5	9/18/2017 9:50	29.45	79.7	5.87	3.4	SR5	9/18/2017 15:50	30.16	78.0	5.68	4.9	SR5	9/18/2017 21:50	29.50	77.3	5.67	3.0
SR5	9/18/2017 3:55	29.73	71.5	5.45	3.2	SR5	9/18/2017 9:55	29.56	78.2	5.75	3.5	SR5	9/18/2017 15:55	30.24	78.6	5.72	5.2	SR5	9/18/2017 21:55	29.46	79.3	5.81	3.0
SR5	9/18/2017 4:00	29.75	71.1	5.42	3.5	SR5	9/18/2017 10:00	29.62	79.5	5.84	3.4	SR5	9/18/2017 16:00	30.07	76.9	5.61	3.1	SR5	9/18/2017 22:00	29.44	78.9	5.79	2.5
SR5	9/18/2017 4:05	29.77	72.7	5.54	3.1	SR5	9/18/2017 10:05	29.64	77.8	5.72	3.6	SR5	9/18/2017 16:05	29.95	77.4	5.64	3.1	SR5	9/18/2017 22:05	29.43	77.8	5.70	2.7
SR5	9/18/2017 4:10	29.77	72.2	5.51	2.9	SR5	9/18/2017 10:10	29.59	78.5	5.76	3.3	SR5	9/18/2017 16:10	29.94	76.0	5.54	4.5	SR5	9/18/2017 22:10	29.41	76.7	5.62	3.2
SR5	9/18/2017 4:15	29.83	72.1	5.49	3.1	SR5	9/18/2017 10:15	29.61	79.0	5.80	4.1	SR5	9/18/2017 16:15	29.99	77.1	5.61	5.1	SR5	9/18/2017 22:15	29.39	76.2	5.59	3.2
SR5	9/18/2017 4:20	29.84	71.1	5.22	3.8	SR5	9/18/2017 10:20	29.64	79.3	5.82	3.7	SR5	9/18/2017 16:20	29.97	76.2	5.55	5.6	SR5	9/18/2017 22:20	29.36	76.8	5.63	2.7
SR5	9/18/2017 4:25	29.83	71.6	5.25	3.9	SR5	9/18/2017 10:25	29.78	79.3	5.82	3.7	SR5	9/18/2017 16:25	29.95	77.2	5.62	3.2	SR5	9/18/2017 22:25	29.34	76.1	5.58	2.5
SR5	9/18/2017 4:30	29.79	72.4	5.32	4.1	SR5	9/18/2017 10:30	29.73	79.6	5.84	4.0	SR5	9/18/2017 16:30	29.94	77.1	5.61	5.7	SR5	9/18/2017 22:30	29.35	77.4	5.68	3.3
SR5	9/18/2017 4:35	29.65	71.5	5.25	4.1	SR5	9/18/2017 10:35	29.68	80.1	5.87	3.7	SR5	9/18/2017 16:35	29.91	76.4	5.56	5.1	SR5	9/18/2017 22:35	29.36	76.2	5.59	2.3
SR5	9/18/2017 4:40	29.66	73.3	5.38	3.9	SR5	9/18/2017 10:40	29.62	79.7	5.84	3.8	SR5	9/18/2017 16:40	29.95	76.3	5.56	4.8	SR5	9/18/2017 22:40	29.36	76.2	5.59	2.8
SR5	9/18/2017 4:45	29.63	72.4	5.31	4.1	SR5	9/18/2017 10:45	29.53	79.5	5.82	3.8	SR5	9/18/2017 16:45	29.86	76.7	5.59	3.0	SR5	9/18/2017 22:45	29.38	76.8	5.63	3.2
SR5	9/18/2017 4:50	29.60	70.7	5.20	3.5	SR5	9/18/2017 10:50	29.68	81.0	5.94	5.4	SR5	9/18/2017 16:50	29.84	77.7	5.66	5.7	SR5	9/18/2017 22:50	29.38	76.6	5.62	3.1
SR5	9/18/2017 4:55	29.55	72.1	5.30	3.5	SR5	9/18/2017 10:55	29.67	79.4	5.81	3.9	SR5	9/18/2017 16:55	29.78	76.5	5.57	3.5	SR5	9/18/2017 22:55	29.37	75.8	5.56	3.0
SR5	9/18/2017 5:00	29.50	72.4	5.32	3.7	SR5	9/18/2017 11:00	29.72	80.8	5.92	3.5	SR5	9/18/2017 17:00	29.65	77.0	5.61	4.7	SR5	9/18/2017 23:00	29.39	75.2	5.52	2.9
SR5	9/18/2017 5:05	29.48	74.3	5.46	4.2	SR5	9/18/2017 11:05	29.88	79.4	5.82	4.5	SR5	9/18/2017 17:05	29.68	77.8	5.67	3.7	SR5	9/18/2017 23:05	29.39	76.1	5.58	3.0
SR5	9/18/2017 5:10	29.49	72.4	5.32	3.8	SR5	9/18/2017 11:10	29.96	81.1	5.94	5.1	SR5	9/18/2017 17:10	29.97	77.2	5.62	2.9	SR5	9/18/2017 23:10	29.39	76.4	5.61	2.9
SR5	9/18/2017 5:15	29.46	72.1	5.30	3.6	SR5	9/18/2017 11:15	30.00	80.0	5.86	3.5	SR5	9/18/2017 17:15	29.99	78.2	5.70	4.6	SR5	9/18/2017 23:15	29.42	76.4	5.61	3.8
SR5	9/18/2017 5:20	29.45	72.4	5.32	3.6	SR5	9/18/2017 11:20	30.08	79.1	5.79	4.0	SR5	9/18/2017 17:20	30.03	77.5	5.65	4.8	SR5	9/18/2017 23:20	29.43	76.3	5.59	3.1
SR5	9/18/2017 5:25	29.43	71.8	5.27	4.2	SR5	9/18/2017 11:25	30.10	79.1	5.78	3.8	SR5	9/18/2017 17:25	30.02	77.9	5.68	4.7	SR5	9/18/2017 23:25	29.43	76.8	5.64	3.2
SR5	9/18/2017 5:30	29.42	71.8	5.27	3.7	SR5	9/18/2017 11:30	30.04	79.4	5.81	3.5	SR5	9/18/2017 17:30	29.98	77.2	5.63	3.2	SR5	9/18/2017 23:30	29.43	76.1	5.59	3.0
SR5	9/18/2017 5:35	29.41	70.9	5.21	5.5	SR5	9/18/2017 11:35	29.98	76.0	5.57	3.7	SR5	9/18/2017 17:35	30.01	79.3	5.78	3.1	SR5	9/18/2017 23:35	29.42	77.1	5.66	3.7
SR5	9/18/2017 5:40	29.37	71.1	5.22	3.4	SR5	9/18/2017 11:40	30.00	79.9	5.84	3.5	SR5	9/18/2017 17:40	30.00	77.5	5.65	3.3	SR5	9/18/2017 23:40	29.39	76.1	5.58	3.8
SR5	9/18/2017 5:45	29.36	71.3	5.24	3.8	SR5	9/18/2017 11:45	30.02	80.0	5.84	4.2	SR5	9/18/2017 17:45	30.01	78.3	5.71	3.0	SR5	9/18/2017 23:45	29.40	76.3	5.60	3.7
SR5	9/18/2017 5:50	29.32	72.0	5.29	4.1	SR5	9/18/2017 11:50	30.06	77.7	5.69	3.6	SR5	9/18/2017 17:50	30.01	77.3	5.64	5.3	SR5	9/18/2017 23:50	29.41	77.0	5.65	4.1
SR5	9/18/2017 5:55	29.34	74.5	5.48	3.6	SR5	9/18/2017 11:55	30.08	77.0	5.64	3.8	SR5	9/18/2017 17:55	30.02	78.4	5.72	3.4	SR5	9/18/2017 23:55	29.38	75.7	5.56	3.7

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR12	9/18/2017 0:01	29.64	72.2	5.30	6.4	SR12	9/18/2017 6:01	29.54	72.2	5.31	8.1	SR12	9/18/2017 12:01	30.08	77.3	5.66	8.5	SR12	9/18/2017 18:01	30.14	78.2	5.71	6.2
SR12	9/18/2017 0:06	29.54	71.6	5.27	6.7	SR12	9/18/2017 6:06	29.60	73.2	5.39	9.3	SR12	9/18/2017 12:06	30.21	77.1	5.64	6.2	SR12	9/18/2017 18:06	30.10	76.4	5.57	5.3
SR12	9/18/2017 0:11	29.46	72.2	5.31	7.0	SR12	9/18/2017 6:11	29.47	74.5	5.50	8.1	SR12	9/18/2017 12:11	30.12	76.9	5.63	7.1	SR12	9/18/2017 18:11	30.10	76.9	5.61	5.7
SR12	9/18/2017 0:16	29.53	71.8	5.28	6.8	SR12	9/18/2017 6:16	29.59	74.9	5.53	8.7	SR12	9/18/2017 12:16	30.00	79.1	5.79	7.6	SR12	9/18/2017 18:16	30.13	77.2	5.63	6.0
SR12	9/18/2017 0:21	29.45	72.4	5.32	6.5	SR12	9/18/2017 6:21	29.57	74.8	5.52	9.4	SR12	9/18/2017 12:21	30.04	78.1	5.71	6.9	SR12	9/18/2017 18:21	30.00	77.0	5.62	5.9
SR12	9/18/2017 0:26	29.53	70.0	5.14	7.6	SR12	9/18/2017 6:26	29.58	75.6	5.58	7.7	SR12	9/18/2017 12:26	29.99	78.8	5.77	6.6	SR12	9/18/2017 18:26	30.16	77.6	5.66	6.7
SR12	9/18/2017 0:31	29.44	69.4	5.09	6.1	SR12	9/18/2017 6:31	29.61	76.3	5.63	7.1	SR12	9/18/2017 12:31	30.17	78.5	5.75	6.6	SR12	9/18/2017 18:31	30.03	76.3	5.57	4.9
SR12	9/18/2017 0:36	29.39	69.0	5.07	7.0	SR12	9/18/2017 6:36	29.57	75.7	5.59	6.3	SR12	9/18/2017 12:36	30.10	78.2	5.72	7.1	SR12	9/18/2017 18:36	29.99	76.5	5.58	6.4
SR12	9/18/2017 0:41	29.53	69.7	5.12	7.7	SR12	9/18/2017 6:41	29.58	75.2	5.54	7.1	SR12	9/18/2017 12:41	30.08	79.2	5.79	7.0	SR12	9/18/2017 18:41	29.95	76.5	5.59	6.5
SR12	9/18/2017 0:46	29.60	68.7	5.04	5.1	SR12	9/18/2017 6:46	29.55	76.1	5.61	7.2	SR12	9/18/2017 12:46	29.93	79.3	5.80	7.4	SR12	9/18/2017 18:46	29.97	77.1	5.63	5.7
SR12	9/18/2017 0:51	29.41	68.5	5.03	6.6	SR12	9/18/2017 6:51	29.63	75.0	5.53	9.3	SR12	9/18/2017 12:51	30.10	78.2	5.72	6.8	SR12	9/18/2017 18:51	30.09	76.5	5.59	6.7
SR12	9/18/2017 0:56	29.56	68.1	5.00	7.7	SR12	9/18/2017 6:56	29.62	74.9	5.52	6.8	SR12	9/18/2017 12:56	30.00	78.2	5.72	6.6	SR12	9/18/2017 18:56	29.98	77.8	5.68	6.3
SR12	9/18/2017 1:01	29.59	68.8	5.05	6.4	SR12	9/18/2017 7:01	29.69	75.1	5.54	6.9	SR12	9/18/2017 13:01	30.35	78.7	5.76	6.8	SR12	9/18/2017 19:01	29.99	77.0	5.62	5.7
SR12	9/18/2017 1:06	29.58	69.0	5.07	**10.4**	SR12	9/18/2017 7:06	29.64	74.8	5.52	8.6	SR12	9/18/2017 13:06	30.35	78.7	5.76	7.2	SR12	9/18/2017 19:06	29.82	76.8	5.61	6.4
SR12	9/18/2017 1:11	29.67	70.3	5.16	6.7	SR12	9/18/2017 7:11	29.57	74.9	5.52	8.0	SR12	9/18/2017 13:11	30.40	78.2	5.72	7.1	SR12	9/18/2017 19:11	29.87	75.5	5.52	7.1
SR12	9/18/2017 1:16	29.60	70.3	5.16	7.3	SR12	9/18/2017 7:16	29.52	75.3	5.55	7.6	SR12	9/18/2017 13:16	30.33	77.4	5.66	7.3	SR12	9/18/2017 19:16	29.99	76.2	5.57	6.2
SR12	9/18/2017 1:21	29.64	69.1	5.07	6.1	SR12	9/18/2017 7:21	29.44	74.2	5.48	8.1	SR12	9/18/2017 13:21	30.38	78.0	5.71	6.9	SR12	9/18/2017 19:21	29.90	75.9	5.55	5.3
SR12	9/18/2017 1:26	29.76	70.0	5.15	7.4	SR12	9/18/2017 7:26	29.48	75.5	5.57	8.9	SR12	9/18/2017 13:26	30.31	77.4	5.65	7.1	SR12	9/18/2017 19:26	29.87	76.5	5.59	6.5
SR12	9/18/2017 1:31	29.73	71.2	5.23	6.7	SR12	9/18/2017 7:31	29.39	74.2	5.47	8.2	SR12	9/18/2017 13:31	30.30	79.4	5.80	7.1	SR12	9/18/2017 19:31	29.99	76.7	5.61	5.4
SR12	9/18/2017 1:36	29.70	70.7	5.20	6.8	SR12	9/18/2017 7:36	29.44	74.7	5.51	6.0	SR12	9/18/2017 13:36	30.35	80.7	5.89	7.8	SR12	9/18/2017 19:36	29.92	77.2	5.64	5.5
SR12	9/18/2017 1:41	29.66	73.3	5.39	6.2	SR12	9/18/2017 7:41	29.36	74.9	5.52	7.4	SR12	9/18/2017 13:41	30.42	79.9	5.84	6.9	SR12	9/18/2017 19:41	29.85	76.6	5.60	7.0
SR12	9/18/2017 1:46	29.75	72.2	5.30	5.6	SR12	9/18/2017 7:46	29.37	75.1	5.53	8.7	SR12	9/18/2017 13:46	30.21	82.2	6.00	6.4	SR12	9/18/2017 19:46	29.85	77.0	5.63	6.7
SR12	9/18/2017 1:51	29.88	70.3	5.16	7.0	SR12	9/18/2017 7:51	29.28	74.7	5.50	7.7	SR12	9/18/2017 13:51	30.27	82.3	6.01	6.8	SR12	9/18/2017 19:51	29.93	76.3	5.58	6.2
SR12	9/18/2017 1:56	29.75	71.5	5.25	7.0	SR12	9/18/2017 7:56	29.33	74.0	5.45	9.3	SR12	9/18/2017 13:56	30.27	81.2	5.93	7.6	SR12	9/18/2017 19:56	29.99	75.9	5.56	5.5
SR12	9/18/2017 2:01	29.81	71.7	5.27	6.7	SR12	9/18/2017 8:01	29.27	73.2	5.39	8.0	SR12	9/18/2017 14:01	30.26	83.3	6.08	7.2	SR12	9/18/2017 20:01	29.95	75.1	5.50	6.3
SR12	9/18/2017 2:06	29.84	73.2	5.38	6.5	SR12	9/18/2017 8:06	29.29	73.7	5.44	6.9	SR12	9/18/2017 14:06	30.24	81.9	5.98	6.9	SR12	9/18/2017 20:06	29.96	75.2	5.51	6.5
SR12	9/18/2017 2:11	29.74	74.0	5.44	5.9	SR12	9/18/2017 8:11	29.46	75.4	5.57	8.8	SR12	9/18/2017 14:11	30.47	84.0	6.13	6.7	SR12	9/18/2017 20:11	29.81	75.2	5.51	6.5
SR12	9/18/2017 2:16	29.83	74.3	5.46	9.7	SR12	9/18/2017 8:16	29.44	74.3	5.48	7.6	SR12	9/18/2017 14:16	30.40	84.0	6.14	7.2	SR12	9/18/2017 20:16	29.92	76.1	5.58	6.2
SR12	9/18/2017 2:21	29.84	73.5	5.40	8.3	SR12	9/18/2017 8:21	29.30	75.1	5.54	8.1	SR12	9/18/2017 14:21	30.53	82.7	6.04	6.9	SR12	9/18/2017 20:21	29.80	74.7	5.48	6.3
SR12	9/18/2017 2:26	29.92	74.1	5.44	8.0	SR12	9/18/2017 8:26	29.52	76.5	5.64	**12.6**	SR12	9/18/2017 14:26	30.56	84.8	6.19	6.8	SR12	9/18/2017 20:26	29.90	75.9	5.56	6.6
SR12	9/18/2017 2:31	29.80	73.4	5.39	5.6	SR12	9/18/2017 8:31	29.57	76.3	5.63	8.4	SR12	9/18/2017 14:31	30.42	85.5	6.24	7.0	SR12	9/18/2017 20:31	29.88	75.3	5.52	6.6
SR12	9/18/2017 2:36	29.76	72.3	5.31	7.9	SR12	9/18/2017 8:36	29.54	76.5	5.64	8.9	SR12	9/18/2017 14:36	30.54	85.1	6.21	7.4	SR12	9/18/2017 20:36	29.89	75.4	5.53	4.7
SR12	9/18/2017 2:41	29.95	72.5	5.32	6.3	SR12	9/18/2017 8:41	29.66	75.5	5.57	8.9	SR12	9/18/2017 14:41	30.62	84.9	6.20	7.1	SR12	9/18/2017 20:41	29.71	76.2	5.59	5.2
SR12	9/18/2017 2:46	29.93	72.9	5.35	5.9	SR12	9/18/2017 8:46	29.69	76.1	5.60	6.6	SR12	9/18/2017 14:46	30.51	84.0	6.14	7.6	SR12	9/18/2017 20:46	29.79	75.8	5.55	5.5
SR12	9/18/2017 2:51	29.93	71.6	5.26	6.8	SR12	9/18/2017 8:51	29.68	75.0	5.53	9.6	SR12	9/18/2017 14:51	30.64	84.8	6.20	7.5	SR12	9/18/2017 20:51	29.64	75.9	5.57	6.0
SR12	9/18/2017 2:56	29.87	71.9	5.28	5.7	SR12	9/18/2017 8:56	29.59	73.7	5.43	7.4	SR12	9/18/2017 14:56	30.68	84.6	6.17	6.8	SR12	9/18/2017 20:56	29.79	74.9	5.50	4.4
SR12	9/18/2017 3:01	29.93	70.5	5.17	6.0	SR12	9/18/2017 9:01	29.72	74.4	5.48	9.2	SR12	9/18/2017 15:01	30.68	84.2	6.15	7.1	SR12	9/18/2017 21:01	29.68	74.4	5.46	6.3
SR12	9/18/2017 3:06	29.94	70.9	5.21	6.7	SR12	9/18/2017 9:06	29.69	73.7	5.43	6.3	SR12	9/18/2017 15:06	30.59	84.1	6.14	7.1	SR12	9/18/2017 21:06	29.68	74.8	5.48	4.3
SR12	9/18/2017 3:11	29.70	71.5	5.25	6.7	SR12	9/18/2017 9:11	29.56	74.5	5.49	9.4	SR12	9/18/2017 15:11	30.56	82.9	6.06	6.7	SR12	9/18/2017 21:11	29.62	73.8	5.42	5.1
SR12	9/18/2017 3:16	29.72	70.0	5.14	5.1	SR12	9/18/2017 9:16	29.57	74.8	5.51	6.2	SR12	9/18/2017 15:16	30.55	84.0	6.13	7.2	SR12	9/18/2017 21:16	29.62	73.3	5.38	4.2
SR12	9/18/2017 3:21	29.65	69.4	5.09	7.8	SR12	9/18/2017 9:21	29.57	73.0	5.38	9.3	SR12	9/18/2017 15:21	30.71	83.0	6.06	6.7	SR12	9/18/2017 21:21	29.55	73.4	5.39	4.4
SR12	9/18/2017 3:26	29.71	71.1	5.21	7.2	SR12	9/18/2017 9:26	29.35	77.1	5.68	8.5	SR12	9/18/2017 15:26	30.58	81.0	5.92	6.5	SR12	9/18/2017 21:26	29.70	76.2	5.59	4.5
SR12	9/18/2017 3:31	29.75	70.0	5.14	6.9	SR12	9/18/2017 9:31	29.55	78.1	5.75	8.9	SR12	9/18/2017 15:31	30.60	79.3	5.78	6.2	SR12	9/18/2017 21:31	29.63	76.3	5.59	5.3
SR12	9/18/2017 3:36	29.68	69.4	5.09	6.3	SR12	9/18/2017 9:36	29.56	77.4	5.70	9.7	SR12	9/18/2017 15:36	30.50	81.4	5.94	7.2	SR12	9/18/2017 21:36	29.58	76.2	5.59	5.4
SR12	9/18/2017 3:41	29.89	69.6	5.11	5.5	SR12	9/18/2017 9:41	29.67	79.4	5.84	7.9	SR12	9/18/2017 15:41	30.51	78.7	5.74	7.3	SR12	9/18/2017 21:41	29.52	76.2	5.59	4.3
SR12	9/18/2017 3:46	29.86	68.6	5.03	5.7	SR12	9/18/2017 9:46	29.58	78.4	5.77	9.4	SR12	9/18/2017 15:46	30.56	79.2	5.77	7.2	SR12	9/18/2017 21:46	29.50	74.8	5.49	4.7
SR12	9/18/2017 3:51	29.87	69.3	5.09	5.5	SR12						SR12	9/18/2017 15:51	30.17	77.3	5.63	7.2	SR12	9/18/2017 21:51	29.55	74.8	5.49	5.1
SR12	9/18/2017 3:56	29.77	67.8	4.98	7.0	SR12						SR12	9/18/2017 15:56	30.35	76.6	5.58	7.2	SR12	9/18/2017 21:56	29.50	76.2	5.59	4.0
SR12	9/18/2017 4:01	29.75	68.5	5.03	6.8	SR12						SR12	9/18/2017 16:01	30.24	76.3	5.56	6.5	SR12	9/18/2017 22:01	29.53	75.6	5.55	5.4
SR12	9/18/2017 4:06	29.92	69.1	5.07	6.7	SR12						SR12	9/18/2017 16:06	29.97	76.4	5.57	6.6	SR12	9/18/2017 22:06	29.53	75.7	5.55	4.3
SR12	9/18/2017 4:11	29.85	69.6	5.11	7.1	SR12						SR12	9/18/2017 16:11	29.97	76.0	5.54	7.1	SR12	9/18/2017 22:11	29.53	73.9	5.43	6.5
SR12	9/18/2017 4:16	29.92	68.0	4.99	7.3	SR12						SR12	9/18/2017 16:16	30.17	76.5	5.57	7.5	SR12	9/18/2017 22:16	29.52	74.7	5.48	5.9
SR12	9/18/2017 4:21	29.86	68.8	5.05	8.9	SR12						SR12	9/18/2017 16:21	30.07	76.3	5.56	7.1	SR12	9/18/2017 22:21	29.41	75.3	5.53	4.8
SR12	9/18/2017 4:26	29.96	68.4	5.03	9.8	SR12						SR12	9/18/2017 16:26	30.05	76.4	5.56	6.6	SR12	9/18/2017 22:26	29.53	75.2	5.52	3.9
SR12	9/18/2017 4:31	29.98	70.1	5.15	9.7	SR12						SR12	9/18/2017 16:31	30.01	76.4	5.56	6.4	SR12	9/18/2017 22:31	29.48	76.5	5.61	5.2
SR12	9/18/2017 4:36	29.67	69.1	5.08	7.9	SR12						SR12	9/18/2017 16:36	29.92	74.8	5.44	7.0	SR12	9/18/2017 22:36	29.37	75.2	5.51	4.0
SR12	9/18/2017 4:41	29.73	70.1	5.15	8.1	SR12						SR12	9/18/2017 16:41	30.04	76.2	5.55	6.8	SR12	9/18/2017 22:41	29.41	75.2	5.52	4.9
SR12	9/18/2017 4:46	29.71	69.9	5.14	9.0	SR12						SR12	9/18/2017 16:46	30.02	75.7	5.52	5.7	SR12	9/18/2017 22:46	29.41	74.4	5.46	6.3
SR12	9/18/2017 4:51	29.65	69.0	5.08	7.3	SR12						SR12	9/18/2017 16:51	29.84	75.9	5.53	6.9	SR12	9/18/2017 22:51	29.49	74.0	5.43	6.1
SR12	9/18/2017 4:56	29.64	70.0	5.15	6.9	SR12						SR12	9/18/2017 16:56	29.85	75.2	5.48	6.2	SR12	9/18/2017 22:56	29.42	74.0	5.43	5.4
SR12	9/18/2017 5:01	29.58	70.4	5.18	6.6	SR12						SR12	9/18/2017 17:01	29.82	77.1	5.62	6.4	SR12	9/18/2017 23:01	29.45	72.7	5.34	5.2
SR12	9/18/2017 5:06	29.52	72.4	5.33	8.3	SR12						SR12	9/18/2017 17:06	29.69	76.0	5.54	5.5	SR12	9/18/2017 23:06	29.56	73.3	5.38	4.6
SR12	9/18/2017 5:11	29.49	71.3	5.24	8.1	SR12	9/18/2017 11:11	29.99	80.1	5.87	8.9	SR12	9/18/2017 17:11	29.98	76.5	5.58	6.6	SR12	9/18/2017 23:11	29.43	74.6	5.48	3.6
SR12	9/18/2017 5:16	29.60	70.3	5.17	6.0	SR12	9/18/2017 11:16	30.18	79.5	5.82	8.0	SR12	9/18/2017 17:16	30.02	77.3	5.64	5.5	SR12	9/18/2017 23:16	29.46	74.0	5.43	5.2
SR12	9/18/2017 5:21	29.62	69.5	5.11	6.5	SR12	9/18/2017 11:21	30.12	79.3	5.80	8.4	SR12	9/18/2017 17:21	30.22	75.5	5.51	6.2	SR12	9/18/2017 23:21	29.58	74.9	5.49	5.2
SR12	9/18/2017 5:26	29.47	68.9	5.06	8.9	SR12	9/18/2017 11:26	30.23	78.5	5.74	7.7	SR12	9/18/2017 17:26	30.06	78.1	5.69	6.5	SR12	9/18/2017 23:26	29.63	74.9	5.50	5.3
SR12	9/18/2017 5:31	29.52	70.0	5.14	9.1	SR12	9/18/2017 11:31	30.18	78.1	5.71	8.1	SR12	9/18/2017 17:31	29.99	76.8	5.60	5.5	SR12	9/18/2017 23:31	29.47	75.6	5.55	5.7
SR12	9/18/2017 5:36	29.58	69.6	5.11	9.2	SR12	9/18/2017 11:36	30.14	75.5	5.53	8.0	SR12	9/18/2017 17:36	30.17	78.5	5.72	6.1	SR12	9/18/2017 23:36	29.52	74.6	5.48	6.2
SR12	9/18/2017 5:41	29.49	69.4	5.10	8.0	SR12	9/18/2017 11:41	30.19	79.3	5.80	8.3	SR12	9/18/2017 17:41	30.02	76.0	5.54	6.9	SR12	9/18/2017 23:41	29.52	74.5	5.47	4.6
SR12	9/18/2017 5:46	29.39	68.4	5.03	8.2	SR12	9/18/2017 11:46	30.20	79.4	5.80	8.1	SR12	9/18/2017 17:46	30.16	76.2	5.55	5.9	SR12	9/18/2017 23:46	29.45	74.8	5.50	5.1
SR12	9/18/2017 5:51	29.34	70.2	5.16	8.7	SR12	9/18/2017 11:51	30.24	76.9	5.63	7.3	SR12	9/18/2017 17:51	30.05	76.1	5.55	5.6	SR12	9/18/2017 23:51	29.56	74.5	5.47	5.3
SR12	9/18/2017 5:56	29.40	72.7	5.35	7.7	SR12	9/18/2017 11:56	30.11	76.7	5.62	7.1	SR12	9/18/2017 17:56	30.02	77.2	5.63	5.9	SR12	9/18/2017 23:56	29.57	74.9	5.50	5.5

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR13	9/18/2017 0:00	29.64	71.5	5.18	6.4	SR13	9/18/2017 6:00	29.44	72.2	5.23	6.2	SR13	9/18/2017 12:00	29.84	74.7	5.40	6.4	SR13	9/18/2017 18:00	30.00	74.1	5.35	6.1
SR13	9/18/2017 0:05	29.62	70.8	5.14	7.5	SR13	9/18/2017 6:05	29.43	71.9	5.22	6.0	SR13	9/18/2017 12:05	29.86	73.7	5.33	5.7	SR13	9/18/2017 18:05	29.95	73.4	5.30	6.5
SR13	9/18/2017 0:10	29.58	70.5	5.11	6.6	SR13	9/18/2017 6:10	29.41	73.0	5.31	5.4	SR13	9/18/2017 12:10	29.94	73.3	5.30	5.0	SR13	9/18/2017 18:10	29.97	74.5	5.38	5.4
SR13	9/18/2017 0:15	29.60	70.4	5.10	5.9	SR13	9/18/2017 6:15	29.39	73.4	5.33	6.5	SR13	9/18/2017 12:15	29.87	74.3	5.38	4.8	SR13	9/18/2017 18:15	29.95	74.5	5.38	7.0
SR13	9/18/2017 0:20	29.66	71.7	5.20	6.5	SR13	9/18/2017 6:20	29.36	72.2	5.25	6.3	SR13	9/18/2017 12:20	29.78	73.9	5.35	5.7	SR13	9/18/2017 18:20	29.94	73.3	5.30	5.8
SR13	9/18/2017 0:25	29.72	70.2	5.09	6.0	SR13	9/18/2017 6:25	29.35	73.7	5.36	6.2	SR13	9/18/2017 12:25	29.72	75.3	5.45	6.0	SR13	9/18/2017 18:25	29.93	74.5	5.38	6.1
SR13	9/18/2017 0:30	29.79	70.4	5.10	7.0	SR13	9/18/2017 6:30	29.28	74.1	5.38	6.6	SR13	9/18/2017 12:30	29.65	74.4	5.39	5.8	SR13	9/18/2017 18:30	29.90	73.5	5.31	6.9
SR13	9/18/2017 0:35	29.86	68.9	4.99	6.3	SR13	9/18/2017 6:35	29.33	73.3	5.33	6.0	SR13	9/18/2017 12:35	29.82	74.8	5.41	5.3	SR13	9/18/2017 18:35	29.95	73.2	5.29	6.6
SR13	9/18/2017 0:40	29.92	70.4	5.10	6.6	SR13	9/18/2017 6:40	29.31	72.9	5.29	6.4	SR13	9/18/2017 12:40	29.81	75.1	5.43	5.5	SR13	9/18/2017 18:40	29.90	73.8	5.34	6.5
SR13	9/18/2017 0:45	29.96	70.1	5.08	6.9	SR13	9/18/2017 6:45	29.40	73.9	5.37	6.3	SR13	9/18/2017 12:45	29.92	75.5	5.46	5.4	SR13	9/18/2017 18:45	29.90	73.7	5.33	5.6
SR13	9/18/2017 0:50	29.92	70.1	5.08	6.0	SR13	9/18/2017 6:50	29.41	72.7	5.28	6.1	SR13	9/18/2017 12:50	30.03	73.8	5.34	6.1	SR13	9/18/2017 18:50	29.86	73.6	5.32	6.2
SR13	9/18/2017 0:55	29.86	69.3	5.02	6.6	SR13	9/18/2017 6:55	29.44	73.2	5.32	5.8	SR13	9/18/2017 12:55	30.23	74.9	5.42	7.0	SR13	9/18/2017 18:55	29.68	75.0	5.42	6.2
SR13	9/18/2017 1:00	29.87	69.4	5.02	6.7	SR13	9/18/2017 7:00	29.47	73.3	5.32	5.7	SR13	9/18/2017 13:00	30.21	75.4	5.46	6.2	SR13	9/18/2017 19:00	29.70	74.4	5.37	5.8
SR13	9/18/2017 1:05	29.83	69.5	5.04	7.0	SR13	9/18/2017 7:05	29.51	73.5	5.34	6.7	SR13	9/18/2017 13:05	30.36	74.4	5.38	5.8	SR13	9/18/2017 19:05	29.79	73.5	5.31	6.6
SR13	9/18/2017 1:10	29.80	70.7	5.12	6.7	SR13	9/18/2017 7:10	29.52	73.2	5.32	6.8	SR13	9/18/2017 13:10	30.11	73.8	5.34	6.3	SR13	9/18/2017 19:10	29.97	73.3	5.30	5.1
SR13	9/18/2017 1:15	29.75	70.3	5.09	6.6	SR13	9/18/2017 7:15	29.55	73.4	5.33	6.2	SR13	9/18/2017 13:15	30.10	74.6	5.39	6.6	SR13	9/18/2017 19:15	30.03	74.0	5.35	5.9
SR13	9/18/2017 1:20	29.74	70.6	5.11	6.9	SR13	9/18/2017 7:20	29.55	73.0	5.30	6.2	SR13	9/18/2017 13:20	30.14	74.6	5.40	6.2	SR13	9/18/2017 19:20	30.03	73.3	5.30	6.3
SR13	9/18/2017 1:25	29.75	69.7	5.06	6.4	SR13	9/18/2017 7:25	29.55	73.4	5.33	5.8	SR13	9/18/2017 13:25	30.11	74.6	5.39	5.4	SR13	9/18/2017 19:25	29.97	74.2	5.36	6.4
SR13	9/18/2017 1:30	29.78	70.9	5.14	6.0	SR13	9/18/2017 7:30	29.55	72.8	5.28	6.7	SR13	9/18/2017 13:30	30.17	75.1	5.43	5.2	SR13	9/18/2017 19:30	30.01	74.0	5.35	5.7
SR13	9/18/2017 1:35	29.80	70.6	5.12	6.6	SR13	9/18/2017 7:35	29.52	72.7	5.28	6.2	SR13	9/18/2017 13:35	30.18	75.4	5.45	6.6	SR13	9/18/2017 19:35	30.01	74.2	5.36	6.7
SR13	9/18/2017 1:40	29.81	71.5	5.19	6.8	SR13	9/18/2017 7:40	29.54	73.2	5.31	5.8	SR13	9/18/2017 13:40	30.07	75.7	5.47	5.9	SR13	9/18/2017 19:40	30.02	74.4	5.38	6.3
SR13	9/18/2017 1:45	29.79	71.4	5.17	6.2	SR13	9/18/2017 7:45	29.50	73.4	5.33	6.8	SR13	9/18/2017 13:45	29.98	76.5	5.53	4.9	SR13	9/18/2017 19:45	30.01	74.9	5.42	6.2
SR13	9/18/2017 1:50	29.78	70.5	5.10	6.4	SR13	9/18/2017 7:50	29.43	73.1	5.31	6.5	SR13	9/18/2017 13:50	30.02	76.7	5.54	6.0	SR13	9/18/2017 19:50	30.02	73.7	5.33	6.6
SR13	9/18/2017 1:55	29.78	71.4	5.17	6.3	SR13	9/18/2017 7:55	29.46	71.8	5.21	6.2	SR13	9/18/2017 13:55	30.06	75.9	5.49	6.5	SR13	9/18/2017 19:55	30.01	73.7	5.33	5.5
SR13	9/18/2017 2:00	29.79	70.6	5.12	6.5	SR13	9/18/2017 8:00	29.46	73.0	5.30	6.6	SR13	9/18/2017 14:00	30.06	77.0	5.56	6.4	SR13	9/18/2017 20:00	30.01	72.9	5.28	6.7
SR13	9/18/2017 2:05	29.78	72.5	5.26	6.9	SR13	9/18/2017 8:05	29.43	73.2	5.32	6.6	SR13	9/18/2017 14:05	30.01	75.6	5.47	6.5	SR13	9/18/2017 20:05	29.99	73.3	5.31	6.2
SR13	9/18/2017 2:10	29.79	72.9	5.28	6.6	SR13	9/18/2017 8:10	29.40	73.1	5.31	6.3	SR13	9/18/2017 14:10	29.96	77.3	5.59	5.6	SR13	9/18/2017 20:10	29.99	73.5	5.32	6.7
SR13	9/18/2017 2:15	29.79	72.5	5.25	6.2	SR13	9/18/2017 8:15	29.39	72.2	5.25	5.8	SR13	9/18/2017 14:15	30.02	77.6	5.61	5.5	SR13	9/18/2017 20:15	29.99	73.7	5.34	5.4
SR13	9/18/2017 2:20	29.79	71.8	5.21	5.9	SR13	9/18/2017 8:20	29.34	73.7	5.35	6.0	SR13	9/18/2017 14:20	29.88	77.0	5.57	5.9	SR13	9/18/2017 20:20	29.99	73.0	5.29	6.1
SR13	9/18/2017 2:25	29.79	72.8	5.28	6.4	SR13	9/18/2017 8:25	29.35	74.0	5.37	5.9	SR13	9/18/2017 14:25	29.92	77.4	5.60	6.4	SR13	9/18/2017 20:25	29.98	74.0	5.35	5.6
SR13	9/18/2017 2:30	29.79	72.3	5.24	6.9	SR13	9/18/2017 8:30	29.65	73.2	5.32	6.1	SR13	9/18/2017 14:30	29.96	77.4	5.60	5.8	SR13	9/18/2017 20:30	29.99	73.7	5.33	5.9
SR13	9/18/2017 2:35	29.84	71.5	5.18	6.1	SR13	9/18/2017 8:35	29.87	73.3	5.33	6.5	SR13	9/18/2017 14:35	30.11	77.6	5.61	7.0	SR13	9/18/2017 20:35	29.97	72.9	5.28	5.2
SR13	9/18/2017 2:40	29.89	72.2	5.23	6.0	SR13	9/18/2017 8:40	29.79	73.1	5.31	6.5	SR13	9/18/2017 14:40	30.15	77.7	5.62	6.0	SR13	9/18/2017 20:40	29.94	74.0	5.36	5.9
SR13	9/18/2017 2:45	29.92	71.1	5.15	6.3	SR13	9/18/2017 8:45	29.69	73.8	5.36	5.8	SR13	9/18/2017 14:45	30.43	76.7	5.55	5.8	SR13	9/18/2017 20:45	29.93	73.2	5.30	6.2
SR13	9/18/2017 2:50	29.94	71.5	5.18	6.7	SR13	9/18/2017 8:50	29.75	73.6	5.35	5.8	SR13	9/18/2017 14:50	30.35	77.2	5.59	6.6	SR13	9/18/2017 20:50	29.93	73.7	5.34	6.1
SR13	9/18/2017 2:55	29.87	71.3	5.17	6.1	SR13	9/18/2017 8:55	29.91	73.1	5.30	6.0	SR13	9/18/2017 14:55	30.26	76.8	5.55	6.4	SR13	9/18/2017 20:55	29.86	73.1	5.30	6.1
SR13	9/18/2017 3:00	29.79	70.8	5.13	7.0	SR13	9/18/2017 9:00	29.93	72.5	5.26	5.7	SR13	9/18/2017 15:00	30.41	77.4	5.60	5.6	SR13	9/18/2017 21:00	29.84	72.4	5.24	5.4
SR13	9/18/2017 3:05	29.74	71.5	5.18	5.9	SR13	9/18/2017 9:05	29.85	72.6	5.27	6.4	SR13	9/18/2017 15:05	30.47	77.5	5.60	5.3	SR13	9/18/2017 21:05	29.86	73.3	5.31	5.8
SR13	9/18/2017 3:10	29.78	70.8	5.13	6.6	SR13	9/18/2017 9:10	29.78	72.6	5.27	6.0	SR13	9/18/2017 15:10	30.44	76.0	5.50	5.0	SR13	9/18/2017 21:10	29.86	72.6	5.26	5.7
SR13	9/18/2017 3:15	29.78	70.6	5.11	6.9	SR13	9/18/2017 9:15	29.77	73.0	5.30	5.4	SR13	9/18/2017 15:15	30.52	76.3	5.52	5.9	SR13	9/18/2017 21:15	29.87	72.8	5.27	5.3
SR13	9/18/2017 3:20	29.76	70.5	5.10	5.4	SR13	9/18/2017 9:20	29.84	72.7	5.28	5.5	SR13	9/18/2017 15:20	30.54	77.0	5.57	6.2	SR13	9/18/2017 21:20	29.85	73.0	5.29	5.8
SR13	9/18/2017 3:25	29.75	71.1	5.15	6.5	SR13	9/18/2017 9:25	29.76	73.8	5.36	5.3	SR13	9/18/2017 15:25	30.64	74.8	5.41	6.0	SR13	9/18/2017 21:25	29.85	74.0	5.36	5.8
SR13	9/18/2017 3:30	29.72	70.2	5.08	6.7	SR13	9/18/2017 9:30	29.73	75.3	5.46	5.8	SR13	9/18/2017 15:30	30.48	75.1	5.42	5.7	SR13	9/18/2017 21:30	29.85	73.7	5.34	5.4
SR13	9/18/2017 3:35	29.72	69.4	5.03	5.7	SR13	9/18/2017 9:35	29.78	74.0	5.37	7.1	SR13	9/18/2017 15:35	30.36	76.1	5.50	6.3	SR13	9/18/2017 21:35	29.85	73.5	5.32	6.5
SR13	9/18/2017 3:40	29.71	69.5	5.03	6.0	SR13	9/18/2017 9:40	29.69	74.7	5.42	6.2	SR13	9/18/2017 15:40	30.37	74.7	5.40	6.7	SR13	9/18/2017 21:40	29.85	74.0	5.36	6.3
SR13	9/18/2017 3:45	29.71	69.0	4.99	6.7	SR13	9/18/2017 9:45	29.67	74.4	5.40	6.0	SR13						SR13	9/18/2017 21:45	29.85	72.4	5.25	7.4
SR13	9/18/2017 3:50	29.70	69.3	5.02	5.7	SR13	9/18/2017 9:50	29.62	75.8	5.50	5.3	SR13						SR13	9/18/2017 21:50	29.83	73.8	5.34	7.8
SR13	9/18/2017 3:55	29.70	69.6	5.04	5.7	SR13	9/18/2017 9:55	29.68	74.9	5.44	5.4	SR13						SR13	9/18/2017 21:55	29.82	73.8	5.34	6.6
SR13	9/18/2017 4:00	29.65	69.1	5.00	6.6	SR13	9/18/2017 10:00	29.62	74.9	5.43	6.2	SR13						SR13	9/18/2017 22:00	29.82	73.9	5.35	6.2
SR13	9/18/2017 4:05	29.69	70.6	5.11	5.5	SR13	9/18/2017 10:05	29.68	73.9	5.36	5.4	SR13	9/18/2017 16:05	30.79	73.4	5.30	4.7	SR13	9/18/2017 22:05	29.82	74.3	5.38	7.1
SR13	9/18/2017 4:10	29.73	69.6	5.04	5.6	SR13	9/18/2017 10:10	29.63	75.1	5.44	4.9	SR13	9/18/2017 16:10	30.72	73.2	5.28	5.3	SR13	9/18/2017 22:10	29.80	72.5	5.26	6.4
SR13	9/18/2017 4:15	29.68	69.9	5.06	5.8	SR13	9/18/2017 10:15	29.71	74.7	5.42	5.8	SR13	9/18/2017 16:15	30.60	73.1	5.28	6.4	SR13	9/18/2017 22:15	29.78	73.7	5.34	7.6
SR13	9/18/2017 4:20	29.71	69.9	5.06	6.2	SR13	9/18/2017 10:20	29.74	74.5	5.40	5.6	SR13	9/18/2017 16:20	30.67	73.5	5.31	6.0	SR13	9/18/2017 22:20	29.77	73.7	5.34	5.8
SR13	9/18/2017 4:25	29.62	70.2	5.09	5.9	SR13	9/18/2017 10:25	29.69	75.3	5.45	5.5	SR13	9/18/2017 16:25	30.78	72.7	5.25	6.1	SR13	9/18/2017 22:25	29.74	72.8	5.28	8.7
SR13	9/18/2017 4:30	29.61	70.3	5.09	6.0	SR13	9/18/2017 10:30	29.71	76.4	5.53	5.8	SR13	9/18/2017 16:30	30.77	73.5	5.30	6.7	SR13	9/18/2017 22:30	29.72	74.3	5.38	7.3
SR13	9/18/2017 4:35	29.67	69.7	5.05	6.7	SR13	9/18/2017 10:35	29.66	75.2	5.45	5.9	SR13	9/18/2017 16:35	30.65	72.5	5.23	5.4	SR13	9/18/2017 22:35	29.66	72.9	5.28	7.8
SR13	9/18/2017 4:40	29.63	70.6	5.11	6.3	SR13	9/18/2017 10:40	29.64	76.2	5.51	5.1	SR13	9/18/2017 16:40	30.64	73.3	5.29	6.9	SR13	9/18/2017 22:40	29.63	74.1	5.37	8.0
SR13	9/18/2017 4:45	29.69	70.0	5.07	5.4	SR13	9/18/2017 10:45	29.63	76.1	5.51	7.4	SR13	9/18/2017 16:45	30.52	73.4	5.30	5.7	SR13	9/18/2017 22:45	29.63	73.6	5.33	7.9
SR13	9/18/2017 4:50	29.77	69.5	5.04	5.5	SR13	9/18/2017 10:50	29.70	76.3	5.53	6.8	SR13	9/18/2017 16:50	30.54	72.6	5.24	6.3	SR13	9/18/2017 22:50	29.64	73.2	5.30	7.5
SR13	9/18/2017 4:55	29.75	70.1	5.08	6.8	SR13	9/18/2017 10:55	29.70	75.6	5.47	5.4	SR13	9/18/2017 16:55	30.53	73.1	5.28	7.3	SR13	9/18/2017 22:55	29.61	73.8	5.34	7.0
SR13	9/18/2017 5:00	29.76	71.2	5.16	6.2	SR13	9/18/2017 11:00	29.68	74.9	5.42	4.7	SR13	9/18/2017 17:00	30.53	73.1	5.28	5.8	SR13	9/18/2017 23:00	29.62	73.1	5.30	6.9
SR13	9/18/2017 5:05	29.76	71.9	5.21	5.6	SR13	9/18/2017 11:05	29.69	74.6	5.40	6.3	SR13	9/18/2017 17:05	30.55	73.4	5.30	6.0	SR13	9/18/2017 23:05	29.61	72.1	5.22	6.7
SR13	9/18/2017 5:10	29.73	70.8	5.13	6.5	SR13	9/18/2017 11:10	29.93	76.1	5.51	5.6	SR13	9/18/2017 17:10	30.52	73.9	5.34	6.2	SR13	9/18/2017 23:10	29.59	73.9	5.36	8.5
SR13	9/18/2017 5:15	29.62	70.8	5.13	6.1	SR13	9/18/2017 11:15	29.82	75.6	5.47	5.8	SR13	9/18/2017 17:15	30.55	74.1	5.35	5.0	SR13	9/18/2017 23:15	29.58	72.6	5.26	8.3
SR13	9/18/2017 5:20	29.56	70.7	5.12	4.9	SR13	9/18/2017 11:20	29.83	75.2	5.44	5.5	SR13	9/18/2017 17:20	30.53	72.6	5.25	6.6	SR13	9/18/2017 23:20	29.56	73.5	5.32	8.1
SR13	9/18/2017 5:25	29.53	70.5	5.11	6.3	SR13	9/18/2017 11:25	29.82	75.2	5.44	5.3	SR13	9/18/2017 17:25	30.46	74.1	5.35	6.2	SR13	9/18/2017 23:25	29.56	73.6	5.33	8.2
SR13	9/18/2017 5:30	29.52	70.6	5.11	6.6	SR13	9/18/2017 11:30	29.99	74.2	5.37	5.6	SR13	9/18/2017 17:30	30.50	74.4	5.37	6.2	SR13	9/18/2017 23:30	29.55	74.0	5.36	8.3
SR13	9/18/2017 5:35	29.51	70.0	5.07	6.7	SR13	9/18/2017 11:35	30.02	73.7	5.33	5.7	SR13	9/18/2017 17:35	30.46	75.1	5.42	5.2	SR13	9/18/2017 23:35	29.53	73.4	5.32	8.5
SR13	9/18/2017 5:40	29.52	69.7	5.05	6.0	SR13	9/18/2017 11:40	29.82	75.0	5.42	6.2	SR13	9/18/2017 17:40	30.37	73.2	5.29	6.3	SR13	9/18/2017 23:40	29.52	73.7	5.34	7.3
SR13	9/18/2017 5:45	29.49	69.0	5.00	6.5	SR13	9/18/2017 11:45	29.75	74.4	5.38	4.8	SR13	9/18/2017 17:45	30.33	73.9	5.33	5.9	SR13	9/18/2017 23:45	29.50	73.0	5.29	8.5
SR13	9/18/2017 5:50	29.48	70.7	5.12	6.5	SR13	9/18/2017 11:50	29.76	73.3	5.30	6.3	SR13	9/18/2017 17:50	30.26	73.3	5.29	6.8	SR13	9/18/2017 23:50	29.48	73.3	5.31	7.8
SR13	9/18/2017 5:55	29.46	71.4	5.18	7.5	SR13	9/18/2017 11:55	29.72	73.1	5.29	5.8	SR13	9/18/2017 17:55	30.08	74.6	5.39	5.9	SR13	9/18/2017 23:55	29.47	73.7	5.34	6.9

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	9/18/2017 0:17	0.08				SR12	9/18/2017 0:17	0.06			
SR4	9/18/2017 0:37	0.09				SR12	9/18/2017 0:37	0.08			
SR4	9/18/2017 0:57	0.10				SR12	9/18/2017 0:57	0.08			
SR4	9/18/2017 1:17	0.09				SR12	9/18/2017 1:17	0.08			
SR4	9/18/2017 1:37	0.07				SR12	9/18/2017 1:37	0.09			
SR4	9/18/2017 1:57	0.08				SR12	9/18/2017 1:57	0.09			
SR4	9/18/2017 2:17	0.08				SR12	9/18/2017 2:17	0.09			
SR4	9/18/2017 2:37	0.07				SR12	9/18/2017 2:37	0.06			
SR4	9/18/2017 2:57	0.05				SR12	9/18/2017 2:57	0.08			
SR4	9/18/2017 3:17	0.05				SR12	9/18/2017 3:17	0.09			
SR4	9/18/2017 3:37	0.05				SR12	9/18/2017 3:37	0.09			
SR4	9/18/2017 3:57	0.04				SR12	9/18/2017 3:57	0.09			
SR4	9/18/2017 4:17	0.03				SR12	9/18/2017 4:17	0.07			
SR4	9/18/2017 4:37	0.02				SR12	9/18/2017 4:37	0.06			
SR4	9/18/2017 4:57	0.03				SR12	9/18/2017 4:57	0.06			
SR4	9/18/2017 5:17	0.04				SR12	9/18/2017 5:17	0.07			
SR4	9/18/2017 5:37	0.05				SR12	9/18/2017 5:37	0.06			
SR4	9/18/2017 5:57	0.04				SR12	9/18/2017 5:57	0.07			
SR4						SR12					
SR4	9/18/2017 6:37	0.03				SR12	9/18/2017 6:37	0.05			
SR4	9/18/2017 6:57	0.04				SR12	9/18/2017 6:57	0.06			
SR4	9/18/2017 7:17	0.03				SR12	9/18/2017 7:17	0.08			
SR4	9/18/2017 7:37	0.03				SR12	9/18/2017 7:37	0.09			
SR4	9/18/2017 7:57	0.04				SR12	9/18/2017 7:57	0.09			
SR4	9/18/2017 8:17	0.03				SR12	9/18/2017 8:17	0.08			
SR4	9/18/2017 8:37	0.04				SR12	9/18/2017 8:37	0.08			
SR4	9/18/2017 8:57	0.04				SR12	9/18/2017 8:57	0.07			
SR4	9/18/2017 9:17	0.04				SR12	9/18/2017 9:17	0.08			
SR4	9/18/2017 9:37	0.03				SR12	9/18/2017 9:37	0.07			
SR4	9/18/2017 9:57	0.04				SR12	9/18/2017 9:57	0.06			
SR4	9/18/2017 10:17	0.04				SR12	9/18/2017 10:17	0.06			
SR4	9/18/2017 10:37	0.04				SR12	9/18/2017 10:37	0.06			
SR4	9/18/2017 10:57	0.03				SR12	9/18/2017 10:57	0.06			
SR4	9/18/2017 11:17	0.03				SR12	9/18/2017 11:17	0.05			
SR4	9/18/2017 11:37	0.05				SR12	9/18/2017 11:37	0.04			
SR4	9/18/2017 11:57	0.04				SR12	9/18/2017 11:57	0.05			
SR4	9/18/2017 12:17	0.05				SR12	9/18/2017 12:17	0.06			
SR4	9/18/2017 12:37	0.05				SR12	9/18/2017 12:37	0.07			
SR4	9/18/2017 12:57	0.05				SR12	9/18/2017 12:57	0.07			
SR4	9/18/2017 13:17	0.03				SR12	9/18/2017 13:17	0.06			
SR4	9/18/2017 13:37	0.02				SR12	9/18/2017 13:37	0.05			
SR4	9/18/2017 13:57	0.04				SR12	9/18/2017 13:57	0.05			
SR4	9/18/2017 14:17	0.05				SR12	9/18/2017 14:17	0.06			
SR4	9/18/2017 14:37	0.04				SR12	9/18/2017 14:37	0.07			
SR4	9/18/2017 14:57	0.04				SR12	9/18/2017 14:57	0.11			
SR4	9/18/2017 15:17	0.05				SR12	9/18/2017 15:17	0.13			
SR4	9/18/2017 15:37	0.05				SR12	9/18/2017 15:37	0.13			
SR4	9/18/2017 15:57	0.04				SR12	9/18/2017 15:57	0.13			
SR4	9/18/2017 16:17	0.03				SR12	9/18/2017 16:17	0.12			
SR4	9/18/2017 16:37	0.04				SR12	9/18/2017 16:37	0.10			
SR4	9/18/2017 16:57	0.03				SR12	9/18/2017 16:57	0.09			
SR4	9/18/2017 17:17	0.04				SR12	9/18/2017 17:17	0.13			
SR4	9/18/2017 17:37	0.04				SR12	9/18/2017 17:37	0.13			
SR4	9/18/2017 17:57	0.04				SR12	9/18/2017 17:57	0.13			
SR4	9/18/2017 18:17	0.05				SR12	9/18/2017 18:17	0.11			
SR4	9/18/2017 18:37	0.05				SR12	9/18/2017 18:37	0.13			
SR4	9/18/2017 18:57	0.05				SR12	9/18/2017 18:57	0.10			
SR4	9/18/2017 19:17	0.05				SR12	9/18/2017 19:17	0.12			
SR4	9/18/2017 19:37	0.04				SR12	9/18/2017 19:37	0.13			
SR4	9/18/2017 19:57	0.05				SR12	9/18/2017 19:57	0.11			
SR4	9/18/2017 20:17	0.03				SR12	9/18/2017 20:17	0.11			
SR4	9/18/2017 20:37	0.03				SR12	9/18/2017 20:37	0.12			
SR4	9/18/2017 20:57	0.03				SR12	9/18/2017 20:57	0.12			
SR4	9/18/2017 21:17	0.02				SR12	9/18/2017 21:17	0.12			
SR4	9/18/2017 21:37	0.03				SR12	9/18/2017 21:37	0.14			
SR4	9/18/2017 21:57	0.03				SR12	9/18/2017 21:57	0.11			
SR4	9/18/2017 22:17	0.03				SR12	9/18/2017 22:17	0.11			
SR4	9/18/2017 22:37	0.03				SR12	9/18/2017 22:37	0.09			
SR4	9/18/2017 22:57	0.03				SR12	9/18/2017 22:57	0.09			
SR4	9/18/2017 23:17	0.03				SR12	9/18/2017 23:17	0.12			
SR4	9/18/2017 23:37	0.02				SR12	9/18/2017 23:37	0.14			
SR4	9/18/2017 23:57	0.04				SR12	9/18/2017 23:57	0.15			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.
SR4 monitoring station was under maintenance during 12:11-13:16.
SR12 monitoring station was under maintenance during 9:46-11:11.
SR13 monitoring station was under maintenance during 15:40-16:05.

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR4	9/19/2017 0:01	29.56	78.1	5.88	3.1	SR4	9/19/2017 6:01	29.40	68.1	5.14	2.7	SR4	9/19/2017 12:01	29.73	79.2	5.94	7.8	SR4	9/19/2017 18:01	30.23	80.6	6.00	2.9
SR4	9/19/2017 0:06	29.45	77.7	5.85	6.5	SR4	9/19/2017 6:06	29.52	68.9	5.20	5.9	SR4	9/19/2017 12:06	29.82	72.6	5.47	7.7	SR4	9/19/2017 18:06	30.21	79.9	5.95	5.3
SR4	9/19/2017 0:11	29.59	77.4	5.84	5.2	SR4	9/19/2017 6:11	29.47	69.0	5.21	7.7	SR4	9/19/2017 12:11	29.90	77.5	5.82	4.7	SR4	9/19/2017 18:11	30.11	79.4	5.91	3.7
SR4	9/19/2017 0:16	29.45	76.2	5.74	6.7	SR4	9/19/2017 6:16	29.48	69.8	5.27	8.8	SR4	9/19/2017 12:16	29.76	79.1	5.94	8.3	SR4	9/19/2017 18:16	30.12	79.8	5.94	3.6
SR4	9/19/2017 0:21	29.48	74.0	5.58	6.9	SR4	9/19/2017 6:21	29.57	72.1	5.44	4.6	SR4	9/19/2017 12:21	29.81	78.9	5.93	3.6	SR4	9/19/2017 18:21	30.22	79.4	5.92	5.5
SR4	9/19/2017 0:26	29.53	71.7	5.41	3.6	SR4	9/19/2017 6:26	29.51	70.2	5.30	7.9	SR4	9/19/2017 12:26	29.80	79.6	5.98	5.3	SR4	9/19/2017 18:26	30.15	78.8	5.87	7.0
SR4	9/19/2017 0:31	29.42	69.4	5.23	3.3	SR4	9/19/2017 6:31	29.60	69.1	5.21	7.0	SR4	9/19/2017 12:31	29.68	79.2	5.96	4.0	SR4	9/19/2017 18:31	30.07	77.8	5.80	6.8
SR4	9/19/2017 0:36	29.39	69.0	5.21	**10.1**	SR4	9/19/2017 6:36	29.49	68.5	5.17	7.6	SR4	9/19/2017 12:36	29.71	80.2	6.03	5.3	SR4	9/19/2017 18:36	30.05	79.1	5.90	6.1
SR4	9/19/2017 0:41	29.44	71.3	5.37	6.4	SR4	9/19/2017 6:41	29.44	68.0	5.14	4.9	SR4	9/19/2017 12:41	29.91	80.3	6.04	4.2	SR4	9/19/2017 18:41	30.20	79.5	5.93	6.2
SR4	9/19/2017 0:46	29.55	71.3	5.37	5.4	SR4	9/19/2017 6:46	29.59	67.2	5.08	2.6	SR4	9/19/2017 12:46	29.78	79.2	5.95	6.0	SR4	9/19/2017 18:46	30.00	78.7	5.87	7.0
SR4	9/19/2017 0:51	29.49	70.8	5.33	**10.1**	SR4	9/19/2017 6:51	29.50	67.9	5.13	2.6	SR4	9/19/2017 12:51	29.78	76.8	5.79	7.8	SR4	9/19/2017 18:51	29.99	79.0	5.89	5.7
SR4	9/19/2017 0:56	29.40	69.0	5.20	5.8	SR4	9/19/2017 6:56	29.58	67.2	5.07	4.6	SR4	9/19/2017 12:56	29.84	76.0	5.73	2.2	SR4	9/19/2017 18:56	30.07	79.0	5.90	5.6
SR4	9/19/2017 1:01	29.50	72.6	5.47	7.8	SR4	9/19/2017 7:01	29.48	67.9	5.13	5.3	SR4	9/19/2017 13:01	29.68	80.5	6.05	7.1	SR4	9/19/2017 19:01	29.92	79.5	5.94	5.3
SR4	9/19/2017 1:06	29.39	77.3	5.82	5.5	SR4	9/19/2017 7:06	29.47	69.3	5.24	7.9	SR4	9/19/2017 13:06	29.78	82.2	6.17	6.2	SR4	9/19/2017 19:06	29.95	78.5	5.87	5.6
SR4	9/19/2017 1:11	29.37	77.7	5.86	4.8	SR4	9/19/2017 7:11	29.61	69.2	5.23	3.4	SR4	9/19/2017 13:11	29.92	78.4	5.89	5.5	SR4	9/19/2017 19:11	30.04	79.2	5.92	5.4
SR4	9/19/2017 1:16	29.45	76.7	5.78	6.6	SR4	9/19/2017 7:16	29.54	70.2	5.30	7.0	SR4	9/19/2017 13:16	29.96	82.5	6.16	5.4	SR4	9/19/2017 19:16	30.09	78.1	5.83	5.7
SR4	9/19/2017 1:21	29.58	75.7	5.71	**10.2**	SR4	9/19/2017 7:21	29.61	72.1	5.45	2.9	SR4	9/19/2017 13:21	29.85	83.8	6.25	4.3	SR4	9/19/2017 19:21	30.03	78.2	5.85	6.7
SR4	9/19/2017 1:26	29.62	74.6	5.62	4.0	SR4	9/19/2017 7:26	29.54	71.8	5.43	3.3	SR4	9/19/2017 13:26	29.98	89.3	6.67	5.5	SR4	9/19/2017 19:26	30.03	77.3	5.78	5.3
SR4	9/19/2017 1:31	29.66	74.8	5.64	6.8	SR4	9/19/2017 7:31	29.49	73.1	5.52	8.3	SR4	9/19/2017 13:31	30.00	85.3	6.38	5.6	SR4	9/19/2017 19:31	30.01	77.8	5.82	6.3
SR4	9/19/2017 1:36	29.71	76.3	5.75	3.8	SR4	9/19/2017 7:36	29.50	71.6	5.41	4.1	SR4	9/19/2017 13:36	29.90	84.4	6.33	5.5	SR4	9/19/2017 19:36	29.97	78.1	5.84	6.1
SR4	9/19/2017 1:41	29.59	75.6	5.70	**10.0**	SR4	9/19/2017 7:41	29.47	72.5	5.48	5.4	SR4	9/19/2017 13:41	30.09	82.3	6.18	6.7	SR4	9/19/2017 19:41	30.01	78.7	5.89	7.0
SR4	9/19/2017 1:46	29.55	76.6	5.78	4.0	SR4	9/19/2017 7:46	29.61	71.7	5.42	5.0	SR4	9/19/2017 13:46	30.24	80.8	6.07	3.4	SR4	9/19/2017 19:46	29.99	79.9	5.99	5.5
SR4	9/19/2017 1:51	29.67	75.0	5.67	7.5	SR4	9/19/2017 7:51	29.65	71.0	5.37	8.2	SR4	9/19/2017 13:51	30.32	82.0	6.16	2.0	SR4	9/19/2017 19:51	29.95	81.1	6.08	6.1
SR4	9/19/2017 1:56	29.53	75.2	5.68	7.2	SR4	9/19/2017 7:56	29.53	71.5	5.41	2.0	SR4	9/19/2017 13:56	30.44	86.9	6.51	4.6	SR4	9/19/2017 19:56	30.07	81.5	6.12	6.7
SR4	9/19/2017 2:01	29.67	76.0	5.74	4.1	SR4	9/19/2017 8:01	29.55	71.9	5.44	2.9	SR4	9/19/2017 14:01	30.26	85.6	6.41	4.7	SR4	9/19/2017 20:01	30.10	81.5	6.12	6.2
SR4	9/19/2017 2:06	29.69	76.8	5.79	**10.2**	SR4	9/19/2017 8:06	29.47	72.7	5.50	7.1	SR4	9/19/2017 14:06	30.19	85.5	6.40	3.3	SR4	9/19/2017 20:06	29.98	81.8	6.14	6.9
SR4	9/19/2017 2:11	29.57	75.6	5.71	7.7	SR4	9/19/2017 8:11	29.51	73.8	5.58	6.4	SR4	9/19/2017 14:11	30.23	83.3	6.24	5.8	SR4	9/19/2017 20:11	30.02	82.1	6.17	6.1
SR4	9/19/2017 2:16	29.61	74.7	5.63	8.4	SR4	9/19/2017 8:16	29.57	74.0	5.60	4.3	SR4	9/19/2017 14:16	30.07	82.3	6.17	3.2	SR4	9/19/2017 20:16	30.04	81.7	6.14	6.2
SR4	9/19/2017 2:21	29.72	73.9	5.57	8.7	SR4	9/19/2017 8:21	29.61	73.9	5.59	7.7	SR4	9/19/2017 14:21	30.21	83.8	6.27	3.2	SR4	9/19/2017 20:21	29.95	82.2	6.19	6.4
SR4	9/19/2017 2:26	29.72	73.2	5.52	**10.7**	SR4	9/19/2017 8:26	29.58	72.6	5.49	4.6	SR4	9/19/2017 14:26	30.17	86.7	6.49	6.3	SR4	9/19/2017 20:26	29.96	81.7	6.15	6.7
SR4	9/19/2017 2:31	29.65	73.7	5.55	3.4	SR4	9/19/2017 8:31	29.39	72.5	5.49	3.9	SR4	9/19/2017 14:31	30.40	87.0	6.51	4.8	SR4	9/19/2017 20:31	29.90	81.1	6.10	6.1
SR4	9/19/2017 2:36	29.62	72.4	5.46	3.8	SR4	9/19/2017 8:36	29.59	72.3	5.47	5.4	SR4	9/19/2017 14:36	30.20	83.5	6.26	5.1	SR4	9/19/2017 20:36	29.94	80.6	6.07	6.0
SR4	9/19/2017 2:41	29.57	72.7	5.48	9.2	SR4	9/19/2017 8:41	29.48	74.3	5.62	2.8	SR4	9/19/2017 14:41	30.38	88.8	6.66	4.6	SR4	9/19/2017 20:41	29.96	79.9	6.02	6.8
SR4	9/19/2017 2:46	29.55	72.7	5.48	3.3	SR4	9/19/2017 8:46	29.42	75.2	5.69	6.1	SR4	9/19/2017 14:46	30.17	86.6	6.50	4.9	SR4	9/19/2017 20:46	30.05	80.4	6.05	6.8
SR4	9/19/2017 2:51	29.55	71.8	5.41	3.1	SR4	9/19/2017 8:51	29.52	75.1	5.68	5.8	SR4	9/19/2017 14:51	30.27	91.2	6.84	3.2	SR4	9/19/2017 20:51	30.00	79.7	6.00	5.1
SR4	9/19/2017 2:56	29.52	75.0	5.65	3.4	SR4	9/19/2017 8:56	29.55	75.1	5.68	8.7	SR4	9/19/2017 14:56	30.44	90.8	6.80	4.5	SR4	9/19/2017 20:56	30.02	79.5	5.99	5.2
SR4	9/19/2017 3:01	29.45	73.6	5.54	8.2	SR4	9/19/2017 9:01	29.44	75.4	5.71	3.5	SR4	9/19/2017 15:01	30.40	92.9	6.93	5.8	SR4	9/19/2017 21:01	29.92	80.7	6.07	6.7
SR4	9/19/2017 3:06	29.64	76.1	5.73	4.7	SR4	9/19/2017 9:06	29.45	74.4	5.63	4.7	SR4	9/19/2017 15:06	30.45	91.6	6.82	5.8	SR4	9/19/2017 21:06	29.98	80.2	6.04	5.8
SR4	9/19/2017 3:11	29.56	77.2	5.81	**10.7**	SR4	9/19/2017 9:11	29.65	73.6	5.57	7.5	SR4	9/19/2017 15:11	30.44	90.0	6.71	4.2	SR4	9/19/2017 21:11	29.90	79.6	6.00	6.3
SR4	9/19/2017 3:16	29.72	77.3	5.82	3.3	SR4	9/19/2017 9:16	29.68	75.9	5.73	6.7	SR4	9/19/2017 15:16	30.29	87.9	6.56	5.2	SR4	9/19/2017 21:16	30.02	79.4	5.98	6.6
SR4	9/19/2017 3:21	29.70	75.2	5.66	**10.3**	SR4	9/19/2017 9:21	29.72	77.7	5.87	9.0	SR4	9/19/2017 15:21	30.45	86.9	6.50	5.9	SR4	9/19/2017 21:21	29.86	78.7	5.93	5.3
SR4	9/19/2017 3:26	29.47	75.1	5.65	**15.3**	SR4	9/19/2017 9:26	29.67	76.0	5.75	5.6	SR4	9/19/2017 15:26	30.48	87.7	6.56	5.9	SR4	9/19/2017 21:26	29.92	78.8	5.93	5.2
SR4	9/19/2017 3:31	29.57	74.7	5.62	**10.3**	SR4	9/19/2017 9:31	29.58	75.5	5.71	8.0	SR4	9/19/2017 15:31	30.46	91.0	6.80	6.9	SR4	9/19/2017 21:31	29.78	77.4	5.83	5.0
SR4	9/19/2017 3:36	29.67	74.7	5.62	7.2	SR4	9/19/2017 9:36	29.67	76.9	5.81	8.1	SR4	9/19/2017 15:36	30.61	87.0	6.50	6.3	SR4	9/19/2017 21:36	29.78	77.5	5.84	7.0
SR4	9/19/2017 3:41	29.62	75.0	5.64	6.2	SR4	9/19/2017 9:41	29.69	76.8	5.80	7.9	SR4	9/19/2017 15:41	30.58	87.4	6.53	4.2	SR4	9/19/2017 21:41	29.90	77.3	5.83	5.8
SR4	9/19/2017 3:46	29.63	75.3	5.66	3.8	SR4	9/19/2017 9:46	29.63	77.3	5.85	3.3	SR4	9/19/2017 15:46	30.31	90.0	6.73	4.4	SR4	9/19/2017 21:46	29.93	77.8	5.87	5.9
SR4	9/19/2017 3:51	29.69	74.4	5.60	**10.9**	SR4	9/19/2017 9:51	29.54	77.5	5.85	4.0	SR4	9/19/2017 15:51	30.14	89.7	6.70	5.3	SR4	9/19/2017 21:51	29.91	76.7	5.79	5.8
SR4	9/19/2017 3:56	29.46	74.5	5.61	**10.0**	SR4	9/19/2017 9:56	29.59	77.8	5.88	3.8	SR4	9/19/2017 15:56	30.20	84.1	6.28	2.9	SR4	9/19/2017 21:56	29.85	76.3	5.76	5.8
SR4	9/19/2017 4:01	29.54	73.8	5.55	9.2	SR4	9/19/2017 10:01	29.65	76.9	5.81	8.8	SR4	9/19/2017 16:01	30.27	81.3	6.08	6.4	SR4	9/19/2017 22:01	29.87	75.6	5.70	6.4
SR4	9/19/2017 4:06	29.39	73.2	5.50	7.6	SR4	9/19/2017 10:06	29.66	80.3	6.06	8.8	SR4	9/19/2017 16:06	30.19	80.2	5.99	5.4	SR4	9/19/2017 22:06	29.87	75.6	5.71	5.2
SR4	9/19/2017 4:11	29.49	72.6	5.46	6.8	SR4	9/19/2017 10:11	29.61	78.2	5.90	8.7	SR4	9/19/2017 16:11	30.32	82.0	6.11	5.7	SR4	9/19/2017 22:11	29.67	75.8	5.72	5.3
SR4	9/19/2017 4:16	29.49	72.9	5.48	7.7	SR4	9/19/2017 10:16	29.53	79.1	5.96	7.4	SR4	9/19/2017 16:16	30.34	81.2	6.06	6.8	SR4	9/19/2017 22:16	29.65	76.2	5.75	5.3
SR4	9/19/2017 4:21	29.64	73.1	5.50	6.6	SR4	9/19/2017 10:21	29.53	83.2	6.25	7.6	SR4	9/19/2017 16:21	30.19	81.2	6.05	5.6	SR4	9/19/2017 22:21	29.77	76.4	5.77	5.8
SR4	9/19/2017 4:26	29.46	73.0	5.49	8.9	SR4	9/19/2017 10:26	29.57	83.2	6.25	8.6	SR4	9/19/2017 16:26	30.34	81.0	6.03	4.9	SR4	9/19/2017 22:26	29.82	76.0	5.74	6.5
SR4	9/19/2017 4:31	29.46	72.3	5.44	9.7	SR4	9/19/2017 10:31	29.46	81.6	6.13	4.0	SR4	9/19/2017 16:31	30.29	82.0	6.10	5.5	SR4	9/19/2017 22:31	29.71	77.6	5.87	6.6
SR4	9/19/2017 4:36	29.58	71.7	5.40	2.8	SR4	9/19/2017 10:36	29.78	81.7	6.14	2.3	SR4	9/19/2017 16:36	30.26	82.5	6.14	4.7	SR4	9/19/2017 22:36	29.72	77.6	5.86	5.5
SR4	9/19/2017 4:41	29.35	72.0	5.42	**10.2**	SR4	9/19/2017 10:41	29.66	81.3	6.10	4.2	SR4	9/19/2017 16:41	30.37	81.4	6.06	2.7	SR4	9/19/2017 22:41	29.81	77.1	5.82	5.3
SR4	9/19/2017 4:46	29.52	71.1	5.35	4.8	SR4	9/19/2017 10:46	29.69	81.0	6.08	3.9	SR4	9/19/2017 16:46	30.33	80.2	5.97	5.6	SR4	9/19/2017 22:46	29.71	77.1	5.83	5.8
SR4	9/19/2017 4:51	29.43	71.1	5.35	8.4	SR4	9/19/2017 10:51	29.67	82.3	6.17	9.6	SR4	9/19/2017 16:51	30.19	81.7	6.07	6.5	SR4	9/19/2017 22:51	29.70	77.0	5.82	5.4
SR4	9/19/2017 4:56	29.45	71.3	5.37	7.7	SR4	9/19/2017 10:56	29.60	83.1	6.23	8.4	SR4	9/19/2017 16:56	30.30	81.4	6.05	3.0	SR4	9/19/2017 22:56	29.65	77.1	5.83	5.3
SR4	9/19/2017 5:01	29.45	70.6	5.31	6.6	SR4	9/19/2017 11:01	29.68	82.7	6.20	**16.3**	SR4	9/19/2017 17:01	30.18	81.4	6.05	5.1	SR4	9/19/2017 23:01	29.69	76.5	5.78	6.7
SR4	9/19/2017 5:06	29.31	69.5	5.24	4.6	SR4	9/19/2017 11:06	29.63	83.0	6.22	9.7	SR4	9/19/2017 17:06	30.25	82.3	6.12	6.9	SR4	9/19/2017 23:06	29.74	76.2	5.76	5.1
SR4	9/19/2017 5:11	29.53	68.8	5.18	9.3	SR4	9/19/2017 11:11	29.64	82.2	6.16	8.1	SR4	9/19/2017 17:11	30.22	83.1	6.17	4.7	SR4	9/19/2017 23:11	29.72	75.5	5.71	6.0
SR4	9/19/2017 5:16	29.44	69.2	5.21	**10.9**	SR4	9/19/2017 11:16	29.71	80.8	6.06	7.0	SR4	9/19/2017 17:16	30.07	84.1	6.24	4.9	SR4	9/19/2017 23:16	29.76	74.3	5.61	6.7
SR4	9/19/2017 5:21	29.50	70.2	5.29	6.6	SR4	9/19/2017 11:21	29.51	78.0	5.85	6.4	SR4	9/19/2017 17:21	30.19	83.7	6.22	2.0	SR4	9/19/2017 23:21	29.70	73.9	5.58	6.6
SR4	9/19/2017 5:26	29.53	72.2	5.44	5.2	SR4	9/19/2017 11:26	29.50	78.7	5.89	4.9	SR4	9/19/2017 17:26	30.07	84.1	6.24	5.5	SR4	9/19/2017 23:26	29.57	75.5	5.71	5.1
SR4	9/19/2017 5:31	29.57	70.8	5.34	4.0	SR4	9/19/2017 11:31	29.50	79.4	5.95	6.9	SR4	9/19/2017 17:31	30.05	83.0	6.17	4.0	SR4	9/19/2017 23:31	29.66	75.6	5.72	5.6
SR4	9/19/2017 5:36	29.47	69.4	5.23	3.7	SR4	9/19/2017 11:36	29.69	76.8	5.76	7.1	SR4	9/19/2017 17:36	30.18	82.2	6.11	4.5	SR4	9/19/2017 23:36	29.73	76.1	5.76	6.8
SR4	9/19/2017 5:41	29.37	70.0	5.28	4.2	SR4	9/19/2017 11:41	29.68	82.6	6.17	7.1	SR4	9/19/2017 17:41	30.12	81.8	6.08	4.7	SR4	9/19/2017 23:41	29.55	76.9	5.81	6.4
SR4	9/19/2017 5:46	29.66	69.2	5.21	4.0	SR4	9/19/2017 11:46	29.59	79.9	5.98	6.8	SR4	9/19/2017 17:46	30.06	81.4	6.05	2.4	SR4	9/19/2017 23:46	29.53	76.9	5.81	6.4
SR4	9/19/2017 5:51	29.59	68.3	5.15	6.6	SR4	9/19/2017 11:51	29.54	78.5	5.89	8.3	SR4	9/19/2017 17:51	30.10	82.0	6.10	4.6	SR4	9/19/2017 23:51	29.82	76.8	5.81	6.4
SR4	9/19/2017 5:56	29.53	67.4	5.09	8.1	SR4	9/19/2017 11:56	29.65	73.1	5.50	3.8	SR4	9/19/2017 17:56	30.06	80.3	5.97	6.3	SR4	9/19/2017 23:56	29.84	77.1	5.83	6.4

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR5	9/19/2017 0:00	29.36	76.7	5.63	3.8	SR5	9/19/2017 6:00	29.36	70.3	5.16	3.3	SR5	9/19/2017 12:01	29.75	77.1	5.65	3.7	SR5	9/19/2017 18:00	29.97	77.9	5.69	2.9
SR5	9/19/2017 0:05	29.35	75.6	5.55	4.3	SR5	9/19/2017 6:05	29.38	71.4	5.24	3.7	SR5	9/19/2017 12:05	29.98	73.8	5.41	3.7	SR5	9/19/2017 18:05	29.98	77.8	5.68	3.4
SR5	9/19/2017 0:10	29.35	76.8	5.64	3.7	SR5	9/19/2017 6:10	29.42	71.8	5.27	4.1	SR5	9/19/2017 12:10	30.07	75.2	5.51	3.1	SR5	9/19/2017 18:10	30.02	76.2	5.56	3.1
SR5	9/19/2017 0:15	29.35	75.0	5.51	4.0	SR5	9/19/2017 6:15	29.39	72.1	5.29	4.8	SR5	9/19/2017 12:15	30.04	77.6	5.69	3.7	SR5	9/19/2017 18:15	30.02	76.9	5.61	3.0
SR5	9/19/2017 0:20	29.33	74.4	5.46	4.3	SR5	9/19/2017 6:20	29.36	73.9	5.43	3.4	SR5	9/19/2017 12:20	29.77	75.9	5.57	2.8	SR5	9/19/2017 18:20	30.00	77.4	5.65	3.3
SR5	9/19/2017 0:25	29.33	72.1	5.30	2.8	SR5	9/19/2017 6:25	29.39	71.6	5.26	4.7	SR5	9/19/2017 12:25	29.91	76.5	5.61	3.2	SR5	9/19/2017 18:25	30.02	76.8	5.61	3.5
SR5	9/19/2017 0:30	29.31	72.7	5.33	2.0	SR5	9/19/2017 6:30	29.38	71.7	5.26	4.2	SR5	9/19/2017 12:30	29.72	77.6	5.70	3.0	SR5	9/19/2017 18:30	30.01	76.3	5.57	3.5
SR5	9/19/2017 0:35	29.31	72.2	5.30	4.2	SR5	9/19/2017 6:35	29.38	70.7	5.19	4.2	SR5	9/19/2017 12:35	29.87	78.1	5.73	2.9	SR5	9/19/2017 18:35	29.98	76.7	5.61	3.5
SR5	9/19/2017 0:40	29.31	72.1	5.29	4.4	SR5	9/19/2017 6:40	29.36	71.3	5.24	3.3	SR5	9/19/2017 12:40	30.00	76.5	5.62	2.8	SR5	9/19/2017 18:40	29.97	76.4	5.58	3.5
SR5	9/19/2017 0:45	29.31	73.8	5.41	3.9	SR5	9/19/2017 6:45	29.34	71.8	5.27	3.8	SR5	9/19/2017 12:45	30.06	77.8	5.70	3.1	SR5	9/19/2017 18:45	29.97	77.0	5.63	3.6
SR5	9/19/2017 0:50	29.29	71.7	5.26	4.6	SR5	9/19/2017 6:50	29.36	71.8	5.27	3.0	SR5	9/19/2017 12:50	29.96	75.9	5.57	3.4	SR5	9/19/2017 18:50	29.95	76.6	5.60	3.3
SR5	9/19/2017 0:55	29.30	71.4	5.24	4.4	SR5	9/19/2017 6:55	29.36	70.7	5.18	3.4	SR5	9/19/2017 12:55	29.88	75.6	5.55	2.6	SR5	9/19/2017 18:55	29.95	76.8	5.61	3.4
SR5	9/19/2017 1:00	29.31	73.4	5.38	4.3	SR5	9/19/2017 7:00	29.36	71.5	5.25	4.2	SR5	9/19/2017 13:00	29.84	77.7	5.70	3.3	SR5	9/19/2017 19:00	29.96	77.2	5.65	3.3
SR5	9/19/2017 1:05	29.33	76.7	5.63	3.7	SR5	9/19/2017 7:05	29.39	72.5	5.32	4.4	SR5	9/19/2017 13:05	29.98	78.7	5.77	3.4	SR5	9/19/2017 19:05	29.96	76.0	5.56	3.4
SR5	9/19/2017 1:10	29.35	77.0	5.65	3.7	SR5	9/19/2017 7:10	29.41	70.9	5.21	3.8	SR5	9/19/2017 13:10	30.25	76.0	5.57	3.1	SR5	9/19/2017 19:10	29.99	77.1	5.64	3.4
SR5	9/19/2017 1:15	29.35	75.0	5.51	4.1	SR5	9/19/2017 7:15	29.41	73.2	5.37	4.7	SR5	9/19/2017 13:15	30.11	78.5	5.74	2.9	SR5	9/19/2017 19:15	29.99	76.9	5.62	3.3
SR5	9/19/2017 1:20	29.36	74.1	5.45	4.3	SR5	9/19/2017 7:20	29.41	73.6	5.41	3.6	SR5	9/19/2017 13:20	30.10	80.0	5.85	2.7	SR5	9/19/2017 19:20	29.97	75.7	5.54	3.5
SR5	9/19/2017 1:25	29.38	74.3	5.45	3.3	SR5	9/19/2017 7:25	29.39	72.3	5.31	3.5	SR5	9/19/2017 13:25	30.23	82.0	6.00	3.1	SR5	9/19/2017 19:25	29.96	76.4	5.59	3.3
SR5	9/19/2017 1:30	29.43	74.3	5.46	3.8	SR5	9/19/2017 7:30	29.35	73.6	5.41	4.1	SR5	9/19/2017 13:30	30.20	78.9	5.78	3.0	SR5	9/19/2017 19:30	29.94	75.5	5.52	3.5
SR5	9/19/2017 1:35	29.43	76.2	5.59	4.2	SR5	9/19/2017 7:35	29.39	72.6	5.34	3.3	SR5	9/19/2017 13:35	30.09	79.2	5.81	3.3	SR5	9/19/2017 19:35	29.93	75.4	5.52	3.4
SR5	9/19/2017 1:40	29.44	74.6	5.48	5.3	SR5	9/19/2017 7:40	29.41	73.2	5.38	4.3	SR5	9/19/2017 13:40	30.06	78.7	5.77	3.4	SR5	9/19/2017 19:40	29.91	76.5	5.60	3.5
SR5	9/19/2017 1:45	29.43	75.9	5.58	4.4	SR5	9/19/2017 7:45	29.45	73.9	5.43	4.0	SR5	9/19/2017 13:45	30.31	77.7	5.70	2.6	SR5	9/19/2017 19:45	29.89	78.1	5.72	3.3
SR5	9/19/2017 1:50	29.41	75.6	5.56	4.1	SR5	9/19/2017 7:50	29.47	72.3	5.32	3.9	SR5	9/19/2017 13:50	30.41	77.3	5.67	2.7	SR5	9/19/2017 19:50	29.89	76.8	5.63	3.3
SR5	9/19/2017 1:55	29.45	74.4	5.47	4.4	SR5	9/19/2017 7:55	29.43	73.8	5.42	2.9	SR5	9/19/2017 13:55	30.48	80.9	5.93	3.1	SR5	9/19/2017 19:55	29.88	78.5	5.76	3.4
SR5	9/19/2017 2:00	29.54	75.8	5.57	3.3	SR5	9/19/2017 8:00	29.40	72.9	5.36	3.1	SR5	9/19/2017 14:00	30.30	79.7	5.84	3.2	SR5	9/19/2017 20:00	29.87	77.8	5.71	3.3
SR5	9/19/2017 2:05	29.51	76.3	5.60	4.6	SR5	9/19/2017 8:05	29.36	72.8	5.35	4.1	SR5	9/19/2017 14:05	30.05	80.6	5.91	3.1	SR5	9/19/2017 20:05	29.87	78.5	5.76	3.4
SR5	9/19/2017 2:10	29.50	74.4	5.47	4.0	SR5	9/19/2017 8:10	29.40	74.0	5.44	3.6	SR5	9/19/2017 14:10	30.34	78.0	5.72	3.5	SR5	9/19/2017 20:10	29.85	79.1	5.80	3.3
SR5	9/19/2017 2:15	29.49	74.5	5.47	4.2	SR5	9/19/2017 8:15	29.41	73.6	5.42	3.1	SR5	9/19/2017 14:15	30.16	77.7	5.70	2.9	SR5	9/19/2017 20:15	29.84	77.2	5.67	3.3
SR5	9/19/2017 2:20	29.51	73.2	5.38	4.1	SR5	9/19/2017 8:20	29.41	73.4	5.40	3.8	SR5	9/19/2017 14:20	30.28	79.0	5.78	3.0	SR5	9/19/2017 20:20	29.83	77.5	5.69	3.4
SR5	9/19/2017 2:25	29.49	74.0	5.43	6.4	SR5	9/19/2017 8:25	29.35	73.4	5.40	3.7	SR5	9/19/2017 14:25	30.23	79.9	5.86	3.5	SR5	9/19/2017 20:25	29.83	79.0	5.80	3.4
SR5	9/19/2017 2:30	29.49	73.1	5.37	3.1	SR5	9/19/2017 8:30	29.36	73.2	5.39	3.6	SR5						SR5	9/19/2017 20:30	29.83	78.1	5.73	3.3
SR5	9/19/2017 2:35	29.47	72.8	5.35	3.5	SR5	9/19/2017 8:35	29.36	73.3	5.39	3.6	SR5						SR5	9/19/2017 20:35	29.82	76.7	5.63	3.4
SR5	9/19/2017 2:40	29.51	73.1	5.37	4.5	SR5	9/19/2017 8:40	29.32	74.3	5.47	3.1	SR5						SR5	9/19/2017 20:40	29.81	76.9	5.65	3.4
SR5	9/19/2017 2:45	29.44	73.6	5.40	4.1	SR5	9/19/2017 8:45	29.32	75.8	5.57	3.7	SR5	9/19/2017 14:45	30.35	80.4	5.90	3.3	SR5	9/19/2017 20:45	29.80	77.8	5.71	3.5
SR5	9/19/2017 2:50	29.39	72.8	5.34	3.7	SR5	9/19/2017 8:50	29.39	74.3	5.46	3.8	SR5	9/19/2017 14:50	30.32	83.1	6.10	2.9	SR5	9/19/2017 20:50	29.78	77.3	5.68	3.2
SR5	9/19/2017 2:55	29.36	74.8	5.49	3.3	SR5	9/19/2017 8:55	29.40	75.0	5.51	4.2	SR5	9/19/2017 14:55	30.30	81.8	6.00	3.1	SR5	9/19/2017 20:55	29.77	76.3	5.61	3.2
SR5	9/19/2017 3:00	29.40	74.1	5.43	4.0	SR5	9/19/2017 9:00	29.41	75.4	5.55	3.2	SR5	9/19/2017 15:00	30.27	84.6	6.19	3.5	SR5	9/19/2017 21:00	29.74	77.6	5.70	3.5
SR5	9/19/2017 3:05	29.46	74.8	5.49	3.2	SR5	9/19/2017 9:05	29.43	75.0	5.52	4.0	SR5	9/19/2017 15:05	30.27	83.0	6.07	3.5	SR5	9/19/2017 21:05	29.73	78.0	5.73	3.3
SR5	9/19/2017 3:10	29.46	75.2	5.52	4.3	SR5	9/19/2017 9:10	29.46	73.8	5.43	4.7	SR5	9/19/2017 15:10	30.19	82.5	6.03	3.1	SR5	9/19/2017 21:10	29.72	77.6	5.70	3.4
SR5	9/19/2017 3:15	29.46	76.6	5.62	2.9	SR5	9/19/2017 9:15	29.51	75.3	5.53	4.0	SR5	9/19/2017 15:15	30.25	80.4	5.89	3.2	SR5	9/19/2017 21:15	29.70	77.3	5.68	3.4
SR5	9/19/2017 3:20	29.46	74.2	5.45	4.2	SR5	9/19/2017 9:20	29.52	77.0	5.66	4.6	SR5	9/19/2017 15:20	30.34	81.1	5.94	3.4	SR5	9/19/2017 21:20	29.68	77.5	5.69	3.3
SR5	9/19/2017 3:25	29.41	74.7	5.48	4.9	SR5	9/19/2017 9:25	29.56	75.1	5.52	3.8	SR5	9/19/2017 15:25	30.36	80.7	5.91	3.5	SR5	9/19/2017 21:25	29.66	76.0	5.58	3.2
SR5	9/19/2017 3:30	29.43	74.1	5.43	4.3	SR5	9/19/2017 9:30	29.50	75.4	5.55	4.5	SR5	9/19/2017 15:30	30.26	83.2	6.09	3.6	SR5	9/19/2017 21:30	29.62	76.1	5.59	3.2
SR5	9/19/2017 3:35	29.49	75.2	5.51	5.5	SR5	9/19/2017 9:35	29.47	75.9	5.58	4.2	SR5	9/19/2017 15:35	30.18	81.0	5.93	3.5	SR5	9/19/2017 21:35	29.61	75.4	5.54	3.5
SR5	9/19/2017 3:40	29.49	75.0	5.50	3.6	SR5	9/19/2017 9:40	29.47	75.0	5.51	4.4	SR5	9/19/2017 15:40	30.19	80.0	5.86	3.2	SR5	9/19/2017 21:40	29.60	75.8	5.57	3.3
SR5	9/19/2017 3:45	29.47	74.5	5.46	3.6	SR5	9/19/2017 9:45	29.48	75.8	5.58	3.4	SR5	9/19/2017 15:45	30.15	82.1	6.02	3.2	SR5	9/19/2017 21:45	29.57	76.1	5.59	3.3
SR5	9/19/2017 3:50	29.51	74.0	5.43	4.3	SR5	9/19/2017 9:50	29.41	75.5	5.55	3.5	SR5	9/19/2017 15:50	30.11	81.3	5.95	3.3	SR5	9/19/2017 21:50	29.56	74.6	5.49	3.1
SR5	9/19/2017 3:55	29.34	73.6	5.40	4.1	SR5	9/19/2017 9:55	29.37	75.5	5.55	3.6	SR5	9/19/2017 15:55	30.09	79.6	5.82	3.0	SR5	9/19/2017 21:55	29.52	76.0	5.58	3.3
SR5	9/19/2017 4:00	29.31	74.0	5.43	4.1	SR5	9/19/2017 10:00	29.44	75.9	5.58	4.5	SR5	9/19/2017 16:00	30.08	78.1	5.71	3.5	SR5	9/19/2017 22:00	29.52	74.5	5.47	3.4
SR5	9/19/2017 4:05	29.24	74.4	5.45	4.3	SR5	9/19/2017 10:05	29.43	76.5	5.63	4.5	SR5	9/19/2017 16:05	30.06	76.6	5.60	3.2	SR5	9/19/2017 22:05	29.50	75.6	5.55	3.1
SR5	9/19/2017 4:10	29.28	73.7	5.40	3.8	SR5	9/19/2017 10:10	29.38	76.9	5.65	4.5	SR5	9/19/2017 16:10	30.07	78.7	5.75	3.3	SR5	9/19/2017 22:10	29.48	74.9	5.50	3.1
SR5	9/19/2017 4:15	29.36	73.2	5.37	4.3	SR5	9/19/2017 10:15	29.35	77.7	5.71	4.4	SR5	9/19/2017 16:15	30.10	78.3	5.72	3.5	SR5	9/19/2017 22:15	29.45	74.5	5.48	3.0
SR5	9/19/2017 4:20	29.40	73.7	5.41	4.0	SR5	9/19/2017 10:20	29.36	79.4	5.83	4.5	SR5	9/19/2017 16:20	30.12	77.4	5.65	3.4	SR5	9/19/2017 22:20	29.51	76.2	5.60	3.1
SR5	9/19/2017 4:25	29.36	73.1	5.36	4.5	SR5	9/19/2017 10:25	29.34	78.1	5.73	4.3	SR5	9/19/2017 16:25	30.11	78.6	5.74	3.2	SR5	9/19/2017 22:25	29.53	74.7	5.49	3.2
SR5	9/19/2017 4:30	29.35	73.8	5.41	4.5	SR5	9/19/2017 10:30	29.42	78.1	5.73	3.7	SR5	9/19/2017 16:30	30.12	78.2	5.71	3.4	SR5	9/19/2017 22:30	29.57	75.2	5.54	3.4
SR5	9/19/2017 4:35	29.35	72.4	5.31	3.0	SR5	9/19/2017 10:35	29.63	78.4	5.75	3.4	SR5	9/19/2017 16:35	30.07	79.4	5.80	3.2	SR5	9/19/2017 22:35	29.60	75.9	5.58	3.2
SR5	9/19/2017 4:40	29.27	73.6	5.40	4.3	SR5	9/19/2017 10:40	29.48	77.8	5.70	3.8	SR5	9/19/2017 16:40	30.11	77.5	5.66	2.9	SR5	9/19/2017 22:40	29.61	75.0	5.52	3.2
SR5	9/19/2017 4:45	29.28	73.0	5.35	3.6	SR5	9/19/2017 10:45	29.51	77.1	5.65	3.1	SR5	9/19/2017 16:45	29.99	77.2	5.63	3.3	SR5	9/19/2017 22:45	29.59	76.2	5.60	3.2
SR5	9/19/2017 4:50	29.29	72.0	5.28	4.1	SR5	9/19/2017 10:50	29.50	78.2	5.73	4.1	SR5	9/19/2017 16:50	29.93	78.0	5.69	3.5	SR5	9/19/2017 22:50	29.58	76.2	5.60	3.1
SR5	9/19/2017 4:55	29.25	73.8	5.41	4.4	SR5	9/19/2017 10:55	29.47	78.7	5.77	3.7	SR5	9/19/2017 16:55	30.03	77.0	5.62	2.9	SR5	9/19/2017 22:55	29.56	76.7	5.64	3.1
SR5	9/19/2017 5:00	29.22	72.7	5.33	4.4	SR5	9/19/2017 11:00	29.49	79.2	5.81	5.2	SR5	9/19/2017 17:00	30.03	78.6	5.73	3.3	SR5	9/19/2017 23:00	29.57	75.2	5.53	3.4
SR5	9/19/2017 5:05	29.24	71.5	5.24	4.3	SR5	9/19/2017 11:05	29.45	78.8	5.77	3.9	SR5	9/19/2017 17:05	29.90	77.7	5.67	3.5	SR5	9/19/2017 23:05	29.54	75.1	5.52	3.0
SR5	9/19/2017 5:10	29.26	71.5	5.24	4.1	SR5	9/19/2017 11:10	29.49	78.2	5.73	3.4	SR5	9/19/2017 17:10	29.86	78.7	5.74	3.3	SR5	9/19/2017 23:10	29.55	74.9	5.51	3.2
SR5	9/19/2017 5:15	29.24	71.9	5.27	5.3	SR5	9/19/2017 11:15	29.41	77.0	5.65	3.3	SR5	9/19/2017 17:15	29.84	79.2	5.77	3.3	SR5	9/19/2017 23:15	29.55	74.9	5.50	3.4
SR5	9/19/2017 5:20	29.25	72.8	5.34	4.6	SR5	9/19/2017 11:20	29.39	76.2	5.58	3.4	SR5	9/19/2017 17:20	29.83	79.5	5.80	2.7	SR5	9/19/2017 23:20	29.55	74.4	5.47	3.2
SR5	9/19/2017 5:25	29.30	74.2	5.44	4.4	SR5	9/19/2017 11:25	29.36	76.5	5.60	3.2	SR5	9/19/2017 17:25	29.85	79.0	5.76	3.3	SR5	9/19/2017 23:25	29.55	74.9	5.51	2.9
SR5	9/19/2017 5:30	29.33	72.2	5.30	3.8	SR5	9/19/2017 11:30	29.34	77.5	5.68	3.6	SR5	9/19/2017 17:30	29.87	78.1	5.70	3.2	SR5	9/19/2017 23:30	29.54	75.5	5.55	3.1
SR5	9/19/2017 5:35	29.37	72.2	5.30	3.2	SR5	9/19/2017 11:35	29.44	76.4	5.59	3.2	SR5	9/19/2017 17:35	29.86	78.2	5.70	3.2	SR5	9/19/2017 23:35	29.55	74.5	5.49	3.2
SR5	9/19/2017 5:40	29.35	72.4	5.31	3.7	SR5	9/19/2017 11:40	29.46	78.5	5.74	3.7	SR5	9/19/2017 17:40	29.88	78.0	5.69	3.2	SR5	9/19/2017 23:40	29.54	75.4	5.54	3.1
SR5	9/19/2017 5:45	29.38	71.4	5.24	3.4	SR5	9/19/2017 11:45	29.51	76.6	5.61	3.4	SR5	9/19/2017 17:45	29.88	78.0	5.69	2.9	SR5	9/19/2017 23:45	29.54	75.6	5.56	3.2
SR5	9/19/2017 5:50	29.38	71.2	5.22	3.9	SR5	9/19/2017 11:50	29.59	76.4	5.60	3.8	SR5	9/19/2017 17:50	29.92	79.0	5.76	3.2	SR5	9/19/2017 23:50	29.53	76.5	5.63	3.2
SR5	9/19/2017 5:55	29.38	71.3	5.23	4.6	SR5	9/19/2017 11:55	29.70	73.3	5.38	2.7	SR5	9/19/2017 17:55	29.94	77.9	5.68	3.5	SR5	9/19/2017 23:55	29.53	75.3	5.54	3.2

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR12	9/19/2017 0:01	29.41	74.6	5.48	4.2	SR12	9/19/2017 6:01	29.41	70.2	5.15	4.5	SR12	9/19/2017 12:01	29.40	75.5	5.54	8.4	SR12	9/19/2017 18:01	30.10	74.7	5.46	4.7
SR12	9/19/2017 0:06	29.43	73.7	5.41	6.4	SR12	9/19/2017 6:06	29.43	69.8	5.12	6.2	SR12	9/19/2017 12:06	29.37	72.6	5.33	7.6	SR12	9/19/2017 18:06	30.13	74.6	5.45	6.0
SR12	9/19/2017 0:11	29.42	74.5	5.48	5.2	SR12	9/19/2017 6:11	29.49	70.6	5.19	6.4	SR12	9/19/2017 12:11	29.36	73.9	5.42	6.0	SR12	9/19/2017 18:11	30.11	74.4	5.44	5.0
SR12	9/19/2017 0:16	29.39	73.1	5.37	7.1	SR12	9/19/2017 6:16	29.39	71.3	5.24	7.6	SR12	9/19/2017 12:16	29.35	76.0	5.57	8.5	SR12	9/19/2017 18:16	30.11	74.2	5.42	5.5
SR12	9/19/2017 0:21	29.38	72.6	5.33	7.3	SR12	9/19/2017 6:21	29.51	71.5	5.25	6.3	SR12	9/19/2017 12:21	29.57	74.9	5.50	5.5	SR12	9/19/2017 18:21	30.08	75.4	5.51	5.5
SR12	9/19/2017 0:26	29.43	71.9	5.28	5.1	SR12	9/19/2017 6:26	29.51	70.7	5.19	6.7	SR12	9/19/2017 12:26	29.57	76.1	5.58	6.6	SR12	9/19/2017 18:26	30.12	74.0	5.41	6.6
SR12	9/19/2017 0:31	29.48	70.8	5.19	4.5	SR12	9/19/2017 6:31	29.52	70.7	5.19	6.5	SR12	9/19/2017 12:31	29.40	75.3	5.53	5.9	SR12	9/19/2017 18:31	30.00	74.1	5.41	7.2
SR12	9/19/2017 0:36	29.38	70.1	5.15	7.7	SR12	9/19/2017 6:36	29.57	69.6	5.11	8.0	SR12	9/19/2017 12:36	29.41	75.7	5.56	6.1	SR12	9/19/2017 18:36	29.94	74.6	5.46	7.2
SR12	9/19/2017 0:41	29.44	70.5	5.18	5.6	SR12	9/19/2017 6:41	29.39	69.8	5.13	5.3	SR12	9/19/2017 12:41	29.41	75.9	5.57	5.7	SR12	9/19/2017 18:41	30.02	74.5	5.45	5.7
SR12	9/19/2017 0:46	29.51	70.3	5.16	6.7	SR12	9/19/2017 6:46	29.43	69.5	5.10	3.8	SR12	9/19/2017 12:46	29.41	75.9	5.57	6.9	SR12	9/19/2017 18:46	30.02	74.4	5.44	7.0
SR12	9/19/2017 0:51	29.44	70.6	5.18	7.7	SR12	9/19/2017 6:51	29.50	69.5	5.10	4.1	SR12	9/19/2017 12:51	29.40	74.5	5.47	7.7	SR12	9/19/2017 18:51	29.90	74.9	5.48	6.3
SR12	9/19/2017 0:56	29.46	70.5	5.17	6.2	SR12	9/19/2017 6:56	29.54	69.9	5.13	4.7	SR12	9/19/2017 12:56	29.42	73.4	5.39	5.4	SR12	9/19/2017 18:56	29.88	74.7	5.46	6.3
SR12	9/19/2017 1:01	29.31	71.5	5.25	7.0	SR12	9/19/2017 7:01	29.41	70.0	5.14	5.4	SR12	9/19/2017 13:01	29.41	76.3	5.60	7.9	SR12	9/19/2017 19:01	29.87	74.7	5.47	5.4
SR12	9/19/2017 1:06	29.43	74.7	5.48	6.9	SR12	9/19/2017 7:06	29.39	70.9	5.21	6.7	SR12	9/19/2017 13:06	29.47	77.4	5.68	6.9	SR12	9/19/2017 19:06	29.86	74.1	5.42	7.1
SR12	9/19/2017 1:11	29.35	74.2	5.46	5.4	SR12	9/19/2017 7:11	29.43	70.6	5.19	4.6	SR12	9/19/2017 13:11	29.48	75.4	5.53	7.5	SR12	9/19/2017 19:11	29.87	74.3	5.44	6.6
SR12	9/19/2017 1:16	29.52	73.3	5.39	6.2	SR12	9/19/2017 7:16	29.42	71.0	5.21	6.3	SR12	9/19/2017 13:16	29.43	76.7	5.61	6.8	SR12	9/19/2017 19:16	29.89	74.1	5.42	6.7
SR12	9/19/2017 1:21	29.45	72.9	5.36	8.1	SR12	9/19/2017 7:21	29.57	72.0	5.29	4.6	SR12	9/19/2017 13:21	29.54	77.4	5.66	6.5	SR12	9/19/2017 19:21	29.87	73.6	5.39	6.8
SR12	9/19/2017 1:26	29.48	73.2	5.38	4.3	SR12	9/19/2017 7:26	29.40	71.3	5.25	5.3	SR12	9/19/2017 13:26	29.55	79.7	5.84	7.0	SR12	9/19/2017 19:26	29.89	73.3	5.36	5.6
SR12	9/19/2017 1:31	29.62	72.1	5.30	6.2	SR12	9/19/2017 7:31	29.50	72.8	5.35	7.7	SR12	9/19/2017 13:31	29.57	78.9	5.78	6.6	SR12	9/19/2017 19:31	29.88	74.1	5.42	6.0
SR12	9/19/2017 1:36	29.62	74.2	5.45	5.3	SR12	9/19/2017 7:36	29.43	71.2	5.24	5.3	SR12	9/19/2017 13:36	29.60	78.3	5.75	6.5	SR12	9/19/2017 19:36	29.92	74.6	5.46	6.7
SR12	9/19/2017 1:41	29.59	72.5	5.33	8.2	SR12	9/19/2017 7:41	29.41	71.3	5.24	6.3	SR12	9/19/2017 13:41	29.72	76.7	5.63	7.7	SR12	9/19/2017 19:41	29.95	75.0	5.49	7.3
SR12	9/19/2017 1:46	29.43	74.3	5.46	5.2	SR12	9/19/2017 7:46	29.61	72.0	5.29	5.8	SR12	9/19/2017 13:46	29.82	75.8	5.57	6.1	SR12	9/19/2017 19:46	29.97	75.3	5.52	6.1
SR12	9/19/2017 1:51	29.55	73.2	5.39	7.3	SR12	9/19/2017 7:51	29.53	71.6	5.27	7.0	SR12	9/19/2017 13:51	29.94	76.7	5.63	5.1	SR12	9/19/2017 19:51	29.99	75.4	5.53	7.1
SR12	9/19/2017 1:56	29.51	73.7	5.42	6.9	SR12	9/19/2017 7:56	29.58	71.7	5.27	4.1	SR12	9/19/2017 13:56	30.15	78.5	5.76	6.6	SR12	9/19/2017 19:56	30.02	75.7	5.56	7.5
SR12	9/19/2017 2:01	29.70	72.7	5.35	5.2	SR12	9/19/2017 8:01	29.54	71.5	5.26	5.2	SR12	9/19/2017 14:01	30.10	77.1	5.66	6.4	SR12	9/19/2017 20:01	30.02	75.6	5.55	7.1
SR12	9/19/2017 2:06	29.67	73.2	5.38	9.4	SR12	9/19/2017 8:06	29.44	72.6	5.34	6.4	SR12	9/19/2017 14:06	29.97	78.2	5.73	5.1	SR12	9/19/2017 20:06	29.99	76.1	5.59	6.4
SR12	9/19/2017 2:11	29.50	72.9	5.36	7.1	SR12	9/19/2017 8:11	29.50	72.9	5.36	6.0	SR12	9/19/2017 14:11	29.97	76.3	5.59	6.1	SR12	9/19/2017 20:11	30.02	75.7	5.56	7.0
SR12	9/19/2017 2:16	29.50	72.6	5.33	7.9	SR12	9/19/2017 8:16	29.57	72.7	5.35	6.0	SR12	9/19/2017 14:16	29.90	76.0	5.58	5.9	SR12	9/19/2017 20:16	30.01	75.3	5.53	5.9
SR12	9/19/2017 2:21	29.55	72.7	5.34	8.1	SR12	9/19/2017 8:21	29.44	73.2	5.38	6.7	SR12	9/19/2017 14:21	29.83	76.7	5.62	5.0	SR12	9/19/2017 20:21	29.99	75.9	5.58	5.9
SR12	9/19/2017 2:26	29.68	71.6	5.26	8.8	SR12	9/19/2017 8:26	29.52	72.2	5.31	5.8	SR12	9/19/2017 14:26	29.99	78.9	5.78	6.7	SR12	9/19/2017 20:26	29.97	76.3	5.61	7.3
SR12	9/19/2017 2:31	29.49	71.8	5.27	4.8	SR12	9/19/2017 8:31	29.36	73.0	5.37	5.7	SR12	9/19/2017 14:31	30.18	77.9	5.71	6.8	SR12	9/19/2017 20:31	29.96	75.1	5.52	6.6
SR12	9/19/2017 2:36	29.60	71.8	5.27	5.4	SR12	9/19/2017 8:36	29.46	72.9	5.36	5.7	SR12	9/19/2017 14:36	30.17	76.9	5.64	5.9	SR12	9/19/2017 20:36	29.97	75.1	5.52	6.3
SR12	9/19/2017 2:41	29.54	71.9	5.28	6.9	SR12	9/19/2017 8:41	29.48	73.0	5.37	5.0	SR12	9/19/2017 14:41	30.02	79.0	5.80	7.0	SR12	9/19/2017 20:41	29.95	74.8	5.50	7.5
SR12	9/19/2017 2:46	29.58	71.2	5.23	5.1	SR12	9/19/2017 8:46	29.39	73.6	5.42	5.6	SR12	9/19/2017 14:46	29.92	78.2	5.74	7.0	SR12	9/19/2017 20:46	29.95	74.8	5.50	7.0
SR12	9/19/2017 2:51	29.57	71.9	5.28	4.3	SR12	9/19/2017 8:51	29.52	73.6	5.41	5.7	SR12	9/19/2017 14:51	30.05	80.5	5.91	6.3	SR12	9/19/2017 20:51	29.96	74.5	5.47	6.1
SR12	9/19/2017 2:56	29.48	72.9	5.35	4.1	SR12	9/19/2017 8:56	29.42	73.0	5.37	6.9	SR12	9/19/2017 14:56	30.58	80.1	5.88	6.2	SR12	9/19/2017 20:56	30.00	75.1	5.52	5.4
SR12	9/19/2017 3:01	29.48	72.9	5.35	6.7	SR12	9/19/2017 9:01	29.46	73.6	5.42	5.7	SR12	9/19/2017 15:01	30.47	80.9	5.93	6.7	SR12	9/19/2017 21:01	30.00	74.8	5.50	5.9
SR12	9/19/2017 3:06	29.46	74.1	5.44	5.3	SR12	9/19/2017 9:06	29.43	72.6	5.34	5.6	SR12	9/19/2017 15:06	30.33	81.0	5.93	6.4	SR12	9/19/2017 21:06	29.98	74.4	5.47	6.3
SR12	9/19/2017 3:11	29.51	75.0	5.51	9.2	SR12	9/19/2017 9:11	29.49	72.2	5.31	6.9	SR12	9/19/2017 15:11	30.42	80.3	5.88	5.6	SR12	9/19/2017 21:11	29.97	73.6	5.42	6.1
SR12	9/19/2017 3:16	29.63	74.4	5.47	5.6	SR12	9/19/2017 9:16	29.59	73.7	5.42	6.7	SR12	9/19/2017 15:16	30.20	78.7	5.76	6.4	SR12	9/19/2017 21:16	29.95	74.5	5.48	6.7
SR12	9/19/2017 3:21	29.63	72.8	5.34	7.9	SR12	9/19/2017 9:21	29.66	75.5	5.55	8.4	SR12	9/19/2017 15:21	30.25	78.4	5.75	7.3	SR12	9/19/2017 21:21	29.94	74.2	5.46	6.0
SR12	9/19/2017 3:26	29.50	72.9	5.35	**11.3**	SR12	9/19/2017 9:26	29.56	74.8	5.50	6.1	SR12	9/19/2017 15:26	30.32	79.5	5.83	6.8	SR12	9/19/2017 21:26	29.92	74.3	5.46	5.8
SR12	9/19/2017 3:31	29.51	72.9	5.35	8.3	SR12	9/19/2017 9:31	29.60	74.0	5.45	7.7	SR12	9/19/2017 15:31	30.60	80.9	5.93	7.9	SR12	9/19/2017 21:31	29.89	73.4	5.39	5.7
SR12	9/19/2017 3:36	29.52	72.9	5.35	6.4	SR12	9/19/2017 9:36	29.64	74.9	5.51	7.5	SR12	9/19/2017 15:36	30.63	78.1	5.72	7.3	SR12	9/19/2017 21:36	29.90	73.0	5.37	6.9
SR12	9/19/2017 3:41	29.53	73.6	5.40	6.7	SR12	9/19/2017 9:41	29.59	74.1	5.45	8.0	SR12	9/19/2017 15:41	30.64	78.9	5.78	5.9	SR12	9/19/2017 21:41	29.89	73.0	5.37	7.0
SR12	9/19/2017 3:46	29.57	73.5	5.39	5.3	SR12	9/19/2017 9:46	29.66	74.2	5.47	5.5	SR12	9/19/2017 15:46	30.34	79.4	5.82	6.1	SR12	9/19/2017 21:46	29.89	72.7	5.35	6.2
SR12	9/19/2017 3:51	29.66	72.9	5.35	8.0	SR12	9/19/2017 9:51	29.47	75.2	5.53	6.1	SR12	9/19/2017 15:51	30.13	80.1	5.87	6.4	SR12	9/19/2017 21:51	29.87	72.6	5.34	5.8
SR12	9/19/2017 3:56	29.38	73.7	5.41	9.0	SR12	9/19/2017 9:56	29.46	74.8	5.51	5.1	SR12	9/19/2017 15:56	30.29	76.5	5.60	4.9	SR12	9/19/2017 21:56	29.86	72.9	5.36	6.1
SR12	9/19/2017 4:01	29.45	73.0	5.36	8.5	SR12	9/19/2017 10:01	29.49	75.2	5.53	7.5	SR12	9/19/2017 16:01	30.15	75.6	5.54	7.5	SR12	9/19/2017 22:01	29.85	72.5	5.33	6.3
SR12	9/19/2017 4:06	29.33	72.4	5.31	7.5	SR12	9/19/2017 10:06	29.57	75.9	5.58	7.9	SR12	9/19/2017 16:06	30.17	75.1	5.50	6.0	SR12	9/19/2017 22:06	29.84	71.9	5.29	6.8
SR12	9/19/2017 4:11	29.32	72.6	5.32	6.4	SR12	9/19/2017 10:11	29.54	75.9	5.58	8.1	SR12	9/19/2017 16:11	30.16	76.0	5.56	6.6	SR12	9/19/2017 22:11	29.84	72.3	5.32	5.7
SR12	9/19/2017 4:16	29.36	71.7	5.26	6.9	SR12	9/19/2017 10:16	29.51	75.4	5.54	7.6	SR12	9/19/2017 16:16	30.17	75.1	5.49	7.4	SR12	9/19/2017 22:16	29.83	72.7	5.35	6.1
SR12	9/19/2017 4:21	29.60	71.7	5.26	7.3	SR12	9/19/2017 10:21	29.50	77.0	5.65	7.6	SR12	9/19/2017 16:21	30.09	75.6	5.52	7.0	SR12	9/19/2017 22:21	29.82	72.0	5.30	6.3
SR12	9/19/2017 4:26	29.38	71.7	5.26	7.3	SR12	9/19/2017 10:26	29.44	77.2	5.67	7.6	SR12	9/19/2017 16:26	30.31	74.8	5.47	6.9	SR12	9/19/2017 22:26	29.81	71.7	5.28	6.7
SR12	9/19/2017 4:31	29.37	72.5	5.32	8.4	SR12	9/19/2017 10:31	29.50	77.2	5.66	5.9	SR12	9/19/2017 16:31	30.35	76.1	5.56	6.9	SR12	9/19/2017 22:31	29.81	72.5	5.34	7.6
SR12	9/19/2017 4:36	29.54	70.9	5.20	5.1	SR12	9/19/2017 10:36	29.70	77.2	5.67	4.6	SR12	9/19/2017 16:36	30.35	75.6	5.52	5.7	SR12	9/19/2017 22:36	29.78	72.7	5.35	6.6
SR12	9/19/2017 4:41	29.38	71.2	5.22	7.9	SR12	9/19/2017 10:41	29.50	76.2	5.59	5.4	SR12	9/19/2017 16:41	30.36	75.4	5.51	5.5	SR12	9/19/2017 22:41	29.77	72.5	5.33	6.0
SR12	9/19/2017 4:46	29.42	71.1	5.21	5.8	SR12	9/19/2017 10:46	29.69	77.1	5.66	5.5	SR12	9/19/2017 16:46	30.34	75.7	5.53	5.9	SR12	9/19/2017 22:46	29.73	73.2	5.39	6.2
SR12	9/19/2017 4:51	29.31	72.0	5.28	8.0	SR12	9/19/2017 10:51	29.55	77.4	5.68	8.7	SR12	9/19/2017 16:51	30.32	75.4	5.50	7.3	SR12	9/19/2017 22:51	29.73	72.1	5.31	5.6
SR12	9/19/2017 4:56	29.27	71.4	5.24	7.2	SR12	9/19/2017 10:56	29.62	78.0	5.72	7.7	SR12	9/19/2017 16:56	30.25	75.7	5.53	5.6	SR12	9/19/2017 22:56	29.72	72.7	5.36	6.9
SR12	9/19/2017 5:01	29.37	71.4	5.24	6.5	SR12	9/19/2017 11:01	29.52	77.7	5.70	**12.3**	SR12	9/19/2017 17:01	30.32	75.2	5.49	7.0	SR12	9/19/2017 23:01	29.70	73.1	5.38	6.4
SR12	9/19/2017 5:06	29.31	70.8	5.19	5.6	SR12	9/19/2017 11:06	29.58	77.9	5.71	8.6	SR12	9/19/2017 17:06	30.41	76.7	5.60	7.0	SR12	9/19/2017 23:06	29.68	72.7	5.35	6.1
SR12	9/19/2017 5:11	29.44	70.5	5.17	8.3	SR12	9/19/2017 11:11	29.52	77.8	5.70	7.8	SR12	9/19/2017 17:11	30.37	76.5	5.58	7.0	SR12	9/19/2017 23:11	29.65	72.1	5.31	5.9
SR12	9/19/2017 5:16	29.29	70.0	5.14	8.8	SR12	9/19/2017 11:16	29.61	76.0	5.57	7.3	SR12	9/19/2017 17:16	30.26	76.7	5.60	6.3	SR12	9/19/2017 23:16	29.62	72.0	5.30	7.0
SR12	9/19/2017 5:21	29.41	71.3	5.23	7.2	SR12	9/19/2017 11:21	29.41	75.3	5.52	6.3	SR12	9/19/2017 17:21	30.19	76.6	5.59	5.7	SR12	9/19/2017 23:21	29.60	71.3	5.25	7.0
SR12	9/19/2017 5:26	29.42	72.1	5.29	5.9	SR12	9/19/2017 11:26	29.53	75.3	5.51	6.6	SR12	9/19/2017 17:26	30.20	76.4	5.58	6.0	SR12	9/19/2017 23:26	29.59	72.1	5.31	6.2
SR12	9/19/2017 5:31	29.51	71.5	5.25	4.7	SR12	9/19/2017 11:31	29.40	75.3	5.52	6.8	SR12	9/19/2017 17:31	30.17	76.3	5.57	6.2	SR12	9/19/2017 23:31	29.57	71.6	5.27	5.7
SR12	9/19/2017 5:36	29.49	70.2	5.15	5.7	SR12	9/19/2017 11:36	29.59	74.9	5.49	6.9	SR12	9/19/2017 17:36	30.11	76.3	5.57	5.8	SR12	9/19/2017 23:36	29.55	72.4	5.34	7.0
SR12	9/19/2017 5:41	29.35	70.0	5.14	4.8	SR12	9/19/2017 11:41	29.50	77.2	5.65	7.8	SR12	9/19/2017 17:41	30.09	76.6	5.59	5.9	SR12	9/19/2017 23:41	29.50	72.4	5.33	6.8
SR12	9/19/2017 5:46	29.56	70.2	5.15	5.5	SR12	9/19/2017 11:46	29.47	76.2	5.58	7.2	SR12	9/19/2017 17:46	30.08	75.0	5.48	4.7	SR12	9/19/2017 23:46	29.50	72.3	5.32	6.5
SR12	9/19/2017 5:51	29.58	69.9	5.13	6.0	SR12	9/19/2017 11:51	29.40	74.7	5.48	7.9	SR12	9/19/2017 17:51	30.07	75.7	5.53	6.4	SR12	9/19/2017 23:51	29.81	72.3	5.33	7.1
SR12	9/19/2017 5:56	29.53	68.9	5.06	8.0	SR12	9/19/2017 11:56	29.40	72.6	5.33	5.7	SR12	9/19/2017 17:56	30.08	75.9	5.54	7.8	SR12	9/19/2017 23:56	29.81	72.5	5.34	7.3

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR13	9/19/2017 0:00	29.43	73.3	5.31	6.1	SR13	9/19/2017 6:00	29.20	71.5	5.17	5.7	SR13	9/19/2017 12:01	29.79	72.8	5.27	8.1	SR13	9/19/2017 18:00	30.07	70.8	5.12	5.7
SR13	9/19/2017 0:05	29.40	73.5	5.32	8.0	SR13	9/19/2017 6:05	29.18	70.8	5.13	7.4	SR13	9/19/2017 12:05	29.73	71.8	5.20	7.2	SR13	9/19/2017 18:05	30.08	70.6	5.10	7.0
SR13	9/19/2017 0:10	29.39	72.6	5.27	8.1	SR13	9/19/2017 6:10	29.18	71.2	5.16	5.5	SR13	9/19/2017 12:10	29.90	72.4	5.24	7.1	SR13	9/19/2017 18:10	30.11	70.8	5.12	6.8
SR13	9/19/2017 0:15	29.37	71.9	5.21	7.3	SR13	9/19/2017 6:15	29.23	71.0	5.14	6.7	SR13	9/19/2017 12:15	29.92	73.2	5.30	7.9	SR13	9/19/2017 18:15	30.12	70.9	5.12	6.4
SR13	9/19/2017 0:20	29.36	72.0	5.21	7.3	SR13	9/19/2017 6:20	29.24	72.0	5.22	7.1	SR13	9/19/2017 12:20	29.83	72.3	5.24	6.6	SR13	9/19/2017 18:20	30.07	71.2	5.15	6.2
SR13	9/19/2017 0:25	29.37	71.9	5.21	7.2	SR13	9/19/2017 6:25	29.21	70.9	5.13	6.9	SR13	9/19/2017 12:25	29.82	72.9	5.28	8.1	SR13	9/19/2017 18:25	30.06	70.7	5.11	5.0
SR13	9/19/2017 0:30	29.36	70.9	5.13	7.2	SR13	9/19/2017 6:30	29.22	70.9	5.13	6.3	SR13	9/19/2017 12:30	29.72	73.4	5.32	7.2	SR13	9/19/2017 18:30	30.11	70.7	5.11	6.3
SR13	9/19/2017 0:35	29.37	71.2	5.16	7.5	SR13	9/19/2017 6:35	29.21	70.8	5.13	6.8	SR13	9/19/2017 12:35	29.66	72.7	5.27	6.5	SR13	9/19/2017 18:35	29.98	70.9	5.13	6.1
SR13	9/19/2017 0:40	29.36	71.2	5.16	8.1	SR13	9/19/2017 6:40	29.05	69.9	5.07	8.2	SR13	9/19/2017 12:40	29.60	73.1	5.30	7.5	SR13	9/19/2017 18:40	29.91	71.4	5.16	7.8
SR13	9/19/2017 0:45	29.36	71.7	5.19	8.2	SR13	9/19/2017 6:45	29.18	71.0	5.14	5.5	SR13	9/19/2017 12:45	29.68	73.6	5.33	7.1	SR13	9/19/2017 18:45	30.00	70.9	5.13	7.9
SR13	9/19/2017 0:50	29.38	70.9	5.13	9.1	SR13	9/19/2017 6:50	29.16	69.8	5.05	5.8	SR13	9/19/2017 12:50	29.68	72.8	5.28	7.0	SR13	9/19/2017 18:50	30.01	71.3	5.16	5.6
SR13	9/19/2017 0:55	29.38	72.0	5.21	8.3	SR13	9/19/2017 6:55	29.19	70.3	5.09	5.9	SR13	9/19/2017 12:55	29.78	71.9	5.21	6.5	SR13	9/19/2017 18:55	29.97	70.8	5.12	6.3
SR13	9/19/2017 1:00	29.45	71.7	5.19	8.4	SR13	9/19/2017 7:00	29.27	70.9	5.13	6.2	SR13	9/19/2017 13:00	29.80	72.7	5.27	8.3	SR13	9/19/2017 19:00	29.88	71.1	5.15	7.3
SR13	9/19/2017 1:05	29.45	73.0	5.29	8.4	SR13	9/19/2017 7:05	29.22	71.5	5.18	5.2	SR13	9/19/2017 13:05	29.84	73.9	5.36	7.3	SR13	9/19/2017 19:05	29.93	70.8	5.12	6.4
SR13	9/19/2017 1:10	29.44	73.0	5.30	6.9	SR13	9/19/2017 7:10	29.21	71.1	5.15	5.8	SR13	9/19/2017 13:10	29.83	72.8	5.27	6.2	SR13	9/19/2017 19:10	29.95	71.3	5.16	6.7
SR13	9/19/2017 1:15	29.43	73.2	5.31	7.2	SR13	9/19/2017 7:15	29.25	70.6	5.11	7.8	SR13	9/19/2017 13:15	29.81	73.2	5.29	6.7	SR13	9/19/2017 19:15	29.92	70.7	5.11	5.9
SR13	9/19/2017 1:20	29.42	72.5	5.26	7.3	SR13	9/19/2017 7:20	29.31	72.3	5.24	7.1	SR13	9/19/2017 13:20	29.64	73.2	5.29	8.6	SR13	9/19/2017 19:20	29.90	71.0	5.14	8.1
SR13	9/19/2017 1:25	29.40	73.3	5.31	7.0	SR13	9/19/2017 7:25	29.35	71.1	5.16	6.2	SR13	9/19/2017 13:25	29.68	73.8	5.35	6.2	SR13	9/19/2017 19:25	29.89	70.0	5.06	8.1
SR13	9/19/2017 1:30	29.40	71.4	5.18	7.1	SR13	9/19/2017 7:30	29.37	72.4	5.25	6.9	SR13	9/19/2017 13:30	29.75	73.4	5.32	5.7	SR13	9/19/2017 19:30	29.88	70.4	5.09	7.5
SR13	9/19/2017 1:35	29.39	73.8	5.35	6.1	SR13	9/19/2017 7:35	29.37	71.0	5.15	5.5	SR13	9/19/2017 13:35	29.74	73.3	5.32	7.1	SR13	9/19/2017 19:35	29.87	71.2	5.15	7.4
SR13	9/19/2017 1:40	29.37	73.0	5.29	8.4	SR13	9/19/2017 7:40	29.39	71.5	5.18	6.1	SR13	9/19/2017 13:40	29.91	72.3	5.24	8.6	SR13	9/19/2017 19:40	29.90	71.6	5.18	6.8
SR13	9/19/2017 1:45	29.37	73.6	5.34	8.1	SR13	9/19/2017 7:45	29.38	71.6	5.19	6.0	SR13	9/19/2017 13:45	29.99	71.9	5.22	8.1	SR13	9/19/2017 19:45	29.92	71.2	5.16	5.8
SR13	9/19/2017 1:50	29.35	72.3	5.24	13.2	SR13	9/19/2017 7:50	29.41	71.8	5.21	6.4	SR13	9/19/2017 13:50	30.19	72.4	5.25	6.4	SR13	9/19/2017 19:50	29.95	71.2	5.16	7.0
SR13	9/19/2017 1:55	29.35	72.6	5.27	8.6	SR13	9/19/2017 7:55	29.39	72.3	5.24	7.1	SR13	9/19/2017 13:55	30.37	74.0	5.36	5.8	SR13	9/19/2017 19:55	29.97	71.3	5.17	6.2
SR13	9/19/2017 2:00	29.35	72.7	5.27	7.2	SR13	9/19/2017 8:00	29.40	71.5	5.18	6.8	SR13	9/19/2017 14:00	30.27	73.3	5.31	7.2	SR13	9/19/2017 20:00	30.01	71.6	5.19	7.0
SR13	9/19/2017 2:05	29.33	72.7	5.27	6.1	SR13	9/19/2017 8:05	29.41	72.2	5.23	6.4	SR13	9/19/2017 14:05	30.04	73.4	5.32	5.8	SR13	9/19/2017 20:05	30.01	71.7	5.20	6.2
SR13	9/19/2017 2:10	29.32	72.6	5.26	8.4	SR13	9/19/2017 8:10	29.37	72.5	5.26	6.6	SR13	9/19/2017 14:10	30.04	72.3	5.24	6.8	SR13	9/19/2017 20:10	30.02	72.1	5.23	8.0
SR13	9/19/2017 2:15	29.31	71.7	5.19	8.2	SR13	9/19/2017 8:15	29.39	71.8	5.21	5.9	SR13	9/19/2017 14:15	29.77	72.0	5.22	8.6	SR13	9/19/2017 20:15	30.00	72.0	5.22	6.3
SR13	9/19/2017 2:20	29.29	71.7	5.20	7.2	SR13	9/19/2017 8:20	29.39	72.0	5.22	6.1	SR13	9/19/2017 14:20	29.74	73.4	5.31	7.5	SR13	9/19/2017 20:20	30.01	71.4	5.18	8.3
SR13	9/19/2017 2:25	29.32	71.8	5.20	8.0	SR13	9/19/2017 8:25	29.38	71.9	5.21	6.8	SR13	9/19/2017 14:25	30.35	73.8	5.34	8.7	SR13	9/19/2017 20:25	30.00	72.4	5.25	5.6
SR13	9/19/2017 2:30	29.31	72.3	5.23	7.7	SR13	9/19/2017 8:30	29.37	72.4	5.25	6.5	SR13	9/19/2017 14:30	30.54	73.1	5.30	5.5	SR13	9/19/2017 20:30	29.98	71.5	5.18	6.9
SR13	9/19/2017 2:35	29.29	71.8	5.20	7.9	SR13	9/19/2017 8:35	29.36	72.5	5.26	7.5	SR13	9/19/2017 14:35	30.45	73.5	5.32	8.1	SR13	9/19/2017 20:35	29.97	71.3	5.17	7.5
SR13	9/19/2017 2:40	29.28	72.3	5.24	6.8	SR13	9/19/2017 8:40	29.36	72.9	5.28	6.8	SR13	9/19/2017 14:40	30.10	73.9	5.36	6.8	SR13	9/19/2017 20:40	29.97	71.0	5.15	5.3
SR13	9/19/2017 2:45	29.28	72.1	5.22	6.0	SR13	9/19/2017 8:45	29.38	72.8	5.28	6.8	SR13	9/19/2017 14:45	30.10	73.5	5.33	8.2	SR13	9/19/2017 20:45	29.96	71.0	5.15	6.6
SR13	9/19/2017 2:50	29.33	72.7	5.26	6.2	SR13	9/19/2017 8:50	29.40	72.4	5.25	7.2	SR13	9/19/2017 14:50	30.12	75.3	5.46	7.1	SR13	9/19/2017 20:50	29.96	71.2	5.16	6.5
SR13	9/19/2017 2:55	29.33	72.7	5.26	7.1	SR13	9/19/2017 8:55	29.37	71.8	5.21	6.3	SR13	9/19/2017 14:55	30.35	74.7	5.42	7.7	SR13	9/19/2017 20:55	29.96	71.7	5.20	7.2
SR13	9/19/2017 3:00	29.35	72.3	5.24	7.1	SR13	9/19/2017 9:00	29.38	73.1	5.30	7.2	SR13	9/19/2017 15:00	30.78	74.7	5.41	7.7	SR13	9/19/2017 21:00	29.98	71.2	5.16	7.0
SR13	9/19/2017 3:05	29.35	73.8	5.35	6.6	SR13	9/19/2017 9:05	29.39	72.2	5.24	7.2	SR13	9/19/2017 15:05	30.74	74.9	5.42	8.1	SR13	9/19/2017 21:05	29.99	71.2	5.17	7.5
SR13	9/19/2017 3:10	29.36	73.6	5.33	7.6	SR13	9/19/2017 9:10	29.38	71.7	5.20	6.3	SR13	9/19/2017 15:10	30.76	74.7	5.41	6.6	SR13	9/19/2017 21:10	30.00	70.4	5.11	6.8
SR13	9/19/2017 3:15	29.37	73.6	5.34	6.2	SR13	9/19/2017 9:15	29.37	72.3	5.24	7.6	SR13	9/19/2017 15:15	30.74	73.5	5.32	6.9	SR13	9/19/2017 21:15	29.99	70.7	5.13	5.7
SR13	9/19/2017 3:20	29.39	72.4	5.24	7.0	SR13	9/19/2017 9:20	29.38	72.9	5.29	8.3	SR13	9/19/2017 15:20	30.38	74.0	5.36	7.1	SR13	9/19/2017 21:20	29.97	71.0	5.15	7.8
SR13	9/19/2017 3:25	29.39	73.2	5.30	7.3	SR13	9/19/2017 9:25	29.36	73.1	5.30	7.0	SR13	9/19/2017 15:25	30.34	74.1	5.37	7.0	SR13	9/19/2017 21:25	29.95	70.9	5.14	6.6
SR13	9/19/2017 3:30	29.40	72.1	5.22	7.9	SR13	9/19/2017 9:30	29.39	73.4	5.33	7.3	SR13	9/19/2017 15:30	30.88	74.5	5.40	6.9	SR13	9/19/2017 21:30	29.94	70.9	5.14	7.6
SR13	9/19/2017 3:35	29.38	72.0	5.22	7.1	SR13	9/19/2017 9:35	29.39	73.5	5.33	7.6	SR13	9/19/2017 15:35	30.81	73.8	5.34	6.1	SR13	9/19/2017 21:35	29.92	70.1	5.09	6.6
SR13	9/19/2017 3:40	29.40	73.4	5.32	7.8	SR13	9/19/2017 9:40	29.42	72.6	5.27	6.0	SR13	9/19/2017 15:40	30.87	73.7	5.34	6.8	SR13	9/19/2017 21:40	29.91	70.2	5.09	7.8
SR13	9/19/2017 3:45	29.62	73.2	5.30	8.1	SR13	9/19/2017 9:45	29.45	73.5	5.34	7.7	SR13	9/19/2017 15:45	30.58	73.8	5.35	5.6	SR13	9/19/2017 21:45	29.90	70.5	5.11	5.9
SR13	9/19/2017 3:50	29.65	72.4	5.24	7.4	SR13	9/19/2017 9:50	29.42	73.7	5.34	8.8	SR13	9/19/2017 15:50	30.32	75.0	5.43	6.9	SR13	9/19/2017 21:50	29.89	70.0	5.08	7.6
SR13	9/19/2017 3:55	29.61	72.3	5.24	6.9	SR13	9/19/2017 9:55	29.41	72.8	5.28	6.2	SR13	9/19/2017 15:55	30.42	73.1	5.29	6.5	SR13	9/19/2017 21:55	29.89	70.0	5.08	7.1
SR13	9/19/2017 4:00	29.56	72.2	5.23	7.2	SR13	9/19/2017 10:00	29.42	72.9	5.29	6.9	SR13	9/19/2017 16:00	30.29	72.1	5.22	8.3	SR13	9/19/2017 22:00	29.88	70.2	5.09	5.9
SR13	9/19/2017 4:05	29.56	72.5	5.25	8.4	SR13	9/19/2017 10:05	29.40	74.1	5.37	7.3	SR13	9/19/2017 16:05	30.14	72.5	5.25	6.8	SR13	9/19/2017 22:05	29.86	69.4	5.03	5.9
SR13	9/19/2017 4:10	29.50	71.6	5.18	7.9	SR13	9/19/2017 10:10	29.39	74.4	5.39	8.6	SR13	9/19/2017 16:10	30.30	72.5	5.25	7.3	SR13	9/19/2017 22:10	29.85	70.1	5.08	7.0
SR13	9/19/2017 4:15	29.46	72.1	5.22	7.1	SR13	9/19/2017 10:15	29.36	74.1	5.37	5.2	SR13	9/19/2017 16:15	30.28	72.5	5.24	6.9	SR13	9/19/2017 22:15	29.85	70.7	5.13	6.4
SR13	9/19/2017 4:20	29.43	71.6	5.19	7.1	SR13	9/19/2017 10:20	29.34	73.7	5.34	6.7	SR13	9/19/2017 16:20	30.24	72.5	5.24	7.6	SR13	9/19/2017 22:20	29.85	69.4	5.04	5.6
SR13	9/19/2017 4:25	29.43	70.9	5.13	7.4	SR13	9/19/2017 10:25	29.36	74.2	5.38	7.0	SR13	9/19/2017 16:25	30.45	71.6	5.18	6.1	SR13	9/19/2017 22:25	29.84	70.0	5.08	5.8
SR13	9/19/2017 4:30	29.43	71.9	5.21	7.9	SR13	9/19/2017 10:30	29.29	74.3	5.38	6.7	SR13	9/19/2017 16:30	30.49	73.0	5.28	5.4	SR13	9/19/2017 22:30	29.84	69.8	5.07	5.7
SR13	9/19/2017 4:35	29.43	71.2	5.16	6.1	SR13	9/19/2017 10:35	29.25	75.0	5.43	6.5	SR13	9/19/2017 16:35	30.49	72.6	5.25	8.1	SR13	9/19/2017 22:35	29.83	70.3	5.10	6.3
SR13	9/19/2017 4:40	29.40	71.4	5.17	7.2	SR13	9/19/2017 10:40	29.27	74.2	5.38	6.8	SR13	9/19/2017 16:40	30.50	72.4	5.23	7.5	SR13	9/19/2017 22:40	29.81	69.7	5.06	7.2
SR13	9/19/2017 4:45	29.37	70.6	5.11	7.5	SR13	9/19/2017 10:45	29.33	74.8	5.42	7.2	SR13	9/19/2017 16:45	30.43	72.7	5.25	6.2	SR13	9/19/2017 22:45	29.80	70.9	5.15	6.5
SR13	9/19/2017 4:50	29.37	71.5	5.18	6.8	SR13	9/19/2017 10:50	29.38	73.9	5.36	7.5	SR13	9/19/2017 16:50	30.43	72.2	5.22	7.2	SR13	9/19/2017 22:50	29.77	69.3	5.03	7.2
SR13	9/19/2017 4:55	29.36	72.1	5.22	7.1	SR13	9/19/2017 10:55	29.36	74.2	5.38	8.2	SR13	9/19/2017 16:55	30.31	72.3	5.23	6.1	SR13	9/19/2017 22:55	29.76	70.5	5.12	6.3
SR13	9/19/2017 5:00	29.37	71.4	5.17	7.9	SR13	9/19/2017 11:00	29.36	74.7	5.41	5.6	SR13	9/19/2017 17:00	30.35	71.9	5.19	7.4	SR13	9/19/2017 23:00	29.75	70.8	5.14	6.7
SR13	9/19/2017 5:05	29.36	70.8	5.13	7.7	SR13	9/19/2017 11:05	29.54	74.3	5.38	6.3	SR13	9/19/2017 17:05	30.40	72.3	5.22	6.5	SR13	9/19/2017 23:05	29.73	70.0	5.08	6.3
SR13	9/19/2017 5:10	29.36	70.6	5.11	7.1	SR13	9/19/2017 11:10	29.60	74.7	5.41	6.7	SR13	9/19/2017 17:10	30.46	72.4	5.23	6.1	SR13	9/19/2017 23:10	29.72	69.7	5.06	6.8
SR13	9/19/2017 5:15	29.38	70.7	5.12	6.8	SR13	9/19/2017 11:15	29.55	73.0	5.29	7.1	SR13	9/19/2017 17:15	30.34	72.5	5.24	6.8	SR13	9/19/2017 23:15	29.71	69.8	5.06	6.5
SR13	9/19/2017 5:20	29.40	71.9	5.20	6.3	SR13	9/19/2017 11:20	29.43	73.6	5.33	7.4	SR13	9/19/2017 17:20	30.25	72.1	5.21	6.7	SR13	9/19/2017 23:20	29.69	68.9	5.00	5.7
SR13	9/19/2017 5:25	29.43	71.4	5.17	6.4	SR13	9/19/2017 11:25	29.51	73.2	5.29	5.4	SR13	9/19/2017 17:25	30.18	71.5	5.17	7.1	SR13	9/19/2017 23:25	29.66	69.7	5.06	5.4
SR13	9/19/2017 5:30	29.42	72.0	5.21	7.1	SR13	9/19/2017 11:30	29.54	72.0	5.22	5.9	SR13	9/19/2017 17:30	30.17	72.3	5.23	5.6	SR13	9/19/2017 23:30	29.64	69.3	5.03	7.9
SR13	9/19/2017 5:35	29.42	71.5	5.17	6.8	SR13	9/19/2017 11:35	29.52	72.1	5.22	5.6	SR13	9/19/2017 17:35	30.17	72.2	5.22	6.0	SR13	9/19/2017 23:35	29.61	70.2	5.10	6.8
SR13	9/19/2017 5:40	29.40	70.3	5.09	6.6	SR13	9/19/2017 11:40	29.55	74.0	5.35	8.3	SR13	9/19/2017 17:40	30.10	72.1	5.21	7.3	SR13	9/19/2017 23:40	29.58	70.0	5.08	5.7
SR13	9/19/2017 5:45	29.29	71.2	5.16	6.3	SR13	9/19/2017 11:45	29.57	73.1	5.29	7.3	SR13	9/19/2017 17:45	30.07	71.1	5.14	6.4	SR13	9/19/2017 23:45	29.53	70.0	5.08	7.1
SR13	9/19/2017 5:50	29.27	70.4	5.10	7.4	SR13	9/19/2017 11:50	29.54	72.9	5.28	6.8	SR13	9/19/2017 17:50	30.11	71.5	5.17	7.8	SR13	9/19/2017 23:50	29.51	69.6	5.05	5.8
SR13	9/19/2017 5:55	29.20	70.2	5.09	7.4	SR13	9/19/2017 11:55	29.70	71.7	5.19	9.3	SR13	9/19/2017 17:55	30.08	71.5	5.17	6.9	SR13	9/19/2017 23:55	29.73	70.2	5.10	5.8

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	9/19/2017 0:17	0.05				SR12	9/19/2017 0:17	0.11			
SR4	9/19/2017 0:37	0.03				SR12	9/19/2017 0:37	0.09			
SR4	9/19/2017 0:57	0.04				SR12	9/19/2017 0:57	0.12			
SR4	9/19/2017 1:17	0.04				SR12	9/19/2017 1:17	0.14			
SR4	9/19/2017 1:37	0.03				SR12	9/19/2017 1:37	0.11			
SR4	9/19/2017 1:57	0.03				SR12	9/19/2017 1:57	0.12			
SR4	9/19/2017 2:17	0.02				SR12	9/19/2017 2:17	0.13			
SR4	9/19/2017 2:37	0.04				SR12	9/19/2017 2:37	0.11			
SR4	9/19/2017 2:57	0.05				SR12	9/19/2017 2:57	0.13			
SR4	9/19/2017 3:17	0.05				SR12	9/19/2017 3:17	0.12			
SR4	9/19/2017 3:37	0.04				SR12	9/19/2017 3:37	0.14			
SR4	9/19/2017 3:57	0.05				SR12	9/19/2017 3:57	0.14			
SR4	9/19/2017 4:17	0.06				SR12	9/19/2017 4:17	0.11			
SR4	9/19/2017 4:37	0.04				SR12	9/19/2017 4:37	0.12			
SR4	9/19/2017 4:57	0.05				SR12	9/19/2017 4:57	0.10			
SR4	9/19/2017 5:17	0.05				SR12	9/19/2017 5:17	0.11			
SR4	9/19/2017 5:37	0.05				SR12	9/19/2017 5:37	0.11			
SR4	9/19/2017 5:57	0.03				SR12	9/19/2017 5:57	0.11			
SR4						SR12					
SR4	9/19/2017 6:37	0.04				SR12	9/19/2017 6:37	0.11			
SR4	9/19/2017 6:57	0.05				SR12	9/19/2017 6:57	0.13			
SR4	9/19/2017 7:17	0.03				SR12	9/19/2017 7:17	0.12			
SR4	9/19/2017 7:37	0.03				SR12	9/19/2017 7:37	0.11			
SR4	9/19/2017 7:57	0.02				SR12	9/19/2017 7:57	0.13			
SR4	9/19/2017 8:17	0.02				SR12	9/19/2017 8:17	0.14			
SR4	9/19/2017 8:37	0.04				SR12	9/19/2017 8:37	0.13			
SR4	9/19/2017 8:57	0.04				SR12	9/19/2017 8:57	0.13			
SR4	9/19/2017 9:17	0.05				SR12	9/19/2017 9:17	0.12			
SR4	9/19/2017 9:37	0.05				SR12	9/19/2017 9:37	0.12			
SR4	9/19/2017 9:57	0.05				SR12	9/19/2017 9:57	0.09			
SR4	9/19/2017 10:17	0.04				SR12	9/19/2017 10:17	0.09			
SR4	9/19/2017 10:37	0.04				SR12	9/19/2017 10:37	0.07			
SR4	9/19/2017 10:57	0.03				SR12	9/19/2017 10:57	0.06			
SR4	9/19/2017 11:17	0.04				SR12	9/19/2017 11:17	0.05			
SR4	9/19/2017 11:37	0.03				SR12	9/19/2017 11:37	0.06			
SR4	9/19/2017 11:57	0.04				SR12	9/19/2017 11:57	0.07			
SR4	9/19/2017 12:17	0.03				SR12	9/19/2017 12:17	0.07			
SR4	9/19/2017 12:37	0.04				SR12	9/19/2017 12:37	0.06			
SR4	9/19/2017 12:57	0.04				SR12	9/19/2017 12:57	0.07			
SR4	9/19/2017 13:17	0.05				SR12	9/19/2017 13:17	0.08			
SR4	9/19/2017 13:37	0.03				SR12	9/19/2017 13:37	0.07			
SR4	9/19/2017 13:57	0.02				SR12	9/19/2017 13:57	0.08			
SR4	9/19/2017 14:17	0.03				SR12	9/19/2017 14:17	0.07			
SR4	9/19/2017 14:37	0.02				SR12	9/19/2017 14:37	0.07			
SR4	9/19/2017 14:57	0.02				SR12	9/19/2017 14:57	0.04			
SR4	9/19/2017 15:17	0.03				SR12	9/19/2017 15:17	0.03			
SR4	9/19/2017 15:37	0.03				SR12	9/19/2017 15:37	0.03			
SR4	9/19/2017 15:57	0.02				SR12	9/19/2017 15:57	0.03			
SR4	9/19/2017 16:17	0.02				SR12	9/19/2017 16:17	0.03			
SR4	9/19/2017 16:37	0.03				SR12	9/19/2017 16:37	0.02			
SR4	9/19/2017 16:57	0.05				SR12	9/19/2017 16:57	0.02			
SR4	9/19/2017 17:17	0.05				SR12	9/19/2017 17:17	0.02			
SR4	9/19/2017 17:37	0.04				SR12	9/19/2017 17:37	0.02			
SR4	9/19/2017 17:57	0.03				SR12	9/19/2017 17:57	0.02			
SR4	9/19/2017 18:17	0.03				SR12	9/19/2017 18:17	0.02			
SR4	9/19/2017 18:37	0.03				SR12	9/19/2017 18:37	0.02			
SR4	9/19/2017 18:57	0.04				SR12	9/19/2017 18:57	0.02			
SR4	9/19/2017 19:17	0.04				SR12	9/19/2017 19:17	0.02			
SR4	9/19/2017 19:37	0.03				SR12	9/19/2017 19:37	0.03			
SR4	9/19/2017 19:57	0.04				SR12	9/19/2017 19:57	0.02			
SR4	9/19/2017 20:17	0.04				SR12	9/19/2017 20:17	0.02			
SR4	9/19/2017 20:37	0.03				SR12	9/19/2017 20:37	0.02			
SR4	9/19/2017 20:57	0.04				SR12	9/19/2017 20:57	0.02			
SR4	9/19/2017 21:17	0.04				SR12	9/19/2017 21:17	0.03			
SR4	9/19/2017 21:37	0.03				SR12	9/19/2017 21:37	0.06			
SR4	9/19/2017 21:57	0.02				SR12	9/19/2017 21:57	0.07			
SR4	9/19/2017 22:17	0.03				SR12	9/19/2017 22:17	0.08			
SR4	9/19/2017 22:37	0.05				SR12	9/19/2017 22:37	0.09			
SR4	9/19/2017 22:57	0.04				SR12	9/19/2017 22:57	0.08			
SR4	9/19/2017 23:17	0.03				SR12	9/19/2017 23:17	0.08			
SR4	9/19/2017 23:37	0.04				SR12	9/19/2017 23:37	0.07			
SR4	9/19/2017 23:57	0.04				SR12	9/19/2017 23:57	0.06			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.
SR5 monitoring station was under maintenance during 14:25-14:45.

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR4	9/20/2017 0:01	29.53	77.1	5.83	5.6	SR4	9/20/2017 6:01	29.71	70.6	5.34	5.3	SR4	9/20/2017 12:01	30.00	78.9	5.95	5.2	SR4	9/20/2017 18:01	30.08	73.1	5.45	4.5
SR4	9/20/2017 0:06	29.58	76.8	5.81	6.1	SR4	9/20/2017 6:06	29.62	70.6	5.34	6.0	SR4	9/20/2017 12:06	29.82	79.1	5.96	4.7	SR4	9/20/2017 18:06	30.17	73.3	5.46	4.8
SR4	9/20/2017 0:11	29.50	75.7	5.73	6.1	SR4	9/20/2017 6:11	29.60	71.3	5.39	6.1	SR4	9/20/2017 12:11	29.79	79.1	5.96	4.5	SR4	9/20/2017 18:11	30.11	72.4	5.40	4.2
SR4	9/20/2017 0:16	29.59	74.2	5.62	5.0	SR4	9/20/2017 6:16	29.79	70.5	5.33	5.8	SR4	9/20/2017 12:16	29.78	80.2	6.03	4.5	SR4	9/20/2017 18:16	30.00	73.5	5.49	4.3
SR4	9/20/2017 0:21	29.54	74.5	5.64	6.4	SR4	9/20/2017 6:21	29.60	70.1	5.30	6.5	SR4	9/20/2017 12:21	29.92	77.8	5.86	5.0	SR4	9/20/2017 18:21	29.96	74.3	5.54	4.5
SR4	9/20/2017 0:26	29.54	74.8	5.66	6.1	SR4	9/20/2017 6:26	29.64	70.9	5.36	5.5	SR4	9/20/2017 12:26	30.03	79.4	5.98	4.9	SR4	9/20/2017 18:26	29.99	74.0	5.52	4.3
SR4	9/20/2017 0:31	29.58	74.2	5.62	6.3	SR4	9/20/2017 6:31	29.69	72.1	5.45	5.3	SR4	9/20/2017 12:31	29.97	81.7	6.15	4.0	SR4	9/20/2017 18:31	30.07	73.6	5.49	4.6
SR4	9/20/2017 0:36	29.68	74.0	5.60	5.5	SR4	9/20/2017 6:36	29.58	70.8	5.35	5.5	SR4	9/20/2017 12:36	30.10	81.5	6.13	5.0	SR4	9/20/2017 18:36	30.12	72.9	5.44	4.2
SR4	9/20/2017 0:41	29.73	74.0	5.60	5.2	SR4	9/20/2017 6:41	29.66	70.8	5.36	5.1	SR4	9/20/2017 12:41	29.90	84.5	6.32	4.6	SR4	9/20/2017 18:41	29.95	73.2	5.46	4.6
SR4	9/20/2017 0:46	29.74	74.0	5.60	6.2	SR4	9/20/2017 6:46	29.63	70.8	5.36	5.3	SR4	9/20/2017 12:46	30.12	84.5	6.32	4.1	SR4	9/20/2017 18:46	30.08	73.3	5.47	4.3
SR4	9/20/2017 0:51	29.72	75.5	5.71	5.0	SR4	9/20/2017 6:51	29.71	71.7	5.43	5.4	SR4	9/20/2017 12:51	30.05	85.8	6.43	4.9	SR4	9/20/2017 18:51	29.97	73.3	5.47	4.9
SR4	9/20/2017 0:56	29.61	74.1	5.60	5.0	SR4	9/20/2017 6:56	29.67	71.4	5.40	6.2	SR4	9/20/2017 12:56	30.03	84.0	6.30	4.9	SR4	9/20/2017 18:56	30.13	73.4	5.48	4.6
SR4	9/20/2017 1:01	29.70	72.9	5.51	5.3	SR4	9/20/2017 7:01	29.58	71.6	5.42	5.8	SR4	9/20/2017 13:01	29.94	82.5	6.20	4.9	SR4	9/20/2017 19:01	29.99	73.4	5.48	5.0
SR4	9/20/2017 1:06	29.59	72.6	5.49	6.3	SR4	9/20/2017 7:06	29.57	71.5	5.41	6.4	SR4	9/20/2017 13:06	29.97	82.6	6.20	4.2	SR4	9/20/2017 19:06	29.92	74.1	5.53	4.5
SR4	9/20/2017 1:11	29.72	72.8	5.50	5.4	SR4	9/20/2017 7:11	29.58	71.8	5.43	6.5	SR4	9/20/2017 13:11	30.01	79.3	5.96	5.0	SR4	9/20/2017 19:11	29.97	73.1	5.46	4.0
SR4	9/20/2017 1:16	29.65	78.6	5.95	6.0	SR4	9/20/2017 7:16	29.58	70.2	5.31	5.1	SR4	9/20/2017 13:16	29.97	77.1	5.80	4.8	SR4	9/20/2017 19:16	30.05	72.4	5.41	4.8
SR4	9/20/2017 1:21	29.67	80.9	6.13	6.1	SR4	9/20/2017 7:21	29.67	71.3	5.39	4.3	SR4	9/20/2017 13:21	29.94	76.1	5.73	4.4	SR4	9/20/2017 19:21	29.91	72.9	5.45	4.0
SR4	9/20/2017 1:26	29.82	77.2	5.85	5.2	SR4	9/20/2017 7:26	29.48	72.6	5.49	4.3	SR4	9/20/2017 13:26	30.00	78.3	5.89	4.1	SR4	9/20/2017 19:26	30.08	73.1	5.46	4.0
SR4	9/20/2017 1:31	29.82	76.8	5.81	6.4	SR4	9/20/2017 7:31	29.57	72.7	5.50	5.1	SR4	9/20/2017 13:31	29.99	75.5	5.68	4.2	SR4	9/20/2017 19:31	30.04	73.2	5.47	4.3
SR4	9/20/2017 1:36	29.87	77.2	5.84	6.2	SR4	9/20/2017 7:36	29.58	71.9	5.44	4.4	SR4	9/20/2017 13:36	29.97	76.6	5.76	4.4	SR4	9/20/2017 19:36	30.08	73.7	5.51	4.2
SR4	9/20/2017 1:41	29.72	77.5	5.87	5.7	SR4	9/20/2017 7:41	29.49	72.0	5.45	5.5	SR4	9/20/2017 13:41	30.03	75.0	5.65	4.9	SR4	9/20/2017 19:41	30.07	74.9	5.60	4.1
SR4	9/20/2017 1:46	29.66	78.1	5.91	5.8	SR4	9/20/2017 7:46	29.47	72.7	5.51	5.0	SR4	9/20/2017 13:46	30.06	76.1	5.72	4.4	SR4	9/20/2017 19:46	30.04	75.2	5.62	5.0
SR4	9/20/2017 1:51	29.65	78.1	5.91	6.0	SR4	9/20/2017 7:51	29.47	71.4	5.41	5.2	SR4	9/20/2017 13:51	30.07	77.1	5.80	4.2	SR4	9/20/2017 19:51	29.96	74.5	5.57	4.3
SR4	9/20/2017 1:56	29.73	77.0	5.83	5.0	SR4	9/20/2017 7:56	29.55	72.1	5.46	4.2	SR4	9/20/2017 13:56	29.94	76.0	5.71	4.8	SR4	9/20/2017 19:56	29.99	75.4	5.64	4.7
SR4	9/20/2017 2:01	29.69	75.8	5.74	6.3	SR4	9/20/2017 8:01	29.59	71.7	5.43	4.5	SR4	9/20/2017 14:01	30.14	75.6	5.69	4.3	SR4	9/20/2017 20:01	29.92	76.1	5.69	4.5
SR4	9/20/2017 2:06	29.65	75.3	5.70	6.5	SR4	9/20/2017 8:06	29.75	71.7	5.43	4.2	SR4	9/20/2017 14:06	30.12	75.5	5.68	4.9	SR4	9/20/2017 20:06	29.95	75.4	5.65	4.5
SR4	9/20/2017 2:11	29.76	75.0	5.68	5.0	SR4	9/20/2017 8:11	29.76	71.5	5.42	4.4	SR4	9/20/2017 14:11	30.24	75.8	5.70	4.3	SR4	9/20/2017 20:11	29.96	75.1	5.62	4.8
SR4	9/20/2017 2:16	29.75	75.7	5.73	5.3	SR4	9/20/2017 8:16	29.72	71.2	5.40	4.3	SR4	9/20/2017 14:16	30.13	78.1	5.87	4.2	SR4	9/20/2017 20:16	29.99	75.2	5.64	4.5
SR4	9/20/2017 2:21	29.57	74.9	5.67	5.2	SR4	9/20/2017 8:21	29.78	70.3	5.33	4.0	SR4	9/20/2017 14:21	29.99	77.6	5.83	4.3	SR4	9/20/2017 20:21	29.99	76.2	5.71	4.7
SR4	9/20/2017 2:26	29.57	75.4	5.71	5.9	SR4	9/20/2017 8:26	29.65	70.1	5.32	4.1	SR4	9/20/2017 14:26	30.05	79.7	5.97	4.7	SR4	9/20/2017 20:26	30.07	75.4	5.65	4.6
SR4	9/20/2017 2:31	29.79	75.4	5.71	5.6	SR4	9/20/2017 8:31	29.59	71.4	5.42	4.5	SR4	9/20/2017 14:31	29.96	81.6	6.10	4.1	SR4	9/20/2017 20:31	29.98	76.4	5.74	4.9
SR4	9/20/2017 2:36	29.63	75.8	5.74	5.6	SR4	9/20/2017 8:36	29.76	72.2	5.48	5.3	SR4	9/20/2017 14:36	30.08	80.5	6.03	4.0	SR4	9/20/2017 20:36	29.87	76.2	5.72	4.3
SR4	9/20/2017 2:41	29.80	75.6	5.72	5.4	SR4	9/20/2017 8:41	29.66	72.7	5.51	4.9	SR4	9/20/2017 14:41	30.08	78.7	5.90	4.0	SR4	9/20/2017 20:41	30.04	75.8	5.69	4.1
SR4	9/20/2017 2:46	29.76	73.4	5.56	6.3	SR4	9/20/2017 8:46	29.66	73.0	5.54	4.5	SR4	9/20/2017 14:46	30.03	78.3	5.88	4.9	SR4	9/20/2017 20:46	29.90	75.5	5.67	4.4
SR4	9/20/2017 2:51	29.83	71.7	5.43	5.8	SR4	9/20/2017 8:51	29.61	75.4	5.72	4.2	SR4	9/20/2017 14:51	30.09	78.5	5.88	4.2	SR4	9/20/2017 20:51	30.05	75.4	5.67	4.7
SR4	9/20/2017 2:56	29.75	71.9	5.45	6.1	SR4	9/20/2017 8:56	29.68	74.6	5.66	5.3	SR4	9/20/2017 14:56	30.04	81.8	6.12	4.0	SR4	9/20/2017 20:56	29.97	76.1	5.72	4.8
SR4	9/20/2017 3:01	29.76	71.6	5.42	6.2	SR4	9/20/2017 9:01	29.69	73.7	5.60	5.2	SR4	9/20/2017 15:01	30.14	81.8	6.12	4.7	SR4	9/20/2017 21:01	30.00	76.8	5.77	4.2
SR4	9/20/2017 3:06	29.79	72.1	5.47	5.5	SR4	9/20/2017 9:06	29.74	76.9	5.85	4.0	SR4	9/20/2017 15:06	30.13	81.4	6.10	4.2	SR4	9/20/2017 21:06	29.84	76.6	5.75	4.6
SR4	9/20/2017 3:11	29.65	72.3	5.48	5.0	SR4	9/20/2017 9:11	29.72	77.7	5.92	5.2	SR4	9/20/2017 15:11	30.19	81.1	6.08	4.0	SR4	9/20/2017 21:11	29.92	76.4	5.74	4.9
SR4	9/20/2017 3:16	29.79	72.5	5.49	6.5	SR4	9/20/2017 9:16	29.76	78.3	5.97	5.3	SR4	9/20/2017 15:16	30.10	80.2	6.00	4.6	SR4	9/20/2017 21:16	29.89	76.6	5.76	4.5
SR4	9/20/2017 3:21	29.73	73.1	5.53	5.4	SR4	9/20/2017 9:21	29.72	76.5	5.83	4.7	SR4	9/20/2017 15:21	30.10	82.7	6.17	4.7	SR4	9/20/2017 21:21	29.87	76.5	5.75	4.3
SR4	9/20/2017 3:26	29.82	72.2	5.46	5.8	SR4	9/20/2017 9:26	29.65	76.2	5.80	4.7	SR4	9/20/2017 15:26	30.11	82.3	6.14	4.4	SR4	9/20/2017 21:26	30.00	75.3	5.66	4.0
SR4	9/20/2017 3:31	29.72	70.8	5.36	5.2	SR4	9/20/2017 9:31	29.87	75.0	5.70	5.5	SR4	9/20/2017 15:31	30.12	80.4	6.00	4.9	SR4	9/20/2017 21:31	29.82	75.5	5.69	4.1
SR4	9/20/2017 3:36	29.74	71.8	5.43	5.9	SR4	9/20/2017 9:36	29.83	75.0	5.70	5.0	SR4	9/20/2017 15:36	30.21	83.7	6.25	4.1	SR4	9/20/2017 21:36	29.89	74.9	5.64	4.4
SR4	9/20/2017 3:41	29.78	71.6	5.41	5.0	SR4	9/20/2017 9:41	29.79	74.5	5.66	4.4	SR4	9/20/2017 15:41	30.26	80.8	6.02	4.4	SR4	9/20/2017 21:41	29.93	73.8	5.56	4.3
SR4	9/20/2017 3:46	29.72	72.0	5.44	5.5	SR4	9/20/2017 9:46	29.70	75.7	5.74	5.4	SR4	9/20/2017 15:46	30.18	77.2	5.76	4.0	SR4	9/20/2017 21:46	29.92	73.3	5.53	4.7
SR4	9/20/2017 3:51	29.71	72.2	5.46	6.0	SR4	9/20/2017 9:51	29.74	74.8	5.67	4.3	SR4	9/20/2017 15:51	30.35	80.9	6.04	4.8	SR4	9/20/2017 21:51	29.79	73.9	5.57	4.2
SR4	9/20/2017 3:56	29.77	73.4	5.56	5.9	SR4	9/20/2017 9:56	29.69	74.1	5.62	4.6	SR4	9/20/2017 15:56	30.36	82.5	6.15	4.0	SR4	9/20/2017 21:56	29.81	72.9	5.50	4.5
SR4	9/20/2017 4:01	29.76	75.8	5.73	5.2	SR4	9/20/2017 10:01	29.88	74.4	5.64	5.0	SR4	9/20/2017 16:01	30.34	78.5	5.84	4.9	SR4	9/20/2017 22:01	29.88	73.3	5.53	5.7
SR4	9/20/2017 4:06	29.78	75.4	5.69	5.6	SR4	9/20/2017 10:06	29.79	74.6	5.66	4.5	SR4	9/20/2017 16:06	30.43	80.9	6.03	4.6	SR4	9/20/2017 22:06	29.79	73.0	5.51	5.8
SR4	9/20/2017 4:11	29.63	74.5	5.62	5.8	SR4	9/20/2017 10:11	29.73	74.2	5.62	4.8	SR4	9/20/2017 16:11	30.29	82.1	6.13	4.0	SR4	9/20/2017 22:11	29.74	74.2	5.60	7.4
SR4	9/20/2017 4:16	29.59	74.8	5.64	5.3	SR4	9/20/2017 10:16	29.79	73.9	5.60	4.2	SR4	9/20/2017 16:16	30.32	80.6	6.02	5.0	SR4	9/20/2017 22:16	29.74	73.9	5.58	**10.8**
SR4	9/20/2017 4:21	29.66	74.9	5.65	6.5	SR4	9/20/2017 10:21	29.87	74.9	5.67	4.6	SR4	9/20/2017 16:21	30.24	86.8	6.50	5.0	SR4	9/20/2017 22:21	29.81	73.2	5.53	6.4
SR4	9/20/2017 4:26	29.65	74.3	5.61	6.5	SR4	9/20/2017 10:26	29.91	75.2	5.69	5.2	SR4	9/20/2017 16:26	30.23	83.3	6.22	4.1	SR4	9/20/2017 22:26	29.73	73.1	5.52	5.6
SR4	9/20/2017 4:31	29.72	74.0	5.58	6.1	SR4	9/20/2017 10:31	29.95	74.1	5.61	4.0	SR4	9/20/2017 16:31	30.13	85.4	6.38	4.1	SR4	9/20/2017 22:31	29.70	73.1	5.52	8.3
SR4	9/20/2017 4:36	29.70	72.6	5.48	6.1	SR4	9/20/2017 10:36	29.88	73.6	5.57	4.2	SR4	9/20/2017 16:36	30.08	83.2	6.22	4.2	SR4	9/20/2017 22:36	29.80	72.7	5.49	8.0
SR4	9/20/2017 4:41	29.67	72.7	5.49	5.7	SR4	9/20/2017 10:41	29.82	74.9	5.66	4.5	SR4	9/20/2017 16:41	30.23	81.9	6.12	4.8	SR4	9/20/2017 22:41	29.72	74.1	5.60	**10.4**
SR4	9/20/2017 4:46	29.63	72.9	5.51	5.5	SR4	9/20/2017 10:46	29.99	74.8	5.66	4.3	SR4	9/20/2017 16:46	30.12	83.3	6.21	4.8	SR4	9/20/2017 22:46	29.78	74.5	5.63	4.6
SR4	9/20/2017 4:51	29.73	72.4	5.47	5.4	SR4	9/20/2017 10:51	29.94	73.5	5.57	5.1	SR4	9/20/2017 16:51	30.20	79.4	5.91	4.6	SR4	9/20/2017 22:51	29.79	74.8	5.65	**11.0**
SR4	9/20/2017 4:56	29.70	71.5	5.40	5.0	SR4	9/20/2017 10:56	29.88	74.9	5.66	4.6	SR4	9/20/2017 16:56	30.13	78.6	5.85	4.4	SR4	9/20/2017 22:56	29.74	75.8	5.72	6.5
SR4	9/20/2017 5:01	29.78	70.8	5.35	5.2	SR4	9/20/2017 11:01	29.96	74.3	5.63	5.3	SR4	9/20/2017 17:01	30.19	77.1	5.74	4.5	SR4	9/20/2017 23:01	29.76	75.5	5.71	8.4
SR4	9/20/2017 5:06	29.63	70.2	5.30	5.0	SR4	9/20/2017 11:06	29.87	75.5	5.71	5.0	SR4	9/20/2017 17:06	30.17	77.5	5.77	5.0	SR4	9/20/2017 23:06	29.73	76.0	5.74	9.8
SR4	9/20/2017 5:11	29.68	72.5	5.48	5.6	SR4	9/20/2017 11:11	29.83	76.2	5.76	5.0	SR4	9/20/2017 17:11	30.14	76.1	5.67	5.0	SR4	9/20/2017 23:11	29.70	75.9	5.73	9.4
SR4	9/20/2017 5:16	29.68	71.8	5.43	5.4	SR4	9/20/2017 11:16	29.95	76.5	5.78	4.5	SR4	9/20/2017 17:16	30.23	75.4	5.62	4.5	SR4	9/20/2017 23:16	29.64	75.5	5.70	6.4
SR4	9/20/2017 5:21	29.63	70.4	5.32	5.8	SR4	9/20/2017 11:21	29.82	76.4	5.78	4.4	SR4	9/20/2017 17:21	30.11	75.1	5.60	4.2	SR4	9/20/2017 23:21	29.74	76.3	5.77	6.4
SR4	9/20/2017 5:26	29.66	70.4	5.32	5.5	SR4	9/20/2017 11:26	29.84	78.5	5.93	4.1	SR4	9/20/2017 17:26	30.03	77.5	5.78	4.7	SR4	9/20/2017 23:26	29.74	76.0	5.74	5.2
SR4	9/20/2017 5:31	29.69	69.6	5.26	5.0	SR4	9/20/2017 11:31	29.98	79.0	5.96	4.4	SR4	9/20/2017 17:31	30.13	75.3	5.62	4.2	SR4	9/20/2017 23:31	29.74	76.3	5.76	5.6
SR4	9/20/2017 5:36	29.53	70.0	5.29	5.9	SR4	9/20/2017 11:36	29.86	80.2	6.05	5.1	SR4	9/20/2017 17:36	30.10	75.8	5.65	4.7	SR4	9/20/2017 23:36	29.72	76.1	5.75	**11.0**
SR4	9/20/2017 5:41	29.48	69.7	5.27	5.1	SR4	9/20/2017 11:41	29.84	80.8	6.10	4.4	SR4	9/20/2017 17:41	30.21	75.5	5.63	4.0	SR4	9/20/2017 23:41	29.76	76.9	5.81	8.6
SR4	9/20/2017 5:46	29.49	70.9	5.36	5.0	SR4	9/20/2017 11:46	29.80	80.0	6.04	5.2	SR4	9/20/2017 17:46	30.16	74.6	5.57	4.0	SR4	9/20/2017 23:46	29.75	76.8	5.80	7.5
SR4	9/20/2017 5:51	29.49	71.0	5.37	5.8	SR4	9/20/2017 11:51	29.94	78.4	5.92	4.8	SR4	9/20/2017 17:51	30.13	74.9	5.58	4.7	SR4	9/20/2017 23:51	29.77	76.2	5.76	**10.1**
SR4	9/20/2017 5:56	29.59	71.3	5.39	6.1	SR4	9/20/2017 11:56	29.99	79.2	5.97	4.2	SR4	9/20/2017 17:56	30.27	74.2	5.53	4.9	SR4	9/20/2017 23:56	29.67	76.3	5.77	9.9

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR5	9/20/2017 0:00	29.52	76.4	5.62	3.0	SR5	9/20/2017 6:00	29.49	71.8	5.28	2.8	SR5	9/20/2017 12:00	29.85	76.4	5.62	2.9	SR5	9/20/2017 18:00	29.92	74.6	5.44	3.8
SR5	9/20/2017 0:05	29.54	76.2	5.61	3.1	SR5	9/20/2017 6:05	29.53	72.1	5.30	3.1	SR5	9/20/2017 12:05	29.84	75.9	5.58	3.0	SR5	9/20/2017 18:05	29.87	74.7	5.45	3.5
SR5	9/20/2017 0:10	29.53	75.5	5.56	3.2	SR5	9/20/2017 6:10	29.56	73.7	5.41	3.0	SR5	9/20/2017 12:10	29.81	77.3	5.68	3.0	SR5	9/20/2017 18:10	29.85	73.0	5.33	5.2
SR5	9/20/2017 0:15	29.53	74.6	5.49	2.9	SR5	9/20/2017 6:15	29.57	72.0	5.29	3.0	SR5	9/20/2017 12:15	29.77	78.0	5.72	3.1	SR5	9/20/2017 18:15	29.81	74.6	5.45	4.8
SR5	9/20/2017 0:20	29.54	74.7	5.50	3.2	SR5	9/20/2017 6:20	29.57	71.8	5.27	3.2	SR5	9/20/2017 12:20	29.75	75.3	5.53	3.2	SR5	9/20/2017 18:20	29.86	75.1	5.48	4.0
SR5	9/20/2017 0:25	29.49	75.2	5.53	3.1	SR5	9/20/2017 6:25	29.57	72.5	5.33	2.8	SR5	9/20/2017 12:25	29.68	76.5	5.62	3.0	SR5	9/20/2017 18:25	29.89	74.9	5.47	5.1
SR5	9/20/2017 0:30	29.52	73.9	5.44	3.1	SR5	9/20/2017 6:30	29.56	73.5	5.40	3.0	SR5	9/20/2017 12:30	29.65	78.6	5.77	2.9	SR5	9/20/2017 18:30	29.93	73.4	5.36	4.4
SR5	9/20/2017 0:35	29.56	73.6	5.42	3.1	SR5	9/20/2017 6:35	29.56	73.1	5.37	2.8	SR5	9/20/2017 12:35	29.72	78.9	5.79	3.0	SR5	9/20/2017 18:35	29.92	72.9	5.33	3.5
SR5	9/20/2017 0:40	29.57	75.1	5.52	2.9	SR5	9/20/2017 6:40	29.55	72.5	5.33	3.0	SR5	9/20/2017 12:40	29.72	79.0	5.79	3.3	SR5	9/20/2017 18:40	29.89	73.7	5.38	4.4
SR5	9/20/2017 0:45	29.62	74.5	5.48	3.1	SR5	9/20/2017 6:45	29.54	73.2	5.38	3.1	SR5	9/20/2017 12:45	29.77	79.7	5.84	2.9	SR5	9/20/2017 18:45	29.91	73.1	5.34	3.3
SR5	9/20/2017 0:50	29.61	75.7	5.57	3.0	SR5	9/20/2017 6:50	29.53	72.5	5.33	3.0	SR5	9/20/2017 12:50	29.74	80.8	5.92	2.9	SR5	9/20/2017 18:50	29.92	74.8	5.46	4.2
SR5	9/20/2017 0:55	29.61	75.2	5.53	2.9	SR5	9/20/2017 6:55	29.55	73.3	5.39	3.1	SR5	9/20/2017 12:55	29.73	78.8	5.78	2.9	SR5	9/20/2017 18:55	29.92	74.3	5.43	3.3
SR5	9/20/2017 1:00	29.60	73.7	5.42	3.0	SR5	9/20/2017 7:00	29.54	72.6	5.34	3.3	SR5	9/20/2017 13:00	29.76	78.9	5.79	3.2	SR5	9/20/2017 19:00	29.91	74.5	5.44	4.0
SR5	9/20/2017 1:05	29.59	72.9	5.36	3.1	SR5	9/20/2017 7:05	29.55	72.6	5.34	3.0	SR5	9/20/2017 13:05	29.75	78.0	5.72	2.7	SR5	9/20/2017 19:05	29.92	74.7	5.45	4.1
SR5	9/20/2017 1:10	29.58	73.3	5.39	3.0	SR5	9/20/2017 7:10	29.55	73.0	5.36	3.6	SR5	9/20/2017 13:10	29.79	77.8	5.71	3.2	SR5	9/20/2017 19:10	29.93	73.9	5.40	4.2
SR5	9/20/2017 1:15	29.64	76.7	5.65	3.2	SR5	9/20/2017 7:15	29.56	73.3	5.38	2.9	SR5	9/20/2017 13:15	29.92	75.7	5.55	3.3	SR5	9/20/2017 19:15	29.92	73.3	5.35	3.6
SR5	9/20/2017 1:20	29.71	78.0	5.75	3.1	SR5	9/20/2017 7:20	29.57	71.9	5.29	3.1	SR5	9/20/2017 13:20	29.88	74.7	5.48	3.0	SR5	9/20/2017 19:20	29.89	73.9	5.40	4.6
SR5	9/20/2017 1:25	29.77	75.0	5.53	2.9	SR5	9/20/2017 7:25	29.54	74.4	5.47	2.7	SR5	9/20/2017 13:25	29.88	75.5	5.54	3.1	SR5	9/20/2017 19:25	29.90	73.0	5.34	4.6
SR5	9/20/2017 1:30	29.83	74.7	5.50	3.3	SR5	9/20/2017 7:30	29.60	73.8	5.43	3.2	SR5	9/20/2017 13:30	29.91	74.8	5.49	2.7	SR5	9/20/2017 19:30	29.93	73.6	5.38	3.5
SR5	9/20/2017 1:35	29.84	76.4	5.62	3.1	SR5	9/20/2017 7:35	29.62	73.2	5.38	3.2	SR5	9/20/2017 13:35	29.96	75.7	5.55	2.8	SR5	9/20/2017 19:35	29.93	74.2	5.42	4.9
SR5	9/20/2017 1:40	29.76	76.4	5.62	3.1	SR5	9/20/2017 7:40	29.61	73.6	5.41	3.0	SR5	9/20/2017 13:40	30.04	74.1	5.44	3.1	SR5	9/20/2017 19:40	29.93	75.0	5.48	3.5
SR5	9/20/2017 1:45	29.71	76.5	5.63	3.1	SR5	9/20/2017 7:45	29.63	73.0	5.37	3.0	SR5	9/20/2017 13:45	29.96	75.1	5.51	2.8	SR5	9/20/2017 19:45	29.93	73.9	5.40	3.6
SR5	9/20/2017 1:50	29.68	76.5	5.63	3.0	SR5	9/20/2017 7:50	29.59	73.2	5.38	3.4	SR5	9/20/2017 13:50	29.98	75.3	5.52	3.0	SR5	9/20/2017 19:50	29.92	73.7	5.39	5.1
SR5	9/20/2017 1:55	29.68	76.1	5.60	2.9	SR5	9/20/2017 7:55	29.60	73.0	5.37	3.0	SR5	9/20/2017 13:55	29.95	74.6	5.47	3.0	SR5	9/20/2017 19:55	29.91	75.2	5.50	5.0
SR5	9/20/2017 2:00	29.66	74.5	5.49	3.1	SR5	9/20/2017 8:00	29.58	72.3	5.32	2.8	SR5	9/20/2017 14:00	30.26	74.4	5.46	2.9	SR5	9/20/2017 20:00	29.89	75.4	5.51	5.1
SR5	9/20/2017 2:05	29.64	75.8	5.57	3.2	SR5	9/20/2017 8:05	29.58	73.3	5.39	3.1	SR5	9/20/2017 14:05	30.33	75.5	5.54	2.8	SR5	9/20/2017 20:05	29.87	75.2	5.50	5.0
SR5	9/20/2017 2:10	29.63	74.3	5.47	3.0	SR5	9/20/2017 8:10	29.57	72.7	5.35	2.9	SR5	9/20/2017 14:10	30.31	75.7	5.55	2.9	SR5	9/20/2017 20:10	29.86	73.8	5.40	4.9
SR5	9/20/2017 2:15	29.62	75.6	5.56	3.0	SR5	9/20/2017 8:15	29.51	73.3	5.39	2.8	SR5	9/20/2017 14:15	30.24	76.9	5.64	2.8	SR5	9/20/2017 20:15	29.84	74.4	5.45	3.9
SR5	9/20/2017 2:20	29.63	75.0	5.52	3.0	SR5	9/20/2017 8:20	29.59	72.8	5.36	3.2	SR5	9/20/2017 14:20	30.17	75.3	5.52	2.9	SR5	9/20/2017 20:20	29.84	75.5	5.53	3.4
SR5	9/20/2017 2:25	29.63	75.2	5.53	3.2	SR5	9/20/2017 8:25	29.57	71.8	5.29	2.7	SR5	9/20/2017 14:25	30.05	76.7	5.62	3.3	SR5	9/20/2017 20:25	29.83	75.7	5.54	3.8
SR5	9/20/2017 2:30	29.62	74.2	5.46	3.0	SR5	9/20/2017 8:30	29.57	72.8	5.36	3.0	SR5	9/20/2017 14:30	30.05	78.2	5.72	2.9	SR5	9/20/2017 20:30	29.83	75.7	5.55	4.7
SR5	9/20/2017 2:35	29.63	75.8	5.58	3.0	SR5	9/20/2017 8:35	29.60	73.9	5.44	3.3	SR5	9/20/2017 14:35	30.04	77.7	5.69	2.8	SR5	9/20/2017 20:35	29.78	74.7	5.47	4.3
SR5	9/20/2017 2:40	29.64	75.6	5.56	3.0	SR5	9/20/2017 8:40	29.54	74.0	5.44	3.3	SR5	9/20/2017 14:40	30.02	77.2	5.65	3.2	SR5	9/20/2017 20:40	29.80	75.7	5.55	3.6
SR5	9/20/2017 2:45	29.64	73.5	5.41	3.1	SR5	9/20/2017 8:45	29.53	72.9	5.37	2.8	SR5	9/20/2017 14:45	30.03	75.4	5.53	2.8	SR5	9/20/2017 20:45	29.78	74.0	5.43	4.7
SR5	9/20/2017 2:50	29.64	73.4	5.40	3.2	SR5	9/20/2017 8:50	29.52	74.1	5.46	3.2	SR5	9/20/2017 14:50	30.02	76.3	5.59	3.2	SR5	9/20/2017 20:50	29.78	75.5	5.53	4.9
SR5	9/20/2017 2:55	29.65	72.8	5.36	3.2	SR5	9/20/2017 8:55	29.66	74.4	5.48	3.0	SR5	9/20/2017 14:55	30.07	78.0	5.71	2.6	SR5	9/20/2017 20:55	29.77	75.6	5.54	3.4
SR5	9/20/2017 3:00	29.63	73.6	5.41	3.0	SR5	9/20/2017 9:00	29.64	73.3	5.41	3.2	SR5	9/20/2017 15:00	30.14	78.8	5.77	3.0	SR5	9/20/2017 21:00	29.76	75.2	5.51	4.9
SR5	9/20/2017 3:05	29.61	73.2	5.39	2.8	SR5	9/20/2017 9:05	29.69	76.1	5.62	2.9	SR5	9/20/2017 15:05	30.14	77.8	5.70	3.0	SR5	9/20/2017 21:05	29.73	76.3	5.59	3.5
SR5	9/20/2017 3:10	29.62	73.9	5.44	2.8	SR5	9/20/2017 9:10	29.69	76.8	5.67	2.9	SR5	9/20/2017 15:10	30.11	77.7	5.69	2.6	SR5	9/20/2017 21:10	29.70	75.3	5.52	4.8
SR5	9/20/2017 3:15	29.62	73.5	5.41	3.2	SR5	9/20/2017 9:15	29.70	76.5	5.65	3.3	SR5	9/20/2017 15:15	30.09	77.9	5.70	3.1	SR5	9/20/2017 21:15	29.68	75.4	5.53	5.2
SR5	9/20/2017 3:20	29.63	72.9	5.36	2.8	SR5	9/20/2017 9:20	29.67	74.7	5.52	2.7	SR5	9/20/2017 15:20	30.05	79.2	5.79	3.1	SR5	9/20/2017 21:20	29.68	74.7	5.48	3.7
SR5	9/20/2017 3:25	29.62	72.9	5.36	3.1	SR5	9/20/2017 9:25	29.62	74.6	5.51	3.3	SR5	9/20/2017 15:25	30.04	78.3	5.73	3.0	SR5	9/20/2017 21:25	29.67	74.1	5.44	3.4
SR5	9/20/2017 3:30	29.62	72.0	5.30	2.8	SR5	9/20/2017 9:30	29.93	74.3	5.48	3.1	SR5	9/20/2017 15:30	30.07	78.2	5.72	2.8	SR5	9/20/2017 21:30	29.67	74.2	5.45	5.3
SR5	9/20/2017 3:35	29.61	72.5	5.33	2.9	SR5	9/20/2017 9:35	29.80	75.4	5.56	3.4	SR5	9/20/2017 15:35	30.14	78.6	5.75	2.8	SR5	9/20/2017 21:35	29.66	75.0	5.50	4.2
SR5	9/20/2017 3:40	29.59	73.5	5.40	3.0	SR5	9/20/2017 9:40	29.80	74.3	5.48	2.8	SR5	9/20/2017 15:40	30.24	77.2	5.64	2.7	SR5	9/20/2017 21:40	29.63	74.5	5.47	4.5
SR5	9/20/2017 3:45	29.59	73.9	5.43	3.0	SR5	9/20/2017 9:45	29.75	75.1	5.53	3.3	SR5	9/20/2017 15:45	30.28	76.8	5.61	3.1	SR5	9/20/2017 21:45	29.60	74.3	5.45	3.8
SR5	9/20/2017 3:50	29.59	74.3	5.46	3.1	SR5	9/20/2017 9:50	29.69	74.2	5.46	3.1	SR5	9/20/2017 15:50	30.30	76.9	5.63	4.0	SR5	9/20/2017 21:50	29.59	73.5	5.40	5.4
SR5	9/20/2017 3:55	29.60	73.7	5.42	3.1	SR5	9/20/2017 9:55	29.77	74.5	5.48	3.0	SR5	9/20/2017 15:55	30.28	77.7	5.68	3.7	SR5	9/20/2017 21:55	29.58	74.1	5.44	5.9
SR5	9/20/2017 4:00	29.53	74.5	5.48	2.8	SR5	9/20/2017 10:00	29.82	75.3	5.54	2.8	SR5	9/20/2017 16:00	30.26	75.7	5.53	4.0	SR5	9/20/2017 22:00	29.56	73.0	5.36	6.0
SR5	9/20/2017 4:05	29.55	75.9	5.57	2.8	SR5	9/20/2017 10:05	29.69	73.8	5.44	3.2	SR5	9/20/2017 16:05	30.25	77.4	5.65	4.8	SR5	9/20/2017 22:05	29.56	74.6	5.48	4.5
SR5	9/20/2017 4:10	29.54	73.6	5.41	2.9	SR5	9/20/2017 10:10	29.69	73.7	5.43	2.7	SR5	9/20/2017 16:10	30.23	78.9	5.77	3.6	SR5	9/20/2017 22:10	29.54	75.0	5.51	6.4
SR5	9/20/2017 4:15	29.53	74.1	5.44	2.9	SR5	9/20/2017 10:15	29.66	73.4	5.41	2.7	SR5	9/20/2017 16:15	30.18	76.6	5.60	3.8	SR5	9/20/2017 22:15	29.54	75.1	5.51	4.7
SR5	9/20/2017 4:20	29.60	75.3	5.53	3.2	SR5	9/20/2017 10:20	29.76	75.2	5.53	2.7	SR5	9/20/2017 16:20	30.04	81.6	5.98	5.2	SR5	9/20/2017 22:20	29.53	73.2	5.38	5.1
SR5	9/20/2017 4:25	29.56	74.6	5.48	3.2	SR5	9/20/2017 10:25	29.99	74.9	5.51	3.0	SR5	9/20/2017 16:25	30.06	78.5	5.74	4.0	SR5	9/20/2017 22:25	29.51	73.1	5.37	3.9
SR5	9/20/2017 4:30	29.56	75.0	5.50	2.9	SR5	9/20/2017 10:30	30.32	73.8	5.43	2.7	SR5	9/20/2017 16:30	30.07	80.7	5.91	4.6	SR5	9/20/2017 22:30	29.51	73.7	5.42	4.9
SR5	9/20/2017 4:35	29.55	72.6	5.33	3.0	SR5	9/20/2017 10:35	30.20	74.6	5.48	2.9	SR5	9/20/2017 16:35	30.04	79.3	5.80	5.2	SR5	9/20/2017 22:35	29.51	74.3	5.46	5.0
SR5	9/20/2017 4:40	29.58	73.4	5.39	2.9	SR5	9/20/2017 10:40	30.07	74.2	5.45	3.3	SR5	9/20/2017 16:40	30.03	77.7	5.69	4.8	SR5	9/20/2017 22:40	29.58	74.9	5.50	7.0
SR5	9/20/2017 4:45	29.54	73.4	5.40	2.9	SR5	9/20/2017 10:45	30.05	74.0	5.45	3.0	SR5	9/20/2017 16:45	30.03	79.3	5.80	4.9	SR5	9/20/2017 22:45	29.57	74.8	5.50	4.8
SR5	9/20/2017 4:50	29.57	72.8	5.35	2.9	SR5	9/20/2017 10:50	30.05	74.2	5.46	2.9	SR5	9/20/2017 16:50	29.95	77.3	5.64	4.0	SR5	9/20/2017 22:50	29.61	74.3	5.46	7.2
SR5	9/20/2017 4:55	29.59	72.8	5.35	2.8	SR5	9/20/2017 10:55	29.87	75.5	5.55	3.2	SR5	9/20/2017 16:55	29.93	75.7	5.52	4.4	SR5	9/20/2017 22:55	29.64	75.1	5.52	5.7
SR5	9/20/2017 5:00	29.55	72.0	5.29	2.9	SR5	9/20/2017 11:00	29.92	75.0	5.52	3.4	SR5	9/20/2017 17:00	29.99	76.4	5.57	4.4	SR5	9/20/2017 23:00	29.65	75.7	5.57	6.9
SR5	9/20/2017 5:05	29.51	71.9	5.28	2.9	SR5	9/20/2017 11:05	29.95	75.9	5.58	3.3	SR5	9/20/2017 17:05	29.90	76.2	5.56	5.1	SR5	9/20/2017 23:05	29.66	75.8	5.57	6.1
SR5	9/20/2017 5:10	29.47	74.1	5.45	2.8	SR5	9/20/2017 11:10	29.94	75.4	5.55	3.3	SR5	9/20/2017 17:10	29.90	74.4	5.43	4.3	SR5	9/20/2017 23:10	29.63	74.7	5.49	6.4
SR5	9/20/2017 5:15	29.45	72.5	5.33	3.0	SR5	9/20/2017 11:15	29.88	74.8	5.50	3.2	SR5	9/20/2017 17:15	29.99	75.4	5.50	4.7	SR5	9/20/2017 23:15	29.61	74.7	5.49	3.9
SR5	9/20/2017 5:20	29.44	72.7	5.34	3.0	SR5	9/20/2017 11:20	29.80	76.2	5.60	3.2	SR5	9/20/2017 17:20	29.93	74.6	5.45	3.6	SR5	9/20/2017 23:20	29.61	76.3	5.61	4.0
SR5	9/20/2017 5:25	29.37	72.7	5.34	2.8	SR5	9/20/2017 11:25	29.78	75.9	5.58	3.1	SR5	9/20/2017 17:25	29.88	75.1	5.49	4.2	SR5	9/20/2017 23:25	29.61	74.3	5.46	3.8
SR5	9/20/2017 5:30	29.37	71.2	5.23	2.8	SR5	9/20/2017 11:30	29.90	77.2	5.67	2.8	SR5	9/20/2017 17:30	29.88	75.3	5.50	5.2	SR5	9/20/2017 23:30	29.62	76.3	5.60	3.6
SR5	9/20/2017 5:35	29.37	72.3	5.31	3.0	SR5	9/20/2017 11:35	29.81	78.0	5.73	3.2	SR5	9/20/2017 17:35	29.87	75.2	5.49	4.6	SR5	9/20/2017 23:35	29.61	76.1	5.59	7.2
SR5	9/20/2017 5:40	29.32	72.7	5.34	2.7	SR5	9/20/2017 11:40	29.76	76.8	5.65	3.0	SR5	9/20/2017 17:40	29.90	74.5	5.44	3.3	SR5	9/20/2017 23:40	29.61	75.0	5.52	6.2
SR5	9/20/2017 5:45	29.30	72.4	5.32	3.0	SR5	9/20/2017 11:45	29.74	77.3	5.69	3.1	SR5	9/20/2017 17:45	29.95	75.5	5.51	4.1	SR5	9/20/2017 23:45	29.61	76.5	5.62	3.9
SR5	9/20/2017 5:50	29.27	72.0	5.29	3.0	SR5	9/20/2017 11:50	29.90	76.4	5.62	3.3	SR5	9/20/2017 17:50	29.91	74.9	5.47	5.0	SR5	9/20/2017 23:50	29.60	76.0	5.59	7.0
SR5	9/20/2017 5:55	29.30	72.9	5.36	3.0	SR5	9/20/2017 11:55	29.90	75.9	5.58	2.7	SR5	9/20/2017 17:55	29.93	73.5	5.37	3.7	SR5	9/20/2017 23:55	29.60	74.7	5.50	5.1

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR12	9/20/2017 0:01	29.49	73.2	5.39	6.6	SR12	9/20/2017 6:01	29.56	69.2	5.09	6.6	SR12	9/20/2017 12:01	29.83	73.2	5.39	6.1	SR12	9/20/2017 18:01	30.24	71.4	5.21	6.1
SR12	9/20/2017 0:06	29.47	72.6	5.35	6.6	SR12	9/20/2017 6:06	29.54	69.8	5.13	6.4	SR12	9/20/2017 12:06	29.76	73.2	5.39	5.6	SR12	9/20/2017 18:06	30.23	70.1	5.12	6.3
SR12	9/20/2017 0:11	29.45	71.6	5.28	7.1	SR12	9/20/2017 6:11	29.52	70.6	5.19	6.9	SR12	9/20/2017 12:11	29.72	73.4	5.40	5.7	SR12	9/20/2017 18:11	30.15	69.9	5.11	5.3
SR12	9/20/2017 0:16	29.46	70.9	5.23	6.6	SR12	9/20/2017 6:16	29.61	70.2	5.16	6.2	SR12	9/20/2017 12:16	29.74	73.8	5.42	4.8	SR12	9/20/2017 18:16	30.11	70.1	5.13	5.6
SR12	9/20/2017 0:21	29.48	72.3	5.32	6.8	SR12	9/20/2017 6:21	29.57	70.0	5.15	6.3	SR12	9/20/2017 12:21	29.99	73.8	5.42	6.2	SR12	9/20/2017 18:21	30.01	70.8	5.18	6.3
SR12	9/20/2017 0:26	29.51	71.3	5.25	6.8	SR12	9/20/2017 6:26	29.55	70.1	5.15	5.9	SR12	9/20/2017 12:26	30.23	73.7	5.42	6.0	SR12	9/20/2017 18:26	30.03	71.2	5.20	5.8
SR12	9/20/2017 0:31	29.55	72.0	5.30	6.3	SR12	9/20/2017 6:31	29.57	70.6	5.19	6.4	SR12	9/20/2017 12:31	30.24	74.5	5.48	5.0	SR12	9/20/2017 18:31	29.98	70.8	5.17	6.2
SR12	9/20/2017 0:36	29.58	70.7	5.21	6.6	SR12	9/20/2017 6:36	29.59	69.1	5.08	6.5	SR12	9/20/2017 12:36	30.10	75.8	5.57	6.1	SR12	9/20/2017 18:36	30.00	71.3	5.21	5.9
SR12	9/20/2017 0:41	29.59	71.7	5.28	6.8	SR12	9/20/2017 6:41	29.56	69.9	5.15	5.7	SR12	9/20/2017 12:41	30.07	76.9	5.63	5.8	SR12	9/20/2017 18:41	30.01	70.8	5.17	6.2
SR12	9/20/2017 0:46	29.57	71.0	5.23	6.8	SR12	9/20/2017 6:46	29.55	70.4	5.18	6.8	SR12	9/20/2017 12:46	30.10	76.2	5.58	5.3	SR12	9/20/2017 18:46	29.96	71.0	5.19	6.5
SR12	9/20/2017 0:51	29.56	71.7	5.28	6.6	SR12	9/20/2017 6:51	29.59	69.9	5.15	6.6	SR12	9/20/2017 12:51	29.99	76.5	5.61	5.5	SR12	9/20/2017 18:51	29.93	71.6	5.23	6.7
SR12	9/20/2017 0:56	29.55	72.1	5.30	6.3	SR12	9/20/2017 6:56	29.53	69.4	5.11	6.1	SR12	9/20/2017 12:56	29.94	76.4	5.61	6.2	SR12	9/20/2017 18:56	29.97	71.5	5.23	6.3
SR12	9/20/2017 1:01	29.54	71.4	5.25	5.8	SR12	9/20/2017 7:01	29.52	70.6	5.20	6.7	SR12	9/20/2017 13:01	29.96	75.0	5.51	5.6	SR12	9/20/2017 19:01	29.91	70.7	5.17	6.7
SR12	9/20/2017 1:06	29.55	70.7	5.20	7.2	SR12	9/20/2017 7:06	29.51	70.1	5.16	7.4	SR12	9/20/2017 13:06	29.97	75.6	5.55	5.9	SR12	9/20/2017 19:06	29.91	71.0	5.19	6.5
SR12	9/20/2017 1:11	29.56	70.1	5.16	5.9	SR12	9/20/2017 7:11	29.47	70.8	5.21	7.2	SR12	9/20/2017 13:11	29.95	73.0	5.36	6.2	SR12	9/20/2017 19:11	29.99	70.9	5.19	5.6
SR12	9/20/2017 1:16	29.56	74.1	5.46	6.8	SR12	9/20/2017 7:16	29.47	70.1	5.16	5.8	SR12	9/20/2017 13:16	29.89	72.5	5.32	6.8	SR12	9/20/2017 19:16	29.94	69.5	5.08	5.8
SR12	9/20/2017 1:21	29.54	74.3	5.48	6.7	SR12	9/20/2017 7:21	29.39	69.3	5.10	5.4	SR12	9/20/2017 13:21	29.85	72.0	5.29	5.7	SR12	9/20/2017 19:21	29.88	70.1	5.13	6.1
SR12	9/20/2017 1:26	29.55	72.7	5.36	6.3	SR12	9/20/2017 7:26	29.38	70.5	5.19	6.4	SR12	9/20/2017 13:26	29.99	73.4	5.39	6.0	SR12	9/20/2017 19:26	29.88	70.8	5.18	6.0
SR12	9/20/2017 1:31	29.55	73.3	5.40	7.4	SR12	9/20/2017 7:31	29.38	71.1	5.23	6.6	SR12	9/20/2017 13:31	29.88	72.1	5.30	5.7	SR12	9/20/2017 19:31	29.87	71.3	5.22	5.9
SR12	9/20/2017 1:36	29.55	73.5	5.41	6.3	SR12	9/20/2017 7:36	29.34	70.7	5.20	5.1	SR12	9/20/2017 13:36	29.83	72.1	5.29	6.2	SR12	9/20/2017 19:36	29.91	71.0	5.20	5.7
SR12	9/20/2017 1:41	29.55	73.1	5.39	6.1	SR12	9/20/2017 7:41	29.32	70.4	5.18	5.9	SR12	9/20/2017 13:41	29.77	70.8	5.20	6.5	SR12	9/20/2017 19:41	29.95	71.0	5.20	5.1
SR12	9/20/2017 1:46	29.54	73.5	5.42	6.8	SR12	9/20/2017 7:46	29.29	70.8	5.22	6.2	SR12	9/20/2017 13:46	30.03	72.0	5.28	6.2	SR12	9/20/2017 19:46	29.91	72.5	5.30	6.8
SR12	9/20/2017 1:51	29.52	72.9	5.37	7.1	SR12	9/20/2017 7:51	29.31	69.9	5.15	6.1	SR12	9/20/2017 13:51	29.99	71.9	5.28	6.2	SR12	9/20/2017 19:51	29.96	71.6	5.24	5.5
SR12	9/20/2017 1:56	29.52	72.9	5.37	6.0	SR12	9/20/2017 7:56	29.49	70.8	5.21	5.2	SR12	9/20/2017 13:56	29.93	73.0	5.35	6.1	SR12	9/20/2017 19:56	29.94	71.3	5.22	5.6
SR12	9/20/2017 2:01	29.54	71.7	5.29	7.0	SR12	9/20/2017 8:01	29.53	70.3	5.18	5.9	SR12	9/20/2017 14:01	29.85	72.1	5.30	5.2	SR12	9/20/2017 20:01	29.87	71.9	5.26	6.2
SR12	9/20/2017 2:06	29.54	71.8	5.29	7.4	SR12	9/20/2017 8:06	29.56	70.7	5.20	5.2	SR12	9/20/2017 14:06	29.83	71.5	5.25	6.6	SR12	9/20/2017 20:06	29.83	71.7	5.26	6.2
SR12	9/20/2017 2:11	29.53	71.8	5.29	6.5	SR12	9/20/2017 8:11	29.56	69.5	5.12	5.9	SR12	9/20/2017 14:11	29.79	72.1	5.29	6.3	SR12	9/20/2017 20:11	29.80	72.0	5.27	6.1
SR12	9/20/2017 2:16	29.55	72.5	5.34	6.2	SR12	9/20/2017 8:16	29.57	69.3	5.11	5.8	SR12	9/20/2017 14:16	29.76	72.3	5.31	5.4	SR12	9/20/2017 20:16	29.84	72.0	5.28	6.2
SR12	9/20/2017 2:21	29.47	71.9	5.30	5.7	SR12	9/20/2017 8:21	29.57	69.7	5.13	5.8	SR12	9/20/2017 14:21	29.71	73.5	5.40	6.1	SR12	9/20/2017 20:21	29.90	72.6	5.32	6.4
SR12	9/20/2017 2:26	29.50	71.5	5.27	6.5	SR12	9/20/2017 8:26	29.56	69.5	5.12	4.7	SR12	9/20/2017 14:26	29.69	73.8	5.41	6.1	SR12	9/20/2017 20:26	29.93	71.9	5.27	6.2
SR12	9/20/2017 2:31	29.55	71.8	5.29	6.4	SR12	9/20/2017 8:31	29.55	69.7	5.14	5.8	SR12	9/20/2017 14:31	29.70	75.7	5.54	5.6	SR12	9/20/2017 20:31	29.93	72.9	5.35	6.8
SR12	9/20/2017 2:36	29.57	72.9	5.37	7.0	SR12	9/20/2017 8:36	29.54	70.0	5.16	6.4	SR12	9/20/2017 14:36	29.75	74.2	5.44	5.6	SR12	9/20/2017 20:36	29.90	71.9	5.27	5.5
SR12	9/20/2017 2:41	29.61	72.3	5.33	5.7	SR12	9/20/2017 8:41	29.54	71.2	5.25	6.0	SR12	9/20/2017 14:41	29.79	73.5	5.39	5.5	SR12	9/20/2017 20:41	29.91	71.2	5.22	6.0
SR12	9/20/2017 2:46	29.61	70.7	5.21	6.3	SR12	9/20/2017 8:46	29.53	71.0	5.23	4.9	SR12	9/20/2017 14:46	29.78	72.6	5.33	6.1	SR12	9/20/2017 20:46	29.92	72.4	5.31	5.5
SR12	9/20/2017 2:51	29.61	70.9	5.22	6.7	SR12	9/20/2017 8:51	29.54	72.0	5.31	4.8	SR12	9/20/2017 14:51	29.75	73.7	5.40	5.9	SR12	9/20/2017 20:51	29.92	72.6	5.33	6.5
SR12	9/20/2017 2:56	29.58	70.6	5.20	6.4	SR12	9/20/2017 8:56	29.53	71.0	5.24	5.5	SR12	9/20/2017 14:56	29.73	74.9	5.49	5.5	SR12	9/20/2017 20:56	29.90	72.8	5.34	6.5
SR12	9/20/2017 3:01	29.59	69.5	5.12	5.9	SR12	9/20/2017 9:01	29.54	71.1	5.25	5.9	SR12	9/20/2017 15:01	29.74	75.2	5.51	6.1	SR12	9/20/2017 21:01	29.92	73.6	5.40	6.3
SR12	9/20/2017 3:06	29.58	69.9	5.15	5.7	SR12	9/20/2017 9:06	29.54	72.6	5.36	5.7	SR12	9/20/2017 15:06	29.77	75.2	5.51	5.8	SR12	9/20/2017 21:06	29.93	73.0	5.36	5.5
SR12	9/20/2017 3:11	29.62	70.8	5.21	5.9	SR12	9/20/2017 9:11	29.51	73.9	5.46	5.1	SR12	9/20/2017 15:11	29.89	74.5	5.46	5.7	SR12	9/20/2017 21:11	29.93	73.5	5.39	5.6
SR12	9/20/2017 3:16	29.70	71.1	5.23	6.3	SR12	9/20/2017 9:16	29.51	73.8	5.46	5.4	SR12	9/20/2017 15:16	29.87	73.6	5.39	6.3	SR12	9/20/2017 21:16	29.91	73.8	5.42	6.3
SR12	9/20/2017 3:21	29.73	70.5	5.19	5.8	SR12	9/20/2017 9:21	29.51	72.3	5.35	6.1	SR12	9/20/2017 15:21	29.90	74.8	5.47	5.5	SR12	9/20/2017 21:21	29.90	73.3	5.38	5.9
SR12	9/20/2017 3:26	29.79	70.6	5.20	6.7	SR12	9/20/2017 9:26	29.59	72.2	5.34	5.2	SR12	9/20/2017 15:26	29.92	75.5	5.53	5.6	SR12	9/20/2017 21:26	29.93	72.5	5.32	6.2
SR12	9/20/2017 3:31	29.82	69.5	5.12	6.1	SR12	9/20/2017 9:31	29.59	72.2	5.33	6.6	SR12	9/20/2017 15:31	29.99	74.5	5.45	6.2	SR12	9/20/2017 21:31	29.94	73.1	5.37	6.3
SR12	9/20/2017 3:36	29.77	69.6	5.12	5.9	SR12	9/20/2017 9:36	29.56	72.0	5.32	5.8	SR12	9/20/2017 15:36	30.05	76.5	5.60	5.8	SR12	9/20/2017 21:36	29.94	73.2	5.37	6.3
SR12	9/20/2017 3:41	29.72	70.1	5.16	5.7	SR12	9/20/2017 9:41	29.57	72.3	5.33	5.1	SR12	9/20/2017 15:41	29.98	74.9	5.47	7.8	SR12	9/20/2017 21:41	29.94	72.6	5.33	6.1
SR12	9/20/2017 3:46	29.69	70.7	5.20	6.1	SR12	9/20/2017 9:46	29.59	71.9	5.30	6.4	SR12	9/20/2017 15:46	29.99	72.2	5.28	6.3	SR12	9/20/2017 21:46	29.93	72.4	5.32	5.9
SR12	9/20/2017 3:51	29.67	70.2	5.17	5.6	SR12	9/20/2017 9:51	29.62	72.2	5.32	5.1	SR12	9/20/2017 15:51	30.06	75.0	5.49	5.9	SR12	9/20/2017 21:51	29.92	72.4	5.32	6.0
SR12	9/20/2017 3:56	29.65	70.7	5.21	6.1	SR12	9/20/2017 9:56	29.59	71.6	5.28	5.6	SR12	9/20/2017 15:56	30.25	75.1	5.49	5.5	SR12	9/20/2017 21:56	29.89	72.1	5.30	5.7
SR12	9/20/2017 4:01	29.63	72.4	5.33	5.9	SR12	9/20/2017 10:01	29.58	72.0	5.31	4.8	SR12	9/20/2017 16:01	30.32	73.9	5.39	6.8	SR12	9/20/2017 22:01	29.86	71.7	5.27	6.5
SR12	9/20/2017 4:06	29.62	71.3	5.25	6.0	SR12	9/20/2017 10:06	29.60	71.0	5.24	5.7	SR12	9/20/2017 16:06	30.35	74.4	5.44	5.7	SR12	9/20/2017 22:06	29.86	71.5	5.26	6.2
SR12	9/20/2017 4:11	29.62	71.1	5.23	6.2	SR12	9/20/2017 10:11	29.59	71.1	5.24	4.9	SR12	9/20/2017 16:11	30.31	75.3	5.51	6.0	SR12	9/20/2017 22:11	29.83	72.1	5.30	7.2
SR12	9/20/2017 4:16	29.63	71.9	5.28	6.6	SR12	9/20/2017 10:16	29.60	71.8	5.29	5.3	SR12	9/20/2017 16:16	30.19	74.7	5.47	6.5	SR12	9/20/2017 22:16	29.81	71.8	5.28	9.4
SR12	9/20/2017 4:21	29.63	71.7	5.27	6.6	SR12	9/20/2017 10:21	29.62	71.6	5.27	4.9	SR12	9/20/2017 16:21	30.09	77.5	5.69	5.7	SR12	9/20/2017 22:21	29.80	72.0	5.29	6.9
SR12	9/20/2017 4:26	29.61	71.0	5.22	6.5	SR12	9/20/2017 10:26	29.56	72.3	5.32	5.4	SR12	9/20/2017 16:26	30.06	75.6	5.54	6.3	SR12	9/20/2017 22:26	29.79	71.7	5.27	6.7
SR12	9/20/2017 4:31	29.63	71.6	5.26	6.8	SR12	9/20/2017 10:31	29.56	71.9	5.30	4.8	SR12	9/20/2017 16:31	30.04	77.5	5.68	5.9	SR12	9/20/2017 22:31	29.76	72.2	5.31	8.6
SR12	9/20/2017 4:36	29.65	70.6	5.19	6.7	SR12	9/20/2017 10:36	29.56	70.6	5.20	5.7	SR12	9/20/2017 16:36	30.04	76.3	5.59	6.1	SR12	9/20/2017 22:36	29.76	72.1	5.30	8.0
SR12	9/20/2017 4:41	29.64	70.9	5.21	6.9	SR12	9/20/2017 10:41	29.53	71.4	5.25	5.6	SR12	9/20/2017 16:41	30.02	75.3	5.51	6.2	SR12	9/20/2017 22:41	29.77	71.7	5.28	8.3
SR12	9/20/2017 4:46	29.63	70.6	5.19	6.4	SR12	9/20/2017 10:46	29.52	71.4	5.26	4.9	SR12	9/20/2017 16:46	30.03	75.1	5.50	6.2	SR12	9/20/2017 22:46	29.76	72.0	5.30	6.2
SR12	9/20/2017 4:51	29.62	70.2	5.17	6.6	SR12	9/20/2017 10:51	29.56	70.8	5.22	5.2	SR12	9/20/2017 16:51	30.07	73.5	5.37	6.9	SR12	9/20/2017 22:51	29.75	72.6	5.34	9.8
SR12	9/20/2017 4:56	29.62	70.6	5.19	5.6	SR12	9/20/2017 10:56	29.59	71.4	5.26	5.5	SR12	9/20/2017 16:56	30.13	73.0	5.33	6.3	SR12	9/20/2017 22:56	29.73	73.2	5.38	7.3
SR12	9/20/2017 5:01	29.62	69.7	5.13	5.8	SR12	9/20/2017 11:01	29.65	71.9	5.30	5.9	SR12	9/20/2017 17:01	30.14	72.4	5.29	6.7	SR12	9/20/2017 23:01	29.73	72.7	5.35	8.0
SR12	9/20/2017 5:06	29.61	70.0	5.14	6.1	SR12	9/20/2017 11:06	29.63	72.7	5.35	5.6	SR12	9/20/2017 17:06	30.13	73.0	5.33	6.0	SR12	9/20/2017 23:06	29.70	73.4	5.40	8.0
SR12	9/20/2017 5:11	29.62	71.0	5.22	6.6	SR12	9/20/2017 11:11	29.64	72.4	5.33	5.6	SR12	9/20/2017 17:11	30.11	72.0	5.26	6.6	SR12	9/20/2017 23:11	29.68	73.1	5.38	8.7
SR12	9/20/2017 5:16	29.63	70.9	5.22	6.2	SR12	9/20/2017 11:16	29.65	72.6	5.35	5.7	SR12	9/20/2017 17:16	30.08	71.9	5.25	6.2	SR12	9/20/2017 23:16	29.66	73.0	5.37	7.3
SR12	9/20/2017 5:21	29.62	69.2	5.09	6.2	SR12	9/20/2017 11:21	29.64	72.2	5.32	5.6	SR12	9/20/2017 17:21	30.07	71.1	5.20	5.7	SR12	9/20/2017 23:21	29.66	73.0	5.37	6.4
SR12	9/20/2017 5:26	29.62	70.2	5.16	5.9	SR12	9/20/2017 11:26	29.83	73.4	5.40	4.7	SR12	9/20/2017 17:26	30.11	72.7	5.32	6.4	SR12	9/20/2017 23:26	29.65	73.2	5.39	7.0
SR12	9/20/2017 5:31	29.61	69.8	5.13	5.6	SR12	9/20/2017 11:31	29.84	73.5	5.41	5.5	SR12	9/20/2017 17:31	30.18	71.5	5.23	5.9	SR12	9/20/2017 23:31	29.63	73.5	5.40	6.4
SR12	9/20/2017 5:36	29.58	68.8	5.06	7.0	SR12	9/20/2017 11:36	29.84	74.6	5.49	6.0	SR12	9/20/2017 17:36	30.24	72.2	5.27	5.8	SR12	9/20/2017 23:36	29.62	73.3	5.39	9.4
SR12	9/20/2017 5:41	29.59	68.8	5.06	6.6	SR12	9/20/2017 11:41	29.81	75.3	5.54	5.6	SR12	9/20/2017 17:41	30.30	71.7	5.24	6.3	SR12	9/20/2017 23:41	29.58	73.5	5.41	7.4
SR12	9/20/2017 5:46	29.58	69.3	5.10	5.3	SR12	9/20/2017 11:46	29.74	74.8	5.51	6.1	SR12	9/20/2017 17:46	30.30	70.6	5.16	5.9	SR12	9/20/2017 23:46	29.57	73.1	5.38	7.9
SR12	9/20/2017 5:51	29.59	69.8	5.13	6.2	SR12	9/20/2017 11:51	29.84	73.0	5.37	5.2	SR12	9/20/2017 17:51	30.27	72.3	5.28	5.8	SR12	9/20/2017 23:51	29.56	73.4	5.40	8.5
SR12	9/20/2017 5:56	29.52	69.4	5.11	6.9	SR12	9/20/2017 11:56	29.90	74.6	5.48	5.2	SR12	9/20/2017 17:56	30.27	70.4	5.14	6.3	SR12	9/20/2017 23:56	29.57	73.3	5.40	8.9

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR13	9/20/2017 0:00	29.50	70.2	5.09	6.6	SR13	9/20/2017 6:00	29.50	66.2	4.80	5.7	SR13	9/20/2017 12:00	29.86	67.6	4.91	7.1	SR13	9/20/2017 18:00	30.24	66.5	4.80	7.3
SR13	9/20/2017 0:05	29.49	69.6	5.06	7.5	SR13	9/20/2017 6:05	29.46	66.2	4.80	7.2	SR13	9/20/2017 12:05	29.82	67.8	4.93	6.4	SR13	9/20/2017 18:05	30.21	65.3	4.72	7.1
SR13	9/20/2017 0:10	29.48	69.1	5.02	6.2	SR13	9/20/2017 6:10	29.44	66.8	4.84	6.9	SR13	9/20/2017 12:10	29.88	68.1	4.94	6.6	SR13	9/20/2017 18:10	30.16	65.4	4.73	7.1
SR13	9/20/2017 0:15	29.54	69.1	5.02	6.3	SR13	9/20/2017 6:15	29.50	66.6	4.83	5.6	SR13	9/20/2017 12:15	30.19	68.5	4.97	6.5	SR13	9/20/2017 18:15	30.15	65.5	4.74	7.3
SR13	9/20/2017 0:20	29.57	70.1	5.09	6.6	SR13	9/20/2017 6:20	29.43	66.3	4.81	5.3	SR13	9/20/2017 12:20	30.89	68.1	4.94	6.3	SR13	9/20/2017 18:20	30.14	65.6	4.75	6.4
SR13	9/20/2017 0:25	29.58	68.9	5.00	6.5	SR13	9/20/2017 6:25	29.40	66.9	4.85	7.2	SR13	9/20/2017 12:25	30.71	68.5	4.97	6.9	SR13	9/20/2017 18:25	30.10	66.4	4.80	6.6
SR13	9/20/2017 0:30	29.60	69.5	5.04	7.6	SR13	9/20/2017 6:30	29.47	67.0	4.86	5.5	SR13	9/20/2017 12:30	30.24	68.1	4.95	6.4	SR13	9/20/2017 18:30	30.10	66.3	4.79	6.8
SR13	9/20/2017 0:35	29.62	69.7	5.06	6.7	SR13	9/20/2017 6:35	29.46	66.6	4.83	7.8	SR13	9/20/2017 12:35	30.17	70.1	5.08	6.4	SR13	9/20/2017 18:35	30.09	66.1	4.78	7.0
SR13	9/20/2017 0:40	29.62	69.8	5.07	5.7	SR13	9/20/2017 6:40	29.42	66.8	4.85	6.5	SR13	9/20/2017 12:40	30.21	70.0	5.07	6.6	SR13	9/20/2017 18:40	30.09	66.3	4.79	6.8
SR13	9/20/2017 0:45	29.59	69.7	5.06	6.8	SR13	9/20/2017 6:45	29.44	66.3	4.81	6.9	SR13	9/20/2017 12:45	30.12	69.8	5.05	6.6	SR13	9/20/2017 18:45	29.96	66.3	4.80	6.5
SR13	9/20/2017 0:50	29.57	69.1	5.02	7.7	SR13	9/20/2017 6:50	29.44	65.8	4.78	5.9	SR13	9/20/2017 12:50	30.15	69.1	5.01	7.1	SR13	9/20/2017 18:50	29.90	67.0	4.84	7.0
SR13	9/20/2017 0:55	29.55	70.1	5.08	6.9	SR13	9/20/2017 6:55	29.47	66.1	4.80	7.0	SR13	9/20/2017 12:55	30.02	70.0	5.08	6.5	SR13	9/20/2017 18:55	29.95	66.8	4.83	7.1
SR13	9/20/2017 1:00	29.56	69.4	5.03	7.4	SR13	9/20/2017 7:00	29.42	67.1	4.87	7.6	SR13	9/20/2017 13:00	30.00	69.7	5.06	6.7	SR13	9/20/2017 19:00	29.92	66.0	4.78	7.0
SR13	9/20/2017 1:05	29.58	69.0	5.00	6.9	SR13	9/20/2017 7:05	29.47	66.6	4.83	6.7	SR13	9/20/2017 13:05	30.01	69.3	5.02	6.7	SR13	9/20/2017 19:05	29.92	65.6	4.75	6.7
SR13	9/20/2017 1:10	29.57	69.2	5.02	6.2	SR13	9/20/2017 7:10	29.45	67.0	4.86	6.5	SR13	9/20/2017 13:10	29.96	67.8	4.92	7.2	SR13	9/20/2017 19:10	29.97	65.7	4.76	6.6
SR13	9/20/2017 1:15	29.56	71.3	5.18	6.2	SR13	9/20/2017 7:15	29.40	66.9	4.86	6.6	SR13	9/20/2017 13:15	30.08	67.1	4.86	7.0	SR13	9/20/2017 19:15	29.95	64.9	4.70	6.4
SR13	9/20/2017 1:20	29.57	70.8	5.14	5.9	SR13	9/20/2017 7:20	29.44	66.5	4.83	6.2	SR13	9/20/2017 13:20	30.31	68.1	4.94	7.4	SR13	9/20/2017 19:20	29.89	65.2	4.72	7.3
SR13	9/20/2017 1:25	29.56	70.6	5.13	6.2	SR13	9/20/2017 7:25	29.42	67.1	4.87	6.7	SR13	9/20/2017 13:25	29.94	67.9	4.93	7.0	SR13	9/20/2017 19:25	29.94	65.9	4.77	7.3
SR13	9/20/2017 1:30	29.57	70.3	5.11	5.5	SR13	9/20/2017 7:30	29.39	66.6	4.83	6.5	SR13	9/20/2017 13:30	29.96	67.5	4.90	7.1	SR13	9/20/2017 19:30	29.94	66.6	4.82	7.4
SR13	9/20/2017 1:35	29.56	70.4	5.11	5.7	SR13	9/20/2017 7:35	29.35	66.4	4.82	6.8	SR13	9/20/2017 13:35	29.84	67.9	4.92	7.1	SR13	9/20/2017 19:35	29.90	66.3	4.80	7.3
SR13	9/20/2017 1:40	29.57	70.1	5.09	6.0	SR13	9/20/2017 7:40	29.34	66.6	4.83	7.1	SR13	9/20/2017 13:40	30.00	67.3	4.88	7.0	SR13	9/20/2017 19:40	29.90	66.0	4.78	7.0
SR13	9/20/2017 1:45	29.53	71.1	5.16	7.2	SR13	9/20/2017 7:45	29.29	66.6	4.84	6.7	SR13	9/20/2017 13:45	30.08	68.0	4.93	7.0	SR13	9/20/2017 19:45	29.91	67.0	4.85	6.7
SR13	9/20/2017 1:50	29.54	70.0	5.08	6.4	SR13	9/20/2017 7:50	29.31	66.9	4.86	7.4	SR13	9/20/2017 13:50	30.10	68.2	4.94	7.4	SR13	9/20/2017 19:50	29.89	66.1	4.78	6.9
SR13	9/20/2017 1:55	29.54	69.9	5.08	5.9	SR13	9/20/2017 7:55	29.43	67.0	4.86	6.3	SR13	9/20/2017 13:55	29.93	68.1	4.93	7.0	SR13	9/20/2017 19:55	29.87	65.9	4.77	6.6
SR13	9/20/2017 2:00	29.54	69.8	5.07	5.4	SR13	9/20/2017 8:00	29.50	66.3	4.81	6.8	SR13	9/20/2017 14:00	29.89	67.4	4.89	7.0	SR13	9/20/2017 20:00	29.85	66.4	4.80	7.3
SR13	9/20/2017 2:05	29.51	70.0	5.08	7.3	SR13	9/20/2017 8:05	29.54	66.9	4.86	6.5	SR13	9/20/2017 14:05	29.88	67.3	4.88	7.7	SR13	9/20/2017 20:05	29.83	67.0	4.85	7.8
SR13	9/20/2017 2:10	29.50	69.4	5.04	5.8	SR13	9/20/2017 8:10	29.54	66.9	4.86	6.8	SR13	9/20/2017 14:10	29.86	67.2	4.87	7.4	SR13	9/20/2017 20:10	29.81	67.0	4.85	7.7
SR13	9/20/2017 2:15	29.45	70.4	5.11	6.1	SR13	9/20/2017 8:15	29.56	66.2	4.81	6.9	SR13	9/20/2017 14:15	29.71	68.0	4.93	7.5	SR13	9/20/2017 20:15	29.82	66.8	4.84	7.2
SR13	9/20/2017 2:20	29.45	70.2	5.10	6.2	SR13	9/20/2017 8:20	29.56	65.8	4.78	7.3	SR13	9/20/2017 14:20	29.69	67.8	4.92	7.4	SR13	9/20/2017 20:20	29.88	67.0	4.85	6.5
SR13	9/20/2017 2:25	29.48	70.0	5.08	7.2	SR13	9/20/2017 8:25	29.56	67.0	4.86	7.0	SR13	9/20/2017 14:25	29.80	68.6	4.97	7.6	SR13	9/20/2017 20:25	29.88	66.1	4.79	7.1
SR13	9/20/2017 2:30	29.54	69.5	5.04	5.5	SR13	9/20/2017 8:30	29.55	66.9	4.86	6.9	SR13	9/20/2017 14:30	29.94	70.0	5.07	7.4	SR13	9/20/2017 20:30	29.91	66.8	4.84	7.5
SR13	9/20/2017 2:35	29.63	70.1	5.09	5.6	SR13	9/20/2017 8:35	29.54	67.0	4.87	6.7	SR13	9/20/2017 14:35	29.89	68.7	4.98	7.7	SR13	9/20/2017 20:35	29.91	66.7	4.83	7.6
SR13	9/20/2017 2:40	29.56	69.9	5.08	6.8	SR13	9/20/2017 8:40	29.53	67.1	4.88	7.4	SR13	9/20/2017 14:40	29.85	68.9	4.99	7.4	SR13	9/20/2017 20:40	29.90	65.7	4.76	7.4
SR13	9/20/2017 2:45	29.52	69.3	5.03	6.1	SR13	9/20/2017 8:45	29.53	67.6	4.91	7.4	SR13	9/20/2017 14:45	29.72	67.6	4.90	7.2	SR13	9/20/2017 20:45	29.91	66.8	4.84	6.3
SR13	9/20/2017 2:50	29.49	69.1	5.01	6.3	SR13	9/20/2017 8:50	29.54	67.3	4.89	6.8	SR13	9/20/2017 14:50	29.81	68.3	4.95	6.9	SR13	9/20/2017 20:50	29.91	66.1	4.80	7.2
SR13	9/20/2017 2:55	29.49	69.1	5.02	7.4	SR13	9/20/2017 8:55	29.55	67.1	4.88	7.0	SR13	9/20/2017 14:55	29.76	68.6	4.97	6.6	SR13	9/20/2017 20:55	29.91	66.2	4.80	7.2
SR13	9/20/2017 3:00	29.48	68.9	5.00	7.1	SR13	9/20/2017 9:00	29.55	67.3	4.89	7.1	SR13	9/20/2017 15:00	29.83	68.1	4.93	7.0	SR13	9/20/2017 21:00	29.91	67.4	4.89	6.6
SR13	9/20/2017 3:05	29.43	68.3	4.96	6.9	SR13	9/20/2017 9:05	29.55	68.1	4.95	7.0	SR13	9/20/2017 15:05	29.94	68.1	4.93	7.8	SR13	9/20/2017 21:05	29.93	66.5	4.82	7.0
SR13	9/20/2017 3:10	29.75	69.7	5.05	6.0	SR13	9/20/2017 9:10	29.55	68.1	4.96	6.9	SR13	9/20/2017 15:10	29.99	68.0	4.93	7.2	SR13	9/20/2017 21:10	29.92	66.5	4.82	7.1
SR13	9/20/2017 3:15	29.85	69.7	5.06	6.2	SR13	9/20/2017 9:15	29.54	68.3	4.97	7.3	SR13	9/20/2017 15:15	29.88	66.9	4.85	7.9	SR13	9/20/2017 21:15	29.91	67.1	4.87	7.2
SR13	9/20/2017 3:20	29.87	68.7	4.99	6.7	SR13	9/20/2017 9:20	29.54	68.0	4.95	6.7	SR13	9/20/2017 15:20	30.12	67.5	4.89	6.8	SR13	9/20/2017 21:20	29.88	67.3	4.88	7.1
SR13	9/20/2017 3:25	29.84	69.6	5.05	6.5	SR13	9/20/2017 9:25	29.57	67.1	4.89	6.6	SR13						SR13	9/20/2017 21:25	29.91	66.8	4.84	7.3
SR13	9/20/2017 3:30	29.71	68.7	4.98	7.0	SR13	9/20/2017 9:30	29.61	67.8	4.93	6.5	SR13						SR13	9/20/2017 21:30	29.93	66.5	4.83	7.5
SR13	9/20/2017 3:35	29.66	68.3	4.95	5.2	SR13	9/20/2017 9:35	29.62	67.7	4.93	6.9	SR13						SR13	9/20/2017 21:35	29.94	66.6	4.83	6.8
SR13	9/20/2017 3:40	29.64	69.4	5.03	6.3	SR13	9/20/2017 9:40	29.68	67.6	4.91	6.9	SR13	9/20/2017 15:40	30.19	67.6	4.89	7.7	SR13	9/20/2017 21:40	29.93	66.6	4.83	7.0
SR13	9/20/2017 3:45	29.64	69.1	5.01	6.6	SR13	9/20/2017 9:45	29.70	67.8	4.93	7.3	SR13	9/20/2017 15:45	30.20	66.8	4.83	6.7	SR13	9/20/2017 21:45	29.92	65.6	4.76	7.7
SR13	9/20/2017 3:50	29.62	68.7	4.99	7.0	SR13	9/20/2017 9:50	29.72	68.3	4.96	7.0	SR13	9/20/2017 15:50	30.51	68.2	4.94	7.0	SR13	9/20/2017 21:50	29.92	65.9	4.78	7.4
SR13	9/20/2017 3:55	29.58	68.6	4.98	6.3	SR13	9/20/2017 9:55	29.75	66.9	4.86	7.0	SR13	9/20/2017 15:55	30.50	68.5	4.96	7.3	SR13	9/20/2017 21:55	29.91	66.0	4.79	7.1
SR13	9/20/2017 4:00	29.58	68.9	5.00	6.0	SR13	9/20/2017 10:00	29.73	68.1	4.95	7.3	SR13	9/20/2017 16:00	30.47	67.5	4.88	7.3	SR13	9/20/2017 22:00	29.89	66.4	4.82	7.7
SR13	9/20/2017 4:05	29.59	67.6	4.91	6.2	SR13	9/20/2017 10:05	29.68	67.2	4.89	6.9	SR13	9/20/2017 16:05	30.34	68.2	4.93	6.5	SR13	9/20/2017 22:05	29.87	66.2	4.81	7.4
SR13	9/20/2017 4:10	29.59	68.3	4.95	6.1	SR13	9/20/2017 10:10	29.63	67.1	4.88	6.7	SR13	9/20/2017 16:10	30.18	68.1	4.93	7.0	SR13	9/20/2017 22:10	29.86	66.2	4.80	7.6
SR13	9/20/2017 4:15	29.58	68.9	5.00	5.5	SR13	9/20/2017 10:15	29.71	66.9	4.86	7.3	SR13	9/20/2017 16:15	30.05	67.5	4.89	6.7	SR13	9/20/2017 22:15	29.84	65.6	4.76	7.4
SR13	9/20/2017 4:20	29.55	68.9	5.00	5.7	SR13	9/20/2017 10:20	29.67	67.7	4.91	7.3	SR13	9/20/2017 16:20	30.13	69.9	5.07	6.6	SR13	9/20/2017 22:20	29.84	66.7	4.84	7.6
SR13	9/20/2017 4:25	29.57	68.7	4.98	6.7	SR13	9/20/2017 10:25	29.67	68.3	4.96	6.3	SR13	9/20/2017 16:25	30.21	69.0	5.00	6.9	SR13	9/20/2017 22:25	29.82	66.3	4.81	7.2
SR13	9/20/2017 4:30	29.59	69.1	5.01	7.6	SR13	9/20/2017 10:30	29.61	68.1	4.95	6.8	SR13	9/20/2017 16:30	30.21	69.6	5.04	6.9	SR13	9/20/2017 22:30	29.81	66.9	4.86	6.6
SR13	9/20/2017 4:35	29.59	67.9	4.92	6.9	SR13	9/20/2017 10:35	29.60	67.5	4.90	7.2	SR13	9/20/2017 16:35	30.12	69.1	5.01	6.7	SR13	9/20/2017 22:35	29.80	66.6	4.83	7.5
SR13	9/20/2017 4:40	29.57	68.1	4.94	6.7	SR13	9/20/2017 10:40	29.61	66.9	4.85	6.6	SR13	9/20/2017 16:40	30.11	68.0	4.92	6.8	SR13	9/20/2017 22:40	29.80	65.3	4.74	7.7
SR13	9/20/2017 4:45	29.55	67.7	4.91	5.7	SR13	9/20/2017 10:45	29.59	67.2	4.88	6.7	SR13	9/20/2017 16:45	30.38	68.7	4.97	7.4	SR13	9/20/2017 22:45	29.79	66.7	4.84	7.5
SR13	9/20/2017 4:50	29.54	67.3	4.89	5.5	SR13	9/20/2017 10:50	29.58	66.9	4.86	6.4	SR13	9/20/2017 16:50	30.35	66.9	4.84	6.5	SR13	9/20/2017 22:50	29.77	65.8	4.78	7.2
SR13	9/20/2017 4:55	29.58	68.3	4.95	6.6	SR13	9/20/2017 10:55	29.64	67.7	4.92	7.3	SR13	9/20/2017 16:55	30.15	66.8	4.83	6.3	SR13	9/20/2017 22:55	29.77	67.3	4.88	7.1
SR13	9/20/2017 5:00	29.55	68.0	4.93	6.0	SR13	9/20/2017 11:00	29.69	68.0	4.94	7.0	SR13	9/20/2017 17:00	30.11	67.0	4.84	6.8	SR13	9/20/2017 23:00	29.76	67.0	4.86	7.5
SR13	9/20/2017 5:05	29.54	67.4	4.88	6.2	SR13	9/20/2017 11:05	29.67	67.7	4.91	6.7	SR13	9/20/2017 17:05	30.10	67.0	4.84	7.4	SR13	9/20/2017 23:05	29.74	67.4	4.89	7.4
SR13	9/20/2017 5:10	29.48	68.8	4.99	6.5	SR13	9/20/2017 11:10	29.68	67.6	4.91	7.0	SR13	9/20/2017 17:10	30.27	66.5	4.81	7.4	SR13	9/20/2017 23:10	29.71	66.5	4.83	7.0
SR13	9/20/2017 5:15	29.44	68.1	4.94	6.7	SR13	9/20/2017 11:15	29.69	68.5	4.97	6.5	SR13	9/20/2017 17:15	30.34	66.7	4.82	7.3	SR13	9/20/2017 23:15	29.68	66.9	4.86	6.9
SR13	9/20/2017 5:20	29.40	67.7	4.91	5.9	SR13	9/20/2017 11:20	29.85	67.5	4.90	7.2	SR13	9/20/2017 17:20	30.34	66.3	4.80	6.2	SR13	9/20/2017 23:20	29.67	66.3	4.82	7.4
SR13	9/20/2017 5:25	29.42	67.3	4.88	6.3	SR13	9/20/2017 11:25	30.02	68.9	5.00	6.9	SR13	9/20/2017 17:25	30.37	67.1	4.86	7.1	SR13	9/20/2017 23:25	29.64	66.1	4.80	7.0
SR13	9/20/2017 5:30	29.38	68.1	4.94	5.9	SR13	9/20/2017 11:30	29.99	68.8	5.00	6.8	SR13	9/20/2017 17:30	30.33	66.9	4.84	6.8	SR13	9/20/2017 23:30	29.65	66.2	4.80	7.4
SR13	9/20/2017 5:35	29.37	66.3	4.81	6.3	SR13	9/20/2017 11:35	29.97	68.5	4.97	6.8	SR13	9/20/2017 17:35	30.35	66.3	4.79	7.2	SR13	9/20/2017 23:35	29.65	67.4	4.89	6.3
SR13	9/20/2017 5:40	29.38	67.1	4.87	6.3	SR13	9/20/2017 11:40	29.87	69.1	5.02	6.8	SR13	9/20/2017 17:40	30.32	66.5	4.81	7.1	SR13	9/20/2017 23:40	29.63	67.3	4.89	7.2
SR13	9/20/2017 5:45	29.39	66.5	4.83	6.7	SR13	9/20/2017 11:45	29.89	69.6	5.05	7.1	SR13	9/20/2017 17:45	30.27	65.8	4.76	6.5	SR13	9/20/2017 23:45	29.61	66.5	4.83	7.2
SR13	9/20/2017 5:50	29.50	66.8	4.85	6.8	SR13	9/20/2017 11:50	30.08	68.4	4.96	6.4	SR13	9/20/2017 17:50	30.27	66.3	4.79	7.2	SR13	9/20/2017 23:50	29.59	67.2	4.88	6.4
SR13	9/20/2017 5:55	29.42	65.8	4.78	6.4	SR13	9/20/2017 11:55	29.94	68.5	4.97	6.6	SR13	9/20/2017 17:55	30.26	65.9	4.76	7.1	SR13	9/20/2017 23:55	29.57	67.5	4.90	7.3

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	9/20/2017 0:17	0.03				SR12	9/20/2017 0:17	0.07			
SR4	9/20/2017 0:37	0.04				SR12	9/20/2017 0:37	0.08			
SR4	9/20/2017 0:57	0.03				SR12	9/20/2017 0:57	0.08			
SR4	9/20/2017 1:17	0.05				SR12	9/20/2017 1:17	0.08			
SR4	9/20/2017 1:37	0.05				SR12	9/20/2017 1:37	0.06			
SR4	9/20/2017 1:57	0.04				SR12	9/20/2017 1:57	0.06			
SR4	9/20/2017 2:17	0.07				SR12	9/20/2017 2:17	0.07			
SR4	9/20/2017 2:37	0.07				SR12	9/20/2017 2:37	0.07			
SR4	9/20/2017 2:57	0.08				SR12	9/20/2017 2:57	0.08			
SR4	9/20/2017 3:17	0.07				SR12	9/20/2017 3:17	0.09			
SR4	9/20/2017 3:37	0.08				SR12	9/20/2017 3:37	0.07			
SR4	9/20/2017 3:57	0.08				SR12	9/20/2017 3:57	0.08			
SR4	9/20/2017 4:17	0.07				SR12	9/20/2017 4:17	0.07			
SR4	9/20/2017 4:37	0.06				SR12	9/20/2017 4:37	0.06			
SR4	9/20/2017 4:57	0.05				SR12	9/20/2017 4:57	0.08			
SR4	9/20/2017 5:17	0.07				SR12	9/20/2017 5:17	0.08			
SR4	9/20/2017 5:37	0.05				SR12	9/20/2017 5:37	0.07			
SR4	9/20/2017 5:57	0.07				SR12	9/20/2017 5:57	0.07			
SR4						SR12					
SR4	9/20/2017 6:37	0.07				SR12	9/20/2017 6:37	0.08			
SR4	9/20/2017 6:57	0.07				SR12	9/20/2017 6:57	0.07			
SR4	9/20/2017 7:17	0.05				SR12	9/20/2017 7:17	0.08			
SR4	9/20/2017 7:37	0.06				SR12	9/20/2017 7:37	0.07			
SR4	9/20/2017 7:57	0.08				SR12	9/20/2017 7:57	0.06			
SR4	9/20/2017 8:17	0.08				SR12	9/20/2017 8:17	0.06			
SR4	9/20/2017 8:37	0.08				SR12	9/20/2017 8:37	0.06			
SR4	9/20/2017 8:57	0.08				SR12	9/20/2017 8:57	0.05			
SR4	9/20/2017 9:17	0.06				SR12	9/20/2017 9:17	0.08			
SR4	9/20/2017 9:37	0.08				SR12	9/20/2017 9:37	0.08			
SR4	9/20/2017 9:57	0.07				SR12	9/20/2017 9:57	0.08			
SR4	9/20/2017 10:17	0.08				SR12	9/20/2017 10:17	0.07			
SR4	9/20/2017 10:37	0.07				SR12	9/20/2017 10:37	0.07			
SR4	9/20/2017 10:57	0.08				SR12	9/20/2017 10:57	0.06			
SR4	9/20/2017 11:17	0.06				SR12	9/20/2017 11:17	0.06			
SR4	9/20/2017 11:37	0.06				SR12	9/20/2017 11:37	0.08			
SR4	9/20/2017 11:57	0.06				SR12	9/20/2017 11:57	0.06			
SR4	9/20/2017 12:17	0.07				SR12	9/20/2017 12:17	0.07			
SR4	9/20/2017 12:37	0.07				SR12	9/20/2017 12:37	0.06			
SR4	9/20/2017 12:57	0.08				SR12	9/20/2017 12:57	0.07			
SR4	9/20/2017 13:17	0.08				SR12	9/20/2017 13:17	0.06			
SR4	9/20/2017 13:37	0.07				SR12	9/20/2017 13:37	0.06			
SR4	9/20/2017 13:57	0.08				SR12	9/20/2017 13:57	0.07			
SR4	9/20/2017 14:17	0.08				SR12	9/20/2017 14:17	0.08			
SR4	9/20/2017 14:37	0.07				SR12	9/20/2017 14:37	0.09			
SR4	9/20/2017 14:57	0.07				SR12	9/20/2017 14:57	0.08			
SR4	9/20/2017 15:17	0.08				SR12	9/20/2017 15:17	0.06			
SR4	9/20/2017 15:37	0.08				SR12	9/20/2017 15:37	0.07			
SR4	9/20/2017 15:57	0.08				SR12	9/20/2017 15:57	0.09			
SR4	9/20/2017 16:17	0.07				SR12	9/20/2017 16:17	0.09			
SR4	9/20/2017 16:37	0.08				SR12	9/20/2017 16:37	0.08			
SR4	9/20/2017 16:57	0.08				SR12	9/20/2017 16:57	0.08			
SR4	9/20/2017 17:17	0.08				SR12	9/20/2017 17:17	0.09			
SR4	9/20/2017 17:37	0.07				SR12	9/20/2017 17:37	0.07			
SR4	9/20/2017 17:57	0.07				SR12	9/20/2017 17:57	0.07			
SR4	9/20/2017 18:17	0.06				SR12	9/20/2017 18:17	0.08			
SR4	9/20/2017 18:37	0.05				SR12	9/20/2017 18:37	0.09			
SR4	9/20/2017 18:57	0.06				SR12	9/20/2017 18:57	0.08			
SR4	9/20/2017 19:17	0.06				SR12	9/20/2017 19:17	0.07			
SR4	9/20/2017 19:37	0.05				SR12	9/20/2017 19:37	0.07			
SR4	9/20/2017 19:57	0.07				SR12	9/20/2017 19:57	0.08			
SR4	9/20/2017 20:17	0.08				SR12	9/20/2017 20:17	0.06			
SR4	9/20/2017 20:37	0.06				SR12	9/20/2017 20:37	0.06			
SR4	9/20/2017 20:57	0.06				SR12	9/20/2017 20:57	0.08			
SR4	9/20/2017 21:17	0.05				SR12	9/20/2017 21:17	0.07			
SR4	9/20/2017 21:37	0.06				SR12	9/20/2017 21:37	0.07			
SR4	9/20/2017 21:57	0.06				SR12	9/20/2017 21:57	0.09			
SR4	9/20/2017 22:17	0.07				SR12	9/20/2017 22:17	0.08			
SR4	9/20/2017 22:37	0.08				SR12	9/20/2017 22:37	0.08			
SR4	9/20/2017 22:57	0.07				SR12	9/20/2017 22:57	0.08			
SR4	9/20/2017 23:17	0.06				SR12	9/20/2017 23:17	0.08			
SR4	9/20/2017 23:37	0.07				SR12	9/20/2017 23:37	0.06			
SR4	9/20/2017 23:57	0.05				SR12	9/20/2017 23:57	0.06			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.
SR13 monitoring station was under maintenance during 15:20-15:40.

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR4	9/21/2017 0:01	29.74	77.0	5.82	**10.8**	SR4	9/21/2017 6:01	29.72	67.0	5.05	8.7	SR4	9/21/2017 12:01	30.14	75.2	5.65	4.1	SR4	9/21/2017 18:01	30.11	71.7	5.34	3.8
SR4	9/21/2017 0:06	29.59	76.4	5.77	7.7	SR4	9/21/2017 6:06	29.77	67.9	5.12	6.8	SR4	9/21/2017 12:06	30.10	75.1	5.64	8.4	SR4	9/21/2017 18:06	29.97	70.5	5.26	7.0
SR4	9/21/2017 0:11	29.70	75.5	5.71	**11.0**	SR4	9/21/2017 6:11	29.73	67.1	5.05	6.8	SR4	9/21/2017 12:11	30.12	75.3	5.66	8.7	SR4	9/21/2017 18:11	30.16	69.9	5.21	5.1
SR4	9/21/2017 0:16	29.64	73.2	5.52	8.2	SR4	9/21/2017 6:16	29.74	66.7	5.03	**10.6**	SR4	9/21/2017 12:16	30.01	73.8	5.54	4.6	SR4	9/21/2017 18:16	30.18	70.8	5.28	6.5
SR4	9/21/2017 0:21	29.58	72.7	5.48	6.7	SR4	9/21/2017 6:21	29.72	68.1	5.13	8.5	SR4	9/21/2017 12:21	30.17	75.1	5.61	8.0	SR4	9/21/2017 18:21	30.04	69.8	5.21	7.1
SR4	9/21/2017 0:26	29.68	72.6	5.47	4.9	SR4	9/21/2017 6:26	29.64	67.5	5.09	3.5	SR4	9/21/2017 12:26	30.33	75.3	5.61	8.8	SR4	9/21/2017 18:26	30.04	69.9	5.22	2.3
SR4	9/21/2017 0:31	29.63	71.9	5.41	7.6	SR4	9/21/2017 6:31	29.82	67.1	5.06	7.5	SR4	9/21/2017 12:31	30.14	75.4	5.62	7.0	SR4	9/21/2017 18:31	30.08	70.0	5.22	4.8
SR4	9/21/2017 0:36	29.73	72.0	5.42	8.0	SR4	9/21/2017 6:36	29.71	67.5	5.09	4.6	SR4	9/21/2017 12:36	30.05	75.7	5.63	7.3	SR4	9/21/2017 18:36	29.97	70.1	5.23	3.2
SR4	9/21/2017 0:41	29.74	71.6	5.39	5.6	SR4	9/21/2017 6:41	29.79	67.5	5.09	6.7	SR4	9/21/2017 12:41	30.05	78.1	5.79	8.8	SR4	9/21/2017 18:41	30.03	70.4	5.26	6.2
SR4	9/21/2017 0:46	29.80	71.9	5.41	6.2	SR4	9/21/2017 6:46	29.88	66.9	5.04	8.8	SR4	9/21/2017 12:46	30.11	77.3	5.72	4.7	SR4	9/21/2017 18:46	29.88	69.8	5.21	4.1
SR4	9/21/2017 0:51	29.72	72.6	5.47	5.9	SR4	9/21/2017 6:51	29.76	66.7	5.03	8.4	SR4	9/21/2017 12:51	30.01	74.4	5.55	8.0	SR4	9/21/2017 18:51	29.88	71.8	5.36	2.7
SR4	9/21/2017 0:56	29.72	72.5	5.47	5.6	SR4	9/21/2017 6:56	29.80	66.3	5.00	5.6	SR4	9/21/2017 12:56	30.05	78.5	5.81	4.6	SR4	9/21/2017 18:56	30.07	70.0	5.23	4.1
SR4	9/21/2017 1:01	29.85	74.9	5.65	7.5	SR4	9/21/2017 7:01	29.73	66.7	5.03	8.9	SR4	9/21/2017 13:01	30.02	78.2	5.81	2.7	SR4	9/21/2017 19:01	30.03	70.6	5.27	2.9
SR4	9/21/2017 1:06	29.80	74.8	5.64	8.1	SR4	9/21/2017 7:06	29.83	66.8	5.04	9.0	SR4	9/21/2017 13:06	30.15	77.8	5.77	8.7	SR4	9/21/2017 19:06	30.03	69.2	5.17	6.3
SR4	9/21/2017 1:11	29.67	73.9	5.57	8.5	SR4	9/21/2017 7:11	29.82	67.7	5.11	2.5	SR4	9/21/2017 13:11	30.06	77.2	5.76	5.4	SR4	9/21/2017 19:11	30.08	68.2	5.09	7.9
SR4	9/21/2017 1:16	29.82	73.5	5.54	**10.9**	SR4	9/21/2017 7:16	29.87	68.2	5.14	4.1	SR4	9/21/2017 13:16	30.08	78.6	5.87	5.0	SR4	9/21/2017 19:16	29.97	68.0	5.08	2.0
SR4	9/21/2017 1:21	29.62	75.2	5.67	**11.0**	SR4	9/21/2017 7:21	29.83	70.0	5.27	6.8	SR4	9/21/2017 13:21	30.12	77.1	5.78	3.0	SR4	9/21/2017 19:21	30.13	68.2	5.09	2.5
SR4	9/21/2017 1:26	29.68	74.7	5.64	**10.2**	SR4	9/21/2017 7:26	29.74	70.6	5.32	3.9	SR4	9/21/2017 13:26	30.19	77.3	5.77	8.1	SR4	9/21/2017 19:26	30.00	69.5	5.19	6.6
SR4	9/21/2017 1:31	29.63	74.9	5.66	**10.9**	SR4	9/21/2017 7:31	29.86	70.7	5.33	3.4	SR4	9/21/2017 13:31	30.06	75.2	5.64	7.5	SR4	9/21/2017 19:31	30.00	70.9	5.30	5.1
SR4	9/21/2017 1:36	29.77	74.4	5.62	6.6	SR4	9/21/2017 7:36	29.81	70.0	5.28	5.1	SR4	9/21/2017 13:36	29.92	74.1	5.56	3.0	SR4	9/21/2017 19:36	30.07	70.0	5.23	6.9
SR4	9/21/2017 1:41	29.73	74.1	5.59	8.1	SR4	9/21/2017 7:41	29.78	69.8	5.27	8.0	SR4	9/21/2017 13:41	29.91	75.1	5.63	6.1	SR4	9/21/2017 19:41	29.97	70.5	5.27	3.0
SR4	9/21/2017 1:46	29.82	74.5	5.62	7.4	SR4	9/21/2017 7:46	29.71	70.2	5.29	7.0	SR4	9/21/2017 13:46	29.88	73.6	5.53	8.6	SR4	9/21/2017 19:46	30.08	70.5	5.27	7.8
SR4	9/21/2017 1:51	29.81	74.7	5.63	5.7	SR4	9/21/2017 7:51	29.71	70.7	5.34	5.4	SR4	9/21/2017 13:51	30.18	74.2	5.57	2.7	SR4	9/21/2017 19:51	29.99	70.7	5.29	7.3
SR4	9/21/2017 1:56	29.78	75.3	5.68	7.2	SR4	9/21/2017 7:56	29.74	72.0	5.43	7.5	SR4	9/21/2017 13:56	30.04	75.7	5.66	2.8	SR4	9/21/2017 19:56	29.94	70.8	5.30	2.1
SR4	9/21/2017 2:01	29.70	78.3	5.91	5.1	SR4	9/21/2017 8:01	29.61	71.1	5.36	4.1	SR4	9/21/2017 14:01	30.13	74.3	5.56	7.0	SR4	9/21/2017 20:01	30.07	72.1	5.39	6.4
SR4	9/21/2017 2:06	29.77	78.4	5.92	**10.9**	SR4	9/21/2017 8:06	29.72	71.2	5.37	6.5	SR4	9/21/2017 14:06	29.95	75.1	5.62	8.2	SR4	9/21/2017 20:06	30.12	72.1	5.39	3.9
SR4	9/21/2017 2:11	29.69	79.7	6.02	**10.7**	SR4	9/21/2017 8:11	29.60	71.7	5.41	3.6	SR4	9/21/2017 14:11	29.92	75.3	5.64	7.1	SR4	9/21/2017 20:11	30.13	77.5	5.81	2.6
SR4	9/21/2017 2:16	29.79	80.6	6.08	**25.3**	SR4	9/21/2017 8:16	29.60	71.7	5.41	6.9	SR4	9/21/2017 14:16	29.96	73.4	5.51	4.4	SR4	9/21/2017 20:16	30.02	74.8	5.61	6.0
SR4	9/21/2017 2:21	29.86	79.3	5.99	**10.0**	SR4	9/21/2017 8:21	29.68	72.1	5.44	6.6	SR4	9/21/2017 14:21	30.10	72.8	5.47	2.8	SR4	9/21/2017 20:21	29.98	76.5	5.73	3.0
SR4	9/21/2017 2:26	29.76	85.4	6.45	7.9	SR4	9/21/2017 8:26	29.82	72.5	5.47	5.3	SR4	9/21/2017 14:26	29.97	72.8	5.46	7.8	SR4	9/21/2017 20:26	30.11	74.5	5.58	5.0
SR4	9/21/2017 2:31	29.78	90.4	6.82	4.8	SR4	9/21/2017 8:31	29.77	72.4	5.46	5.5	SR4	9/21/2017 14:31	30.16	72.4	5.44	3.2	SR4	9/21/2017 20:31	29.90	71.8	5.38	4.5
SR4	9/21/2017 2:36	29.79	90.7	6.85	**10.2**	SR4	9/21/2017 8:36	29.71	73.4	5.54	6.4	SR4	9/21/2017 14:36	30.30	71.8	5.40	8.3	SR4	9/21/2017 20:36	30.07	73.1	5.47	7.8
SR4	9/21/2017 2:41	29.79	95.7	7.22	**10.6**	SR4	9/21/2017 8:41	29.91	74.1	5.59	5.3	SR4	9/21/2017 14:41	30.30	72.9	5.48	8.1	SR4	9/21/2017 20:41	30.06	74.1	5.55	4.4
SR4	9/21/2017 2:46	29.76	96.6	7.29	7.3	SR4	9/21/2017 8:46	29.75	74.5	5.63	5.0	SR4	9/21/2017 14:46	30.24	72.4	5.45	7.7	SR4	9/21/2017 20:46	30.04	74.3	5.58	7.4
SR4	9/21/2017 2:51	29.80	97.3	7.34	9.4	SR4	9/21/2017 8:51	29.87	74.1	5.60	6.9	SR4	9/21/2017 14:51	30.11	72.4	5.44	8.6	SR4	9/21/2017 20:51	29.89	72.8	5.46	3.8
SR4	9/21/2017 2:56	29.75	97.7	7.38	8.6	SR4	9/21/2017 8:56	29.78	74.1	5.60	6.5	SR4	9/21/2017 14:56	30.14	71.3	5.36	4.2	SR4	9/21/2017 20:56	29.91	73.5	5.52	3.3
SR4	9/21/2017 3:01	29.67	99.0	7.48	**10.5**	SR4	9/21/2017 9:01	29.78	74.1	5.60	8.4	SR4	9/21/2017 15:01	30.25	71.2	5.35	8.9	SR4	9/21/2017 21:01	29.97	73.8	5.54	7.3
SR4	9/21/2017 3:06	29.64	97.8	7.38	7.0	SR4	9/21/2017 9:06	29.85	73.9	5.58	7.1	SR4	9/21/2017 15:06	30.19	70.3	5.28	5.4	SR4	9/21/2017 21:06	29.99	73.8	5.54	2.1
SR4	9/21/2017 3:11	29.62	100.3	7.58	5.0	SR4	9/21/2017 9:11	29.75	74.2	5.61	5.1	SR4	9/21/2017 15:11	30.33	72.5	5.44	8.2	SR4	9/21/2017 21:11	30.03	72.6	5.45	2.4
SR4	9/21/2017 3:16	29.78	98.6	7.46	5.2	SR4	9/21/2017 9:16	29.72	73.4	5.55	6.2	SR4	9/21/2017 15:16	30.15	73.1	5.49	6.5	SR4	9/21/2017 21:16	29.88	72.6	5.45	6.1
SR4	9/21/2017 3:21	29.79	100.2	7.60	7.0	SR4	9/21/2017 9:21	29.70	72.9	5.51	6.2	SR4	9/21/2017 15:21	30.31	72.9	5.47	8.3	SR4	9/21/2017 21:21	30.02	73.0	5.49	5.8
SR4	9/21/2017 3:26	29.86	100.1	7.61	7.0	SR4	9/21/2017 9:26	29.74	73.0	5.52	7.9	SR4	9/21/2017 15:26	30.13	73.3	5.49	8.1	SR4	9/21/2017 21:26	29.89	73.6	5.53	7.0
SR4	9/21/2017 3:31	29.87	100.1	7.61	5.4	SR4	9/21/2017 9:31	29.77	72.7	5.50	6.2	SR4	9/21/2017 15:31	30.22	72.8	5.45	9.0	SR4	9/21/2017 21:31	29.86	75.8	5.69	7.1
SR4	9/21/2017 3:36	29.71	100.2	7.63	7.0	SR4	9/21/2017 9:36	29.82	72.4	5.47	5.3	SR4	9/21/2017 15:36	30.11	71.6	5.36	6.3	SR4	9/21/2017 21:36	29.83	73.2	5.50	7.4
SR4	9/21/2017 3:41	29.70	100.2	7.64	4.7	SR4	9/21/2017 9:41	29.85	72.4	5.47	7.2	SR4	9/21/2017 15:41	30.10	71.4	5.34	8.7	SR4	9/21/2017 21:41	29.91	72.6	5.46	2.2
SR4	9/21/2017 3:46	29.71	100.4	7.65	6.2	SR4	9/21/2017 9:46	29.69	72.6	5.49	8.3	SR4	9/21/2017 15:46	30.23	70.9	5.31	8.5	SR4	9/21/2017 21:46	29.85	74.4	5.59	6.9
SR4	9/21/2017 3:51	29.79	100.2	7.64	6.9	SR4	9/21/2017 9:51	29.84	72.8	5.50	5.9	SR4	9/21/2017 15:51	30.16	70.7	5.30	8.9	SR4	9/21/2017 21:51	29.86	75.4	5.68	5.0
SR4	9/21/2017 3:56	29.79	100.3	7.66	9.9	SR4	9/21/2017 9:56	29.79	72.5	5.48	5.7	SR4	9/21/2017 15:56	30.26	71.4	5.35	7.3	SR4	9/21/2017 21:56	29.93	72.6	5.47	6.0
SR4	9/21/2017 4:01	29.90	100.2	7.66	6.5	SR4	9/21/2017 10:01	29.87	73.3	5.53	6.6	SR4	9/21/2017 16:01	30.15	70.8	5.30	3.3	SR4	9/21/2017 22:01	29.91	73.8	5.56	5.0
SR4	9/21/2017 4:06	29.84	100.2	7.67	8.4	SR4	9/21/2017 10:06	29.69	73.2	5.53	4.0	SR4	9/21/2017 16:06	30.21	71.3	5.33	8.4	SR4	9/21/2017 22:06	29.93	72.6	5.46	6.7
SR4	9/21/2017 4:11	29.89	100.3	7.68	**10.2**	SR4	9/21/2017 10:11	29.72	73.7	5.56	8.6	SR4	9/21/2017 16:11	30.02	71.7	5.35	3.0	SR4	9/21/2017 22:11	29.93	72.9	5.49	2.8
SR4	9/21/2017 4:16	29.74	100.3	7.68	8.6	SR4	9/21/2017 10:16	29.99	74.3	5.61	9.0	SR4	9/21/2017 16:16	30.15	72.9	5.44	6.5	SR4	9/21/2017 22:16	29.95	72.9	5.49	7.5
SR4	9/21/2017 4:21	29.76	100.2	7.68	6.1	SR4	9/21/2017 10:21	29.91	75.1	5.67	6.4	SR4	9/21/2017 16:21	30.03	71.8	5.37	7.0	SR4	9/21/2017 22:21	29.82	73.4	5.53	6.2
SR4	9/21/2017 4:26	29.92	100.3	7.68	8.2	SR4	9/21/2017 10:26	29.89	75.0	5.66	6.1	SR4	9/21/2017 16:26	30.08	71.9	5.37	8.5	SR4	9/21/2017 22:26	29.95	73.6	5.55	3.5
SR4	9/21/2017 4:31	29.86	100.3	7.68	**10.5**	SR4	9/21/2017 10:31	30.04	74.3	5.62	7.0	SR4	9/21/2017 16:31	30.18	71.3	5.33	7.8	SR4	9/21/2017 22:31	29.77	73.8	5.56	3.0
SR4	9/21/2017 4:36	29.82	100.2	7.68	9.3	SR4	9/21/2017 10:36	29.98	74.7	5.64	8.2	SR4	9/21/2017 16:36	30.25	70.4	5.27	7.3	SR4	9/21/2017 22:36	29.78	73.6	5.55	4.8
SR4	9/21/2017 4:41	29.75	100.3	7.69	6.6	SR4	9/21/2017 10:41	30.12	74.9	5.66	3.3	SR4	9/21/2017 16:41	30.21	70.7	5.29	7.1	SR4	9/21/2017 22:41	29.86	73.8	5.56	4.3
SR4	9/21/2017 4:46	29.76	100.2	7.68	5.9	SR4	9/21/2017 10:46	30.10	74.9	5.66	3.3	SR4	9/21/2017 16:46	30.16	70.8	5.29	8.5	SR4	9/21/2017 22:46	29.84	73.9	5.57	2.2
SR4	9/21/2017 4:51	29.73	100.3	7.69	7.7	SR4	9/21/2017 10:51	29.94	75.8	5.72	6.8	SR4	9/21/2017 16:51	30.15	69.6	5.20	6.2	SR4	9/21/2017 22:51	29.86	73.7	5.56	2.3
SR4	9/21/2017 4:56	29.76	100.4	7.69	9.1	SR4	9/21/2017 10:56	29.78	75.9	5.73	7.2	SR4	9/21/2017 16:56	30.23	69.5	5.20	3.8	SR4	9/21/2017 22:56	29.90	74.4	5.61	2.3
SR4	9/21/2017 5:01	29.82	100.3	7.68	4.7	SR4	9/21/2017 11:01	29.88	76.7	5.79	3.0	SR4	9/21/2017 17:01	30.14	70.3	5.26	9.0	SR4	9/21/2017 23:01	29.82	74.3	5.60	6.6
SR4	9/21/2017 5:06	29.71	100.1	7.63	6.1	SR4	9/21/2017 11:06	29.82	76.9	5.80	4.4	SR4	9/21/2017 17:06	30.16	69.8	5.22	7.1	SR4	9/21/2017 23:06	29.87	74.9	5.65	6.6
SR4	9/21/2017 5:11	29.73	100.6	7.65	7.3	SR4	9/21/2017 11:11	29.81	77.7	5.85	6.0	SR4	9/21/2017 17:11	30.28	70.0	5.24	3.2	SR4	9/21/2017 23:11	29.75	74.7	5.63	5.4
SR4	9/21/2017 5:16	29.81	95.3	7.21	6.7	SR4	9/21/2017 11:16	29.80	77.6	5.85	5.7	SR4	9/21/2017 17:16	30.21	70.8	5.30	6.9	SR4	9/21/2017 23:16	29.85	74.8	5.64	7.8
SR4	9/21/2017 5:21	29.79	94.8	7.16	7.0	SR4	9/21/2017 11:21	29.97	77.4	5.83	7.9	SR4	9/21/2017 17:21	30.25	71.1	5.32	4.2	SR4	9/21/2017 23:21	29.93	74.6	5.62	5.2
SR4	9/21/2017 5:26	29.74	88.3	6.66	7.6	SR4	9/21/2017 11:26	29.94	76.2	5.75	2.9	SR4	9/21/2017 17:26	30.26	75.2	5.63	7.4	SR4	9/21/2017 23:26	29.88	74.7	5.63	4.7
SR4	9/21/2017 5:31	29.78	85.9	6.48	**10.8**	SR4	9/21/2017 11:31	30.01	77.0	5.81	5.2	SR4	9/21/2017 17:31	30.27	72.4	5.42	6.8	SR4	9/21/2017 23:31	29.80	74.9	5.65	4.0
SR4	9/21/2017 5:36	29.82	75.1	5.66	7.7	SR4	9/21/2017 11:36	29.94	78.2	5.89	5.0	SR4	9/21/2017 17:36	30.10	72.9	5.45	4.2	SR4	9/21/2017 23:36	29.81	74.3	5.60	4.6
SR4	9/21/2017 5:41	29.74	72.0	5.43	6.8	SR4	9/21/2017 11:41	29.94	77.2	5.82	8.1	SR4	9/21/2017 17:41	30.19	73.6	5.50	7.4	SR4	9/21/2017 23:41	29.80	74.3	5.60	4.9
SR4	9/21/2017 5:46	29.73	70.0	5.28	4.7	SR4	9/21/2017 11:46	29.76	75.9	5.70	8.9	SR4	9/21/2017 17:46	30.13	72.6	5.41	5.9	SR4	9/21/2017 23:46	29.72	74.6	5.62	2.7
SR4	9/21/2017 5:51	29.60	68.5	5.16	7.0	SR4	9/21/2017 11:51	29.80	75.8	5.70	3.4	SR4	9/21/2017 17:51	30.21	71.9	5.36	6.6	SR4	9/21/2017 23:51	29.86	76.0	5.73	2.9
SR4	9/21/2017 5:56	29.72	67.4	5.08	6.1	SR4	9/21/2017 11:56	30.08	74.6	5.60	2.8	SR4	9/21/2017 17:56	30.01	72.3	5.39	3.9	SR4	9/21/2017 23:56	29.71	75.0	5.66	7.9

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR5	9/21/2017 0:00	29.60	75.7	5.57	4.5	SR5	9/21/2017 6:00	29.47	71.5	5.24	3.3	SR5	9/21/2017 12:00	30.16	74.3	5.45	3.0	SR5	9/21/2017 18:00	29.91	72.9	5.32	2.6
SR5	9/21/2017 0:05	29.60	74.8	5.50	6.0	SR5	9/21/2017 6:05	29.46	70.2	5.15	3.4	SR5	9/21/2017 12:05	30.08	74.3	5.44	3.1	SR5	9/21/2017 18:05	29.88	73.4	5.36	3.1
SR5	9/21/2017 0:10	29.59	74.9	5.51	5.1	SR5	9/21/2017 6:10	29.46	71.2	5.22	2.7	SR5	9/21/2017 12:10	29.91	74.5	5.46	3.9	SR5	9/21/2017 18:10	29.97	72.6	5.30	2.6
SR5	9/21/2017 0:15	29.59	73.6	5.40	6.8	SR5	9/21/2017 6:15	29.44	70.8	5.19	3.5	SR5	9/21/2017 12:15	29.87	73.8	5.41	3.0	SR5	9/21/2017 18:15	30.01	72.6	5.30	3.0
SR5	9/21/2017 0:20	29.59	74.0	5.43	4.5	SR5	9/21/2017 6:20	29.44	71.7	5.25	3.0	SR5	9/21/2017 12:20	29.92	75.7	5.53	2.9	SR5	9/21/2017 18:20	29.99	71.3	5.21	3.0
SR5	9/21/2017 0:25	29.59	74.1	5.43	5.9	SR5	9/21/2017 6:25	29.44	71.6	5.25	2.7	SR5	9/21/2017 12:25	30.11	73.9	5.40	3.5	SR5	9/21/2017 18:25	29.95	71.8	5.24	2.0
SR5	9/21/2017 0:30	29.58	73.8	5.41	4.1	SR5	9/21/2017 6:30	29.53	71.4	5.24	2.9	SR5	9/21/2017 12:30	30.07	74.5	5.44	3.2	SR5	9/21/2017 18:30	29.91	71.7	5.23	2.5
SR5	9/21/2017 0:35	29.60	73.4	5.38	6.3	SR5	9/21/2017 6:35	29.62	71.5	5.24	2.8	SR5	9/21/2017 12:35	30.00	75.3	5.49	3.2	SR5	9/21/2017 18:35	29.87	71.8	5.24	2.5
SR5	9/21/2017 0:40	29.61	73.6	5.39	5.3	SR5	9/21/2017 6:40	29.68	71.7	5.26	3.5	SR5	9/21/2017 12:40	29.98	75.9	5.53	3.0	SR5	9/21/2017 18:40	29.83	71.5	5.22	3.0
SR5	9/21/2017 0:45	29.61	73.6	5.39	5.0	SR5	9/21/2017 6:45	29.70	69.9	**5.12**	3.4	SR5	9/21/2017 12:45	29.89	75.1	5.47	3.3	SR5	9/21/2017 18:45	29.81	71.9	5.25	2.7
SR5	9/21/2017 0:50	29.62	73.6	5.40	5.9	SR5	9/21/2017 6:50	29.69	70.3	5.16	3.6	SR5	9/21/2017 12:50	29.81	74.1	5.41	3.5	SR5	9/21/2017 18:50	29.81	72.3	5.28	2.3
SR5	9/21/2017 0:55	29.64	73.9	5.43	3.6	SR5	9/21/2017 6:55	29.68	70.1	5.14	3.2	SR5	9/21/2017 12:55	30.09	76.4	5.56	3.2	SR5	9/21/2017 18:55	29.85	72.2	5.27	2.3
SR5	9/21/2017 1:00	29.64	74.2	5.45	4.7	SR5	9/21/2017 7:00	29.72	70.5	5.17	3.6	SR5	9/21/2017 13:00	30.23	76.1	5.55	2.9	SR5	9/21/2017 19:00	29.89	73.3	5.35	2.0
SR5	9/21/2017 1:05	29.63	75.4	5.53	4.3	SR5	9/21/2017 7:05	29.72	70.2	5.15	3.6	SR5	9/21/2017 13:05	30.16	76.2	5.55	3.4	SR5	9/21/2017 19:05	29.90	71.8	5.24	2.9
SR5	9/21/2017 1:10	29.62	74.8	5.49	5.2	SR5	9/21/2017 7:10	29.73	71.9	5.27	1.9	SR5	9/21/2017 13:10	30.10	75.9	5.55	2.4	SR5	9/21/2017 19:10	29.92	72.3	5.27	3.8
SR5	9/21/2017 1:15	29.62	73.1	5.37	5.2	SR5	9/21/2017 7:15	29.75	71.2	5.22	2.9	SR5	9/21/2017 13:15	30.06	76.7	5.61	3.1	SR5	9/21/2017 19:15	29.93	71.3	5.20	2.5
SR5	9/21/2017 1:20	29.60	74.6	5.48	4.3	SR5	9/21/2017 7:20	29.73	71.5	5.24	2.8	SR5	9/21/2017 13:20	29.99	75.0	5.49	2.6	SR5	9/21/2017 19:20	29.92	70.7	5.16	2.9
SR5	9/21/2017 1:25	29.61	74.2	5.45	5.9	SR5	9/21/2017 7:25	29.73	73.3	5.38	3.1	SR5	9/21/2017 13:25	29.96	76.1	5.56	3.7	SR5	9/21/2017 19:25	29.90	72.6	5.30	3.9
SR5	9/21/2017 1:30	29.64	74.6	5.48	6.3	SR5	9/21/2017 7:30	29.73	73.0	5.35	2.3	SR5	9/21/2017 13:30	29.92	74.0	5.42	2.9	SR5	9/21/2017 19:30	29.89	72.4	5.29	3.2
SR5	9/21/2017 1:35	29.63	75.0	5.51	3.2	SR5	9/21/2017 7:35	29.72	72.3	5.31	2.8	SR5	9/21/2017 13:35	29.86	74.5	5.46	2.7	SR5	9/21/2017 19:35	29.89	72.8	5.32	3.5
SR5	9/21/2017 1:40	29.64	74.9	5.50	5.9	SR5	9/21/2017 7:40	29.73	71.5	5.25	3.3	SR5	9/21/2017 13:40	29.82	75.0	5.49	3.2	SR5	9/21/2017 19:40	29.89	72.9	5.32	3.4
SR5	9/21/2017 1:45	29.66	74.1	5.44	4.6	SR5	9/21/2017 7:45	29.70	72.4	5.31	2.7	SR5	9/21/2017 13:45	29.86	73.4	5.38	3.0	SR5	9/21/2017 19:45	29.91	73.4	5.36	3.8
SR5	9/21/2017 1:50	29.70	75.5	5.54	5.3	SR5	9/21/2017 7:50	29.67	72.5	5.32	2.9	SR5	9/21/2017 13:50	29.91	74.2	5.44	1.8	SR5	9/21/2017 19:50	29.91	72.0	5.26	3.5
SR5	9/21/2017 1:55	29.71	74.6	5.48	4.6	SR5	9/21/2017 7:55	29.67	72.4	5.32	2.8	SR5	9/21/2017 13:55	29.96	76.0	5.55	1.9	SR5	9/21/2017 19:55	29.90	73.2	5.35	2.5
SR5	9/21/2017 2:00	29.74	77.0	5.66	5.4	SR5	9/21/2017 8:00	29.70	72.3	5.31	2.4	SR5	9/21/2017 14:00	29.98	75.3	5.50	2.6	SR5	9/21/2017 20:00	29.92	72.5	5.30	3.7
SR5	9/21/2017 2:05	29.75	76.8	5.65	4.4	SR5	9/21/2017 8:05	29.72	73.2	5.37	3.6	SR5	9/21/2017 14:05	29.90	75.4	5.52	2.8	SR5	9/21/2017 20:05	29.93	74.2	5.42	3.2
SR5	9/21/2017 2:10	29.75	76.3	5.61	6.3	SR5	9/21/2017 8:10	29.74	73.7	5.41	2.3	SR5	9/21/2017 14:10	29.84	75.5	5.52	2.6	SR5	9/21/2017 20:10	29.93	76.6	5.61	3.4
SR5	9/21/2017 2:15	29.75	77.6	5.70	8.8	SR5	9/21/2017 8:15	29.72	73.0	5.36	3.3	SR5	9/21/2017 14:15	29.82	73.4	5.38	3.2	SR5	9/21/2017 20:15	29.93	74.9	5.48	3.6
SR5	9/21/2017 2:20	29.75	77.5	5.70	5.4	SR5	9/21/2017 8:20	29.74	73.2	5.37	2.7	SR5	9/21/2017 14:20	29.85	74.2	5.44	2.9	SR5	9/21/2017 20:20	29.92	74.9	5.48	2.9
SR5	9/21/2017 2:25	29.74	80.6	5.93	5.7	SR5	9/21/2017 8:25	29.80	73.4	5.39	2.9	SR5	9/21/2017 14:25	29.89	73.7	5.40	3.9	SR5	9/21/2017 20:25	29.91	74.4	5.44	3.3
SR5	9/21/2017 2:30	29.74	83.0	6.11	4.2	SR5	9/21/2017 8:30	29.76	72.6	5.33	2.5	SR5	9/21/2017 14:30	30.23	74.4	5.45	3.3	SR5	9/21/2017 20:30	29.90	72.8	5.33	3.0
SR5	9/21/2017 2:35	29.72	81.9	6.04	6.4	SR5	9/21/2017 8:35	29.74	73.5	5.40	3.4	SR5	9/21/2017 14:35	30.28	72.3	5.30	3.8	SR5	9/21/2017 20:35	29.90	74.4	5.44	3.9
SR5	9/21/2017 2:40	29.72	84.3	6.22	6.6	SR5	9/21/2017 8:40	29.74	75.2	5.52	3.3	SR5	9/21/2017 14:40	30.31	72.7	5.33	4.0	SR5	9/21/2017 20:40	29.89	73.6	5.39	3.4
SR5	9/21/2017 2:45	29.71	86.1	6.34	3.5	SR5	9/21/2017 8:45	29.76	74.9	5.51	3.1	SR5	9/21/2017 14:45	30.27	73.3	5.38	3.8	SR5	9/21/2017 20:45	29.89	75.2	5.51	3.6
SR5	9/21/2017 2:50	29.67	85.6	6.31	4.1	SR5	9/21/2017 8:50	29.69	73.8	5.42	2.8	SR5	9/21/2017 14:50	30.14	73.5	5.38	3.8	SR5	9/21/2017 20:50	29.86	73.2	5.36	3.4
SR5	9/21/2017 2:55	29.67	86.1	6.35	3.8	SR5	9/21/2017 8:55	29.66	74.5	5.47	2.8	SR5	9/21/2017 14:55	30.07	72.6	5.32	3.0	SR5	9/21/2017 20:55	29.85	74.2	5.43	2.8
SR5	9/21/2017 3:00	29.66	87.5	6.46	3.3	SR5	9/21/2017 9:00	29.63	74.0	5.44	3.9	SR5	9/21/2017 15:00	30.19	73.6	5.39	3.8	SR5	9/21/2017 21:00	29.84	73.3	5.37	3.3
SR5	9/21/2017 3:05	29.62	86.3	6.36	3.4	SR5	9/21/2017 9:05	29.63	74.5	5.47	3.7	SR5	9/21/2017 15:05	30.19	72.8	5.33	3.0	SR5	9/21/2017 21:05	29.83	75.1	5.50	1.8
SR5	9/21/2017 3:10	29.61	87.0	6.42	2.4	SR5	9/21/2017 9:10	29.65	73.4	5.40	2.9	SR5	9/21/2017 15:10	30.25	72.6	5.32	3.3	SR5	9/21/2017 21:10	29.82	74.1	5.43	2.3
SR5	9/21/2017 3:15	29.61	85.9	6.34	2.6	SR5	9/21/2017 9:15	29.63	74.3	5.46	3.0	SR5	9/21/2017 15:15	30.30	74.3	5.44	3.5	SR5	9/21/2017 21:15	29.80	72.9	5.34	2.7
SR5	9/21/2017 3:20	29.67	87.6	6.48	2.7	SR5	9/21/2017 9:20	29.64	73.3	5.39	3.5	SR5	9/21/2017 15:20	30.29	72.9	5.34	3.7	SR5	9/21/2017 21:20	29.80	73.7	5.40	2.6
SR5	9/21/2017 3:25	29.68	87.9	6.51	3.7	SR5						SR5	9/21/2017 15:25	30.30	74.5	5.45	3.5	SR5	9/21/2017 21:25	29.79	73.2	5.36	2.9
SR5	9/21/2017 3:30	29.67	86.8	6.43	3.1	SR5						SR5	9/21/2017 15:30	30.28	73.7	5.39	3.5	SR5	9/21/2017 21:30	29.76	75.9	5.56	3.0
SR5	9/21/2017 3:35	29.66	87.1	6.46	2.7	SR5						SR5	9/21/2017 15:35	30.25	73.5	5.37	3.1	SR5	9/21/2017 21:35	29.76	73.0	5.35	3.1
SR5	9/21/2017 3:40	29.66	87.0	6.46	2.6	SR5	9/21/2017 9:40	29.66	72.5	5.33	3.3	SR5	9/21/2017 15:40	30.22	73.3	5.36	3.6	SR5	9/21/2017 21:40	29.77	73.3	5.37	1.9
SR5	9/21/2017 3:45	29.65	87.6	6.50	3.0	SR5	9/21/2017 9:45	29.63	72.9	5.36	3.8	SR5	9/21/2017 15:45	30.19	73.3	5.36	4.0	SR5	9/21/2017 21:45	29.77	74.3	5.44	3.1
SR5	9/21/2017 3:50	29.68	87.8	6.51	3.5	SR5	9/21/2017 9:50	29.67	73.9	5.43	3.2	SR5	9/21/2017 15:50	30.16	71.9	5.26	3.6	SR5	9/21/2017 21:50	29.76	74.3	5.45	2.8
SR5	9/21/2017 3:55	29.66	86.8	6.45	4.2	SR5	9/21/2017 9:55	29.64	74.2	5.45	2.7	SR5	9/21/2017 15:55	30.16	72.5	5.30	3.4	SR5	9/21/2017 21:55	29.75	73.1	5.37	2.9
SR5	9/21/2017 4:00	29.67	88.1	6.55	3.2	SR5	9/21/2017 10:00	29.67	74.5	5.47	3.4	SR5	9/21/2017 16:00	30.15	73.4	5.36	2.6	SR5	9/21/2017 22:00	29.72	73.9	5.42	2.4
SR5	9/21/2017 4:05	29.69	87.9	6.54	3.4	SR5	9/21/2017 10:05	29.68	74.4	5.46	3.2	SR5	9/21/2017 16:05	30.11	73.3	5.36	3.5	SR5	9/21/2017 22:05	29.70	72.7	5.33	3.1
SR5	9/21/2017 4:10	29.71	87.3	6.49	4.1	SR5	9/21/2017 10:10	29.71	73.8	5.42	3.3	SR5	9/21/2017 16:10	30.09	72.3	5.28	2.6	SR5	9/21/2017 22:10	29.68	72.8	5.34	2.4
SR5	9/21/2017 4:15	29.69	88.3	6.57	3.1	SR5	9/21/2017 10:15	29.91	74.1	5.44	3.5	SR5	9/21/2017 16:15	30.08	74.6	5.44	3.3	SR5	9/21/2017 22:15	29.67	74.0	5.43	3.0
SR5	9/21/2017 4:20	29.69	87.7	6.53	3.3	SR5	9/21/2017 10:20	29.98	75.6	5.55	3.4	SR5	9/21/2017 16:20	30.08	73.2	5.35	3.3	SR5	9/21/2017 22:20	29.67	73.3	5.38	2.6
SR5	9/21/2017 4:25	29.69	87.8	6.53	3.3	SR5	9/21/2017 10:25	29.84	74.8	5.50	2.9	SR5	9/21/2017 16:25	29.92	74.1	5.41	4.2	SR5	9/21/2017 22:25	29.64	73.6	5.41	2.1
SR5	9/21/2017 4:30	29.68	88.0	6.55	3.6	SR5	9/21/2017 10:30	29.99	73.9	5.44	3.4	SR5	9/21/2017 16:30	30.03	73.3	5.36	3.5	SR5	9/21/2017 22:30	29.62	74.4	5.46	2.1
SR5	9/21/2017 4:35	29.73	87.5	6.51	3.2	SR5	9/21/2017 10:35	30.08	75.5	5.54	3.3	SR5	9/21/2017 16:35	29.99	71.6	5.24	3.3	SR5	9/21/2017 22:35	29.61	74.3	5.46	2.6
SR5	9/21/2017 4:40	29.73	86.9	6.47	3.1	SR5	9/21/2017 10:40	30.10	74.8	5.50	2.9	SR5	9/21/2017 16:40	29.98	73.5	5.37	3.0	SR5	9/21/2017 22:40	29.58	74.4	5.46	2.4
SR5	9/21/2017 4:45	29.70	88.1	6.56	3.0	SR5	9/21/2017 10:45	30.14	74.0	5.44	2.1	SR5	9/21/2017 16:45	29.89	72.1	5.27	3.6	SR5	9/21/2017 22:45	29.59	74.7	5.48	2.0
SR5	9/21/2017 4:50	29.69	86.7	6.46	3.7	SR5	9/21/2017 10:50	29.95	74.2	5.45	3.0	SR5	9/21/2017 16:50	29.90	71.6	5.23	3.2	SR5	9/21/2017 22:50	29.59	74.2	5.45	2.1
SR5	9/21/2017 4:55	29.69	87.9	6.54	3.5	SR5	9/21/2017 10:55	29.85	75.9	5.58	3.3	SR5	9/21/2017 16:55	29.88	71.2	5.21	2.8	SR5	9/21/2017 22:55	29.69	73.8	5.42	2.2
SR5	9/21/2017 5:00	29.70	86.9	6.46	2.5	SR5	9/21/2017 11:00	29.77	76.1	5.59	3.0	SR5	9/21/2017 17:00	29.88	72.0	5.26	3.8	SR5	9/21/2017 23:00	29.70	74.4	5.46	2.7
SR5	9/21/2017 5:05	29.69	86.7	6.43	3.5	SR5	9/21/2017 11:05	29.80	76.0	5.58	2.6	SR5	9/21/2017 17:05	29.91	72.8	5.32	3.5	SR5	9/21/2017 23:05	29.71	74.6	5.48	3.1
SR5	9/21/2017 5:10	29.68	86.6	6.42	2.8	SR5	9/21/2017 11:10	29.81	76.7	5.63	3.4	SR5	9/21/2017 17:10	29.97	73.1	5.34	2.8	SR5	9/21/2017 23:10	29.66	73.7	5.41	2.8
SR5	9/21/2017 5:15	29.65	84.3	6.22	3.3	SR5	9/21/2017 11:15	29.90	75.1	5.52	2.5	SR5	9/21/2017 17:15	29.95	72.2	5.28	3.2	SR5	9/21/2017 23:15	29.67	73.7	5.41	2.9
SR5	9/21/2017 5:20	29.59	85.4	6.29	2.8	SR5	9/21/2017 11:20	30.03	75.5	5.55	3.1	SR5	9/21/2017 17:20	29.94	72.0	5.27	2.8	SR5	9/21/2017 23:20	29.69	74.9	5.50	2.8
SR5	9/21/2017 5:25	29.58	81.3	5.99	3.1	SR5	9/21/2017 11:25	30.08	75.0	5.51	3.0	SR5	9/21/2017 17:25	29.97	74.4	5.45	3.4	SR5	9/21/2017 23:25	29.68	74.1	5.44	2.7
SR5	9/21/2017 5:30	29.60	80.3	5.91	4.0	SR5	9/21/2017 11:30	30.07	74.9	5.50	3.4	SR5	9/21/2017 17:30	29.97	74.2	5.43	3.6	SR5	9/21/2017 23:30	29.70	74.6	5.48	2.2
SR5	9/21/2017 5:35	29.62	75.5	5.54	3.1	SR5	9/21/2017 11:35	29.91	76.2	5.59	3.0	SR5	9/21/2017 17:35	29.97	73.8	5.39	2.9	SR5	9/21/2017 23:35	29.70	73.9	5.42	2.8
SR5	9/21/2017 5:40	29.60	73.5	5.39	3.4	SR5	9/21/2017 11:40	29.93	75.7	5.56	3.5	SR5	9/21/2017 17:40	29.94	75.0	5.48	3.4	SR5	9/21/2017 23:40	29.71	75.3	5.53	2.4
SR5	9/21/2017 5:45	29.57	71.6	5.25	2.5	SR5	9/21/2017 11:45	29.81	74.9	5.49	3.8	SR5	9/21/2017 17:45	29.93	73.3	5.35	3.3	SR5	9/21/2017 23:45	29.67	74.0	5.43	2.5
SR5	9/21/2017 5:50	29.54	71.0	5.20	3.7	SR5	9/21/2017 11:50	29.86	75.7	5.55	3.1	SR5	9/21/2017 17:50	29.95	73.9	5.39	3.1	SR5	9/21/2017 23:50	29.64	75.4	5.54	2.5
SR5	9/21/2017 5:55	29.50	70.3	5.15	2.9	SR5	9/21/2017 11:55	30.14	73.9	5.41	2.5	SR5	9/21/2017 17:55	29.93	74.2	5.41	2.3	SR5	9/21/2017 23:55	29.64	75.3	5.53	3.3

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR12	9/21/2017 0:01	29.56	74.2	5.46	9.2	SR12	9/21/2017 6:01	29.71	69.2	5.08	8.2	SR12	9/21/2017 12:01	29.71	72.8	5.34	6.2	SR12	9/21/2017 18:01	30.15	70.2	5.12	5.3
SR12	9/21/2017 0:06	29.55	73.3	5.39	7.4	SR12	9/21/2017 6:06	29.72	69.0	5.06	6.8	SR12	9/21/2017 12:06	29.92	72.5	5.32	7.9	SR12	9/21/2017 18:06	30.02	68.9	5.03	6.8
SR12	9/21/2017 0:11	29.55	72.8	5.36	9.7	SR12	9/21/2017 6:11	29.69	68.4	5.01	7.6	SR12	9/21/2017 12:11	30.00	73.3	5.38	7.4	SR12	9/21/2017 18:11	30.06	69.5	5.07	5.5
SR12	9/21/2017 0:16	29.54	71.5	5.25	8.1	SR12	9/21/2017 6:16	29.69	68.5	5.03	8.1	SR12	9/21/2017 12:16	30.11	72.3	5.30	6.3	SR12	9/21/2017 18:16	30.04	70.1	5.12	6.9
SR12	9/21/2017 0:21	29.53	71.6	5.26	7.5	SR12	9/21/2017 6:21	29.70	69.8	5.12	8.3	SR12	9/21/2017 12:21	30.04	72.9	5.33	7.1	SR12	9/21/2017 18:21	30.07	68.6	5.01	6.4
SR12	9/21/2017 0:26	29.52	71.0	5.22	6.3	SR12	9/21/2017 6:26	29.70	69.0	5.06	5.0	SR12	9/21/2017 12:26	30.27	72.5	5.30	8.2	SR12	9/21/2017 18:26	30.10	69.1	5.05	3.9
SR12	9/21/2017 0:31	29.50	71.4	5.24	6.8	SR12	9/21/2017 6:31	29.74	68.9	5.06	8.0	SR12	9/21/2017 12:31	30.18	72.1	5.27	7.0	SR12	9/21/2017 18:31	29.97	70.0	5.11	6.4
SR12	9/21/2017 0:36	29.58	71.5	5.25	8.4	SR12	9/21/2017 6:36	29.72	69.1	5.07	6.2	SR12	9/21/2017 12:36	30.03	72.8	5.31	7.2	SR12	9/21/2017 18:36	29.93	68.9	5.03	5.2
SR12	9/21/2017 0:41	29.58	71.4	5.24	6.6	SR12	9/21/2017 6:41	29.71	69.4	5.09	6.4	SR12	9/21/2017 12:41	29.97	73.4	5.35	7.7	SR12	9/21/2017 18:41	29.91	69.0	5.05	6.1
SR12	9/21/2017 0:46	29.60	71.5	5.25	7.7	SR12	9/21/2017 6:46	29.70	68.1	5.00	8.2	SR12	9/21/2017 12:46	29.94	73.0	5.31	5.4	SR12	9/21/2017 18:46	29.91	69.4	5.07	5.6
SR12	9/21/2017 0:51	29.64	71.9	5.28	6.0	SR12	9/21/2017 6:51	29.71	68.6	5.03	7.7	SR12	9/21/2017 12:51	29.89	71.9	5.26	7.9	SR12	9/21/2017 18:51	29.89	70.9	5.18	4.9
SR12	9/21/2017 0:56	29.64	71.0	5.22	6.0	SR12	9/21/2017 6:56	29.70	68.5	5.02	7.1	SR12	9/21/2017 12:56	29.79	74.1	5.39	5.7	SR12	9/21/2017 18:56	29.88	69.8	5.10	5.7
SR12	9/21/2017 1:01	29.65	72.7	5.34	8.0	SR12	9/21/2017 7:01	29.68	68.3	5.01	7.6	SR12	9/21/2017 13:01	29.79	73.4	5.36	4.6	SR12	9/21/2017 19:01	29.92	69.4	5.07	4.6
SR12	9/21/2017 1:06	29.64	72.7	5.34	7.9	SR12	9/21/2017 7:06	29.67	68.7	5.04	8.8	SR12	9/21/2017 13:06	29.88	74.1	5.40	8.2	SR12	9/21/2017 19:06	29.97	68.5	5.01	6.2
SR12	9/21/2017 1:11	29.61	72.0	5.29	8.5	SR12	9/21/2017 7:11	29.65	69.6	5.11	5.1	SR12	9/21/2017 13:11	29.92	73.0	5.34	5.9	SR12	9/21/2017 19:11	29.94	68.1	4.97	7.7
SR12	9/21/2017 1:16	29.61	72.4	5.32	8.8	SR12	9/21/2017 7:16	29.64	69.5	5.10	5.9	SR12	9/21/2017 13:16	29.99	73.7	5.39	6.7	SR12	9/21/2017 19:16	29.94	67.8	4.96	4.0
SR12	9/21/2017 1:21	29.61	72.4	5.32	8.9	SR12	9/21/2017 7:21	29.59	70.4	5.17	7.1	SR12	9/21/2017 13:21	30.07	73.3	5.37	5.6	SR12	9/21/2017 19:21	29.98	68.2	4.98	4.4
SR12	9/21/2017 1:26	29.63	72.1	5.30	9.7	SR12	9/21/2017 7:26	29.61	70.0	5.14	5.6	SR12	9/21/2017 13:26	30.04	74.2	5.43	7.0	SR12	9/21/2017 19:26	29.98	69.6	5.08	6.2
SR12	9/21/2017 1:31	29.62	72.2	5.31	9.0	SR12	9/21/2017 7:31	29.64	70.4	5.17	6.0	SR12	9/21/2017 13:31	29.87	72.8	5.33	7.6	SR12	9/21/2017 19:31	29.97	69.8	5.11	6.1
SR12	9/21/2017 1:36	29.61	72.0	5.30	6.7	SR12	9/21/2017 7:36	29.61	70.4	5.17	5.3	SR12	9/21/2017 13:36	29.89	72.4	5.30	4.4	SR12	9/21/2017 19:36	29.94	69.5	5.08	6.9
SR12	9/21/2017 1:41	29.61	72.4	5.32	7.9	SR12	9/21/2017 7:41	29.56	70.0	5.14	7.1	SR12	9/21/2017 13:41	29.82	72.3	5.30	6.5	SR12	9/21/2017 19:41	29.93	70.0	5.12	4.6
SR12	9/21/2017 1:46	29.60	72.0	5.29	7.3	SR12	9/21/2017 7:46	29.53	70.8	5.20	7.0	SR12	9/21/2017 13:46	29.81	71.3	5.23	7.5	SR12	9/21/2017 19:46	29.95	70.2	5.13	6.9
SR12	9/21/2017 1:51	29.61	72.6	5.33	6.2	SR12	9/21/2017 7:51	29.50	70.5	5.18	6.0	SR12	9/21/2017 13:51	30.07	72.5	5.31	4.6	SR12	9/21/2017 19:51	29.93	69.3	5.07	7.1
SR12	9/21/2017 1:56	29.61	72.6	5.34	7.4	SR12	9/21/2017 7:56	29.47	71.3	5.24	7.2	SR12	9/21/2017 13:56	30.11	72.9	5.33	5.4	SR12	9/21/2017 19:56	29.91	70.1	5.13	4.0
SR12	9/21/2017 2:01	29.61	73.9	5.44	6.2	SR12	9/21/2017 8:01	29.47	71.2	5.23	5.5	SR12	9/21/2017 14:01	30.07	71.5	5.23	6.1	SR12	9/21/2017 20:01	29.89	70.0	5.12	6.7
SR12	9/21/2017 2:06	29.60	74.8	5.50	9.7	SR12	9/21/2017 8:06	29.46	71.0	5.22	7.7	SR12	9/21/2017 14:06	29.97	72.4	5.30	7.5	SR12	9/21/2017 20:06	29.97	69.7	5.10	5.6
SR12	9/21/2017 2:11	29.60	75.4	5.55	9.3	SR12	9/21/2017 8:11	29.44	70.7	5.20	6.0	SR12	9/21/2017 14:11	29.94	73.0	5.35	7.0	SR12	9/21/2017 20:11	30.01	72.9	5.35	4.5
SR12	9/21/2017 2:16	29.60	75.4	5.55	**16.4**	SR12	9/21/2017 8:16	29.45	71.4	5.24	7.1	SR12	9/21/2017 14:16	29.95	71.1	5.21	5.8	SR12	9/21/2017 20:16	30.00	71.4	5.23	6.8
SR12	9/21/2017 2:21	29.60	74.5	5.48	8.5	SR12	9/21/2017 8:21	29.44	71.5	5.25	6.1	SR12	9/21/2017 14:21	30.11	72.1	5.28	5.1	SR12	9/21/2017 20:21	29.99	73.1	5.35	5.2
SR12	9/21/2017 2:26	29.59	77.7	5.73	7.4	SR12	9/21/2017 8:26	29.52	70.9	5.21	5.7	SR12	9/21/2017 14:26	30.05	70.9	5.19	7.3	SR12	9/21/2017 20:26	29.93	72.1	5.28	6.4
SR12	9/21/2017 2:31	29.59	80.4	5.93	5.7	SR12	9/21/2017 8:31	29.59	71.4	5.25	6.8	SR12	9/21/2017 14:31	30.02	71.9	5.27	5.0	SR12	9/21/2017 20:31	29.89	69.5	5.09	5.9
SR12	9/21/2017 2:36	29.61	80.6	5.94	9.0	SR12	9/21/2017 8:36	29.68	72.0	5.29	7.0	SR12	9/21/2017 14:36	30.04	71.3	5.23	7.6	SR12	9/21/2017 20:36	29.85	70.7	5.18	7.3
SR12	9/21/2017 2:41	29.62	82.5	6.09	9.2	SR12	9/21/2017 8:41	29.70	71.7	5.27	6.1	SR12	9/21/2017 14:41	29.95	70.8	5.20	8.1	SR12	9/21/2017 20:41	29.83	70.7	5.18	5.1
SR12	9/21/2017 2:46	29.62	83.7	6.18	7.6	SR12	9/21/2017 8:46	29.69	72.1	5.30	5.9	SR12	9/21/2017 14:46	29.82	70.7	5.19	6.8	SR12	9/21/2017 20:46	29.82	71.2	5.22	7.7
SR12	9/21/2017 2:51	29.63	84.0	6.20	8.4	SR12	9/21/2017 8:51	29.68	72.4	5.32	7.3	SR12	9/21/2017 14:51	30.04	70.5	5.17	7.9	SR12	9/21/2017 20:51	29.86	70.8	5.19	5.4
SR12	9/21/2017 2:56	29.64	83.7	6.18	8.0	SR12	9/21/2017 8:56	29.72	72.4	5.32	6.9	SR12	9/21/2017 14:56	30.20	70.7	5.18	6.2	SR12	9/21/2017 20:56	29.89	71.1	5.22	4.5
SR12	9/21/2017 3:01	29.65	84.8	6.26	8.7	SR12	9/21/2017 9:01	29.71	72.6	5.34	7.9	SR12	9/21/2017 15:01	30.25	70.6	5.18	7.3	SR12	9/21/2017 21:01	29.91	72.2	5.29	7.4
SR12	9/21/2017 3:06	29.64	84.4	6.23	7.6	SR12	9/21/2017 9:06	29.71	72.4	5.32	6.4	SR12	9/21/2017 15:06	30.18	69.6	5.10	6.6	SR12	9/21/2017 21:06	29.93	71.9	5.27	4.0
SR12	9/21/2017 3:11	29.63	84.8	6.27	5.9	SR12	9/21/2017 9:11	29.74	71.9	5.29	6.3	SR12	9/21/2017 15:11	30.07	71.6	5.25	7.9	SR12	9/21/2017 21:11	29.93	71.7	5.26	4.0
SR12	9/21/2017 3:16	29.62	84.2	6.22	6.4	SR12	9/21/2017 9:16	29.74	71.5	5.26	7.1	SR12	9/21/2017 15:16	29.99	71.1	5.21	5.9	SR12	9/21/2017 21:16	29.92	70.8	5.19	7.2
SR12	9/21/2017 3:21	29.63	84.9	6.29	7.0	SR12	9/21/2017 9:21	29.72	72.2	5.31	5.8	SR12	9/21/2017 15:21	29.95	71.0	5.20	7.1	SR12	9/21/2017 21:21	29.90	70.8	5.20	6.5
SR12	9/21/2017 3:26	29.65	85.6	6.35	7.4	SR12	9/21/2017 9:26	29.71	72.0	5.30	7.8	SR12	9/21/2017 15:26	29.94	72.0	5.27	7.4	SR12	9/21/2017 21:26	29.90	72.3	5.30	6.9
SR12	9/21/2017 3:31	29.66	85.7	6.35	6.5	SR12	9/21/2017 9:31	29.71	71.9	5.29	6.4	SR12	9/21/2017 15:31	29.90	72.1	5.27	7.9	SR12	9/21/2017 21:31	29.91	73.1	5.36	6.5
SR12	9/21/2017 3:36	29.66	85.8	6.37	6.8	SR12	9/21/2017 9:36	29.72	70.9	5.22	6.7	SR12	9/21/2017 15:36	29.86	70.7	5.17	6.8	SR12	9/21/2017 21:36	29.90	72.0	5.28	7.2
SR12	9/21/2017 3:41	29.67	85.6	6.36	6.5	SR12	9/21/2017 9:41	29.67	70.9	5.21	7.3	SR12	9/21/2017 15:41	29.85	71.4	5.22	7.9	SR12	9/21/2017 21:41	29.92	71.3	5.23	4.5
SR12	9/21/2017 3:46	29.71	84.9	6.30	6.5	SR12	9/21/2017 9:46	29.64	71.9	5.29	7.3	SR12	9/21/2017 15:46	29.91	70.7	5.17	7.8	SR12	9/21/2017 21:46	29.92	72.1	5.29	6.1
SR12	9/21/2017 3:51	29.72	85.1	6.32	7.1	SR12	9/21/2017 9:51	29.65	71.8	5.28	6.8	SR12	9/21/2017 15:51	29.96	69.7	5.11	8.0	SR12	9/21/2017 21:51	29.92	73.4	5.39	5.3
SR12	9/21/2017 3:56	29.76	85.2	6.33	8.4	SR12	9/21/2017 9:56	29.66	71.1	5.23	6.8	SR12	9/21/2017 15:56	29.98	70.8	5.18	6.8	SR12	9/21/2017 21:56	29.92	70.7	5.19	6.2
SR12	9/21/2017 4:01	29.77	85.8	6.38	6.8	SR12	9/21/2017 10:01	29.67	71.4	5.25	7.1	SR12	9/21/2017 16:01	29.95	70.1	5.13	5.4	SR12	9/21/2017 22:01	29.94	71.6	5.26	6.3
SR12	9/21/2017 4:06	29.76	84.8	6.32	7.4	SR12	9/21/2017 10:06	29.67	72.0	5.30	5.3	SR12	9/21/2017 16:06	29.90	71.3	5.21	7.6	SR12	9/21/2017 22:06	29.94	71.0	5.21	6.6
SR12	9/21/2017 4:11	29.77	85.0	6.33	9.1	SR12	9/21/2017 10:11	29.69	72.2	5.30	8.2	SR12	9/21/2017 16:11	29.88	71.4	5.22	4.2	SR12	9/21/2017 22:11	29.94	72.0	5.28	5.1
SR12	9/21/2017 4:16	29.76	85.5	6.37	8.3	SR12	9/21/2017 10:16	29.74	72.2	5.31	7.7	SR12	9/21/2017 16:16	29.86	71.0	5.19	6.2	SR12	9/21/2017 22:16	29.93	71.4	5.24	7.6
SR12	9/21/2017 4:21	29.77	84.8	6.32	7.0	SR12	9/21/2017 10:21	29.77	71.9	5.29	6.6	SR12	9/21/2017 16:21	29.87	70.4	5.15	7.1	SR12	9/21/2017 22:21	29.91	71.2	5.23	6.6
SR12	9/21/2017 4:26	29.76	85.8	6.39	7.7	SR12	9/21/2017 10:26	29.75	72.0	5.30	7.0	SR12	9/21/2017 16:26	29.97	70.7	5.17	7.5	SR12	9/21/2017 22:26	29.90	71.5	5.25	4.5
SR12	9/21/2017 4:31	29.76	85.7	6.38	8.5	SR12	9/21/2017 10:31	29.72	72.8	5.36	6.8	SR12	9/21/2017 16:31	30.15	70.3	5.14	7.5	SR12	9/21/2017 22:31	29.90	72.3	5.31	5.5
SR12	9/21/2017 4:36	29.72	85.0	6.33	8.0	SR12	9/21/2017 10:36	29.71	72.8	5.35	7.5	SR12	9/21/2017 16:36	30.23	70.1	5.13	7.3	SR12	9/21/2017 22:36	29.88	71.2	5.23	5.3
SR12	9/21/2017 4:41	29.73	85.5	6.37	6.6	SR12	9/21/2017 10:41	29.73	73.2	5.38	4.6	SR12	9/21/2017 16:41	30.31	70.9	5.19	7.0	SR12	9/21/2017 22:41	29.88	72.3	5.31	5.1
SR12	9/21/2017 4:46	29.69	85.5	6.37	6.3	SR12	9/21/2017 10:46	29.68	72.8	5.35	4.5	SR12	9/21/2017 16:46	30.20	70.1	5.12	7.8	SR12	9/21/2017 22:46	29.86	71.6	5.26	4.1
SR12	9/21/2017 4:51	29.67	85.6	6.38	7.7	SR12	9/21/2017 10:51	29.63	72.5	5.33	6.5	SR12	9/21/2017 16:51	30.11	69.4	5.07	6.8	SR12	9/21/2017 22:51	29.85	72.3	5.31	4.3
SR12	9/21/2017 4:56	29.66	85.7	6.38	8.4	SR12	9/21/2017 10:56	29.64	72.6	5.34	7.2	SR12	9/21/2017 16:56	30.23	70.3	5.14	4.9	SR12	9/21/2017 22:56	29.83	72.3	5.31	4.5
SR12	9/21/2017 5:01	29.64	85.8	6.39	6.0	SR12	9/21/2017 11:01	29.65	74.1	5.45	4.3	SR12	9/21/2017 17:01	30.27	70.7	5.17	7.4	SR12	9/21/2017 23:01	29.82	72.0	5.29	6.8
SR12	9/21/2017 5:06	29.66	85.4	6.34	7.1	SR12	9/21/2017 11:06	29.64	73.1	5.38	5.3	SR12	9/21/2017 17:06	30.31	69.3	5.07	6.7	SR12	9/21/2017 23:06	29.81	72.2	5.31	6.8
SR12	9/21/2017 5:11	29.65	85.5	6.34	6.8	SR12	9/21/2017 11:11	29.64	73.4	5.39	6.4	SR12	9/21/2017 17:11	30.40	70.0	5.12	5.7	SR12	9/21/2017 23:11	29.80	72.2	5.30	6.1
SR12	9/21/2017 5:16	29.67	82.4	6.09	6.6	SR12	9/21/2017 11:16	29.65	73.8	5.43	6.0	SR12	9/21/2017 17:16	30.31	69.1	5.06	7.2	SR12	9/21/2017 23:16	29.80	73.0	5.36	6.9
SR12	9/21/2017 5:21	29.66	83.1	6.13	6.9	SR12	9/21/2017 11:21	29.64	73.7	5.41	8.0	SR12	9/21/2017 17:21	30.25	69.5	5.08	5.2	SR12	9/21/2017 23:21	29.80	72.5	5.32	6.4
SR12	9/21/2017 5:26	29.65	79.7	5.87	7.3	SR12	9/21/2017 11:26	29.65	73.1	5.38	5.6	SR12	9/21/2017 17:26	30.28	71.6	5.25	7.1	SR12	9/21/2017 23:26	29.78	71.7	5.27	5.2
SR12	9/21/2017 5:31	29.65	77.8	5.73	9.1	SR12	9/21/2017 11:31	29.65	73.9	5.43	6.6	SR12	9/21/2017 17:31	30.25	69.9	5.12	7.4	SR12	9/21/2017 23:31	29.76	72.1	5.30	5.0
SR12	9/21/2017 5:36	29.65	72.3	5.31	7.4	SR12	9/21/2017 11:36	29.62	74.0	5.44	6.5	SR12	9/21/2017 17:36	30.20	71.4	5.22	5.4	SR12	9/21/2017 23:36	29.76	72.0	5.29	5.9
SR12	9/21/2017 5:41	29.64	70.8	5.20	7.3	SR12	9/21/2017 11:41	29.61	73.3	5.39	7.1	SR12	9/21/2017 17:41	30.10	71.5	5.23	7.9	SR12	9/21/2017 23:41	29.77	72.2	5.31	5.8
SR12	9/21/2017 5:46	29.70	70.7	5.19	6.1	SR12	9/21/2017 11:46	29.64	73.3	5.37	7.7	SR12	9/21/2017 17:46	30.08	70.0	5.11	6.8	SR12	9/21/2017 23:46	29.76	71.9	5.28	4.9
SR12	9/21/2017 5:51	29.66	69.5	5.10	7.3	SR12	9/21/2017 11:51	29.62	73.2	5.37	4.8	SR12	9/21/2017 17:51	30.06	69.6	5.09	6.0	SR12	9/21/2017 23:51	29.74	73.0	5.36	4.6
SR12	9/21/2017 5:56	29.68	68.5	5.03	6.5	SR12	9/21/2017 11:56	29.63	73.0	5.35	5.2	SR12	9/21/2017 17:56	29.99	70.2	5.13	5.3	SR12	9/21/2017 23:56	29.72	73.2	5.38	7.5

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR13	9/21/2017 0:00	29.57	66.9	4.86	6.6	SR13	9/21/2017 6:00	29.66	64.7	4.69	7.0	SR13	9/21/2017 12:00	29.82	67.1	4.86	7.7	SR13	9/21/2017 18:00	30.22	65.9	4.76	7.9
SR13	9/21/2017 0:05	29.56	67.1	4.87	7.0	SR13	9/21/2017 6:05	29.63	64.8	4.69	7.2	SR13	9/21/2017 12:05	29.85	66.8	4.84	8.0	SR13	9/21/2017 18:05	30.23	65.2	4.71	7.7
SR13	9/21/2017 0:10	29.55	66.3	4.82	7.8	SR13	9/21/2017 6:10	29.61	65.2	4.72	6.9	SR13	9/21/2017 12:10	29.86	68.0	4.93	7.5	SR13	9/21/2017 18:10	30.25	64.4	4.65	8.4
SR13	9/21/2017 0:15	29.54	66.7	4.84	7.6	SR13	9/21/2017 6:15	29.61	64.9	4.71	7.0	SR13	9/21/2017 12:15	29.89	66.8	4.84	7.1	SR13	9/21/2017 18:15	30.24	65.9	4.76	8.0
SR13	9/21/2017 0:20	29.53	65.8	4.77	7.5	SR13	9/21/2017 6:20	29.60	65.0	4.71	7.4	SR13	9/21/2017 12:20	30.06	66.6	4.82	7.4	SR13	9/21/2017 18:20	30.22	64.8	4.69	7.5
SR13	9/21/2017 0:25	29.55	66.4	4.82	6.4	SR13	9/21/2017 6:25	29.63	64.8	4.69	7.2	SR13	9/21/2017 12:25	30.18	67.7	4.90	8.5	SR13	9/21/2017 18:25	30.17	64.7	4.68	8.2
SR13	9/21/2017 0:30	29.60	65.6	4.76	8.0	SR13	9/21/2017 6:30	29.59	65.5	4.75	8.0	SR13	9/21/2017 12:30	30.03	67.2	4.86	7.2	SR13	9/21/2017 18:30	30.12	65.4	4.73	7.2
SR13	9/21/2017 0:35	29.66	66.9	4.85	7.4	SR13	9/21/2017 6:35	29.66	64.7	4.69	7.6	SR13	9/21/2017 12:35	30.04	67.9	4.90	8.4	SR13	9/21/2017 18:35	30.09	64.9	4.69	6.5
SR13	9/21/2017 0:40	29.68	66.0	4.78	7.6	SR13	9/21/2017 6:40	29.67	65.2	4.73	8.1	SR13	9/21/2017 12:40	30.00	66.9	4.83	9.0	SR13	9/21/2017 18:40	29.98	64.5	4.67	8.3
SR13	9/21/2017 0:45	29.67	66.4	4.81	7.0	SR13	9/21/2017 6:45	29.58	65.2	4.72	9.1	SR13	9/21/2017 12:45	29.99	66.9	4.83	8.8	SR13	9/21/2017 18:45	29.94	65.3	4.72	7.7
SR13	9/21/2017 0:50	29.66	66.6	4.83	6.6	SR13	9/21/2017 6:50	29.55	65.5	4.74	7.2	SR13	9/21/2017 12:50	30.01	67.1	4.86	7.4	SR13	9/21/2017 18:50	29.91	64.9	4.70	7.2
SR13	9/21/2017 0:55	29.66	66.4	4.82	7.5	SR13	9/21/2017 6:55	29.60	64.2	4.65	7.1	SR13	9/21/2017 12:55	29.98	67.6	4.88	7.7	SR13	9/21/2017 18:55	29.91	64.9	4.69	8.1
SR13	9/21/2017 1:00	29.66	67.5	4.90	6.9	SR13	9/21/2017 7:00	29.54	65.0	4.71	8.6	SR13	9/21/2017 13:00	30.02	67.2	4.86	8.9	SR13	9/21/2017 19:00	29.94	65.1	4.71	8.2
SR13	9/21/2017 1:05	29.63	67.3	4.88	7.3	SR13	9/21/2017 7:05	29.54	65.4	4.74	8.0	SR13	9/21/2017 13:05	30.41	68.3	4.93	8.4	SR13	9/21/2017 19:05	29.98	64.9	4.69	7.8
SR13	9/21/2017 1:10	29.61	66.6	4.83	6.8	SR13	9/21/2017 7:10	29.50	65.3	4.74	8.8	SR13	9/21/2017 13:10	30.48	66.8	4.84	7.8	SR13	9/21/2017 19:10	29.96	64.0	4.63	6.4
SR13	9/21/2017 1:15	29.62	66.5	4.82	7.3	SR13	9/21/2017 7:15	29.54	65.4	4.74	7.2	SR13	9/21/2017 13:15	30.30	68.3	4.94	7.5	SR13	9/21/2017 19:15	29.94	63.3	4.58	6.0
SR13	9/21/2017 1:20	29.64	66.4	4.82	7.5	SR13	9/21/2017 7:20	29.53	65.1	4.72	8.7	SR13	9/21/2017 13:20	30.21	67.1	4.86	7.5	SR13	9/21/2017 19:20	29.97	63.9	4.62	7.1
SR13	9/21/2017 1:25	29.63	66.9	4.85	6.8	SR13	9/21/2017 7:25	29.51	65.1	4.72	8.4	SR13	9/21/2017 13:25	30.04	67.4	4.88	8.3	SR13	9/21/2017 19:25	29.96	64.6	4.67	7.6
SR13	9/21/2017 1:30	29.61	66.2	4.80	7.1	SR13	9/21/2017 7:30	29.54	66.2	4.80	8.3	SR13	9/21/2017 13:30	29.99	67.3	4.87	7.0	SR13	9/21/2017 19:30	29.95	64.7	4.68	6.6
SR13	9/21/2017 1:35	29.60	66.7	4.84	6.9	SR13	9/21/2017 7:35	29.59	65.9	4.78	7.7	SR13	9/21/2017 13:35	30.12	67.7	4.90	8.0	SR13	9/21/2017 19:35	29.92	65.4	4.73	7.3
SR13	9/21/2017 1:40	29.59	66.0	4.79	7.1	SR13	9/21/2017 7:40	29.59	65.8	4.77	8.1	SR13	9/21/2017 13:40	29.97	67.6	4.90	8.0	SR13	9/21/2017 19:40	29.92	65.5	4.74	6.9
SR13	9/21/2017 1:45	29.60	66.1	4.79	7.5	SR13	9/21/2017 7:45	29.53	66.4	4.81	7.7	SR13	9/21/2017 13:45	30.07	66.4	4.81	7.0	SR13	9/21/2017 19:45	29.89	64.6	4.67	7.1
SR13	9/21/2017 1:50	29.59	67.2	4.87	7.3	SR13	9/21/2017 7:50	29.48	65.4	4.74	7.3	SR13	9/21/2017 13:50	30.37	66.4	4.81	7.6	SR13	9/21/2017 19:50	29.90	64.7	4.68	7.7
SR13	9/21/2017 1:55	29.59	66.3	4.81	7.1	SR13	9/21/2017 7:55	29.49	65.6	4.76	7.6	SR13	9/21/2017 13:55	30.28	67.9	4.91	8.0	SR13	9/21/2017 19:55	29.86	65.7	4.75	6.9
SR13	9/21/2017 2:00	29.58	68.1	4.94	7.2	SR13	9/21/2017 8:00	29.48	65.4	4.75	7.6	SR13	9/21/2017 14:00	30.19	66.4	4.80	9.3	SR13	9/21/2017 20:00	29.80	64.9	4.70	8.1
SR13	9/21/2017 2:05	29.58	67.4	4.89	7.3	SR13	9/21/2017 8:05	29.47	66.6	4.83	9.4	SR13	9/21/2017 14:05	30.06	67.5	4.89	8.0	SR13	9/21/2017 20:05	29.88	64.6	4.68	8.0
SR13	9/21/2017 2:10	29.59	68.6	4.98	7.4	SR13	9/21/2017 8:10	29.45	66.2	4.81	7.7	SR13	9/21/2017 14:10	30.14	67.3	4.88	7.4	SR13	9/21/2017 20:10	29.88	66.9	4.85	7.8
SR13	9/21/2017 2:15	29.59	68.2	4.96	7.5	SR13	9/21/2017 8:15	29.48	66.9	4.85	8.7	SR13	9/21/2017 14:15	30.44	65.7	4.76	7.2	SR13	9/21/2017 20:15	29.83	65.9	4.77	8.6
SR13	9/21/2017 2:20	29.54	67.9	4.93	7.4	SR13	9/21/2017 8:20	29.47	66.8	4.84	8.1	SR13	9/21/2017 14:20	30.56	66.5	4.81	7.3	SR13	9/21/2017 20:20	29.81	67.3	4.87	6.3
SR13	9/21/2017 2:25	29.58	69.0	5.02	7.7	SR13	9/21/2017 8:25	29.47	65.2	4.73	8.3	SR13	9/21/2017 14:25	30.30	65.6	4.75	7.4	SR13	9/21/2017 20:25	29.87	65.5	4.74	7.0
SR13	9/21/2017 2:30	29.62	71.0	5.16	7.7	SR13	9/21/2017 8:30	29.56	66.0	4.79	9.1	SR13	9/21/2017 14:30	30.35	67.3	4.87	8.1	SR13	9/21/2017 20:30	29.88	65.0	4.71	7.2
SR13	9/21/2017 2:35	29.60	71.3	5.19	7.9	SR13	9/21/2017 8:35	29.67	65.9	4.78	8.1	SR13	9/21/2017 14:35	30.16	67.0	4.85	7.3	SR13	9/21/2017 20:35	29.86	65.8	4.76	7.6
SR13	9/21/2017 2:40	29.61	71.1	5.18	7.0	SR13	9/21/2017 8:40	29.69	66.5	4.82	9.0	SR13	9/21/2017 14:40	29.95	65.5	4.75	7.7	SR13	9/21/2017 20:40	29.82	66.1	4.79	8.1
SR13	9/21/2017 2:45	29.60	71.6	5.22	6.6	SR13	9/21/2017 8:45	29.68	66.5	4.83	8.7	SR13	9/21/2017 14:45	30.18	66.5	4.82	8.8	SR13	9/21/2017 20:45	29.81	66.3	4.80	6.9
SR13	9/21/2017 2:50	29.61	73.2	5.33	7.8	SR13	9/21/2017 8:50	29.69	67.2	4.88	8.3	SR13	9/21/2017 14:50	30.38	65.5	4.75	7.8	SR13	9/21/2017 20:50	29.83	65.2	4.73	7.9
SR13	9/21/2017 2:55	29.58	71.8	5.23	7.3	SR13	9/21/2017 8:55	29.70	67.0	4.86	7.3	SR13	9/21/2017 14:55	30.40	65.8	4.76	6.9	SR13	9/21/2017 20:55	29.87	65.3	4.73	8.1
SR13	9/21/2017 3:00	29.58	72.9	5.31	7.2	SR13	9/21/2017 9:00	29.70	66.1	4.80	7.6	SR13	9/21/2017 15:00	30.39	66.5	4.82	8.5	SR13	9/21/2017 21:00	29.89	65.9	4.77	7.2
SR13	9/21/2017 3:05	29.57	73.0	5.32	7.7	SR13	9/21/2017 9:05	29.69	66.1	4.80	8.6	SR13	9/21/2017 15:05	30.26	65.3	4.73	7.4	SR13	9/21/2017 21:05	29.91	66.5	4.82	7.3
SR13	9/21/2017 3:10	29.58	72.9	5.32	7.9	SR13	9/21/2017 9:10	29.71	65.9	4.79	7.7	SR13	9/21/2017 15:10	30.06	67.0	4.85	7.1	SR13	9/21/2017 21:10	29.91	66.5	4.82	8.0
SR13	9/21/2017 3:15	29.59	72.4	5.27	7.4	SR13	9/21/2017 9:15	29.71	66.2	4.81	7.9	SR13	9/21/2017 15:15	29.97	65.9	4.77	8.2	SR13	9/21/2017 21:15	29.91	65.9	4.78	6.4
SR13	9/21/2017 3:20	29.61	72.2	5.27	8.0	SR13	9/21/2017 9:20	29.71	66.8	4.85	7.5	SR13	9/21/2017 15:20	29.95	65.7	4.76	8.2	SR13	9/21/2017 21:20	29.90	65.0	4.72	8.3
SR13	9/21/2017 3:25	29.63	73.1	5.34	6.8	SR13	9/21/2017 9:25	29.72	67.1	4.87	7.4	SR13	9/21/2017 15:25	29.93	66.7	4.83	7.5	SR13	9/21/2017 21:25	29.90	66.0	4.78	7.2
SR13	9/21/2017 3:30	29.61	73.3	5.35	7.8	SR13	9/21/2017 9:30	29.71	66.1	4.80	8.5	SR13	9/21/2017 15:30	29.87	66.6	4.82	7.7	SR13	9/21/2017 21:30	29.89	67.2	4.87	6.7
SR13	9/21/2017 3:35	29.64	73.0	5.33	7.7	SR13	9/21/2017 9:35	29.75	66.4	4.82	7.8	SR13	9/21/2017 15:35	29.85	65.5	4.74	8.4	SR13	9/21/2017 21:35	29.89	65.9	4.78	8.4
SR13	9/21/2017 3:40	29.67	72.9	5.33	6.7	SR13	9/21/2017 9:40	29.72	66.0	4.79	9.0	SR13	9/21/2017 15:40	30.06	67.2	4.86	7.0	SR13	9/21/2017 21:40	29.89	65.8	4.77	6.7
SR13	9/21/2017 3:45	29.69	72.9	5.32	6.6	SR13	9/21/2017 9:45	29.69	66.8	4.85	8.3	SR13	9/21/2017 15:45	30.11	66.3	4.80	6.9	SR13	9/21/2017 21:45	29.91	66.8	4.84	7.2
SR13	9/21/2017 3:50	29.72	72.7	5.31	7.0	SR13	9/21/2017 9:50	29.69	66.0	4.79	8.5	SR13	9/21/2017 15:50	30.26	65.7	4.76	7.6	SR13	9/21/2017 21:50	29.92	66.5	4.83	6.6
SR13	9/21/2017 3:55	29.76	72.2	5.28	7.6	SR13	9/21/2017 9:55	29.72	66.5	4.83	8.9	SR13	9/21/2017 15:55	30.02	66.0	4.78	6.6	SR13	9/21/2017 21:55	29.93	65.6	4.76	7.7
SR13	9/21/2017 4:00	29.74	72.7	5.32	7.7	SR13	9/21/2017 10:00	29.78	67.0	4.86	8.9	SR13	9/21/2017 16:00	29.91	65.5	4.74	7.7	SR13	9/21/2017 22:00	29.94	66.3	4.81	7.6
SR13	9/21/2017 4:05	29.73	72.0	5.28	10.2	SR13	9/21/2017 10:05	29.79	67.1	4.87	7.7	SR13	9/21/2017 16:05	29.85	66.3	4.80	6.3	SR13	9/21/2017 22:05	29.94	65.5	4.75	5.9
SR13	9/21/2017 4:10	29.75	72.1	5.28	7.0	SR13	9/21/2017 10:10	29.87	66.6	4.83	8.1	SR13	9/21/2017 16:10	29.85	65.9	4.77	7.3	SR13	9/21/2017 22:10	29.95	66.1	4.79	7.7
SR13	9/21/2017 4:15	29.73	73.5	5.38	7.1	SR13	9/21/2017 10:15	29.85	67.0	4.86	7.4	SR13	9/21/2017 16:15	29.98	66.7	4.82	7.4	SR13	9/21/2017 22:15	29.94	66.1	4.79	7.7
SR13	9/21/2017 4:20	29.75	72.0	5.27	6.7	SR13	9/21/2017 10:20	29.87	66.7	4.84	7.4	SR13	9/21/2017 16:20	30.22	66.4	4.81	6.9	SR13	9/21/2017 22:20	29.93	65.2	4.73	6.2
SR13	9/21/2017 4:25	29.75	72.4	5.30	7.6	SR13	9/21/2017 10:25	29.81	67.2	4.88	8.5	SR13	9/21/2017 16:25	30.52	66.8	4.83	8.2	SR13	9/21/2017 22:25	29.92	65.2	4.73	6.5
SR13	9/21/2017 4:30	29.71	73.0	5.34	7.0	SR13	9/21/2017 10:30	29.78	66.7	4.84	7.9	SR13	9/21/2017 16:30	30.56	66.7	4.82	6.6	SR13	9/21/2017 22:30	29.90	66.9	4.85	7.5
SR13	9/21/2017 4:35	29.71	72.4	5.30	7.5	SR13	9/21/2017 10:35	29.80	66.9	4.85	8.6	SR13	9/21/2017 16:35	30.57	66.2	4.79	7.8	SR13	9/21/2017 22:35	29.90	66.0	4.79	7.8
SR13	9/21/2017 4:40	29.67	73.2	5.36	7.3	SR13	9/21/2017 10:40	29.80	67.5	4.90	9.2	SR13	9/21/2017 16:40	30.44	66.2	4.79	6.7	SR13	9/21/2017 22:40	29.90	65.9	4.78	7.6
SR13	9/21/2017 4:45	29.60	72.6	5.32	7.7	SR13	9/21/2017 10:45	29.78	66.7	4.84	12.4	SR13	9/21/2017 16:45	30.18	65.7	4.75	8.1	SR13	9/21/2017 22:45	29.87	66.2	4.80	7.7
SR13	9/21/2017 4:50	29.60	72.9	5.34	7.2	SR13	9/21/2017 10:50	29.71	66.4	4.82	8.1	SR13	9/21/2017 16:50	30.46	65.2	4.72	7.5	SR13	9/21/2017 22:50	29.83	65.6	4.76	6.6
SR13	9/21/2017 4:55	29.57	72.3	5.30	7.6	SR13	9/21/2017 10:55	29.66	67.6	4.91	8.1	SR13	9/21/2017 16:55	30.53	64.6	4.67	6.6	SR13	9/21/2017 22:55	29.84	66.8	4.85	8.3
SR13	9/21/2017 5:00	29.52	72.7	5.32	8.0	SR13	9/21/2017 11:00	29.66	67.2	4.88	7.2	SR13	9/21/2017 17:00	30.50	65.2	4.72	7.5	SR13	9/21/2017 23:00	29.83	65.7	4.77	6.4
SR13	9/21/2017 5:05	29.54	72.3	5.28	7.5	SR13	9/21/2017 11:05	29.66	67.0	4.87	8.9	SR13	9/21/2017 17:05	30.56	64.3	4.65	7.2	SR13	9/21/2017 23:05	29.81	66.6	4.83	8.2
SR13	9/21/2017 5:10	29.58	73.0	5.33	7.7	SR13	9/21/2017 11:10	29.65	67.3	4.88	8.3	SR13	9/21/2017 17:10	30.51	64.6	4.68	7.1	SR13	9/21/2017 23:10	29.81	66.9	4.85	8.8
SR13	9/21/2017 5:15	29.59	70.6	5.15	6.6	SR13	9/21/2017 11:15	29.66	68.2	4.95	8.1	SR13	9/21/2017 17:15	30.48	64.2	4.65	7.1	SR13	9/21/2017 23:15	29.81	66.3	4.81	7.2
SR13	9/21/2017 5:20	29.59	71.3	5.19	7.3	SR13	9/21/2017 11:20	29.67	67.6	4.90	8.5	SR13	9/21/2017 17:20	30.33	64.7	4.68	7.8	SR13	9/21/2017 23:20	29.81	66.9	4.85	8.1
SR13	9/21/2017 5:25	29.60	70.4	5.12	7.2	SR13	9/21/2017 11:25	29.68	67.2	4.88	7.8	SR13	9/21/2017 17:25	30.35	66.6	4.82	7.2	SR13	9/21/2017 23:25	29.79	65.6	4.76	7.7
SR13	9/21/2017 5:30	29.59	68.5	4.98	7.5	SR13	9/21/2017 11:30	29.68	68.0	4.93	8.5	SR13	9/21/2017 17:30	30.30	65.2	4.72	7.6	SR13	9/21/2017 23:30	29.77	66.6	4.83	7.7
SR13	9/21/2017 5:35	29.59	65.6	4.76	7.3	SR13	9/21/2017 11:35	29.68	68.0	4.94	7.8	SR13	9/21/2017 17:35	30.29	66.5	4.81	7.7	SR13	9/21/2017 23:35	29.75	66.3	4.81	7.4
SR13	9/21/2017 5:40	29.60	65.5	4.75	7.5	SR13	9/21/2017 11:40	29.67	68.0	4.94	7.5	SR13	9/21/2017 17:40	30.21	66.0	4.78	11.3	SR13	9/21/2017 23:40	29.77	66.8	4.85	8.4
SR13	9/21/2017 5:45	29.64	65.8	4.77	7.3	SR13	9/21/2017 11:45	29.66	68.2	4.94	7.6	SR13	9/21/2017 17:45	30.24	65.8	4.76	7.7	SR13	9/21/2017 23:45	29.77	65.7	4.77	7.1
SR13	9/21/2017 5:50	29.65	65.2	4.73	6.7	SR13	9/21/2017 11:50	29.71	67.3	4.88	7.2	SR13	9/21/2017 17:50	30.21	65.3	4.72	7.7	SR13	9/21/2017 23:50	29.76	66.8	4.84	7.3
SR13	9/21/2017 5:55	29.66	64.0	4.64	7.4	SR13	9/21/2017 11:55	29.78	67.9	4.92	8.0	SR13	9/21/2017 17:55	30.19	64.9	4.70	8.2	SR13	9/21/2017 23:55	29.75	66.7	4.84	7.7

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	9/21/2017 0:17	0.05				SR12	9/21/2017 0:17	0.08			
SR4	9/21/2017 0:37	0.05				SR12	9/21/2017 0:37	0.07			
SR4	9/21/2017 0:57	0.04				SR12	9/21/2017 0:57	0.06			
SR4	9/21/2017 1:17	0.04				SR12	9/21/2017 1:17	0.07			
SR4	9/21/2017 1:37	0.04				SR12	9/21/2017 1:37	0.07			
SR4	9/21/2017 1:57	0.06				SR12	9/21/2017 1:57	0.08			
SR4	9/21/2017 2:17	0.05				SR12	9/21/2017 2:17	0.09			
SR4	9/21/2017 2:37	0.04				SR12	9/21/2017 2:37	0.10			
SR4	9/21/2017 2:57	0.04				SR12	9/21/2017 2:57	0.07			
SR4	9/21/2017 3:17	0.05				SR12	9/21/2017 3:17	0.07			
SR4	9/21/2017 3:37	0.05				SR12	9/21/2017 3:37	0.06			
SR4	9/21/2017 3:57	0.07				SR12	9/21/2017 3:57	0.07			
SR4	9/21/2017 4:17	0.06				SR12	9/21/2017 4:17	0.07			
SR4	9/21/2017 4:37	0.07				SR12	9/21/2017 4:37	0.07			
SR4	9/21/2017 4:57	0.05				SR12	9/21/2017 4:57	0.07			
SR4	9/21/2017 5:17	0.06				SR12	9/21/2017 5:17	0.06			
SR4	9/21/2017 5:37	0.06				SR12	9/21/2017 5:37	0.07			
SR4	9/21/2017 5:57	0.06				SR12	9/21/2017 5:57	0.08			
SR4						SR12					
SR4	9/21/2017 6:37	0.06				SR12	9/21/2017 6:37	0.06			
SR4	9/21/2017 6:57	0.08				SR12	9/21/2017 6:57	0.08			
SR4	9/21/2017 7:17	0.06				SR12	9/21/2017 7:17	0.09			
SR4	9/21/2017 7:37	0.06				SR12	9/21/2017 7:37	0.07			
SR4	9/21/2017 7:57	0.05				SR12	9/21/2017 7:57	0.07			
SR4	9/21/2017 8:17	0.07				SR12	9/21/2017 8:17	0.07			
SR4	9/21/2017 8:37	0.06				SR12	9/21/2017 8:37	0.08			
SR4	9/21/2017 8:57	0.08				SR12	9/21/2017 8:57	0.09			
SR4	9/21/2017 9:17	0.09				SR12	9/21/2017 9:17	0.08			
SR4	9/21/2017 9:37	0.07				SR12	9/21/2017 9:37	0.08			
SR4	9/21/2017 9:57	0.05				SR12	9/21/2017 9:57	0.08			
SR4	9/21/2017 10:17	0.06				SR12	9/21/2017 10:17	0.08			
SR4	9/21/2017 10:37	0.06				SR12	9/21/2017 10:37	0.06			
SR4	9/21/2017 10:57	0.08				SR12	9/21/2017 10:57	0.08			
SR4	9/21/2017 11:17	0.07				SR12	9/21/2017 11:17	0.08			
SR4	9/21/2017 11:37	0.05				SR12	9/21/2017 11:37	0.09			
SR4	9/21/2017 11:57	0.05				SR12	9/21/2017 11:57	0.09			
SR4	9/21/2017 12:17	0.07				SR12	9/21/2017 12:17	0.10			
SR4	9/21/2017 12:37	0.07				SR12	9/21/2017 12:37	0.08			
SR4	9/21/2017 12:57	0.07				SR12	9/21/2017 12:57	0.09			
SR4	9/21/2017 13:17	0.06				SR12	9/21/2017 13:17	0.10			
SR4	9/21/2017 13:37	0.06				SR12	9/21/2017 13:37	0.11			
SR4	9/21/2017 13:57	0.05				SR12	9/21/2017 13:57	0.08			
SR4	9/21/2017 14:17	0.05				SR12	9/21/2017 14:17	0.07			
SR4	9/21/2017 14:37	0.07				SR12	9/21/2017 14:37	0.05			
SR4	9/21/2017 14:57	0.07				SR12	9/21/2017 14:57	0.05			
SR4	9/21/2017 15:17	0.07				SR12	9/21/2017 15:17	0.07			
SR4	9/21/2017 15:37	0.06				SR12	9/21/2017 15:37	0.07			
SR4	9/21/2017 15:57	0.07				SR12	9/21/2017 15:57	0.05			
SR4	9/21/2017 16:17	0.06				SR12	9/21/2017 16:17	0.04			
SR4	9/21/2017 16:37	0.08				SR12	9/21/2017 16:37	0.06			
SR4	9/21/2017 16:57	0.06				SR12	9/21/2017 16:57	0.09			
SR4	9/21/2017 17:17	0.06				SR12	9/21/2017 17:17	0.08			
SR4	9/21/2017 17:37	0.08				SR12	9/21/2017 17:37	0.06			
SR4	9/21/2017 17:57	0.08				SR12	9/21/2017 17:57	0.05			
SR4	9/21/2017 18:17	0.06				SR12	9/21/2017 18:17	0.08			
SR4	9/21/2017 18:37	0.07				SR12	9/21/2017 18:37	0.06			
SR4	9/21/2017 18:57	0.06				SR12	9/21/2017 18:57	0.07			
SR4	9/21/2017 19:17	0.08				SR12	9/21/2017 19:17	0.08			
SR4	9/21/2017 19:37	0.08				SR12	9/21/2017 19:37	0.09			
SR4	9/21/2017 19:57	0.08				SR12	9/21/2017 19:57	0.07			
SR4	9/21/2017 20:17	0.06				SR12	9/21/2017 20:17	0.07			
SR4	9/21/2017 20:37	0.07				SR12	9/21/2017 20:37	0.09			
SR4	9/21/2017 20:57	0.05				SR12	9/21/2017 20:57	0.09			
SR4	9/21/2017 21:17	0.05				SR12	9/21/2017 21:17	0.08			
SR4	9/21/2017 21:37	0.04				SR12	9/21/2017 21:37	0.08			
SR4	9/21/2017 21:57	0.06				SR12	9/21/2017 21:57	0.08			
SR4	9/21/2017 22:17	0.07				SR12	9/21/2017 22:17	0.07			
SR4	9/21/2017 22:37	0.08				SR12	9/21/2017 22:37	0.06			
SR4	9/21/2017 22:57	0.09				SR12	9/21/2017 22:57	0.07			
SR4	9/21/2017 23:17	0.09				SR12	9/21/2017 23:17	0.07			
SR4	9/21/2017 23:37	0.07				SR12	9/21/2017 23:37	0.06			
SR4	9/21/2017 23:57	0.07				SR12	9/21/2017 23:57	0.09			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.
SR5 monitoring station was under maintenance during 9:20-9:40.

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR4	9/22/2017 0:01	29.62	75.3	5.68	5.3	SR4	9/22/2017 6:01	29.71	63.5	4.78	5.5	SR4	9/22/2017 12:01	29.79	73.8	5.58	6.2	SR4	9/22/2017 18:01	30.19	95.1	7.10	7.2
SR4	9/22/2017 0:06	29.58	75.7	5.71	4.3	SR4	9/22/2017 6:06	29.74	63.2	4.76	4.9	SR4	9/22/2017 12:06	29.89	73.9	5.58	6.7	SR4	9/22/2017 18:06	30.11	90.1	6.73	7.8
SR4	9/22/2017 0:11	29.60	74.6	5.62	8.0	SR4	9/22/2017 6:11	29.68	63.5	4.78	6.4	SR4	9/22/2017 12:11	29.73	74.1	5.60	6.3	SR4	9/22/2017 18:11	30.13	91.5	6.84	7.4
SR4	9/22/2017 0:16	29.66	74.7	5.63	3.1	SR4	9/22/2017 6:16	29.58	63.7	4.79	6.7	SR4	9/22/2017 12:16	29.67	75.4	5.70	6.4	SR4	9/22/2017 18:16	30.25	87.8	6.56	7.2
SR4	9/22/2017 0:21	29.72	74.9	5.64	4.1	SR4	9/22/2017 6:21	29.65	64.4	4.85	5.8	SR4	9/22/2017 12:21	29.79	72.0	5.40	6.1	SR4	9/22/2017 18:21	30.18	89.9	6.72	7.7
SR4	9/22/2017 0:26	29.78	74.7	5.62	4.1	SR4	9/22/2017 6:26	29.78	65.0	4.89	3.8	SR4	9/22/2017 12:26	29.71	72.5	5.43	6.6	SR4	9/22/2017 18:26	30.12	92.2	6.89	7.7
SR4	9/22/2017 0:31	29.63	74.6	5.62	7.6	SR4	9/22/2017 6:31	29.71	64.3	4.84	7.6	SR4	9/22/2017 12:31	29.68	72.8	5.45	6.6	SR4	9/22/2017 18:31	30.16	85.8	6.40	7.1
SR4	9/22/2017 0:36	29.69	74.8	5.63	6.3	SR4	9/22/2017 6:36	29.77	64.0	4.82	6.9	SR4	9/22/2017 12:36	29.74	74.1	5.54	6.5	SR4	9/22/2017 18:36	30.16	84.1	6.27	7.2
SR4	9/22/2017 0:41	29.74	75.0	5.65	5.4	SR4	9/22/2017 6:41	29.70	64.4	4.85	4.2	SR4	9/22/2017 12:41	29.84	75.7	5.66	6.1	SR4	9/22/2017 18:41	30.11	90.6	6.76	7.1
SR4	9/22/2017 0:46	29.60	74.5	5.62	6.8	SR4	9/22/2017 6:46	29.79	64.5	4.86	2.1	SR4	9/22/2017 12:46	29.72	80.7	6.02	6.6	SR4	9/22/2017 18:46	30.22	87.5	6.53	7.5
SR4	9/22/2017 0:51	29.61	73.8	5.56	6.8	SR4	9/22/2017 6:51	29.84	65.4	4.93	7.9	SR4	9/22/2017 12:51	29.75	82.2	6.10	6.4	SR4	9/22/2017 18:51	29.93	91.9	6.86	7.3
SR4	9/22/2017 0:56	29.61	71.8	5.41	7.3	SR4	9/22/2017 6:56	29.80	64.7	4.88	2.2	SR4	9/22/2017 12:56	29.67	79.9	5.96	6.1	SR4	9/22/2017 18:56	29.94	97.1	7.25	7.9
SR4	9/22/2017 1:01	29.75	71.6	5.39	6.3	SR4	9/22/2017 7:01	29.67	63.6	4.79	7.6	SR4	9/22/2017 13:01	29.79	83.8	6.20	6.2	SR4	9/22/2017 19:01	29.95	95.8	7.16	7.0
SR4	9/22/2017 1:06	29.68	72.8	5.48	2.0	SR4	9/22/2017 7:06	29.70	63.8	4.80	7.3	SR4	9/22/2017 13:06	29.86	83.6	6.18	6.1	SR4	9/22/2017 19:06	29.97	99.7	7.46	7.7
SR4	9/22/2017 1:11	29.79	72.3	5.44	4.6	SR4	9/22/2017 7:11	29.68	63.5	4.78	6.8	SR4	9/22/2017 13:11	29.93	81.6	6.03	6.2	SR4	9/22/2017 19:11	30.00	86.5	6.47	7.8
SR4	9/22/2017 1:16	29.69	71.6	5.39	7.6	SR4	9/22/2017 7:16	29.80	63.7	4.80	2.4	SR4	9/22/2017 13:16	29.91	84.3	6.24	6.2	SR4	9/22/2017 19:16	29.90	93.1	6.96	7.1
SR4	9/22/2017 1:21	29.78	72.8	5.48	7.0	SR4	9/22/2017 7:21	29.79	63.8	4.81	6.3	SR4	9/22/2017 13:21	29.95	83.7	6.19	6.1	SR4	9/22/2017 19:21	29.99	90.8	6.79	7.5
SR4	9/22/2017 1:26	29.68	71.8	5.41	6.8	SR4	9/22/2017 7:26	29.77	64.4	4.85	6.0	SR4	9/22/2017 13:26	30.07	86.0	6.36	6.1	SR4	9/22/2017 19:26	30.02	92.5	6.91	7.2
SR4	9/22/2017 1:31	29.74	71.8	5.41	5.9	SR4	9/22/2017 7:31	29.59	64.9	4.88	6.8	SR4	9/22/2017 13:31	30.00	85.1	6.30	6.3	SR4	9/22/2017 19:31	29.93	96.7	7.23	7.6
SR4	9/22/2017 1:36	29.76	72.6	5.47	6.1	SR4	9/22/2017 7:36	29.54	64.7	4.87	4.5	SR4	9/22/2017 13:36	29.99	85.8	6.31	6.3	SR4	9/22/2017 19:36	30.00	92.8	6.94	7.4
SR4	9/22/2017 1:41	29.70	72.1	5.43	6.3	SR4	9/22/2017 7:41	29.58	65.7	4.95	6.5	SR4	9/22/2017 13:41	29.99	87.0	6.46	6.5	SR4	9/22/2017 19:41	30.04	92.4	6.91	7.2
SR4	9/22/2017 1:46	29.77	72.8	5.48	3.2	SR4	9/22/2017 7:46	29.73	66.1	4.97	6.1	SR4	9/22/2017 13:46	30.07	89.4	6.67	6.7	SR4	9/22/2017 19:46	30.00	89.8	6.71	7.7
SR4	9/22/2017 1:51	29.62	73.8	5.57	5.4	SR4	9/22/2017 7:51	29.69	66.8	5.02	6.5	SR4	9/22/2017 13:51	29.84	87.5	6.51	6.4	SR4	9/22/2017 19:51	29.87	92.1	6.89	7.9
SR4	9/22/2017 1:56	29.67	73.4	5.54	2.7	SR4	9/22/2017 7:56	29.59	67.0	5.04	6.5	SR4	9/22/2017 13:56	30.01	84.4	6.29	6.7	SR4	9/22/2017 19:56	29.98	90.2	6.75	7.3
SR4	9/22/2017 2:01	29.61	72.7	5.48	2.8	SR4	9/22/2017 8:01	29.72	66.9	5.03	6.8	SR4	9/22/2017 14:01	30.17	84.2	6.28	6.8	SR4	9/22/2017 20:01	30.06	87.4	6.54	7.9
SR4	9/22/2017 2:06	29.66	72.3	5.44	2.6	SR4	9/22/2017 8:06	29.69	67.3	5.06	7.0	SR4	9/22/2017 14:06	30.00	86.6	6.45	6.8	SR4	9/22/2017 20:06	29.90	93.1	6.97	7.8
SR4	9/22/2017 2:11	29.62	72.5	5.46	6.6	SR4	9/22/2017 8:11	29.67	67.6	5.09	6.5	SR4	9/22/2017 14:11	29.80	88.4	6.60	6.9	SR4	9/22/2017 20:11	30.01	91.7	6.86	7.5
SR4	9/22/2017 2:16	29.69	72.2	5.44	5.6	SR4	9/22/2017 8:16	29.72	67.6	5.09	6.1	SR4	9/22/2017 14:16	30.04	88.0	6.55	7.0	SR4	9/22/2017 20:16	29.88	90.2	6.75	8.5
SR4	9/22/2017 2:21	29.63	71.9	5.42	4.8	SR4	9/22/2017 8:21	29.81	67.8	5.10	6.1	SR4	9/22/2017 14:21	29.84	85.3	6.34	7.4	SR4	9/22/2017 20:21	29.92	89.9	6.73	7.9
SR4	9/22/2017 2:26	29.72	70.8	5.34	2.4	SR4	9/22/2017 8:26	29.81	67.6	5.09	6.2	SR4	9/22/2017 14:26	29.71	82.5	6.12	7.1	SR4	9/22/2017 20:26	29.90	93.3	6.98	8.4
SR4	9/22/2017 2:31	29.55	70.0	5.28	7.7	SR4	9/22/2017 8:31	29.72	67.8	5.10	6.1	SR4	9/22/2017 14:31	29.87	84.9	6.36	7.2	SR4	9/22/2017 20:31	29.98	89.7	6.71	8.3
SR4	9/22/2017 2:36	29.55	70.0	5.28	3.0	SR4	9/22/2017 8:36	29.84	69.6	5.24	6.1	SR4	9/22/2017 14:36	30.24	82.0	6.12	7.0	SR4	9/22/2017 20:36	29.87	91.0	6.81	8.4
SR4	9/22/2017 2:41	29.61	71.3	5.37	5.9	SR4	9/22/2017 8:41	29.84	69.7	5.25	6.3	SR4	9/22/2017 14:41	30.29	84.4	6.30	8.0	SR4	9/22/2017 20:41	29.92	92.9	6.95	8.4
SR4	9/22/2017 2:46	29.38	70.4	5.31	5.1	SR4	9/22/2017 8:46	29.81	70.8	5.33	6.2	SR4	9/22/2017 14:46	30.29	87.5	6.55	8.0	SR4	9/22/2017 20:46	30.00	94.4	7.07	7.5
SR4	9/22/2017 2:51	29.32	69.7	5.25	5.6	SR4	9/22/2017 8:51	29.71	70.5	5.31	6.4	SR4	9/22/2017 14:51	30.35	84.6	6.34	7.0	SR4	9/22/2017 20:51	29.88	93.5	7.00	8.2
SR4	9/22/2017 2:56	29.47	70.0	5.27	3.4	SR4	9/22/2017 8:56	29.75	70.2	5.29	7.0	SR4	9/22/2017 14:56	30.05	81.6	6.12	7.1	SR4	9/22/2017 20:56	29.92	88.4	6.62	8.4
SR4	9/22/2017 3:01	29.30	69.7	5.25	2.0	SR4	9/22/2017 9:01	29.85	70.7	5.33	6.8	SR4	9/22/2017 15:01	30.38	82.5	6.17	8.0	SR4	9/22/2017 21:01	29.84	86.3	6.46	8.5
SR4	9/22/2017 3:06	29.25	70.1	5.28	6.6	SR4	9/22/2017 9:06	29.83	70.5	5.31	6.8	SR4	9/22/2017 15:06	30.05	80.6	6.03	8.0	SR4	9/22/2017 21:06	29.97	84.9	6.35	7.9
SR4	9/22/2017 3:11	29.28	70.4	5.30	5.8	SR4	9/22/2017 9:11	29.85	71.1	5.35	6.8	SR4	9/22/2017 15:11	30.13	84.7	6.34	7.5	SR4	9/22/2017 21:11	29.93	88.3	6.61	7.5
SR4	9/22/2017 3:16	29.11	70.1	5.28	5.7	SR4	9/22/2017 9:16	29.77	71.1	5.36	6.1	SR4	9/22/2017 15:16	30.06	85.3	6.38	7.8	SR4	9/22/2017 21:16	29.94	85.8	6.43	8.3
SR4	9/22/2017 3:21	29.12	70.6	5.32	7.0	SR4	9/22/2017 9:21	29.84	72.2	5.44	7.0	SR4	9/22/2017 15:21	30.18	89.9	6.72	7.4	SR4	9/22/2017 21:21	29.97	86.8	6.51	7.9
SR4	9/22/2017 3:26	28.90	70.3	5.30	7.3	SR4	9/22/2017 9:26	29.72	72.7	5.48	6.7	SR4	9/22/2017 15:26	30.18	85.5	6.39	7.0	SR4	9/22/2017 21:26	29.93	90.0	6.75	7.5
SR4	9/22/2017 3:31	28.73	69.8	5.26	5.8	SR4	9/22/2017 9:31	29.85	72.6	5.47	6.3	SR4	9/22/2017 15:31	30.12	85.5	6.39	8.0	SR4	9/22/2017 21:31	29.94	88.7	6.66	7.5
SR4	9/22/2017 3:36	28.70	69.3	5.22	5.3	SR4	9/22/2017 9:36	29.81	72.0	5.43	6.3	SR4	9/22/2017 15:36	30.03	83.5	6.24	7.1	SR4	9/22/2017 21:36	30.02	89.7	6.73	8.0
SR4	9/22/2017 3:41	28.54	69.1	5.21	2.7	SR4	9/22/2017 9:41	29.80	72.5	5.47	6.3	SR4	9/22/2017 15:41	29.92	83.9	6.28	7.9	SR4	9/22/2017 21:41	30.00	89.7	6.74	8.4
SR4	9/22/2017 3:46	28.52	68.9	5.18	7.2	SR4	9/22/2017 9:46	29.82	73.2	5.52	7.0	SR4	9/22/2017 15:46	29.97	82.8	6.20	7.2	SR4	9/22/2017 21:46	29.96	87.1	6.54	7.7
SR4	9/22/2017 3:51	28.66	69.2	5.21	5.3	SR4	9/22/2017 9:51	29.80	74.4	5.61	6.1	SR4	9/22/2017 15:51	29.94	87.3	6.54	7.3	SR4	9/22/2017 21:51	29.98	89.0	6.69	7.8
SR4	9/22/2017 3:56	28.62	68.8	5.18	6.9	SR4	9/22/2017 9:56	29.79	73.5	5.55	6.9	SR4	9/22/2017 15:56	30.05	82.7	6.20	7.0	SR4	9/22/2017 21:56	29.87	87.7	6.59	8.5
SR4	9/22/2017 4:01	28.63	68.3	5.14	2.0	SR4	9/22/2017 10:01	29.70	73.7	5.56	6.5	SR4	9/22/2017 16:01	30.01	84.2	6.29	7.7	SR4	9/22/2017 22:01	29.86	88.3	6.63	8.0
SR4	9/22/2017 4:06	28.66	67.9	5.11	3.3	SR4	9/22/2017 10:06	29.71	73.7	5.56	6.4	SR4	9/22/2017 16:06	30.18	84.1	6.29	7.9	SR4	9/22/2017 22:06	29.91	88.7	6.67	7.6
SR4	9/22/2017 4:11	28.65	68.1	5.12	6.6	SR4	9/22/2017 10:11	29.86	73.8	5.56	6.2	SR4	9/22/2017 16:11	30.38	87.3	6.54	7.8	SR4	9/22/2017 22:11	29.86	90.1	6.78	7.7
SR4	9/22/2017 4:16	28.70	68.7	5.16	6.1	SR4						SR4	9/22/2017 16:16	30.62	83.6	6.27	7.3	SR4	9/22/2017 22:16	29.71	89.2	6.71	7.7
SR4	9/22/2017 4:21	28.70	68.1	5.12	5.8	SR4						SR4	9/22/2017 16:21	30.50	86.0	6.44	7.7	SR4	9/22/2017 22:21	29.72	85.4	6.43	8.2
SR4	9/22/2017 4:26	28.69	68.0	5.11	3.5	SR4						SR4	9/22/2017 16:26	30.46	93.2	6.98	7.8	SR4	9/22/2017 22:26	29.68	85.1	6.41	8.4
SR4	9/22/2017 4:31	28.50	67.7	5.09	3.3	SR4						SR4	9/22/2017 16:31	30.15	89.2	6.68	7.7	SR4	9/22/2017 22:31	29.63	83.4	6.28	8.5
SR4	9/22/2017 4:36	28.61	66.6	5.01	2.9	SR4						SR4	9/22/2017 16:36	30.42	93.2	6.99	7.9	SR4	9/22/2017 22:36	29.55	85.5	6.44	8.1
SR4	9/22/2017 4:41	28.57	66.2	4.98	2.2	SR4						SR4	9/22/2017 16:41	30.22	88.3	6.59	7.2	SR4	9/22/2017 22:41	29.54	85.5	6.44	8.2
SR4	9/22/2017 4:46	28.59	66.1	4.97	3.1	SR4						SR4	9/22/2017 16:46	30.28	85.3	6.35	7.4	SR4	9/22/2017 22:46	29.58	82.9	6.24	7.7
SR4	9/22/2017 4:51	28.61	65.7	4.94	4.7	SR4						SR4	9/22/2017 16:51	30.40	84.3	6.28	8.0	SR4	9/22/2017 22:51	29.62	86.1	6.49	8.4
SR4	9/22/2017 4:56	28.71	65.8	4.95	7.3	SR4						SR4	9/22/2017 16:56	30.53	86.7	6.46	7.3	SR4	9/22/2017 22:56	29.61	82.3	6.20	8.2
SR4	9/22/2017 5:01	28.66	65.8	4.95	5.3	SR4						SR4	9/22/2017 17:01	30.47	84.3	6.29	7.3	SR4	9/22/2017 23:01	29.55	77.0	5.80	8.3
SR4	9/22/2017 5:06	28.85	64.6	4.86	6.3	SR4						SR4	9/22/2017 17:06	30.47	86.9	6.48	7.8	SR4	9/22/2017 23:06	29.70	79.0	5.95	7.9
SR4	9/22/2017 5:11	28.87	64.2	4.83	3.4	SR4						SR4	9/22/2017 17:11	30.26	91.4	6.82	7.4	SR4	9/22/2017 23:11	29.56	78.2	5.90	8.1
SR4	9/22/2017 5:16	28.84	63.8	4.80	3.1	SR4						SR4	9/22/2017 17:16	30.20	91.1	6.80	7.2	SR4	9/22/2017 23:16	29.63	83.3	6.28	8.0
SR4	9/22/2017 5:21	28.91	63.7	4.79	3.8	SR4	9/22/2017 11:21	29.58	74.5	5.63	6.7	SR4	9/22/2017 17:21	30.22	92.7	6.91	7.2	SR4	9/22/2017 23:21	29.73	82.7	6.23	8.2
SR4	9/22/2017 5:26	28.88	64.1	4.83	5.1	SR4	9/22/2017 11:26	29.61	74.4	5.62	6.3	SR4	9/22/2017 17:26	30.05	92.0	6.86	7.3	SR4	9/22/2017 23:26	29.69	83.2	6.27	7.9
SR4	9/22/2017 5:31	28.89	63.8	4.80	5.3	SR4	9/22/2017 11:31	29.82	73.8	5.57	6.7	SR4	9/22/2017 17:31	30.04	88.4	6.58	7.1	SR4	9/22/2017 23:31	29.60	80.2	6.04	7.7
SR4	9/22/2017 5:36	29.00	64.2	4.83	3.8	SR4	9/22/2017 11:36	29.85	75.0	5.66	6.3	SR4	9/22/2017 17:36	30.25	85.2	6.35	7.9	SR4	9/22/2017 23:36	29.57	81.5	6.14	8.4
SR4	9/22/2017 5:41	29.13	64.2	4.84	5.1	SR4	9/22/2017 11:41	29.79	74.2	5.60	6.8	SR4	9/22/2017 17:41	30.16	88.8	6.62	7.9	SR4	9/22/2017 23:41	29.66	83.0	6.26	7.7
SR4	9/22/2017 5:46	29.21	63.0	4.75	3.9	SR4	9/22/2017 11:46	29.81	74.0	5.59	6.4	SR4	9/22/2017 17:46	30.20	89.8	6.70	7.3	SR4	9/22/2017 23:46	29.79	83.2	6.27	8.4
SR4	9/22/2017 5:51	29.42	62.7	4.72	4.9	SR4	9/22/2017 11:51	29.88	75.6	5.71	6.1	SR4	9/22/2017 17:51	30.18	82.7	6.17	7.8	SR4	9/22/2017 23:51	29.76	82.8	6.24	8.4
SR4	9/22/2017 5:56	29.62	62.2	4.68	3.1	SR4	9/22/2017 11:56	29.82	74.0	5.59	6.4	SR4	9/22/2017 17:56	30.20	90.0	6.71	7.6	SR4	9/22/2017 23:56	29.71	83.0	6.25	7.5

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR5	9/22/2017 0:00	29.48	75.8	5.57	2.7	SR5	9/22/2017 6:00	29.57	69.6	5.29	2.4	SR5	9/22/2017 12:00	29.65	74.2	5.46	2.8	SR5	9/22/2017 18:00	29.99	84.9	6.22	2.9
SR5	9/22/2017 0:05	29.56	74.8	5.50	2.4	SR5	9/22/2017 6:05	29.58	70.9	5.40	2.8	SR5	9/22/2017 12:05	29.69	74.6	5.48	2.9	SR5	9/22/2017 18:05	29.88	83.2	6.09	3.2
SR5	9/22/2017 0:10	29.63	73.8	5.42	3.0	SR5	9/22/2017 6:10	29.57	71.1	5.41	2.7	SR5	9/22/2017 12:10	29.65	74.5	5.47	3.1	SR5	9/22/2017 18:10	29.86	83.9	6.15	3.2
SR5	9/22/2017 0:15	29.68	74.3	5.46	2.1	SR5	9/22/2017 6:15	29.55	69.6	5.29	2.7	SR5	9/22/2017 12:15	29.62	74.4	5.47	2.7	SR5	9/22/2017 18:15	29.90	80.2	5.87	3.1
SR5	9/22/2017 0:20	29.67	74.7	5.48	2.4	SR5	9/22/2017 6:20	29.58	71.4	5.43	2.6	SR5	9/22/2017 12:20	29.59	74.0	5.42	3.1	SR5	9/22/2017 18:20	29.87	81.8	5.99	3.0
SR5	9/22/2017 0:25	29.65	74.2	5.44	2.2	SR5	9/22/2017 6:25	29.62	71.9	5.47	2.5	SR5	9/22/2017 12:25	29.59	72.5	5.31	3.1	SR5	9/22/2017 18:25	29.92	83.4	6.11	2.9
SR5	9/22/2017 0:30	29.62	73.6	5.40	3.0	SR5	9/22/2017 6:30	29.63	70.5	5.36	3.1	SR5	9/22/2017 12:30	29.61	72.8	5.33	2.8	SR5	9/22/2017 18:30	30.03	80.0	5.85	3.0
SR5	9/22/2017 0:35	29.63	74.3	5.45	3.1	SR5	9/22/2017 6:35	29.63	69.9	5.32	3.1	SR5	9/22/2017 12:35	29.59	75.2	5.50	2.8	SR5	9/22/2017 18:35	30.07	78.8	5.76	2.8
SR5	9/22/2017 0:40	29.61	74.8	5.49	2.5	SR5	9/22/2017 6:40	29.64	71.2	5.42	2.7	SR5	9/22/2017 12:40	29.58	75.7	5.53	3.0	SR5	9/22/2017 18:40	30.04	83.5	6.11	3.0
SR5	9/22/2017 0:45	29.59	74.0	5.43	2.9	SR5	9/22/2017 6:45	29.64	71.1	5.42	2.3	SR5	9/22/2017 12:45	29.59	76.8	5.61	2.9	SR5	9/22/2017 18:45	30.02	81.1	5.93	3.0
SR5	9/22/2017 0:50	29.57	73.4	5.39	3.2	SR5	9/22/2017 6:50	29.65	72.1	5.49	3.1	SR5	9/22/2017 12:50	29.57	77.5	5.65	2.8	SR5	9/22/2017 18:50	29.85	83.0	6.08	2.9
SR5	9/22/2017 0:55	29.56	73.9	5.42	3.1	SR5	9/22/2017 6:55	29.65	71.4	5.44	2.3	SR5	9/22/2017 12:55	29.56	77.8	5.68	2.7	SR5	9/22/2017 18:55	29.85	85.7	6.28	3.0
SR5	9/22/2017 1:00	29.55	73.3	5.37	3.0	SR5	9/22/2017 7:00	29.65	70.0	5.33	2.9	SR5	9/22/2017 13:00	29.74	79.9	5.81	2.8	SR5	9/22/2017 19:00	29.84	85.3	6.25	2.9
SR5	9/22/2017 1:05	29.58	73.2	5.37	2.1	SR5	9/22/2017 7:05	29.63	70.5	5.36	3.3	SR5	9/22/2017 13:05	29.91	79.4	5.78	2.7	SR5	9/22/2017 19:05	29.85	86.9	6.38	3.0
SR5	9/22/2017 1:10	29.59	73.3	5.38	2.6	SR5	9/22/2017 7:10	29.63	70.8	5.38	2.8	SR5	9/22/2017 13:10	29.77	78.8	5.73	2.9	SR5	9/22/2017 19:10	29.84	79.7	5.84	3.3
SR5	9/22/2017 1:15	29.59	72.9	5.35	3.2	SR5	9/22/2017 7:15	29.62	70.9	5.40	2.1	SR5	9/22/2017 13:15	29.80	78.7	5.73	2.9	SR5	9/22/2017 19:15	29.82	84.7	6.20	2.8
SR5	9/22/2017 1:20	29.57	73.5	5.39	3.2	SR5	9/22/2017 7:20	29.59	71.5	5.44	2.7	SR5	9/22/2017 13:20	29.88	78.5	5.71	3.0	SR5	9/22/2017 19:20	29.91	82.5	6.04	2.8
SR5	9/22/2017 1:25	29.57	73.9	5.42	2.7	SR5	9/22/2017 7:25	29.57	71.5	5.44	2.7	SR5	9/22/2017 13:25	30.02	79.9	5.82	2.8	SR5	9/22/2017 19:25	29.85	82.9	6.07	3.2
SR5	9/22/2017 1:30	29.58	73.4	5.38	2.9	SR5	9/22/2017 7:30	29.55	70.3	5.35	3.1	SR5	9/22/2017 13:30	29.99	79.2	5.77	2.8	SR5	9/22/2017 19:30	29.85	85.3	6.25	3.1
SR5	9/22/2017 1:35	29.57	73.7	5.41	3.0	SR5	9/22/2017 7:35	29.51	70.3	5.35	2.4	SR5	9/22/2017 13:35	29.96	79.3	5.75	2.7	SR5	9/22/2017 19:35	29.84	83.6	6.13	2.9
SR5	9/22/2017 1:40	29.57	73.6	5.40	3.0	SR5	9/22/2017 7:40	29.53	71.9	5.48	2.6	SR5	9/22/2017 13:40	29.91	81.3	5.93	2.8	SR5	9/22/2017 19:40	29.84	82.7	6.06	2.8
SR5	9/22/2017 1:45	29.57	74.4	5.46	2.1	SR5	9/22/2017 7:45	29.52	71.6	5.45	2.7	SR5	9/22/2017 13:45	29.90	82.5	6.03	2.8	SR5	9/22/2017 19:45	29.84	82.7	6.05	3.1
SR5	9/22/2017 1:50	29.56	75.0	5.51	2.5	SR5	9/22/2017 7:50	29.55	72.8	5.53	2.9	SR5	9/22/2017 13:50	29.84	80.5	5.88	2.8	SR5	9/22/2017 19:50	29.83	83.9	6.15	3.1
SR5	9/22/2017 1:55	29.56	74.3	5.46	2.1	SR5	9/22/2017 7:55	29.53	73.1	5.57	3.1	SR5	9/22/2017 13:55	29.80	79.0	5.78	3.0	SR5	9/22/2017 19:55	29.86	81.6	5.98	3.3
SR5	9/22/2017 2:00	29.56	73.8	5.42	2.0	SR5	9/22/2017 8:00	29.51	71.5	5.44	2.8	SR5	9/22/2017 14:00	30.08	80.2	5.86	3.2	SR5	9/22/2017 20:00	29.85	81.5	5.97	3.0
SR5	9/22/2017 2:05	29.55	72.9	5.34	2.3	SR5	9/22/2017 8:05	29.53	72.9	5.54	3.0	SR5	9/22/2017 14:05	29.97	79.8	5.83	2.9	SR5	9/22/2017 20:05	29.80	83.6	6.13	3.0
SR5	9/22/2017 2:10	29.54	74.1	5.44	3.1	SR5	9/22/2017 8:10	29.53	72.0	5.49	3.0	SR5	9/22/2017 14:10	29.74	80.7	5.91	2.8	SR5	9/22/2017 20:10	29.84	83.5	6.12	3.0
SR5	9/22/2017 2:15	29.54	72.9	5.35	2.5	SR5	9/22/2017 8:15	29.56	72.5	5.52	2.8	SR5	9/22/2017 14:15	29.99	80.7	5.90	3.0	SR5	9/22/2017 20:15	29.83	81.5	5.97	3.2
SR5	9/22/2017 2:20	29.56	73.6	5.40	2.8	SR5	9/22/2017 8:20	29.62	71.7	5.46	2.8	SR5	9/22/2017 14:20	29.76	80.1	5.85	2.8	SR5	9/22/2017 20:20	29.82	82.4	6.04	3.3
SR5	9/22/2017 2:25	29.55	72.5	5.32	2.2	SR5	9/22/2017 8:25	29.65	72.4	5.51	2.9	SR5	9/22/2017 14:25	29.74	78.6	5.73	3.2	SR5	9/22/2017 20:25	29.82	83.9	6.15	3.3
SR5	9/22/2017 2:30	29.55	71.8	5.27	2.9	SR5	9/22/2017 8:30	29.65	72.5	5.52	2.9	SR5	9/22/2017 14:30	29.80	80.1	5.87	3.2	SR5	9/22/2017 20:30	29.82	82.7	6.06	3.2
SR5	9/22/2017 2:35	29.55	72.8	5.34	2.3	SR5	9/22/2017 8:35	29.65	72.6	5.32	2.7	SR5	9/22/2017 14:35	30.04	78.1	5.71	3.2	SR5	9/22/2017 20:35	29.83	83.5	6.12	3.1
SR5	9/22/2017 2:40	29.56	72.5	5.32	2.9	SR5	9/22/2017 8:40	29.64	72.3	5.30	2.8	SR5	9/22/2017 14:40	30.32	80.0	5.85	3.0	SR5	9/22/2017 20:40	29.84	84.3	6.18	3.1
SR5	9/22/2017 2:45	29.57	72.1	5.29	2.7	SR5	9/22/2017 8:45	29.64	71.8	5.27	2.8	SR5	9/22/2017 14:45	30.22	81.4	5.97	3.0	SR5	9/22/2017 20:45	29.81	83.6	6.13	3.1
SR5	9/22/2017 2:50	29.56	73.0	5.35	3.0	SR5	9/22/2017 8:50	29.66	72.7	5.33	3.0	SR5	9/22/2017 14:50	30.28	80.5	5.90	3.2	SR5	9/22/2017 20:50	29.79	83.2	6.11	3.4
SR5	9/22/2017 2:55	29.57	71.6	5.25	2.1	SR5	9/22/2017 8:55	29.68	72.4	5.31	2.8	SR5	9/22/2017 14:55	29.87	78.8	5.78	2.7	SR5	9/22/2017 20:55	29.81	80.6	5.91	3.4
SR5	9/22/2017 3:00	29.58	73.0	5.35	2.3	SR5	9/22/2017 9:00	29.66	72.5	5.32	2.7	SR5	9/22/2017 15:00	30.27	78.4	5.74	3.0	SR5	9/22/2017 21:00	29.83	80.0	5.86	3.3
SR5	9/22/2017 3:05	29.55	72.2	5.30	2.8	SR5	9/22/2017 9:05	29.65	71.6	5.25	2.7	SR5	9/22/2017 15:05	30.00	77.8	5.69	3.1	SR5	9/22/2017 21:05	29.83	78.9	5.78	3.4
SR5	9/22/2017 3:10	29.55	71.5	5.24	2.7	SR5	9/22/2017 9:10	29.67	71.9	5.27	3.1	SR5	9/22/2017 15:10	30.13	80.3	5.88	3.0	SR5	9/22/2017 21:10	29.83	81.6	5.98	3.2
SR5	9/22/2017 3:15	29.56	71.8	5.27	2.5	SR5	9/22/2017 9:15	29.66	72.5	5.32	2.9	SR5	9/22/2017 15:15	30.00	79.0	5.79	3.3	SR5	9/22/2017 21:15	29.81	80.2	5.88	3.0
SR5	9/22/2017 3:20	29.57	72.9	5.35	2.9	SR5	9/22/2017 9:20	29.67	72.4	5.31	3.2	SR5	9/22/2017 15:20	30.18	82.6	6.05	3.0	SR5	9/22/2017 21:20	29.77	81.3	5.96	3.3
SR5	9/22/2017 3:25	29.56	72.7	5.33	2.8	SR5	9/22/2017 9:25	29.69	74.5	5.47	2.8	SR5	9/22/2017 15:25	30.28	80.9	5.92	2.9	SR5	9/22/2017 21:25	29.80	81.9	6.01	2.8
SR5	9/22/2017 3:30	29.54	72.7	5.33	3.0	SR5	9/22/2017 9:30	29.71	72.7	5.33	2.7	SR5	9/22/2017 15:30	29.99	79.4	5.81	3.3	SR5	9/22/2017 21:30	29.81	80.7	5.93	3.0
SR5	9/22/2017 3:35	29.53	72.8	5.34	2.6	SR5	9/22/2017 9:35	29.69	73.1	5.37	2.8	SR5	9/22/2017 15:35	29.95	78.8	5.77	3.1	SR5	9/22/2017 21:35	29.80	81.6	5.99	3.2
SR5	9/22/2017 3:40	29.56	72.2	5.29	2.2	SR5	9/22/2017 9:40	29.64	74.4	5.46	2.8	SR5	9/22/2017 15:40	29.90	79.6	5.83	3.2	SR5	9/22/2017 21:40	29.80	81.9	6.02	3.1
SR5	9/22/2017 3:45	29.56	71.5	5.24	3.2	SR5	9/22/2017 9:45	29.64	73.4	5.39	3.0	SR5	9/22/2017 15:45	29.85	77.8	5.70	2.9	SR5	9/22/2017 21:45	29.87	81.0	5.94	2.8
SR5	9/22/2017 3:50	29.60	72.4	5.31	2.9	SR5	9/22/2017 9:50	29.65	74.5	5.47	2.7	SR5	9/22/2017 15:50	29.77	80.1	5.88	3.3	SR5	9/22/2017 21:50	29.89	82.6	6.07	3.1
SR5	9/22/2017 3:55	29.61	71.1	5.21	2.8	SR5	9/22/2017 9:55	29.68	74.3	5.46	2.8	SR5	9/22/2017 15:55	29.88	78.5	5.75	3.2	SR5	9/22/2017 21:55	29.83	80.5	5.91	3.3
SR5	9/22/2017 4:00	29.63	70.6	5.17	2.2	SR5	9/22/2017 10:00	29.68	73.6	5.40	2.6	SR5	9/22/2017 16:00	29.93	80.3	5.87	2.9	SR5	9/22/2017 22:00	29.76	82.3	6.04	3.1
SR5	9/22/2017 4:05	29.62	71.5	5.24	2.2	SR5	9/22/2017 10:05	29.65	74.8	5.49	3.0	SR5	9/22/2017 16:05	29.93	79.9	5.85	2.9	SR5	9/22/2017 22:05	29.68	81.1	5.96	3.0
SR5	9/22/2017 4:10	29.64	71.9	5.27	2.6	SR5	9/22/2017 10:10	29.71	73.3	5.38	3.1	SR5	9/22/2017 16:10	30.36	81.5	5.97	2.9	SR5	9/22/2017 22:10	29.70	81.4	5.99	3.1
SR5	9/22/2017 4:15	29.64	72.5	5.51	3.0	SR5	9/22/2017 10:15	29.65	74.5	5.47	2.7	SR5	9/22/2017 16:15	30.53	78.9	5.79	3.3	SR5	9/22/2017 22:15	29.56	80.9	5.95	3.2
SR5	9/22/2017 4:20	29.64	71.7	5.46	2.5	SR5	9/22/2017 10:20	29.64	73.4	5.39	3.0	SR5	9/22/2017 16:20	30.48	80.7	5.91	2.9	SR5	9/22/2017 22:20	29.54	79.2	5.82	3.0
SR5	9/22/2017 4:25	29.62	72.3	5.50	2.4	SR5	9/22/2017 10:25	29.70	73.2	5.38	3.1	SR5	9/22/2017 16:25	30.26	83.0	6.09	2.9	SR5	9/22/2017 22:25	29.54	79.7	5.86	3.3
SR5	9/22/2017 4:30	29.64	72.7	5.53	2.2	SR5	9/22/2017 10:30	29.64	74.3	5.45	3.1	SR5	9/22/2017 16:30	29.99	81.1	5.95	3.0	SR5	9/22/2017 22:30	29.51	79.7	5.86	3.4
SR5	9/22/2017 4:35	29.63	72.6	5.52	2.0	SR5	9/22/2017 10:35	29.65	72.8	5.35	3.0	SR5	9/22/2017 16:35	30.27	83.6	6.14	3.1	SR5	9/22/2017 22:35	29.48	79.5	5.85	3.4
SR5	9/22/2017 4:40	29.63	72.5	5.51	2.1	SR5	9/22/2017 10:40	29.62	72.7	5.34	3.0	SR5	9/22/2017 16:40	30.22	81.8	5.98	2.7	SR5	9/22/2017 22:40	29.49	79.2	5.83	3.2
SR5	9/22/2017 4:45	29.63	72.2	5.49	2.4	SR5	9/22/2017 10:45	29.58	74.6	5.47	2.9	SR5	9/22/2017 16:45	30.28	79.0	5.77	3.2	SR5	9/22/2017 22:45	29.49	78.2	5.74	3.0
SR5	9/22/2017 4:50	29.63	71.4	5.43	2.7	SR5	9/22/2017 10:50	29.54	74.5	5.47	2.6	SR5	9/22/2017 16:50	30.22	79.8	5.83	3.1	SR5	9/22/2017 22:50	29.50	79.8	5.87	3.2
SR5	9/22/2017 4:55	29.63	71.9	5.47	2.9	SR5	9/22/2017 10:55	29.55	74.3	5.46	2.8	SR5	9/22/2017 16:55	30.44	80.8	5.91	2.8	SR5	9/22/2017 22:55	29.51	77.9	5.72	3.1
SR5	9/22/2017 5:00	29.63	72.3	5.50	2.9	SR5	9/22/2017 11:00	29.61	74.3	5.45	3.0	SR5	9/22/2017 17:00	30.26	79.8	5.84	2.9	SR5	9/22/2017 23:00	29.53	76.2	5.59	3.1
SR5	9/22/2017 5:05	29.61	71.2	5.42	2.9	SR5	9/22/2017 11:05	29.57	74.1	5.44	2.7	SR5	9/22/2017 17:05	30.33	81.1	5.93	3.2	SR5	9/22/2017 23:05	29.53	75.9	5.58	3.3
SR5	9/22/2017 5:10	29.61	70.6	5.37	2.5	SR5	9/22/2017 11:10	29.61	75.7	5.56	2.8	SR5	9/22/2017 17:10	30.22	82.7	6.05	2.8	SR5	9/22/2017 23:10	29.53	77.1	5.67	3.2
SR5	9/22/2017 5:15	29.62	69.7	5.30	2.2	SR5	9/22/2017 11:15	29.54	74.0	5.44	2.6	SR5	9/22/2017 17:15	30.04	82.6	6.05	2.8	SR5	9/22/2017 23:15	29.53	79.5	5.85	3.0
SR5	9/22/2017 5:20	29.60	70.4	5.35	2.2	SR5	9/22/2017 11:20	29.47	75.2	5.53	2.9	SR5	9/22/2017 17:20	30.05	84.2	6.16	2.9	SR5	9/22/2017 23:20	29.54	78.6	5.78	2.9
SR5	9/22/2017 5:25	29.60	71.0	5.41	2.6	SR5	9/22/2017 11:25	29.45	75.0	5.51	2.7	SR5	9/22/2017 17:25	29.96	82.5	6.04	2.8	SR5	9/22/2017 23:25	29.54	78.4	5.76	3.4
SR5	9/22/2017 5:30	29.60	70.8	5.38	2.6	SR5	9/22/2017 11:30	29.60	75.0	5.51	2.9	SR5	9/22/2017 17:30	30.07	81.3	5.94	3.2	SR5	9/22/2017 23:30	29.58	77.9	5.72	3.4
SR5	9/22/2017 5:35	29.61	70.0	5.32	2.5	SR5	9/22/2017 11:35	29.67	73.9	5.43	2.8	SR5	9/22/2017 17:35	30.11	79.1	5.78	3.0	SR5	9/22/2017 23:35	29.56	78.1	5.74	3.5
SR5	9/22/2017 5:40	29.61	70.6	5.37	2.7	SR5	9/22/2017 11:40	29.71	75.1	5.51	2.9	SR5	9/22/2017 17:40	30.08	82.4	6.03	3.4	SR5	9/22/2017 23:40	29.63	77.9	5.73	3.4
SR5	9/22/2017 5:45	29.61	70.4	5.36	2.4	SR5	9/22/2017 11:45	29.71	73.5	5.40	2.9	SR5	9/22/2017 17:45	30.11	82.6	6.04	3.3	SR5	9/22/2017 23:45	29.66	85.0	6.05	3.5
SR5	9/22/2017 5:50	29.61	69.9	5.32	2.3	SR5	9/22/2017 11:50	29.70	74.1	5.45	3.0	SR5	9/22/2017 17:50	30.07	78.3	5.72	3.3	SR5	9/22/2017 23:50	29.65	84.6	6.02	3.5
SR5	9/22/2017 5:55	29.59	69.3	5.27	2.4	SR5	9/22/2017 11:55	29.69	74.1	5.44	2.9	SR5	9/22/2017 17:55	30.07	82.7	6.05	3.1	SR5	9/22/2017 23:55	29.63	85.2	6.06	3.3

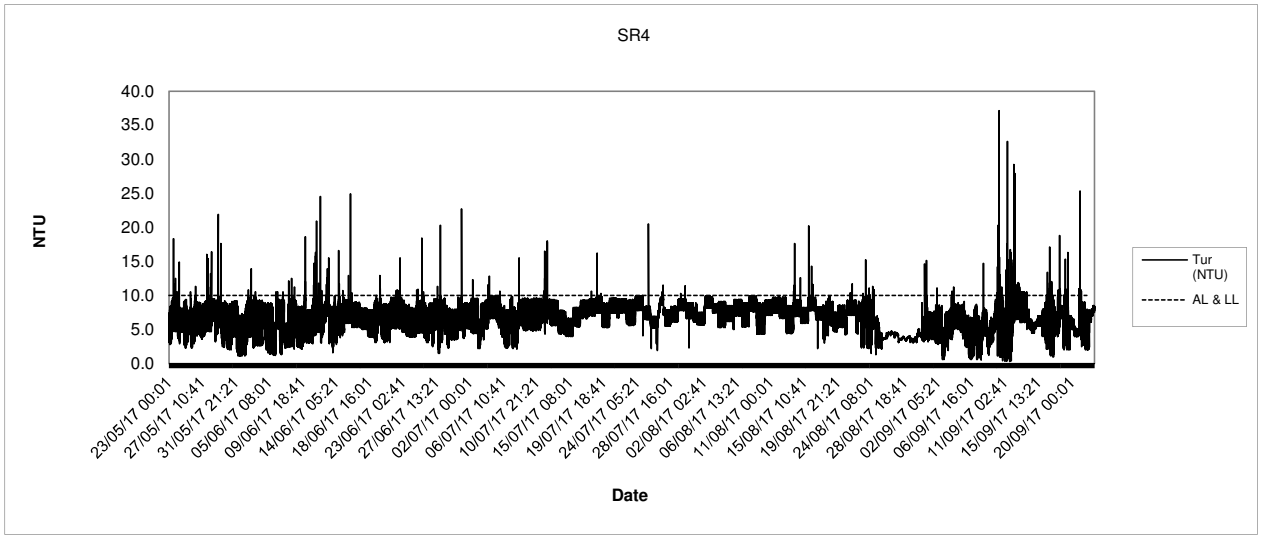
Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR12	9/22/2017 0:01	29.55	73.1	5.37	5.9	SR12	9/22/2017 6:01	29.48	67.7	4.96	6.6	SR12	9/22/2017 12:01	29.69	72.8	5.35	5.8	SR12	9/22/2017 18:01	30.07	83.3	6.10	7.2
SR12	9/22/2017 0:06	29.55	73.4	5.39	4.9	SR12	9/22/2017 6:06	29.54	68.1	4.99	5.7	SR12	9/22/2017 12:06	29.70	72.5	5.33	6.5	SR12	9/22/2017 18:06	30.07	81.5	5.97	6.5
SR12	9/22/2017 0:11	29.57	73.0	5.36	7.4	SR12	9/22/2017 6:11	29.55	67.5	4.95	6.8	SR12	9/22/2017 12:11	29.70	72.7	5.35	6.4	SR12	9/22/2017 18:11	30.13	81.3	5.96	7.2
SR12	9/22/2017 0:16	29.59	72.4	5.32	4.8	SR12	9/22/2017 6:16	29.50	67.6	4.95	6.4	SR12	9/22/2017 12:16	29.71	73.5	5.41	6.0	SR12	9/22/2017 18:16	30.22	79.6	5.83	7.2
SR12	9/22/2017 0:21	29.60	72.4	5.32	5.1	SR12	9/22/2017 6:21	29.58	68.3	5.01	6.2	SR12	9/22/2017 12:21	29.72	72.3	5.29	6.4	SR12	9/22/2017 18:21	30.18	80.8	5.92	7.4
SR12	9/22/2017 0:26	29.62	72.9	5.35	5.6	SR12	9/22/2017 6:26	29.61	68.1	4.99	5.3	SR12	9/22/2017 12:26	29.71	72.3	5.29	5.5	SR12	9/22/2017 18:26	30.21	82.5	6.04	7.2
SR12	9/22/2017 0:31	29.61	73.9	5.42	7.2	SR12	9/22/2017 6:31	29.61	68.2	4.99	7.2	SR12	9/22/2017 12:31	29.70	72.3	5.29	6.3	SR12	9/22/2017 18:31	30.20	78.4	5.74	7.0
SR12	9/22/2017 0:36	29.59	73.3	5.38	7.1	SR12	9/22/2017 6:36	29.64	68.4	5.01	6.4	SR12	9/22/2017 12:36	29.68	73.3	5.36	6.5	SR12	9/22/2017 18:36	30.15	78.0	5.70	6.8
SR12	9/22/2017 0:41	29.60	73.5	5.40	6.0	SR12	9/22/2017 6:41	29.65	68.6	5.03	6.2	SR12	9/22/2017 12:41	29.73	74.1	5.42	5.7	SR12	9/22/2017 18:41	30.06	81.0	5.93	6.8
SR12	9/22/2017 0:46	29.60	73.7	5.41	7.3	SR12	9/22/2017 6:46	29.65	68.0	4.98	4.7	SR12	9/22/2017 12:46	29.71	75.7	5.54	6.7	SR12	9/22/2017 18:46	30.04	79.4	5.81	6.0
SR12	9/22/2017 0:51	29.59	72.7	5.34	6.9	SR12	9/22/2017 6:51	29.67	69.3	5.08	7.4	SR12	9/22/2017 12:51	29.73	76.9	5.61	6.4	SR12	9/22/2017 18:51	29.89	81.7	5.99	7.1
SR12	9/22/2017 0:56	29.59	72.6	5.33	6.7	SR12	9/22/2017 6:56	29.68	68.8	5.04	4.5	SR12	9/22/2017 12:56	29.69	76.3	5.58	5.6	SR12	9/22/2017 18:56	29.88	84.7	6.21	6.6
SR12	9/22/2017 1:01	29.59	71.2	5.23	7.0	SR12	9/22/2017 7:01	29.68	67.6	4.95	7.1	SR12	9/22/2017 13:01	29.70	77.3	5.63	6.1	SR12	9/22/2017 19:01	29.87	84.1	6.17	6.7
SR12	9/22/2017 1:06	29.59	72.3	5.31	4.9	SR12	9/22/2017 7:06	29.67	68.4	5.01	6.7	SR12	9/22/2017 13:06	29.72	78.2	5.69	6.1	SR12	9/22/2017 19:06	29.88	85.4	6.27	7.0
SR12	9/22/2017 1:11	29.60	71.9	5.27	5.3	SR12	9/22/2017 7:11	29.64	67.7	4.96	6.4	SR12	9/22/2017 13:11	29.83	76.2	5.55	5.9	SR12	9/22/2017 19:11	29.88	79.4	5.82	6.4
SR12	9/22/2017 1:16	29.63	72.0	5.28	7.6	SR12	9/22/2017 7:16	29.66	68.2	5.00	4.6	SR12						SR12	9/22/2017 19:16	29.86	82.6	6.05	6.4
SR12	9/22/2017 1:21	29.61	72.4	5.31	6.7	SR12	9/22/2017 7:21	29.62	68.2	5.00	7.0	SR12						SR12	9/22/2017 19:21	29.93	80.9	5.93	6.5
SR12	9/22/2017 1:26	29.60	72.0	5.28	7.0	SR12	9/22/2017 7:26	29.61	67.9	4.98	5.9	SR12						SR12	9/22/2017 19:26	29.88	81.8	6.00	6.6
SR12	9/22/2017 1:31	29.60	71.6	5.25	6.1	SR12	9/22/2017 7:31	29.57	68.9	5.05	6.6	SR12						SR12	9/22/2017 19:31	29.87	84.5	6.20	6.7
SR12	9/22/2017 1:36	29.61	71.9	5.28	6.3	SR12	9/22/2017 7:36	29.54	68.0	4.98	5.8	SR12						SR12	9/22/2017 19:36	29.87	82.7	6.06	6.9
SR12	9/22/2017 1:41	29.60	71.5	5.25	6.3	SR12	9/22/2017 7:41	29.56	69.3	5.08	6.0	SR12						SR12	9/22/2017 19:41	29.87	82.2	6.03	6.8
SR12	9/22/2017 1:46	29.59	73.2	5.37	5.2	SR12	9/22/2017 7:46	29.55	69.3	5.08	6.6	SR12						SR12	9/22/2017 19:46	29.87	81.3	5.95	6.7
SR12	9/22/2017 1:51	29.58	73.3	5.38	6.2	SR12	9/22/2017 7:51	29.58	69.1	5.06	7.1	SR12						SR12	9/22/2017 19:51	29.87	81.8	6.00	7.1
SR12	9/22/2017 1:56	29.57	73.0	5.36	4.0	SR12	9/22/2017 7:56	29.57	69.2	5.07	7.2	SR12						SR12	9/22/2017 19:56	29.89	80.8	5.93	6.7
SR12	9/22/2017 2:01	29.58	72.0	5.29	4.1	SR12	9/22/2017 8:01	29.55	69.4	5.08	7.1	SR12						SR12	9/22/2017 20:01	29.88	79.8	5.85	7.4
SR12	9/22/2017 2:06	29.57	72.6	5.33	4.5	SR12	9/22/2017 8:06	29.57	70.4	5.16	6.4	SR12						SR12	9/22/2017 20:06	29.83	82.5	6.05	7.2
SR12	9/22/2017 2:11	29.57	72.7	5.34	6.8	SR12	9/22/2017 8:11	29.58	70.4	5.16	6.6	SR12						SR12	9/22/2017 20:11	29.85	81.9	6.01	7.1
SR12	9/22/2017 2:16	29.56	72.2	5.30	5.8	SR12	9/22/2017 8:16	29.60	69.7	5.11	6.7	SR12						SR12	9/22/2017 20:16	29.87	80.7	5.92	7.3
SR12	9/22/2017 2:21	29.53	71.7	5.27	5.8	SR12	9/22/2017 8:21	29.62	70.3	5.15	6.2	SR12						SR12	9/22/2017 20:21	29.85	80.5	5.90	6.9
SR12	9/22/2017 2:26	29.53	71.2	5.23	5.4	SR12	9/22/2017 8:26	29.67	69.3	5.08	6.8	SR12						SR12	9/22/2017 20:26	29.86	82.6	6.06	6.8
SR12	9/22/2017 2:31	29.52	70.5	5.18	7.9	SR12	9/22/2017 8:31	29.67	70.5	5.17	6.2	SR12	9/22/2017 14:31	29.80	78.6	5.76	6.9	SR12	9/22/2017 20:31	29.84	81.3	5.96	7.6
SR12	9/22/2017 2:36	29.43	71.4	5.24	5.1	SR12	9/22/2017 8:36	29.68	71.4	5.24	6.0	SR12	9/22/2017 14:36	30.23	76.8	5.62	6.2	SR12	9/22/2017 20:36	29.86	81.9	6.01	7.7
SR12	9/22/2017 2:41	29.29	72.1	5.29	6.7	SR12	9/22/2017 8:41	29.65	70.7	5.19	6.1	SR12	9/22/2017 14:41	30.03	77.6	5.68	6.9	SR12	9/22/2017 20:41	29.87	82.5	6.05	7.7
SR12	9/22/2017 2:46	29.16	71.0	5.21	6.1	SR12	9/22/2017 8:46	29.67	71.5	5.24	6.5	SR12	9/22/2017 14:46	30.12	79.6	5.84	6.6	SR12	9/22/2017 20:46	29.85	83.0	6.09	6.3
SR12	9/22/2017 2:51	29.06	71.1	5.22	5.7	SR12	9/22/2017 8:51	29.69	70.9	5.20	6.3	SR12	9/22/2017 14:51	30.06	78.6	5.76	6.6	SR12	9/22/2017 20:51	29.85	83.2	6.10	7.7
SR12	9/22/2017 2:56	28.97	70.5	5.17	5.3	SR12	9/22/2017 8:56	29.70	71.7	5.26	7.0	SR12	9/22/2017 14:56	29.89	76.5	5.61	6.5	SR12	9/22/2017 20:56	29.86	79.7	5.85	6.7
SR12	9/22/2017 3:01	28.85	70.9	5.20	4.1	SR12	9/22/2017 9:01	29.70	71.8	5.27	6.7	SR12	9/22/2017 15:01	30.11	77.3	5.66	7.2	SR12	9/22/2017 21:01	29.85	78.9	5.78	6.9
SR12	9/22/2017 3:06	28.74	71.8	5.27	6.7	SR12	9/22/2017 9:06	29.70	71.8	5.27	5.7	SR12	9/22/2017 15:06	29.93	76.0	5.56	7.5	SR12	9/22/2017 21:06	29.86	78.6	5.76	6.6
SR12	9/22/2017 3:11	28.64	71.6	5.25	6.4	SR12	9/22/2017 9:11	29.71	71.8	5.26	6.8	SR12	9/22/2017 15:11	30.05	78.8	5.77	7.4	SR12	9/22/2017 21:11	29.86	80.0	5.87	6.7
SR12	9/22/2017 3:16	28.50	71.6	5.25	6.0	SR12	9/22/2017 9:16	29.69	71.5	5.25	5.5	SR12	9/22/2017 15:16	29.88	78.1	5.72	6.6	SR12	9/22/2017 21:16	29.86	79.3	5.81	7.0
SR12	9/22/2017 3:21	28.28	71.9	5.28	7.1	SR12	9/22/2017 9:21	29.73	71.7	5.26	5.9	SR12	9/22/2017 15:21	29.94	81.0	5.94	6.9	SR12	9/22/2017 21:21	29.84	79.8	5.85	6.8
SR12	9/22/2017 3:26	28.00	71.6	5.25	6.7	SR12	9/22/2017 9:26	29.72	72.0	5.29	6.6	SR12	9/22/2017 15:26	30.06	78.5	5.75	7.0	SR12	9/22/2017 21:26	29.84	80.6	5.92	6.8
SR12	9/22/2017 3:31	27.75	71.3	5.23	6.7	SR12	9/22/2017 9:31	29.73	72.6	5.33	5.8	SR12	9/22/2017 15:31	29.97	78.8	5.77	7.1	SR12	9/22/2017 21:31	29.86	80.5	5.91	6.7
SR12	9/22/2017 3:36	27.58	70.5	5.17	5.9	SR12	9/22/2017 9:36	29.70	72.5	5.32	5.7	SR12	9/22/2017 15:36	29.93	77.8	5.69	5.8	SR12	9/22/2017 21:36	29.86	80.9	5.94	6.9
SR12	9/22/2017 3:41	27.45	71.1	5.22	5.0	SR12	9/22/2017 9:41	29.66	72.3	5.31	6.1	SR12	9/22/2017 15:41	29.88	77.5	5.68	7.0	SR12	9/22/2017 21:41	29.82	80.9	5.95	7.1
SR12	9/22/2017 3:46	27.43	69.8	5.12	7.2	SR12	9/22/2017 9:46	29.67	72.8	5.35	6.9	SR12	9/22/2017 15:46	29.90	77.2	5.66	6.5	SR12	9/22/2017 21:46	29.90	79.3	5.83	7.3
SR12	9/22/2017 3:51	27.42	71.0	5.21	5.8	SR12	9/22/2017 9:51	29.70	72.6	5.34	6.2	SR12	9/22/2017 15:51	29.83	80.0	5.87	6.3	SR12	9/22/2017 21:51	29.92	80.4	5.91	6.7
SR12	9/22/2017 3:56	27.43	71.0	5.21	7.3	SR12	9/22/2017 9:56	29.69	72.8	5.35	6.9	SR12	9/22/2017 15:56	29.87	77.4	5.68	6.0	SR12	9/22/2017 21:56	29.84	79.6	5.85	7.7
SR12	9/22/2017 4:01	27.44	69.6	5.10	3.8	SR12	9/22/2017 10:01	29.69	72.4	5.32	6.2	SR12	9/22/2017 16:01	29.91	78.3	5.73	6.9	SR12	9/22/2017 22:01	29.81	79.6	5.85	6.4
SR12	9/22/2017 4:06	27.47	69.5	5.10	4.3	SR12	9/22/2017 10:06	29.66	72.4	5.32	5.7	SR12	9/22/2017 16:06	30.19	77.6	5.69	7.0	SR12	9/22/2017 22:06	29.76	80.7	5.93	6.8
SR12	9/22/2017 4:11	27.48	70.8	5.18	7.5	SR12	9/22/2017 10:11	29.67	72.7	5.34	5.9	SR12	9/22/2017 16:11	30.34	79.8	5.85	6.7	SR12	9/22/2017 22:11	29.73	81.1	5.96	6.6
SR12	9/22/2017 4:16	27.46	70.9	5.19	6.7	SR12	9/22/2017 10:16	29.68	72.5	5.33	5.7	SR12	9/22/2017 16:16	30.35	77.6	5.69	7.3	SR12	9/22/2017 22:16	29.61	80.7	5.93	7.1
SR12	9/22/2017 4:21	27.43	70.2	5.14	6.9	SR12	9/22/2017 10:21	29.68	71.8	5.28	5.6	SR12	9/22/2017 16:21	30.39	79.0	5.79	6.8	SR12	9/22/2017 22:21	29.58	78.4	5.77	7.6
SR12	9/22/2017 4:26	27.39	70.2	5.14	5.2	SR12	9/22/2017 10:26	29.69	72.5	5.33	5.5	SR12	9/22/2017 16:26	30.26	82.0	6.02	7.2	SR12	9/22/2017 22:26	29.57	78.1	5.74	6.8
SR12	9/22/2017 4:31	27.32	69.5	5.09	5.7	SR12	9/22/2017 10:31	29.69	72.3	5.31	5.9	SR12	9/22/2017 16:31	30.04	81.0	5.94	6.9	SR12	9/22/2017 22:31	29.54	77.2	5.68	7.5
SR12	9/22/2017 4:36	27.32	70.1	5.13	5.2	SR12	9/22/2017 10:36	29.72	72.6	5.33	6.4	SR12	9/22/2017 16:36	30.21	82.7	6.08	6.9	SR12	9/22/2017 22:36	29.52	77.7	5.72	7.4
SR12	9/22/2017 4:41	27.37	69.5	5.09	4.1	SR12	9/22/2017 10:41	29.70	72.8	5.35	5.7	SR12	9/22/2017 16:41	30.13	80.6	5.90	6.7	SR12	9/22/2017 22:41	29.51	77.5	5.70	7.8
SR12	9/22/2017 4:46	27.41	68.6	5.03	5.5	SR12	9/22/2017 10:46	29.71	73.0	5.36	5.7	SR12	9/22/2017 16:46	30.22	79.0	5.77	6.9	SR12	9/22/2017 22:46	29.52	75.8	5.58	6.9
SR12	9/22/2017 4:51	27.50	68.5	5.02	5.4	SR12	9/22/2017 10:51	29.73	72.1	5.30	6.7	SR12	9/22/2017 16:51	30.18	77.9	5.70	6.9	SR12	9/22/2017 22:51	29.53	77.7	5.72	7.5
SR12	9/22/2017 4:56	27.59	69.2	5.07	6.7	SR12	9/22/2017 10:56	29.73	72.8	5.35	5.8	SR12	9/22/2017 16:56	30.32	78.9	5.77	6.4	SR12	9/22/2017 22:56	29.54	75.5	5.55	7.4
SR12	9/22/2017 5:01	27.69	68.9	5.05	6.6	SR12	9/22/2017 11:01	29.67	72.9	5.35	5.8	SR12	9/22/2017 17:01	30.34	78.1	5.71	6.3	SR12	9/22/2017 23:01	29.55	72.8	5.35	7.2
SR12	9/22/2017 5:06	27.77	69.1	5.06	6.1	SR12	9/22/2017 11:06	29.66	72.3	5.31	5.9	SR12	9/22/2017 17:06	30.32	79.0	5.78	6.9	SR12	9/22/2017 23:06	29.55	74.1	5.45	7.6
SR12	9/22/2017 5:11	27.85	68.7	5.03	4.7	SR12	9/22/2017 11:11	29.69	73.3	5.39	6.8	SR12	9/22/2017 17:11	30.23	82.1	6.01	6.6	SR12	9/22/2017 23:11	29.56	73.8	5.43	6.7
SR12	9/22/2017 5:16	27.93	68.3	5.00	5.1	SR12	9/22/2017 11:16	29.68	73.5	5.41	6.5	SR12	9/22/2017 17:16	30.08	81.3	5.95	6.7	SR12	9/22/2017 23:16	29.54	76.7	5.65	7.0
SR12	9/22/2017 5:21	28.00	68.0	4.98	5.6	SR12	9/22/2017 11:21	29.61	72.6	5.34	6.8	SR12	9/22/2017 17:21	30.11	82.4	6.03	6.6	SR12	9/22/2017 23:21	29.55	76.4	5.62	7.3
SR12	9/22/2017 5:26	28.08	68.4	5.01	5.8	SR12	9/22/2017 11:26	29.60	73.1	5.38	6.6	SR12	9/22/2017 17:26	29.99	82.1	6.01	6.7	SR12	9/22/2017 23:26	29.55	76.8	5.65	7.1
SR12	9/22/2017 5:31	28.14	67.9	4.97	6.0	SR12	9/22/2017 11:31	29.64	72.3	5.31	6.5	SR12	9/22/2017 17:31	29.99	79.8	5.83	6.7	SR12	9/22/2017 23:31	29.61	74.6	5.48	6.6
SR12	9/22/2017 5:36	28.22	67.6	4.95	5.3	SR12	9/22/2017 11:36	29.67	72.9	5.36	5.6	SR12	9/22/2017 17:36	30.07	78.0	5.71	7.4	SR12	9/22/2017 23:36	29.57	75.2	5.53	7.1
SR12	9/22/2017 5:41	28.34	67.8	4.97	6.4	SR12	9/22/2017 11:41	29.68	73.3	5.39	6.2	SR12	9/22/2017 17:41	30.09	80.5	5.89	6.9	SR12	9/22/2017 23:41	29.65	76.8	5.65	6.8
SR12	9/22/2017 5:46	28.47	67.4	4.94	4.8	SR12	9/22/2017 11:46	29.70	73.1	5.37	6.1	SR12	9/22/2017 17:46	30.08	81.3	5.95	6.4	SR12	9/22/2017 23:46	29.69	76.4	5.62	7.2
SR12	9/22/2017 5:51	29.10	67.2	4.92	5.5	SR12	9/22/2017 11:51	29.69	74.2	5.46	5.4	SR12	9/22/2017 17:51	30.06	76.7	5.61	6.7	SR12	9/22/2017 23:51	29.67	76.2	5.61	7.3
SR12	9/22/2017 5:56	29.43	67.9	4.97	5.6	SR12	9/22/2017 11:56	29.69	72.6	5.34	6.6	SR12	9/22/2017 17:56	30.09	81.1	5.93	7.2	SR12	9/22/2017 23:56	29.67	76.0	5.59	6.3

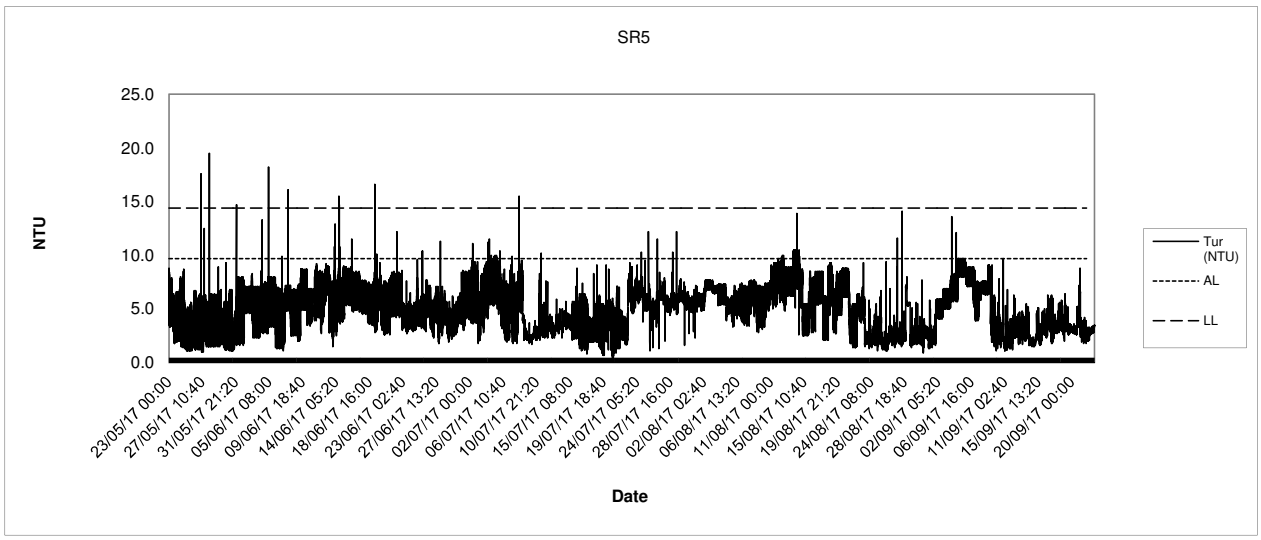
Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR13	9/22/2017 0:00	29.57	67.5	4.90	8.2	SR13	9/22/2017 6:00	29.65	63.8	4.62	7.2	SR13	9/22/2017 12:00	29.78	68.2	4.95	7.0	SR13	9/22/2017 18:00	30.19	73.7	5.34	7.4
SR13	9/22/2017 0:05	29.63	66.7	4.84	7.7	SR13	9/22/2017 6:05	29.62	65.2	4.72	8.1	SR13	9/22/2017 12:05	29.82	67.8	4.92	6.6	SR13	9/22/2017 18:05	30.22	71.8	5.20	7.2
SR13	9/22/2017 0:10	29.75	66.3	4.81	8.3	SR13	9/22/2017 6:10	29.66	63.5	4.60	6.8	SR13	9/22/2017 12:10	29.80	67.9	4.93	7.0	SR13	9/22/2017 18:10	30.10	72.0	5.22	6.9
SR13	9/22/2017 0:15	29.74	66.0	4.79	8.6	SR13	9/22/2017 6:15	29.54	64.6	4.67	6.7	SR13	9/22/2017 12:15	29.73	68.4	4.97	7.8	SR13	9/22/2017 18:15	30.25	70.8	5.13	7.1
SR13	9/22/2017 0:20	29.76	67.3	4.88	8.2	SR13	9/22/2017 6:20	29.71	64.2	4.65	6.8	SR13	9/22/2017 12:20	29.79	68.3	4.94	7.4	SR13	9/22/2017 18:20	30.13	71.4	5.17	6.6
SR13	9/22/2017 0:25	29.88	66.6	4.83	7.0	SR13	9/22/2017 6:25	29.79	64.5	4.67	7.6	SR13	9/22/2017 12:25	29.76	67.1	4.86	8.0	SR13	9/22/2017 18:25	30.09	72.6	5.26	7.6
SR13	9/22/2017 0:30	29.72	67.8	4.92	6.2	SR13	9/22/2017 6:30	29.76	64.9	4.69	7.0	SR13	9/22/2017 12:30	29.85	68.2	4.94	5.8	SR13	9/22/2017 18:30	30.17	70.2	5.09	7.0
SR13	9/22/2017 0:35	29.79	67.5	4.89	8.3	SR13	9/22/2017 6:35	29.79	64.5	4.67	6.9	SR13	9/22/2017 12:35	29.68	68.4	4.95	6.2	SR13	9/22/2017 18:35	30.15	70.0	5.06	7.2
SR13	9/22/2017 0:40	29.84	67.6	4.90	6.3	SR13	9/22/2017 6:40	29.86	65.1	4.72	6.2	SR13	9/22/2017 12:40	29.80	68.1	4.93	8.3	SR13	9/22/2017 18:40	30.19	71.3	5.16	6.9
SR13	9/22/2017 0:45	29.65	67.0	4.86	7.4	SR13	9/22/2017 6:45	29.82	64.0	4.63	7.4	SR13	9/22/2017 12:45	29.86	69.7	5.04	7.9	SR13	9/22/2017 18:45	30.18	70.7	5.12	6.5
SR13	9/22/2017 0:50	29.73	66.5	4.83	8.0	SR13	9/22/2017 6:50	29.82	65.3	4.73	7.0	SR13	9/22/2017 12:50	29.85	69.9	5.05	7.9	SR13	9/22/2017 18:50	30.06	71.2	5.16	6.4
SR13	9/22/2017 0:55	29.77	66.3	4.81	7.6	SR13	9/22/2017 6:55	29.84	64.8	4.69	5.7	SR13	9/22/2017 12:55	29.68	69.9	5.06	6.4	SR13	9/22/2017 18:55	29.95	73.3	5.32	6.4
SR13	9/22/2017 1:00	29.66	65.9	4.78	7.6	SR13	9/22/2017 7:00	29.69	64.3	4.65	7.0	SR13	9/22/2017 13:00	29.84	70.3	5.08	7.1	SR13	9/22/2017 19:00	30.03	72.8	5.28	7.1
SR13	9/22/2017 1:05	29.77	66.0	4.79	7.9	SR13	9/22/2017 7:05	29.71	64.2	4.65	6.2	SR13	9/22/2017 13:05	29.99	70.1	5.06	6.8	SR13	9/22/2017 19:05	29.95	73.4	5.33	7.6
SR13	9/22/2017 1:10	29.81	65.8	4.77	7.4	SR13	9/22/2017 7:10	29.80	63.7	4.61	6.4	SR13	9/22/2017 13:10	29.95	69.0	4.98	5.7	SR13	9/22/2017 19:10	30.07	70.7	5.13	6.8
SR13	9/22/2017 1:15	29.82	65.8	4.77	8.3	SR13	9/22/2017 7:15	29.80	64.9	4.70	6.4	SR13	9/22/2017 13:15	29.95	70.3	5.08	7.2	SR13	9/22/2017 19:15	29.92	72.5	5.26	6.3
SR13	9/22/2017 1:20	29.83	66.2	4.80	7.1	SR13	9/22/2017 7:20	29.68	65.0	4.71	5.7	SR13	9/22/2017 13:20	29.95	70.0	5.05	6.4	SR13	9/22/2017 19:20	30.06	71.0	5.15	7.4
SR13	9/22/2017 1:25	29.73	65.8	4.77	6.5	SR13	9/22/2017 7:25	29.70	64.8	4.69	6.8	SR13	9/22/2017 13:25	30.11	70.6	5.10	7.4	SR13	9/22/2017 19:25	30.09	71.1	5.16	6.9
SR13	9/22/2017 1:30	29.71	67.0	4.85	7.3	SR13	9/22/2017 7:30	29.69	65.2	4.72	6.9	SR13	9/22/2017 13:30	30.03	70.5	5.10	7.5	SR13	9/22/2017 19:30	30.03	72.5	5.26	7.1
SR13	9/22/2017 1:35	29.75	66.6	4.83	7.0	SR13	9/22/2017 7:35	29.66	63.8	4.62	7.5	SR13	9/22/2017 13:35	30.03	70.3	5.07	7.5	SR13	9/22/2017 19:35	30.04	71.6	5.19	7.1
SR13	9/22/2017 1:40	29.79	66.2	4.80	6.4	SR13	9/22/2017 7:40	29.61	65.3	4.73	6.6	SR13	9/22/2017 13:40	30.06	72.0	5.20	6.4	SR13	9/22/2017 19:40	30.02	72.6	5.26	8.0
SR13	9/22/2017 1:45	29.84	66.4	4.82	7.6	SR13	9/22/2017 7:45	29.66	64.8	4.69	7.9	SR13	9/22/2017 13:45	30.03	72.0	5.22	6.2	SR13	9/22/2017 19:45	29.98	70.9	5.14	7.8
SR13	9/22/2017 1:50	29.61	66.4	4.82	6.5	SR13	9/22/2017 7:50	29.74	64.5	4.67	7.0	SR13	9/22/2017 13:50	29.93	71.1	5.14	6.5	SR13	9/22/2017 19:50	30.06	71.1	5.16	7.4
SR13	9/22/2017 1:55	29.60	67.0	4.86	7.7	SR13	9/22/2017 7:55	29.72	65.1	4.72	6.5	SR13	9/22/2017 13:55	29.90	70.1	5.08	7.4	SR13	9/22/2017 19:55	29.91	71.2	5.17	7.7
SR13	9/22/2017 2:00	29.59	67.0	4.86	8.1	SR13	9/22/2017 8:00	29.72	65.0	4.71	6.6	SR13	9/22/2017 14:00	30.08	70.4	5.10	6.6	SR13	9/22/2017 20:00	29.95	70.2	5.09	7.8
SR13	9/22/2017 2:05	29.74	66.1	4.80	7.2	SR13	9/22/2017 8:05	29.64	65.2	4.72	7.3	SR13	9/22/2017 14:05	30.11	71.0	5.14	7.0	SR13	9/22/2017 20:05	29.96	72.5	5.26	7.1
SR13	9/22/2017 2:10	29.68	66.7	4.84	7.5	SR13	9/22/2017 8:10	29.61	65.3	4.73	6.9	SR13	9/22/2017 14:10	29.87	71.4	5.17	7.0	SR13	9/22/2017 20:10	30.10	71.6	5.19	7.4
SR13	9/22/2017 2:15	29.68	67.1	4.86	7.6	SR13	9/22/2017 8:15	29.72	65.7	4.76	6.2	SR13	9/22/2017 14:15	30.03	72.3	5.23	6.9	SR13	9/22/2017 20:15	29.97	71.1	5.16	7.1
SR13	9/22/2017 2:20	29.61	66.0	4.79	7.0	SR13	9/22/2017 8:20	29.80	65.8	4.77	5.9	SR13	9/22/2017 14:20	29.79	71.2	5.15	7.0	SR13	9/22/2017 20:20	29.91	71.7	5.20	7.2
SR13	9/22/2017 2:25	29.64	65.4	4.74	7.2	SR13	9/22/2017 8:25	29.83	65.5	4.75	8.0	SR13	9/22/2017 14:25	29.74	70.3	5.08	6.4	SR13	9/22/2017 20:25	30.05	71.4	5.18	6.8
SR13	9/22/2017 2:30	29.73	66.4	4.82	7.0	SR13	9/22/2017 8:30	29.69	65.3	4.73	6.7	SR13	9/22/2017 14:30	29.91	71.3	5.17	7.8	SR13	9/22/2017 20:30	29.89	71.4	5.18	7.4
SR13	9/22/2017 2:35	29.55	66.7	4.83	7.0	SR13	9/22/2017 8:35	29.84	66.1	4.79	6.7	SR13	9/22/2017 14:35	30.20	70.6	5.11	8.4	SR13	9/22/2017 20:35	29.95	72.1	5.23	7.8
SR13	9/22/2017 2:40	29.64	66.0	4.79	7.2	SR13	9/22/2017 8:40	29.73	65.5	4.75	8.1	SR13	9/22/2017 14:40	30.23	70.7	5.12	7.2	SR13	9/22/2017 20:40	30.01	71.6	5.19	7.4
SR13	9/22/2017 2:45	29.37	65.8	4.77	7.5	SR13	9/22/2017 8:45	29.84	66.6	4.82	6.2	SR13	9/22/2017 14:45	30.27	71.9	5.21	7.0	SR13	9/22/2017 20:45	29.91	72.9	5.29	7.0
SR13	9/22/2017 2:50	29.35	65.8	4.77	7.7	SR13	9/22/2017 8:50	29.84	65.4	4.74	6.7	SR13	9/22/2017 14:50	30.32	70.4	5.10	6.8	SR13	9/22/2017 20:50	29.87	72.3	5.24	7.1
SR13	9/22/2017 2:55	29.51	66.4	4.81	5.7	SR13	9/22/2017 8:55	29.75	66.2	4.80	7.3	SR13	9/22/2017 14:55	30.05	70.5	5.11	6.5	SR13	9/22/2017 20:55	29.86	70.0	5.08	6.6
SR13	9/22/2017 3:00	29.44	66.5	4.82	6.7	SR13	9/22/2017 9:00	29.92	66.8	4.84	7.3	SR13	9/22/2017 15:00	30.34	70.9	5.13	7.2	SR13	9/22/2017 21:00	29.92	70.2	5.09	6.8
SR13	9/22/2017 3:05	29.19	66.7	4.83	6.5	SR13	9/22/2017 9:05	29.93	66.7	4.83	8.1	SR13	9/22/2017 15:05	30.16	68.8	4.98	7.1	SR13	9/22/2017 21:05	29.90	70.6	5.12	6.7
SR13	9/22/2017 3:10	29.21	66.4	4.81	6.9	SR13	9/22/2017 9:10	29.84	65.8	4.77	7.5	SR13	9/22/2017 15:10	30.23	70.3	5.09	6.8	SR13	9/22/2017 21:10	29.94	71.4	5.18	7.4
SR13	9/22/2017 3:15	29.17	66.3	4.80	6.4	SR13	9/22/2017 9:15	29.71	65.5	4.75	7.5	SR13	9/22/2017 15:15	30.18	70.5	5.11	5.9	SR13	9/22/2017 21:15	29.94	70.2	5.09	7.6
SR13	9/22/2017 3:20	29.04	66.4	4.82	6.9	SR13	9/22/2017 9:20	29.78	65.6	4.76	7.9	SR13	9/22/2017 15:20	30.18	71.5	5.19	7.2	SR13	9/22/2017 21:20	29.91	71.0	5.15	7.5
SR13	9/22/2017 3:25	28.86	66.1	4.79	7.1	SR13	9/22/2017 9:25	29.86	66.6	4.83	7.8	SR13	9/22/2017 15:25	30.34	70.6	5.12	6.3	SR13	9/22/2017 21:25	30.02	71.3	5.18	6.9
SR13	9/22/2017 3:30	28.87	65.4	4.74	6.3	SR13	9/22/2017 9:30	29.87	67.1	4.86	7.8	SR13	9/22/2017 15:30	30.17	71.6	5.19	7.2	SR13	9/22/2017 21:30	29.87	71.0	5.15	6.7
SR13	9/22/2017 3:35	28.79	65.6	4.75	7.4	SR13	9/22/2017 9:35	29.84	67.1	4.86	6.8	SR13	9/22/2017 15:35	30.15	69.8	5.05	7.2	SR13	9/22/2017 21:35	30.08	70.6	5.12	6.7
SR13	9/22/2017 3:40	28.60	66.5	4.82	7.5	SR13	9/22/2017 9:40	29.86	66.8	4.85	6.7	SR13	9/22/2017 15:40	29.92	69.6	5.05	6.9	SR13	9/22/2017 21:40	29.97	71.1	5.16	6.7
SR13	9/22/2017 3:45	28.50	65.8	4.77	6.2	SR13	9/22/2017 9:45	29.90	67.5	4.90	8.2	SR13	9/22/2017 15:45	29.99	70.5	5.11	6.2	SR13	9/22/2017 21:45	29.91	70.9	5.15	7.1
SR13	9/22/2017 3:50	28.71	65.5	4.75	6.7	SR13	9/22/2017 9:50	29.90	66.5	4.83	7.1	SR13	9/22/2017 15:50	30.03	72.2	5.23	7.3	SR13	9/22/2017 21:50	29.93	70.8	5.14	6.9
SR13	9/22/2017 3:55	28.61	66.0	4.78	7.2	SR13	9/22/2017 9:55	29.91	66.7	4.84	7.9	SR13	9/22/2017 15:55	30.09	69.9	5.07	7.0	SR13	9/22/2017 21:55	29.87	70.8	5.14	7.0
SR13	9/22/2017 4:00	28.63	65.9	4.77	7.1	SR13	9/22/2017 10:00	29.88	67.3	4.88	7.2	SR13	9/22/2017 16:00	30.10	70.3	5.09	7.1	SR13	9/22/2017 22:00	29.87	70.3	5.11	7.1
SR13	9/22/2017 4:05	28.70	64.9	4.71	7.3	SR13	9/22/2017 10:05	29.67	67.4	4.89	6.8	SR13	9/22/2017 16:05	30.16	70.9	5.14	7.1	SR13	9/22/2017 22:05	29.94	71.5	5.19	7.4
SR13	9/22/2017 4:10	28.76	66.2	4.79	6.3	SR13	9/22/2017 10:10	29.85	66.4	4.82	7.1	SR13	9/22/2017 16:10	30.50	71.6	5.19	6.8	SR13	9/22/2017 22:10	29.84	71.2	5.17	6.6
SR13	9/22/2017 4:15	28.74	66.2	4.79	7.7	SR13	9/22/2017 10:15	29.78	67.3	4.88	6.9	SR13	9/22/2017 16:15	30.56	71.0	5.15	7.3	SR13	9/22/2017 22:15	29.71	70.7	5.13	7.4
SR13	9/22/2017 4:20	28.65	65.0	4.71	7.5	SR13	9/22/2017 10:20	29.73	66.5	4.83	7.4	SR13	9/22/2017 16:20	30.57	70.6	5.12	8.0	SR13	9/22/2017 22:20	29.70	69.7	5.07	6.6
SR13	9/22/2017 4:25	28.68	65.9	4.77	6.1	SR13	9/22/2017 10:25	29.84	66.8	4.85	5.9	SR13	9/22/2017 16:25	30.33	72.0	5.22	7.6	SR13	9/22/2017 22:25	29.75	69.2	5.02	8.0
SR13	9/22/2017 4:30	28.62	65.1	4.71	7.8	SR13	9/22/2017 10:30	29.79	67.2	4.87	6.4	SR13	9/22/2017 16:30	30.06	72.7	5.27	7.8	SR13	9/22/2017 22:30	29.64	69.1	5.02	6.8
SR13	9/22/2017 4:35	28.72	65.9	4.77	6.8	SR13	9/22/2017 10:35	29.77	66.2	4.80	6.8	SR13	9/22/2017 16:35	30.43	73.2	5.32	7.6	SR13	9/22/2017 22:35	29.70	69.0	5.02	7.3
SR13	9/22/2017 4:40	28.58	65.4	4.73	6.6	SR13	9/22/2017 10:40	29.89	66.2	4.80	7.9	SR13	9/22/2017 16:40	30.31	71.3	5.17	7.6	SR13	9/22/2017 22:40	29.56	69.4	5.04	7.7
SR13	9/22/2017 4:45	28.74	64.3	4.66	6.9	SR13	9/22/2017 10:45	29.85	67.5	4.89	6.6	SR13	9/22/2017 16:45	30.33	70.8	5.12	7.1	SR13	9/22/2017 22:45	29.62	68.4	4.97	7.8
SR13	9/22/2017 4:50	28.77	65.0	4.71	6.3	SR13	9/22/2017 10:50	29.72	65.8	4.78	7.2	SR13	9/22/2017 16:50	30.39	70.9	5.13	7.6	SR13	9/22/2017 22:50	29.67	70.0	5.08	7.7
SR13	9/22/2017 4:55	28.81	64.4	4.66	7.4	SR13	9/22/2017 10:55	29.84	67.4	4.89	6.7	SR13	9/22/2017 16:55	30.48	70.8	5.13	7.3	SR13	9/22/2017 22:55	29.69	68.9	5.00	7.6
SR13	9/22/2017 5:00	28.84	64.6	4.68	7.0	SR13	9/22/2017 11:00	29.81	68.0	4.93	7.6	SR13	9/22/2017 17:00	30.39	71.3	5.16	6.6	SR13	9/22/2017 23:00	29.68	67.5	4.90	7.6
SR13	9/22/2017 5:05	28.89	65.7	4.75	7.9	SR13	9/22/2017 11:05	29.82	67.7	4.91	7.0	SR13	9/22/2017 17:05	30.40	71.0	5.14	6.5	SR13	9/22/2017 23:05	29.73	67.2	4.88	7.3
SR13	9/22/2017 5:10	28.86	65.5	4.74	6.3	SR13	9/22/2017 11:10	29.79	68.5	4.97	7.3	SR13	9/22/2017 17:10	30.29	72.3	5.24	6.9	SR13	9/22/2017 23:10	29.66	68.4	4.96	7.0
SR13	9/22/2017 5:15	28.90	64.6	4.68	8.4	SR13	9/22/2017 11:15	29.73	68.3	4.96	7.6	SR13	9/22/2017 17:15	30.15	71.6	5.19	6.7	SR13	9/22/2017 23:15	29.62	69.1	5.02	6.9
SR13	9/22/2017 5:20	28.99	65.1	4.71	6.6	SR13	9/22/2017 11:20	29.63	67.8	4.92	7.2	SR13	9/22/2017 17:20	30.23	72.3	5.24	7.6	SR13	9/22/2017 23:20	29.61	69.0	5.01	6.8
SR13	9/22/2017 5:25	28.88	64.3	4.65	6.0	SR13	9/22/2017 11:25	29.71	68.6	4.98	6.4	SR13	9/22/2017 17:25	30.05	72.3	5.24	7.9	SR13	9/22/2017 23:25	29.68	68.6	4.98	7.0
SR13	9/22/2017 5:30	29.07	65.1	4.71	7.9	SR13	9/22/2017 11:30	29.88	67.9	4.92	6.2	SR13	9/22/2017 17:30	30.19	70.7	5.12	7.8	SR13	9/22/2017 23:30	29.75	68.3	4.96	7.1
SR13	9/22/2017 5:35	29.11	64.8	4.69	6.2	SR13	9/22/2017 11:35	29.83	68.1	4.94	7.1	SR13	9/22/2017 17:35	30.16	69.8	5.06	6.6	SR13	9/22/2017 23:35	29.57	68.1	4.94	7.6
SR13	9/22/2017 5:40	29.18	65.0	4.71	5.7	SR13	9/22/2017 11:40	29.90	68.5	4.97	7.4	SR13	9/22/2017 17:40	30.30	71.3	5.16	7.4	SR13	9/22/2017 23:40	29.79	69.6	5.06	8.2
SR13	9/22/2017 5:45	29.30	64.1	4.64	7.1	SR13	9/22/2017 11:45	29.81	68.2	4.95	7.6	SR13	9/22/2017 17:45	30.28	72.5	5.25	6.8	SR13	9/22/2017 23:45	29.78	68.7	4.99	7.9
SR13	9/22/2017 5:50	29.49	64.6	4.68	6.9	SR13	9/22/2017 11:50	29.87	68.5	4.97	7.6	SR13	9/22/2017 17:50	30.24	70.6	5.11	7.2	SR13	9/22/2017 23:50	29.84	68.5	4.98	7.4
SR13	9/22/2017 5:55	29.74	63.9	4.63	7.3	SR13	9/22/2017 11:55	29.91	68.5	4.97	6.9	SR13	9/22/2017 17:55	30.28	72.1	5.22	7.2	SR13	9/22/2017 23:55	29.71	69.4	5.04	7.3

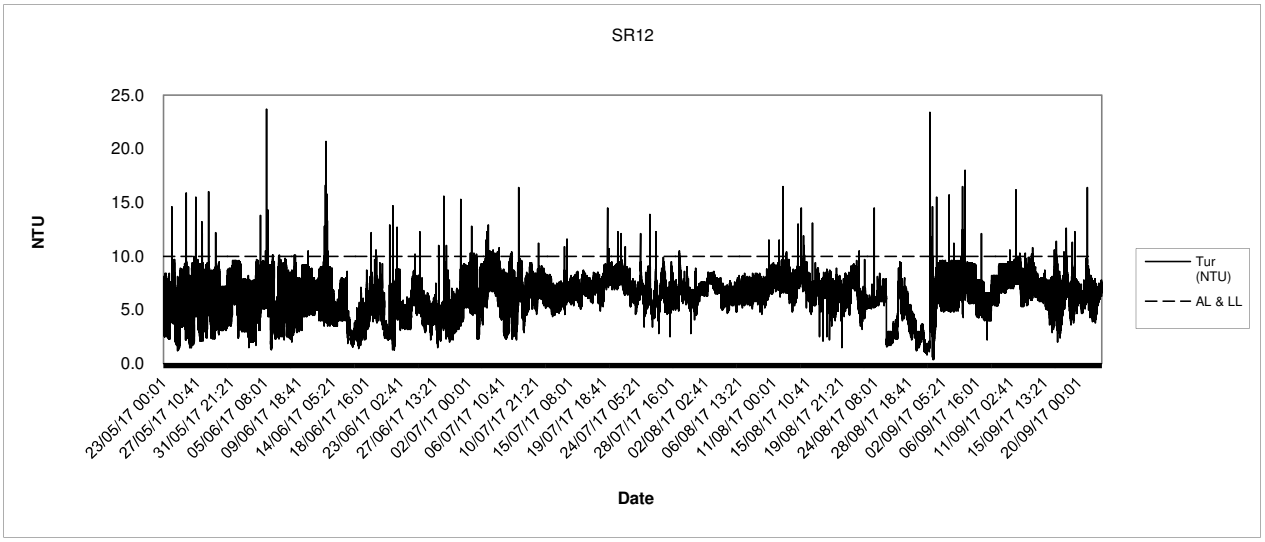
Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	9/22/2017 0:17	0.08				SR12	9/22/2017 0:17	0.06			
SR4	9/22/2017 0:37	0.08				SR12	9/22/2017 0:37	0.06			
SR4	9/22/2017 0:57	0.07				SR12	9/22/2017 0:57	0.06			
SR4	9/22/2017 1:17	0.06				SR12	9/22/2017 1:17	0.07			
SR4	9/22/2017 1:37	0.05				SR12	9/22/2017 1:37	0.08			
SR4	9/22/2017 1:57	0.06				SR12	9/22/2017 1:57	0.08			
SR4	9/22/2017 2:17	0.07				SR12	9/22/2017 2:17	0.09			
SR4	9/22/2017 2:37	0.07				SR12	9/22/2017 2:37	0.08			
SR4	9/22/2017 2:57	0.06				SR12	9/22/2017 2:57	0.09			
SR4	9/22/2017 3:17	0.06				SR12	9/22/2017 3:17	0.08			
SR4	9/22/2017 3:37	0.07				SR12	9/22/2017 3:37	0.07			
SR4	9/22/2017 3:57	0.07				SR12	9/22/2017 3:57	0.06			
SR4	9/22/2017 4:17	0.07				SR12	9/22/2017 4:17	0.06			
SR4	9/22/2017 4:37	0.06				SR12	9/22/2017 4:37	0.08			
SR4	9/22/2017 4:57	0.05				SR12	9/22/2017 4:57	0.06			
SR4	9/22/2017 5:17	0.06				SR12	9/22/2017 5:17	0.08			
SR4	9/22/2017 5:37	0.07				SR12	9/22/2017 5:37	0.09			
SR4	9/22/2017 5:57	0.07				SR12	9/22/2017 5:57	0.10			
SR4						SR12					
SR4	9/22/2017 6:37	0.07				SR12	9/22/2017 6:37	0.11			
SR4	9/22/2017 6:57	0.06				SR12	9/22/2017 6:57	0.08			
SR4	9/22/2017 7:17	0.07				SR12	9/22/2017 7:17	0.08			
SR4	9/22/2017 7:37	0.05				SR12	9/22/2017 7:37	0.09			
SR4	9/22/2017 7:57	0.04				SR12	9/22/2017 7:57	0.09			
SR4	9/22/2017 8:17	0.04				SR12	9/22/2017 8:17	0.10			
SR4	9/22/2017 8:37	0.04				SR12	9/22/2017 8:37	0.10			
SR4	9/22/2017 8:57	0.07				SR12	9/22/2017 8:57	0.11			
SR4	9/22/2017 9:17	0.07				SR12	9/22/2017 9:17	0.10			
SR4	9/22/2017 9:37	0.06				SR12	9/22/2017 9:37	0.08			
SR4	9/22/2017 9:57	0.05				SR12	9/22/2017 9:57	0.10			
SR4						SR12	9/22/2017 10:17	0.09			
SR4						SR12	9/22/2017 10:37	0.07			
SR4						SR12	9/22/2017 10:57	0.08			
SR4						SR12	9/22/2017 11:17	0.06			
SR4						SR12	9/22/2017 11:37	0.06			
SR4	9/22/2017 11:57	0.07				SR12	9/22/2017 11:57	0.05			
SR4	9/22/2017 12:17	0.06				SR12	9/22/2017 12:17	0.08			
SR4	9/22/2017 12:37	0.08				SR12	9/22/2017 12:37	0.07			
SR4	9/22/2017 12:57	0.06				SR12	9/22/2017 12:57	0.06			
SR4	9/22/2017 13:17	0.07				SR12					
SR4	9/22/2017 13:37	0.06				SR12					
SR4	9/22/2017 13:57	0.08				SR12					
SR4	9/22/2017 14:17	0.06				SR12					
SR4	9/22/2017 14:37	0.05				SR12					
SR4	9/22/2017 14:57	0.06				SR12	9/22/2017 14:57	0.10			
SR4	9/22/2017 15:17	0.07				SR12	9/22/2017 15:17	0.08			
SR4	9/22/2017 15:37	0.06				SR12	9/22/2017 15:37	0.07			
SR4	9/22/2017 15:57	0.06				SR12	9/22/2017 15:57	0.08			
SR4	9/22/2017 16:17	0.08				SR12	9/22/2017 16:17	0.09			
SR4	9/22/2017 16:37	0.09				SR12	9/22/2017 16:37	0.06			
SR4	9/22/2017 16:57	0.08				SR12	9/22/2017 16:57	0.08			
SR4	9/22/2017 17:17	0.08				SR12	9/22/2017 17:17	0.07			
SR4	9/22/2017 17:37	0.07				SR12	9/22/2017 17:37	0.06			
SR4	9/22/2017 17:57	0.06				SR12	9/22/2017 17:57	0.07			
SR4	9/22/2017 18:17	0.05				SR12	9/22/2017 18:17	0.07			
SR4	9/22/2017 18:37	0.06				SR12	9/22/2017 18:37	0.05			
SR4	9/22/2017 18:57	0.07				SR12	9/22/2017 18:57	0.05			
SR4	9/22/2017 19:17	0.07				SR12	9/22/2017 19:17	0.07			
SR4	9/22/2017 19:37	0.07				SR12	9/22/2017 19:37	0.06			
SR4	9/22/2017 19:57	0.07				SR12	9/22/2017 19:57	0.07			
SR4	9/22/2017 20:17	0.05				SR12	9/22/2017 20:17	0.07			
SR4	9/22/2017 20:37	0.04				SR12	9/22/2017 20:37	0.05			
SR4	9/22/2017 20:57	0.07				SR12	9/22/2017 20:57	0.08			
SR4	9/22/2017 21:17	0.06				SR12	9/22/2017 21:17	0.08			
SR4	9/22/2017 21:37	0.05				SR12	9/22/2017 21:37	0.07			
SR4	9/22/2017 21:57	0.04				SR12	9/22/2017 21:57	0.08			
SR4	9/22/2017 22:17	0.05				SR12	9/22/2017 22:17	0.09			
SR4	9/22/2017 22:37	0.06				SR12	9/22/2017 22:37	0.09			
SR4	9/22/2017 22:57	0.06				SR12	9/22/2017 22:57	0.07			
SR4	9/22/2017 23:17	0.08				SR12	9/22/2017 23:17	0.08			
SR4	9/22/2017 23:37	0.06				SR12	9/22/2017 23:37	0.06			
SR4	9/22/2017 23:57	0.06				SR12	9/22/2017 23:57	0.08			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.
SR4 monitoring station was under maintenance during 10:11-11:21.
SR12 monitoring station was under maintenance during 13:11-14:31.

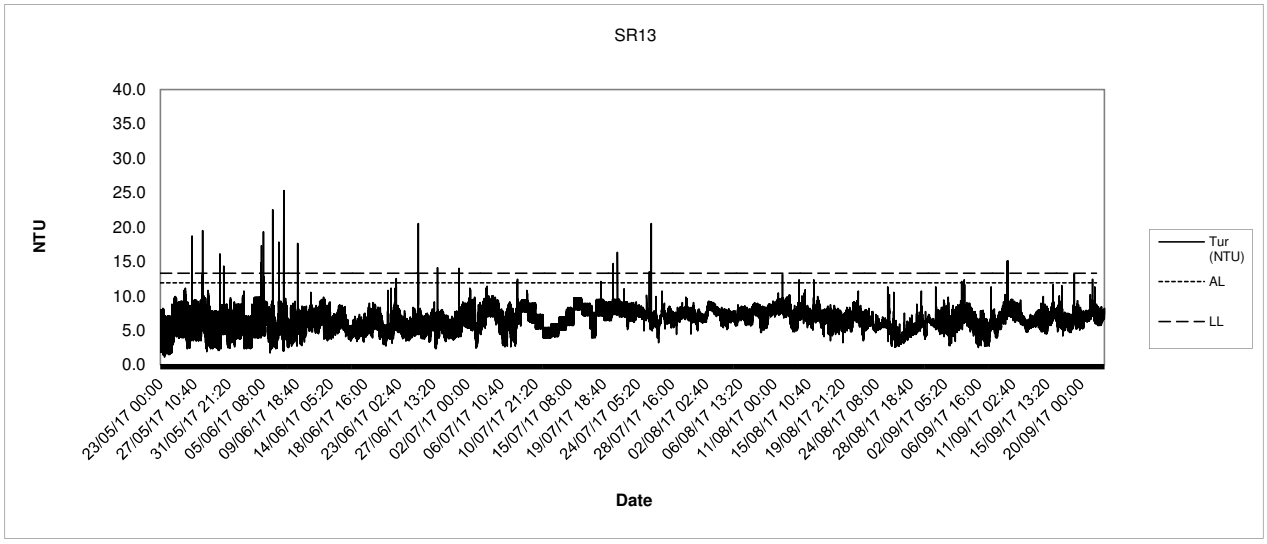
Turbidity
24-hr Water Quality Monitoring



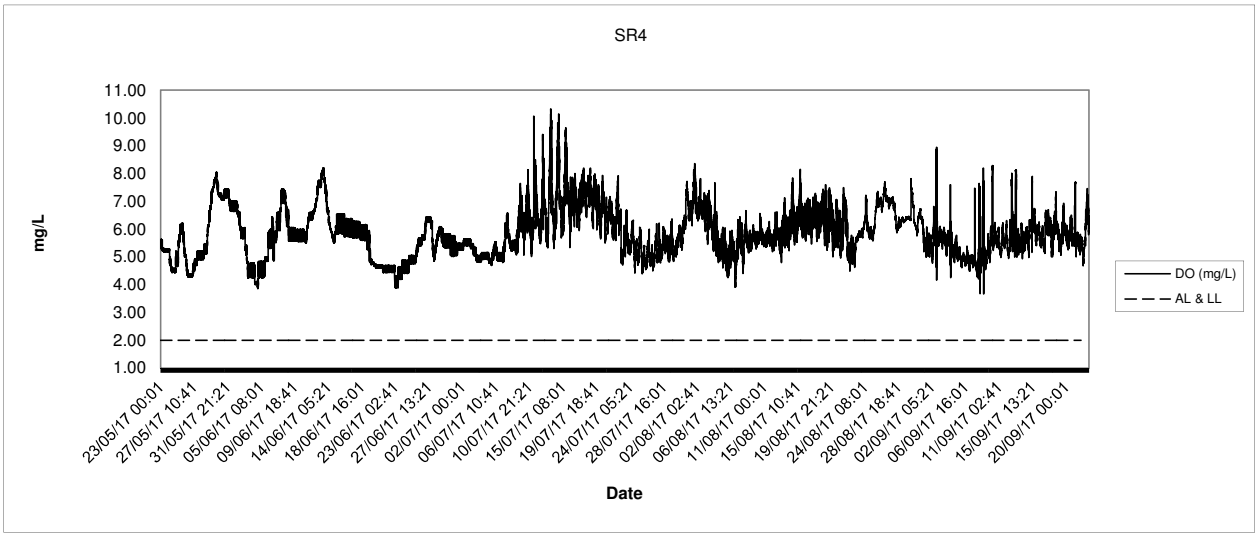


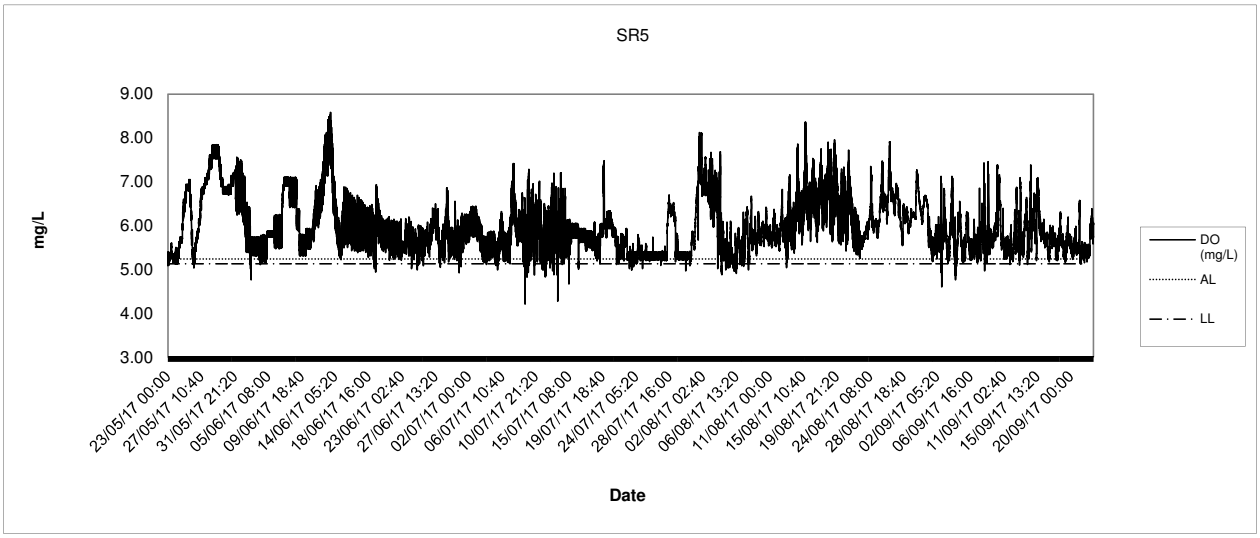


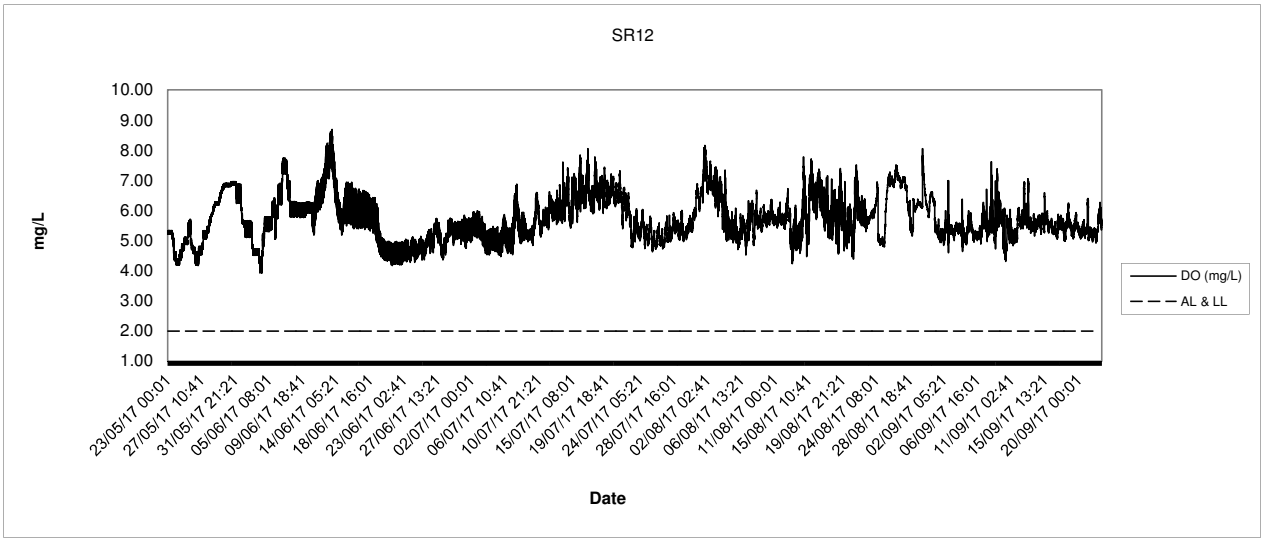
Turbidity
24-hr Water Quality Monitoring



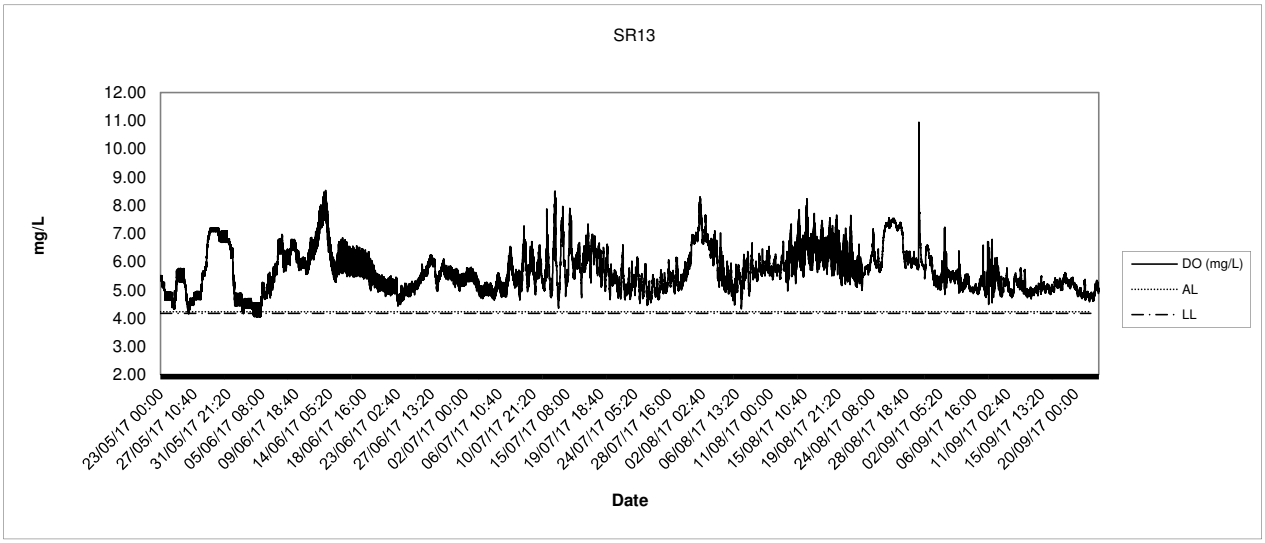
Dissolved Oxygen
24-hr Water Quality Monitoring



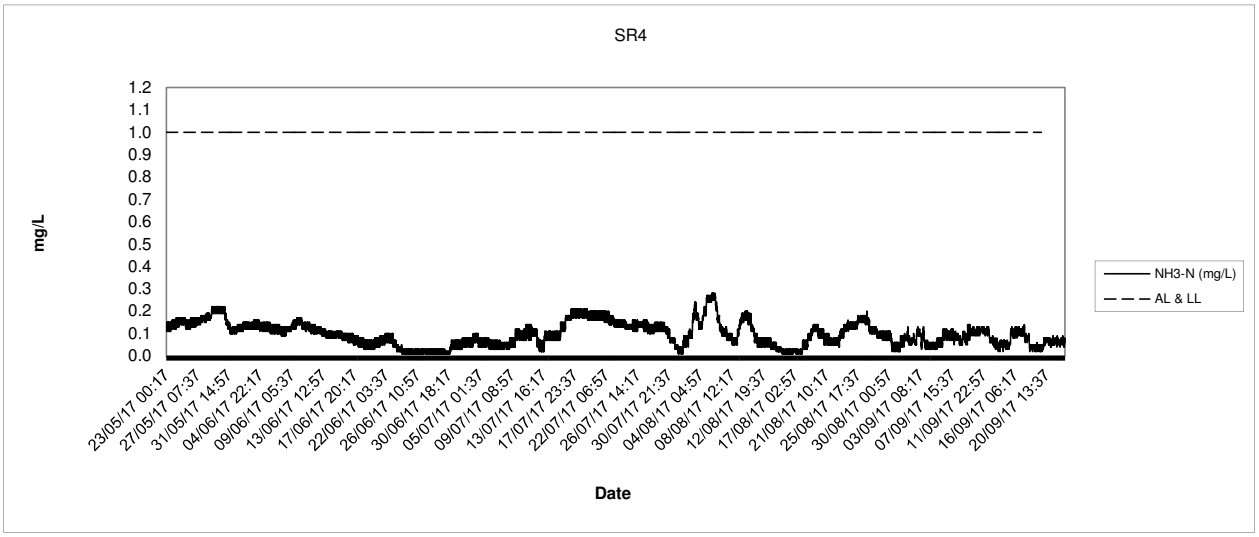


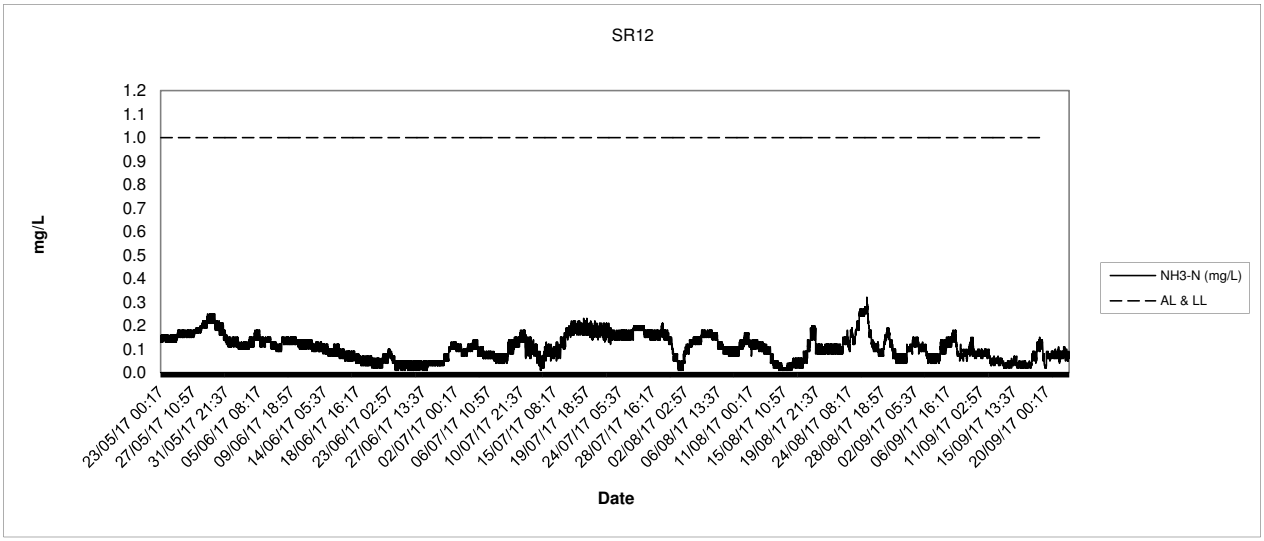


Dissolved Oxygen
24-hr Water Quality Monitoring



Ammonia-N
24-hr Water Quality Monitoring





MATERIALAB CONSULTANTS LIMITED
Room 723 & 725, 7/F, Block B,
Profit Industrial Building,
1-15 Kwai Fung Crescent,
Kwai Fong, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Appendix H

Event and Action Plans

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

Typical Event and Action Plan for Water Quality for Construction Phase

Event	Action			
	ET Leader	**IEC**	**ER**	**Contractor**
Action Level				
Exceedance for one sample	1. Repeat in-situ measurement to confirm finding; 2. Identify source(s) of impact; 3. Inform IEC and Contractor; 4. Check monitoring data, all plant, equipment and Contractor's working methods; 5. Discuss mitigation measures with IEC and Contractor; and 6. Repeat measurement on next day of exceedance.	1. Discuss with ET and Contractor on the mitigation measures; 2. Review proposals on mitigation measures submitted by Contractor and advise the ER accordingly; and 3. Assess the effectiveness of the implemented mitigation measures.	1. Discuss with IEC on the 2. proposed mitigation measures; and 3. Make agreement on the mitigation measures to be implemented.	1. Inform the ER and confirm notification of the non-compliance in writing; 2. Rectify unacceptable practice; 3. Check all plant and equipment; 4. Consider changes of working methods; 5. Discuss with ET and IEC and propose mitigation measures to IEC and ER; and 6. Implement the agreed mitigation measures.
Exceedance for two or more consecutive samples	1. Repeat in-situ measurement to confirm finding; 2. Identify source(s) of impact; 3. Inform IEC and Contractor; 4. Check monitoring data, all plant, equipment and Contractor's working methods; 5. Discuss mitigation measures with IEC and Contractor; 6. Ensure mitigation measures are implemented; 7. Prepare to increase the monitoring frequency to daily; and 8. Repeat measurement on next day of exceedance.	1. Discuss with ET and Contractor on the mitigation measures; 2. Review proposals on mitigation measures submitted by Contractor and advise the ER accordingly; and 3. Assess the effectiveness of the implemented mitigation measures.	1. Discuss with IEC on the proposed mitigation measures; 2. Make agreement on the mitigation measures to be implemented; and 3. Assess the effectiveness of the implemented mitigation measures.	1. Inform the ER and confirm notification of the non-compliance in writing; 2. Rectify unacceptable practice; 3. Check all plant and equipment; 4. Consider changes of working methods; 5. Discuss with ET and IEC and propose mitigation measures to IEC and ER within 3 working days; and 6. Implement the agreed mitigation measures.
Exceedance for two or more consecutive samples	1. Repeat in-situ measurement to confirm finding; 2. Identify source(s) of impact; 3. Inform IEC and Contractor; 4. Check monitoring data, all plant, equipment and Contractor's working methods; 5. Discuss mitigation measures with IEC and Contractor; 6. Ensure mitigation measures are implemented; 7. Prepare to increase the monitoring frequency to daily; and 8. Repeat measurement on next day of exceedance.	1. Discuss with ET and Contractor on the mitigation measures; 2. Review proposals on mitigation measures submitted by Contractor and advise the ER accordingly; and 3. Assess the effectiveness of the implemented mitigation measures.	1. Discuss with IEC on the proposed mitigation measures; 2. Make agreement on the mitigation measures to be implemented; and 3. Assess the effectiveness of the implemented mitigation measures.	1. Inform the ER and confirm notification of the non-compliance in writing; 2. Rectify unacceptable practice; 3. Check all plant and equipment; 4. Consider changes of working methods; 5. Discuss with ET and IEC and propose mitigation measures to IEC and ER within 3 working days; and 6. Implement the agreed mitigation measures.
Limit Level				
Exceedance for one sample	1. Repeat in-situ measurement to confirm finding; 2. Identify source(s) of impact; 3. Inform IEC, Contractor and EPD, if the exceedance is recorded at Fish Culture Zone, AFCD should be informed. If the exceedance is recorded at WSD Flushing Water intakes, WSD should be informed; 4. Check monitoring data, all plant, equipment	1. Discuss with ET and Contractor on the mitigation measures; 2. Review proposals on mitigation measures submitted by Contractor and advise the ER accordingly; and 3. Assess the effectiveness of the implemented mitigation measures.	1. Discuss with IEC, ET and Contractor on the proposed mitigation measures; and 2. Request Contractor to critically review the working methods; 3. Make agreement on the mitigation measures to be implemented; and 4. Assess the effectiveness of the implemented mitigation measures.	1. Inform the ER and confirm notification of the non-compliance in writing; 2. Rectify unacceptable practice; 3. Check all plant and equipment; 4. Consider changes of working methods; 5. Discuss with ET and IEC and ER and propose mitigation measures to IEC and ER within 3 working days; and 6. Implement the agreed mitigation measures.

Event	Action			
	ET Leader	**IEC**	**ER**	**Contractor**
	and Contractor's working methods; 5. Discuss mitigation measures with IEC, ER and Contractor; 6. Ensure mitigation measures are implemented; and 7. Increase the monitoring frequency to daily until no exceedance of Limit level.			
Exceedance for two or more consecutive samples	1. Repeat in-situ measurement to confirm finding; 2. Identify source(s) of impact; 3. Inform IEC, Contractor and EPD, if the exceedance is recorded at Fish Culture Zone, AFCD should be informed. If the exceedance is recorded at WSD Flushing Water intakes, WSD should be informed; 4. Check monitoring data, all plant, equipment and Contractor's working methods; 5. Discuss mitigation measures with IEC, ER and Contractor; 6. Ensure mitigation measures are implemented; and 7. Increase the monitoring frequency to daily until no exceedance of Limit level for two consecutive days.	1. Discuss with ET and Contractor on the mitigation measures; 2. Review proposals on mitigation measures submitted by Contractor and advise the ER accordingly; and 3. Assess the effectiveness of the implemented mitigation measures.	1. Discuss with IEC, ET and Contractor on the proposed mitigation measures; and 2. Request Contractor to critically review the working methods; 3. Make agreement on the mitigation measures to be implemented; 4. Assess the effectiveness of the implemented mitigation measures; and 5. Consider and instruct, if necessary, the Contractor to slow down or to stop all or part of the marine work until no exceedance of Limit Level.	1. Inform the ER and confirm notification of the non-compliance in writing; 2. Rectify unacceptable practice; 3. Check all plant and equipment; 4. Consider changes of working methods; 5. Discuss with ET and IEC and ER and propose mitigation measures to IEC and ER within 3 working days; 6. Implement the agreed mitigation measures; and 7. As directed by the ER, to slow down or to stop all or part of the marine work or construction activities.

Event and Action Plan for 24-hour Water Quality Monitoring

Event	Action			
	ET Leader	Contractor	ER	IEC
Action Level				
On Action Level exceedance of turbidity or DO (mg/L) (over a period of 30-minute), or exceedance of ammonia (mg/L) (over a period of 60-minute). Notification is sent to ET, Contractor, ER, EPD, AFCD and WSD automatically via email	1. Check data and determine if the exceedance was due to equipment problem. If so, fix the problem within 1 working day. Continue monitoring 2. Carry out investigation as soon as possible after identification of exceedance. Check monitoring data (including data from regular water quality), all plant, equipment and Contractor's working methods; 3. Report the initial investigation results to the Contractor within 24 hours of identification of exceedance. Advise contractor if exceedance may be due to contractor's construction works. 4. Conduct water quality monitoring at the mariculture/ WSD flushing water intake station with exceedance recorded and gradient stations in vicinity within 18 hours of identification of exceedance if the exceedance may be due to the works. Parameters to monitor include DO (mg/L), turbidity and SS. 5. Report the monitoring data to the Contractor within 48 hours of identification of exceedance. Advise contractor if exceedance is due to contractor's construction works. 6. Discuss mitigation measures with IEC, ER and Contractor within 2 working days of submission of the investigation results. 7. Ensure mitigation measures are implemented; 8. Closely monitor the concerned 24-hr station.	1. Check all plant and equipment; 2. Consider changes of working methods; 3. Rectify unacceptable practice; 4. Submit the monitoring data and results of the investigation to IEC and ER within 48 hours of the identification of an exceedance Inform EPD, AFCD and WSD of the results; 5. Discuss with ET, IEC and ER and propose mitigation measures to IEC and ER within 2 working days of submission of the investigation results; 6. Implement the agreed mitigation measures within reasonable time scale	1. Request Contractor to critically review the working methods; 2. Discuss with IEC, ET and Contractor on the proposed mitigation measures; 3. Ensure remedial measures are properly implemented 4. Assess the effectiveness of the implemented mitigation measures	1. Check monitoring data submitted by ET 2. Confirm ET assessment if exceedance is due /not due to the works 3. Discuss with ET, ER and Contractor on the mitigation measures 4. Review proposals on mitigation measures submitted by Contractor and advise the ER accordingly 5. Assess the effectiveness of the implemented mitigation measures
Limit Level				
On Limit Level exceedance of turbidity or DO (mg/L) (over a period of 30-minute or exceedance of ammonia (mg/L) (over a period of 60-minute). Notification is sent to ET, Contractor, ER, EPD, AFCD and	1. Check data and determine if the exceedance was due to equipment problem. If so, fix the problem within 1 working day. Continue monitoring 2. Carry out investigation as soon as possible after identification of exceedance. Check monitoring data (including data from regular water quality), all plant, equipment and Contractor's working methods;	1. Check all plant and equipment; 2. Consider changes of working methods; 3. Rectify unacceptable practice; 4. Submit the monitoring data and results of the investigation to IEC and ER within 48 hours of the identification of an exceedance Inform EPD, AFCD and WSD of the results; 5. Discuss with ET, IEC and ER and propose mitigation measures to IEC and ER within	1. Request Contractor to critically review the working methods; 2. Discuss with IEC, ET and Contractor on the proposed mitigation measures; 3. Ensure remedial measures are properly implemented 4. Assess the effectiveness of the implemented mitigation measures; 5. Consider and instruct, if necessary, the Contractor to slow down or to stop all or	1. Check monitoring data submitted by ET 2. Confirm ET assessment if exceedance is due /not due to the works 3. Discuss with ET, ER and Contractor on the mitigation measures 4. Review proposals on mitigation measures submitted by Contractor and advise the ER accordingly 5. Assess the effectiveness of the implemented mitigation measures

Event	Action			
	ET Leader	Contractor	ER	IEC
WSD automatically via email	3. Report the initial investigation results to the Contractor within 24 hours of identification of exceedance. Advise contractor if exceedance may be due to contractor's construction works. 4. Conduct water quality monitoring at the all monitoring stations within 18 hours of identification of exceedance if the exceedance may be due to the works. Parameters to monitor include DO (mg/L), turbidity and SS. 5. Report the monitoring data to the Contractor within 48 hours of identification of exceedance. Advise contractor if exceedance is due to contractor's construction works. 6. Discuss mitigation measures with IEC, ER and Contractor within 2 working days of submission of the investigation results. 7. Ensure mitigation measures are implemented; 8. Closely monitor the concerned 24-hr station.	2 working days of submission of the investigation results; 6. Implement the agreed mitigation measures within reasonable time scale; 7. As directed by ER, to slow down or stop all or part of the marine work or construction activities.	part of the marine work until no exceedance of Limit Level.	

MATERIALAB CONSULTANTS LIMITED
Room 723 & 725, 7/F, Block B,
Profit Industrial Building,
1-15 Kwai Fung Crescent,
Kwai Fong, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Appendix I

Details of Notification of Exceedances

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Room 723 & 725, 7/F, Block B,
Profit Industrial Building,
1-15 Kwai Fung Crescent,
Kwai Fong, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Report No.: 0394/13/ED/0364A

Routine Impact Monitoring

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20170824 /IM/SR3
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	24/08/2017
Time: (hh:mm)	Mid-Flood: 08:50 Mid-Ebb: 11:50
Monitoring Location:	SR3 –Approach, Gazetted Beach
Action Level / Limit Level:	DO (S&M): 4.68/4.62 mg/L; NH3-N: 0.21/0.24 mg/L ; DO (B): 4.11/4.04 mg/L; Turbidity: 10.8/15.0 NTU; _____ : _____ / _____ mg/L _____ : _____ / _____ mg/L

Measured Level of exceeded parameters (tick / fill in / circle as appropriate)	Mid-Flood:		Mid-Ebb:	
	DO (S&M): _____ AL / LL	DO (B): _____ AL / LL	DO (S&M): _____ AL / LL	DO (B): _____ AL / LL
	Turbidity: _____ AL / LL	NH3-N(In-situ): _____ AL / LL	Turbidity: _____ AL / LL	NH3-N(In-situ): 0.26 AL / (LL)
	NH3-N(Lab): _____ AL / LL	_____ : _____ AL / LL	NH3-N(Lab): 0.25 AL / (LL)	_____ : _____ AL / LL

Action taken / to be taken: (tick / fill in as appropriate)

Inspection:
- ☐ Silt curtain in proper condition
- ☐ Dredging rate within accepted rate
- ☑ Monitoring equipment is checked and confirmed without problem.
- ☐ Others: _____

Possible reason for Action or Limit Level Non-compliance: (tick / fill in as appropriate)

	DO(S&M)	DO(B)	Turbidity	NH3-N (In-situ)	NH-3-N (Lab)
☑ Station at Upstream Location at ME				✓	✓
☐ Upstream Control Station (or gradient station) exceeded AL/LL					
☐ No increasing / decreasing (for DO) trend across the Project at MF	Upstream: ____ ( )mg/L Downstream: ( )mg/L	Upstream: ____ ( )mg/L Downstream: ( )mg/L	Upstream: ____ ( )NTU Downstream: ( )NTU	Upstream: ____ ( )mg/L Downstream: ( )mg/L	
☑ No Dredging Works carried out.					
Conclusion ☑ Due to change or/and influence of ambient condition in the vicinity, i.e. not Project related.				✓	✓

Remarks: (tick / fill in as appropriate)

Repeat in-situ measurement was done.

Mid-Flood:	DO (S&M): ____	DO (B): ____		Turbidity: ____	
	NH3-N: ____	____ : ____		____ : ____	
Mid-Ebb:	DO (S&M): ____	DO (B): ____		Turbidity: ____	
	NH3-N: 0.26	____ : ____		____ : ____	

☐ _____

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

	DO(S&M)	DO(B)	Turbidity	NH3-N	
Others					

Prepared by: Wingo So

Signature: _____

Date (dd/mm/yyyy): 22 / 09 / 2017

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature: _____

Date (dd/mm/yy): 22/09/2017

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
DO (S&M) – Dissolved Oxygen (Surface & Middle)
LL – Limit Level
ME – Mid Ebb
MF – Mid Flood
NH3-N (In-situ) – Ammoniacal Nitrogen (In-situ results)
NH3-N (Lab) – Ammoniacal Nitrogen (Laboratory results)
TIN (In-situ) – Total Inorganic Nitrogen (In-situ results)
TIN (Lab) – Total Inorganic Nitrogen (Laboratory results)
TSS – Total Suspended Solids
- Wet Season: April to October; Dry Season: November to March

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

MaterialLab

Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20170824 /IM/SR4
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	24/08/2017
Time: (hh:mm)	Mid-Flood: 08:35 Mid-Ebb: 12:05
Monitoring Location:	SR4 – Tsuen Wan, WSD Flushing Water Intake
Action Level / Limit Level:	DO (S&M): 2/2 mg/L; NH3-N: <1/<1 mg/L ; DO (B): 2/2 mg/L; Turbidity: <10/<10 NTU; Total Suspended Solids : <10/<10 mg/L E.coli : <20,000 / <20,000 mg/L

Measured Level of exceeded parameters: (tick / fill in / circle as appropriate)	Mid-Food:				Mid-Ebb:			
	DO (S&M): ____AL / LL	DO (B): ____AL / LL	DO (S&M): ____AL / LL	DO (B): ____AL / LL
	Turbidity: ____AL / LL	NH3-N(in-situ): ____AL / LL	Turbidity: ____AL / LL	NH3-N(in-situ): ____AL / LL
	E.coli : ____AL / LL	TSS : 11 AL / (LL)	E.coli : ____AL / LL	TSS : ____AL / LL

Action taken / to be taken: (tick / fill in as appropriate)

Inspection:
- ☐ Silt curtain in proper condition
- ☐ Dredging rate within accepted rate
- ☑ Monitoring equipment is checked and confirmed without problem.
- ☐ Others: _____

Possible reason for Action or Limit Level Non-compliance: (tick / fill in as appropriate)

	DO(S&M)	DO(B)	Turbidity	TSS	E.coli
	Findings / Evidences				
☐ Station at Upstream Location at ME					
☐ Upstream Control Station ( ) exceeded AL/LL					
☑ No increasing / ~~decreasing (for DO)~~ trend across the Project at MF	Upstream: ____( )mg/L Downstream: ( )mg/L	Upstream: ____( )mg/L Downstream: ( )mg/L	Upstream: ____( )NTU Downstream: ( )NTU	Upstream: 9 mg/L (C2A) Downstream: 7 mg/L (G2)	
☑ No Dredging Works carried out.					

Conclusion

☑ Due to change or/and influence of ambient condition in the vicinity, i.e. not Project related. ✓

Remarks: (tick / fill in as appropriate)

Repeat In-situ measurement was done.

Mid-Flood: DO (S&M): _____ NH3-N: _____ DO (B): _____; _____ Turbidity: _____; _____

Mid-Ebb: DO (S&M): _____ NH3-N: _____ DO (B): _____; _____ Turbidity: _____; _____

☐ _____

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

	DO(S&M)	DO(B)	Turbidity	NH3-N	
Others					

Prepared by: Wingo So

Signature: _____

Date (dd/mm/yyyy): 22/09/2017

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature: _____

Date (dd/mm/yy): 22/09/2017

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
DO (S&M) – Dissolved Oxygen (Surface & Middle)
LL – Limit Level
ME – Mid Ebb
MF – Mid Flood
NH3-N (In-situ) – Ammoniacal Nitrogen (In-situ results)
NH3-N (Lab) – Ammoniacal Nitrogen (Laboratory results)
TIN (In-situ) – Total Inorganic Nitrogen (In-situ results)
TIN (Lab) – Total Inorganic Nitrogen (Laboratory results)
TSS – Total Suspended Solids
- Wet Season: April to October; Dry Season: November to March

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

MaterialLab

Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20170824 /IM/SR5
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	24/08/2017
Time: (hh:mm)	Mid-Flood: 09:33 Mid-Ebb: 11:10
Monitoring Location:	SR5 – Ma Wan FCZ
Action Level / Limit Level:	DO (S&M): 5/5 mg/L; Turbidity: 10.8/15.0 NTU; DO (B): 4.11/4.04 mg/L; TIN 0.45/0.50(wet season) or 0.36/0.39(dry season)mg/L TSS : 12 / 19 mg/L : / mg/L

Measured Level of exceeded parameters: (tick / fill in / circle as appropriate)	Mid-Flood:			Mid-Ebb:			
	DO (S&M): ____AL / LL	DO (B): ____AL / LL		DO (S&M): ____AL / LL	DO (B): ____AL / LL		
	Turbidity: ____AL / LL	TIN(In-situ): 0.51 AL / (LL)		Turbidity: ____AL / LL	TIN(In-situ): 0.50 (AL) / LL		
	TIN(Lab): 0.52 AL / (LL)	TSS : 18 (AL) / LL		TIN(Lab): 0.50 (AL) / LL	TSS : ____AL / LL		

Action taken / to be taken: (tick / fill in as appropriate)

Inspection:
- ☐ Silt curtain in proper condition
- ☐ Dredging rate within accepted rate
- ☑ Monitoring equipment is checked and confirmed without problem.
- ☐ Others: _____

Possible reason for Action or Limit Level Non-compliance: (tick / fill in as appropriate)

	DO(S&M)	DO(B)	TSS	TIN (In-situ)	TIN (Lab)
	Findings / Evidences				
☑ Station at Upstream Location at ME				✓	✓
☑ Upstream Control Station (or gradient station) exceeded AL/LL				MF:0.89mg/L(C2A)	MF:0.91mg/L(C2A)
☑ No increasing / ~~decreasing (for DO)~~ trend across the Project at MF	Upstream: ____( )mg/L Downstream: ____( )mg/L	Upstream: ____( )mg/L Downstream: ____( )mg/L	Upstream: 9 mg/L (C2A) Downstream: 7 mg/L (G2)	Upstream: ____( )mg/L Downstream: ____( )mg/L	
☑ No Dredging Works carried out.					
Conclusion ☑ Due to change or/and influence of ambient condition in the vicinity, i.e. not Project related.			✓	✓	✓

Remarks: (tick / fill in as appropriate)

Repeat In-situ measurement was done.

Mid-Flood:	DO (S&M):		DO (B):		Turbidity:		
	TIN:	0.51	____:		____:		
Mid-Ebb:	DO (S&M):		DO (B):		Turbidity:		
	TIN:	0.50	____:		____:		

☐ _____

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
6 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

	DO(S&M)	DO(B)	Turbidity	TIN (in-situ)	TIN (Lab)
Others					

Prepared by: Wingo So

Signature: Wingo

Date (dd/mm/yyyy): 22/09/2017

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature: C

Date (dd/mm/yy): 22/09/2017

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
DO (S&M) – Dissolved Oxygen (Surface & Middle)
LL – Limit Level
ME – Mid Ebb
MF – Mid Flood
NH3-N (In-situ) – Ammoniacal Nitrogen (In-situ results)
NH3-N (Lab) – Ammoniacal Nitrogen (Laboratory results)
TIN (In-situ) – Total Inorganic Nitrogen (In-situ results)
TIN (Lab) – Total Inorganic Nitrogen (Laboratory results)
TSS – Total Suspended Solids
- Wet Season: April to October; Dry Season: November to March

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508236
Fax : (852)-24508032
Email : mcl@fugro.com.hk

MaterialLab

Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20170824 /IM/SR12
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	24/08/2017
Time: (hh:mm)	Mid-Flood: 08:20 Mid-Ebb: 12:20
Monitoring Location:	SR12 – Tsing Yi, WSD Flushing Water Intake
Action Level / Limit Level:	DO (S&M): 2/2 mg/L; NH3-N: <1/<1 mg/L ; DO (B): 2/2 mg/L; Turbidity: <10/<10 NTU; Total Suspended Solids : <10/<10 mg/L _____ : _____/_____mg/L

Measured Level of exceeded parameters: (tick / fill in / circle as appropriate)								
Mid-Food:					Mid-Ebb:			
DO (S&M):	_____AL / LL	DO (B):	_____AL / LL		DO (S&M):	_____AL / LL	DO (B):	_____AL / LL
Turbidity:	_____AL / LL	NH3-N(In-situ):	_____AL / LL		Turbidity:	_____AL / LL	NH3-N(In-situ):	_____AL / LL
NH3-N(Lab):	_____AL / LL	TSS :	17 AL / (LL)		NH3-N(Lab):	_____AL / LL	_____ :	_____AL / LL

Action taken / to be taken: (tick / fill in as appropriate)

Inspection:
- ☐ Silt curtain in proper condition
- ☐ Dredging rate within accepted rate
- ☑ Monitoring equipment is checked and confirmed without problem.
- ☐ Others: _____

Possible reason for Action or Limit Level Non-compliance: (tick / fill in as appropriate)

	DO(S&M)	DO(B)	Turbidity	NH3-N	TSS
	Findings / Evidences				
☐ Station at Upstream Location at ME					
☐ Upstream Control Station (or gradient station) exceeded AL/LL					
☑ No increasing / ~~decreasing (for DO)~~ trend across the Project at MF	Upstream: _____( )mg/L Downstream: _____( )mg/L	Upstream: _____( )mg/L Downstream: _____( )mg/L	Upstream: _____( )NTU Downstream: _____( )NTU	Upstream: _____( )mg/L Downstream: _____( )mg/L	Upstream: 9 mg/L (C2A) Downstream: 7 mg/L (G2)
☑ No Dredging Works carried out.					

Conclusion

☑ Due to change or/and influence of ambient condition in the vicinity, i.e. not Project related.

✓

Remarks: (tick / fill in as appropriate)

Repeat In-situ measurement was done.

Mid-Flood:	DO (S&M): _____	DO (B): _____	Turbidity: _____
	NH3-N: _____	_____: _____	_____: _____
Mid-Ebb:	DO (S&M): _____	DO (B): _____	Turbidity: _____
	NH3-N: _____	_____: _____	_____: _____

☐ _____

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

	DO(S&M)	DO(B)	Turbidity	NH3-N	
Others					

Prepared by: Wingo So

Signature: _____

Date (dd/mm/yyyy): 22/09/2017

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature: _____

Date (dd/mm/yy): 22/09/2017

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
DO (S&M) – Dissolved Oxygen (Surface & Middle)
LL – Limit Level
ME – Mid Ebb
MF – Mid Flood
NH3-N (In-situ) – Ammoniacal Nitrogen (In-situ results)
NH3-N (Lab) – Ammoniacal Nitrogen (Laboratory results)
TIN (In-situ) – Total Inorganic Nitrogen (In-situ results)
TIN (Lab) – Total Inorganic Nitrogen (Laboratory results)
TSS – Total Suspended Solids
- Wet Season: April to October; Dry Season: November to March

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20170826 /IM/SR5
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	26/08/2017
Time: (hh:mm)	Mid-Flood: 11:26 Mid-Ebb: 12:35
Monitoring Location:	SR5 – Ma Wan FCZ
Action Level / Limit Level:	DO (S&M): 5/5 mg/L; Turbidity: 10.8/15.0 NTU; DO (B): 4.11/4.04 mg/L; TIN 0.45/0.50(wet season) or 0.36/0.39(dry season)mg/L TSS : 12 / 19 mg/L : / mg/L

Measured Level of exceeded parameters: (tick / fill in / circle as appropriate)	Mid-Flood:		Mid-Ebb:	
	DO (S&M): ____AL / LL	DO (B): ____AL / LL	DO (S&M): ____AL / LL	DO (B): ____AL / LL
	Turbidity: ____AL / LL	TIN(In-situ): 0.76 AL / (LL)	Turbidity: ____AL / LL	TIN(In-situ): 0.75 AL / (LL)
	TIN(Lab): 0.75 AL / (LL)	TSS : ____AL / LL	TIN(Lab): 0.75 AL / (LL)	TSS : ____AL / LL

Action taken / to be taken: (tick / fill in as appropriate)

Inspection:
- ☐ Silt curtain in proper condition
- ☐ Dredging rate within accepted rate
- ☑ Monitoring equipment is checked and confirmed without problem.
- ☐ Others: _____

Possible reason for Action or Limit Level Non-compliance: (tick / fill in as appropriate)

	DO(S&M)	DO(B)	TSS	TIN (In-situ)	TIN (Lab)
	Findings / Evidences				
☑ Station at Upstream Location at ME				✓	✓
☑ Upstream Control Station (or gradient station) exceeded AL/LL				MF:0.74mg/L(C2A)	MF:0.76mg/L(C2A)
☐ No increasing trend towards the Project at MF:	Upstream: ____( )mg/L Downstream: ____( )mg/L	Upstream: ____( )mg/L Downstream: ____( )mg/L	Upstream: ____( )NTU Downstream: ____( )NTU	Upstream: ____( )mg/L Downstream: ____( )mg/L	
☑ No Dredging Works carried out.					
Conclusion					
☑ Due to change or/and influence of ambient condition in the vicinity, i.e. not Project related.				✓	✓

Remarks: (tick / fill in as appropriate)

Repeat In-situ measurement was done.

Mid-Flood: DO (S&M): _____ DO (B): _____ Turbidity: _____
TIN: 0.76 _____: _____ _____: _____

Mid-Ebb: DO (S&M): _____ DO (B): _____ Turbidity: _____
TIN: 0.75 _____: _____ _____: _____

☐ _____

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

	DO(S&M)	DO(B)	Turbidity	TIN (In-situ)	TIN (Lab)
Others					

Prepared by: Wingo So

Signature: _____

Date (dd/mm/yyyy): 22/09/2017

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature: _____

Date (dd/mm/yy): 22/09/2017

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
DO (S&M) – Dissolved Oxygen (Surface & Middle)
LL – Limit Level
ME – Mid Ebb
MF – Mid Flood
NH3-N (In-situ) – Ammoniacal Nitrogen (In-situ results)
NH3-N (Lab) – Ammoniacal Nitrogen (Laboratory results)
TIN (In-situ) – Total Inorganic Nitrogen (In-situ results)
TIN (Lab) – Total Inorganic Nitrogen (Laboratory results)
TSS – Total Suspended Solids
- Wet Season: April to October; Dry Season: November to March

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20170829 /IM/SR5
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	29/08/2017
Time: (hh:mm)	Mid-Flood: 13:47 Mid-Ebb: 16:11
Monitoring Location:	SR5 – Ma Wan FCZ
Action Level / Limit Level:	DO (S&M): 5/5 mg/L; Turbidity: 10.8/15.0 NTU; DO (B): 4.11/4.04 mg/L; TIN 0.45/0.50(wet season) or 0.36/0.39(dry season)mg/L TSS : 12 / 19 mg/L : / mg/L
Measured Level of exceeded parameters: (tick / fill in / circle as appropriate)	Mid-Flood: DO (S&M): ____AL / LL; DO (B): ____AL / LL Turbidity: ____AL / LL; TIN(In-situ): 1.08 AL / (LL) TIN(Lab): 1.07 AL / (LL); ____: ____AL / LL Mid-Ebb: DO (S&M): ____AL / LL; DO (B): ____AL / LL Turbidity: ____AL / LL; TIN(In-situ): 1.07 AL / (LL) TIN(Lab): 1.07 AL / (LL); TSS : ____AL / LL
Action taken / to be taken: (tick / fill in as appropriate)	Inspection: ☐ Silt curtain in proper condition ☐ Dredging rate within accepted rate ☑ Monitoring equipment is checked and confirmed without problem. ☐ Others: _____

		DO(S&M)	DO(B)	TSS	TIN (In-situ)	TIN (Lab)
		Findings / Evidences				
Possible reason for Action or Limit Level Non-compliance: (tick / fill in as appropriate)	☑ Station at Upstream Location at ME				✓	✓
	☑ Upstream Control Station (or gradient station) exceeded AL/LL				MF:0.53mg/L(C2A)	MF:0.53mg/L(C2A)
	☐ No increasing / ~~decreasing (for DO)~~ trend across the Project at MF	Upstream: ____( )mg/L Downstream: ____( )mg/L	Upstream: ____( )mg/L Downstream: ____( )mg/L	Upstream: ____( )NTU Downstream: ____( )NTU	Upstream: ____( )mg/L Downstream: ____( )mg/L	
	☑ No Dredging Works carried out.					
Conclusion	☑ Due to change or/and influence of ambient condition in the vicinity, i.e. not Project related.				✓	✓

Remarks: (tick / fill in as appropriate)

Repeat In-situ measurement was done.

Mid-Flood:	DO (S&M):		DO (B):		Turbidity:	
	TIN:	0.53	____:		____:	
Mid-Ebb:	DO (S&M):		DO (B):		Turbidity:	
	TIN:	0.53	____:		____:	

☐ _____

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED

Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.

Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

	DO(S&M)	DO(B)	Turbidity	TIN (In-situ)	TIN (Lab)
Others					

Prepared by: Wingo So

Signature:

Date (dd/mm/yyyy): 22/09/2017

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature:

Date (dd/mm/yy): 22/09/2017

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
DO (S&M) – Dissolved Oxygen (Surface & Middle)
LL – Limit Level
ME – Mid Ebb
MF – Mid Flood
NH3-N (In-situ) – Ammoniacal Nitrogen (In-situ results)
NH3-N (Lab) – Ammoniacal Nitrogen (Laboratory results)
TIN (In-situ) – Total Inorganic Nitrogen (In-situ results)
TIN (Lab) – Total Inorganic Nitrogen (Laboratory results)
TSS – Total Suspended Solids
- Wet Season: April to October; Dry Season: November to March

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

MaterialLab

Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20170829 /IM/SR12
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and Its Approach Channel
Date:	29/08/2017
Time: (hh:mm)	Mid-Flood: 12:24 Mid-Ebb: 17:12
Monitoring Location:	SR12 – Tsing Yi, WSD Flushing Water Intake
Action Level / Limit Level:	DO (S&M): 2/2 mg/L; NH3-N: <1/<1 mg/L ; DO (B): 2/2 mg/L; Turbidity: <10/<10 NTU; Total Suspended Solids : <10/<10 mg/L _____ : _____/_____mg/L
Measured Level of exceeded parameters: (tick / fill in / circle as appropriate)	Mid-Food: DO (S&M): _____AL / LL DO (B): _____AL / LL Turbidity: _____AL / LL NH3-N(In-situ): _____AL / LL NH3-N(Lab): _____AL / LL TSS : 10 AL / (LL) Mid-Ebb: DO (S&M): _____AL / LL DO (B): _____AL / LL Turbidity: _____AL / LL NH3-N(In-situ): _____AL / LL NH3-N(Lab): _____AL / LL _____ : _____AL / LL
Action taken / to be taken: (tick / fill in as appropriate)	Inspection: ☐ Silt curtain in proper condition ☐ Dredging rate within accepted rate ☑ Monitoring equipment is checked and confirmed without problem. ☐ Others: _____

Possible reason for Action or Limit Level Non-compliance: (tick / fill in as appropriate)	DO(S&M)	DO(B)	Turbidity	NH3-N	TSS
	Findings / Evidences				
☐ Station at Upstream Location at ME					
☐ Upstream Control Station (or gradient station) exceeded AL/LL					
☑ No increasing / ~~decreasing (for DO)~~ trend across the Project at MF	Upstream: _____( )mg/L Downstream: _____( )mg/L	Upstream: _____( )mg/L Downstream: _____( )mg/L	Upstream: _____( )NTU Downstream: _____( )NTU	Upstream: _____( )mg/L Downstream: _____( )mg/L	Upstream: 8 mg/L (C2A) Downstream: 4 mg/L (C1A)
☑ No Dredging Works carried out.					
Conclusion: ☑ Due to change or/and influence of ambient condition in the vicinity, i.e. not Project related.					✓

Remarks: (tick / fill in as appropriate)

Repeat In-situ measurement was done.

Mid-Flood: DO (S&M): _____ DO (B): _____ Turbidity: _____
NH3-N: _____ _____: _____ _____: _____

Mid-Ebb: DO (S&M): _____ DO (B): _____ Turbidity: _____
NH3-N: _____ _____: _____ _____: _____

☐ _____

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

	DO(S&M)	DO(B)	Turbidity	NH3-N	
Others					

Prepared by: Wingo So

Signature:

Date (dd/mm/yyyy): 22/09/2017

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature:

Date (dd/mm/yy): 22/09/2017

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
DO (S&M) – Dissolved Oxygen (Surface & Middle)
LL – Limit Level
ME – Mid Ebb
MF – Mid Flood
NH3-N (In-situ) – Ammoniacal Nitrogen (In-situ results)
NH3-N (Lab) – Ammoniacal Nitrogen (Laboratory results)
TIN (In-situ) – Total Inorganic Nitrogen (In-situ results)
TIN (Lab) – Total Inorganic Nitrogen (Laboratory results)
TSS – Total Suspended Solids
- Wet Season: April to October; Dry Season: November to March

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

MaterialLab

Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20170831 /IM/SR5
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	31/08/2017
Time: (hh:mm)	Mid-Flood: 12:45 Mid-Ebb: 10:39
Monitoring Location:	SR5 – Ma Wan FCZ
Action Level / Limit Level:	DO (S&M): 5/5 mg/L; Turbidity: 10.8/15.0 NTU; DO (B): 4.11/4.04 mg/L; TIN 0.45/0.50(wet season) or 0.36/0.39(dry season)mg/L TSS : 12 / 19 mg/L ; / mg/L
Measured Level of exceeded parameters: (tick / fill in / circle as appropriate)	Mid-Flood: DO (S&M): ____AL / LL; DO (B): ____AL / LL; DO (S&M): ____AL / LL; DO (B): ____AL / LL Turbidity: ____AL / LL; TIN(In-situ): 1.20 AL / (LL); Turbidity: ____AL / LL; TIN(In-situ): 1.18 AL / (LL) TIN(Lab): 1.19 AL / (LL); ____: ____AL / LL; TIN(Lab): 1.17 AL / (LL); TSS : ____AL / LL
Action taken / to be taken: (tick / fill in as appropriate)	Inspection: ☐ Silt curtain in proper condition ☐ Dredging rate within accepted rate ☑ Monitoring equipment is checked and confirmed without problem. ☐ Others:

Possible reason for Action or Limit Level Non-compliance: (tick / fill in as appropriate)	DO(S&M)	DO(B)	TSS	TIN (In-situ)	TIN (Lab)
	Findings / Evidences				
☑ Station at Upstream Location at ME				✓	✓
☑ Upstream Control Station (or gradient station) exceeded AL/LL				MF:0.67mg/L(C2A)	MF:0.66mg/L(C2A)
☐ No increasing / ~~decreasing (for DO)~~ trend across the Project at MF	Upstream: ____( )mg/L Downstream: ____( )mg/L	Upstream: ____( )mg/L Downstream: ____( )mg/L	Upstream: ____( )NTU Downstream: ____( )NTU	Upstream: ____( )mg/L Downstream: ____( )mg/L	
☑ No Dredging Works carried out.					
Conclusion: ☑ Due to change or/and influence of ambient condition in the vicinity, i.e. not Project related.				✓	✓

Remarks: (tick / fill in as appropriate)

Repeat In-situ measurement was done.

Mid-Flood:	DO (S&M):		DO (B):	Turbidity:
	TIN: 1.20		____: ____	____: ____
Mid-Ebb:	DO (S&M):		DO (B):	Turbidity:
	TIN: 1.18		____: ____	____: ____

☐

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

	DO(S&M)	DO(B)	Turbidity	TIN (In-situ)	TIN (Lab)
Others					

Prepared by: Wingo So

Signature: _____

Date (dd/mm/yyyy): 22/09/2017

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature: _____

Date (dd/mm/yy): 22/09/2017

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
DO (S&M) – Dissolved Oxygen (Surface & Middle)
LL – Limit Level
ME – Mid Ebb
MF – Mid Flood
NH3-N (In-situ) – Ammoniacal Nitrogen (In-situ results)
NH3-N (Lab) – Ammoniacal Nitrogen (Laboratory results)
TIN (In-situ) – Total Inorganic Nitrogen (In-situ results)
TIN (Lab) – Total Inorganic Nitrogen (Laboratory results)
TSS – Total Suspended Solids
- Wet Season: April to October; Dry Season: November to March

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

MaterialLab

Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20170902 /IM/SR5
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	02/09/2017
Time: (hh:mm)	Mid-Flood: 14:15 Mid-Ebb: 11:55
Monitoring Location:	SR5 – Ma Wan FCZ
Action Level / Limit Level:	DO (S&M): 5/5 mg/L; Turbidity: 10.8/15.0 NTU; DO (B): 4.11/4.04 mg/L; TIN 0.45/0.50(wet season) or 0.36/0.39(dry season)mg/L TSS : 12 / 19 mg/L : / mg/L

Measured Level of exceeded parameters: (tick / fill in / circle as appropriate)	Mid-Flood:				Mid-Ebb:			
	DO (S&M):	AL / LL	DO (B):	AL / LL	DO (S&M):	AL / LL	DO (B):	AL / LL
	Turbidity:	AL / LL	TIN(in-situ):	1.09 AL / (LL)	Turbidity:	AL / LL	TIN(in-situ):	1.09 AL / (LL)
	TIN(Lab):	1.09 AL / (LL)	:	AL / LL	TIN(Lab):	1.09 AL / (LL)	TSS :	AL / LL

Action taken / to be taken: (tick / fill in as appropriate)

Inspection:
- ☐ Silt curtain in proper condition
- ☐ Dredging rate within accepted rate
- ☑ Monitoring equipment is checked and confirmed without problem.
- ☐ Others: _____

Possible reason for Action or Limit Level Non-compliance: (tick / fill in as appropriate)

	DO(S&M)	DO(B)	TSS	TIN (In-situ)	TIN (Lab)
	Findings / Evidences				
☑ Station at Upstream Location at ME				✓	✓
☑ Upstream Control Station (or gradient station) exceeded AL/LL				MF:0.55mg/L(C2A)	MF:0.55mg/L(C2A)
☐ No increasing / ~~decreasing (for DO)~~ trend across the Project at MF	Upstream: ( )mg/L Downstream: ( )mg/L	Upstream: ( )mg/L Downstream: ( )mg/L	Upstream: ( )NTU Downstream: ( )NTU	Upstream: ( )mg/L Downstream: ( )mg/L	
☑ No Dredging Works carried out.					
Conclusion ☑ Due to change or/and influence of ambient condition in the vicinity, i.e. not Project related.				✓	✓

Remarks: (tick / fill in as appropriate)

Repeat In-situ measurement was done.

Mid-Flood:	DO (S&M):		DO (B):		Turbidity:	
	TIN:	1.09		:		:
Mid-Ebb:	DO (S&M):		DO (B):		Turbidity:	
	TIN:	1.09		:		:

☐ _____

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

	DO(S&M)	DO(B)	Turbidity	TIN (In-situ)	TIN (Lab)
Others					

Prepared by: Wingo So

Signature: _____

Date (dd/mm/yyyy): 04/10/2017

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature: _____

Date (dd/mm/yy): 04/10/2017

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
DO (S&M) – Dissolved Oxygen (Surface & Middle)
LL – Limit Level
ME – Mid Ebb
MF – Mid Flood
NH3-N (In-situ) – Ammoniacal Nitrogen (In-situ results)
NH3-N (Lab) – Ammoniacal Nitrogen (Laboratory results)
TIN (In-situ) – Total Inorganic Nitrogen (In-situ results)
TIN (Lab) – Total Inorganic Nitrogen (Laboratory results)
TSS – Total Suspended Solids
- Wet Season: April to October; Dry Season: November to March

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

MaterialLab

Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20170905 /IM/SR2
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	05/09/2017
Time: (hh:mm)	Mid-Flood: 15:48 Mid-Ebb: 13:02
Monitoring Location:	SR2 – Casam, Gazetted Beach
Action Level / Limit Level:	DO (S&M): 4.68/4.62 mg/L; NH3-N: 0.21/0.24 mg/L ; DO (B): 4.11/4.04 mg/L; Turbidity: 10.8/15.0 NTU; ____ : ____ / ____ mg/L ____ : ____ / ____ mg/L

Measured Level of exceeded parameters: (tick / fill in / circle as appropriate)	Mid-Flood:		Mid-Ebb:	
	DO (S&M): ____ AL / LL	DO (B): ____ AL / LL	DO (S&M): ____ AL / LL	DO (B): ____ AL / LL
	Turbidity: 12.4 (AL) / LL	NH3-N(in-situ): ____ AL / LL	Turbidity: 12.3 (AL) / LL	NH3-N(in-situ): ____ AL / LL
	NH3-N(Lab): ____ AL / LL	____ : ____ AL / LL	NH3-N(Lab): ____ AL / LL	____ : ____ AL / LL

Action taken / to be taken: (tick / fill in as appropriate)

Inspection:
- ☐ Silt curtain in proper condition
- ☐ Dredging rate within accepted rate
- ☑ Monitoring equipment is checked and confirmed without problem.
- ☐ Others: _____

Possible reason for Action or Limit Level Non-compliance: (tick / fill in as appropriate)

	DO(S&M)	DO(B)	Turbidity	NH3-N	
	Findings / Evidences				
☑ Station at Upstream Location at ME			✓		
☐ Upstream Control Station (or gradient station) exceeded AL/LL					
☐ No increasing / decreasing (for DO) trend across the Project at MF	Upstream: ____ ( )mg/L Downstream: ( )mg/L	Upstream: ____ ( )mg/L Downstream: ( )mg/L	Upstream: ____ ( )NTU Downstream: ( )NTU	Upstream: ____ ( )mg/L Downstream: ( )mg/L	
☑ No Dredging Works carried out.					
Conclusion					
☑ Due to change or/and influence of ambient condition in the vicinity, i.e. not Project related.			✓		

Remarks: (tick / fill in as appropriate)

Repeat in-situ measurement was done.

Mid-Flood:	DO (S&M): ____	DO (B): ____	Turbidity: 12.4
	NH3-N: ____	____ : ____	____ : ____
Mid-Ebb:	DO (S&M): ____	DO (B): ____	Turbidity: 12.3
	NH3-N: ____	____ : ____	____ : ____

☐ _____

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

	DO(S&M)	DO(B)	Turbidity	NH3-N	
Others					

Prepared by: Wingo So

Signature: _____

Date (dd/mm/yyyy): 04/10/2017

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature: _____

Date (dd/mm/yy): 04/10/17

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
DO (S&M) – Dissolved Oxygen (Surface & Middle)
LL – Limit Level
ME – Mid Ebb
MF – Mid Flood
NH3-N (In-situ) – Ammoniacal Nitrogen (In-situ results)
NH3-N (Lab) – Ammoniacal Nitrogen (Laboratory results)
TIN (In-situ) – Total Inorganic Nitrogen (In-situ results)
TIN (Lab) – Total Inorganic Nitrogen (Laboratory results)
TSS – Total Suspended Solids
- Wet Season: April to October; Dry Season: November to March

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20170905 /IM/SR3
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	05/09/2017
Time: (hh:mm)	Mid-Flood: 16:13 Mid-Ebb: 12:28
Monitoring Location:	SR3 –Approach, Gazetted Beach
Action Level / Limit Level:	DO (S&M): 4.68/4.62 mg/L; NH3-N: 0.21/0.24 mg/L ; DO (B): 4.11/4.04 mg/L; Turbidity: 10.8/15.0 NTU; _____ : _____ / _____ mg/L _____ : _____ / _____ mg/L

Measured Level of exceeded parameters (tick / fill in / circle as appropriate)	Mid-Flood:				Mid-Ebb:			
	DO (S&M):	____ AL / LL	DO (B):	____ AL / LL	DO (S&M):	____ AL / LL	DO (B):	____ AL / LL
	Turbidity:	11.9 (AL) / LL	NH3-N(in-situ):	____ AL / LL	Turbidity:	11.8 (AL) / LL	NH3-N(in-situ):	____ AL / LL
	NH3-N(Lab):	____ AL / LL	____ :	____ AL / LL	NH3-N(Lab):	____ AL / LL	____ :	____ AL / LL

Action taken / to be taken: (tick / fill in as appropriate)

Inspection:
- ☐ Silt curtain in proper condition
- ☐ Dredging rate within accepted rate
- ☑ Monitoring equipment is checked and confirmed without problem.
- ☐ Others: _____

Possible reason for Action or Limit Level Non-compliance: (tick / fill in as appropriate)

	DO(S&M)	DO(B)	Turbidity	NH3-N (In-situ)	NH-3-N (Lab)
☑ Station at Upstream Location at ME			✓		
☐ Upstream Control Station (or gradient station) exceeded AL/LL					
☐ No increasing / decreasing (for DO) trend across the Project at MF	Upstream: ____ ( )mg/L Downstream: ____ ( )mg/L	Upstream: ____ ( )mg/L Downstream: ____ ( )mg/L	Upstream: ____ ( )NTU Downstream: ____ ( )NTU	Upstream: ____ ( )mg/L Downstream: ____ ( )mg/L	
☑ No Dredging Works carried out.					
Conclusion ☑ Due to change or/and influence of ambient condition in the vicinity, i.e. not Project related.			✓		

Remarks: (tick / fill in as appropriate)

Repeat in-situ measurement was done.

Mid-Flood:	DO (S&M):	____	DO (B):	____	Turbidity:	11.9
	NH3-N:	____		____		____
Mid-Ebb:	DO (S&M):	____	DO (B):	____	Turbidity:	11.8
	NH3-N:	____		____		____

☐ _____

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

	DO(S&M)	DO(B)	Turbidity	NH3-N	
Others					

Prepared by: Wingo So

Signature: _____

Date (dd/mm/yyyy): 04/10/2017

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature: _____

Date (dd/mm/yy): 04/10/2017

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
DO (S&M) – Dissolved Oxygen (Surface & Middle)
LL – Limit Level
ME – Mid Ebb
MF – Mid Flood
NH3-N (In-situ) – Ammoniacal Nitrogen (In-situ results)
NH3-N (Lab) – Ammoniacal Nitrogen (Laboratory results)
TIN (In-situ) – Total Inorganic Nitrogen (In-situ results)
TIN (Lab) – Total Inorganic Nitrogen (Laboratory results)
TSS – Total Suspended Solids
- Wet Season: April to October; Dry Season: November to March

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20170905 /IM/SR4
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	05/09/2017
Time: (hh:mm)	Mid-Flood: 16:28 Mid-Ebb: 12:11
Monitoring Location:	SR4 – Tsuen Wan, WSD Flushing Water Intake
Action Level / Limit Level:	DO (S&M): 2/2 mg/L; NH3-N: <1/<1 mg/L ; DO (B): 2/2 mg/L; Turbidity: <10/<10 NTU; Total Suspended Solids : <10/<10 mg/L E.coli : <20,000 / <20,000 mg/L

Measured Level of exceeded parameters: (tick / fill in / circle as appropriate)	Mid-Food:				Mid-Ebb:			
	DO (S&M):	AL / LL	DO (B):	AL / LL	DO (S&M):	AL / LL	DO (B):	AL / LL
	Turbidity:	12.1 AL / (LL)	NH3-N(In-situ):	AL / LL	Turbidity:	10.8 AL / (LL)	NH3-N(In-situ):	AL / LL
	E.coli :	AL / LL	TSS :	AL / LL	E.coli :	AL / LL	TSS :	AL / LL

Action taken / to be taken: (tick / fill in as appropriate)

Inspection:
- ☐ Silt curtain in proper condition
- ☐ Dredging rate within accepted rate
- ☑ Monitoring equipment is checked and confirmed without problem.
- ☐ Others: _____

Possible reason for Action or Limit Level Non-compliance: (tick / fill in as appropriate)

	DO(S&M)	DO(B)	Turbidity	TSS	E.coli
	Findings / Evidences				
☑ Station at Upstream Location at ME			✓		
☐ Upstream Control Station ( ) exceeded AL/LL					
☐ No increasing / ~~decreasing (for DO)~~ trend across the Project at MF	Upstream: ( )mg/L Downstream: ( )mg/L	Upstream: ( )mg/L Downstream: ( )mg/L	Upstream: ( )NTU Downstream: ( )NTU	Upstream: ( )mg/L Downstream: ( )mg/L	
☑ No Dredging Works carried out.					

Conclusion

☑ Due to change or/and influence of ambient condition in the vicinity, i.e. not Project related. ✓

Remarks: (tick / fill in as appropriate)

Repeat In-situ measurement was done.

Mid-Flood:	DO (S&M):		DO (B):		Turbidity:	12.1	
	NH3-N:						
Mid-Ebb:	DO (S&M):		DO (B):		Turbidity:	10.8	
	NH3-N:						

☐ _____

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

	DO(S&M)	DO(B)	Turbidity	NH3-N	
Others					

Prepared by: Wingo So

Signature: _____

Date (dd/mm/yyyy): 04/10/2017

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature: _____

Date (dd/mm/yy): 04/10/2017

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
DO (S&M) – Dissolved Oxygen (Surface & Middle)
LL – Limit Level
ME – Mid Ebb
MF – Mid Flood
NH3-N (In-situ) – Ammoniacal Nitrogen (In-situ results)
NH3-N (Lab) – Ammoniacal Nitrogen (Laboratory results)
TIN (In-situ) – Total Inorganic Nitrogen (In-situ results)
TIN (Lab) – Total Inorganic Nitrogen (Laboratory results)
TSS – Total Suspended Solids
- Wet Season: April to October; Dry Season: November to March

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with **prior** written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20170905 /IM/SR5
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	05/09/2017
Time: (hh:mm)	Mid-Flood: 15:34 Mid-Ebb: 13:19
Monitoring Location:	SR5 – Ma Wan FCZ
Action Level / Limit Level:	DO (S&M): 5/5 mg/L; Turbidity: 10.8/15.0 NTU; DO (B): 4.11/4.04 mg/L; TIN 0.45/0.50(wet season) or 0.36/0.39(dry season)mg/L TSS : 12 / 19 mg/L : / mg/L

Measured Level of exceeded parameters: (tick / fill in / circle as appropriate)

Mid-Flood:				Mid-Ebb:			
DO (S&M):	AL / LL	DO (B):	AL / LL	DO (S&M):	AL / LL	DO (B):	AL / LL
Turbidity:	12.5 (AL) / LL	TIN(in-situ):	1.07 AL / (LL)	Turbidity:	12.3 (AL) / LL	TIN(In-situ):	1.07 AL / (LL)
TIN(Lab):	1.07 AL / (LL)	TSS :	AL / LL	TIN(Lab):	1.07 AL / (LL)	TSS :	AL / LL

Action taken / to be taken: (tick / fill in as appropriate)

Inspection:
- ☐ Silt curtain in proper condition
- ☐ Dredging rate within accepted rate
- ☑ Monitoring equipment is checked and confirmed without problem.
- ☐ Others: _____

Possible reason for Action or Limit Level Non-compliance: (tick / fill in as appropriate)

	DO(S&M)	DO(B)	Turbidity	TIN (In-situ)	TIN (Lab)
	Findings / Evidences				
☑ Station at Upstream Location at ME			✓	✓	✓
☑ Upstream Control Station (or gradient station) exceeded AL/LL				MF:0.76mg/L(C2A)	MF:0.77mg/L(C2A)
☐ No increasing / ~~decreasing (for DO)~~ trend across the Project at MF	Upstream: ( )mg/L Downstream: ( )mg/L	Upstream: ( )mg/L Downstream: ( )mg/L	Upstream: ( )NTU Downstream: ( )NTU	Upstream: ( )mg/L Downstream: ( )mg/L	
☑ No Dredging Works carried out.					

Conclusion

☑ Due to change or/and influence of ambient condition in the vicinity, i.e. not Project related.

✓ ✓ ✓

Remarks: (tick / fill in as appropriate)

Repeat In-situ measurement was done.

Mid-Flood:	DO (S&M):		DO (B):		Turbidity:	12.5
	TIN:	1.07				
Mid-Ebb:	DO (S&M):		DO (B):		Turbidity:	12.3
	TIN:	1.07				

☐ _____

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

	DO(S&M)	DO(B)	Turbidity	TIN (In-situ)	TIN (Lab)
Others					

Prepared by: Wingo So

Signature:

Date (dd/mm/yyyy): 04/10/2017

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature:

Date (dd/mm/yy): 04/10/2017

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
DO (S&M) – Dissolved Oxygen (Surface & Middle)
LL – Limit Level
ME – Mid Ebb
MF – Mid Flood
NH3-N (In-situ) – Ammoniacal Nitrogen (In-situ results)
NH3-N (Lab) – Ammoniacal Nitrogen (Laboratory results)
TIN (In-situ) – Total Inorganic Nitrogen (In-situ results)
TIN (Lab) – Total Inorganic Nitrogen (Laboratory results)
TSS – Total Suspended Solids
- Wet Season: April to October; Dry Season: November to March

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20170905 /IM/SR12
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	05/09/2017
Time: (hh:mm)	Mid-Flood: 16:46 Mid-Ebb: 11:53
Monitoring Location:	SR12 – Tsing Yi, WSD Flushing Water Intake
Action Level / Limit Level:	DO (S&M): 2/2 mg/L; NH3-N: <1/<1 mg/L ; DO (B): 2/2 mg/L; Turbidity: <10/<10 NTU; Total Suspended Solids : <10/<10 mg/L ____: ____/____mg/L

Measured Level of exceeded parameters: (tick / fill in / circle as appropriate)	Mid-Food:		Mid-Ebb:	
	DO (S&M): ____AL / LL	DO (B): ____AL / LL	DO (S&M): ____AL / LL	DO (B): ____AL / LL
	Turbidity: 12.7 AL / (LL)	NH3-N(In-situ): ____AL / LL	Turbidity: 14.3 AL / (LL)	NH3-N(In-situ): ____AL / LL
	NH3-N(Lab): ____AL / LL	TSS : 11 AL / (LL)	NH3-N(Lab): ____AL / LL	TSS : 11 AL / (LL)

Action taken / to be taken: (tick / fill in as appropriate)

Inspection:
- ☐ Silt curtain in proper condition
- ☐ Dredging rate within accepted rate
- ☑ Monitoring equipment is checked and confirmed without problem.
- ☐ Others: ____

Possible reason for Action or Limit Level Non-compliance: (tick / fill in as appropriate)

	DO(S&M)	DO(B)	Turbidity	NH3-N	TSS
	Findings / Evidences				
☑ Station at Upstream Location at ME			✓		✓
☐ Upstream Control Station (or gradient station) exceeded AL/LL					
☐ No increasing / ~~decreasing (for DO)~~ trend across the Project at MF	Upstream: ____( )mg/L Downstream: ____( )mg/L	Upstream: ____( )mg/L Downstream: ____( )mg/L	Upstream: ____( )NTU Downstream: ____( )NTU	Upstream: ____( )mg/L Downstream: ____( )mg/L	
☑ No Dredging Works carried out.					

Conclusion

☑ Due to change or/and influence of ambient condition in the vicinity, i.e. not Project related. ✓ ✓

Remarks: (tick / fill in as appropriate)

Repeat In-situ measurement was done.

Mid-Flood:	DO (S&M): ____	DO (B): ____ : ____	Turbidity: ____ :	12.7
	NH3-N: ____			
Mid-Ebb:	DO (S&M): ____	DO (B): ____ : ____	Turbidity: ____ :	14.3
	NH3-N: ____			

☐ ____

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

	DO(S&M)	DO(B)	Turbidity	NH3-N	
Others					

Prepared by: Wingo So

Signature:

Date (dd/mm/yyyy): 04/10/2017

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature:

Date (dd/mm/yy): 04/10/2017

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
DO (S&M) – Dissolved Oxygen (Surface & Middle)
LL – Limit Level
ME – Mid Ebb
MF – Mid Flood
NH3-N (In-situ) – Ammoniacal Nitrogen (In-situ results)
NH3-N (Lab) – Ammoniacal Nitrogen (Laboratory results)
TIN (In-situ) – Total Inorganic Nitrogen (In-situ results)
TIN (Lab) – Total Inorganic Nitrogen (Laboratory results)
TSS – Total Suspended Solids
- Wet Season: April to October; Dry Season: November to March

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mct@fugro.com.hk

MaterialLab

Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20170907 /IM/SR3
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	07/09/2017
Time: (hh:mm)	Mid-Flood: 08:06 Mid-Ebb: 11:10
Monitoring Location:	SR3 –Approach, Gazetted Beach
Action Level / Limit Level:	DO (S&M): 4.68/4.62 mg/L; NH3-N: 0.21/0.24 mg/L ; DO (B): 4.11/4.04 mg/L; Turbidity: 10.8/15.0 NTU; _____ : _____ / _____ mg/L _____ : _____ / _____ mg/L

Measured Level of exceeded parameters (tick / fill in / circle as appropriate)	Mid-Flood:				Mid-Ebb:			
	DO (S&M): _____AL / LL	DO (B): _____AL / LL			DO (S&M): _____AL / LL	DO (B): _____AL / LL		
	Turbidity: _____AL / LL	NH3-N(In-situ): _____AL / LL			Turbidity: _____AL / LL	NH3-N(In-situ): _____AL / LL		
	NH3-N(Lab): _____AL / LL	TSS : 16 (AL) / LL			NH3-N(Lab): _____AL / LL	TSS : _____AL / LL		

Action taken / to be taken: (tick / fill in as appropriate)

Inspection:
- ☑ Silt curtain in proper condition
- ☑ Dredging rate within accepted rate
- ☑ Monitoring equipment is checked and confirmed without problem.
- ☐ Others: _____

Possible reason for Action or Limit Level Non-compliance: (tick / fill in as appropriate)

	DO(S&M)	DO(B)	Turbidity	TSS	NH-3-N (Lab)
☐ Station at Upstream Location at ME					
☐ Upstream Control Station (or gradient station) exceeded AL/LL					
☑ No Increasing / ~~decreasing (for DO)~~ trend across the Project at MF	Upstream: ____ ( )mg/L Downstream: ____ ( )mg/L	Upstream: ____ ( )mg/L Downstream: ____ ( )mg/L	Upstream: ____ ( )NTU Downstream: ____ ( )NTU	Upstream: 6 mg/L (C2A) Downstream: 6 mg/L (C1A)	
☐ No Dredging Works carried out.					

Conclusion

☑ Due to change or/and influence of ambient condition in the vicinity, i.e. not Project related.

✓

Remarks: (tick / fill in as appropriate)

Repeat In-situ measurement was done.

Mid-Flood: DO (S&M): _____ DO (B): _____ Turbidity: _____
NH3-N: _____ _____ : _____ _____ : _____

Mid-Ebb: DO (S&M): _____ DO (B): _____ Turbidity: _____
NH3-N: _____ _____ : _____ _____ : _____

☐ _____

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

	DO(S&M)	DO(B)	Turbidity	NH3-N	
Others					

Prepared by: Wingo So

Signature: Wingo

Date (dd/mm/yyyy): 04/10/2017

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature: CY

Date (dd/mm/yy): 04/10/2017

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
DO (S&M) – Dissolved Oxygen (Surface & Middle)
LL – Limit Level
ME – Mid Ebb
MF – Mid Flood
NH3-N (In-situ) – Ammoniacal Nitrogen (In-situ results)
NH3-N (Lab) – Ammoniacal Nitrogen (Laboratory results)
TIN (In-situ) – Total Inorganic Nitrogen (In-situ results)
TIN (Lab) – Total Inorganic Nitrogen (Laboratory results)
TSS – Total Suspended Solids
- Wet Season: April to October; Dry Season: November to March

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

MaterialLab

Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20170907 /IM/SR4
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	07/09/2017
Time: (hh:mm)	Mid-Flood: 07:40 Mid-Ebb: 11:25
Monitoring Location:	SR4 – Tsuen Wan, WSD Flushing Water Intake
Action Level / Limit Level:	DO (S&M): 2/2 mg/L; NH3-N: <1/<1 mg/L ; DO (B): 2/2 mg/L; Turbidity: <10/<10 NTU; Total Suspended Solids : <10/<10 mg/L E.coli : <20,000 / <20,000 mg/L

Measured Level of exceeded parameters: (tick / fill in / circle as appropriate)	Mid-Food:				Mid-Ebb:			
	DO (S&M):	AL / LL	DO (B):	AL / LL	DO (S&M):	AL / LL	DO (B):	AL / LL
	Turbidity:	AL / LL	NH3-N(In-situ):	AL / LL	Turbidity:	AL / LL	NH3-N(In-situ):	AL / LL
	E.coli :	AL / LL	TSS :	11 AL / (LL)	E.coli :	AL / LL	TSS :	AL / LL

Action taken / to be taken: (tick / fill in as appropriate)

Inspection:
- ☑ Silt curtain in proper condition
- ☑ Dredging rate within accepted rate
- ☑ Monitoring equipment is checked and confirmed without problem.
- ☐ Others: _____

Possible reason for Action or Limit Level Non-compliance: (tick / fill in as appropriate)

	DO(S&M)	DO(B)	Turbidity	TSS	E.coli
	Findings / Evidences				
☐ Station at Upstream Location at ME					
☐ Upstream Control Station ( ) exceeded AL/LL					
☑ No increasing / ~~decreasing (for DO)~~ trend across the Project at MF	Upstream: ( )mg/L Downstream: ( )mg/L	Upstream: ( )mg/L Downstream: ( )mg/L	Upstream: ( )NTU Downstream: ( )NTU	Upstream: 6 mg/L (C2A) Downstream: 6 mg/L (C1A)	
☐ No Dredging Works carried out.					

Conclusion

☑ Due to change or/and influence of ambient condition in the vicinity, i.e. not Project related.

✓

Remarks: (tick / fill in as appropriate)

Repeat in-situ measurement was done.

Mid-Flood: DO (S&M): _____ DO (B): _____ Turbidity: _____
NH3-N: _____ : _____ : _____

Mid-Ebb: DO (S&M): _____ DO (B): _____ Turbidity: _____
NH3-N: _____ : _____ : _____

☐ _____

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

	DO(S&M)	DO(B)	Turbidity	NH3-N	
Others					

Prepared by: Wingo So

Signature: _____

Date (dd/mm/yyyy): 04/10/2017

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature: _____

Date (dd/mm/yy): 04/10/2017

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
DO (S&M) – Dissolved Oxygen (Surface & Middle)
LL – Limit Level
ME – Mid Ebb
MF – Mid Flood
NH3-N (In-situ) – Ammoniacal Nitrogen (In-situ results)
NH3-N (Lab) – Ammoniacal Nitrogen (Laboratory results)
TIN (In-situ) – Total Inorganic Nitrogen (In-situ results)
TIN (Lab) – Total Inorganic Nitrogen (Laboratory results)
TSS – Total Suspended Solids
- Wet Season: April to October; Dry Season: November to March

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

MaterialLab

Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20170907 /IM/SR5
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	07/09/2017
Time: (hh:mm)	Mid-Flood: 09:18 Mid-Ebb: 10:05
Monitoring Location:	SR5 – Ma Wan FCZ
Action Level / Limit Level:	DO (S&M): 5/5 mg/L; Turbidity: 10.8/15.0 NTU; DO (B): 4.11/4.04 mg/L; TIN 0.45/0.50(wet season) or 0.36/0.39(dry season)mg/L TSS : 12 / 19 mg/L : / mg/L
Measured Level of exceeded parameters: (tick / fill in / circle as appropriate)	Mid-Flood: DO (S&M): ____AL / LL; DO (B): ____AL / LL Turbidity: ____AL / LL; TIN(In-situ): 0.99 AL / (LL) TIN(Lab): 0.99 AL / (LL); TSS : ____AL / LL Mid-Ebb: DO (S&M): ____AL / LL; DO (B): ____AL / LL Turbidity: ____AL / LL; TIN(In-situ): 0.98 AL / (LL) TIN(Lab): 0.98 AL / (LL); TSS : ____AL / LL
Action taken / to be taken: (tick / fill in as appropriate)	Inspection: ☑ Silt curtain in proper condition ☑ Dredging rate within accepted rate ☑ Monitoring equipment is checked and confirmed without problem. ☐ Others: _____

Possible reason for Action or Limit Level Non-compliance: (tick / fill in as appropriate)	DO(S&M)	DO(B)	Turbidity	TIN (In-situ)	TIN (Lab)
	Findings / Evidences				
☑ Station at Upstream Location at ME				✓	✓
☑ Upstream Control Station (or gradient station) exceeded AL/LL				MF:0.78mg/L(C2A)	MF:0.77mg/L(C2A)
☐ No increasing / ~~decreasing (for DO)~~ trend across the Project at MF	Upstream: ____( )mg/L Downstream: ( )mg/L	Upstream: ____( )mg/L Downstream: ( )mg/L	Upstream: ____( )NTU Downstream: ( )NTU	Upstream: ____( )mg/L Downstream: ____( )mg/L	
☐ No Dredging Works carried out.					
Conclusion: ☑ Due to change or/and influence of ambient condition in the vicinity, i.e. not Project related.				✓	✓

Remarks: (tick / fill in as appropriate)

Repeat in-situ measurement was done.

Mid-Flood: DO (S&M): ____ TIN: 0.99 DO (B): ____ : ____ Turbidity: ____ : ____

Mid-Ebb: DO (S&M): ____ TIN: 0.98 DO (B): ____ : ____ Turbidity: ____ : ____

☐ _____

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

	DO(S&M)	DO(B)	Turbidity	TIN (In-situ)	TIN (Lab)
Others					

Prepared by: Wingo So

Signature:

Date (dd/mm/yyyy): 04/10/2017

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature:

Date (dd/mm/yy): 04/10/2017

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
DO (S&M) – Dissolved Oxygen (Surface & Middle)
LL – Limit Level
ME – Mid Ebb
MF – Mid Flood
NH3-N (In-situ) – Ammoniacal Nitrogen (In-situ results)
NH3-N (Lab) – Ammoniacal Nitrogen (Laboratory results)
TIN (In-situ) – Total Inorganic Nitrogen (In-situ results)
TIN (Lab) – Total Inorganic Nitrogen (Laboratory results)
TSS – Total Suspended Solids
- Wet Season: April to October; Dry Season: November to March

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

MaterialLab

Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20170907 /IM/SR12
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	07/09/2017
Time: (hh:mm)	Mid-Flood: 07:18 Mid-Ebb: 11:49
Monitoring Location:	SR12 – Tsing Yi, WSD Flushing Water Intake
Action Level / Limit Level:	DO (S&M): 2/2 mg/L; NH3-N: <1/<1 mg/L ; DO (B): 2/2 mg/L; Turbidity: <10/<10 NTU; Total Suspended Solids : <10/<10 mg/L _____ : _____/_____mg/L

Measured Level of exceeded parameters: (tick / fill in / circle as appropriate)	Mid-Food:				Mid-Ebb:			
	DO (S&M):	_____AL / LL	DO (B):	_____AL / LL	DO (S&M):	_____AL / LL	DO (B):	_____AL / LL
	Turbidity:	_____AL / LL	NH3-N(In-situ):	_____AL / LL	Turbidity:	_____AL / LL	NH3-N(In-situ):	_____AL / LL
	NH3-N(Lab):	_____AL / LL	TSS :	11 AL / (LL)	NH3-N(Lab):	_____AL / LL	TSS :	_____AL / LL

Action taken / to be taken: (tick / fill in as appropriate)

Inspection:
- ☑ Silt curtain in proper condition
- ☑ Dredging rate within accepted rate
- ☑ Monitoring equipment is checked and confirmed without problem.
- ☐ Others: _____

Possible reason for Action or Limit Level Non-compliance: (tick / fill in as appropriate)

	DO(S&M)	DO(B)	Turbidity	NH3-N	TSS
	Findings / Evidences				
☐ Station at Upstream Location at ME					
☐ Upstream Control Station (or gradient station) exceeded AL/LL					
☑ No increasing / ~~decreasing (for DO)~~ trend across the Project at MF	Upstream: _____( )mg/L Downstream: _____( )mg/L	Upstream: _____( )mg/L Downstream: _____( )mg/L	Upstream: _____( )NTU Downstream: _____( )NTU	Upstream: _____( )mg/L Downstream: _____( )mg/L	Upstream: 6 mg/L (C2A) Downstream: 6 mg/L (C1A)
☐ No Dredging Works carried out.					

Conclusion

☑ Due to change or/and influence of ambient condition in the vicinity, i.e. not Project related. ✓

Remarks: (tick / fill in as appropriate)

Repeat In-situ measurement was done.

Mid-Flood: DO (S&M): _____ DO (B): _____ Turbidity: _____
NH3-N: _____ _____ : _____ _____ : _____

Mid-Ebb: DO (S&M): _____ DO (B): _____ Turbidity: _____
NH3-N: _____ _____ : _____ _____ : _____

☐ _____

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

	DO(S&M)	DO(B)	Turbidity	NH3-N	
Others					

Prepared by: Wingo So

Signature:

Date (dd/mm/yyyy): 04/10/2017

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature:

Date (dd/mm/yy): 04/10/17

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
DO (S&M) – Dissolved Oxygen (Surface & Middle)
LL – Limit Level
ME – Mid Ebb
MF – Mid Flood
NH3-N (In-situ) – Ammoniacal Nitrogen (In-situ results)
NH3-N (Lab) – Ammoniacal Nitrogen (Laboratory results)
TIN (In-situ) – Total Inorganic Nitrogen (In-situ results)
TIN (Lab) – Total Inorganic Nitrogen (Laboratory results)
TSS – Total Suspended Solids
- Wet Season: April to October; Dry Season: November to March

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

MaterialLab

Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20170909 /IM/SR5
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	09/09/2017
Time: (hh:mm)	Mid-Flood: 10:11 Mid-Ebb: 11:45
Monitoring Location:	SR5 – Ma Wan FCZ
Action Level / Limit Level:	DO (S&M): 5/5 mg/L; Turbidity: 10.8/15.0 NTU; DO (B): 4.11/4.04 mg/L; TIN 0.45/0.50(wet season) or 0.36/0.39(dry season)mg/L TSS : 12 / 19 mg/L : / mg/L

Measured Level of exceeded parameters: (tick / fill in / circle as appropriate)								
Mid-Flood:					Mid-Ebb:			
DO (S&M):	4.60 AL / (LL)	DO (B):	AL / LL		DO (S&M):	4.55 AL / (LL)	DO (B):	AL / LL
Turbidity:	AL / LL	TIN(In-situ):	0.97 AL / (LL)		Turbidity:	AL / LL	TIN(In-situ):	0.95 AL / (LL)
TIN(Lab):	0.96 AL / (LL)	:	AL / LL		TIN(Lab):	0.94 AL / (LL)	TSS :	AL / LL

Action taken / to be taken: (tick / fill in as appropriate)

Inspection:
- ☐ Silt curtain in proper condition
- ☐ Dredging rate within accepted rate
- ☑ Monitoring equipment is checked and confirmed without problem.
- ☐ Others: _____

Possible reason for Action or Limit Level Non-compliance: (tick / fill in as appropriate)

	DO(S&M)	DO(B)	TSS	TIN (In-situ)	TIN (Lab)
	Findings / Evidences				
☑ Station at Upstream Location at ME	✓			✓	✓
☑ Upstream Control Station (or gradient station) exceeded AL/LL	MF:4.44mg/L(C2A)			MF:0.72mg/L(C2A)	MF:0.72mg/L(C2A)
☐ No increasing / ~~decreasing (for DO)~~ trend across the Project at MF	Upstream: ( )mg/L Downstream: ( )mg/L	Upstream: ( )mg/L Downstream: ( )mg/L	Upstream: ( )NTU Downstream: ( )NTU	Upstream: ( )mg/L Downstream: ( )mg/L	
☑ No Dredging Works carried out.					

Conclusion

☑ Due to change or/and influence of ambient condition in the vicinity, i.e. not Project related. ✓ ✓ ✓

Remarks: (tick / fill in as appropriate)

Repeat in-situ measurement was done.

Mid-Flood: DO (S&M): 4.60 DO (B): _____ Turbidity: _____
TIN: 0.97 : _____ : _____

Mid-Ebb: DO (S&M): 4.55 DO (B): _____ Turbidity: _____
TIN: 0.95 : _____ : _____

☐ _____

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

	DO(S&M)	DO(B)	Turbidity	TIN (In-situ)	TIN (Lab)
Others					

Prepared by: Wingo So

Signature: _____

Date (dd/mm/yyyy): 04/10/2017

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature: _____

Date (dd/mm/yy): 04/10/2017

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
DO (S&M) – Dissolved Oxygen (Surface & Middle)
LL – Limit Level
ME – Mid Ebb
MF – Mid Flood
NH3-N (In-situ) – Ammoniacal Nitrogen (In-situ results)
NH3-N (Lab) – Ammoniacal Nitrogen (Laboratory results)
TIN (In-situ) – Total Inorganic Nitrogen (In-situ results)
TIN (Lab) – Total Inorganic Nitrogen (Laboratory results)
TSS – Total Suspended Solids
- Wet Season: April to October; Dry Season: November to March

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

MaterialLab

Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20170912 /IM/SR5
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	09/09/2017
Time: (hh:mm)	Mid-Flood: 12:55 Mid-Ebb: 14:45
Monitoring Location:	SR5 – Ma Wan FCZ
Action Level / Limit Level:	DO (S&M): 5/5 mg/L; Turbidity: 10.8/15.0 NTU; DO (B): 4.11/4.04 mg/L; TIN 0.45/0.50(wet season) or 0.36/0.39(dry season)mg/L TSS ; 12 / 19 mg/L ; / mg/L

Measured Level of exceeded parameters: (tick / fill in / circle as appropriate)								
Mid-Flood:								
DO (S&M):	4.50 AL / (LL)	DO (B):	AL / LL					
Turbidity:	AL / LL	TIN(In-situ):	1.10 AL / (LL)					
TIN(Lab):	1.09 AL / (LL)	:	AL / LL					
Mid-Ebb:								
DO (S&M):	4.40 AL / (LL)	DO (B):	AL / LL					
Turbidity:	AL / LL	TIN(In-situ):	1.10 AL / (LL)					
TIN(Lab):	1.10 AL / (LL)	TSS :	AL / LL					

Action taken / to be taken: (tick / fill in as appropriate)

Inspection:
- ☐ Silt curtain in proper condition
- ☐ Dredging rate within accepted rate
- ☑ Monitoring equipment is checked and confirmed without problem.
- ☐ Others: _____

Possible reason for Action or Limit Level Non-compliance: (tick / fill in as appropriate)

	DO(S&M)	DO(B)	TSS	TIN (In-situ)	TIN (Lab)
	Findings / Evidences				
☑ Station at Upstream Location at ME	✓			✓	✓
☑ Upstream Control Station (or gradient station) exceeded AL/LL	MF:4.51mg/L(C2A)			MF:0.80mg/L(C2A)	MF:0.81mg/L(C2A)
☐ No increasing / ~~decreasing (for DO)~~ trend across the Project at MF	Upstream: ( )mg/L Downstream: ( )mg/L	Upstream: ( )mg/L Downstream: ( )mg/L	Upstream: ( )NTU Downstream: ( )NTU	Upstream: ( )mg/L Downstream: ( )mg/L	
☑ No Dredging Works carried out.					

Conclusion

☑ Due to change or/and influence of ambient condition in the vicinity, i.e. not Project related. ✓ ✓ ✓

Remarks: (tick / fill in as appropriate)

Repeat In-situ measurement was done.

Mid-Flood: DO (S&M): 4.50 DO (B): _____ Turbidity: _____
TIN: 1.10 _____ _____

Mid-Ebb: DO (S&M): 4.40 DO (B): _____ Turbidity: _____
TIN: 1.10 _____ _____

☐ _____

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

	DO(S&M)	DO(B)	Turbidity	TIN (In-situ)	TIN (Lab)
Others					

Prepared by: Wingo So

Signature:

Date (dd/mm/yyyy): 04/10/2017

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature:

Date (dd/mm/yy): 04/10/2017

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
DO (S&M) – Dissolved Oxygen (Surface & Middle)
LL – Limit Level
ME – Mid Ebb
MF – Mid Flood
NH3-N (In-situ) – Ammoniacal Nitrogen (In-situ results)
NH3-N (Lab) – Ammoniacal Nitrogen (Laboratory results)
TIN (In-situ) – Total Inorganic Nitrogen (In-situ results)
TIN (Lab) – Total Inorganic Nitrogen (Laboratory results)
TSS – Total Suspended Solids
- Wet Season: April to October; Dry Season: November to March

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

MaterialLab

Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20170914 /IM/SR5
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	14/09/2017
Time: (hh:mm)	Mid-Flood: 10:48 Mid-Ebb: 09:23
Monitoring Location:	SR5 – Ma Wan FCZ
Action Level / Limit Level:	DO (S&M): 5/5 mg/L; Turbidity: 10.8/15.0 NTU; DO (B): 4.11/4.04 mg/L; TIN 0.45/0.50(wet season) or 0.36/0.39(dry season)mg/L TSS : 12 / 19 mg/L : / mg/L

Measured Level of exceeded parameters: (tick / fill in / circle as appropriate)	Mid-Flood:				Mid-Ebb:			
	DO (S&M):	AL / LL	DO (B):	AL / LL	DO (S&M):	AL / LL	DO (B):	AL / LL
	Turbidity:	AL / LL	TIN(In-situ):	1.06 AL / (LL)	Turbidity:	AL / LL	TIN(In-situ):	1.00 AL / (LL)
	TIN(Lab):	1.05 AL / (LL)	:	AL / LL	TIN(Lab):	0.99 AL / (LL)	TSS :	AL / LL

Action taken / to be taken: (tick / fill in as appropriate)

Inspection:
- ☐ Silt curtain in proper condition
- ☐ Dredging rate within accepted rate
- ☑ Monitoring equipment is checked and confirmed without problem.
- ☐ Others: _____

Possible reason for Action or Limit Level Non-compliance: (tick / fill in as appropriate)

	DO(S&M)	DO(B)	TSS	TIN (In-situ)	TIN (Lab)
	Findings / Evidences				
☑ Station at Upstream Location at ME				✓	✓
☑ Upstream Control Station (or gradient station) exceeded AL/LL				MF:0.68mg/L(C2A)	MF:0.66mg/L(C2A)
☐ No increasing / ~~decreasing (for DO)~~ trend across the Project at MF	Upstream: ( )mg/L Downstream: ( )mg/L	Upstream: ( )mg/L Downstream: ( )mg/L	Upstream: ( )NTU Downstream: ( )NTU	Upstream: ( )mg/L Downstream: ( )mg/L	
☑ No Dredging Works carried out.					

Conclusion

☑ Due to change or/and influence of ambient condition in the vicinity, i.e. not Project related.				✓	✓

Remarks: (tick / fill in as appropriate)

Repeat In-situ measurement was done.

Mid-Flood:	DO (S&M):		DO (B):		Turbidity:		
	TIN:	1.06	:	:	:		
Mid-Ebb:	DO (S&M):		DO (B):		Turbidity:		
	TIN:	1.00	:	:	:		

☐ _____

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

	DO(S&M)	DO(B)	Turbidity	TIN (In-situ)	TIN (Lab)
Others					

Prepared by: Wingo So

Signature:

Date (dd/mm/yyyy): 04/10/2017

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature:

Date (dd/mm/yy): 04/10/2017

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
DO (S&M) – Dissolved Oxygen (Surface & Middle)
LL – Limit Level
ME – Mid Ebb
MF – Mid Flood
NH3-N (In-situ) – Ammoniacal Nitrogen (In-situ results)
NH3-N (Lab) – Ammoniacal Nitrogen (Laboratory results)
TIN (In-situ) – Total Inorganic Nitrogen (In-situ results)
TIN (Lab) – Total Inorganic Nitrogen (Laboratory results)
TSS – Total Suspended Solids
- Wet Season: April to October; Dry Season: November to March

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20170916 /IM/SR5
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	16/09/2017
Time: (hh:mm)	Mid-Flood: 13:04 Mid-Ebb: 11:58
Monitoring Location:	SR5 – Ma Wan FCZ
Action Level / Limit Level:	DO (S&M): 5/5 mg/L; Turbidity: 10.8/15.0 NTU; DO (B): 4.11/4.04 mg/L; TIN 0.45/0.50(wet season) or 0.36/0.39(dry season)mg/L TSS : 12 / 19 mg/L : / mg/L
Measured Level of exceeded parameters: (tick / fill in / circle as appropriate)	Mid-Flood: DO (S&M): ___ AL / LL; DO (B): ___ AL / LL Turbidity: ___ AL / LL; TIN(In-situ): 1.26 AL / (LL) TIN(Lab): 1.26 AL / (LL); ___ : ___ AL / LL Mid-Ebb: DO (S&M): ___ AL / LL; DO (B): ___ AL / LL Turbidity: ___ AL / LL; TIN(In-situ): 1.26 AL / (LL) TIN(Lab): 1.26 AL / (LL); TSS : ___ AL / LL
Action taken / to be taken: (tick / fill in as appropriate)	Inspection: ☐ Silt curtain in proper condition ☐ Dredging rate within accepted rate ☑ Monitoring equipment is checked and confirmed without problem. ☐ Others: ___

		DO(S&M)	DO(B)	TSS	TIN (In-situ)	TIN (Lab)
		Findings / Evidences				
Possible reason for Action or Limit Level Non-compliance: (tick / fill in as appropriate)	☑ Station at Upstream Location at ME				✓	✓
	☑ Upstream Control Station (or gradient station) exceeded AL/LL				MF:0.84mg/L(C2A)	MF:0.86mg/L(C2A)
	☐ No increasing / ~~decreasing (for DO)~~ trend across the Project at MF	Upstream: ___ ( )mg/L Downstream: ___ ( )mg/L	Upstream: ___ ( )mg/L Downstream: ___ ( )mg/L	Upstream: ___ ( )NTU Downstream: ___ ( )NTU	Upstream: ___ ( )mg/L Downstream: ___ ( )mg/L	
	☑ No Dredging Works carried out.					
Conclusion	☑ Due to change or/and influence of ambient condition in the vicinity, i.e. not Project related.				✓	✓

Remarks: (tick / fill in as appropriate)

Repeat In-situ measurement was done.

Mid-Flood:	DO (S&M): ___	TIN: 1.26	DO (B): ___ : ___		Turbidity: ___ : ___	
Mid-Ebb:	DO (S&M): ___	TIN: 1.26	DO (B): ___ : ___		Turbidity: ___ : ___	

☐ ___

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

	DO(S&M)	DO(B)	Turbidity	TIN (In-situ)	TIN (Lab)
Others					

Prepared by: Wingo So

Signature:

Date (dd/mm/yyyy): 04/10/2017

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature:

Date (dd/mm/yy): 04/10/2017

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
DO (S&M) – Dissolved Oxygen (Surface & Middle)
LL – Limit Level
ME – Mid Ebb
MF – Mid Flood
NH3-N (In-situ) – Ammoniacal Nitrogen (In-situ results)
NH3-N (Lab) – Ammoniacal Nitrogen (Laboratory results)
TIN (In-situ) – Total Inorganic Nitrogen (In-situ results)
TIN (Lab) – Total Inorganic Nitrogen (Laboratory results)
TSS – Total Suspended Solids
- Wet Season: April to October; Dry Season: November to March

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20170919 /IM/SR3					
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel					
Date:	19/09/2017					
Time: (hh:mm)	Mid-Flood: 16:02 Mid-Ebb: 13:10					
Monitoring Location:	SR3 –Approach, Gazetted Beach					
Action Level / Limit Level:	DO (S&M): 4.68/4.62 mg/L; DO (B): 4.11/4.04 mg/L; _____ : ____ / ____ mg/L			NH3-N: 0.21/0.24 mg/L ; Turbidity: 10.8/15.0 NTU; UIA : 0.021 / 0.021 mg/L		
Measured Level of exceeded parameters (tick / fill in / circle as appropriate)	Mid-Flood:			Mid-Ebb:		
	DO (S&M): ____AL / LL	DO (B): ____AL / LL		DO (S&M): ____AL / LL	DO (B): ____AL / LL	
	Turbidity: ____AL / LL	NH3-N(In-situ): ____AL / LL		Turbidity: ____AL / LL	NH3-N(In-situ): 0.55 AL / (LL)	
	NH3-N(Lab): ____AL / LL	____ : ____AL / LL		NH3-N(Lab): ____AL / LL	UIA (In-situ) : 0.022 AL / (LL)	
Action taken / to be taken: (tick / fill in as appropriate)	Inspection: ☐ Silt curtain in proper condition ☐ Dredging rate within accepted rate ☑ Monitoring equipment is checked and confirmed without problem. ☐ Others: _____					
Possible reason for Action or Limit Level Non-compliance: (tick / fill in as appropriate)		DO(S&M)	DO(B)	Turbidity	NH3-N (In-situ)	UIA
	☑ Station at Upstream Location at ME				✓	✓
	☐ Upstream Control Station (or gradient station) exceeded AL/LL					
	☐ No increasing / decreasing (for DO) trend across the Project at MF	Upstream: ____ ( )mg/L Downstream: ____ ( )mg/L	Upstream: ____ ( )mg/L Downstream: ____ ( )mg/L	Upstream: ____ ( )NTU Downstream: ____ ( )NTU	Upstream: ____ ( )mg/L Downstream: ____ ( )mg/L	
	☑ No Dredging Works carried out.					
Conclusion	☑ Due to change or/and influence of ambient condition in the vicinity, i.e. not Project related.				✓	✓
Remarks: (tick / fill in as appropriate)	Repeat In-situ measurement was done. Mid-Flood: DO (S&M): ____ DO (B): ____ Turbidity: ____ NH3-N: ____ ____ : ____ ____ : ____ Mid-Ebb: DO (S&M): ____ DO (B): ____ Turbidity: ____ NH3-N: 0.55 UIA : 0.022 ____ : ____ ☐ _____					

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

	DO(S&M)	DO(B)	Turbidity	NH3-N	
Others					

Prepared by: Wingo So

Signature: _____

Date (dd/mm/yyyy): 09/10/2017

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature: _____

Date (dd/mm/yy): 09/10/2017

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
DO (S&M) – Dissolved Oxygen (Surface & Middle)
LL – Limit Level
ME – Mid Ebb
MF – Mid Flood
NH3-N (In-situ) – Ammoniacal Nitrogen (In-situ results)
NH3-N (Lab) – Ammoniacal Nitrogen (Laboratory results)
TIN (In-situ) – Total Inorganic Nitrogen (In-situ results)
TIN (Lab) – Total Inorganic Nitrogen (Laboratory results)
TSS – Total Suspended Solids
- Wet Season: April to October; Dry Season: November to March

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20170919 /IM/SR4
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	19/09/2017
Time: (hh:mm)	Mid-Flood: 16:34 Mid-Ebb: 14:45
Monitoring Location:	SR4 – Tsuen Wan, WSD Flushing Water Intake
Action Level / Limit Level:	DO (S&M): 2/2 mg/L; NH3-N: <1/<1 mg/L ; DO (B): 2/2 mg/L; Turbidity: <10/<10 NTU; Total Suspended Solids : <10/<10 mg/L E.coli : <20,000 / <20,000 mg/L

Measured Level of exceeded parameters: (tick / fill in / circle as appropriate)	Mid-Food:		Mid-Ebb:	
	DO (S&M): ____AL / LL	DO (B): ____AL / LL	DO (S&M): ____AL / LL	DO (B): ____AL / LL
	Turbidity: ____AL / LL	NH3-N(In-situ): ____AL / LL	Turbidity: 11.5 AL / (LL)	NH3-N(In-situ): ____AL / LL
	E.coli : ____AL / LL	TSS : ____AL / LL	E.coli : ____AL / LL	TSS : ____AL / LL

Action taken / to be taken: (tick / fill in as appropriate)

Inspection:
- ☐ Silt curtain in proper condition
- ☑ Dredging rate within accepted rate
- ☑ Monitoring equipment is checked and confirmed without problem.
- ☐ Others: _____

Possible reason for Action or Limit Level Non-compliance: (tick / fill in as appropriate)

	DO(S&M)	DO(B)	Turbidity	TSS	E.coli
	Findings / Evidences				
☑ Station at Upstream Location at ME			✓		
☐ Upstream Control Station ( ) exceeded AL/LL					
☐ No increasing / ~~decreasing (for DO)~~ trend across the Project at MF	Upstream: ____( )mg/L Downstream: ____( )mg/L	Upstream: ____( )mg/L Downstream: ____( )mg/L	Upstream: ____( )NTU Downstream: ____( )NTU	Upstream: ____( )mg/L Downstream: ____( )mg/L	
☑ No Dredging Works carried out.					

Conclusion

☑ Due to change or/and influence of ambient condition in the vicinity, i.e. not Project related. ✓

Remarks: (tick / fill in as appropriate)

Repeat In-situ measurement was done.

Mid-Flood:	DO (S&M):	____	DO (B):	____	Turbidity:	____
	NH3-N:	____	____:	____	____:	____
Mid-Ebb:	DO (S&M):	____	DO (B):	____	Turbidity:	11.5
	NH3-N:	____	____:	____	____:	____

☐ _____

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

	DO(S&M)	DO(B)	Turbidity	NH3-N	
Others					

Prepared by: Wingo So

Signature:

Date (dd/mm/yyyy): 09/10/2017

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature:

Date (dd/mm/yy): 09/10/2017

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
DO (S&M) – Dissolved Oxygen (Surface & Middle)
LL – Limit Level
ME – Mid Ebb
MF – Mid Flood
NH3-N (In-situ) – Ammoniacal Nitrogen (In-situ results)
NH3-N (Lab) – Ammoniacal Nitrogen (Laboratory results)
TIN (In-situ) – Total Inorganic Nitrogen (In-situ results)
TIN (Lab) – Total Inorganic Nitrogen (Laboratory results)
TSS – Total Suspended Solids
- Wet Season: April to October; Dry Season: November to March

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

MaterialLab

Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20170919 /IM/SR5						
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel						
Date:	19/09/2017						
Time: (hh:mm)	Mid-Flood: 15:29 Mid-Ebb: 14:05						
Monitoring Location:	SR5 – Ma Wan FCZ						
Action Level / Limit Level:	DO (S&M): 5/5 mg/L; DO (B): 4.11/4.04 mg/L; TSS : 12 / 19 mg/L			Turbidity: 10.8/15.0 NTU; TIN 0.45/0.50(wet season) or 0.36/0.39(dry season)mg/L : / mg/L			
Measured Level of exceeded parameters: (tick / fill in / circle as appropriate)	Mid-Flood:			Mid-Ebb:			
	DO (S&M): ____AL / LL	DO (B): ____AL / LL		DO (S&M): ____AL / LL	DO (B): ____AL / LL		
	Turbidity: ____AL / LL	TIN(In-situ): 0.80 AL / (LL)		Turbidity: ____AL / LL	TIN(In-situ): 0.81 AL / (LL)		
	TIN(Lab): 0.80 AL / (LL)	TSS : ____AL / LL		TIN(Lab): 0.80 AL / (LL)	TSS : ____AL / LL		
Action taken / to be taken: (tick / fill in as appropriate)	Inspection: ☐ Silt curtain in proper condition ☐ Dredging rate within accepted rate ☑ Monitoring equipment is checked and confirmed without problem. ☐ Others:						
Possible reason for Action or Limit Level Non-compliance: (tick / fill in as appropriate)		DO(S&M)	DO(B)	Turbidity	TIN (In-situ)	TIN (Lab)	
		Findings / Evidences					
	☑ Station at Upstream Location at ME				✓	✓	
	☑ Upstream Control Station (or gradient station) exceeded AL/LL				MF:0.77mg/L(C2A)	MF:0.78mg/L(C2A)	
	☐ No increasing / ~~decreasing (for DO)~~ trend across the Project at MF	Upstream: ____( )mg/L Downstream: ____( )mg/L	Upstream: ____( )mg/L Downstream: ____( )mg/L	Upstream: ____( )NTU Downstream: ____( )NTU	Upstream: ____( )mg/L Downstream: ____( )mg/L		
	☑ No Dredging Works carried out.						
Conclusion	☑ Due to change or/and influence of ambient condition in the vicinity, i.e. not Project related.				✓	✓	
Remarks: (tick / fill in as appropriate)	Repeat In-situ measurement was done. Mid-Flood: DO (S&M): ____ DO (B): ____ Turbidity: ____ TIN: 0.80 ____: ____ ____: ____ Mid-Ebb: DO (S&M): ____ DO (B): ____ Turbidity: ____ TIN: 0.81 ____: ____ ____: ____ ☐						

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

	DO(S&M)	DO(B)	Turbidity	TIN (In-situ)	TIN (Lab)
Others					

Prepared by: Wingo So

Signature:

Date (dd/mm/yyyy): 09/10/2017

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature:

Date (dd/mm/yy): 09/10/2017

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
DO (S&M) – Dissolved Oxygen (Surface & Middle)
LL – Limit Level
ME – Mid Ebb
MF – Mid Flood
NH3-N (In-situ) – Ammoniacal Nitrogen (In-situ results)
NH3-N (Lab) – Ammoniacal Nitrogen (Laboratory results)
TIN (In-situ) – Total Inorganic Nitrogen (In-situ results)
TIN (Lab) – Total Inorganic Nitrogen (Laboratory results)
TSS – Total Suspended Solids
- Wet Season: April to October; Dry Season: November to March

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
6 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20170919 /IM/SR12
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	19/09/2017
Time: (hh:mm)	Mid-Flood: 16:56 Mid-Ebb: 12:10
Monitoring Location:	SR12 – Tsing Yi, WSD Flushing Water Intake
Action Level / Limit Level:	DO (S&M): 2/2 mg/L; NH3-N: <1/<1 mg/L ; DO (B): 2/2 mg/L; Turbidity: <10/<10 NTU; Total Suspended Solids : <10/<10 mg/L _____ : _____/_____mg/L

Measured Level of exceeded parameters: (tick / fill in / circle as appropriate)	Mid-Food:				Mid-Ebb:			
	DO (S&M): _____AL / LL	DO (B): _____AL / LL	DO (S&M): _____AL / LL	DO (B): _____AL / LL
	Turbidity: _____AL / LL	NH3-N(In-situ): _____AL / LL	Turbidity: 18.5 AL / (LL)	NH3-N(In-situ): _____AL / LL
	NH3-N(Lab): _____AL / LL	TSS : _____AL / LL	NH3-N(Lab): _____AL / LL	TSS : 14 AL / (LL)

Action taken / to be taken: (tick / fill in as appropriate)

Inspection:
- ☐ Silt curtain in proper condition
- ☐ Dredging rate within accepted rate
- ☑ Monitoring equipment is checked and confirmed without problem.
- ☐ Others: _____

Possible reason for Action or Limit Level Non-compliance: (tick / fill in as appropriate)

	DO(S&M)	DO(B)	Turbidity	NH3-N	TSS
	Findings / Evidences				
☑ Station at Upstream Location at ME			✓		✓
☐ Upstream Control Station (or gradient station) exceeded AL/LL					
☐ No increasing / ~~decreasing (for DO)~~ trend across the Project at MF	Upstream: _____( )mg/L Downstream: _____( )mg/L	Upstream: _____( )mg/L Downstream: _____( )mg/L	Upstream: _____( )NTU Downstream: _____( )NTU	Upstream: _____( )mg/L Downstream: _____( )mg/L	
☑ No Dredging Works carried out.					

Conclusion

☑ Due to change or/and influence of ambient condition in the vicinity, i.e. not Project related. ✓ ✓

Remarks: (tick / fill in as appropriate)

Repeat In-situ measurement was done.

Mid-Flood:	DO (S&M):	_____	DO (B):	_____	Turbidity:	_____
	NH3-N:	_____	_____:	_____	_____:	_____
Mid-Ebb:	DO (S&M):	_____	DO (B):	_____	Turbidity:	18.5
	NH3-N:	_____	_____:	_____	_____:	_____

☐ _____

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

	DO(S&M)	DO(B)	Turbidity	NH3-N	
Others					

Prepared by: Wingo So

Signature: _____

Date (dd/mm/yyyy): 09/10/2017

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature: _____

Date (dd/mm/yy): 09/10/2017

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
DO (S&M) – Dissolved Oxygen (Surface & Middle)
LL – Limit Level
ME – Mid Ebb
MF – Mid Flood
NH3-N (In-situ) – Ammoniacal Nitrogen (In-situ results)
NH3-N (Lab) – Ammoniacal Nitrogen (Laboratory results)
TIN (In-situ) – Total Inorganic Nitrogen (In-situ results)
TIN (Lab) – Total Inorganic Nitrogen (Laboratory results)
TSS – Total Suspended Solids
- Wet Season: April to October; Dry Season: November to March

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20170921 /IM/SR3						
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel						
Date:	21/09/2017						
Time: (hh:mm)	Mid-Flood: 08:03 Mid-Ebb: 11:12						
Monitoring Location:	SR3 –Approach, Gazetted Beach						
Action Level / Limit Level:	DO (S&M): 4.68/4.62 mg/L; NH3-N: 0.21/0.24 mg/L ; DO (B): 4.11/4.04 mg/L; Turbidity: 10.8/15.0 NTU; _____ : ____ / ____ mg/L _____ : ____ / ____ mg/L						
Measured Level of exceeded parameters (tick / fill in / circle as appropriate)	Mid-Flood:				Mid-Ebb:		
	DO (S&M): ____ AL / LL	DO (B): ____ AL / LL			DO (S&M): ____ AL / LL	DO (B): ____ AL / LL	
	Turbidity: 12.4 (A) / LL	NH3-N(In-situ): ____ AL / LL			Turbidity: 12.7 (A) / LL	NH3-N(In-situ): ____ AL / LL	
	NH3-N(Lab): ____ AL / LL	TSS : ____ AL / LL			NH3-N(Lab): ____ AL / LL	TSS : ____ AL / LL	
Action taken / to be taken: (tick / fill in as appropriate)	Inspection: ☑ Silt curtain in proper condition ☑ Dredging rate within accepted rate ☑ Monitoring equipment is checked and confirmed without problem. ☐ Others: _____						
Possible reason for Action or Limit Level Non-compliance: (tick / fill in as appropriate)		DO(S&M)	DO(B)	Turbidity	TSS	NH-3-N (Lab)	
	☑ Station at Upstream Location at ME			✓			
	☑ Upstream Control Station (or gradient station) exceeded AL/LL			MF:11.9 NTU(C2A)			
	☐ No increasing / ~~decreasing (for DO)~~ trend across the Project at MF	Upstream: ____ ( )mg/L Downstream: ____ ( )mg/L	Upstream: ____ ( )mg/L Downstream: ____ ( )mg/L	Upstream: ____ ( )NTU Downstream: ____ ( )NTU	Upstream: ____ ( )mg/L Downstream: ____ ( )mg/L		
	☐ No Dredging Works carried out.						
Conclusion	☑ Due to change or/and influence of ambient condition in the vicinity, i.e. not Project related.			✓			
Remarks: (tick / fill in as appropriate)	Repeat In-situ measurement was done. Mid-Flood: DO (S&M): ____ DO (B): ____ Turbidity: 12.4 NH3-N: ____ ____ : ____ ____ : ____ Mid-Ebb: DO (S&M): ____ DO (B): ____ Turbidity: 12.7 NH3-N: ____ ____ : ____ ____ : ____ ☑ Dredging works conducted at Zone2B1 of the Project. According to Contractor, dredged rate (in-situ) at Zone2B1 was 231m3/day.						

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

	DO(S&M)	DO(B)	Turbidity	NH3-N	
Others					

Prepared by: Wingo So

Signature: _____

Date (dd/mm/yyyy): 09/ 10/ 2017

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature: _____

Date (dd/mm/yy): 09 /10 /2017

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
DO (S&M) – Dissolved Oxygen (Surface & Middle)
LL – Limit Level
ME – Mid Ebb
MF – Mid Flood
NH3-N (In-situ) – Ammoniacal Nitrogen (In-situ results)
NH3-N (Lab) – Ammoniacal Nitrogen (Laboratory results)
TIN (In-situ) – Total Inorganic Nitrogen (In-situ results)
TIN (Lab) – Total Inorganic Nitrogen (Laboratory results)
TSS – Total Suspended Solids
- Wet Season: April to October; Dry Season: November to March

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20170921 /IM/SR4
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	21/09/2017
Time: (hh:mm)	Mid-Flood: 07:38 Mid-Ebb: 11:37
Monitoring Location:	SR4 – Tsuen Wan, WSD Flushing Water Intake
Action Level / Limit Level:	DO (S&M): 2/2 mg/L; NH3-N: <1/<1 mg/L ; DO (B): 2/2 mg/L; Turbidity: <10/<10 NTU; Total Suspended Solids : <10/<10 mg/L E.coli : <20,000 / <20,000 mg/L

Measured Level of exceeded parameters: (tick / fill in / circle as appropriate)	Mid-Food:				Mid-Ebb:			
	DO (S&M): ____ AL / LL	DO (B): ____ AL / LL	DO (S&M): ____ AL / LL	DO (B): ____ AL / LL
	Turbidity: 10.4 AL / (LL)	NH3-N(in-situ): ____ AL / LL	Turbidity: 11.3 AL / (LL)	NH3-N(in-situ): ____ AL / LL
	E.coli : ____ AL / LL	TSS : ____ AL / LL	E.coli : ____ AL / LL	TSS : ____ AL / LL

Action taken / to be taken: (tick / fill in as appropriate)

Inspection:
- ☑ Silt curtain in proper condition
- ☑ Dredging rate within accepted rate
- ☑ Monitoring equipment is checked and confirmed without problem.
- ☐ Others: _____

Possible reason for Action or Limit Level Non-compliance: (tick / fill in as appropriate)

	DO(S&M)	DO(B)	Turbidity	TSS	E.coli
	Findings / Evidences				
☑ Station at Upstream Location at ME			✓		
☑ Upstream Control Station (or gradient station) exceeded AL/LL			MF:11.9 NTU(C2A)		
☐ No increasing / ~~decreasing (for DO)~~ trend across the Project at MF	Upstream: ____( )mg/L Downstream: ____( )mg/L	Upstream: ____( )mg/L Downstream: ____( )mg/L	Upstream: ____( )NTU Downstream: ____( )NTU	Upstream: ____( )mg/L Downstream: ____( )mg/L	
☐ No Dredging Works carried out.					

Conclusion

☑ Due to change or/and influence of ambient condition in the vicinity, i.e. not Project related.			✓		

Remarks: (tick / fill in as appropriate)

Repeat In-situ measurement was done.

Mid-Flood:	DO (S&M): ____	DO (B): ____	Turbidity: 10.4
	NH3-N: ____	____	____
Mid-Ebb:	DO (S&M): ____	DO (B): ____	Turbidity: 11.3
	NH3-N: ____	____	____

☑ Dredging works conducted at Zone2B1 of the Project. According to Contractor, dredged rate (in-situ) at Zone2B1 was 231m3/day.

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

	DO(S&M)	DO(B)	Turbidity	NH3-N	
Others					

Prepared by: Wingo So

Signature:

Date (dd/mm/yyyy): 09/10/2017

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature:

Date (dd/mm/yy): 09/10/2017

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
DO (S&M) – Dissolved Oxygen (Surface & Middle)
LL – Limit Level
ME – Mid Ebb
MF – Mid Flood
NH3-N (In-situ) – Ammoniacal Nitrogen (In-situ results)
NH3-N (Lab) – Ammoniacal Nitrogen (Laboratory results)
TIN (In-situ) – Total Inorganic Nitrogen (In-situ results)
TIN (Lab) – Total Inorganic Nitrogen (Laboratory results)
TSS – Total Suspended Solids
- Wet Season: April to October; Dry Season: November to March

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20170921 /IM/SR5
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	21/09/2017
Time: (hh:mm)	Mid-Flood: 08:59 Mid-Ebb: 10:30
Monitoring Location:	SR5 – Ma Wan FCZ
Action Level / Limit Level:	DO (S&M): 5/5 mg/L; Turbidity: 10.8/15.0 NTU; DO (B): 4.11/4.04 mg/L; TIN 0.45/0.50(wet season) or 0.36/0.39(dry season)mg/L TSS : 12 / 19 mg/L : / mg/L
Measured Level of exceeded parameters: (tick / fill in / circle as appropriate)	Mid-Flood: DO (S&M): AL / LL; DO (B): AL / LL Turbidity: 11.9 (AL) / LL; TIN(In-situ): 0.80 AL / (LL) TIN(Lab): 0.80 AL / (LL); TSS : AL / LL Mid-Ebb: DO (S&M): AL / LL; DO (B): AL / LL Turbidity: 12.3 (AL) / LL; TIN(In-situ): 0.79 AL / (LL) TIN(Lab): 0.79 AL / (LL); TSS : AL / LL
Action taken / to be taken: (tick / fill in as appropriate)	Inspection: ☑ Silt curtain in proper condition ☑ Dredging rate within accepted rate ☑ Monitoring equipment is checked and confirmed without problem. ☐ Others:

Possible reason for Action or Limit Level Non-compliance: (tick / fill in as appropriate)	DO(S&M)	DO(B)	Turbidity	TIN (In-situ)	TIN (Lab)
	Findings / Evidences				
☑ Station at Upstream Location at ME			✓	✓	✓
☑ Upstream Control Station (or gradient station) exceeded AL/LL			MF:11.9 NTU(C2A)	MF:0.85mg/L(C2A)	MF:0.783mg/L(C2A)
☐ No increasing / ~~decreasing (for DO)~~ trend across the Project at MF	Upstream: ( )mg/L Downstream: ( )mg/L	Upstream: ( )mg/L Downstream: ( )mg/L	Upstream: ( )NTU Downstream: ( )NTU	Upstream: ( )mg/L Downstream: ( )mg/L	
☐ No Dredging Works carried out.					
Conclusion: ☑ Due to change or/and influence of ambient condition in the vicinity, i.e. not Project related.			✓	✓	✓

Remarks: (tick / fill in as appropriate)

Repeat In-situ measurement was done.

Mid-Flood:	DO (S&M):		DO (B):		Turbidity:	11.9
	TIN:	0.80		:		
Mid-Ebb:	DO (S&M):		DO (B):		Turbidity:	12.3
	TIN:	0.79		:		

☑ Dredging works conducted at Zone2B1 of the Project. According to Contractor, dredged rate (in-situ) at Zone2B1 was 231m3/day.

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road,
Tai Lam, Tuen Mun, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

	DO(S&M)	DO(B)	Turbidity	TIN (In-situ)	TIN (Lab)
Others					

Prepared by: Wingo So

Signature:

Date (dd/mm/yyyy): 09 / 10 / 2017

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature:

Date (dd/mm/yy): 09/10/2017

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
DO (S&M) – Dissolved Oxygen (Surface & Middle)
LL – Limit Level
ME – Mid Ebb
MF – Mid Flood
NH3-N (In-situ) – Ammoniacal Nitrogen (In-situ results)
NH3-N (Lab) – Ammoniacal Nitrogen (Laboratory results)
TIN (In-situ) – Total Inorganic Nitrogen (In-situ results)
TIN (Lab) – Total Inorganic Nitrogen (Laboratory results)
TSS – Total Suspended Solids
- Wet Season: April to October; Dry Season: November to March

The copyright of this document is owned by MaterialLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Room 723 & 725, 7/F, Block B,
Profit Industrial Building,
1-15 Kwai Fung Crescent,
Kwai Fong, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Appendix J

Environmental Mitigation Implementation Schedule

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

EIA Ref	EM&A Ref	No.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to Address	Who to implement the measure	Location of the measure	When to implement the measure?	Implementation Status
		A	Water Quality					
3.8	2.9		Use of Silt Screens	Minimize the effect of potential increase in SS levels at the seawater intakes	Contractor	WSD8, WSD9 and EMSD1	Construction Phase	
		A1	Silt Screens shall be installed at the flushing water intakes WSRs WSD1, WSD8~~, WSD9~~ and EMSD1 to minimise the effect of potential increase in SS levels at the seawater intakes.					Implemented
3.8	2.9		Use of Silt Curtains	Minimize the release of suspended soil from the dredging area	Contractor	Construction Work Sites	Construction Phase	
		A2	To minimize the potential SS impact from dredging, deployment of silt curtains around the grab dredgers is recommended; and Before commencement of dredging works, the holder of the Environmental Permit shall submit detailed proposal of the design and arrangement of the frame type silt curtain to EPD for approval.					Implemented
3.10	2.9	A3	Water Quality Monitoring Program	Perform water quality monitoring at sensitive receivers during construction phase	ET	Monitoring Locations as stated in Table 2.1 of the EM&A Manual	Construction Phase	
			Water quality monitoring shall be carried out in accordance with Section 2 of the Environmental Monitoring and Audit (EM&A) Manual. Event and Action Plan (EAP) for water quality shall be followed in case of any exceedance in action and limit level.					Implemented
3.8 (EP Ref 3)	-		Dredging Operation	Minimize potential adverse effect as a result of dredging activities	Contractor	Construction Work Sites	Construction Phase	
		A4	Only two types of dredgers are allowed for this Project: (a) grab dredger with closed grab, and (b) ~~cutter suction dredger~~ spud pole grab dredger.					Implemented
		A5	The speed of any construction vessels shall not exceed 10 knots when passing through the area of the Project.					Implemented
		A6	No more than ~~three~~ two grab dredgers with closed grab ~~(or one cutter suction dredger with two closed grab dredgers)~~ shall be operated within the Project Area at any one time for the Project.					Implemented
		A7	Only one closed grab dredger ~~or one cutter suction dredger~~ shall be operated in Zone 2B and during which no other closed grab dredger shall be allowed in other zones within the Project Area.					Implemented
		A8	No more than one grab dredger with closed ~~grab (or one cutter suction dredger)~~ shall be operated within each of the five main zones at any one time for the ~~Project in which the cutter suction dredger shall only be operated in Zones 2 and 4 with maximum dredging rate of 700 m³ in 30 minutes in any given hour (max. 8,400 m³/day, based on a 12-hour operation per day)~~.					Implemented
		A9	The maximum dredging rate for closed grab dredger at Rambler Channel – Zones 1 to 2 (subzones Z1A, Z1B, Z2A, Z2B and Z2C) shall follow the Dredging Plan for the Hotspot, as shown in EP-426/2011/A.					Implemented
		A10	The maximum dredging rate for closed grab dredger at Rambler Channel – Zones 3 to 4 (subzones Z3A to Z4B) shall not exceed 1,600 m³ per day during dry season or 3,440 m³ per day during wet season as shown in EP-426/2011/A.					NA-Dredging works substantially completed
		A11	The maximum dredging rate for closed grab dredger at Rambler Channel – Zones 5 to 6 (subzones Z5A, Z5B and Z6A) shall not exceed 4,000 m³ per					NA-Dredging works

EIA Ref	EM&A Ref	No.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to Address	Who to implement the measure	Location of the measure	When to implement the measure?	Implementation Status
			day during both dry and wet seasons as shown in EP-426/2011/A.					substantially completed
		A12	The maximum dredging rate for closed grab dredger at Rambler Channel – Zones 5 to 8 (subzones Z5C, Z6B, Z6C, Z6D, Z7 and Z8) shall not exceed 4,000 m³ per day during both dry and wet seasons as shown in EP-426/2011/A.					NA-Dredging works substantially completed
		A13	The maximum dredging rate for closed grab dredger at Northern Fairway – Zones 9 to 12 shall not exceed 4,000 m³ per day during both dry and wet seasons as shown in EP-426/2011/A.					NA-Dredging works substantially completed
		A14	The maximum dredging rate for closed grab dredger at Western Fairway – Zone 13A shall not exceed 4,000 m³ per day during both dry and wet seasons as shown in EP-426/2011/A.					NA-Dredging works substantially completed
		A15	The maximum dredging rate for closed grab dredger at Western Fairway – Zone 13B shall not exceed 4,000 m³ per day during both dry and wet seasons as shown in EP-426/2011/A.					NA-Dredging works substantially completed
		A16	~~The dredging pump of cutter suction dredger shall be operated during cutting to reduce the sediment loss to water body.~~					NA-no CSD employed
		A17	Project dredging works within Zone 1 to 6 (including sub-zones) of the Container Basin shall not be carried out at the same time with Terminal Operator's maintenance dredging activities.					NA-No Terminal Operator's maintenance dredging carried out
		A18	~~Cutter suction dredger is only to be deployed for the removal of harder material during daytime only (07:00 to 19:00) in Zone 2 (including subzones) of the Container Basin.~~					NA-no CSD employed
		A19	In case of rainstorm warning in effect during dredging works, the dredged material on barge shall be covered properly before transportation to disposal site.					Implemented
		A20	In case of exceedance of SS and NH3-N at the Tsing Yi WSD flushing intake due to dredging operation is evidenced, the Contractor shall propose mitigation measures not limited to reducing dredging rate. If exceedance persists, the Contractor shall propose not to undertake dredging operation in close proximity to the Tsing Yi flushing water intake during flood tide. The Contractor shall liaise with the ETL, IEC, ER, EPD and WSD for the proposed mitigation measures.					NA-no exceedance due to dredging operation
		A21	If further mitigation measures are required due to continuous exceedance of SS and NH_3-N, consideration shall then be given to dredge only on the state of the tide which would avoid migration of SS towards the WSD and EMSD intakes.					NA-no exceedance due to dredging operation
		A22	Dredging sub-zone Z2B where high NH_3-N in sediment is found shall be					Implemented

EIA Ref	EM& A Ref	No.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to Address	Who to implement the measure	Location of the measure	When to implement the measure?	Implementation Status
			isolated with dredging works to be carried out towards the end of construction programme.					
		A23	Administrative control in terms of dredging rate adjustment in controlling the release of contaminants shall be employed as mitigation measures.					Implemented
		A24	Field trials shall be carried out to propose the most effective dredging process and rate to control the release of ammoniacal nitrogen and UIA into the water column and achieve compliance at the WSD1 seawater intake (NH_3-N) and at the beaches for UIA. Capital dredging works in dredging sub-zone Z2B (Figure 1.2h refers) should not therefore be carried out until the proposed method and rate are confirmed.					Implemented
		A25	Detailed dredging plan shall be prepared providing details of individual dredging subzones and dredging rate taking into account of the field trial results.					Implemented
3.8	-		Other Good Site Practices for Dredging	Minimize potential adverse effect as a result of dredging activities	Contractor	Construction Work Sites	Construction Phase	
		A26	All vessels should be sized so that adequate clearance is maintained between vessels and the seabed in all tide conditions, to ensure that undue turbidity is not generated by turbulence from vessel movement or propeller wash.					Implemented
		A27	The speed of all Contractor's vessels should be controlled within the works area to prevent propeller wash from stirring up the seabed sediments.					Implemented
		A28	All barges / dredgers used should be fitted with tight fitting seals to their bottom openings to prevent leakage of material.					Implemented
		A29	Construction activities should not cause foam, oil, grease, scum, litter or other objectionable matter to be present on the water within the site or dumping grounds.					Implemented
		A30	No overflow of dredged mud should be allowed. Barges or hopper should not be filled to a level that will cause the overflow of materials or polluted water during loading or transportation.					Implemented
		B	**Waste Management**					
			Good Site Practices	Minimize potential adverse effect arising from the handling of dredged material	Contractor	Construction Work Sites (General)	Construction Phase	
4.5	3.3	B1	Obtain the profile of different sediment categories and careful planning of sediment removal.					Implemented
		B2	Nomination of an approved person, such as a site manager, to be responsible for good site practices, arrangements for collection and effective disposal to an appropriate facility, of all wastes generated at the site.					Implemented
		B3	Training of site personnel in proper waste management and chemical handling procedures.					Implemented
		B4	Provision of sufficient waste disposal points and regular collection of waste.					Implemented
		B5	Well planned delivery programme for offsite disposal such that adverse environmental impact from transporting sediment material is not anticipated.					Implemented
		B6	Use well maintained PME on site.					Implemented
			General Refuse	Minimize the adverse effect arising from the handling of site general refuse	Contractor	Construction Work Sites (General)	Construction Phase	
4.5	3.3	B7	General refuse should be stored in enclosed bins. A reputable waste collector should be employed by the contractor to remove general refuse from the site.					Implemented

EIA Ref	EM&A Ref	No.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to Address	Who to implement the measure	Location of the measure	When to implement the measure?	Implementation Status
			Chemical Waste	Minimize the adverse effect arising from the handling of site chemical waste	Contractor	Construction Work Site	Construction Phase	
4.5	3.3	B8	If chemical wastes are produced at the construction site, the Contractor shall be required to register with the EPD as a chemical waste producer and to follow the guidelines stated in the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes. Good quality containers compatible with the chemical wastes shall be used, and incompatible chemicals should be stored separately. Appropriate labels shall be securely attached on each chemical waste container indicating the corresponding chemical characteristics of the chemical waste, such as explosive, flammable, oxidizing, irritant, toxic, harmful, corrosive, etc. The Contractor shall use a licensed collector to transport and dispose of the chemical wastes, to either the approved Chemical Waste Treatment Centre, or another licensed facility, in accordance with the Waste Disposal (Chemical Waste) (General) Regulation.					Implemented
4.5	3.3		Marine Dredged Sediment	Control of transportation and disposal of dredged material in a manner to minimize potential impacts on water quality	Contractor	Construction Work Site	Construction Phase	
		B9	Control of transportation and disposal of dredged material in a manner to minimize potential impacts on water quality.					Implemented
		B10	Bottom opening of barges will be fitted with tight fitting seals to prevent leakage of material. Excess material shall be cleaned from the decks and exposed fittings of barges and dredgers before the vessel is moved.					Implemented
		B11	Monitoring of the barge loading shall be conducted to ensure that loss of material does not take place during transportation. Transport barges or vessels shall be equipped with automatic self-monitoring devices as specified by the EPD.					Implemented
		B12	Barges or hopper barges shall not be filled to a level that would cause the overflow of materials or sediment laden water during loading or transportation.					Implemented
		B13	Sediment Quality Report shall be prepared and submit to EPD under DASO.					Implemented
		B14	If disposal of Type 3 sediment is identified, agreement with EPD shall be reached regarding the treatment of sediment before disposal.					NA – no type 3 material disposed
		B15	Project works shall not be carried out before obtaining confirmation from MFC on disposal option.					Implemented
		B16	Follow strictly all conditions stipulated in the dumping permit.					Implemented
		C	**Marine Ecology**	Review and assess the potential adverse effect on marine ecology	Contractor	Construction Work Sites	Construction Phase	
5.7	4.1	C1	Water quality monitoring results shall be reviewed from time to time to assess if there were any impact to marine ecology due to dredging operation.					Implemented
		D	**Fisheries**	Review and assess the potential adverse effect on fisheries	Contractor	Construction Work Sites	Construction Phase	
6.7	5.1	D1	Water quality monitoring results shall be reviewed from time to time to assess if there were any impact to fisheries due to dredging operation.					Implemented
		E	**Hazard to Life**		Contractor	Construction Work Sites (General)	Construction Phase	
7.8.2	6.2	E1	Sound communication channel shall be established with the oil companies, Marine Department, and Fire Services Department for effective notification and emergency evacuation in case of accidents.					Implemented
		E2	Proper safety and emergency training shall be given to the relevant					Implemented

EIA Ref	EM&A Ref	No.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to Address	Who to implement the measure	Location of the measure	When to implement the measure?	Implementation Status
			operation staff at the dredging site. Emergency plans and procedures should be prepared and drills should be performed periodically.					
		F	**Landscape Visual and Glare**	Minimize landscape and visual impacts during construction phase	Contractor	Construction activities' area	Throughout design, construction phase	
8.9 Table 8-3 & 8-6	7.2	F1	Visa shields to the lights of dredgers shall be provided.					Implemented
		F2	The light source shall not point directly to any VSRs.					Implemented
		F3	Lights shall be switched off if they are not in use.					Implemented
		G	**Cultural Heritage**	Minimize potential marine archaeological impact during dredging activities	Contractor	Locations of the 20 unidentified sonar contacts and masked areas	During Construction works	
9.5	8		<u>Monitoring Brief</u>					
		G1	A monitoring brief shall be conducted during the dredging. It shall only be required during dredging at the locations of the 20 unidentified sonar contacts and masked areas and does not need to cover all of the dredging activities. Dredging staff should be briefed about the possibility of locating archaeological objects and a marine archaeologist shall be available to monitor the dredged spoil and provide advice. If material indicative of archaeological remains is retrieved, the AMO should be contacted as soon as possible.					NA- no archaeological deposit was found during reporting period.
		H	**Noise**					
10.8	9		<u>Good Site Practices</u>	Control and minimize the generation of undue noise nuisance	Contractor	Construction Work Sites (Along the alignment of dredging	Construction Phase	
		H1	Only well-maintained plant shall be operated on-site and plant should be serviced regularly during the construction program.					Implemented
		H2	Machines and plant that may be in intermittent use should be shut down between works periods or should be throttled down to a minimum.					Implemented
		H3	Plant known to emit noise strongly in one direction should, wherever possible, be orientated so that the noise is directed away from nearby NSRs.					Implemented
		H4	If dredging is to be carried out during restricted hours, work locations close to NSRs shall be avoided.					Implemented
		I	**Construction Dust**					
11.7	10		<u>Dust Control</u>	Good site practice to control dust and odour impact to the nearby sensitive receivers	Contractor	Construction Work Sites (General)	Construction Phase	
		I1	Requirements of the Air Pollution Control (Construction Dust) Regulation, where relevant, shall be adhered to during the construction period.					Implemented
			<u>Odour</u>		Contractor	Construction Work Sites (General)	Construction Phase	
		I2	To minimize potential odour emissions, if dredged sediment is anticipated to be placed on barge for more than a day the load shall be properly covered as far as practicable to minimise the exposed area and potential odour.					NA-no work in such condition
		I3	If dredged sediment is found to be malodorous it shall be removed from site as soon as possible within one hour after the barge being filled up.					NA-no work in such condition

MATERIALAB CONSULTANTS LIMITED
Room 723 & 725, 7/F, Block B,
Profit Industrial Building,
1-15 Kwai Fung Crescent,
Kwai Fong, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Appendix K

Waste Generation in Reporting Period

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

Name of Department : Civil Engineering and Development Department
Contract No. : CV/2013/04

Monthly Summary Waste Flow Table for _2017__ (year)

Year	Actual Quantities of Inert C&D Materials Generated Monthly					Actual Quantities of C&D Wastes Generated Monthly				
2017	Total Quantity Generated	Broken Concrete (see Note 4)	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Metals	Paper/cardboard packaging	Plastics (see Note 3)	Chemical Waste	Others, e.g. general refuse
	(in '000 m^3)	(in '000 m^3)	(in '000 m^3)	(in '000 m^3)	(in '000 m^3)	(in '000 kg)	(in '000 kg)	(in '000 kg)	(in '000 kg)	(in '000 m^3)
Jan	nil	nil	nil	nil	nil	nil	nil	nil	nil	0.01
Feb	nil	nil	nil	nil	nil	nil	nil	nil	nil	0.01
Mar	nil	nil	nil	nil	nil	nil	nil	nil	nil	0.01
Apr	nil	nil	nil	nil	nil	nil	nil	nil	4.8	0.01
May	nil	nil	nil	nil	nil	nil	nil	nil	nil	0.01
Jun	nil	nil	nil	nil	nil	nil	nil	nil	nil	0.01
Jul	nil	nil	nil	nil	nil	nil	nil	nil	nil	0.01
Aug	nil	nil	nil	nil	nil	nil	nil	nil	nil	0.01
Sep	nil	nil	nil	nil	nil	nil	nil	nil	nil	0.01
Oct										
Nov										
Dec										
Total	nil	nil	nil	nil	nil	nil	nil	nil	4.8	0.09

Notes:

(1) The waste flow table shall also include C&D materials that are specified in the Contract to be imported for use at the Site.

(2) Plastics refer to plastic bottles/containers, plastic sheets/foam from packaging material.

(3) Broken concrete for recycling into aggregates

Monthly Summary of Sediment Disposal (2014 - 2017)

Marine Sediment Type	Type 1 – Open Sea Disposal	Type 2 – Confined Marine Disposal	Type 3 – Special Treatment / Disposal
Month	Monthly Quantity (m^3)	Monthly Quantity (m^3)	Monthly Quantity (m^3)
2014			
Jan-Dec	549,430	99,660	nil
2015			
Jan-Dec	938,560	372,370	nil
2016			
January	12,580	22,290	nil
February	47,980	30,300	nil
March	34,550	20,070	nil
April	31,040	14,540	nil
May	23,960	20,490	1,260
June	29,950	26,820	nil
July	9,500	18,040	nil
August	6,300	700	nil
September	nil	nil	nil
October	nil	nil	nil
November	nil	nil	nil
December	nil	nil	nil
2017			
January	nil	nil	nil
February	nil	nil	nil
March	nil	nil	nil
April	nil	3,000	nil
May	nil	5,000	nil
June	nil	2,000	nil
July	500	6,500	nil
August	500	6,000	nil
September	nil	1,100	nil
Total	1,684,850	648,380	1,260

Yearly Summary Waste Flow Table

Year	Estimated Annual Quantities of Inert C&D Materials (in '000m3)										Estimated Annual of C&D Wastes									
	Total Quantity Generated		Broken Concrete (see Note 3)		Reused in the Contract		Reused in other Projects		Disposed as Public Fill		Metals		Paper/cardboard packaging		Plastics (see Note 2)		Chemical Waste		Others, e.g. general refuse	
	(a)		(b)		(c)		(d)		(a-b-c-d)		(in '000 kg)		(in '000 kg)		(in '000 kg)		(in '000 kg)		(in '000 m3)	
	Est.	Act.	Est.	Act.	Est.	Act.	Est.	Act.	Est.	Act.	Est.	Act.	Est.	Act.	Est.	Act.	Est.	Act.	Est.	Act.
2013	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.003	0.01
2014	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.2	0.16
2015	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	13	14.4	0.2	0.12
2016	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	17	Nil	0.2	0.12
2017	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	10	-	0.15	-
2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2020																				
2021																				
Grand Total	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	40	14.4	0.753	0.41

Notes:

(1) The waste flow table shall also include C&D materials that are specified in the Contract to be imported for use at the Site.

(2) Plastics refer to plastic bottles/containers, plastic sheets/foam from packaging material

(3) Broken concrete for recycling into aggregates.

MATERIALAB CONSULTANTS LIMITED
Room 723 & 725, 7/F, Block B,
Profit Industrial Building,
1-15 Kwai Fung Crescent,
Kwai Fong, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Appendix L

Weather Conditions for the Reporting Month

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Room 723 & 725, 7/F, Block B,
Profit Industrial Building,
1-15 Kwai Fung Crescent,
Kwai Fong, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Report No.: 0394/13/ED/0364A

Date	Air Temperature			Mean Relative Humidity (%)	Total Rainfall (mm)
	Maximum (deg. C)	Mean (deg. C)	Minimum (deg. C)		
August 2017					
23	29.5	26.9	25.4	89	0.0
24	31.5	29.1	27.3	86	0.0
25	32.7	29.2	27.8	81	2.0
26	34.3	29.8	26.2	73	67.1
27	26.9	25.6	24.0	95	Trace
28	26.3	25.2	24.5	96	0.1
29	31.4	28.2	24.6	79	6.3
30	31.6	28.9	27.0	79	165.3
31	32.8	28.9	26.2	77	98.3
September 2017					
1	31.7	27.9	26.1	83	6.5
2	30.4	27.9	26.4	83	1.0
3	29.9	27.3	25.6	88	23.8
4	27.6	26.4	25.3	89	32.8
5	30.7	28.3	25.9	87	6.4
6	32.3	29.1	27.3	82	Trace
7	30.7	28.5	27.5	84	1.8
8	30.9	28.4	26.9	83	1.1
9	32.0	28.1	26.0	86	25.8
10	32.2	29.1	26.7	81	Trace
11	32.4	29.8	27.6	75	0.0
12	32.8	29.9	27.9	77	0.6
13	34.0	30.0	28.3	73	0.0
14	31.5	29.0	27.6	64	0.0
15	33.2	29.4	27.8	77	Trace
16	32.6	29.9	27.7	73	0.0
17	32.6	30.1	28.5	72	0.0
18	32.9	29.7	27.8	75	0.0
19	32.2	29.1	27.6	75	0.0
20	32.0	29.3	27.6	78	0.2
21	32.0	29.4	27.9	79	Trace
22	32.0	29.1	26.1	83	17.9

Source: Hong Kong Observatory

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Room 723 & 725, 7/F, Block B,
Profit Industrial Building,
1-15 Kwai Fung Crescent,
Kwai Fong, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Report No.: 0394/13/ED/0364A

Rainstorm Warning

Color	Start Time		End Time		Duration
	hh mm	dd/mon/yyyy	hh mm	dd/mon/yyyy	hh mm
Amber	08:00	23/Aug/2017	12:10	23/Aug/2017	04 10
Amber	05:10	27/Aug/2017	14:10	27/Aug/2017	09 00
Amber	06:15	28/Aug/2017	08:55	28/Aug/2017	02 40

Source: Hong Kong Observatory

Thunderstorm Warning

Start Time		End Time		Duration
hh mm	dd/mon/yyyy	hh mm	dd/mon/yyyy	hh mm
07:00	23/Aug/2017	15:00	23/Aug/2017	08 00
12:35	25/Aug/2017	15:00	25/Aug/2017	02 25
02:25	26/Aug/2017	03:30	26/Aug/2017	01 05
18:50	26/Aug/2017	20:00	26/Aug/2017	01 10
21:20	26/Aug/2017	23:30	26/Aug/2017	02 10
11:55	27/Aug/2017	20:00	27/Aug/2017	08 05
23:00	27/Aug/2017	17:30	28/Aug/2017	18 30
15:50	30/Aug/2017	17:00	30/Aug/2017	01 10
18:25	30/Aug/2017	20:45	30/Aug/2017	02 20
17:30	31/Aug/2017	21:00	31/Aug/2017	03 30
15:10	01/Sep/2017	20:00	01/Sep/2017	04 50
17:15	02/Sep/2017	19:15	02/Sep/2017	02 00
20:40	02/Sep/2017	22:45	02/Sep/2017	02 05
06:40	03/Sep/2017	07:30	03/Sep/2017	00 50
15:45	03/Sep/2017	23:45	03/Sep/2017	08 00
02:25	04/Sep/2017	07:30	04/Sep/2017	05 05
03:55	05/Sep/2017	05:30	05/Sep/2017	01 35
12:40	07/Sep/2017	15:20	07/Sep/2017	02 40
10:20	08/Sep/2017	12:00	08/Sep/2017	01 40
09:25	09/Sep/2017	10:30	09/Sep/2017	01 05
12:15	09/Sep/2017	21:45	09/Sep/2017	09 30
04:15	10/Sep/2017	07:15	10/Sep/2017	03 00
08:15	10/Sep/2017	09:15	10/Sep/2017	01 00
13:25	10/Sep/2017	15:00	10/Sep/2017	01 35
14:40	12/Sep/2017	19:30	12/Sep/2017	04 50
18:30	13/Sep/2017	19:30	13/Sep/2017	01 00

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Room 723 & 725, 7/F, Block B,
Profit Industrial Building,
1-15 Kwai Fung Crescent,
Kwai Fong, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

MaterialLab

Report No.: 0394/13/ED/0364A

Start Time		End Time		Duration
hh mm	dd/mon/yyyy	hh mm	dd/mon/yyyy	hh mm
13:10	20/Sep/2017	14:15	20/Sep/2017	01 05
09:20	21/Sep/2017	11:30	21/Sep/2017	02 10
14:25	21/Sep/2017	15:30	21/Sep/2017	01 05
06:05	22/Sep/2017	09:00	22/Sep/2017	02 55
07:00	23/Aug/2017	15:00	23/Aug/2017	08 00
12:35	25/Aug/2017	15:00	25/Aug/2017	02 25
02:25	26/Aug/2017	03:30	26/Aug/2017	01 05
18:50	26/Aug/2017	20:00	26/Aug/2017	01 10
21:20	26/Aug/2017	23:30	26/Aug/2017	02 10
11:55	27/Aug/2017	20:00	27/Aug/2017	08 05
23:00	27/Aug/2017	17:30	28/Aug/2017	18 30
15:50	30/Aug/2017	17:00	30/Aug/2017	01 10
18:25	30/Aug/2017	20:45	30/Aug/2017	02 20
17:30	31/Aug/2017	21:00	31/Aug/2017	03 30
15:10	01/Sep/2017	20:00	01/Sep/2017	04 50
17:15	02/Sep/2017	19:15	02/Sep/2017	02 00
20:40	02/Sep/2017	22:45	02/Sep/2017	02 05
06:40	03/Sep/2017	07:30	03/Sep/2017	00 50
15:45	03/Sep/2017	23:45	03/Sep/2017	08 00
02:25	04/Sep/2017	07:30	04/Sep/2017	05 05
03:55	05/Sep/2017	05:30	05/Sep/2017	01 35
12:40	07/Sep/2017	15:20	07/Sep/2017	02 40
10:20	08/Sep/2017	12:00	08/Sep/2017	01 40
09:25	09/Sep/2017	10:30	09/Sep/2017	01 05
12:15	09/Sep/2017	21:45	09/Sep/2017	09 30
04:15	10/Sep/2017	07:15	10/Sep/2017	03 00
08:15	10/Sep/2017	09:15	10/Sep/2017	01 00
13:25	10/Sep/2017	15:00	10/Sep/2017	01 35
14:40	12/Sep/2017	19:30	12/Sep/2017	04 50
18:30	13/Sep/2017	19:30	13/Sep/2017	01 00
13:10	20/Sep/2017	14:15	20/Sep/2017	01 05
09:20	21/Sep/2017	11:30	21/Sep/2017	02 10
14:25	21/Sep/2017	15:30	21/Sep/2017	01 05
06:05	22/Sep/2017	09:00	22/Sep/2017	02 55

Source: Hong Kong Observatory

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.

MATERIALAB CONSULTANTS LIMITED
Room 723 & 725, 7/F, Block B,
Profit Industrial Building,
1-15 Kwai Fung Crescent,
Kwai Fong, N.T., Hong Kong.
Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com.hk

Report No.: 0394/13/ED/0364A

Tropical Cyclone Warning Signals

Intensity	Name	Signal	Start Time		End Time		Duration
			hh mm	dd/mon/yyyy	hh mm	dd/mon/yyyy	hh mm
Severe Typhoon	HATO	8 NE	05:20	23/Aug/2017	08:10	23/Aug/2017	02 50
Severe Typhoon	HATO	9	08:10	23/Aug/2017	09:10	23/Aug/2017	01 00
Severe Typhoon	HATO	10	09:10	23/Aug/2017	14:10	23/Aug/2017	05 00
Severe Typhoon	HATO	8 SE	14:10	23/Aug/2017	17:10	23/Aug/2017	03 00
Severe Typhoon	HATO	3	17:10	23/Aug/2017	18:20	23/Aug/2017	01 10
Severe Typhoon	HATO	1	18:20	23/Aug/2017	20:40	23/Aug/2017	02 20
Severe Tropical Storm	PAKHAR	1	09:40	26/Aug/2017	20:40	26/Aug/2017	11 00
Severe Tropical Storm	PAKHAR	3	20:40	26/Aug/2017	05:10	27/Aug/2017	08 30
Severe Tropical Storm	PAKHAR	8 SE	05:10	27/Aug/2017	13:40	27/Aug/2017	08 30
Severe Tropical Storm	PAKHAR	3	13:40	27/Aug/2017	17:40	27/Aug/2017	04 00
Severe Tropical Storm	PAKHAR	1	17:40	27/Aug/2017	22:10	27/Aug/2017	04 30
Severe Tropical Storm	MAWAR	1	02:20	02/Sep/2017	22:40	03/Sep/2017	44 20
Severe Tropical Storm	MAWAR	3	22:40	03/Sep/2017	10:20	04/Sep/2017	11 40
Severe Tropical Storm	MAWAR	1	10:20	04/Sep/2017	14:10	04/Sep/2017	03 50
Tropical Depression	no name	1	23:10	23/Sep/2017	19:20	24/Sep/2017	20 10

Source: Hong Kong Observatory

The copyright of this document is owned by MateriaLab Consultants Ltd. It may not be reproduced except with prior written approval from the Company.