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Report No.: 0394/13/ED/0383

Monthly EM&A Report

October 2019

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/0383

Project Proponent:

Civil Engineering & Development Department
101 Princess Margaret Road,
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Prepared by: Wingo So

Reviewed by: Cyrus Lai

Certified by: _____

Colin Yung
Environmental Team Leader for
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RAMBOLL

Ref.: CEDDWKTBEM00_0_0384L.19

12 November 2019
By Post

Mott MacDonald Hong Kong Ltd.
3/F Mapletree Bay Point,
348 Kwun Tong Road
Kwun Tong, Kowloon

Attention: Mr. C M Howley

Dear Mr. Howley,

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 October 2019

Reference is made to the Environmental Team's submission of the Monthly Environmental Monitoring & Audit Report for October 2019 (ET's Report No. 0394/13/ED/0383) received by e-mail on 5 November 2019.

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 Hong Kong Limited

Y H Hui
Independent Environmental Checker

Cc:	MMHK	Ms. Sunny Zhao	(by post and email)
	Fugro	Mr. Colin Yung	(by email)
	CIWE	Mr. K.O. Leung	(by email)

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EXECUTIVE SUMMARY

i. This is the Fifty-forth Monthly Environmental Monitoring Audit (EM&A) Monthly Report – October 2019 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 September 2019 to 22 October 2019.

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 2B2 in EP

iii. Water Quality Monitoring
Routine impact water quality monitoring at 7 designated monitoring stations namely C1A, C2A, G2, SR4, SR5, SR12 and SR13 were conducted during the reporting period. Exceedances of UIA (in-situ & lab), TIN (in-situ & lab), Suspended Solids and *E.coli* 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
SR4	Action	0	0	0	0	0	0	0	0	0	0	-	-	0	0
	Limit	0	0	0	0	0	0	0	0	5	5	-	-	5	5
SR5	Action	0	0	0	0	0	0	-	-	-	-	1	0	1	0
	Limit	0	0	0	0	0	0	-	-	-	-	1	1	1	1
SR12	Action	0	0	0	0	0	0	0	0	0	0	-	-	0	0
	Limit	0	0	0	0	0	0	0	0	5	5	-	-	5	5
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	0	0	0	0	0	0	1	0	1	
	Limit	0	0	0	0	0	0	0	0	10	10	1	1	22	

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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
SR4	Action	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0
	Limit	2	2	0	0	0	0	0	0	5	5	0	0	-	-	7	7
SR5	Action	1	1	-	-	-	-	-	-	-	-	-	-	1	0	2	1
	Limit	0	0	-	-	-	-	-	-	-	-	-	-	1	1	1	1
SR12	Action	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0
	Limit	2	1	0	0	1	0	0	0	5	5	0	0	-	-	8	6
SR13	Action	0	0	-	-	-	-	-	-	-	-	-	-	-	-	0	0
	Limit	0	0	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Total	Action	1	1	0	0	0	0	0	0	0	0	0	0	1	0	3	
	Limit	4	3	0	0	1	0	0	0	10	10	0	0	1	1	30	

iv. Among the 7 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**.

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

v. Waste Management

There was marine sediment Type 2 sediment (Confined Marine Disposal) disposed to East of Sha Chau Contaminated Mud Pit. No general refuse were disposed off site in the reporting month.

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vi. Non-Compliance, Complaints, Notifications of Summons and Successful Prosecutions
No complaint, notification of prosecutions or summons was received in the reporting period.

vii. Site Inspections and Audit
The Environmental Team conducted 4 site inspections in the reporting period. No particular observation was recorded in the reporting month except the Contractor was reminded to provide suitable labels for the chemical containers.

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

viii. Compliance with Specific EP conditions
Implementation of contractor's mitigation for the associated marine construction works was checked. It was concluded that the marine works are conducted orderly in compliance with the EP requirements on site mitigation measures in general.

ix. Construction Activities for the Coming Reporting Period
For 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, 2B2 and 2C1 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.

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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 Hong Kong Limited (RHK) 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 Fugro Technical Services Limited (FTS) 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 Fifty-forth Monthly EM&A Report is prepared by FTS. 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 September 2019 to 22 October 2019.

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,

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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

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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. Jason Chan	2585 8595	2827 1823
	Project Engineer	Ms. Sunny Zhao	2828 5908	2827 1823
Independent Environmental Checker (RHK)	Independent Environmental Checker	Mr. YH Hui	3465 2888	3465 2899
Contractor (CIW&E)	Site Agent	Mr. KO Leung	2508 0983	2508 0987
Environmental Team (FTS)	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 2B2 in EP

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

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Table 2.2 Detailed Dredging Quantity

Date	Dredged Quantity (in-situ, m^3)		
	Portion A		
	Zone (Maximum Allowable Daily Dredged Rate)		
23- September-2019	0	0	0
24- September-2019	0	0	0
25- September-2019	0	0	0
26- September-2019	0	0	0
27- September-2019	2B2: 308 (1450)	0	0
28- September-2019	2B2: 115 (1450)	0	0
29- September-2019	2B2: 269 (1450)	0	0
30- September-2019	0	0	0
01-October-2019	0	0	0
02- October-2019	0	0	0
03- October-2019	0	0	0
04- October-2019	0	0	0
05- October-2019	0	0	0
06- October-2019	0	0	0
07- October-2019	0	0	0
08- October-2019	0	0	0
09- October-2019	0	0	0
10- October-2019	0	0	0
11- October-2019	0	0	0
12- October-2019	0	0	0
13- October-2019	0	0	0
14- October-2019	0	0	0
15- October-2019	0	0	0
16- October-2019	0	0	0
17- October-2019	0	0	0
18- October-2019	0	0	0
19- October-2019	0	0	0
20- October-2019	0	0	0
21- October-2019	0	0	0
22- October-2019	0	0	0

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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		
Construction Noise Permit Portion A 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-RW0126-19	12/4/2019	11/10/2019
	GW-RW0454-19	12/10/2019	11/4/2020
Marine Dumping Permit Portion A Type 2 Confined Marine Disposal *East of Sha Chau Contaminated Mud Pit (CMP Vd) as directed by management team of CEDD*	EP/MD/20-068	29/09/2019	28/10/2019
Waste Producer License	5213-320-C3907-01	27/10/2014	Upon Completion

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

For 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, 2B2 and 2C1 in EP

Future Key Issues include:

- Regular inspection on silt curtain deployment
- Regular inspection on silt screen deployment
- Implementation of EM&A Programme

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- 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.

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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 Fugro Technical Services Limited (HOKLAS Reg. No. 015), 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	0.2 mg/L

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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)
		Xylem EXO 3 Sonde	Temp: -5 to 50°C DO: 0-50mg/L DO%: 0-500% Sal: 0 to 175 ppt (By conversion of conductivity) pH: 0 to 14 pH units Turb: 0-4000NTU (FNU)	Temp: ±0.01°C (for -5-35°C) DO: ±0.1mg/L or 1% (whichever greater) for 0-20mg/L; ±15% for 20-50mg/L Sal: ±0.5% or 0.012ppt (for 0-72.7 ppt) (By conversion of conductivity) (whichever greater) pH: ±0.2 units Turb: ±2% or 0.3NTU (FNU) (whichever greater)

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Parameter	Equipment	Model	Range	Equipment Accuracy
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

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 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.

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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)
SR4	O	O	O	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 Referring to the *Proposal of Scale down for the Water Quality Monitoring Stations during High Spots Removal at Sub-zone Z2B1, Z2B2 and Z2C1* (Ref.: 0394/13/ED/0370G), routine water quality monitoring stations at SR2 (Casam, Gazetted Beach) and SR3 (Approach, Gazetted Beach) were removed. The proposal was justified by ET and verified by IEC, also no objection was received from other parties. The proposal was approved by EPD as per EPD's memo (Ref. (6) in Ax(1) to EP2/N3/C/57 Pt.10) dated 20 August 2019. The removal of the water quality monitoring at SR2 and SR3 was effective from 23 August 2019.

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3.4.4 Impact water quality monitoring was conducted at 7 locations, including 4 sensitive receivers (SR4, SR5, SR12 and SR13), 1 gradient station (G2) and 2 control stations (C1A and C2A), whose detailed information is summarised in **Table 3.5**. The locations of the stations are also shown in **Figure 2**.

Table 3.5 Locations of Water Quality Monitoring Stations

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
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

3.5.1 In the reporting period, impact water quality monitoring was carried out 3 days per week, at mid-flood and mid-ebb tides, from 23 September 2019 to 22 October 2019. 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 Signals, Thunderstorm Warning and Strong Monsoon Signal 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 is 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**.

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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
SR4	Action	0	0	0	0	0	0	0	0	0	0	-	-	0	0
	Limit	0	0	0	0	0	0	0	0	5	5	-	-	5	5
SR5	Action	0	0	0	0	0	0	-	-	-	-	1	0	1	0
	Limit	0	0	0	0	0	0	-	-	-	-	1	1	1	1
SR12	Action	0	0	0	0	0	0	0	0	0	0	-	-	0	0
	Limit	0	0	0	0	0	0	0	0	5	5	-	-	5	5
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	0	0	0	0	0	0	1	0	1	
	Limit	0	0	0	0	0	0	0	0	10	10	1	1	22	

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
SR4	Action	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0
	Limit	2	2	0	0	0	0	0	0	5	5	0	0	-	-	7	7
SR5	Action	1	1	-	-	-	-	-	-	-	-	-	-	1	0	2	1
	Limit	0	0	-	-	-	-	-	-	-	-	-	-	1	1	1	1
SR12	Action	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0
	Limit	2	1	0	0	1	0	0	0	5	5	0	0	-	-	8	6
SR13	Action	0	0	-	-	-	-	-	-	-	-	-	-	-	-	0	0
	Limit	0	0	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Total	Action	1	1	0	0	0	0	0	0	0	0	0	0	1	0	3	
	Limit	4	3	0	0	1	0	0	0	10	10	0	0	1	1	30	

3.7.4 During the reporting period, 20 LL exceedances for UIA (in-situ), 1 AL and 2 LL exceedances for TIN (in-situ), 2 AL and 7 LL exceedances for Suspended Solids, 1 LL exceedance *for E. Coli*, 20 LL exceedances for UIA (lab) and 1 AL and 2 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**.

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3.9 Event and Action Plan

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

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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.

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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)
		• Xylem EXO 3 Sonde	Temp: -5 to 50°C DO: 0-50mg/L DO%: 0-500% Turb: 0-4000NTU (FNU)	Temp: ±0.01°C (for -5-35°C) DO: ±0.1mg/L or 1% (whichever greater) for 0-20mg/L; ±15% for 20-50mg/L ▪ Turb: ±2% or 0.3NTU (FNU) (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	$N\text{-}NH_3$: 0-2mg/L	$N\text{-}NH_3$: <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**.

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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 (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, Strong Monsoon Signal 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

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potential 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 is 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**.

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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, 4 site inspections were carried out on 26 September 2019, 3, 10 and 17 October 2019.

5.1.2 No particular observation was recorded in the reporting month except the Contractor was reminded to provide suitable label for the chemical containers.

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, no 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 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 2B2.

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.

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5.3.3 There was marine sediment Type 2 sediment (Confined Marine Disposal) disposed to East of Sha Chau Contaminated Mud Pit. No 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 September 2019 to 22 October 2019 (m^3)	Cumulative- to 22 October 2019 (m^3)	Disposal / Dumping Ground
October 2019	Type 1 – Open Sea Disposal	0	1685700	NA
	Type 2 – Confined Marine Disposal	900	655030	NA
	Type 3 – Special Treatment / Disposal	0	1260	NA

Note:
1. 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**. In general, the necessary mitigation measures were implemented properly.

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6. EXCEEDANCE OF THE ENVIRONMENTAL PARAMETERS

6.1.1 Four (4) Action Level and fifty two (52) 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**.

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

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

7.1.2 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

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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 Four (4) Action Level and fifty two (52) Limit Level exceedances were recorded in the routine impact monitoring in the reporting month.

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

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 4 times in the reporting month.

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

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Report No.: 0394/13/ED/0383

Figure 1

Project General Layout

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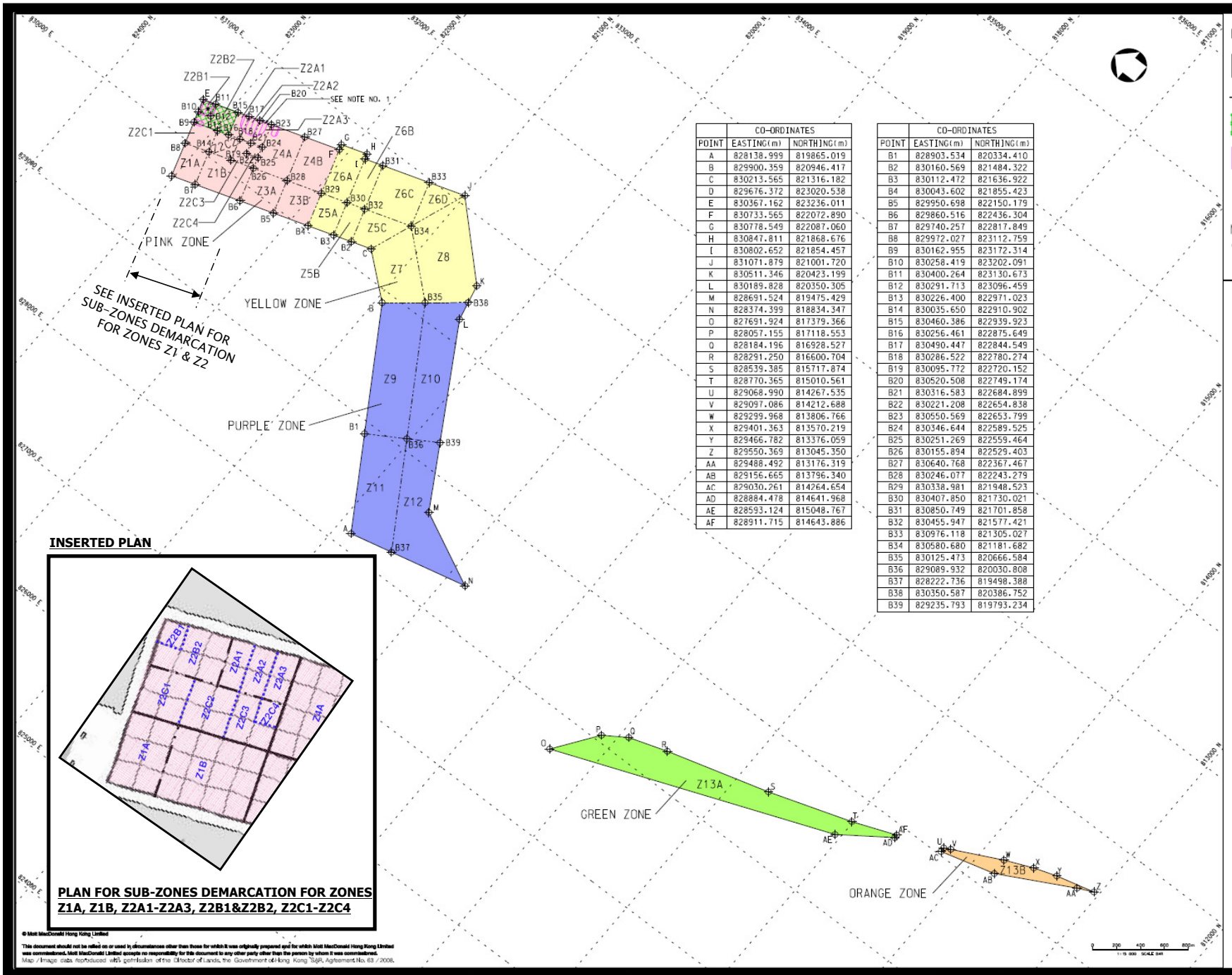

POINT	CO-ORDINATES EASTING(m)	NORTHING(m)
A	828138.999	819865.019
B	829900.359	820946.417
C	830213.565	821316.182
D	829676.372	823020.538
E	830367.162	823236.011
F	830733.565	822072.890
G	830778.549	822087.060
H	830847.811	821868.676
I	830802.652	821854.457
J	831071.879	821001.720
K	830511.346	820423.199
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

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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

FUGRO TECHNICAL SERVICES LIMITED
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Figure 2

Locations of Water Quality Monitoring Stations

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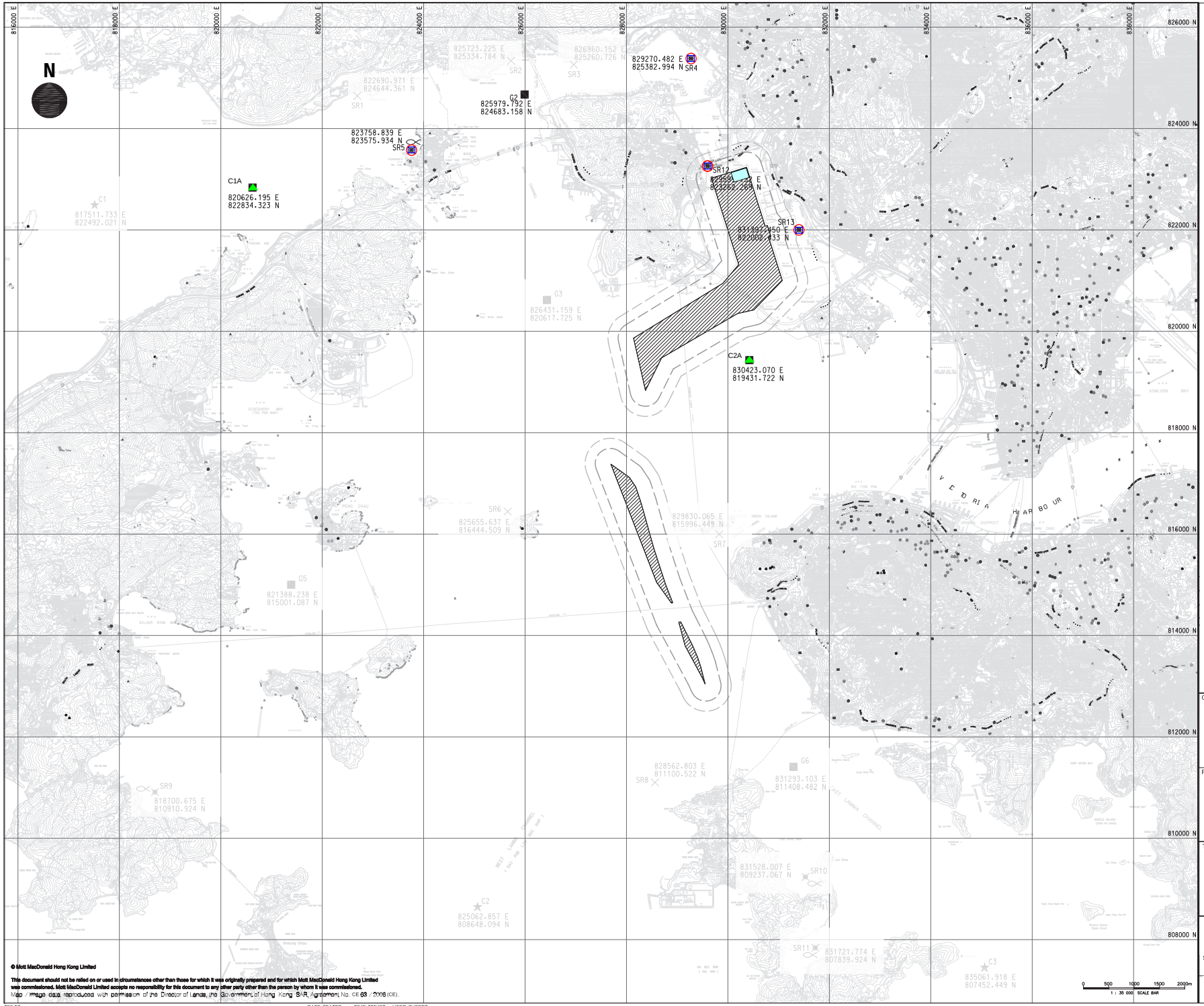

NOTES:

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 UNDER EP-426/2011A
- CURRENT SCOPE OF DREDGING WORK BOUNDARY
- ROUTINE IMPACT MONITORING STATION
- 24 HOUR MONITORING 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

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

Figure 2 - Location of Water Quality Monitoring Stations

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Appendix A

Project Organization Chart

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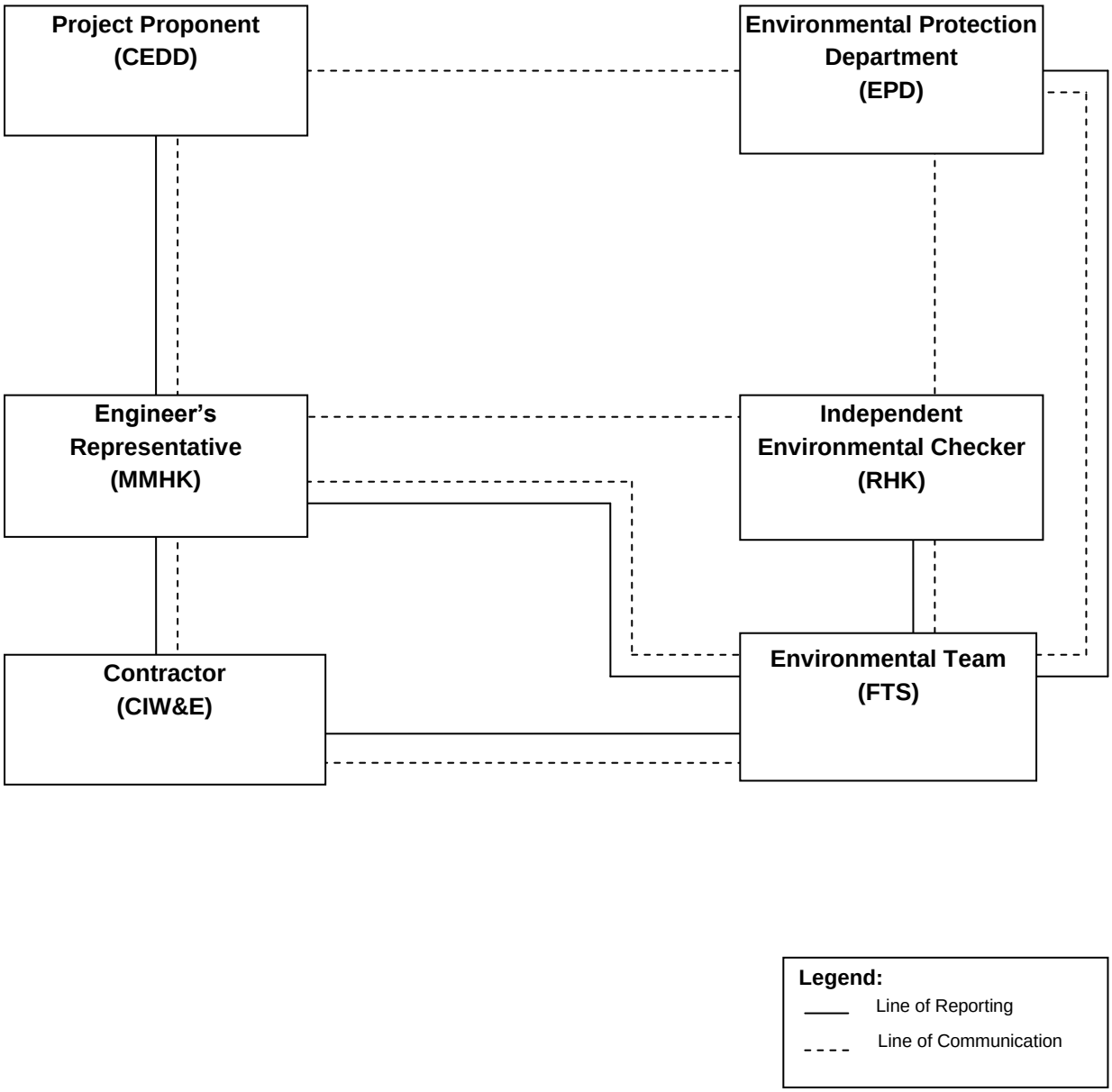
Project Proponent
(CEDD)
Environmental Protection
Department
(EPD)
Engineer's
Representative
(MMHK)
Independent
Environmental Checker
(RHK)
Contractor
(CIW&E)
Environmental Team
(FTS)
Legend:
Line of Reporting
Line of Communication

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Report No.: 0394/13/ED/0383

Appendix B

Construction Programme

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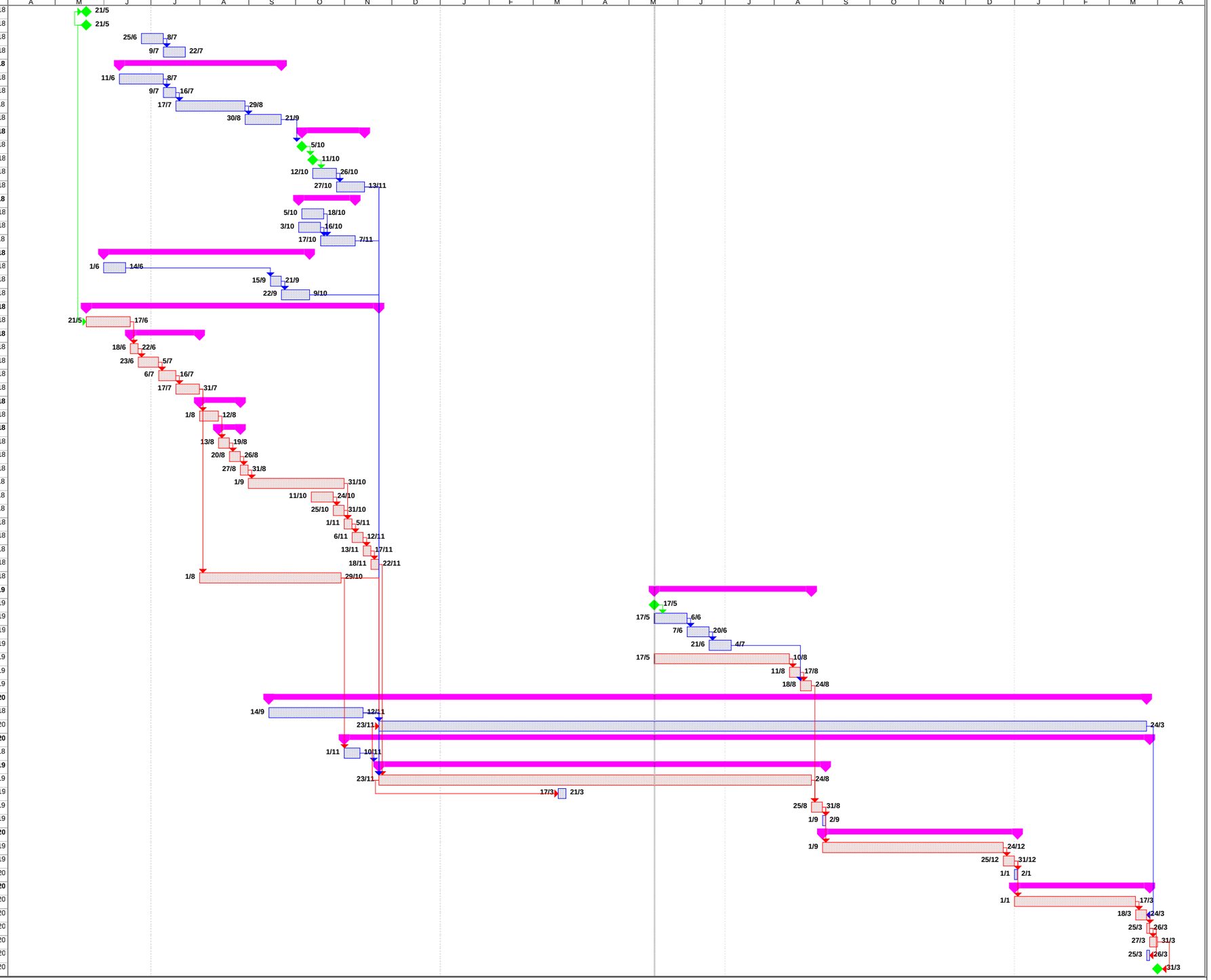
Contract No. CV/2013/04
Dredging Works in Kwai Tsing Container Basin and its Approach Channel
Updated Programme for Rock Excavation Works outside Berth KC5

Date: 17 May 2019

ID	Task Name	Duration	Start	Finish
1	**Commencement Date**	0 days	Mon 21/5/18	Mon 21/5/18
2	Works reviewed and agreed between CEDD and CIWE	0 days	Mon 21/5/18	Mon 21/5/18
3	Notification of works to EPD, MD and relevant stakeholders by CEDD	14 days	Mon 25/6/18	Sun 8/7/18
4	Comments/no objection to works from EPD, MD and relevant stakeholders	14 days	Mon 9/7/18	Sun 22/7/18
5	**Method Statement**	**103 days**	**Mon 11/6/18**	**Fri 21/9/18**
6	Preparation	28 days	Mon 11/6/18	Sun 8/7/18
7	First submission	8 days	Mon 9/7/18	Mon 16/7/18
8	Comments from MMHK	44 days	Tue 17/7/18	Wed 29/8/18
9	Second submission	23 days	Thu 30/8/18	Fri 21/9/18
10	**Marine Department Notice**	**40 days**	**Fri 5/10/18**	**Tue 13/11/18**
11	Notification of MTMLG Meeting	0 days	Fri 5/10/18	Fri 5/10/18
12	MTMLG Meeting	0 days	Thu 11/10/18	Thu 11/10/18
13	Preparation and submission of MDN application	15 days	Fri 12/10/18	Fri 26/10/18
14	Approval	18 days	Sat 27/10/18	Tue 13/11/18
15	**Marine Dumping Permit**	**36 days**	**Wed 3/10/18**	**Wed 7/11/18**
16	Disposal ground allocated by CEDD	14 days	Fri 5/10/18	Thu 18/10/18
17	Preparation and submission	14 days	Wed 3/10/18	Tue 16/10/18
18	Approval	22 days	Wed 17/10/18	Wed 7/11/18
19	**Construction Noise Permit**	**131 days**	**Fri 1/6/18**	**Tue 9/10/18**
20	Noise Assessmet	14 days	Fri 1/6/18	Thu 14/6/18
21	Preparation and submission	7 days	Sat 15/9/18	Fri 21/9/18
22	Approval	18 days	Sat 22/9/18	Tue 9/10/18
23	**Drilling Barge**	**186 days**	**Mon 21/5/18**	**Thu 22/11/18**
24	Design of modification works	28 days	Mon 21/5/18	Sun 17/6/18
25	**Application for MD's approval of modification works**	**44 days**	**Mon 18/6/18**	**Tue 31/7/18**
26	First submission	5 days	Mon 18/6/18	Fri 22/6/18
27	Comments from MD	13 days	Sat 23/6/18	Thu 5/7/18
28	Second submission	11 days	Fri 6/7/18	Mon 16/7/18
29	Approval	15 days	Tue 17/7/18	Tue 31/7/18
30	**Reschedule of modification works due to requiements imposed by MD**	**26 days**	**Wed 1/8/18**	**Sun 26/8/18**
31	Preliminary revised design for modification works	12 days	Wed 1/8/18	Sun 12/8/18
32	**Rearrangement of dockyard for modification works**	**14 days**	**Mon 13/8/18**	**Sun 26/8/18**
33	Liaison with dockyard in Mainland China for modification works	7 days	Mon 13/8/18	Sun 19/8/18
34	Reservation of dockyard for modification works	7 days	Mon 20/8/18	Sun 26/8/18
35	Mobillization of barge to dockyard in Mainland China	5 days	Mon 27/8/18	Fri 31/8/18
36	Modification of flat top barge with 2 nos. drilling rigs added	61 days	Sat 1/9/18	Wed 31/10/18
37	Plan Approval of modification works	14 days	Thu 11/10/18	Wed 24/10/18
38	Survey/Inspection of modification works	7 days	Thu 25/10/18	Wed 31/10/18
39	Brage returnung to Hong Kong	5 days	Thu 1/11/18	Mon 5/11/18
40	Installation of drilling rigs, air compressors and gensets	7 days	Tue 6/11/18	Mon 12/11/18
41	Testing of lifting appliances and gears	5 days	Tue 13/11/18	Sat 17/11/18
42	Operating Licence issued by MD	5 days	Sun 18/11/18	Thu 22/11/18
43	Work Permit approved by Mainland China	90 days	Wed 1/8/18	Mon 29/10/18
44	**Dredger**	**100 days**	**Fri 17/5/19**	**Sat 24/8/19**
45	AIP application	0 days	Fri 17/5/19	Fri 17/5/19
46	AIP approved by MD	21 days	Fri 17/5/19	Thu 6/6/19
47	Modification works	14 days	Fri 7/6/19	Thu 20/6/19
48	Inspection and testing	14 days	Fri 21/6/19	Thu 4/7/19
49	Export Permit	86 days	Fri 17/5/19	Sat 10/8/19
50	Mobilzation to Hong Kong	7 days	Sun 11/8/19	Sat 17/8/19
51	Operating licence issued by MD	7 days	Sun 18/8/19	Sat 24/8/19
52	**Water Quality Monitoring Works**	**558 days**	**Fri 14/9/18**	**Tue 24/3/20**
53	Reinstallation of equipment	60 days	Fri 14/9/18	Mon 12/11/18
54	Monitoring works	488 days	Fri 23/11/18	Tue 24/3/20
55	**Site Works (Subject to working period provided by MTL)**	**512 days**	**Thu 1/11/18**	**Thu 26/3/20**
56	Survey grid plan for drilling works	10 days	Thu 1/11/18	Sat 10/11/18
57	**Drilling works**	**284 days**	**Fri 23/11/18**	**Mon 2/9/19**
58	Drilling works including trial drilling	275 days	Fri 23/11/18	Sat 24/8/19
59	Removal of broken rock material	5 days	Sun 17/3/19	Thu 21/3/19
60	Further removal of broken rock material	7 days	Sun 25/8/19	Sat 31/8/19
61	Interim hydrographic survey	2 days	Sun 1/9/19	Mon 2/9/19
62	**Removal of high spots**	**124 days**	**Sun 1/9/19**	**Thu 2/1/20**
63	Drilling works	115 days	Sun 1/9/19	Tue 24/12/19
64	Removal of broken rock material	7 days	Wed 25/12/19	Tue 31/12/19
65	Interim hydrographic survey	2 days	Wed 1/1/20	Thu 2/1/20
66	**Removal of remaining high spots**	**86 days**	**Wed 1/1/20**	**Thu 26/3/20**
67	Drilling works	77 days	Wed 1/1/20	Tue 17/3/20
68	Removal of broken rock material	7 days	Wed 18/3/20	Tue 24/3/20
69	Final hydrographic survey	2 days	Wed 25/3/20	Thu 26/3/20
70	Handover	5 days	Fri 27/3/20	Tue 31/3/20
71	Hydrographic Survey by CEDD, MD	2 days	Wed 25/3/20	Thu 26/3/20
72	**Completion Date**	0 days	Tue 31/3/20	Tue 31/3/20



China International Water & Electric Corp.

Task | Critical Task | Milestone | Summary

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Report No.: 0394/13/ED/0383

Appendix C

Action and Limit Levels

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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	2	2	2	2	<10	<10	<10	<10	<10	<10	<20,000	<20,000	<1	<1	0.021	0.021	<5	<5	NA	NA
SR12																				
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
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
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.

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Report No.: 0394/13/ED/0383

Appendix D

Copies of Calibration Certificates

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Calibration Certificates

Impact Monitoring

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MaterialLab

Report No. : 142626WA191893

Report on Calibration of YSI EXO-3 Multi-parameter Water Quality Meter

Information Supplied by Client

Client	:	Fugro Technical Services Limited (MCL)
Client's address	:	Rm. 723-726, 7/F, Profit Industrial Building, No. 1-15, Kwai Fung Crescent, Kwai Chung, N.T.
Sample description	:	One YSI EXO-3 Multi-parameter Water Quality Meter
Client sample ID	:	Serial No. 19E100634
Test required	:	Calibration of the YSI EXO-3 Multi-parameter Water Quality Meter

Laboratory Information

Lab. sample ID	:	WA191893/1
Date sample received	:	02/09/2019
Date of calibration	:	06/09/2019
Next calibration date	:	05/12/2019
Test method used	:	In-house comparison method

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

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MaterialLab

Report No. : 142626WA191893

Results :

A. pH calibration

pH reading at 21°C for Q.C. solution(6.86) and at 25°C for Q.C. solution(9.18)		
Theoretical	Measured	Deviation
9.18	9.28	+0.10
6.86	6.84	-0.02

B. Salinity calibration

Salinity, ppt			
Theoretical	Measured	Deviation	Maximum acceptable Deviation
10	10.07	+0.07	± 0.5
20	20.10	+0.10	± 1.0
30	30.00	0.00	± 1.5
40	40.59	+0.59	± 2.0

C. Dissolved Oxygen calibration

Trial No.	Dissolved oxygen content, mg/L	
	By Titration	By D.O. meter
1	7.98	8.07
2	8.14	8.11
3	8.05	7.95
Average	8.06	8.04

Differences of D.O. Content between Wrinkler Titration and D.O. meter should be less than 0.2 mg/L

Certified by : _____
Approved Signatory : HO Kin Man, John
Assistant General Manager – Laboratories

Date : 16/9/2019

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

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MaterialLab

Report No. : 142626WA191893

Results :

D. Temperature calibration

Thermometer reading, °C	Meter reading, °C
23.00	23.27

E. Turbidity calibration

Turbidity, N.T.U.			
Theoretical	Measured	Deviation	Maximum acceptable Deviation
0	-	-	± 0.5
4	3.58	-0.42	± 0.6
8	7.35	-0.65	± 0.8
40	39.28	-0.72	± 3.0
80	79.94	-0.06	± 4.0

F. Chlorophyll calibration

Chlorophyll reading at 25.3°C for Std. solution (62.5ug/L)		
Theoretical (ug/L) (Temp.-compensated)	Measured	Deviation
68.40	68.17	-0.23

Certified by : _____
Approved Signatory : HO Kin Man, John
Assistant General Manager – Laboratories

Date : 16/9/2019

** End of Report **

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

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

MaterialLab

Photometer Check Log

Calibration Date:	6 September 2019		
Parameter:	NH_3-N		
Check Solution ID:	0.2 mg/L NH_3-N		
Check Solution Prepared by:	Fugro Technical Services Limited		
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:	0.20 mg/L	0.21 mg/L	0.20 mg/L
Next Calibration Date:	5 October 2019		

Prepared by: AY

Date: 6 September 2019

Checked by: [signature]

Date: 6 September 2019

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Email : mcl@fugro.com.hk

MaterialLab

Photometer Check Log

Calibration Date:	6 September 2019		
Parameter:	NO_2-N		
Check Solution ID:	0.2 mg/L NO_2-N		
Check Solution Prepared by:	Fugro Technical Services Limited		
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:	0.20 mg/L	0.21 mg/L	0.21 mg/L
Next Calibration Date:	5 October 2019		

Prepared by: _____
Date: 6 September 2019

Checked by: _____
Date: 6 September 2019

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MaterialLab

Photometer Check Log

Calibration Date:	6 September 2019		
Parameter:	NO_3-N		
Check Solution ID:	0.4 mg/L NO_3-N		
Check Solution Prepared by:	Fugro Technical Services Limited		
Check Solution Concentration (mg/L):	0.4 mg/L		
Equipment (Brand & Model, Equipment No.):	HACH DR900 W-09	HACH DR900 W-10	HACH DR900 W-11
Concentration Reading on Photometer:	0.396 mg/L	0.409 mg/L	0.411 mg/L
Next Calibration Date:	5 October 2019		

Prepared by: _____

Date: 6 September 2019

Checked by: _____

Date: 6 September 2019

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MaterialLab

Photometer Check Log

Calibration Date:	5 October 2019		
Parameter:	NH_3-N		
Check Solution ID:	0.2 mg/L NH_3-N		
Check Solution Prepared by:	Fugro Technical Services Limited		
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:	0.20 mg/L	0.19 mg/L	0.19 mg/L
Next Calibration Date:	4 November 2019		

Prepared by: AY

Date: 5 October 2019

Checked by: [signature]

Date: 5 October 2019

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MaterialLab

Photometer Check Log

Calibration Date:	5 October 2019		
Parameter:	NO_2-N		
Check Solution ID:	0.2mg/L NO_2-N		
Check Solution Prepared by:	Fugro Technical Services Limited		
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	0.20 mg/L	0.19 mg/L
Next Calibration Date:	4 November 2019		

Prepared by: AY

Date: 5 October 2019

Checked by: [signature]

Date: 5 October 2019

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MaterialLab

Photometer Check Log

Calibration Date:	5 October 2019		
Parameter:	NO_2-N		
Check Solution ID:	0.4mg/L NO_2-N		
Check Solution Prepared by:	Fugro Technical Services Limited		
Check Solution Concentration (mg/L):	0.4mg/L		
Equipment (Brand & Model, Equipment No.):	HACH DR900 W-09	HACH DR900 W-10	HACH DR900 W-11
Concentration Reading on Photometer:	0.416 mg/L	0.395 mg/L	0.409 mg/L
Next Calibration Date:	4 November 2019		

Prepared by: AY

Date: 5 October 2019

Checked by: [signature]

Date: 5 October 2019

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Calibration Certificate

24-hr Monitoring

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Calibration Certificate

24-hr Monitoring – SR4

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MateriaLab

HOKLAS 015 TEST

Report No. : 142626WA191729(4)

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

Information Supplied by Client

Client	:	MateriaLab Consultants Limited
Client's address	:	Rm. 723-726, 7/F, Profit Industrial Building, No. 1-15, Kwai Fung Crescent, Kwai Chung, N.T.
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	:	WA191729/5
Date sample received	:	09/08/2019
Date of calibration	:	19/08/2019
Next calibration date	:	18/11/2019
Test method used	:	In-house comparison method

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MateriaLab

HOKLAS 015 TEST

Report No. : 142626WA191729(4)

Results :

A. Salinity calibration

Salinity, ppt			
Theoretical	Measured	Deviation	Maximum acceptable Deviation
10	10.32	+0.32	± 0.5
20	20.21	+0.21	± 1.0
30	30.11	+0.11	± 1.5
40	39.91	-0.09	± 2.0

B. Dissolved Oxygen calibration

Trial No.	Dissolved oxygen content, mg/L	
	By Titration	By D.O. meter
1	7.94	8.00
2	7.94	7.94
3	7.94	7.97
Average	7.94	7.97

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

Certified by : _____
Approved Signatory : HO Kin Man, John
Assistant General Manager – Laboratories

Date : 21/8/2019

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MateriaLab

HOKLAS 015 TEST

Report No. : 142626WA191729(4)

C. Temperature calibration

Thermometer reading, °C	Meter reading, °C
25.4	25.38

D. Turbidity calibration

Turbidity, N.T.U.			
Theoretical	Measured	Deviation	Maximum acceptable Deviation
0	-	-	± 0.5
4	4.10	+0.10	± 0.6
8	8.20	+0.20	± 0.8
40	39.00	-1.00	± 3.0
80	79.90	-0.10	± 4.0

Certified by : _____
Approved Signatory : HO Kin Man, John
Assistant General Manager – Laboratories
Date : 21/8/2019

** End of Report **

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Calibration Certificate

24-hr Monitoring – SR5

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Website : www.fugro.com

MateriaLab

Report No. : 142626WA191408(2)

Report on Calibration of YSI EXO-3 Multi-parameter Water Quality Meter

Information Supplied by Client

Client	:	Fugro Technical Services Limited (MCL)
Client's address	:	Rm. 723-726, 7/F, Profit Industrial Building, No. 1-15, Kwai Fung Crescent, Kwai Chung, N.T.
Sample description	:	One YSI EXO-3 Multi-parameter Water Quality Meter
Client sample ID	:	Serial No. 19E100633
Test required	:	Calibration of the YSI EXO-3 Multi-parameter Water Quality Meter

Laboratory Information

Lab. sample ID	:	WA191408/3
Date sample received	:	28/06/2019
Date of calibration	:	03/07/2019
Next calibration date	:	02/10/2019
Test method used	:	In-house comparison method

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

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MateriaLab

Report No. : 142626WA191408(2)

Results :

A. pH calibration

pH reading at 22°C for Q.C. solution(6.86) and at 22°C for Q.C. solution(9.18)		
Theoretical	Measured	Deviation
9.18	9.18	0.00
6.86	6.76	-0.10

B. Salinity calibration

Salinity, ppt			
Theoretical	Measured	Deviation	Maximum acceptable Deviation
10	10.1	+0.1	± 0.5
20	20.2	+0.2	± 1.0
30	30.1	+0.1	± 1.5
40	40.4	+0.4	± 2.0

C. Dissolved Oxygen calibration

Trial No.	Dissolved oxygen content, mg/L	
	By Titration	By D.O. meter
1	7.87	7.91
2	8.10	7.96
3	7.83	8.00
Average	7.93	7.96

Differences of D.O. Content between Wrinkler Titration and D.O. meter should be less than 0.2 mg/L

Certified by :

Approved Signatory : HO Kin Man, John
Assistant General Manager – Laboratories

Date : 11/7/2019

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MateriaLab

Report No. : 142626WA191408(2)

Results :

D. Temperature calibration

Thermometer reading, °C	Meter reading, °C
23.0	22.83

E. Turbidity calibration

Turbidity, N.T.U.			
Theoretical	Measured	Deviation	Maximum acceptable Deviation
0	0.0	0.0	± 0.5
4	4.4	+0.4	± 0.6
8	8.2	+0.2	± 0.8
40	41.1	+1.1	± 3.0
80	80.2	+0.2	± 4.0

Certified by : _____
Approved Signatory : HO Kin Man, John
Assistant General Manager – Laboratories

Date : 11/7/2019

** End of Report **

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Fugro Development Centre
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Report No. : 142626WA192021

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

Information Supplied by Client

Client	:	MateriaLab Consultants Limited
Client's address	:	Rm. 723-726, 7/F, Profit Industrial Building, No. 1-15, Kwai Fung Crescent, Kwai Chung, N.T.
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	:	WA192021/1
Date sample received	:	18/09/2019
Date of calibration	:	02/10/2019
Next calibration date	:	01/04/2020
Test method used	:	In-house comparison method

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

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Hong Kong

Report No. : 142626WA192021

Results :

A. Salinity calibration

Salinity, ppt			
Theoretical	Measured	Deviation	Maximum acceptable Deviation
10	10.03	+0.03	± 0.5
20	20.29	+0.29	± 1.0
30	30.05	+0.05	± 1.5
40	40.29	+0.29	± 2.0

B. Dissolved Oxygen calibration

Trial No.	Dissolved oxygen content, mg/L	
	By Titration	By D.O. meter
1	8.05	8.04
2	8.10	8.00
3	7.94	7.90
Average	8.03	7.98

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

Certified by : _____
Approved Signatory : HO Kin Man, John
Assistant General Manager – Laboratories

Date : 11/10/2019

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

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

Report No. : 142626WA192021

Results :

C. Temperature calibration

Thermometer reading, °C	Meter reading, °C
25.9	25.91

D. Turbidity calibration

Turbidity, N.T.U.			
Theoretical	Measured	Deviation	Maximum acceptable Deviation
0	-	-	± 0.5
4	3.60	-0.40	± 0.6
8	7.60	-0.40	± 0.8
40	41.30	+1.30	± 3.0
80	80.10	+0.10	± 4.0

Certified by : _____
Approved Signatory : HO Kin Man, John
Assistant General Manager – Laboratories

Date : 11/10/2019

** End of Report **

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

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Calibration Certificate

24-hr Monitoring – SR12

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MateriaLab

Report No. : 142626WA191408

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

Information Supplied by Client

Client	:	Fugro Technical Services Limited (MCL)
Client's address	:	Rm. 723-726, 7/F, Profit Industrial Building, No. 1-15, Kwai Fung Crescent, Kwai Chung, N.T.
Sample description	:	One YSI 69201V2-M Multi-parameter Water Quality Meter
Client sample ID	:	Serial No. 18L104181
Test required	:	Calibration of the YSI 69201V2-M Multi-parameter Water Quality Meter

Laboratory Information

Lab. sample ID	:	WA191408/1
Date sample received	:	28/06/2019
Date of calibration	:	03/07/2019
Next calibration date	:	02/10/2019
Test method used	:	In-house comparison method

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Website : www.fugro.com

MateriaLab

Report No. : 142626WA191408

Results :

A. pH calibration

pH reading at 22°C for Q.C. solution(6.86) and at 22°C for Q.C. solution(9.18)		
Theoretical	Measured	Deviation
9.18	9.18	0.00
6.86	6.78	-0.08

B. Salinity calibration

Salinity, ppt			
Theoretical	Measured	Deviation	Maximum acceptable Deviation
10	10.1	+0.1	± 0.5
20	20.3	+0.3	± 1.0
30	30.2	+0.2	± 1.5
40	40.8	+0.8	± 2.0

C. Dissolved Oxygen calibration

Trial No.	Dissolved oxygen content, mg/L	
	By Titration	By D.O. meter
1	8.02	8.20
2	7.99	8.13
3	7.92	8.10
Average	7.98	8.14

Differences of D.O. Content between Winkler Titration and D.O. meter should be less than 0.2 mg/L

Certified by : _____
Approved Signatory : HO Kin Man, John
Assistant General Manager – Laboratories

Date : 11/7/2019

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MateriaLab

Report No. : 142626WA191408

Results :

D. Temperature calibration

Thermometer reading, °C	Meter reading, °C
22.2	22.13

E. Turbidity calibration

Turbidity, N.T.U.			
Theoretical	Measured	Deviation	Maximum acceptable Deviation
0	0.0	0.0	± 0.5
4	4.4	+0.4	± 0.6
8	7.6	-0.4	± 0.8
40	39.7	-0.3	± 3.0
80	80.0	0.0	± 4.0

Certified by : _____
Approved Signatory : HO Kin Man, John
Assistant General Manager – Laboratories

Date : 11/7/2019

** End of Report **

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Hong Kong

Report No. : 142626WA192091

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

Information Supplied by Client

Client	:	Fugro Technical Services Limited (MCL)
Client's address	:	Rm. 723-726, 7/F, Profit Industrial Building, No. 1-15, Kwai Fung Crescent, Kwai Chung, N.T.
Sample description	:	One YSI 69201V2-M Multi-parameter Water Quality Meter
Client sample ID	:	Serial No. 14A102907
Test required	:	Calibration of the YSI 69201V2-M Multi-parameter Water Quality Meter

Laboratory Information

Lab. sample ID	:	WA192091/1
Date sample received	:	23/09/2019
Date of calibration	:	30/09/2019
Next calibration date	:	29/12/2019
Test method used	:	In-house comparison method

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Report No. : 142626WA192091

Results :

A. pH calibration

pH reading at 25°C for Q.C. solution(6.86) and at 24°C for Q.C. solution(9.18)		
Theoretical	Measured	Deviation
9.18	9.18	0.00
6.86	6.87	+0.01

B. Salinity calibration

Salinity, ppt			
Theoretical	Measured	Deviation	Maximum acceptable Deviation
10	10.02	+0.02	± 0.5
20	20.13	+0.13	± 1.0
30	30.04	+0.04	± 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	8.20	8.02
2	8.04	8.01
3	8.15	8.03
Average	8.13	8.02

Differences of D.O. Content between Wrinkler Titration and D.O. meter should be less than 0.2 mg/L

Certified by : _____
Approved Signatory : HO Kin Man, John
Assistant General Manager – Laboratories

Date : 15/10/2019

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Report No. : 142626WA192091

Results :

D. Temperature calibration

Thermometer reading, °C	Meter reading, °C
26.6	26.31

E. Turbidity calibration

Turbidity, N.T.U.			
Theoretical	Measured	Deviation	Maximum acceptable Deviation
0	-	-	± 0.5
4	4.1	+0.1	± 0.6
8	8.0	0.0	± 0.8
40	39.8	-0.2	± 3.0
80	78.3	-1.7	± 4.0

Certified by : _____
Approved Signatory : HO Kin Man, John
Assistant General Manager – Laboratories

Date : 25/10/2019

** End of Report **

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Calibration Certificate

24-hr Monitoring – SR13

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Website : www.fugro.com

MateriaLab

Report No. : 142626WA191893(1)

Report on Calibration of YSI EXO-3 Multi-parameter Water Quality Meter

Information Supplied by Client

Client	:	Fugro Technical Services Limited (MCL)
Client's address	:	Rm. 723-726, 7/F, Profit Industrial Building, No. 1-15, Kwai Fung Crescent, Kwai Chung, N.T.
Sample description	:	One YSI EXO-3 Multi-parameter Water Quality Meter
Client sample ID	:	Serial No. 19E105807
Test required	:	Calibration of the YSI EXO-3 Multi-parameter Water Quality Meter

Laboratory Information

Lab. sample ID	:	WA191893/2
Date sample received	:	02/09/2019
Date of calibration	:	06/09/2019
Next calibration date	:	05/12/2019
Test method used	:	In-house comparison method

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MateriaLab

Report No. : 142626WA191893(1)

Results :

A. pH calibration

pH reading at 21°C for Q.C. solution(6.86) and at 24°C for Q.C. solution(9.18)		
Theoretical	Measured	Deviation
9.18	9.28	+0.10
6.86	6.87	+0.01

B. Salinity calibration

Salinity, ppt			
Theoretical	Measured	Deviation	Maximum acceptable Deviation
10	10.03	+0.03	± 0.5
20	20.02	+0.02	± 1.0
30	29.97	-0.03	± 1.5
40	40.44	+0.44	± 2.0

C. Dissolved Oxygen calibration

Trial No.	Dissolved oxygen content, mg/L	
	By Titration	By D.O. meter
1	8.15	8.04
2	8.22	8.09
3	7.98	8.03
Average	8.12	8.06

Differences of D.O. Content between Wrinkler Titration and D.O. meter should be less than 0.2 mg/L

Certified by : _____
Approved Signatory : HO Kin Man, John
Assistant General Manager – Laboratories

Date : 16/9/2019

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

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MateriaLab

Report No. : 142626WA191893(1)

Results :

D. Temperature calibration

Thermometer reading, °C	Meter reading, °C
23.00	23.22

E. Turbidity calibration

Turbidity, N.T.U.			
Theoretical	Measured	Deviation	Maximum acceptable Deviation
0	-	-	± 0.5
4	4.01	+0.01	± 0.6
8	7.45	-0.55	± 0.8
40	40.53	+0.53	± 3.0
80	79.92	-0.08	± 4.0

Certified by : _____
Approved Signatory : HO Kin Man, John
Assistant General Manager – Laboratories

Date : 16/9/2019

** End of Report **

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

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Calibration Certificate

24-hr Monitoring – Micromac 1000

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MaterialLab

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
23/9/2019	12:11	0.004	0.291	0.53	N	30/9/2019	Billy
27/9/2019	12:01	0.004	0.293	0.54	N	2/10/2019	Yin Ho
30/9/2019	12:11	0.002	0.289	0.48	Y, 12.50	4/10/2019	Yin Ho
2/10/2019	11:56	0.003	0.293	0.49	N	9/10/2019	Sam F
9/10/2019	12:11	0.002	0.292	0.51	N	14/10/2019	Billy
11/10/2019	12:11	0.003	0.290	0.47	N	16/10/2019	Sam F
14/10/2019	10:26	0.003	0.293	0.53	Y, 12.49	18/10/2019	Yin Ho
18/10/2019	12:11	0.002	0.292	0.50	N	23/10/2019	Billy
21/10/2019	10:21	0.002	0.291	0.48	N	25/10/2019	Yin Ho

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

Checked by: _____
Date: 21 Oct 2019

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MaterialLab

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
23/9/2019	9:51	0.013	0.339	0.54	N	30/9/2019	Billy
27/9/2019	10:01	0.014	0.337	0.49	N	2/10/2019	Yin Ho
30/9/2019	9:56	0.015	0.337	0.47	Y, 12.17	4/10/2019	Yin Ho
2/10/2019	11:56	0.013	0.338	0.52	N	9/10/2019	Sam F
9/10/2019	10:01	0.013	0.335	0.50	N	14/10/2019	Billy
11/10/2019	10:11	0.012	0.333	0.50	N	16/10/2019	Sam F
14/10/2019	13:26	0.011	0.330	0.48	Y, 12.23	18/10/2019	Yin Ho
18/10/2019	10:06	0.012	0.332	0.51	N	23/10/2019	Billy
21/10/2019	13:26	0.010	0.331	0.52	N	25/10/2019	Yin Ho

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

Checked by: _____
Date: 21 Oct 2019

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Report No.: 0394/13/ED/0383

Appendix E

Schedules for Routine Impact Water Quality Monitoring

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Water Quality Monitoring Schedule (Present Reporting Period)

Sun	Mon	Tue	Wed	Thur	Fri	Sat
	23 September 2019	24 Routine WQM Mid-Ebb (08:10) Mid-Flood (16:05)	25	26 Routine WQM Mid-Ebb (10:13) Mid-Flood (17:17)	27	28 Routine WQM Mid-Flood (05:23) Mid-Ebb (11:52)
29	30	1 October 2019 Routine WQM Mid-Flood (07:59) Mid-Ebb (14:09)	2	3 Routine WQM Mid-Flood (09:55) Mid-Ebb (15:49)	4	5 Routine WQM Mid-Ebb (04:56) Mid-Flood (12:36)
6	7	8 Routine WQM Mid-Ebb (08:31) Mid-Flood (16:35)	9	10 Routine WQM Mid-Ebb (10:23) Mid-Flood (17:23)	11	12 Routine WQM Mid-Flood (05:14) Mid-Ebb (11:34)
13	14	15 Routine WQM Mid-Flood (07:10) Mid-Ebb (13:10)	16	17 Routine WQM Mid-Flood (08:31) Mid-Ebb (14:18)	18	19 Routine WQM Mid-Flood (10:12) Mid-Ebb (15:30)
20	21	22 Routine WQM Mid-Ebb (05:54) Mid-Flood (19:54)				

Remarks

1. According to the approved proposal (Ref: 0394/13ED/0370G), routine impact water quality monitoring locations were SR4, SR5, SR12, SR13, G2, C1A and C2A.

Water Quality Monitoring Schedule (Next Reporting Period)

Sun	Mon	Tue	Wed	Thur	Fri	Sat
			23 October 2019	24 Routine WQM Mid-Ebb (08:53) Mid-Flood (16:06)	25	26 Routine WQM Mid-Ebb (10:45) Mid-Flood (17:09)
27	28	29 Routine WQM Mid-Flood (07:05) Mid-Ebb (13:07)	30	31 Routine WQM Mid-Flood (08:55) Mid-Ebb (14:43)	1 November 2019	2 Routine WQM Mid-Flood (10:56) Mid-Ebb (16:15)
3	4	5 Routine WQM Mid-Ebb (06:26) Mid-Flood (15:13)	6	7 Routine WQM Mid-Ebb (08:36) Mid-Flood (16:09)	8	9 Routine WQM Mid-Ebb (10:23) Mid-Flood (16:57)
10	11	12 Routine WQM Mid-Ebb (12:09) Mid-Flood (17:55)	13	14 Routine WQM Mid-Flood (07:41) Mid-Ebb (13:19)	15	16 Routine WQM Mid-Flood (09:13) Mid-Ebb (14:23)
17	18	19 Routine WQM Mid-Ebb (04:07) Mid-Flood (17:00)	20	21 Routine WQM Mid-Ebb (07:05) Mid-Flood (14:43)	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 (Ref: 0394/13ED/0370G), routine impact water quality monitoring locations are SR4, SR5, SR12, SR13, G2, C1A and C2A.

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Report No.: 0394/13/ED/0383

Appendix F

Water Quality Monitoring Results and Graphical Presentation – Routine Impact Monitoring

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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	Value	Ave.	Depth	Value	Ave.	Depth				Value	Ave.	Depth
C1A	24/9/2019	Mid-Flood	Fine	Moderate	12:10	28	S	1	1	8.49	8.49	29.11	29.11	28.88	28.88	102.6	102.8	6.83	6.87	6.32	3.9	3.9		0.14	0.14		0.022	0.022		0.14	0.03	0.04	0.21	0.21	
C1A	24/9/2019	Mid-Flood	Fine	Moderate	12:10	28	S	1	2	8.49		29.11		28.88		103.0		6.90			3.9			0.14			0.022			0.14	0.03	0.04	0.21		
C1A	24/9/2019	Mid-Flood	Fine	Moderate	12:10	28	S	1	3																					0.14	0.03	0.04	0.21		
C1A	24/9/2019	Mid-Flood	Fine	Moderate	12:10	28	M	14	1	8.48	8.48	29.61	29.61	28.94	28.94	87.8	88.0	5.75	5.77		3.6	3.5	3.6	0.15	0.16	0.15	0.023	0.024	0.023	0.15	0.03	0.04	0.22	0.22	0.22
C1A	24/9/2019	Mid-Flood	Fine	Moderate	12:10	28	M	14	2	8.48		29.61		28.94		88.2		5.78			3.4			0.16			0.025			0.16	0.03	0.04	0.23		
C1A	24/9/2019	Mid-Flood	Fine	Moderate	12:10	28	M	14	3																					0.15	0.03	0.04	0.22		
C1A	24/9/2019	Mid-Flood	Fine	Moderate	12:10	28	B	27	1	8.47	8.47	29.69	29.69	28.90	28.90	85.5	85.7	5.59	5.60		3.4	3.4		0.14	0.15		0.021	0.022		0.14	0.04	0.04	0.22	0.23	
C1A	24/9/2019	Mid-Flood	Fine	Moderate	12:10	28	B	27	2	8.47		29.69		28.90		85.9		5.60			3.4			0.15			0.023			0.15	0.04	0.04	0.23		
C1A	24/9/2019	Mid-Flood	Fine	Moderate	12:10	28	B	27	3																					0.15	0.04	0.04	0.23		
C2A	24/9/2019	Mid-Flood	Fine	Moderate	14:12	13	S	1	1	8.42	8.42	31.23	31.23	29.23	29.23	75.6	75.4	4.87	4.85	4.89	3.6	3.5	3.6	0.22	0.23	0.22	0.031	0.032	0.031	0.22	0.03	0.02	0.27	0.27	0.28
C2A	24/9/2019	Mid-Flood	Fine	Moderate	14:12	13	S	1	2	8.42		31.23		29.23		75.2		4.83			3.5			0.23			0.032			0.23	0.03	0.02	0.28		
C2A	24/9/2019	Mid-Flood	Fine	Moderate	14:12	13	S	1	3																					0.22	0.03	0.02	0.27		
C2A	24/9/2019	Mid-Flood	Fine	Moderate	14:12	13	M	6.5	1	8.42	8.42	31.29	31.29	29.20	29.20	76.1	76.3	4.91	4.93		4.1	4.1	4.1	0.24	0.23	0.22	0.033	0.032	0.031	0.24	0.04	0.02	0.30	0.29	0.28
C2A	24/9/2019	Mid-Flood	Fine	Moderate	14:12	13	M	6.5	2	8.42		31.29		29.20		76.5		4.94			4.1			0.22			0.031			0.22	0.04	0.02	0.28		
C2A	24/9/2019	Mid-Flood	Fine	Moderate	14:12	13	M	6.5	3																					0.23	0.04	0.02	0.29		
C2A	24/9/2019	Mid-Flood	Fine	Moderate	14:12	13	B	12	1	8.42	8.42	31.37	31.37	29.18	29.18	77.2	77.4	4.97	4.99		4.5	4.6		0.21	0.21		0.029	0.029		0.21	0.05	0.03	0.29	0.29	
C2A	24/9/2019	Mid-Flood	Fine	Moderate	14:12	13	B	12	2	8.42		31.37		29.18		77.6		5.01			4.6			0.21			0.029			0.21	0.05	0.03	0.29		
C2A	24/9/2019	Mid-Flood	Fine	Moderate	14:12	13	B	12	3																					0.20	0.05	0.03	0.28		
G2	24/9/2019	Mid-Flood	Fine	Moderate	12:52	12	S	1	1	8.49	8.49	30.64	30.64	29.01	29.01	86.8	86.6	5.64	5.63	5.61	5.6	5.5	5.5	NA	NA	NA	NA	NA	NA	0.17	0.06	0.03	0.26	0.26	0.26
G2	24/9/2019	Mid-Flood	Fine	Moderate	12:52	12	S	1	2	8.49		30.64		29.01		86.4		5.62			5.5			NA			NA			0.18	0.06	0.03	0.27		
G2	24/9/2019	Mid-Flood	Fine	Moderate	12:52	12	S	1	3																					0.17	0.06	0.03	0.26		
G2	24/9/2019	Mid-Flood	Fine	Moderate	12:52	12	M	6	1	8.49	8.49	30.65	30.65	29.01	29.06	86.0	86.2	5.58	5.59		5.3	5.3		NA	NA	NA	NA	NA	NA	0.16	0.06	0.03	0.25	0.25	
G2	24/9/2019	Mid-Flood	Fine	Moderate	12:52	12	M	6	2	8.49		30.65		29.10		86.4		5.60			5.3			NA			NA			0.17	0.06	0.03	0.26		
G2	24/9/2019	Mid-Flood	Fine	Moderate	12:52	12	M	6	3																					0.16	0.06	0.03	0.25		
G2	24/9/2019	Mid-Flood	Fine	Moderate	12:52	12	B	11	1	8.49	8.49	30.87	30.87	29.04	29.04	82.5	82.7	5.35	5.37		5.8	5.8		NA	NA		NA	NA		0.17	0.07	0.03	0.27	0.27	
G2	24/9/2019	Mid-Flood	Fine	Moderate	12:52	12	B	11	2	8.49		30.87		29.04		82.8		5.38			5.8			NA			NA			0.18	0.07	0.03	0.28		
G2	24/9/2019	Mid-Flood	Fine	Moderate	12:52	12	B	11	3																					0.17	0.07	0.03	0.27		
SR4	24/9/2019	Mid-Flood	Fine	Moderate	13:10	4	S	1	1	8.49	8.49	30.91	30.91	29.14	29.14	83.0	83.5	5.41	5.43	5.43	3.8	3.8	3.8	0.21	0.21	0.22	0.033	0.033	0.035	NA	NA	NA	NA	NA	NA
SR4	24/9/2019	Mid-Flood	Fine	Moderate	13:10	4	S	1	2	8.49		30.91		29.14		83.9		5.44			3.8			0.21			0.033			NA	NA	NA	NA		
SR4	24/9/2019	Mid-Flood	Fine	Moderate	13:10	4	S	1	3																					NA	NA	NA	NA		
SR4	24/9/2019	Mid-Flood	Fine	Moderate	13:10	4	M		1																					NA	NA	NA	NA		
SR4	24/9/2019	Mid-Flood	Fine	Moderate	13:10	4	M		2		NA		NA		NA		NA		NA			NA	4.5		NA	0.22		NA	0.035	NA	NA	NA	NA	NA	NA
SR4	24/9/2019	Mid-Flood	Fine	Moderate	13:10	4	M		3																					NA	NA	NA	NA		
SR4	24/9/2019	Mid-Flood	Fine	Moderate	13:10	4	B	3	1	8.49	8.49	30.95	30.95	29.11	29.11	82.9	83.0	5.31	5.32		5.1	5.2		0.23	0.23		0.036	0.036		NA	NA	NA	NA	NA	
SR4	24/9/2019	Mid-Flood	Fine	Moderate	13:10	4	B	3	2	8.49		30.95		29.11		83.0		5.32			5.2			0.23			0.036			NA	NA	NA	NA		
SR4	24/9/2019	Mid-Flood	Fine	Moderate	13:10	4	B	3	3																					NA	NA	NA	NA		
SR5	24/9/2019	Mid-Flood	Fine	Moderate	12:32	11	S	1	1	8.54	8.54	29.31	29.31	28.81	28.81	105.5	105.7	6.93	6.97	6.85	2.5	2.5	2.8	NA	NA	NA	NA	NA	NA	0.17	0.08	0.03	0.28	0.28	0.28
SR5	24/9/2019	Mid-Flood	Fine	Moderate	12:32	11	S	1	2	8.54		29.30		28.81		105.8		7.00			2.5			NA			NA			0.17	0.08	0.03	0.28		
SR5	24/9/2019	Mid-Flood	Fine	Moderate	12:32	11	S	1	3																					0.17	0.08	0.03	0.28		
SR5	24/9/2019	Mid-Flood	Fine	Moderate	12:32	11	M	5.5	1	8.53	8.53	29.17	29.17	28.80	28.80	102.3	102.4	6.71	6.73		3.0	3.0		NA	NA	NA	NA	NA	NA	0.16	0.09	0.03	0.28	0.28	
SR5	24/9/2019	Mid-Flood	Fine	Moderate	12:32	11	M	5.5	2	8.53		29.17		28.80		102.5		6.75			3.0			NA			NA			0.16	0.09	0.03	0.28		
SR5	24/9/2019	Mid-Flood	Fine	Moderate	12:32	11	M	5.5	3																					0.16	0.09	0.03	0.28		
SR5	24/9/2019	Mid-Flood	Fine	Moderate	12:32	11	B	10	1	8.53	8.53	29.20	29.20	28.78	28.78	101.2	101.4	6.65	6.66		3.0	3.0		NA	NA		NA	NA		0.16	0.09	0.04	0.29	0.29	
SR5	24/9/2019	Mid-Flood	Fine	Moderate	12:32	11	B	10	2	8.53		29.20		28.78		101.5		6.67			3.0			NA			NA			0.16	0.09	0.04	0.29		
SR5	24/9/2019	Mid-Flood	Fine	Moderate	12:32	11	B	10	3																					0.16	0.09	0.04	0.29		
SR12	24/9/2019	Mid-Flood	Fine	Moderate	13:30	15	S	1	1	8.47	8.47	31.08	31.08	29.19	29.19	77.6	77.5	5.01	5.00	5.00	5.5	5.4	5.5	0.20	0.20	0.21	0.031	0.031	0.032	NA	NA	NA	NA	NA	NA
SR12	24/9/2019	Mid-Flood	Fine	Moderate	13:30	15	S	1	2	8.47		31.08		29.19		77.4		4.99			5.3			0.20			0.031			NA	NA	NA	NA		
SR12	24/9/2019	Mid-Flood	Fine	Moderate	13:30	15	S	1	3																					NA	NA	NA	NA		
SR12	24/9/2019	Mid-Flood	Fine	Moderate	13:30	15	M	7.5	1	8.47	8.47	31.07	31.07	29.19	29.19	77.3	77.5	4.99	5.00		5.9	5.9		0.21	0.21		0.032	0.032		NA	NA	NA	NA	NA	NA
SR12	24/9/2019	Mid-Flood	Fine	Moderate	13:30	15	M	7.5	2	8.47		31.07		29.19		77.6		5.01			5.9			0.21			0.032			NA	NA	NA	NA		
SR12	24/9/2019	Mid-Flood	Fine	Moderate	13:30	15	M	7.5	3																					NA	NA	NA	NA		
SR12	24/9/2019	Mid-Flood	Fine	Moderate	13:30	15	B	14	1	8.47	8.47	31.07	31.07	29.19	29.19	77.1	77.3	4.98	5.00		5.3	5.3		0.22	0.22		0.034	0.034		NA	NA	NA	NA	NA	
SR12	24/9/2019	Mid-Flood	Fine	Moderate	13:30	15	B	14	2	8.47		31.07		29.19		77.5		5.01			5.3			0.22			0.034			NA	NA	NA	NA		
SR12	24/9/2019	Mid-Flood	Fine	Moderate	13:30	15	B	14	3																					NA	NA	NA	NA		
SR13	24/9/2019	Mid-Flood	Fine	Moderate	13:50	14	S	1	1	8.44	8.44	30.70	30.83	29.27	29.27	71.7	71.9	4.63	4.65	4.62	4.3	4.3	5.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	24/9/2019	Mid-Flood	Fine	Moderate	13:50	14	S	1	2	8.44		30.96		29.27		72.0		4.66			4.3			NA			NA			NA	NA	NA	NA		
SR13	24/9/2019	Mid-Flood	Fine	Moderate	13:50	14	S	1	3																					NA	NA	NA	NA		
SR13	24/9/2019	Mid-Flood	Fine	Moderate	13:50	14	M	7	1	8.44	8.44	31.04	31.04	29.21	29.21	71.1	71.2	4.59	4.59		5.4	5.5		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	24/9/2019	Mid-Flood	Fine	Moderate	13:50	14	M	7	2	8.44		31.04		29.21		71.2		4.59			5.5			NA			NA			NA	NA	NA	NA		
SR13	24/9/2019	Mid-Flood	Fine	Moderate	13:50	14	M	7	3																					NA	NA	NA	NA		
SR13	24/9/2019	Mid-Flood	Fine	Moderate	13:50	14	B	13	1	8.44	8.44	31.10	31.10	29.22	29.22	71.1	71.3	4.58	4.60		5.8	5.9		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	24/9/2019	Mid-Flood	Fine	Moderate	13:50	14	B	13	2	8.44		31.10		29.22		71.4		4.61			5.9			NA			NA			NA	NA	NA	NA		
SR13	24/9/2019	Mid-Flood	Fine	Moderate	13:50	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 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	24/9/2019	Mid-Flood	Fine	Moderate	12:10	28	S	1	1	8			0.13			0.021			0.13	0.04	0.04	0.21			1			NA			4		
C1A	24/9/2019	Mid-Flood	Fine	Moderate	12:10	28	S	1	2	7	8		0.13	0.13		0.021	0.021		0.13	0.03	0.04	0.20	0.20		1	1		NA	NA		4	4	
C1A	24/9/2019	Mid-Flood	Fine	Moderate	12:10	28	S	1	3										0.13	0.03	0.04	0.20											
C1A	24/9/2019	Mid-Flood	Fine	Moderate	12:10	28	M	14	1	8			0.13			0.020			0.13	0.03	0.04	0.20			2			NA			1		
C1A	24/9/2019	Mid-Flood	Fine	Moderate	12:10	28	M	14	2	6	7	7	0.13	0.13	0.13	0.020	0.020	0.020	0.13	0.03	0.04	0.20	0.21	0.20	2	2	2	NA	NA	NA	1	1	2
C1A	24/9/2019	Mid-Flood	Fine	Moderate	12:10	28	M	14	3										0.15	0.03	0.04	0.22											
C1A	24/9/2019	Mid-Flood	Fine	Moderate	12:10	28	B	27	1	6			0.14			0.021			0.14	0.03	0.04	0.21			3			NA			1		
C1A	24/9/2019	Mid-Flood	Fine	Moderate	12:10	28	B	27	2	8	7		0.13	0.14		0.020	0.020		0.13	0.03	0.04	0.20	0.20		2	2		NA	NA		1	1	
C1A	24/9/2019	Mid-Flood	Fine	Moderate	12:10	28	B	27	3										0.13	0.03	0.03	0.19											
C2A	24/9/2019	Mid-Flood	Fine	Moderate	14:12	13	S	1	1	8			0.21			0.029			0.21	0.03	0.02	0.26			34			NA			<1		
C2A	24/9/2019	Mid-Flood	Fine	Moderate	14:12	13	S	1	2	7	8		0.23	0.22		0.032	0.031		0.23	0.03	0.02	0.28	0.27		31	32		NA	NA		<1	1	
C2A	24/9/2019	Mid-Flood	Fine	Moderate	14:12	13	S	1	3										0.20	0.04	0.02	0.26											
C2A	24/9/2019	Mid-Flood	Fine	Moderate	14:12	13	M	6.5	1	6			0.20			0.028			0.20	0.04	0.02	0.26			25			NA			<1		
C2A	24/9/2019	Mid-Flood	Fine	Moderate	14:12	13	M	6.5	2	7	7	7	0.20	0.20	0.21	0.028	0.028	0.029	0.20	0.04	0.02	0.26	0.26	0.27	20	22	28	NA	NA	NA	<1	1	1
C2A	24/9/2019	Mid-Flood	Fine	Moderate	14:12	13	M	6.5	3										0.21	0.04	0.02	0.27											
C2A	24/9/2019	Mid-Flood	Fine	Moderate	14:12	13	B	12	1	6			0.20			0.028			0.20	0.04	0.02	0.26			27			NA			<1		
C2A	24/9/2019	Mid-Flood	Fine	Moderate	14:12	13	B	12	2	6	6		0.21	0.21		0.029	0.028		0.21	0.05	0.02	0.28	0.27		36	31		NA	NA		<1	1	
C2A	24/9/2019	Mid-Flood	Fine	Moderate	14:12	13	B	12	3										0.19	0.05	0.02	0.26											
G2	24/9/2019	Mid-Flood	Fine	Moderate	12:52	12	S	1	1	13			NA			NA			0.16	0.05	0.03	0.24			NA			NA			NA		
G2	24/9/2019	Mid-Flood	Fine	Moderate	12:52	12	S	1	2	11	12		NA	NA		NA	NA		0.16	0.06	0.03	0.25	0.25		NA	NA		NA	NA		NA	NA	
G2	24/9/2019	Mid-Flood	Fine	Moderate	12:52	12	S	1	3										0.17	0.06	0.03	0.26											
G2	24/9/2019	Mid-Flood	Fine	Moderate	12:52	12	M	6	1	11			NA			NA			0.15	0.06	0.03	0.24			NA			NA			NA		
G2	24/9/2019	Mid-Flood	Fine	Moderate	12:52	12	M	6	2	10	11	11	NA	NA	NA	NA	NA	NA	0.16	0.06	0.03	0.25	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	24/9/2019	Mid-Flood	Fine	Moderate	12:52	12	M	6	3										0.17	0.06	0.03	0.26											
G2	24/9/2019	Mid-Flood	Fine	Moderate	12:52	12	B	11	1	9			NA			NA			0.16	0.06	0.03	0.25			NA			NA			NA		
G2	24/9/2019	Mid-Flood	Fine	Moderate	12:52	12	B	11	2	11	10		NA	NA		NA	NA		0.16	0.06	0.03	0.25	0.26		NA	NA		NA	NA		NA	NA	
G2	24/9/2019	Mid-Flood	Fine	Moderate	12:52	12	B	11	3										0.18	0.06	0.03	0.27											
SR4	24/9/2019	Mid-Flood	Fine	Moderate	13:10	4	S	1	1	9			0.21			0.033			NA	NA	NA	NA			1400			NA			<1		
SR4	24/9/2019	Mid-Flood	Fine	Moderate	13:10	4	S	1	2	8	9		0.20	0.21		0.032	0.033		NA	NA	NA	NA	NA		1300	1349		NA	NA		<1	1	
SR4	24/9/2019	Mid-Flood	Fine	Moderate	13:10	4	S	1	3										NA	NA	NA	NA											
SR4	24/9/2019	Mid-Flood	Fine	Moderate	13:10	4	M		1										NA	NA	NA	NA						NA			NA		
SR4	24/9/2019	Mid-Flood	Fine	Moderate	13:10	4	M		2		NA	9		NA	0.21		NA	0.033	NA	NA	NA	NA	NA	NA		NA	1245	NA	NA	NA		NA	1
SR4	24/9/2019	Mid-Flood	Fine	Moderate	13:10	4	M		3										NA	NA	NA	NA											
SR4	24/9/2019	Mid-Flood	Fine	Moderate	13:10	4	B	3	1	10			0.22			0.035			NA	NA	NA	NA			1200			NA			<1		
SR4	24/9/2019	Mid-Flood	Fine	Moderate	13:10	4	B	3	2	9	10		0.19	0.21		0.030	0.033		NA	NA	NA	NA	NA		1100	1149		NA	NA		<1	1	
SR4	24/9/2019	Mid-Flood	Fine	Moderate	13:10	4	B	3	3										NA	NA	NA	NA											
SR5	24/9/2019	Mid-Flood	Fine	Moderate	12:32	11	S	1	1	6			NA			NA			0.16	0.08	0.03	0.27			NA			NA			NA		
SR5	24/9/2019	Mid-Flood	Fine	Moderate	12:32	11	S	1	2	7	7		NA	NA		NA	NA		0.15	0.08	0.03	0.26	0.27		NA	NA		NA	NA		NA	NA	
SR5	24/9/2019	Mid-Flood	Fine	Moderate	12:32	11	S	1	3										0.17	0.08	0.03	0.28											
SR5	24/9/2019	Mid-Flood	Fine	Moderate	12:32	11	M	5.5	1	9			NA			NA			0.16	0.08	0.03	0.27			NA			NA			NA		
SR5	24/9/2019	Mid-Flood	Fine	Moderate	12:32	11	M	5.5	2	9	9	8	NA	NA	NA	NA	NA	NA	0.15	0.08	0.03	0.26	0.27	0.27	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	24/9/2019	Mid-Flood	Fine	Moderate	12:32	11	M	5.5	3										0.16	0.08	0.03	0.27											
SR5	24/9/2019	Mid-Flood	Fine	Moderate	12:32	11	B	10	1	9			NA			NA			0.16	0.08	0.03	0.27			NA			NA			NA		
SR5	24/9/2019	Mid-Flood	Fine	Moderate	12:32	11	B	10	2	8	9		NA	NA		NA	NA		0.15	0.08	0.03	0.26	0.27		NA	NA		NA	NA		NA	NA	
SR5	24/9/2019	Mid-Flood	Fine	Moderate	12:32	11	B	10	3										0.16	0.08	0.03	0.27											
SR12	24/9/2019	Mid-Flood	Fine	Moderate	13:30	15	S	1	1	11			0.19			0.029			NA	NA	NA	NA			1400			NA			<1		
SR12	24/9/2019	Mid-Flood	Fine	Moderate	13:30	15	S	1	2	11	11		0.18	0.19		0.028	0.028		NA	NA	NA	NA	NA		1700	1543		NA	NA		<1	1	
SR12	24/9/2019	Mid-Flood	Fine	Moderate	13:30	15	S	1	3										NA	NA	NA	NA											
SR12	24/9/2019	Mid-Flood	Fine	Moderate	13:30	15	M	7.5	1	10			0.22			0.034			NA	NA	NA	NA			1200			NA			<1		
SR12	24/9/2019	Mid-Flood	Fine	Moderate	13:30	15	M	7.5	2	11	11	9	0.2	0.21	0.20	0.031	0.032	0.031	NA	NA	NA	NA	NA	NA	1600	1386	1384	NA	NA	NA	<1	1	1
SR12	24/9/2019	Mid-Flood	Fine	Moderate	13:30	15	M	7.5	3										NA	NA	NA	NA											
SR12	24/9/2019	Mid-Flood	Fine	Moderate	13:30	15	B	14	1	6			0.21			0.032			NA	NA	NA	NA			1400			NA			<1		
SR12	24/9/2019	Mid-Flood	Fine	Moderate	13:30	15	B	14	2	6	6		0.21	0.21		0.032	0.032		NA	NA	NA	NA	NA		1100	1241		NA	NA		<1	1	
SR12	24/9/2019	Mid-Flood	Fine	Moderate	13:30	15	B	14	3										NA	NA	NA	NA											
SR13	24/9/2019	Mid-Flood	Fine	Moderate	13:50	14	S	1	1	10			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	24/9/2019	Mid-Flood	Fine	Moderate	13:50	14	S	1	2	11	11		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	24/9/2019	Mid-Flood	Fine	Moderate	13:50	14	S	1	3										NA	NA	NA	NA											
SR13	24/9/2019	Mid-Flood	Fine	Moderate	13:50	14	M	7	1	11			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	24/9/2019	Mid-Flood	Fine	Moderate	13:50	14	M	7	2	11	11	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	24/9/2019	Mid-Flood	Fine	Moderate	13:50	14	M	7	3										NA	NA	NA	NA											
SR13	24/9/2019	Mid-Flood	Fine	Moderate	13:50	14	B	13	1	10			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	24/9/2019	Mid-Flood	Fine	Moderate	13:50	14	B	13	2	9	10		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	24/9/2019	Mid-Flood	Fine	Moderate	13:50	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 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-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth	Value	Ave.	Depth	Value	Ave.	Depth	Value	Value	Value	Value	Ave.	Depth
C1A	24/9/2019	Mid-Ebb	Fine	Moderate	11:30	28	S	1	1	8.54		29.07		28.90		102.9		6.75			3.0			0.13			0.022			0.13	0.03	0.04	0.20		
C1A	24/9/2019	Mid-Ebb	Fine	Moderate	11:30	28	S	1	2	8.50	8.52	29.07	29.07	28.90	28.90	103.4	103.2	6.79	6.77		3.0	3.0		0.13	0.13		0.022	0.022		0.13	0.03	0.04	0.20	0.20	
C1A	24/9/2019	Mid-Ebb	Fine	Moderate	11:30	28	S	1	3											6.27										0.13	0.03	0.04	0.20		
C1A	24/9/2019	Mid-Ebb	Fine	Moderate	11:30	28	M	14	1	8.51		29.49		28.93		90.9		5.93			3.6			0.14			0.023			0.14	0.03	0.04	0.21		
C1A	24/9/2019	Mid-Ebb	Fine	Moderate	11:30	28	M	14	2	8.51	8.51	29.49	29.49	28.93	28.93	91.2	91.1	5.61	5.77		3.6	3.6	3.4	0.14	0.14	0.14	0.023	0.023	0.023	0.14	0.03	0.04	0.21	0.21	0.22
C1A	24/9/2019	Mid-Ebb	Fine	Moderate	11:30	28	M	14	3																					0.14	0.03	0.04	0.21		
C1A	24/9/2019	Mid-Ebb	Fine	Moderate	11:30	28	B	27	1	8.48		29.60		28.92		86.8		5.66			3.6			0.15			0.023			0.15	0.04	0.05	0.24		
C1A	24/9/2019	Mid-Ebb	Fine	Moderate	11:30	28	B	27	2	8.48	8.48	29.64	29.62	28.92	28.92	86.8	86.8	5.66	5.66		3.6	3.6		0.15	0.15		0.023	0.023		0.15	0.04	0.05	0.24	0.24	
C1A	24/9/2019	Mid-Ebb	Fine	Moderate	11:30	28	B	27	3																					0.14	0.04	0.05	0.23		
C2A	24/9/2019	Mid-Ebb	Fine	Moderate	9:30	13	S	1	1	8.34		31.24		29.22		76.5		4.92			3.7			0.21			0.025			0.21	0.03	0.02	0.26		
C2A	24/9/2019	Mid-Ebb	Fine	Moderate	9:30	13	S	1	2	8.34	8.34	31.24	31.24	29.22	29.22	76.8	76.7	4.97	4.95		3.7	3.7		0.21	0.21		0.025	0.025		0.21	0.03	0.02	0.26	0.26	
C2A	24/9/2019	Mid-Ebb	Fine	Moderate	9:30	13	S	1	3																					0.21	0.03	0.02	0.26		
C2A	24/9/2019	Mid-Ebb	Fine	Moderate	9:30	13	M	6.5	1	8.38		31.25		29.21		75.8		4.89		4.92	3.9			0.21			0.027			0.21	0.04	0.02	0.27		
C2A	24/9/2019	Mid-Ebb	Fine	Moderate	9:30	13	M	6.5	2	8.38	8.38	31.25	31.25	29.21	29.21	76.0	75.9	4.90	4.90		4.0	4.0	4.1	0.21	0.21	0.21	0.027	0.027	0.027	0.21	0.04	0.02	0.27	0.27	0.27
C2A	24/9/2019	Mid-Ebb	Fine	Moderate	9:30	13	M	6.5	3																					0.21	0.04	0.02	0.27		
C2A	24/9/2019	Mid-Ebb	Fine	Moderate	9:30	13	B	12	1	8.41		31.32		29.19		76.3		4.93			4.6			0.22			0.030			0.22	0.04	0.03	0.29		
C2A	24/9/2019	Mid-Ebb	Fine	Moderate	9:30	13	B	12	2	8.41	8.41	31.32	31.32	29.19	29.19	76.8	76.6	4.97	4.95		4.6	4.6		0.22	0.22		0.030	0.030		0.22	0.04	0.03	0.29	0.29	
C2A	24/9/2019	Mid-Ebb	Fine	Moderate	9:30	13	B	12	3																					0.22	0.04	0.03	0.29		
G2	24/9/2019	Mid-Ebb	Fine	Moderate	10:42	12	S	1	1	8.51		30.73		29.11		86.4		5.59			4.9			NA			NA			0.15	0.05	0.03	0.23		
G2	24/9/2019	Mid-Ebb	Fine	Moderate	10:42	12	S	1	2	8.51	8.51	30.73	30.73	29.11	29.11	86.8	86.6	5.62	5.61		5.0	5.0		NA	NA		NA	NA		0.16	0.05	0.03	0.24	0.24	
G2	24/9/2019	Mid-Ebb	Fine	Moderate	10:42	12	S	1	3											5.55										0.16	0.05	0.03	0.24		
G2	24/9/2019	Mid-Ebb	Fine	Moderate	10:42	12	M	6	1	8.49		30.82		29.06		84.9		5.51			4.6			NA			NA			0.17	0.05	0.03	0.25		
G2	24/9/2019	Mid-Ebb	Fine	Moderate	10:42	12	M	6	2	8.49	8.49	30.82	30.82	29.06	29.06	84.5	84.7	5.48	5.50		4.6	4.6	4.8	NA	NA	NA	NA	NA	NA	0.17	0.05	0.03	0.25	0.25	0.25
G2	24/9/2019	Mid-Ebb	Fine	Moderate	10:42	12	M	6	3																					0.17	0.05	0.03	0.25		
G2	24/9/2019	Mid-Ebb	Fine	Moderate	10:42	12	B	11	1	8.49		30.83		29.06		85.6		5.53			4.9			NA			NA			0.17	0.06	0.04	0.27		
G2	24/9/2019	Mid-Ebb	Fine	Moderate	10:42	12	B	11	2	8.49	8.49	30.83	30.83	29.06	29.06	85.4	85.5	5.50	5.52		4.8	4.9		NA	NA		NA	NA		0.17	0.06	0.04	0.27	0.27	
G2	24/9/2019	Mid-Ebb	Fine	Moderate	10:42	12	B	11	3																					0.17	0.06	0.04	0.27		
SR4	24/9/2019	Mid-Ebb	Fine	Moderate	10:25	4	S	1	1	8.51		30.88		29.14		84.4		5.46			3.7			0.21			0.035			NA	NA	NA	NA		
SR4	24/9/2019	Mid-Ebb	Fine	Moderate	10:25	4	S	1	2	8.51	8.51	30.88	30.88	29.14	29.14	84.8	84.6	5.44	5.45		3.6	3.6		0.21	0.21		0.035	0.035		NA	NA	NA	NA	NA	
SR4	24/9/2019	Mid-Ebb	Fine	Moderate	10:25	4	S	1	3											5.45										NA	NA	NA	NA		
SR4	24/9/2019	Mid-Ebb	Fine	Moderate	10:25	4	M		1																					NA	NA	NA	NA		
SR4	24/9/2019	Mid-Ebb	Fine	Moderate	10:25	4	M		2		NA		NA		NA		NA		NA			NA	4.3		NA	0.22		NA	0.035	NA	NA	NA	NA	NA	NA
SR4	24/9/2019	Mid-Ebb	Fine	Moderate	10:25	4	M		3																					NA	NA	NA	NA		
SR4	24/9/2019	Mid-Ebb	Fine	Moderate	10:25	4	B	3	1	8.49		30.97		29.11		82.4		5.35			5.0			0.22			0.035			NA	NA	NA	NA		
SR4	24/9/2019	Mid-Ebb	Fine	Moderate	10:25	4	B	3	2	8.49	8.49	30.97	30.97	29.11	29.11	83.0	82.7	5.39	5.37		5.0	5.0		0.22	0.22		0.035	0.035		NA	NA	NA	NA	NA	
SR4	24/9/2019	Mid-Ebb	Fine	Moderate	10:25	4	B	3	3																					NA	NA	NA	NA		
SR5	24/9/2019	Mid-Ebb	Fine	Moderate	10:59	11	S	1	1	8.56		29.05		28.88		106.8		6.99			2.5			NA			NA			0.16	0.07	0.03	0.26		
SR5	24/9/2019	Mid-Ebb	Fine	Moderate	10:59	11	S	1	2	8.56	8.56	29.05	29.05	28.88	28.88	107.2	107.0	7.01	7.00		2.6	2.6		NA	NA		NA	NA		0.16	0.07	0.03	0.26	0.26	
SR5	24/9/2019	Mid-Ebb	Fine	Moderate	10:59	11	S	1	3											6.84										0.16	0.07	0.03	0.26		
SR5	24/9/2019	Mid-Ebb	Fine	Moderate	10:59	11	M	5.5	1	8.54		29.17		28.81		102.6		6.74			2.5			NA			NA			0.17	0.07	0.03	0.27		
SR5	24/9/2019	Mid-Ebb	Fine	Moderate	10:59	11	M	5.5	2	8.54	8.54	29.17	29.17	28.81	28.81	101.4	102.0	6.62	6.68		2.5	2.5	2.5	NA	NA	NA	NA	NA	NA	0.17	0.07	0.03	0.27	0.27	0.28
SR5	24/9/2019	Mid-Ebb	Fine	Moderate	10:59	11	M	5.5	3																					0.17	0.07	0.03	0.27		
SR5	24/9/2019	Mid-Ebb	Fine	Moderate	10:59	11	B	10	1	8.53		29.19		28.79		101.8		6.68			2.5			NA			NA			0.18	0.08	0.04	0.30		
SR5	24/9/2019	Mid-Ebb	Fine	Moderate	10:59	11	B	10	2	8.53	8.53	29.19	29.19	28.79	28.79	102.0	101.9	6.69	6.69		2.6	2.6		NA	NA		NA	NA		0.18	0.08	0.04	0.30	0.30	
SR5	24/9/2019	Mid-Ebb	Fine	Moderate	10:59	11	B	10	3																					0.18	0.08	0.04	0.30		
SR12	24/9/2019	Mid-Ebb	Fine	Moderate	10:08	15	S	1	1	8.46		30.98		29.24		76.2		4.91			5.7			0.21			0.032			NA	NA	NA	NA		
SR12	24/9/2019	Mid-Ebb	Fine	Moderate	10:08	15	S	1	2	8.46	8.46	30.98	30.98	29.24	29.24	76.4	76.3	4.93	4.92		5.6	5.7		0.22	0.22		0.033	0.032		NA	NA	NA	NA	NA	
SR12	24/9/2019	Mid-Ebb	Fine	Moderate	10:08	15	S	1	3											4.99										NA	NA	NA	NA		
SR12	24/9/2019	Mid-Ebb	Fine	Moderate	10:08	15	M	7.5	1	8.46		31.12		29.16		78.7		5.07			5.1			0.21			0.031			NA	NA	NA	NA		
SR12	24/9/2019	Mid-Ebb	Fine	Moderate	10:08	15	M	7.5	2	8.46	8.46	31.12	31.12	29.16	29.16	78.4	78.6	5.05	5.06		5.0	5.0	5.4	0.21	0.21	0.22	0.031	0.031	0.033	NA	NA	NA	NA	NA	NA
SR12	24/9/2019	Mid-Ebb	Fine	Moderate	10:08	15	M	7.5	3																					NA	NA	NA	NA		
SR12	24/9/2019	Mid-Ebb	Fine	Moderate	10:08	15	B	14	1	8.47		31.08		29.18		77.4		5.00			5.6			0.22			0.034			NA	NA	NA	NA		
SR12	24/9/2019	Mid-Ebb	Fine	Moderate	10:08	15	B	14	2	8.47	8.47	31.08	31.08	29.18	29.18	77.1	77.3	4.98	4.99		5.6	5.6		0.22	0.22		0.034	0.034		NA	NA	NA	NA	NA	
SR12	24/9/2019	Mid-Ebb	Fine	Moderate	10:08	15	B	14	3																					NA	NA	NA	NA		
SR13	24/9/2019	Mid-Ebb	Fine	Moderate	9:50	14	S	1	1	8.44		31.00		29.23		74.5		4.78			4.8			NA			NA			NA	NA	NA	NA		
SR13	24/9/2019	Mid-Ebb	Fine	Moderate	9:50	14	S	1	2	8.44	8.44	31.00	31.00	29.23	29.23	74.8	74.7	4.80	4.79		4.7	4.8		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	24/9/2019	Mid-Ebb	Fine	Moderate	9:50	14	S	1	3											4.72										NA	NA	NA	NA		
SR13	24/9/2019	Mid-Ebb	Fine	Moderate	9:50	14	M	7	1	8.45		31.04		29.21		71.9		4.64			5.6			NA			NA			NA	NA	NA	NA		
SR13	24/9/2019	Mid-Ebb	Fine	Moderate	9:50	14	M	7	2	8.45	8.45	31.04	31.04	29.21	29.21	72.3	72.1	4.66	4.65		5.5	5.6	5.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	24/9/2019	Mid-Ebb	Fine	Moderate	9:50	14	M	7	3																					NA	NA	NA	NA		
SR13	24/9/2019	Mid-Ebb	Fine	Moderate	9:50	14	B	13	1	8.44		31.09		29.21		71.3		4.60			6.0			NA			NA			NA	NA	NA	NA		
SR13	24/9/2019	Mid-Ebb	Fine	Moderate	9:50	14	B	13	2	8.44	8.44	31.09	31.09	29.21	29.21	71.5	71.4	4.62	4.61		6.0	6.0		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	24/9/2019	Mid-Ebb	Fine	Moderate	9:50	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 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	24/9/2019	Mid-Ebb	Fine	Moderate	11:30	28	S	1	1	9			0.12			0.020			0.12	0.05	0.04	0.21			7			NA			<1		
C1A	24/9/2019	Mid-Ebb	Fine	Moderate	11:30	28	S	1	2	8	9		0.13	0.13		0.022	0.021		0.13	0.03	0.04	0.20	0.20		5	6		NA	NA		1	1	
C1A	24/9/2019	Mid-Ebb	Fine	Moderate	11:30	28	S	1	3										0.13	0.03	0.04	0.20											
C1A	24/9/2019	Mid-Ebb	Fine	Moderate	11:30	28	M	14	1	7			0.13			0.021			0.13	0.03	0.04	0.20			1			NA			1		
C1A	24/9/2019	Mid-Ebb	Fine	Moderate	11:30	28	M	14	2	6	7	8	0.14	0.14	0.13	0.023	0.022	0.021	0.14	0.03	0.04	0.21	0.20	0.20	1	1	2	NA	NA	NA	1	1	1
C1A	24/9/2019	Mid-Ebb	Fine	Moderate	11:30	28	M	14	3										0.13	0.03	0.04	0.20											
C1A	24/9/2019	Mid-Ebb	Fine	Moderate	11:30	28	B	27	1	9			0.13			0.020			0.13	0.03	0.04	0.20			1			NA			1		
C1A	24/9/2019	Mid-Ebb	Fine	Moderate	11:30	28	B	27	2	8	9		0.13	0.13		0.020	0.020		0.13	0.03	0.04	0.20	0.20		1	1		NA	NA		1	1	
C1A	24/9/2019	Mid-Ebb	Fine	Moderate	11:30	28	B	27	3										0.12	0.03	0.04	0.19											
C2A	24/9/2019	Mid-Ebb	Fine	Moderate	9:30	13	S	1	1	7			0.21			0.025			0.21	0.02	0.02	0.25			26			NA			<1		
C2A	24/9/2019	Mid-Ebb	Fine	Moderate	9:30	13	S	1	2	7	7		0.21	0.21		0.025	0.025		0.21	0.03	0.02	0.26	0.25		29	27		NA	NA		<1	1	
C2A	24/9/2019	Mid-Ebb	Fine	Moderate	9:30	13	S	1	3										0.20	0.03	0.02	0.25											
C2A	24/9/2019	Mid-Ebb	Fine	Moderate	9:30	13	M	6.5	1	7			0.21			0.027			0.21	0.04	0.02	0.27			31			NA			<1		
C2A	24/9/2019	Mid-Ebb	Fine	Moderate	9:30	13	M	6.5	2	6	7	7	0.21	0.21	0.21	0.027	0.027	0.026	0.21	0.04	0.02	0.27	0.26	0.26	29	30	25	NA	NA	NA	<1	1	1
C2A	24/9/2019	Mid-Ebb	Fine	Moderate	9:30	13	M	6.5	3										0.19	0.04	0.02	0.25											
C2A	24/9/2019	Mid-Ebb	Fine	Moderate	9:30	13	B	12	1	7			0.21			0.029			0.21	0.04	0.02	0.27			19			NA			<1		
C2A	24/9/2019	Mid-Ebb	Fine	Moderate	9:30	13	B	12	2	8	8		0.19	0.20		0.026	0.027		0.19	0.04	0.02	0.25	0.26		20	19		NA	NA		<1	1	
C2A	24/9/2019	Mid-Ebb	Fine	Moderate	9:30	13	B	12	3										0.21	0.04	0.02	0.27											
G2	24/9/2019	Mid-Ebb	Fine	Moderate	10:42	12	S	1	1	9			NA			NA			0.15	0.05	0.03	0.23			NA			NA			NA		
G2	24/9/2019	Mid-Ebb	Fine	Moderate	10:42	12	S	1	2	10	10		NA	NA		NA	NA		0.16	0.05	0.03	0.24	0.24		NA	NA		NA	NA		NA	NA	
G2	24/9/2019	Mid-Ebb	Fine	Moderate	10:42	12	S	1	3										0.16	0.06	0.03	0.25											
G2	24/9/2019	Mid-Ebb	Fine	Moderate	10:42	12	M	6	1	9			NA			NA			0.17	0.06	0.03	0.26			NA			NA			NA		
G2	24/9/2019	Mid-Ebb	Fine	Moderate	10:42	12	M	6	2	9	9	9	NA	NA	NA	NA	NA	NA	0.17	0.05	0.03	0.25	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	24/9/2019	Mid-Ebb	Fine	Moderate	10:42	12	M	6	3										0.16	0.05	0.03	0.24											
G2	24/9/2019	Mid-Ebb	Fine	Moderate	10:42	12	B	11	1	8			NA			NA			0.17	0.06	0.03	0.26			NA			NA			NA		
G2	24/9/2019	Mid-Ebb	Fine	Moderate	10:42	12	B	11	2	8	8		NA	NA		NA	NA		0.17	0.05	0.03	0.25	0.25		NA	NA		NA	NA		NA	NA	
G2	24/9/2019	Mid-Ebb	Fine	Moderate	10:42	12	B	11	3										0.17	0.06	0.02	0.25											
SR4	24/9/2019	Mid-Ebb	Fine	Moderate	10:25	4	S	1	1	5			0.21			0.035			NA	NA	NA	NA			110			NA			<1		
SR4	24/9/2019	Mid-Ebb	Fine	Moderate	10:25	4	S	1	2	5	5		0.20	0.21		0.033	0.034		NA	NA	NA	NA	NA		140	124		NA	NA		<1	1	
SR4	24/9/2019	Mid-Ebb	Fine	Moderate	10:25	4	S	1	3										NA	NA	NA	NA											
SR4	24/9/2019	Mid-Ebb	Fine	Moderate	10:25	4	M		1										NA	NA	NA	NA											
SR4	24/9/2019	Mid-Ebb	Fine	Moderate	10:25	4	M		2		NA	5		NA	0.21		NA	0.033	NA	NA	NA	NA	NA	NA		NA	149	NA	NA	NA		NA	2
SR4	24/9/2019	Mid-Ebb	Fine	Moderate	10:25	4	M		3										NA	NA	NA	NA											
SR4	24/9/2019	Mid-Ebb	Fine	Moderate	10:25	4	B	3	1	5			0.21			0.033			NA	NA	NA	NA			170			NA			2		
SR4	24/9/2019	Mid-Ebb	Fine	Moderate	10:25	4	B	3	2	5	5		0.20	0.21		0.032	0.032		NA	NA	NA	NA	NA		190	180		NA	NA		2	2	
SR4	24/9/2019	Mid-Ebb	Fine	Moderate	10:25	4	B	3	3										NA	NA	NA	NA											
SR5	24/9/2019	Mid-Ebb	Fine	Moderate	10:59	11	S	1	1	9			NA			NA			0.16	0.07	0.03	0.26			NA			NA			NA		
SR5	24/9/2019	Mid-Ebb	Fine	Moderate	10:59	11	S	1	2	9	9		NA	NA		NA	NA		0.15	0.07	0.03	0.25	0.26		NA	NA		NA	NA		NA	NA	
SR5	24/9/2019	Mid-Ebb	Fine	Moderate	10:59	11	S	1	3										0.16	0.07	0.03	0.26											
SR5	24/9/2019	Mid-Ebb	Fine	Moderate	10:59	11	M	5.5	1	9			NA			NA			0.17	0.07	0.03	0.27			NA			NA			NA		
SR5	24/9/2019	Mid-Ebb	Fine	Moderate	10:59	11	M	5.5	2	7	8	9	NA	NA	NA	NA	NA	NA	0.16	0.07	0.03	0.26	0.27	0.26	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	24/9/2019	Mid-Ebb	Fine	Moderate	10:59	11	M	5.5	3										0.17	0.07	0.03	0.27											
SR5	24/9/2019	Mid-Ebb	Fine	Moderate	10:59	11	B	10	1	10			NA			NA			0.18	0.07	0.03	0.28			NA			NA			NA		
SR5	24/9/2019	Mid-Ebb	Fine	Moderate	10:59	11	B	10	2	9	10		NA	NA		NA	NA		0.16	0.07	0.03	0.26	0.27		NA	NA		NA	NA		NA	NA	
SR5	24/9/2019	Mid-Ebb	Fine	Moderate	10:59	11	B	10	3										0.17	0.07	0.03	0.27											
SR12	24/9/2019	Mid-Ebb	Fine	Moderate	10:08	15	S	1	1	10			0.18			0.027			NA	NA	NA	NA			1300			NA			<1		
SR12	24/9/2019	Mid-Ebb	Fine	Moderate	10:08	15	S	1	2	9	10		0.22	0.20		0.033	0.030		NA	NA	NA	NA	NA		1200	1249		NA	NA		<1	1	
SR12	24/9/2019	Mid-Ebb	Fine	Moderate	10:08	15	S	1	3										NA	NA	NA	NA											
SR12	24/9/2019	Mid-Ebb	Fine	Moderate	10:08	15	M	7.5	1	9			0.19			0.028			NA	NA	NA	NA			1500			NA			<1		
SR12	24/9/2019	Mid-Ebb	Fine	Moderate	10:08	15	M	7.5	2	9	9	9	0.17	0.18	0.18	0.025	0.027	0.028	NA	NA	NA	NA	NA	NA	1100	1285	1258	NA	NA	NA	<1	1	1
SR12	24/9/2019	Mid-Ebb	Fine	Moderate	10:08	15	M	7.5	3										NA	NA	NA	NA											
SR12	24/9/2019	Mid-Ebb	Fine	Moderate	10:08	15	B	14	1	8			0.17			0.026			NA	NA	NA	NA			1100			NA			<1		
SR12	24/9/2019	Mid-Ebb	Fine	Moderate	10:08	15	B	14	2	8	8		0.17	0.17		0.026	0.026		NA	NA	NA	NA	NA		1400	1241		NA	NA		<1	1	
SR12	24/9/2019	Mid-Ebb	Fine	Moderate	10:08	15	B	14	3										NA	NA	NA	NA											
SR13	24/9/2019	Mid-Ebb	Fine	Moderate	9:50	14	S	1	1	13			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	24/9/2019	Mid-Ebb	Fine	Moderate	9:50	14	S	1	2	15	14		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	24/9/2019	Mid-Ebb	Fine	Moderate	9:50	14	S	1	3										NA	NA	NA	NA											
SR13	24/9/2019	Mid-Ebb	Fine	Moderate	9:50	14	M	7	1	11			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	24/9/2019	Mid-Ebb	Fine	Moderate	9:50	14	M	7	2	11	11	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	24/9/2019	Mid-Ebb	Fine	Moderate	9:50	14	M	7	3										NA	NA	NA	NA											
SR13	24/9/2019	Mid-Ebb	Fine	Moderate	9:50	14	B	13	1	12			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	24/9/2019	Mid-Ebb	Fine	Moderate	9:50	14	B	13	2	12	12		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	24/9/2019	Mid-Ebb	Fine	Moderate	9:50	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 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	Value	Ave.	Depth	Value	Ave.	Depth				Value	Ave.	Depth
C1A	26/9/2019	Mid-Flood	Fine	Moderate	14:02	28	S	1	1	8.42		30.92		29.41		84.5		5.52			1.5			0.34			0.048			0.34	0.02	0.02	0.38		
C1A	26/9/2019	Mid-Flood	Fine	Moderate	14:02	28	S	1	2	8.43	8.43	30.93	30.93	29.39	29.40	84.0	84.3	5.48	5.50		1.5	1.5		0.26	0.30		0.037	0.043		0.26	0.02	0.02	0.30	0.33	
C1A	26/9/2019	Mid-Flood	Fine	Moderate	14:02	28	S	1	3											5.16										0.28	0.02	0.02	0.32		
C1A	26/9/2019	Mid-Flood	Fine	Moderate	14:02	28	M	14	1	8.45		31.45		29.27		74.0		4.80			2.8			0.31			0.045			0.31	0.03	0.02	0.36		
C1A	26/9/2019	Mid-Flood	Fine	Moderate	14:02	28	M	14	2	8.44	8.45	31.47	31.46	29.28	29.28	74.4	74.2	4.83	4.82		2.8	2.8	2.8	0.32	0.32	0.33	0.047	0.046	0.049	0.32	0.03	0.03	0.38	0.37	0.37
C1A	26/9/2019	Mid-Flood	Fine	Moderate	14:02	28	M	14	3																					0.31	0.03	0.02	0.36		
C1A	26/9/2019	Mid-Flood	Fine	Moderate	14:02	28	B	27	1	8.47		31.76		29.20		67.9		4.37			4.1			0.38			0.058			0.38	0.02	0.02	0.42		
C1A	26/9/2019	Mid-Flood	Fine	Moderate	14:02	28	B	27	2	8.47	8.47	31.79	31.78	29.18	29.19	67.7	67.8	4.35	4.36		4.1	4.1		0.39	0.39		0.059	0.059		0.39	0.02	0.02	0.43	0.42	
C1A	26/9/2019	Mid-Flood	Fine	Moderate	14:02	28	B	27	3																					0.37	0.02	0.02	0.41		
C2A	26/9/2019	Mid-Flood	Fine	Moderate	15:15	13	S	1	1	8.33		31.21		29.25		71.6		4.61			3.4			0.27			0.031			0.27	0.03	0.02	0.32		
C2A	26/9/2019	Mid-Flood	Fine	Moderate	15:15	13	S	1	2	8.33	8.33	31.23	31.22	29.27	29.26	71.3	71.5	4.58	4.60		3.4	3.4		0.28	0.28		0.033	0.032		0.28	0.04	0.02	0.34	0.33	
C2A	26/9/2019	Mid-Flood	Fine	Moderate	15:15	13	S	1	3											4.54										0.27	0.04	0.02	0.33		
C2A	26/9/2019	Mid-Flood	Fine	Moderate	15:15	13	M	6.5	1	8.35		31.31		29.13		69.2		4.48			5.0			0.29			0.034			0.29	0.03	0.02	0.34		
C2A	26/9/2019	Mid-Flood	Fine	Moderate	15:15	13	M	6.5	2	8.34	8.35	31.32	31.32	29.14	29.14	69.3	69.3	4.50	4.49		5.0	5.0	4.5	0.28	0.29	0.27	0.033	0.034	0.032	0.28	0.03	0.02	0.33	0.34	0.33
C2A	26/9/2019	Mid-Flood	Fine	Moderate	15:15	13	M	6.5	3																					0.29	0.04	0.02	0.35		
C2A	26/9/2019	Mid-Flood	Fine	Moderate	15:15	13	B	12	1	8.36		31.41		29.06		68.5		4.43			5.0			0.26			0.032			0.26	0.04	0.03	0.33		
C2A	26/9/2019	Mid-Flood	Fine	Moderate	15:15	13	B	12	2	8.36	8.36	31.40	31.41	29.06	29.06	68.2	68.4	4.41	4.42		5.0	5.0		0.26	0.26		0.032	0.032		0.26	0.04	0.02	0.32	0.33	
C2A	26/9/2019	Mid-Flood	Fine	Moderate	15:15	13	B	12	3																					0.26	0.05	0.02	0.33		
G2	26/9/2019	Mid-Flood	Fine	Moderate	14:27	12	S	1	1	8.45		30.91		29.36		84.1		5.46			1.5			NA			NA			0.29	0.05	0.02	0.36		
G2	26/9/2019	Mid-Flood	Fine	Moderate	14:27	12	S	1	2	8.45	8.45	30.74	30.83	29.39	29.38	84.2	84.2	5.46	5.46		1.5	1.5		NA	NA		NA	NA		0.29	0.05	0.02	0.36	0.36	
G2	26/9/2019	Mid-Flood	Fine	Moderate	14:27	12	S	1	3											5.14										0.29	0.05	0.02	0.36		
G2	26/9/2019	Mid-Flood	Fine	Moderate	14:27	12	M	6	1	8.44		31.28		29.28		74.2		4.81			3.1			NA			NA			0.29	0.05	0.02	0.36		
G2	26/9/2019	Mid-Flood	Fine	Moderate	14:27	12	M	6	2	8.44	8.44	31.29	31.29	29.27	29.28	74.1	74.2	4.81	4.81		3.1	3.1	2.9	NA	NA	NA	NA	NA	NA	0.29	0.05	0.02	0.36	0.36	0.36
G2	26/9/2019	Mid-Flood	Fine	Moderate	14:27	12	M	6	3																					0.29	0.05	0.02	0.36		
G2	26/9/2019	Mid-Flood	Fine	Moderate	14:27	12	B	11	1	8.45		31.72		29.15		69.4		4.44			4.1			NA			NA			0.29	0.05	0.02	0.36		
G2	26/9/2019	Mid-Flood	Fine	Moderate	14:27	12	B	11	2	8.45	8.45	31.73	31.73	29.18	29.17	69.3	69.4	4.42	4.43		4.2	4.1		NA	NA		NA	NA		0.31	0.05	0.02	0.38	0.37	
G2	26/9/2019	Mid-Flood	Fine	Moderate	14:27	12	B	11	3																					0.30	0.05	0.02	0.37		
SR4	26/9/2019	Mid-Flood	Fine	Moderate	14:40	4	S	1	1	8.44		30.80		29.31		82.1		5.30			2.4			0.27			0.039			NA	NA	NA	NA		
SR4	26/9/2019	Mid-Flood	Fine	Moderate	14:40	4	S	1	2	8.44	8.44	30.82	30.81	29.33	29.32	81.9	82.0	5.28	5.29		2.5	2.4		0.27	0.27		0.039	0.039		NA	NA	NA	NA	NA	
SR4	26/9/2019	Mid-Flood	Fine	Moderate	14:40	4	S	1	3											5.29										NA	NA	NA	NA		
SR4	26/9/2019	Mid-Flood	Fine	Moderate	14:40	4	M		1																					NA	NA	NA	NA		
SR4	26/9/2019	Mid-Flood	Fine	Moderate	14:40	4	M		2		NA		NA		NA		NA		NA			NA	2.7		NA	0.27		NA	0.040	NA	NA	NA	NA	NA	NA
SR4	26/9/2019	Mid-Flood	Fine	Moderate	14:40	4	M		3																					NA	NA	NA	NA		
SR4	26/9/2019	Mid-Flood	Fine	Moderate	14:40	4	B	3	1	8.45		30.96		29.26		80.5		5.19			2.9			0.26			0.038			NA	NA	NA	NA		
SR4	26/9/2019	Mid-Flood	Fine	Moderate	14:40	4	B	3	2	8.45	8.45	31.02	30.99	29.25	29.26	80.3	80.4	5.16	5.18		2.9	2.9		0.28	0.27		0.041	0.040		NA	NA	NA	NA	NA	
SR4	26/9/2019	Mid-Flood	Fine	Moderate	14:40	4	B	3	3																					NA	NA	NA	NA		
SR5	26/9/2019	Mid-Flood	Fine	Moderate	14:14	11	S	1	1	8.46		30.88		29.42		84.1		5.46			1.8			NA			NA			0.33	0.02	0.02	0.37		
SR5	26/9/2019	Mid-Flood	Fine	Moderate	14:14	11	S	1	2	8.45	8.46	30.92	30.90	29.43	29.43	84.2	84.2	5.48	5.47		1.8	1.8		NA	NA		NA	NA		0.32	0.02	0.02	0.36	0.37	
SR5	26/9/2019	Mid-Flood	Fine	Moderate	14:14	11	S	1	3											5.10										0.33	0.02	0.02	0.37		
SR5	26/9/2019	Mid-Flood	Fine	Moderate	14:14	11	M	5.5	1	8.46		31.25		29.35		73.0		4.71			3.5			NA			NA			0.34	0.02	0.02	0.38		
SR5	26/9/2019	Mid-Flood	Fine	Moderate	14:14	11	M	5.5	2	8.47	8.47	31.24	31.25	29.36	29.36	73.2	73.1	4.73	4.72		3.5	3.5	3.4	NA	NA	NA	NA	NA	NA	0.33	0.02	0.02	0.37	0.38	0.37
SR5	26/9/2019	Mid-Flood	Fine	Moderate	14:14	11	M	5.5	3																					0.34	0.02	0.02	0.38		
SR5	26/9/2019	Mid-Flood	Fine	Moderate	14:14	11	B	10	1	8.43		31.68		29.27		67.5		4.33			5.0			NA			NA			0.32	0.02	0.02	0.36		
SR5	26/9/2019	Mid-Flood	Fine	Moderate	14:14	11	B	10	2	8.43	8.43	31.66	31.67	29.24	29.26	67.8	67.7	4.36	4.35		5.0	5.0		NA	NA		NA	NA		0.32	0.02	0.02	0.36	0.36	
SR5	26/9/2019	Mid-Flood	Fine	Moderate	14:14	11	B	10	3																					0.32	0.02	0.02	0.36		
SR12	26/9/2019	Mid-Flood	Fine	Moderate	14:51	15	S	1	1	8.44		30.80		29.16		78.5		5.06			2.5			0.31			0.045			NA	NA	NA	NA		
SR12	26/9/2019	Mid-Flood	Fine	Moderate	14:51	15	S	1	2	8.44	8.44	30.82	30.81	29.17	29.17	78.2	78.4	5.04	5.05		2.5	2.5		0.32	0.32		0.046	0.045		NA	NA	NA	NA	NA	
SR12	26/9/2019	Mid-Flood	Fine	Moderate	14:51	15	S	1	3											4.93										NA	NA	NA	NA		
SR12	26/9/2019	Mid-Flood	Fine	Moderate	14:51	15	M	7.5	1	8.43		31.39		29.13		74.2		4.80			3.6			0.25			0.035			NA	NA	NA	NA		
SR12	26/9/2019	Mid-Flood	Fine	Moderate	14:51	15	M	7.5	2	8.43	8.43	31.37	31.38	29.12	29.13	74.4	74.3	4.82	4.81		3.6	3.6	3.4	0.26	0.26	0.28	0.037	0.036	0.040	NA	NA	NA	NA	NA	NA
SR12	26/9/2019	Mid-Flood	Fine	Moderate	14:51	15	M	7.5	3																					NA	NA	NA	NA		
SR12	26/9/2019	Mid-Flood	Fine	Moderate	14:51	15	B	14	1	8.42		31.46		29.08		73.9		4.79			4.1			0.28			0.039			NA	NA	NA	NA		
SR12	26/9/2019	Mid-Flood	Fine	Moderate	14:51	15	B	14	2	8.42	8.42	31.52	31.49	29.08	29.08	73.6	73.8	4.75	4.77		4.0	4.0		0.28	0.28		0.039	0.039		NA	NA	NA	NA	NA	
SR12	26/9/2019	Mid-Flood	Fine	Moderate	14:51	15	B	14	3																					NA	NA	NA	NA		
SR13	26/9/2019	Mid-Flood	Fine	Moderate	15:03	14	S	1	1	8.44		30.91		29.16		74.2		4.82			2.4			NA			NA			NA	NA	NA	NA		
SR13	26/9/2019	Mid-Flood	Fine	Moderate	15:03	14	S	1	2	8.43	8.44	30.93	30.92	29.17	29.17	74.2	74.2	4.81	4.82		2.4	2.4		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	26/9/2019	Mid-Flood	Fine	Moderate	15:03	14	S	1	3											4.71										NA	NA	NA	NA		
SR13	26/9/2019	Mid-Flood	Fine	Moderate	15:03	14	M	7	1	8.42		31.37		29.12		71.0		4.60			3.5			NA			NA			NA	NA	NA	NA		
SR13	26/9/2019	Mid-Flood	Fine	Moderate	15:03	14	M	7	2	8.42	8.42	31.35	31.36	29.11	29.12	71.0	71.0	4.60	4.60		3.5	3.5	3.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	26/9/2019	Mid-Flood	Fine	Moderate	15:03	14	M	7	3																					NA	NA	NA	NA		
SR13	26/9/2019	Mid-Flood	Fine	Moderate	15:03	14	B	13	1	8.41		31.49		29.14		70.0		4.51			4.0			NA			NA			NA	NA	NA	NA		
SR13	26/9/2019	Mid-Flood	Fine	Moderate	15:03	14	B	13	2	8.41	8.41	31.45	31.47	29.13	29.14	70.1	70.1	4.52	4.52		4.0	4.0		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	26/9/2019	Mid-Flood	Fine	Moderate	15:03	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 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	26/9/2019	Mid-Flood	Fine	Moderate	14:02	28	S	1	1	9			0.40			0.057			0.40	0.02	0.02	0.44			170			NA			<1		
C1A	26/9/2019	Mid-Flood	Fine	Moderate	14:02	28	S	1	2	9	9		0.25	0.33		0.036	0.046		0.25	0.04	0.02	0.31	0.36		230	198		NA	NA		<1	1	
C1A	26/9/2019	Mid-Flood	Fine	Moderate	14:02	28	S	1	3										0.27	0.04	0.02	0.33											
C1A	26/9/2019	Mid-Flood	Fine	Moderate	14:02	28	M	14	1	7			0.29			0.042			0.29	0.05	0.02	0.36			110			NA			<1		
C1A	26/9/2019	Mid-Flood	Fine	Moderate	14:02	28	M	14	2	8	8	10	0.29	0.29	0.33	0.042	0.042	0.049	0.29	0.05	0.03	0.37	0.39	0.38	210	152	179	NA	NA	NA	<1	1	1
C1A	26/9/2019	Mid-Flood	Fine	Moderate	14:02	28	M	14	3										0.41	0.02	0.02	0.45											
C1A	26/9/2019	Mid-Flood	Fine	Moderate	14:02	28	B	27	1	14			0.39			0.059			0.39	0.02	0.02	0.43			200			NA			<1		
C1A	26/9/2019	Mid-Flood	Fine	Moderate	14:02	28	B	27	2	15	15		0.37	0.38		0.056	0.058		0.37	0.02	0.02	0.41	0.39		180	190		NA	NA		<1	1	
C1A	26/9/2019	Mid-Flood	Fine	Moderate	14:02	28	B	27	3										0.31	0.01	0.02	0.34											
C2A	26/9/2019	Mid-Flood	Fine	Moderate	15:15	13	S	1	1	9			0.27			0.031			0.27	0.03	0.02	0.32			240			NA			<1		
C2A	26/9/2019	Mid-Flood	Fine	Moderate	15:15	13	S	1	2	8	9		0.26	0.27		0.030	0.031		0.26	0.04	0.02	0.32	0.33		190	214		NA	NA		<1	1	
C2A	26/9/2019	Mid-Flood	Fine	Moderate	15:15	13	S	1	3										0.28	0.04	0.02	0.34											
C2A	26/9/2019	Mid-Flood	Fine	Moderate	15:15	13	M	6.5	1	8			0.33			0.039			0.33	0.01	0.02	0.36			270			NA			<1		
C2A	26/9/2019	Mid-Flood	Fine	Moderate	15:15	13	M	6.5	2	8	8	8	0.26	0.30	0.28	0.031	0.035	0.033	0.26	0.03	0.02	0.31	0.33	0.33	240	255	225	NA	NA	NA	<1	1	1
C2A	26/9/2019	Mid-Flood	Fine	Moderate	15:15	13	M	6.5	3										0.25	0.04	0.02	0.31											
C2A	26/9/2019	Mid-Flood	Fine	Moderate	15:15	13	B	12	1	8			0.27			0.033			0.27	0.04	0.03	0.34			190			NA			<1		
C2A	26/9/2019	Mid-Flood	Fine	Moderate	15:15	13	B	12	2	8	8		0.26	0.27		0.032	0.032		0.26	0.04	0.02	0.32	0.33		230	209		NA	NA		<1	1	
C2A	26/9/2019	Mid-Flood	Fine	Moderate	15:15	13	B	12	3										0.26	0.05	0.02	0.33											
G2	26/9/2019	Mid-Flood	Fine	Moderate	14:27	12	S	1	1	7			NA			NA			0.26	0.05	0.02	0.33			NA			NA			NA		
G2	26/9/2019	Mid-Flood	Fine	Moderate	14:27	12	S	1	2	8	8		NA	NA		NA	NA		0.28	0.05	0.02	0.35	0.35		NA	NA		NA	NA		NA	NA	
G2	26/9/2019	Mid-Flood	Fine	Moderate	14:27	12	S	1	3										0.29	0.06	0.02	0.37											
G2	26/9/2019	Mid-Flood	Fine	Moderate	14:27	12	M	6	1	9			NA			NA			0.28	0.06	0.02	0.36			NA			NA			NA		
G2	26/9/2019	Mid-Flood	Fine	Moderate	14:27	12	M	6	2	8	9	8	NA	NA	NA	NA	NA	NA	0.28	0.05	0.02	0.35	0.36	0.36	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	26/9/2019	Mid-Flood	Fine	Moderate	14:27	12	M	6	3										0.29	0.06	0.02	0.37											
G2	26/9/2019	Mid-Flood	Fine	Moderate	14:27	12	B	11	1	8			NA			NA			0.26	0.05	0.02	0.33			NA			NA			NA		
G2	26/9/2019	Mid-Flood	Fine	Moderate	14:27	12	B	11	2	8	8		NA	NA		NA	NA		0.28	0.05	0.02	0.35	0.36		NA	NA		NA	NA		NA	NA	
G2	26/9/2019	Mid-Flood	Fine	Moderate	14:27	12	B	11	3										0.37	0.02	0.02	0.41											
SR4	26/9/2019	Mid-Flood	Fine	Moderate	14:40	4	S	1	1	20			0.27			0.039			NA	NA	NA	NA			770			NA			<1		
SR4	26/9/2019	Mid-Flood	Fine	Moderate	14:40	4	S	1	2	20	20		0.26	0.27		0.038	0.039		NA	NA	NA	NA	NA		570	662		NA	NA		<1	1	
SR4	26/9/2019	Mid-Flood	Fine	Moderate	14:40	4	S	1	3										NA	NA	NA	NA											
SR4	26/9/2019	Mid-Flood	Fine	Moderate	14:40	4	M		1										NA	NA	NA	NA						NA					
SR4	26/9/2019	Mid-Flood	Fine	Moderate	14:40	4	M		2		NA	21		NA	0.28		NA	0.041	NA	NA	NA	NA	NA	NA		NA	503	NA	NA	NA		NA	1
SR4	26/9/2019	Mid-Flood	Fine	Moderate	14:40	4	M		3										NA	NA	NA	NA											
SR4	26/9/2019	Mid-Flood	Fine	Moderate	14:40	4	B	3	1	22			0.24			0.035			NA	NA	NA	NA			270			NA			<1		
SR4	26/9/2019	Mid-Flood	Fine	Moderate	14:40	4	B	3	2	20	21		0.34	0.29		0.050	0.043		NA	NA	NA	NA	NA		540	382		NA	NA		<1	1	
SR4	26/9/2019	Mid-Flood	Fine	Moderate	14:40	4	B	3	3										NA	NA	NA	NA											
SR5	26/9/2019	Mid-Flood	Fine	Moderate	14:14	11	S	1	1	12			NA			NA			0.33	0.01	0.02	0.36			NA			NA			NA		
SR5	26/9/2019	Mid-Flood	Fine	Moderate	14:14	11	S	1	2	14	13		NA	NA		NA	NA		0.32	0.01	0.02	0.35	0.35		NA	NA		NA	NA		NA	NA	
SR5	26/9/2019	Mid-Flood	Fine	Moderate	14:14	11	S	1	3										0.31	0.01	0.02	0.34											
SR5	26/9/2019	Mid-Flood	Fine	Moderate	14:14	11	M	5.5	1	13			NA			NA			0.34	0.01	0.02	0.37			NA			NA			NA		
SR5	26/9/2019	Mid-Flood	Fine	Moderate	14:14	11	M	5.5	2	13	13	13	NA	NA	NA	NA	NA	NA	0.33	0.01	0.02	0.36	0.37	0.36	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	26/9/2019	Mid-Flood	Fine	Moderate	14:14	11	M	5.5	3										0.35	0.01	0.02	0.38											
SR5	26/9/2019	Mid-Flood	Fine	Moderate	14:14	11	B	10	1	12			NA			NA			0.32	0.01	0.02	0.35			NA			NA			NA		
SR5	26/9/2019	Mid-Flood	Fine	Moderate	14:14	11	B	10	2	13	13		NA	NA		NA	NA		0.32	0.01	0.02	0.35	0.35		NA	NA		NA	NA		NA	NA	
SR5	26/9/2019	Mid-Flood	Fine	Moderate	14:14	11	B	10	3										0.32	0.01	0.02	0.35											
SR12	26/9/2019	Mid-Flood	Fine	Moderate	14:51	15	S	1	1	17			0.30			0.043			NA	NA	NA	NA			290			NA			<1		
SR12	26/9/2019	Mid-Flood	Fine	Moderate	14:51	15	S	1	2	15	16		0.40	0.35		0.058	0.051		NA	NA	NA	NA	NA		340	314		NA	NA		<1	1	
SR12	26/9/2019	Mid-Flood	Fine	Moderate	14:51	15	S	1	3										NA	NA	NA	NA											
SR12	26/9/2019	Mid-Flood	Fine	Moderate	14:51	15	M	7.5	1	15			0.25			0.035			NA	NA	NA	NA			450			NA			<1		
SR12	26/9/2019	Mid-Flood	Fine	Moderate	14:51	15	M	7.5	2	15	15	14	0.24	0.25	0.29	0.034	0.034	0.041	NA	NA	NA	NA	NA	NA	570	506	580	NA	NA	NA	<1	1	1
SR12	26/9/2019	Mid-Flood	Fine	Moderate	14:51	15	M	7.5	3										NA	NA	NA	NA											
SR12	26/9/2019	Mid-Flood	Fine	Moderate	14:51	15	B	14	1	10			0.28			0.039			NA	NA	NA	NA			790			NA			<1		
SR12	26/9/2019	Mid-Flood	Fine	Moderate	14:51	15	B	14	2	10	10		0.26	0.27		0.036	0.037		NA	NA	NA	NA	NA		1900	1225		NA	NA		<1	1	
SR12	26/9/2019	Mid-Flood	Fine	Moderate	14:51	15	B	14	3										NA	NA	NA	NA											
SR13	26/9/2019	Mid-Flood	Fine	Moderate	15:03	14	S	1	1	8			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	26/9/2019	Mid-Flood	Fine	Moderate	15:03	14	S	1	2	7	8		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	26/9/2019	Mid-Flood	Fine	Moderate	15:03	14	S	1	3										NA	NA	NA	NA											
SR13	26/9/2019	Mid-Flood	Fine	Moderate	15:03	14	M	7	1	8			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	26/9/2019	Mid-Flood	Fine	Moderate	15:03	14	M	7	2	7	8	11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	26/9/2019	Mid-Flood	Fine	Moderate	15:03	14	M	7	3										NA	NA	NA	NA											
SR13	26/9/2019	Mid-Flood	Fine	Moderate	15:03	14	B	13	1	17			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	26/9/2019	Mid-Flood	Fine	Moderate	15:03	14	B	13	2	18	18		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	26/9/2019	Mid-Flood	Fine	Moderate	15:03	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 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-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth	Value	Ave.	Depth	Value	Ave.	Depth				Value	Ave.	Depth
C1A	26/9/2019	Mid-Ebb	Fine	Moderate	13:20	28	S	1	1	8.42		30.95		29.42		84.8		5.55			1.5			0.38			0.054			0.38	0.02	0.02	0.42		
C1A	26/9/2019	Mid-Ebb	Fine	Moderate	13:20	28	S	1	2	8.42	8.42	30.96	30.96	29.43	29.43	84.5	84.7	5.52	5.54		1.5	1.5		0.39	0.39		0.055	0.054		0.39	0.02	0.02	0.43	0.42	
C1A	26/9/2019	Mid-Ebb	Fine	Moderate	13:20	28	S	1	3											5.20										0.37	0.02	0.02	0.41		
C1A	26/9/2019	Mid-Ebb	Fine	Moderate	13:20	28	M	14	1	8.46		31.50		29.26		74.4		4.83			2.8			0.30			0.045			0.30	0.02	0.02	0.34		
C1A	26/9/2019	Mid-Ebb	Fine	Moderate	13:20	28	M	14	2	8.46	8.46	31.46	31.48	29.25	29.26	74.2	74.3	4.91	4.87		2.8	2.8	2.8	0.31	0.31	0.34	0.047	0.046	0.051	0.31	0.02	0.02	0.35	0.35	0.38
C1A	26/9/2019	Mid-Ebb	Fine	Moderate	13:20	28	M	14	3																					0.32	0.02	0.02	0.36		
C1A	26/9/2019	Mid-Ebb	Fine	Moderate	13:20	28	B	27	1	8.48		31.79		29.21		67.2		4.31			4.1			0.34			0.053			0.34	0.02	0.02	0.38		
C1A	26/9/2019	Mid-Ebb	Fine	Moderate	13:20	28	B	27	2	8.48	8.48	31.82	31.81	29.16	29.19	67.3	67.3	4.32	4.32		4.1	4.1		0.34	0.34		0.053	0.053		0.34	0.02	0.02	0.38	0.37	
C1A	26/9/2019	Mid-Ebb	Fine	Moderate	13:20	28	B	27	3																					0.32	0.02	0.02	0.36		
C2A	26/9/2019	Mid-Ebb	Fine	Moderate	12:02	13	S	1	1	8.33		31.20		29.24		71.6		4.61			3.5			0.29			0.034			0.29	0.02	0.02	0.33		
C2A	26/9/2019	Mid-Ebb	Fine	Moderate	12:02	13	S	1	2	8.33	8.33	31.21	31.21	29.25	29.25	71.5	71.6	4.60	4.61		3.5	3.5		0.28	0.29		0.033	0.033		0.28	0.02	0.02	0.32	0.32	
C2A	26/9/2019	Mid-Ebb	Fine	Moderate	12:02	13	S	1	3																					0.27	0.02	0.02	0.31		
C2A	26/9/2019	Mid-Ebb	Fine	Moderate	12:02	13	M	6.5	1	8.35		31.28		29.11		69.0		4.46		4.53	5.0			0.32			0.038			0.32	0.02	0.02	0.36		
C2A	26/9/2019	Mid-Ebb	Fine	Moderate	12:02	13	M	6.5	2	8.35	8.35	31.31	31.30	29.12	29.12	68.8	68.9	4.45	4.46		5.0	5.0	4.5	0.28	0.30	0.29	0.034	0.036	0.034	0.28	0.02	0.02	0.32	0.35	0.34
C2A	26/9/2019	Mid-Ebb	Fine	Moderate	12:02	13	M	6.5	3																					0.32	0.02	0.02	0.36		
C2A	26/9/2019	Mid-Ebb	Fine	Moderate	12:02	13	B	12	1	8.37		31.37		29.08		68.4		4.42			5.0			0.29			0.036			0.29	0.03	0.03	0.35		
C2A	26/9/2019	Mid-Ebb	Fine	Moderate	12:02	13	B	12	2	8.37	8.37	31.36	31.37	29.06	29.07	68.5	68.5	4.43	4.43		5.0	5.0		0.25	0.27		0.031	0.034		0.25	0.03	0.03	0.31	0.35	
C2A	26/9/2019	Mid-Ebb	Fine	Moderate	12:02	13	B	12	3																					0.32	0.03	0.03	0.38		
G2	26/9/2019	Mid-Ebb	Fine	Moderate	12:50	12	S	1	1	8.45		30.79		29.35		84.0		5.46			1.5			NA			NA			0.34	0.03	0.02	0.39		
G2	26/9/2019	Mid-Ebb	Fine	Moderate	12:50	12	S	1	2	8.45	8.45	30.75	30.77	29.34	29.35	84.2	84.1	5.48	5.47		1.5	1.5		NA	NA		NA	NA		0.35	0.03	0.02	0.40	0.38	
G2	26/9/2019	Mid-Ebb	Fine	Moderate	12:50	12	S	1	3																					0.31	0.03	0.02	0.36		
G2	26/9/2019	Mid-Ebb	Fine	Moderate	12:50	12	M	6	1	8.46		31.31		29.29		74.4		4.83		5.15	3.1			NA			NA			0.28	0.04	0.02	0.34		
G2	26/9/2019	Mid-Ebb	Fine	Moderate	12:50	12	M	6	2	8.46	8.46	31.32	31.32	29.28	29.29	74.1	74.3	4.81	4.82		3.1	3.1	2.9	NA	NA	NA	NA	NA	NA	0.29	0.04	0.02	0.35	0.34	0.36
G2	26/9/2019	Mid-Ebb	Fine	Moderate	12:50	12	M	6	3																					0.26	0.04	0.02	0.32		
G2	26/9/2019	Mid-Ebb	Fine	Moderate	12:50	12	B	11	1	8.47		31.68		29.16		69.6		4.50			4.0			NA			NA			0.28	0.05	0.03	0.36		
G2	26/9/2019	Mid-Ebb	Fine	Moderate	12:50	12	B	11	2	8.47	8.47	31.70	31.69	29.17	29.17	69.5	69.6	4.49	4.50		4.0	4.0		NA	NA		NA	NA		0.27	0.05	0.03	0.35	0.35	
G2	26/9/2019	Mid-Ebb	Fine	Moderate	12:50	12	B	11	3																					0.25	0.05	0.03	0.33		
SR4	26/9/2019	Mid-Ebb	Fine	Moderate	12:36	4	S	1	1	8.44		30.84		29.31		82.5		5.34			2.4			0.32			0.047			NA	NA	NA	NA		
SR4	26/9/2019	Mid-Ebb	Fine	Moderate	12:36	4	S	1	2	8.44	8.44	30.85	30.85	29.30	29.31	82.5	82.5	5.34	5.34		2.4	2.4		0.33	0.33		0.048	0.047		NA	NA	NA	NA	NA	
SR4	26/9/2019	Mid-Ebb	Fine	Moderate	12:36	4	S	1	3																					NA	NA	NA	NA		
SR4	26/9/2019	Mid-Ebb	Fine	Moderate	12:36	4	M		1											5.34										NA	NA	NA	NA		
SR4	26/9/2019	Mid-Ebb	Fine	Moderate	12:36	4	M		2		NA		NA		NA		NA		NA			NA	2.7		NA	0.29		NA	0.043	NA	NA	NA	NA	NA	NA
SR4	26/9/2019	Mid-Ebb	Fine	Moderate	12:36	4	M		3																					NA	NA	NA	NA		
SR4	26/9/2019	Mid-Ebb	Fine	Moderate	12:36	4	B	3	1	8.46		30.97		29.29		80.8		5.22			2.9			0.26			0.039			NA	NA	NA	NA		
SR4	26/9/2019	Mid-Ebb	Fine	Moderate	12:36	4	B	3	2	8.46	8.46	30.99	30.98	29.28	29.29	80.7	80.8	5.21	5.22		2.9	2.9		0.26	0.26		0.039	0.039		NA	NA	NA	NA	NA	
SR4	26/9/2019	Mid-Ebb	Fine	Moderate	12:36	4	B	3	3																					NA	NA	NA	NA		
SR5	26/9/2019	Mid-Ebb	Fine	Moderate	13:04	11	S	1	1	8.46		30.88		28.42		84.5		5.52			1.8			NA			NA			0.33	0.01	0.02	0.36		
SR5	26/9/2019	Mid-Ebb	Fine	Moderate	13:04	11	S	1	2	8.45	8.46	30.90	30.89	28.38	28.40	84.5	84.5	5.52	5.52		1.8	1.8		NA	NA		NA	NA		0.33	0.01	0.02	0.36	0.36	
SR5	26/9/2019	Mid-Ebb	Fine	Moderate	13:04	11	S	1	3																					0.33	0.01	0.02	0.36		
SR5	26/9/2019	Mid-Ebb	Fine	Moderate	13:04	11	M	5.5	1	8.44		31.27		28.35		73.5		4.75		5.14	3.5			NA			NA			0.33	0.01	0.02	0.36		
SR5	26/9/2019	Mid-Ebb	Fine	Moderate	13:04	11	M	5.5	2	8.44	8.44	31.25	31.26	28.36	28.36	73.5	73.5	4.75	4.75		3.5	3.5	3.4	NA	NA	NA	NA	NA	NA	0.33	0.01	0.02	0.36	0.36	0.36
SR5	26/9/2019	Mid-Ebb	Fine	Moderate	13:04	11	M	5.5	3																					0.32	0.01	0.02	0.35		
SR5	26/9/2019	Mid-Ebb	Fine	Moderate	13:04	11	B	10	1	8.48		31.68		29.26		68.0		4.38			5.0			NA			NA			0.33	0.01	0.02	0.36		
SR5	26/9/2019	Mid-Ebb	Fine	Moderate	13:04	11	B	10	2	8.48	8.48	31.64	31.66	29.25	29.26	67.9	68.0	4.37	4.38		5.0	5.0		NA	NA		NA	NA		0.34	0.01	0.02	0.37	0.36	
SR5	26/9/2019	Mid-Ebb	Fine	Moderate	13:04	11	B	10	3																					0.33	0.01	0.02	0.36		
SR12	26/9/2019	Mid-Ebb	Fine	Moderate	12:27	15	S	1	1	8.43		30.80		29.14		78.6		5.08			2.4			0.38			0.054			NA	NA	NA	NA		
SR12	26/9/2019	Mid-Ebb	Fine	Moderate	12:27	15	S	1	2	8.43	8.43	30.81	30.81	29.16	29.15	78.0	78.3	5.00	5.04		2.5	2.4		0.39	0.39		0.055	0.054		NA	NA	NA	NA	NA	
SR12	26/9/2019	Mid-Ebb	Fine	Moderate	12:27	15	S	1	3																					NA	NA	NA	NA		
SR12	26/9/2019	Mid-Ebb	Fine	Moderate	12:27	15	M	7.5	1	8.43		31.32		29.09		74.3		4.81		4.93	3.5			0.26			0.037			NA	NA	NA	NA		
SR12	26/9/2019	Mid-Ebb	Fine	Moderate	12:27	15	M	7.5	2	8.43	8.43	31.33	31.33	29.08	29.09	74.3	74.3	4.81	4.81		3.6	3.5	3.3	0.28	0.27	0.32	0.039	0.038	0.045	NA	NA	NA	NA	NA	NA
SR12	26/9/2019	Mid-Ebb	Fine	Moderate	12:27	15	M	7.5	3																					NA	NA	NA	NA		
SR12	26/9/2019	Mid-Ebb	Fine	Moderate	12:27	15	B	14	1	8.42		31.47		29.08		73.9		4.79			4.1			0.29			0.040			NA	NA	NA	NA		
SR12	26/9/2019	Mid-Ebb	Fine	Moderate	12:27	15	B	14	2	8.42	8.42	31.51	31.49	29.06	29.07	73.8	73.9	4.78	4.79		4.1	4.1		0.31	0.30		0.043	0.041		NA	NA	NA	NA	NA	
SR12	26/9/2019	Mid-Ebb	Fine	Moderate	12:27	15	B	14	3																					NA	NA	NA	NA		
SR13	26/9/2019	Mid-Ebb	Fine	Moderate	12:16	14	S	1	1	8.43		30.89		29.14		74.0		4.79			2.4			NA			NA			NA	NA	NA	NA		
SR13	26/9/2019	Mid-Ebb	Fine	Moderate	12:16	14	S	1	2	8.42	8.43	30.92	30.91	29.14	29.14	74.1	74.1	4.80	4.80		2.4	2.4		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	26/9/2019	Mid-Ebb	Fine	Moderate	12:16	14	S	1	3																					NA	NA	NA	NA		
SR13	26/9/2019	Mid-Ebb	Fine	Moderate	12:16	14	M	7	1	8.41		31.32		29.12		71.2		4.61		4.70	3.5			NA			NA			NA	NA	NA	NA		
SR13	26/9/2019	Mid-Ebb	Fine	Moderate	12:16	14	M	7	2	8.42	8.42	31.33	31.33	29.12	29.12	71.2	71.2	4.60	4.61		3.5	3.5	3.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	26/9/2019	Mid-Ebb	Fine	Moderate	12:16	14	M	7	3																					NA	NA	NA	NA		
SR13	26/9/2019	Mid-Ebb	Fine	Moderate	12:16	14	B	13	1	8.41		31.42		29.15		70.2		4.53			4.0			NA			NA			NA	NA	NA	NA		
SR13	26/9/2019	Mid-Ebb	Fine	Moderate	12:16	14	B	13	2	8.41	8.41	31.47	31.45	29.16	29.16	69.6	69.9	4.50	4.52		4.0	4.0		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	26/9/2019	Mid-Ebb	Fine	Moderate	12:16	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 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	26/9/2019	Mid-Ebb	Fine	Moderate	13:20	28	S	1	1	12			0.38			0.054			0.38	0.02	0.02	0.42			340			NA			<1		
C1A	26/9/2019	Mid-Ebb	Fine	Moderate	13:20	28	S	1	2	13	13		0.39	0.39		0.055	0.054		0.39	0.01	0.02	0.42	0.41		290	314		NA	NA		<1	1	
C1A	26/9/2019	Mid-Ebb	Fine	Moderate	13:20	28	S	1	3										0.36	0.01	0.02	0.39											
C1A	26/9/2019	Mid-Ebb	Fine	Moderate	13:20	28	M	14	1	13			0.31			0.047			0.31	0.01	0.02	0.34			290			NA			<1		
C1A	26/9/2019	Mid-Ebb	Fine	Moderate	13:20	28	M	14	2	14	14	12	0.30	0.31	0.35	0.045	0.046	0.052	0.30	0.01	0.02	0.33	0.34	0.37	510	385	294	NA	NA	NA	<1	1	1
C1A	26/9/2019	Mid-Ebb	Fine	Moderate	13:20	28	M	14	3										0.33	<0.01	0.02	0.35											
C1A	26/9/2019	Mid-Ebb	Fine	Moderate	13:20	28	B	27	1	10			0.38			0.059			0.38	<0.01	0.02	0.40			260			NA			<1		
C1A	26/9/2019	Mid-Ebb	Fine	Moderate	13:20	28	B	27	2	10	10		0.34	0.36		0.053	0.056		0.34	<0.01	0.02	0.36	0.36		170	210		NA	NA		<1	1	
C1A	26/9/2019	Mid-Ebb	Fine	Moderate	13:20	28	B	27	3										0.31	<0.01	0.02	0.33											
C2A	26/9/2019	Mid-Ebb	Fine	Moderate	12:02	13	S	1	1	6			0.25			0.029			0.25	0.03	0.02	0.30			370			NA			<1		
C2A	26/9/2019	Mid-Ebb	Fine	Moderate	12:02	13	S	1	2	7	7		0.36	0.31		0.042	0.035		0.36	0.01	0.02	0.39	0.35		340	355		NA	NA		<1	1	
C2A	26/9/2019	Mid-Ebb	Fine	Moderate	12:02	13	S	1	3										0.33	0.01	0.02	0.36											
C2A	26/9/2019	Mid-Ebb	Fine	Moderate	12:02	13	M	6.5	1	9			0.33			0.040			0.33	<0.01	0.02	0.35			300			NA			<1		
C2A	26/9/2019	Mid-Ebb	Fine	Moderate	12:02	13	M	6.5	2	9	9	8	0.26	0.30	0.29	0.031	0.035	0.035	0.26	0.03	0.02	0.31	0.33	0.34	270	285	318	NA	NA	NA	<1	1	1
C2A	26/9/2019	Mid-Ebb	Fine	Moderate	12:02	13	M	6.5	3										0.31	0.01	0.02	0.34											
C2A	26/9/2019	Mid-Ebb	Fine	Moderate	12:02	13	B	12	1	9			0.28			0.035			0.28	0.03	0.03	0.34			290			NA			<1		
C2A	26/9/2019	Mid-Ebb	Fine	Moderate	12:02	13	B	12	2	8	9		0.26	0.27		0.032	0.034		0.26	0.03	0.02	0.31	0.33		350	319		NA	NA		<1	1	
C2A	26/9/2019	Mid-Ebb	Fine	Moderate	12:02	13	B	12	3										0.31	0.01	0.02	0.34											
G2	26/9/2019	Mid-Ebb	Fine	Moderate	12:50	12	S	1	1	17			NA			NA			0.40	0.01	0.02	0.43			NA			NA			NA		
G2	26/9/2019	Mid-Ebb	Fine	Moderate	12:50	12	S	1	2	15	16		NA	NA		NA	NA		0.26	0.03	0.02	0.31	0.36		NA	NA		NA	NA		NA	NA	
G2	26/9/2019	Mid-Ebb	Fine	Moderate	12:50	12	S	1	3										0.29	0.04	0.02	0.35											
G2	26/9/2019	Mid-Ebb	Fine	Moderate	12:50	12	M	6	1	10			NA			NA			0.29	0.04	0.02	0.35			NA			NA			NA		
G2	26/9/2019	Mid-Ebb	Fine	Moderate	12:50	12	M	6	2	8	9	11	NA	NA	NA	NA	NA	NA	0.28	0.05	0.02	0.35	0.34	0.35	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	26/9/2019	Mid-Ebb	Fine	Moderate	12:50	12	M	6	3										0.25	0.04	0.02	0.31											
G2	26/9/2019	Mid-Ebb	Fine	Moderate	12:50	12	B	11	1	9			NA			NA			0.29	0.05	0.02	0.36			NA			NA			NA		
G2	26/9/2019	Mid-Ebb	Fine	Moderate	12:50	12	B	11	2	8	9		NA	NA		NA	NA		0.26	0.05	0.03	0.34	0.35		NA	NA		NA	NA		NA	NA	
G2	26/9/2019	Mid-Ebb	Fine	Moderate	12:50	12	B	11	3										0.27	0.05	0.02	0.34											
SR4	26/9/2019	Mid-Ebb	Fine	Moderate	12:36	4	S	1	1	17			0.36			0.052			NA	NA	NA	NA			490			NA			<1		
SR4	26/9/2019	Mid-Ebb	Fine	Moderate	12:36	4	S	1	2	18	18		0.24	0.30		0.035	0.044		NA	NA	NA	NA	NA		760	610		NA	NA		<1	1	
SR4	26/9/2019	Mid-Ebb	Fine	Moderate	12:36	4	S	1	3										NA	NA	NA	NA											
SR4	26/9/2019	Mid-Ebb	Fine	Moderate	12:36	4	M		1										NA	NA	NA	NA											
SR4	26/9/2019	Mid-Ebb	Fine	Moderate	12:36	4	M		2		NA	15		NA	0.28		NA	0.041	NA	NA	NA	NA	NA	NA		NA	418	NA	NA	NA		NA	1
SR4	26/9/2019	Mid-Ebb	Fine	Moderate	12:36	4	M		3										NA	NA	NA	NA											
SR4	26/9/2019	Mid-Ebb	Fine	Moderate	12:36	4	B	3	1	13			0.26			0.039			NA	NA	NA	NA			240			NA			<1		
SR4	26/9/2019	Mid-Ebb	Fine	Moderate	12:36	4	B	3	2	12	13		0.25	0.26		0.038	0.039		NA	NA	NA	NA	NA		340	286		NA	NA		<1	1	
SR4	26/9/2019	Mid-Ebb	Fine	Moderate	12:36	4	B	3	3										NA	NA	NA	NA											
SR5	26/9/2019	Mid-Ebb	Fine	Moderate	13:04	11	S	1	1	17			NA			NA			0.32	0.02	0.02	0.36			NA			NA			NA		
SR5	26/9/2019	Mid-Ebb	Fine	Moderate	13:04	11	S	1	2	17	17		NA	NA		NA	NA		0.33	0.01	0.02	0.36	0.36		NA	NA		NA	NA		NA	NA	
SR5	26/9/2019	Mid-Ebb	Fine	Moderate	13:04	11	S	1	3										0.33	<0.01	0.02	0.35											
SR5	26/9/2019	Mid-Ebb	Fine	Moderate	13:04	11	M	5.5	1	16			NA			NA			0.32	0.01	0.02	0.35			NA			NA			NA		
SR5	26/9/2019	Mid-Ebb	Fine	Moderate	13:04	11	M	5.5	2	15	16	17	NA	NA	NA	NA	NA	NA	0.32	0.01	0.02	0.35	0.35	0.36	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	26/9/2019	Mid-Ebb	Fine	Moderate	13:04	11	M	5.5	3										0.32	0.01	0.02	0.35											
SR5	26/9/2019	Mid-Ebb	Fine	Moderate	13:04	11	B	10	1	18			NA			NA			0.33	0.01	0.02	0.36			NA			NA			NA		
SR5	26/9/2019	Mid-Ebb	Fine	Moderate	13:04	11	B	10	2	16	17		NA	NA		NA	NA		0.36	0.01	0.02	0.39	0.37		NA	NA		NA	NA		NA	NA	
SR5	26/9/2019	Mid-Ebb	Fine	Moderate	13:04	11	B	10	3										0.33	<0.01	0.02	0.35											
SR12	26/9/2019	Mid-Ebb	Fine	Moderate	12:27	15	S	1	1	13			0.38			0.054			NA	NA	NA	NA			650			NA			<1		
SR12	26/9/2019	Mid-Ebb	Fine	Moderate	12:27	15	S	1	2	12	13		0.38	0.38		0.054	0.054		NA	NA	NA	NA	NA		470	553		NA	NA		<1	1	
SR12	26/9/2019	Mid-Ebb	Fine	Moderate	12:27	15	S	1	3										NA	NA	NA	NA											
SR12	26/9/2019	Mid-Ebb	Fine	Moderate	12:27	15	M	7.5	1	7			0.25			0.035			NA	NA	NA	NA			740			NA			<1		
SR12	26/9/2019	Mid-Ebb	Fine	Moderate	12:27	15	M	7.5	2	9	8	13	0.28	0.27	0.32	0.039	0.037	0.045	NA	NA	NA	NA	NA	NA	950	838	634	NA	NA	NA	<1	1	1
SR12	26/9/2019	Mid-Ebb	Fine	Moderate	12:27	15	M	7.5	3										NA	NA	NA	NA											
SR12	26/9/2019	Mid-Ebb	Fine	Moderate	12:27	15	B	14	1	18			0.37			0.051			NA	NA	NA	NA			670			NA			<1		
SR12	26/9/2019	Mid-Ebb	Fine	Moderate	12:27	15	B	14	2	17	18		0.27	0.32		0.037	0.044		NA	NA	NA	NA	NA		450	549		NA	NA		<1	1	
SR12	26/9/2019	Mid-Ebb	Fine	Moderate	12:27	15	B	14	3										NA	NA	NA	NA											
SR13	26/9/2019	Mid-Ebb	Fine	Moderate	12:16	14	S	1	1	14			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	26/9/2019	Mid-Ebb	Fine	Moderate	12:16	14	S	1	2	13	14		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	26/9/2019	Mid-Ebb	Fine	Moderate	12:16	14	S	1	3										NA	NA	NA	NA											
SR13	26/9/2019	Mid-Ebb	Fine	Moderate	12:16	14	M	7	1	21			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	26/9/2019	Mid-Ebb	Fine	Moderate	12:16	14	M	7	2	19	20	15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	26/9/2019	Mid-Ebb	Fine	Moderate	12:16	14	M	7	3										NA	NA	NA	NA											
SR13	26/9/2019	Mid-Ebb	Fine	Moderate	12:16	14	B	13	1	13			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	26/9/2019	Mid-Ebb	Fine	Moderate	12:16	14	B	13	2	12	13		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	26/9/2019	Mid-Ebb	Fine	Moderate	12:16	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 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	Value	Ave.	Depth	Value	Ave.	Depth				Value	Ave.	Depth
C1A	28/9/2019	Mid-Flood	Fine	Smooth	8:51	28	S	1	1	8.46	8.46	26.74	26.73	29.41	29.40	80.5	80.5	5.32	5.32	5.18	3.5	3.4	3.8	0.23	0.23	0.23	0.036	0.036	0.032	0.23	0.07	0.03	0.33	0.33	0.34
C1A	28/9/2019	Mid-Flood	Fine	Smooth	8:51	28	S	1	2	8.45		26.72		29.38		80.5		5.32			3.4			0.23			0.036			0.23	0.07	0.03	0.33		
C1A	28/9/2019	Mid-Flood	Fine	Smooth	8:51	28	S	1	3																					0.23	0.07	0.03	0.33		
C1A	28/9/2019	Mid-Flood	Fine	Smooth	8:51	28	M	14	1	8.43	8.43	27.89	27.88	28.96	28.95	73.6	73.7	5.02	5.03		3.7	3.7		0.22	0.22		0.031	0.031		0.22	0.08	0.04	0.34	0.34	
C1A	28/9/2019	Mid-Flood	Fine	Smooth	8:51	28	M	14	2	8.43		27.86		28.94		73.8		5.04			3.8			0.22			0.031			0.22	0.08	0.04	0.34		
C1A	28/9/2019	Mid-Flood	Fine	Smooth	8:51	28	M	14	3																					0.22	0.08	0.04	0.34		
C1A	28/9/2019	Mid-Flood	Fine	Smooth	8:51	28	B	27	1	8.40	8.40	28.96	28.97	28.42	28.42	68.3	68.4	4.49	4.50		4.2	4.2		0.23	0.23		0.030	0.030		0.23	0.08	0.04	0.35	0.35	
C1A	28/9/2019	Mid-Flood	Fine	Smooth	8:51	28	B	27	2	8.40		28.98		28.41		68.5		4.51			4.2			0.23			0.030			0.23	0.08	0.04	0.35		
C1A	28/9/2019	Mid-Flood	Fine	Smooth	8:51	28	B	27	3																					0.23	0.08	0.04	0.35		
C2A	28/9/2019	Mid-Flood	Fine	Smooth	6:38	13	S	1	1	8.38	8.38	28.02	28.03	28.82	28.84	86.8	86.9	6.29	6.29	6.15	2.4	2.4	2.4	0.96	0.97	1.00	0.123	0.124	0.123	0.96	0.07	0.03	1.06	1.08	1.10
C2A	28/9/2019	Mid-Flood	Fine	Smooth	6:38	13	S	1	2	8.38		28.03		28.85		86.9		6.28			2.4			0.98			0.125			0.98	0.07	0.03	1.08		
C2A	28/9/2019	Mid-Flood	Fine	Smooth	6:38	13	S	1	3																					0.99	0.07	0.03	1.09		
C2A	28/9/2019	Mid-Flood	Fine	Smooth	6:38	13	M	6.5	1	8.36	8.36	28.43	28.43	28.91	28.91	83.2	83.2	6.02	6.02		2.1	2.1		1.03	1.03		0.127	0.126		1.03	0.07	0.03	1.13	1.11	
C2A	28/9/2019	Mid-Flood	Fine	Smooth	6:38	13	M	6.5	2	8.36		28.43		28.90		83.2		6.02			2.1			1.02			0.125			1.02	0.07	0.03	1.12		
C2A	28/9/2019	Mid-Flood	Fine	Smooth	6:38	13	M	6.5	3																					0.98	0.07	0.03	1.08		
C2A	28/9/2019	Mid-Flood	Fine	Smooth	6:38	13	B	12	1	8.35	8.35	28.70	28.71	28.86	28.86	80.2	80.3	5.81	5.81		2.7	2.7		1.00	1.00		0.120	0.119		1.00	0.08	0.04	1.12	1.11	
C2A	28/9/2019	Mid-Flood	Fine	Smooth	6:38	13	B	12	2	8.35		28.71		28.85		80.3		5.81			2.7			0.99			0.119			0.99	0.08	0.04	1.11		
C2A	28/9/2019	Mid-Flood	Fine	Smooth	6:38	13	B	12	3																					0.98	0.08	0.04	1.10		
G2	28/9/2019	Mid-Flood	Fine	Smooth	8:02	12	S	1	1	8.44	8.44	27.75	27.75	29.44	29.44	81.5	81.5	5.33	5.33	5.18	2.6	2.6	2.7	NA	NA	NA	NA	NA	NA	0.22	0.07	0.03	0.32	0.32	0.34
G2	28/9/2019	Mid-Flood	Fine	Smooth	8:02	12	S	1	2	8.44		27.75		29.44		81.5		5.33			2.6			NA			NA			0.23	0.07	0.03	0.33		
G2	28/9/2019	Mid-Flood	Fine	Smooth	8:02	12	S	1	3																					0.22	0.07	0.03	0.32		
G2	28/9/2019	Mid-Flood	Fine	Smooth	8:02	12	M	6	1	8.42	8.42	28.36	28.37	29.31	29.31	76.7	76.7	5.02	5.02		2.3	2.3		NA	NA		NA	NA		0.23	0.07	0.03	0.33	0.33	
G2	28/9/2019	Mid-Flood	Fine	Smooth	8:02	12	M	6	2	8.42		28.38		29.30		76.7		5.02			2.3			NA			NA			0.23	0.07	0.03	0.33		
G2	28/9/2019	Mid-Flood	Fine	Smooth	8:02	12	M	6	3																					0.23	0.07	0.03	0.33		
G2	28/9/2019	Mid-Flood	Fine	Smooth	8:02	12	B	11	1	8.40	8.40	29.41	29.41	29.28	29.27	70.4	70.4	4.56	4.56		3.2	3.2		NA	NA		NA	NA		0.24	0.08	0.04	0.36	0.36	
G2	28/9/2019	Mid-Flood	Fine	Smooth	8:02	12	B	11	2	8.40		29.41		29.26		70.4		4.56			3.2			NA			NA			0.24	0.08	0.04	0.36		
G2	28/9/2019	Mid-Flood	Fine	Smooth	8:02	12	B	11	3																					0.23	0.08	0.04	0.35		
SR4	28/9/2019	Mid-Flood	Fine	Smooth	7:41	4	S	1	1	8.44	8.44	28.28	28.27	28.76	28.77	66.4	66.4	4.29	4.29	4.29	4.9	4.9	5.0	0.23	0.23	0.23	0.033	0.033	0.032	NA	NA	NA	NA	NA	NA
SR4	28/9/2019	Mid-Flood	Fine	Smooth	7:41	4	S	1	2	8.44		28.26		28.78		66.4		4.29			4.9			0.23			0.033			NA	NA	NA	NA		
SR4	28/9/2019	Mid-Flood	Fine	Smooth	7:41	4	S	1	3																					NA	NA	NA	NA		
SR4	28/9/2019	Mid-Flood	Fine	Smooth	7:41	4	M		1																					NA	NA	NA	NA		
SR4	28/9/2019	Mid-Flood	Fine	Smooth	7:41	4	M		2		NA		NA		NA		NA		NA			NA			NA			NA			NA	NA	NA	NA	NA	NA
SR4	28/9/2019	Mid-Flood	Fine	Smooth	7:41	4	M		3																					NA	NA	NA	NA		
SR4	28/9/2019	Mid-Flood	Fine	Smooth	7:41	4	B	3	1	8.42	8.43	28.31	28.32	28.88	28.89	65.2	65.2	4.26	4.26		5.2	5.1		0.22	0.22		0.031	0.031		NA	NA	NA	NA	NA	
SR4	28/9/2019	Mid-Flood	Fine	Smooth	7:41	4	B	3	2	8.43		28.33		28.89		65.2		4.26			5.1			0.22			0.031			NA	NA	NA	NA		
SR4	28/9/2019	Mid-Flood	Fine	Smooth	7:41	4	B	3	3																					NA	NA	NA	NA		
SR5	28/9/2019	Mid-Flood	Fine	Smooth	8:23	11	S	1	1	8.43	8.43	28.47	28.47	28.73	28.76	81.5	81.2	5.12	5.12	5.07	4.1	4.1	4.8	NA	NA	NA	NA	NA	NA	0.27	0.08	0.03	0.38	0.38	0.38
SR5	28/9/2019	Mid-Flood	Fine	Smooth	8:23	11	S	1	2	8.43		28.47		28.78		80.8		5.11			4.1			NA			NA			0.27	0.08	0.03	0.38		
SR5	28/9/2019	Mid-Flood	Fine	Smooth	8:23	11	S	1	3																					0.27	0.08	0.03	0.38		
SR5	28/9/2019	Mid-Flood	Fine	Smooth	8:23	11	M	5.5	1	8.40	8.40	28.74	28.74	28.53	28.55	75.3	75.2	5.03	5.03		5.0	5.1		NA	NA		NA	NA		0.26	0.08	0.03	0.37	0.37	
SR5	28/9/2019	Mid-Flood	Fine	Smooth	8:23	11	M	5.5	2	8.40		28.74		28.56		75.1		5.03			5.1			NA			NA			0.26	0.08	0.03	0.37		
SR5	28/9/2019	Mid-Flood	Fine	Smooth	8:23	11	M	5.5	3																					0.26	0.08	0.03	0.37		
SR5	28/9/2019	Mid-Flood	Fine	Smooth	8:23	11	B	10	1	8.38	8.38	28.98	28.97	28.43	28.44	68.1	68.1	4.32	4.32		5.2	5.2		NA	NA		NA	NA		0.27	0.09	0.04	0.40	0.40	
SR5	28/9/2019	Mid-Flood	Fine	Smooth	8:23	11	B	10	2	8.38		28.96		28.44		68.0		4.32			5.2			NA			NA			0.26	0.09	0.04	0.39		
SR5	28/9/2019	Mid-Flood	Fine	Smooth	8:23	11	B	10	3																					0.27	0.09	0.04	0.40		
SR12	28/9/2019	Mid-Flood	Fine	Smooth	7:16	15	S	1	1	8.43	8.43	28.26	28.27	28.91	28.93	68.8	68.8	4.55	4.55	4.44	3.7	3.7	4.1	0.82	0.83	0.82	0.116	0.117	0.111	NA	NA	NA	NA	NA	NA
SR12	28/9/2019	Mid-Flood	Fine	Smooth	7:16	15	S	1	2	8.43		28.28		28.94		68.8		4.55			3.7			0.83			0.118			NA	NA	NA	NA		
SR12	28/9/2019	Mid-Flood	Fine	Smooth	7:16	15	S	1	3																					NA	NA	NA	NA		
SR12	28/9/2019	Mid-Flood	Fine	Smooth	7:16	15	M	7.5	1	8.41	8.41	28.42	28.45	28.99	28.98	65.8	65.8	4.33	4.33		3.6	3.6		0.82	0.82		0.112	0.112		NA	NA	NA	NA	NA	
SR12	28/9/2019	Mid-Flood	Fine	Smooth	7:16	15	M	7.5	2	8.41		28.47		28.96		65.8		4.33			3.6			0.82			0.112			NA	NA	NA	NA		
SR12	28/9/2019	Mid-Flood	Fine	Smooth	7:16	15	M	7.5	3																					NA	NA	NA	NA		
SR12	28/9/2019	Mid-Flood	Fine	Smooth	7:16	15	B	14	1	8.39	8.39	28.72	28.74	28.76	28.76	63.2	63.2	4.09	4.09		5.0	5.0		0.80	0.80		0.103	0.103		NA	NA	NA	NA	NA	
SR12	28/9/2019	Mid-Flood	Fine	Smooth	7:16	15	B	14	2	8.39		28.76		28.75		63.2		4.09			5.0			0.80			0.103			NA	NA	NA	NA		
SR12	28/9/2019	Mid-Flood	Fine	Smooth	7:16	15	B	14	3																					NA	NA	NA	NA		
SR13	28/9/2019	Mid-Flood	Fine	Smooth	6:59	14	S	1	1	8.42	8.42	27.99	27.99	29.15	29.17	71.8	71.8	4.77	4.77	4.68	3.1	3.1	3.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	28/9/2019	Mid-Flood	Fine	Smooth	6:59	14	S	1	2	8.42		27.98		29.18		71.7		4.76			3.1			NA			NA			NA	NA	NA	NA		
SR13	28/9/2019	Mid-Flood	Fine	Smooth	6:59	14	S	1	3																					NA	NA	NA	NA		
SR13	28/9/2019	Mid-Flood	Fine	Smooth	6:59	14	M	7	1	8.41	8.41	28.03	28.03	29.12	29.13	70.1	70.1	4.59	4.59		2.9	3.0		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	28/9/2019	Mid-Flood	Fine	Smooth	6:59	14	M	7	2	8.41		28.03		29.13		70.1		4.59			3.0			NA			NA			NA	NA	NA	NA		
SR13	28/9/2019	Mid-Flood	Fine	Smooth	6:59	14	M	7	3																					NA	NA	NA	NA		
SR13	28/9/2019	Mid-Flood	Fine	Smooth	6:59	14	B	13	1	8.38	8.38	28.38	28.40	28.94	28.95	68.2	68.2	4.48	4.48		3.7	3.7		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	28/9/2019	Mid-Flood	Fine	Smooth	6:59	14	B	13	2	8.38		28.41		28.95		68.2		4.48			3.6			NA			NA			NA	NA	NA	NA		
SR13	28/9/2019	Mid-Flood	Fine	Smooth	6:59	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 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	28/9/2019	Mid-Flood	Fine	Smooth	8:51	28	S	1	1	8			0.23			0.036			0.23	0.07	0.03	0.33			340			NA			<1		
C1A	28/9/2019	Mid-Flood	Fine	Smooth	8:51	28	S	1	2	8	8		0.23	0.23		0.036	0.036		0.23	0.07	0.03	0.33	0.34		370	355		NA	NA		1	1	
C1A	28/9/2019	Mid-Flood	Fine	Smooth	8:51	28	S	1	3										0.24	0.08	0.03	0.35											
C1A	28/9/2019	Mid-Flood	Fine	Smooth	8:51	28	M	14	1	7			0.22			0.031			0.22	0.08	0.03	0.33			270			NA			<1		
C1A	28/9/2019	Mid-Flood	Fine	Smooth	8:51	28	M	14	2	8	8	7	0.22	0.22	0.22	0.031	0.031	0.032	0.22	0.08	0.04	0.34	0.33	0.33	290	280	304	NA	NA	NA	<1	1	1
C1A	28/9/2019	Mid-Flood	Fine	Smooth	8:51	28	M	14	3										0.22	0.08	0.03	0.33											
C1A	28/9/2019	Mid-Flood	Fine	Smooth	8:51	28	B	27	1	7			0.21			0.027			0.21	0.08	0.03	0.32			260			NA			<1		
C1A	28/9/2019	Mid-Flood	Fine	Smooth	8:51	28	B	27	2	6	7		0.22	0.22		0.028	0.028		0.22	0.06	0.03	0.31	0.32		310	284		NA	NA		<1	1	
C1A	28/9/2019	Mid-Flood	Fine	Smooth	8:51	28	B	27	3										0.23	0.07	0.03	0.33											
C2A	28/9/2019	Mid-Flood	Fine	Smooth	6:38	13	S	1	1	8			1.00			0.128			1.00	0.06	0.03	1.09			####			NA			2		
C2A	28/9/2019	Mid-Flood	Fine	Smooth	6:38	13	S	1	2	8	8		0.94	0.97		0.120	0.124		0.94	0.07	0.03	1.04	1.06		####	####		NA	NA		3	3	
C2A	28/9/2019	Mid-Flood	Fine	Smooth	6:38	13	S	1	3										0.96	0.07	0.03	1.06											
C2A	28/9/2019	Mid-Flood	Fine	Smooth	6:38	13	M	6.5	1	5			0.96			0.118			0.96	0.07	0.03	1.06			####			NA			2		
C2A	28/9/2019	Mid-Flood	Fine	Smooth	6:38	13	M	6.5	2	5	5	7	0.96	0.96	0.97	0.118	0.118	0.120	0.96	0.07	0.03	1.06	1.04	1.07	####	####	####	NA	NA	NA	2	2	2
C2A	28/9/2019	Mid-Flood	Fine	Smooth	6:38	13	M	6.5	3										0.91	0.07	0.03	1.01											
C2A	28/9/2019	Mid-Flood	Fine	Smooth	6:38	13	B	12	1	6			1.00			0.120			1.00	0.08	0.03	1.11			####			NA			2		
C2A	28/9/2019	Mid-Flood	Fine	Smooth	6:38	13	B	12	2	7	7		0.98	0.99		0.118	0.119		0.98	0.07	0.03	1.08	1.09		####	####		NA	NA		2	2	
C2A	28/9/2019	Mid-Flood	Fine	Smooth	6:38	13	B	12	3										0.98	0.07	0.03	1.08											
G2	28/9/2019	Mid-Flood	Fine	Smooth	8:02	12	S	1	1	5			NA			NA			0.22	0.07	0.03	0.32			NA			NA			NA		
G2	28/9/2019	Mid-Flood	Fine	Smooth	8:02	12	S	1	2	5	5		NA	NA		NA	NA		0.23	0.07	0.03	0.33	0.32		NA	NA		NA	NA		NA	NA	
G2	28/9/2019	Mid-Flood	Fine	Smooth	8:02	12	S	1	3										0.20	0.07	0.03	0.30											
G2	28/9/2019	Mid-Flood	Fine	Smooth	8:02	12	M	6	1	8			NA			NA			0.22	0.07	0.03	0.32			NA			NA			NA		
G2	28/9/2019	Mid-Flood	Fine	Smooth	8:02	12	M	6	2	8	8	6	NA	NA	NA	NA	NA	NA	0.22	0.07	0.03	0.32	0.33	0.32	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	28/9/2019	Mid-Flood	Fine	Smooth	8:02	12	M	6	3										0.23	0.08	0.03	0.34											
G2	28/9/2019	Mid-Flood	Fine	Smooth	8:02	12	B	11	1	5			NA			NA			0.21	0.07	0.03	0.31			NA			NA			NA		
G2	28/9/2019	Mid-Flood	Fine	Smooth	8:02	12	B	11	2	6	6		NA	NA		NA	NA		0.24	0.07	0.04	0.35	0.32		NA	NA		NA	NA		NA	NA	
G2	28/9/2019	Mid-Flood	Fine	Smooth	8:02	12	B	11	3										0.21	0.07	0.03	0.31											
SR4	28/9/2019	Mid-Flood	Fine	Smooth	7:41	4	S	1	1	9			0.23			0.033			NA	NA	NA	NA			260			NA			3		
SR4	28/9/2019	Mid-Flood	Fine	Smooth	7:41	4	S	1	2	10	10		0.22	0.23		0.032	0.032		NA	NA	NA	NA	NA		340	297		NA	NA		3	3	
SR4	28/9/2019	Mid-Flood	Fine	Smooth	7:41	4	S	1	3										NA	NA	NA	NA											
SR4	28/9/2019	Mid-Flood	Fine	Smooth	7:41	4	M		1										NA	NA	NA	NA											
SR4	28/9/2019	Mid-Flood	Fine	Smooth	7:41	4	M		2		NA	10		NA	0.22		NA	0.030	NA	NA	NA	NA	NA	NA		NA	264	NA	NA	NA		NA	3
SR4	28/9/2019	Mid-Flood	Fine	Smooth	7:41	4	M		3										NA	NA	NA	NA											
SR4	28/9/2019	Mid-Flood	Fine	Smooth	7:41	4	B	3	1	10			0.20			0.028			NA	NA	NA	NA			220			NA			3		
SR4	28/9/2019	Mid-Flood	Fine	Smooth	7:41	4	B	3	2	10	10		0.21	0.21		0.029	0.029		NA	NA	NA	NA	NA		250	235		NA	NA		4	3	
SR4	28/9/2019	Mid-Flood	Fine	Smooth	7:41	4	B	3	3										NA	NA	NA	NA											
SR5	28/9/2019	Mid-Flood	Fine	Smooth	8:23	11	S	1	1	9			NA			NA			0.27	0.08	0.03	0.38			NA			NA			NA		
SR5	28/9/2019	Mid-Flood	Fine	Smooth	8:23	11	S	1	2	9	9		NA	NA		NA	NA		0.26	0.08	0.03	0.37	0.37		NA	NA		NA	NA		NA	NA	
SR5	28/9/2019	Mid-Flood	Fine	Smooth	8:23	11	S	1	3										0.26	0.08	0.03	0.37											
SR5	28/9/2019	Mid-Flood	Fine	Smooth	8:23	11	M	5.5	1	12			NA			NA			0.26	0.08	0.03	0.37			NA			NA			NA		
SR5	28/9/2019	Mid-Flood	Fine	Smooth	8:23	11	M	5.5	2	12	12	10	NA	NA	NA	NA	NA	NA	0.26	0.08	0.03	0.37	0.37	0.37	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	28/9/2019	Mid-Flood	Fine	Smooth	8:23	11	M	5.5	3										0.25	0.08	0.04	0.37											
SR5	28/9/2019	Mid-Flood	Fine	Smooth	8:23	11	B	10	1	9			NA			NA			0.25	0.08	0.03	0.36			NA			NA			NA		
SR5	28/9/2019	Mid-Flood	Fine	Smooth	8:23	11	B	10	2	10	10		NA	NA		NA	NA		0.25	0.08	0.03	0.36	0.37		NA	NA		NA	NA		NA	NA	
SR5	28/9/2019	Mid-Flood	Fine	Smooth	8:23	11	B	10	3										0.27	0.08	0.03	0.38											
SR12	28/9/2019	Mid-Flood	Fine	Smooth	7:16	15	S	1	1	5			0.81			0.115			NA	NA	NA	NA			####			NA			<1		
SR12	28/9/2019	Mid-Flood	Fine	Smooth	7:16	15	S	1	2	4	5		0.80	0.81		0.113	0.114		NA	NA	NA	NA	NA		####	####		NA	NA		<1	1	
SR12	28/9/2019	Mid-Flood	Fine	Smooth	7:16	15	S	1	3										NA	NA	NA	NA											
SR12	28/9/2019	Mid-Flood	Fine	Smooth	7:16	15	M	7.5	1	5			0.82			0.112			NA	NA	NA	NA			####			NA			<1		
SR12	28/9/2019	Mid-Flood	Fine	Smooth	7:16	15	M	7.5	2	6	6	5	0.81	0.82	0.81	0.111	0.111	0.109	NA	NA	NA	NA	NA	NA	####	####	####	NA	NA	NA	<1	1	1
SR12	28/9/2019	Mid-Flood	Fine	Smooth	7:16	15	M	7.5	3										NA	NA	NA	NA											
SR12	28/9/2019	Mid-Flood	Fine	Smooth	7:16	15	B	14	1	5			0.81			0.105			NA	NA	NA	NA			####			NA			<1		
SR12	28/9/2019	Mid-Flood	Fine	Smooth	7:16	15	B	14	2	4	5		0.78	0.80		0.101	0.103		NA	NA	NA	NA	NA		####	####		NA	NA		<1	1	
SR12	28/9/2019	Mid-Flood	Fine	Smooth	7:16	15	B	14	3										NA	NA	NA	NA											
SR13	28/9/2019	Mid-Flood	Fine	Smooth	6:59	14	S	1	1	9			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	28/9/2019	Mid-Flood	Fine	Smooth	6:59	14	S	1	2	8	9		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	28/9/2019	Mid-Flood	Fine	Smooth	6:59	14	S	1	3										NA	NA	NA	NA											
SR13	28/9/2019	Mid-Flood	Fine	Smooth	6:59	14	M	7	1	9			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	28/9/2019	Mid-Flood	Fine	Smooth	6:59	14	M	7	2	8	9	8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	28/9/2019	Mid-Flood	Fine	Smooth	6:59	14	M	7	3										NA	NA	NA	NA											
SR13	28/9/2019	Mid-Flood	Fine	Smooth	6:59	14	B	13	1	8			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	28/9/2019	Mid-Flood	Fine	Smooth	6:59	14	B	13	2	7	8		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	28/9/2019	Mid-Flood	Fine	Smooth	6:59	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 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-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth	Value	Ave.	Depth	Value	Ave.	Depth				Value	Ave.	Depth
C1A	28/9/2019	Mid-Ebb	Fine	Smooth	9:37	28	S	1	1	8.46	8.46	26.72	26.73	29.53	29.54	80.3	80.2	5.30	5.29	5.15	3.5	3.6	3.9	0.22	0.22	0.22	0.035	0.035	0.032	0.22	0.08	0.03	0.33	0.33	0.34
C1A	28/9/2019	Mid-Ebb	Fine	Smooth	9:37	28	S	1	2	8.46		26.73		29.54		80.1		5.28			3.6			0.22			0.035			0.22	0.08	0.03	0.33		
C1A	28/9/2019	Mid-Ebb	Fine	Smooth	9:37	28	S	1	3																					0.22	0.08	0.03	0.33		
C1A	28/9/2019	Mid-Ebb	Fine	Smooth	9:37	28	M	14	1	8.43	8.42	27.98	27.99	28.94	28.94	73.4	73.4	5.00	5.00		3.7	3.7		0.22	0.22		0.030	0.030		0.22	0.08	0.03	0.33	0.33	
C1A	28/9/2019	Mid-Ebb	Fine	Smooth	9:37	28	M	14	2	8.40		27.99		28.94		73.4		5.00			3.7			0.22			0.030			0.22	0.08	0.03	0.33		
C1A	28/9/2019	Mid-Ebb	Fine	Smooth	9:37	28	M	14	3																					0.22	0.08	0.03	0.33		
C1A	28/9/2019	Mid-Ebb	Fine	Smooth	9:37	28	B	27	1	8.40	8.40	28.98	28.98	28.38	28.38	67.8	67.8	4.44	4.44		4.4	4.4		0.23	0.23		0.030	0.030		0.23	0.09	0.04	0.36	0.36	
C1A	28/9/2019	Mid-Ebb	Fine	Smooth	9:37	28	B	27	2	8.40		28.98		28.38		67.8		4.44			4.3			0.23			0.030			0.23	0.09	0.04	0.36		
C1A	28/9/2019	Mid-Ebb	Fine	Smooth	9:37	28	B	27	3																					0.23	0.09	0.04	0.36		
C2A	28/9/2019	Mid-Ebb	Fine	Smooth	11:44	13	S	1	1	8.40	8.40	28.46	28.47	28.93	28.93	85.2	85.3	6.13	6.14	6.06	2.4	2.5	2.5	0.97	0.97	0.96	0.129	0.128	0.122	0.97	0.07	0.03	1.07	1.07	1.07
C2A	28/9/2019	Mid-Ebb	Fine	Smooth	11:44	13	S	1	2	8.40		28.47		28.92		85.3		6.14			2.5			0.96			0.128			0.96	0.07	0.03	1.06		
C2A	28/9/2019	Mid-Ebb	Fine	Smooth	11:44	13	S	1	3																					0.97	0.07	0.03	1.07		
C2A	28/9/2019	Mid-Ebb	Fine	Smooth	11:44	13	M	6.5	1	8.38	8.38	28.68	28.67	28.89	28.89	82.8	82.7	5.98	5.98		2.4	2.4		0.95	0.95		0.121	0.121		0.95	0.08	0.03	1.06	1.06	
C2A	28/9/2019	Mid-Ebb	Fine	Smooth	11:44	13	M	6.5	2	8.38		28.66		28.88		82.6		5.98			2.4			0.95			0.121			0.95	0.08	0.03	1.06		
C2A	28/9/2019	Mid-Ebb	Fine	Smooth	11:44	13	M	6.5	3																					0.96	0.08	0.03	1.07		
C2A	28/9/2019	Mid-Ebb	Fine	Smooth	11:44	13	B	12	1	8.36	8.36	29.04	29.03	28.79	28.78	79.9	79.9	5.77	5.77		2.7	2.7		0.97	0.97		0.118	0.117		0.97	0.09	0.04	1.10	1.09	
C2A	28/9/2019	Mid-Ebb	Fine	Smooth	11:44	13	B	12	2	8.36		29.02		28.76		79.9		5.77			2.8			0.96			0.117			0.96	0.09	0.04	1.09		
C2A	28/9/2019	Mid-Ebb	Fine	Smooth	11:44	13	B	12	3																					0.95	0.08	0.04	1.07		
G2	28/9/2019	Mid-Ebb	Fine	Smooth	10:28	12	S	1	1	8.44	8.44	27.81	27.82	29.34	29.32	80.8	80.8	5.26	5.26	5.18	2.8	2.8	3.0	NA	NA	NA	NA	NA	NA	0.22	0.07	0.03	0.32	0.33	0.33
G2	28/9/2019	Mid-Ebb	Fine	Smooth	10:28	12	S	1	2	8.44		27.82		29.30		80.8		5.26			2.8			NA			NA			0.24	0.07	0.03	0.34		
G2	28/9/2019	Mid-Ebb	Fine	Smooth	10:28	12	S	1	3																					0.24	0.07	0.03	0.34		
G2	28/9/2019	Mid-Ebb	Fine	Smooth	10:28	12	M	6	1	8.41	8.41	28.40	28.39	29.22	29.22	77.4	77.4	5.09	5.09		2.7	2.7		NA	NA		NA	NA		0.22	0.07	0.03	0.32	0.32	
G2	28/9/2019	Mid-Ebb	Fine	Smooth	10:28	12	M	6	2	8.41		28.38		29.22		77.4		5.09			2.7			NA			NA			0.22	0.07	0.03	0.32		
G2	28/9/2019	Mid-Ebb	Fine	Smooth	10:28	12	M	6	3																					0.22	0.07	0.03	0.32		
G2	28/9/2019	Mid-Ebb	Fine	Smooth	10:28	12	B	11	1	8.39	8.39	29.38	29.38	29.20	29.19	71.3	71.3	4.65	4.65		3.4	3.5		NA	NA		NA	NA		0.24	0.08	0.03	0.35	0.35	
G2	28/9/2019	Mid-Ebb	Fine	Smooth	10:28	12	B	11	2	8.39		29.38		29.18		71.3		4.65			3.5			NA			NA			0.23	0.08	0.03	0.34		
G2	28/9/2019	Mid-Ebb	Fine	Smooth	10:28	12	B	11	3																					0.24	0.08	0.03	0.35		
SR4	28/9/2019	Mid-Ebb	Fine	Smooth	10:51	4	S	1	1	8.44	8.44	28.28	28.29	28.81	28.80	66.1	66.1	4.26	4.26	4.26	4.9	4.9	5.1	0.22	0.22	0.22	0.032	0.032	0.031	NA	NA	NA	NA	NA	NA
SR4	28/9/2019	Mid-Ebb	Fine	Smooth	10:51	4	S	1	2	8.44		28.29		28.79		66.1		4.26			5.0			0.22			0.032			NA	NA	NA	NA		
SR4	28/9/2019	Mid-Ebb	Fine	Smooth	10:51	4	S	1	3																					NA	NA	NA	NA		
SR4	28/9/2019	Mid-Ebb	Fine	Smooth	10:51	4	M		1																					NA	NA	NA	NA		
SR4	28/9/2019	Mid-Ebb	Fine	Smooth	10:51	4	M		2		NA		NA		NA		NA		NA											NA	NA	NA	NA	NA	NA
SR4	28/9/2019	Mid-Ebb	Fine	Smooth	10:51	4	M		3																					NA	NA	NA	NA		
SR4	28/9/2019	Mid-Ebb	Fine	Smooth	10:51	4	B	3	1	8.42	8.42	28.34	28.35	28.91	28.92	64.9	64.9	4.23	4.23		5.2	5.2		0.23	0.23		0.032	0.031		NA	NA	NA	NA	NA	
SR4	28/9/2019	Mid-Ebb	Fine	Smooth	10:51	4	B	3	2	8.42		28.36		28.93		64.9		4.23			5.2			0.22			0.031			NA	NA	NA	NA		
SR4	28/9/2019	Mid-Ebb	Fine	Smooth	10:51	4	B	3	3																					NA	NA	NA	NA		
SR5	28/9/2019	Mid-Ebb	Fine	Smooth	10:04	11	S	1	1	8.44	8.44	28.51	28.52	28.81	28.81	81.2	81.1	5.10	5.11	5.01	3.7	3.6	4.7	NA	NA	NA	NA	NA	NA	0.26	0.08	0.03	0.37	0.36	0.38
SR5	28/9/2019	Mid-Ebb	Fine	Smooth	10:04	11	S	1	2	8.44		28.52		28.81		81.0		5.11			3.6			NA			NA			0.25	0.08	0.03	0.36		
SR5	28/9/2019	Mid-Ebb	Fine	Smooth	10:04	11	S	1	3																					0.25	0.08	0.03	0.36		
SR5	28/9/2019	Mid-Ebb	Fine	Smooth	10:04	11	M	5.5	1	8.41	8.41	28.76	28.77	28.58	28.57	76.3	76.1	4.91	4.91		5.2	5.2		NA	NA		NA	NA		0.26	0.08	0.04	0.38	0.38	
SR5	28/9/2019	Mid-Ebb	Fine	Smooth	10:04	11	M	5.5	2	8.41		28.78		28.56		75.8		4.91			5.2			NA			NA			0.26	0.08	0.04	0.38		
SR5	28/9/2019	Mid-Ebb	Fine	Smooth	10:04	11	M	5.5	3																					0.26	0.08	0.04	0.38		
SR5	28/9/2019	Mid-Ebb	Fine	Smooth	10:04	11	B	10	1	8.38	8.38	28.84	28.85	28.49	28.49	65.1	65.1	4.21	4.23		5.3	5.3		NA	NA		NA	NA		0.25	0.09	0.04	0.38	0.38	
SR5	28/9/2019	Mid-Ebb	Fine	Smooth	10:04	11	B	10	2	8.38		28.86		28.48		65.0		4.25			5.3			NA			NA			0.26	0.09	0.04	0.39		
SR5	28/9/2019	Mid-Ebb	Fine	Smooth	10:04	11	B	10	3																					0.25	0.09	0.04	0.38		
SR12	28/9/2019	Mid-Ebb	Fine	Smooth	11:11	15	S	1	1	8.44	8.44	28.31	28.35	29.09	29.10	72.1	72.1	4.80	4.80	4.72	3.8	3.6	3.5	0.79	0.80	0.80	0.115	0.116	0.111	NA	NA	NA	NA	NA	NA
SR12	28/9/2019	Mid-Ebb	Fine	Smooth	11:11	15	S	1	2	8.44		28.38		29.11		72.1		4.80			3.4			0.80			0.117			NA	NA	NA	NA		
SR12	28/9/2019	Mid-Ebb	Fine	Smooth	11:11	15	S	1	3																					NA	NA	NA	NA		
SR12	28/9/2019	Mid-Ebb	Fine	Smooth	11:11	15	M	7.5	1	8.42	8.42	28.49	28.49	28.96	28.96	70.5	70.6	4.63	4.64		3.1	3.1		0.81	0.81		0.113	0.113		NA	NA	NA	NA	NA	NA
SR12	28/9/2019	Mid-Ebb	Fine	Smooth	11:11	15	M	7.5	2	8.42		28.49		28.95		70.6		4.64			3.2			0.81			0.113			NA	NA	NA	NA		
SR12	28/9/2019	Mid-Ebb	Fine	Smooth	11:11	15	M	7.5	3																					NA	NA	NA	NA		
SR12	28/9/2019	Mid-Ebb	Fine	Smooth	11:11	15	B	14	1	8.40	8.40	28.83	28.83	28.89	28.89	69.3	69.3	4.58	4.58		3.7	3.7		0.79	0.79		0.105	0.105		NA	NA	NA	NA	NA	
SR12	28/9/2019	Mid-Ebb	Fine	Smooth	11:11	15	B	14	2	8.40		28.83		28.89		69.3		4.58			3.7			0.79			0.105			NA	NA	NA	NA		
SR12	28/9/2019	Mid-Ebb	Fine	Smooth	11:11	15	B	14	3																					NA	NA	NA	NA		
SR13	28/9/2019	Mid-Ebb	Fine	Smooth	11:27	14	S	1	1	8.44	8.44	28.28	28.29	29.36	29.38	73.4	73.5	4.83	4.84	4.78	3.3	3.3	3.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	28/9/2019	Mid-Ebb	Fine	Smooth	11:27	14	S	1	2	8.44		28.29		29.39		73.6		4.85			3.3			NA			NA			NA	NA	NA	NA		
SR13	28/9/2019	Mid-Ebb	Fine	Smooth	11:27	14	S	1	3																					NA	NA	NA	NA		
SR13	28/9/2019	Mid-Ebb	Fine	Smooth	11:27	14	M	7	1	8.42	8.42	28.51	28.50	29.22	29.23	71.4	71.3	4.73	4.72		3.0	3.1		NA	NA		NA	NA		NA	NA	NA	NA	NA	NA
SR13	28/9/2019	Mid-Ebb	Fine	Smooth	11:27	14	M	7	2	8.42		28.49		29.23		71.2		4.71			3.1			NA			NA			NA	NA	NA	NA		
SR13	28/9/2019	Mid-Ebb	Fine	Smooth	11:27	14	M	7	3																					NA	NA	NA	NA		
SR13	28/9/2019	Mid-Ebb	Fine	Smooth	11:27	14	B	13	1	8.40	8.40	28.81	28.81	28.97	28.98	69.1	69.1	4.56	4.56		3.8	3.8		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	28/9/2019	Mid-Ebb	Fine	Smooth	11:27	14	B	13	2	8.40		28.80		28.99		69.1		4.56			3.8			NA			NA			NA	NA	NA	NA		
SR13	28/9/2019	Mid-Ebb	Fine	Smooth	11:27	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 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	28/9/2019	Mid-Ebb	Fine	Smooth	9:37	28	S	1	1	8			0.22			0.035			0.22	0.08	0.03	0.33			190			NA			<1		
C1A	28/9/2019	Mid-Ebb	Fine	Smooth	9:37	28	S	1	2	8	8		0.22	0.22		0.035	0.035		0.22	0.08	0.03	0.33	0.33		240	214		NA	NA		<1	1	
C1A	28/9/2019	Mid-Ebb	Fine	Smooth	9:37	28	S	1	3										0.23	0.07	0.04	0.34											
C1A	28/9/2019	Mid-Ebb	Fine	Smooth	9:37	28	M	14	1	6			0.21			0.029			0.21	0.08	0.03	0.32			270			NA			1		
C1A	28/9/2019	Mid-Ebb	Fine	Smooth	9:37	28	M	14	2	7	7	7	0.22	0.22	0.22	0.030	0.030	0.031	0.22	0.08	0.03	0.33	0.33	0.33	210	238	262	NA	NA	NA	1	1	1
C1A	28/9/2019	Mid-Ebb	Fine	Smooth	9:37	28	M	14	3										0.22	0.07	0.04	0.33											
C1A	28/9/2019	Mid-Ebb	Fine	Smooth	9:37	28	B	27	1	7			0.21			0.027			0.21	0.08	0.03	0.32			340			NA			1		
C1A	28/9/2019	Mid-Ebb	Fine	Smooth	9:37	28	B	27	2	7	7		0.23	0.22		0.030	0.028		0.23	0.08	0.03	0.34	0.33		370	355		NA	NA		1	1	
C1A	28/9/2019	Mid-Ebb	Fine	Smooth	9:37	28	B	27	3										0.23	0.08	0.03	0.34											
C2A	28/9/2019	Mid-Ebb	Fine	Smooth	11:44	13	S	1	1	8			0.95			0.127			0.95	0.07	0.03	1.05			####			NA			2		
C2A	28/9/2019	Mid-Ebb	Fine	Smooth	11:44	13	S	1	2	8	8		0.98	0.97		0.131	0.129		0.98	0.07	0.03	1.08	1.07		####	####		NA	NA		2	2	
C2A	28/9/2019	Mid-Ebb	Fine	Smooth	11:44	13	S	1	3										0.97	0.08	0.03	1.08											
C2A	28/9/2019	Mid-Ebb	Fine	Smooth	11:44	13	M	6.5	1	7			0.94			0.120			0.94	0.08	0.03	1.05			####			NA			3		
C2A	28/9/2019	Mid-Ebb	Fine	Smooth	11:44	13	M	6.5	2	8	8	8	0.96	0.95	0.95	0.123	0.121	0.121	0.96	0.07	0.03	1.06	1.06	1.06	####	####	####	NA	NA	NA	3	3	3
C2A	28/9/2019	Mid-Ebb	Fine	Smooth	11:44	13	M	6.5	3										0.96	0.07	0.03	1.06											
C2A	28/9/2019	Mid-Ebb	Fine	Smooth	11:44	13	B	12	1	7			0.92			0.112			0.92	0.07	0.03	1.02			####			NA			3		
C2A	28/9/2019	Mid-Ebb	Fine	Smooth	11:44	13	B	12	2	7	7		0.96	0.94		0.117	0.114		0.96	0.08	0.03	1.07	1.05		####	####		NA	NA		3	3	
C2A	28/9/2019	Mid-Ebb	Fine	Smooth	11:44	13	B	12	3										0.94	0.08	0.03	1.05											
G2	28/9/2019	Mid-Ebb	Fine	Smooth	10:28	12	S	1	1	5			NA			NA			0.20	0.07	0.03	0.30			NA			NA			NA		
G2	28/9/2019	Mid-Ebb	Fine	Smooth	10:28	12	S	1	2	6	6		NA	NA		NA	NA		0.24	0.07	0.03	0.34	0.32		NA	NA		NA	NA		NA	NA	
G2	28/9/2019	Mid-Ebb	Fine	Smooth	10:28	12	S	1	3										0.22	0.07	0.03	0.32											
G2	28/9/2019	Mid-Ebb	Fine	Smooth	10:28	12	M	6	1	5			NA			NA			0.22	0.07	0.03	0.32			NA			NA			NA		
G2	28/9/2019	Mid-Ebb	Fine	Smooth	10:28	12	M	6	2	5	5	6	NA	NA	NA	NA	NA	NA	0.22	0.07	0.03	0.32	0.32	0.32	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	28/9/2019	Mid-Ebb	Fine	Smooth	10:28	12	M	6	3										0.22	0.07	0.03	0.32											
G2	28/9/2019	Mid-Ebb	Fine	Smooth	10:28	12	B	11	1	6			NA			NA			0.24	0.07	0.03	0.34			NA			NA			NA		
G2	28/9/2019	Mid-Ebb	Fine	Smooth	10:28	12	B	11	2	7	7		NA	NA		NA	NA		0.21	0.07	0.03	0.31	0.32		NA	NA		NA	NA		NA	NA	
G2	28/9/2019	Mid-Ebb	Fine	Smooth	10:28	12	B	11	3										0.21	0.07	0.03	0.31											
SR4	28/9/2019	Mid-Ebb	Fine	Smooth	10:51	4	S	1	1	8			0.21			0.030			NA	NA	NA	NA			240			NA			<1		
SR4	28/9/2019	Mid-Ebb	Fine	Smooth	10:51	4	S	1	2	9	9		0.21	0.21		0.030	0.030		NA	NA	NA	NA	NA		260	250		NA	NA		<1	1	
SR4	28/9/2019	Mid-Ebb	Fine	Smooth	10:51	4	S	1	3										NA	NA	NA	NA											
SR4	28/9/2019	Mid-Ebb	Fine	Smooth	10:51	4	M		1										NA	NA	NA	NA						NA			NA		
SR4	28/9/2019	Mid-Ebb	Fine	Smooth	10:51	4	M		2		NA	10		NA	0.21		NA	0.030	NA	NA	NA	NA	NA	NA		NA	250	NA	NA	NA		NA	1
SR4	28/9/2019	Mid-Ebb	Fine	Smooth	10:51	4	M		3										NA	NA	NA	NA											
SR4	28/9/2019	Mid-Ebb	Fine	Smooth	10:51	4	B	3	1	10			0.22			0.031			NA	NA	NA	NA			390			NA			<1		
SR4	28/9/2019	Mid-Ebb	Fine	Smooth	10:51	4	B	3	2	11	11		0.21	0.22		0.029	0.030		NA	NA	NA	NA	NA		160	250		NA	NA		<1	1	
SR4	28/9/2019	Mid-Ebb	Fine	Smooth	10:51	4	B	3	3										NA	NA	NA	NA											
SR5	28/9/2019	Mid-Ebb	Fine	Smooth	10:04	11	S	1	1	12			NA			NA			0.26	0.08	0.03	0.37			NA			NA			NA		
SR5	28/9/2019	Mid-Ebb	Fine	Smooth	10:04	11	S	1	2	11	12		NA	NA		NA	NA		0.25	0.08	0.03	0.36	0.36		NA	NA		NA	NA		NA	NA	
SR5	28/9/2019	Mid-Ebb	Fine	Smooth	10:04	11	S	1	3										0.25	0.08	0.03	0.36											
SR5	28/9/2019	Mid-Ebb	Fine	Smooth	10:04	11	M	5.5	1	12			NA			NA			0.27	0.08	0.03	0.38			NA			NA			NA		
SR5	28/9/2019	Mid-Ebb	Fine	Smooth	10:04	11	M	5.5	2	11	12	11	NA	NA	NA	NA	NA	NA	0.25	0.08	0.03	0.36	0.37	0.36	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	28/9/2019	Mid-Ebb	Fine	Smooth	10:04	11	M	5.5	3										0.26	0.08	0.03	0.37											
SR5	28/9/2019	Mid-Ebb	Fine	Smooth	10:04	11	B	10	1	11			NA			NA			0.25	0.08	0.03	0.36			NA			NA			NA		
SR5	28/9/2019	Mid-Ebb	Fine	Smooth	10:04	11	B	10	2	10	11		NA	NA		NA	NA		0.26	0.08	0.03	0.37	0.36		NA	NA		NA	NA		NA	NA	
SR5	28/9/2019	Mid-Ebb	Fine	Smooth	10:04	11	B	10	3										0.24	0.08	0.03	0.35											
SR12	28/9/2019	Mid-Ebb	Fine	Smooth	11:11	15	S	1	1	4			0.78			0.114			NA	NA	NA	NA			####			NA			<1		
SR12	28/9/2019	Mid-Ebb	Fine	Smooth	11:11	15	S	1	2	5	5		0.82	0.80		0.120	0.117		NA	NA	NA	NA	NA		####	####		NA	NA		2	1	
SR12	28/9/2019	Mid-Ebb	Fine	Smooth	11:11	15	S	1	3										NA	NA	NA	NA											
SR12	28/9/2019	Mid-Ebb	Fine	Smooth	11:11	15	M	7.5	1	6			0.80			0.111			NA	NA	NA	NA			####			NA			<1		
SR12	28/9/2019	Mid-Ebb	Fine	Smooth	11:11	15	M	7.5	2	7	7	5	0.81	0.81	0.80	0.113	0.112	0.111	NA	NA	NA	NA	NA	NA	####	####	####	NA	NA	NA	2	1	1
SR12	28/9/2019	Mid-Ebb	Fine	Smooth	11:11	15	M	7.5	3										NA	NA	NA	NA											
SR12	28/9/2019	Mid-Ebb	Fine	Smooth	11:11	15	B	14	1	5			0.79			0.105			NA	NA	NA	NA			####			NA			<1		
SR12	28/9/2019	Mid-Ebb	Fine	Smooth	11:11	15	B	14	2	5	5		0.78	0.79		0.104	0.104		NA	NA	NA	NA	NA		####	####		NA	NA		2	1	
SR12	28/9/2019	Mid-Ebb	Fine	Smooth	11:11	15	B	14	3										NA	NA	NA	NA											
SR13	28/9/2019	Mid-Ebb	Fine	Smooth	11:27	14	S	1	1	8			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	28/9/2019	Mid-Ebb	Fine	Smooth	11:27	14	S	1	2	8	8		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	28/9/2019	Mid-Ebb	Fine	Smooth	11:27	14	S	1	3										NA	NA	NA	NA											
SR13	28/9/2019	Mid-Ebb	Fine	Smooth	11:27	14	M	7	1	7			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	28/9/2019	Mid-Ebb	Fine	Smooth	11:27	14	M	7	2	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	28/9/2019	Mid-Ebb	Fine	Smooth	11:27	14	M	7	3										NA	NA	NA	NA											
SR13	28/9/2019	Mid-Ebb	Fine	Smooth	11:27	14	B	13	1	8			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	28/9/2019	Mid-Ebb	Fine	Smooth	11:27	14	B	13	2	8	8		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	28/9/2019	Mid-Ebb	Fine	Smooth	11:27	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 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	Value	Ave.	Depth	Value	Ave.	Depth						
C1A	1/10/2019	Mid-Flood	Fine	Moderate	9:49	28	S	1	1	8.42		29.03		29.36		77.8		5.06			3.4			0.17			0.024			0.17	0.10	0.06	0.33		
C1A	1/10/2019	Mid-Flood	Fine	Moderate	9:49	28	S	1	2	8.42	8.42	29.01	29.02	29.36	29.36	77.6	77.7	5.04	5.05		3.5	3.5		0.17	0.17		0.024	0.024		0.17	0.10	0.06	0.33	0.33	
C1A	1/10/2019	Mid-Flood	Fine	Moderate	9:49	28	S	1	3											5.00										0.17	0.10	0.06	0.33		
C1A	1/10/2019	Mid-Flood	Fine	Moderate	9:49	28	M	14	1	8.42		29.49		29.28		76.2		4.95			4.2			0.18			0.025			0.18	0.11	0.06	0.35		
C1A	1/10/2019	Mid-Flood	Fine	Moderate	9:49	28	M	14	2	8.42	8.42	29.52	29.51	29.29	29.29	76.5	76.4	4.96	4.96		4.2	4.2	4.6	0.18	0.18	0.18	0.025	0.025	0.025	0.18	0.11	0.06	0.35	0.35	0.34
C1A	1/10/2019	Mid-Flood	Fine	Moderate	9:49	28	M	14	3																					0.18	0.11	0.06	0.35		
C1A	1/10/2019	Mid-Flood	Fine	Moderate	9:49	28	B	27	1	8.42		29.52		29.28		75.6		4.91			6.1			0.18			0.025			0.18	0.11	0.06	0.35		
C1A	1/10/2019	Mid-Flood	Fine	Moderate	9:49	28	B	27	2	8.42	8.42	29.55	29.54	29.27	29.28	75.4	75.5	4.90	4.91		6.1	6.1		0.18	0.18		0.025	0.025		0.18	0.11	0.06	0.35	0.35	
C1A	1/10/2019	Mid-Flood	Fine	Moderate	9:49	28	B	27	3																					0.18	0.11	0.06	0.35		
C2A	1/10/2019	Mid-Flood	Fine	Moderate	8:32	11	S	1	1	8.27		30.44		29.17		74.2		4.81			5.7			0.33			0.034			0.33	0.08	0.04	0.45		
C2A	1/10/2019	Mid-Flood	Fine	Moderate	8:32	11	S	1	2	8.28	8.28	30.43	30.44	29.17	29.17	74.0	74.1	4.79	4.80		5.7	5.7		0.34	0.34		0.035	0.035		0.34	0.08	0.04	0.46	0.45	
C2A	1/10/2019	Mid-Flood	Fine	Moderate	8:32	11	S	1	3																					0.33	0.08	0.04	0.45		
C2A	1/10/2019	Mid-Flood	Fine	Moderate	8:32	11	M	5.5	1	8.32		30.50		29.16		71.6		4.64		4.72	5.7			0.35			0.040			0.35	0.08	0.04	0.47		
C2A	1/10/2019	Mid-Flood	Fine	Moderate	8:32	11	M	5.5	2	8.32	8.32	30.49	30.50	29.16	29.16	71.5	71.6	4.62	4.63		5.8	5.8	5.3	0.36	0.36	0.35	0.041	0.040	0.039	0.36	0.08	0.04	0.48	0.48	0.48
C2A	1/10/2019	Mid-Flood	Fine	Moderate	8:32	11	M	5.5	3																					0.36	0.08	0.04	0.48		
C2A	1/10/2019	Mid-Flood	Fine	Moderate	8:32	11	B	10	1	8.34		30.56		29.15		70.5		4.57			4.5			0.36			0.043			0.36	0.09	0.05	0.50		
C2A	1/10/2019	Mid-Flood	Fine	Moderate	8:32	11	B	10	2	8.34	8.34	30.56	30.56	29.15	29.15	70.6	70.6	4.58	4.58		4.5	4.5		0.36	0.36		0.043	0.043		0.36	0.08	0.05	0.49	0.50	
C2A	1/10/2019	Mid-Flood	Fine	Moderate	8:32	11	B	10	3																					0.37	0.08	0.05	0.50		
G2	1/10/2019	Mid-Flood	Fine	Moderate	9:17	12	S	1	1	8.41		29.07		29.33		79.9		5.21			2.7			NA			NA			0.22	0.09	0.05	0.36		
G2	1/10/2019	Mid-Flood	Fine	Moderate	9:17	12	S	1	2	8.41	8.41	29.07	29.07	29.33	29.33	80.0	80.0	5.21	5.21		2.7	2.7		NA	NA		NA	NA		0.23	0.09	0.05	0.37	0.36	
G2	1/10/2019	Mid-Flood	Fine	Moderate	9:17	12	S	1	3											5.15										0.21	0.09	0.05	0.35		
G2	1/10/2019	Mid-Flood	Fine	Moderate	9:17	12	M	6	1	8.42		29.23		29.27		78.3		5.10			3.1			NA			NA			0.21	0.10	0.05	0.36		
G2	1/10/2019	Mid-Flood	Fine	Moderate	9:17	12	M	6	2	8.42	8.42	29.23	29.23	29.28	29.28	78.2	78.3	5.08	5.09		3.1	3.1	3.1	NA	NA	NA	NA	NA	NA	0.21	0.11	0.05	0.37	0.36	0.37
G2	1/10/2019	Mid-Flood	Fine	Moderate	9:17	12	M	6	3																					0.21	0.10	0.05	0.36		
G2	1/10/2019	Mid-Flood	Fine	Moderate	9:17	12	B	11	1	8.42		29.26		29.27		77.7		5.06			3.5			NA			NA			0.21	0.10	0.06	0.37		
G2	1/10/2019	Mid-Flood	Fine	Moderate	9:17	12	B	11	2	8.42	8.42	29.26	29.26	29.27	29.27	77.7	77.7	5.06	5.06		3.5	3.5		NA	NA		NA	NA		0.22	0.10	0.06	0.38	0.37	
G2	1/10/2019	Mid-Flood	Fine	Moderate	9:17	12	B	11	3																					0.21	0.10	0.06	0.37		
SR4	1/10/2019	Mid-Flood	Fine	Moderate	9:10	4	S	1	1	8.37		30.08		29.22		71.3		4.62			2.3			0.27			0.034			NA	NA	NA	NA		
SR4	1/10/2019	Mid-Flood	Fine	Moderate	9:10	4	S	1	2	8.37	8.37	30.07	30.08	29.22	29.22	71.0	71.2	4.60	4.61		2.3	2.3		0.28	0.28		0.035	0.035		NA	NA	NA	NA	NA	
SR4	1/10/2019	Mid-Flood	Fine	Moderate	9:10	4	S	1	3																					NA	NA	NA	NA		
SR4	1/10/2019	Mid-Flood	Fine	Moderate	9:10	4	M		1											4.61										NA	NA	NA	NA		
SR4	1/10/2019	Mid-Flood	Fine	Moderate	9:10	4	M		2		NA		NA		NA		NA		NA			NA	3.0		NA	0.29		NA	0.036	NA	NA	NA	NA	NA	NA
SR4	1/10/2019	Mid-Flood	Fine	Moderate	9:10	4	M		3																					NA	NA	NA	NA		
SR4	1/10/2019	Mid-Flood	Fine	Moderate	9:10	4	B	3	1	8.37		30.07		29.22		69.9		4.54			3.7			0.30			0.038			NA	NA	NA	NA		
SR4	1/10/2019	Mid-Flood	Fine	Moderate	9:10	4	B	3	2	8.37	8.37	30.07	30.07	29.22	29.22	69.9	69.9	4.53	4.54		3.7	3.7		0.29	0.30		0.037	0.037		NA	NA	NA	NA	NA	
SR4	1/10/2019	Mid-Flood	Fine	Moderate	9:10	4	B	3	3																					NA	NA	NA	NA		
SR5	1/10/2019	Mid-Flood	Fine	Moderate	9:32	11	S	1	1	8.38		29.43		29.20		79.2		5.14			6.5			NA			NA			0.21	0.10	0.05	0.36		
SR5	1/10/2019	Mid-Flood	Fine	Moderate	9:32	11	S	1	2	8.39	8.39	29.34	29.39	29.30	29.25	76.8	78.0	5.00	5.07		6.7	6.6		NA	NA		NA	NA		0.21	0.10	0.05	0.36	0.36	
SR5	1/10/2019	Mid-Flood	Fine	Moderate	9:32	11	S	1	3											5.02										0.21	0.10	0.05	0.36		
SR5	1/10/2019	Mid-Flood	Fine	Moderate	9:32	11	M	5.5	1	8.40		29.37		29.30		76.3		4.96			7.1			NA			NA			0.22	0.10	0.05	0.37		
SR5	1/10/2019	Mid-Flood	Fine	Moderate	9:32	11	M	5.5	2	8.40	8.40	29.37	29.37	29.30	29.30	76.2	76.3	4.96	4.96		7.1	7.1	6.8	NA	NA	NA	NA	NA	NA	0.21	0.10	0.05	0.36	0.37	0.37
SR5	1/10/2019	Mid-Flood	Fine	Moderate	9:32	11	M	5.5	3																					0.22	0.10	0.05	0.37		
SR5	1/10/2019	Mid-Flood	Fine	Moderate	9:32	11	B	10	1	8.41		29.40		29.31		76.0		4.95			6.7			NA			NA			0.21	0.11	0.06	0.38		
SR5	1/10/2019	Mid-Flood	Fine	Moderate	9:32	11	B	10	2	8.41	8.41	29.39	29.40	29.31	29.31	76.0	76.0	4.95	4.95		6.7	6.7		NA	NA		NA	NA		0.22	0.11	0.06	0.39	0.38	
SR5	1/10/2019	Mid-Flood	Fine	Moderate	9:32	11	B	10	3																					0.21	0.11	0.06	0.38		
SR12	1/10/2019	Mid-Flood	Fine	Moderate	8:57	14	S	1	1	8.29		30.17		29.24		70.6		4.56			4.5			0.26			0.028			NA	NA	NA	NA		
SR12	1/10/2019	Mid-Flood	Fine	Moderate	8:57	14	S	1	2	8.29	8.29	30.17	30.17	29.24	29.24	70.5	70.6	4.56	4.56		4.5	4.5		0.26	0.26		0.028	0.028		NA	NA	NA	NA	NA	
SR12	1/10/2019	Mid-Flood	Fine	Moderate	8:57	14	S	1	3											4.53										NA	NA	NA	NA		
SR12	1/10/2019	Mid-Flood	Fine	Moderate	8:57	14	M	7	1	8.32		30.18		29.24		69.4		4.50			5.2			0.27			0.031			NA	NA	NA	NA		
SR12	1/10/2019	Mid-Flood	Fine	Moderate	8:57	14	M	7	2	8.32	8.32	30.18	30.18	29.24	29.24	69.3	69.4	4.49	4.50		5.2	5.2	5.2	0.26	0.27	0.26	0.030	0.030	0.030	NA	NA	NA	NA	NA	NA
SR12	1/10/2019	Mid-Flood	Fine	Moderate	8:57	14	M	7	3																					NA	NA	NA	NA		
SR12	1/10/2019	Mid-Flood	Fine	Moderate	8:57	14	B	13	1	8.34		30.20		29.24		68.6		4.45			5.9			0.25			0.030			NA	NA	NA	NA		
SR12	1/10/2019	Mid-Flood	Fine	Moderate	8:57	14	B	13	2	8.34	8.34	30.20	30.20	29.24	29.24	68.6	68.6	4.45	4.45		5.9	5.9		0.26	0.26		0.031	0.030		NA	NA	NA	NA	NA	
SR12	1/10/2019	Mid-Flood	Fine	Moderate	8:57	14	B	13	3																					NA	NA	NA	NA		
SR13	1/10/2019	Mid-Flood	Fine	Moderate	8:48	13	S	1	1	8.33		30.28		29.24		71.0		4.60			2.6			NA			NA			NA	NA	NA	NA		
SR13	1/10/2019	Mid-Flood	Fine	Moderate	8:48	13	S	1	2	8.33	8.33	30.28	30.28	29.24	29.24	70.9	71.0	4.59	4.60		2.6	2.6		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	1/10/2019	Mid-Flood	Fine	Moderate	8:48	13	S	1	3											4.56										NA	NA	NA	NA		
SR13	1/10/2019	Mid-Flood	Fine	Moderate	8:48	13	M	6.5	1	8.35		30.28		29.23		69.9		4.53			2.8			NA			NA			NA	NA	NA	NA		
SR13	1/10/2019	Mid-Flood	Fine	Moderate	8:48	13	M	6.5	2	8.35	8.35	30.28	30.28	29.23	29.23	69.9	69.9	4.53	4.53		2.9	2.9	2.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	1/10/2019	Mid-Flood	Fine	Moderate	8:48	13	M	6.5	3																					NA	NA	NA	NA		
SR13	1/10/2019	Mid-Flood	Fine	Moderate	8:48	13	B	12	1	8.35		30.28		29.23		69.6		4.51			3.2			NA			NA			NA	NA	NA	NA		
SR13	1/10/2019	Mid-Flood	Fine	Moderate	8:48	13	B	12	2	8.36	8.36	30.28	30.28	29.23	29.23	69.5	69.6	4.50	4.51		3.2	3.2		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	1/10/2019	Mid-Flood	Fine	Moderate	8:48	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 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	1/10/2019	Mid-Flood	Fine	Moderate	9:49	28	S	1	1	11			0.17			0.024			0.17	0.09	0.06	0.32			560			<0.5			<1		
C1A	1/10/2019	Mid-Flood	Fine	Moderate	9:49	28	S	1	2	11	11		0.16	0.17		0.023	0.023		0.16	0.10	0.06	0.32	0.32		510	534		<0.5	0.50		<1	1	
C1A	1/10/2019	Mid-Flood	Fine	Moderate	9:49	28	S	1	3										0.17	0.10	0.06	0.33											
C1A	1/10/2019	Mid-Flood	Fine	Moderate	9:49	28	M	14	1	15			0.17			0.024			0.17	0.11	0.06	0.34			440			<0.5			<1		
C1A	1/10/2019	Mid-Flood	Fine	Moderate	9:49	28	M	14	2	15	15	13	0.17	0.17	0.17	0.024	0.024	0.024	0.17	0.11	0.06	0.34	0.34	0.33	650	535	639	<0.5	0.50	0.50	<1	1	1
C1A	1/10/2019	Mid-Flood	Fine	Moderate	9:49	28	M	14	3										0.17	0.11	0.06	0.34											
C1A	1/10/2019	Mid-Flood	Fine	Moderate	9:49	28	B	27	1	12			0.17			0.024			0.17	0.11	0.06	0.34			890			<0.5			<1		
C1A	1/10/2019	Mid-Flood	Fine	Moderate	9:49	28	B	27	2	11	12		0.18	0.18		0.025	0.025		0.18	0.11	0.05	0.34	0.33		940	915		<0.5	0.50		<1	1	
C1A	1/10/2019	Mid-Flood	Fine	Moderate	9:49	28	B	27	3										0.15	0.11	0.05	0.31											
C2A	1/10/2019	Mid-Flood	Fine	Moderate	8:32	11	S	1	1	11			0.33			0.034			0.33	0.08	0.04	0.45			7600			<0.5			<1		
C2A	1/10/2019	Mid-Flood	Fine	Moderate	8:32	11	S	1	2	11	11		0.34	0.34		0.035	0.035		0.34	0.08	0.04	0.46	0.46		6400	6974		<0.5	0.50		<1	1	
C2A	1/10/2019	Mid-Flood	Fine	Moderate	8:32	11	S	1	3										0.36	0.07	0.04	0.47											
C2A	1/10/2019	Mid-Flood	Fine	Moderate	8:32	11	M	5.5	1	10			0.36			0.041			0.36	0.07	0.04	0.47			6500			<0.5			<1		
C2A	1/10/2019	Mid-Flood	Fine	Moderate	8:32	11	M	5.5	2	10	10	12	0.33	0.35	0.35	0.038	0.039	0.039	0.33	0.08	0.04	0.45	0.46	0.46	5900	6193	6662	<0.5	0.50	0.50	<1	1	1
C2A	1/10/2019	Mid-Flood	Fine	Moderate	8:32	11	M	5.5	3										0.36	0.07	0.04	0.47											
C2A	1/10/2019	Mid-Flood	Fine	Moderate	8:32	11	B	10	1	14			0.35			0.041			0.35	0.07	0.04	0.46			7100			<0.5			<1		
C2A	1/10/2019	Mid-Flood	Fine	Moderate	8:32	11	B	10	2	15	15		0.36	0.36		0.043	0.042		0.36	0.07	0.04	0.47	0.46		6600	6845		<0.5	0.50		<1	1	
C2A	1/10/2019	Mid-Flood	Fine	Moderate	8:32	11	B	10	3										0.33	0.08	0.04	0.45											
G2	1/10/2019	Mid-Flood	Fine	Moderate	9:17	12	S	1	1	9			NA			NA			0.21	0.09	0.05	0.35			NA			NA			NA		
G2	1/10/2019	Mid-Flood	Fine	Moderate	9:17	12	S	1	2	9	9		NA	NA		NA	NA		0.23	0.09	0.05	0.37	0.35		NA	NA		NA	NA		NA	NA	
G2	1/10/2019	Mid-Flood	Fine	Moderate	9:17	12	S	1	3										0.20	0.09	0.05	0.34											
G2	1/10/2019	Mid-Flood	Fine	Moderate	9:17	12	M	6	1	6			NA			NA			0.20	0.10	0.05	0.35			NA			NA			NA		
G2	1/10/2019	Mid-Flood	Fine	Moderate	9:17	12	M	6	2	6	6	8	NA	NA	NA	NA	NA	NA	0.20	0.09	0.05	0.34	0.35	0.35	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	1/10/2019	Mid-Flood	Fine	Moderate	9:17	12	M	6	3										0.21	0.09	0.05	0.35											
G2	1/10/2019	Mid-Flood	Fine	Moderate	9:17	12	B	11	1	7			NA			NA			0.21	0.09	0.05	0.35			NA			NA			NA		
G2	1/10/2019	Mid-Flood	Fine	Moderate	9:17	12	B	11	2	8	8		NA	NA		NA	NA		0.20	0.09	0.05	0.34	0.35		NA	NA		NA	NA		NA	NA	
G2	1/10/2019	Mid-Flood	Fine	Moderate	9:17	12	B	11	3										0.21	0.10	0.05	0.36											
SR4	1/10/2019	Mid-Flood	Fine	Moderate	9:10	4	S	1	1	11			0.27			0.034			NA	NA	NA	NA			2400			<0.5			<1		
SR4	1/10/2019	Mid-Flood	Fine	Moderate	9:10	4	S	1	2	11	11		0.30	0.29		0.038	0.036		NA	NA	NA	NA	NA		1700	2020		<0.5	0.50		<1	1	
SR4	1/10/2019	Mid-Flood	Fine	Moderate	9:10	4	S	1	3										NA	NA	NA	NA											
SR4	1/10/2019	Mid-Flood	Fine	Moderate	9:10	4	M		1										NA	NA	NA	NA											
SR4	1/10/2019	Mid-Flood	Fine	Moderate	9:10	4	M		2		NA	10		NA	0.28		NA	0.036	NA	NA	NA	NA	NA	NA		NA	1791		NA	0.50		NA	1
SR4	1/10/2019	Mid-Flood	Fine	Moderate	9:10	4	M		3										NA	NA	NA	NA											
SR4	1/10/2019	Mid-Flood	Fine	Moderate	9:10	4	B	3	1	9			0.29			0.037			NA	NA	NA	NA			1800			<0.5			<1		
SR4	1/10/2019	Mid-Flood	Fine	Moderate	9:10	4	B	3	2	8	9		0.27	0.28		0.034	0.035		NA	NA	NA	NA	NA		1400	1587		<0.5	0.50		<1	1	
SR4	1/10/2019	Mid-Flood	Fine	Moderate	9:10	4	B	3	3										NA	NA	NA	NA											
SR5	1/10/2019	Mid-Flood	Fine	Moderate	9:32	11	S	1	1	9			NA			NA			0.21	0.10	0.05	0.36			NA			NA			NA		
SR5	1/10/2019	Mid-Flood	Fine	Moderate	9:32	11	S	1	2	10	10		NA	NA		NA	NA		0.21	0.10	0.05	0.36	0.35		NA	NA		NA	NA		NA	NA	
SR5	1/10/2019	Mid-Flood	Fine	Moderate	9:32	11	S	1	3										0.19	0.10	0.05	0.34											
SR5	1/10/2019	Mid-Flood	Fine	Moderate	9:32	11	M	5.5	1	11			NA			NA			0.19	0.10	0.05	0.34			NA			NA			NA		
SR5	1/10/2019	Mid-Flood	Fine	Moderate	9:32	11	M	5.5	2	11	11	10	NA	NA	NA	NA	NA	NA	0.21	0.10	0.05	0.36	0.36	0.35	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	1/10/2019	Mid-Flood	Fine	Moderate	9:32	11	M	5.5	3										0.22	0.10	0.05	0.37											
SR5	1/10/2019	Mid-Flood	Fine	Moderate	9:32	11	B	10	1	10			NA			NA			0.20	0.10	0.05	0.35			NA			NA			NA		
SR5	1/10/2019	Mid-Flood	Fine	Moderate	9:32	11	B	10	2	9	10		NA	NA		NA	NA		0.20	0.10	0.05	0.35	0.35		NA	NA		NA	NA		NA	NA	
SR5	1/10/2019	Mid-Flood	Fine	Moderate	9:32	11	B	10	3										0.19	0.10	0.05	0.34											
SR12	1/10/2019	Mid-Flood	Fine	Moderate	8:57	14	S	1	1	9			0.26			0.028			NA	NA	NA	NA			3900			<0.5			<1		
SR12	1/10/2019	Mid-Flood	Fine	Moderate	8:57	14	S	1	2	10	10		0.24	0.25		0.026	0.027		NA	NA	NA	NA	NA		3400	3641		<0.5	0.50		<1	1	
SR12	1/10/2019	Mid-Flood	Fine	Moderate	8:57	14	S	1	3										NA	NA	NA	NA											
SR12	1/10/2019	Mid-Flood	Fine	Moderate	8:57	14	M	7	1	11			0.26			0.030			NA	NA	NA	NA			4200			<0.5			<1		
SR12	1/10/2019	Mid-Flood	Fine	Moderate	8:57	14	M	7	2	11	11	10	0.25	0.26	0.25	0.029	0.029	0.028	NA	NA	NA	NA	NA	NA	4700	4443	3928	<0.5	0.50	0.50	<1	1	1
SR12	1/10/2019	Mid-Flood	Fine	Moderate	8:57	14	M	7	3										NA	NA	NA	NA											
SR12	1/10/2019	Mid-Flood	Fine	Moderate	8:57	14	B	13	1	9			0.24			0.029			NA	NA	NA	NA			3900			<0.5			<1		
SR12	1/10/2019	Mid-Flood	Fine	Moderate	8:57	14	B	13	2	9	9		0.25	0.25		0.030	0.029		NA	NA	NA	NA	NA		3600	3747		<0.5	0.50		<1	1	
SR12	1/10/2019	Mid-Flood	Fine	Moderate	8:57	14	B	13	3										NA	NA	NA	NA											
SR13	1/10/2019	Mid-Flood	Fine	Moderate	8:48	13	S	1	1	10			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	1/10/2019	Mid-Flood	Fine	Moderate	8:48	13	S	1	2	9	10		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	1/10/2019	Mid-Flood	Fine	Moderate	8:48	13	S	1	3										NA	NA	NA	NA											
SR13	1/10/2019	Mid-Flood	Fine	Moderate	8:48	13	M	6.5	1	12			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	1/10/2019	Mid-Flood	Fine	Moderate	8:48	13	M	6.5	2	13	13	11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	1/10/2019	Mid-Flood	Fine	Moderate	8:48	13	M	6.5	3										NA	NA	NA	NA											
SR13	1/10/2019	Mid-Flood	Fine	Moderate	8:48	13	B	12	1	10			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	1/10/2019	Mid-Flood	Fine	Moderate	8:48	13	B	12	2	10	10		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	1/10/2019	Mid-Flood	Fine	Moderate	8:48	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 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-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth	Value	Ave.	Depth	Value	Ave.	Depth						
C1A	1/10/2019	Mid-Ebb	Fine	Moderate	12:08	28	S	1	1	8.38		28.87		30.21		80.1		5.20			3.1			0.17			0.023			0.17	0.10	0.06	0.33		
C1A	1/10/2019	Mid-Ebb	Fine	Moderate	12:08	28	S	1	2	8.38	8.38	28.87	28.87	30.20	30.21	80.4	80.3	5.22	5.21		3.1	3.1		0.17	0.17		0.023	0.023		0.17	0.10	0.06	0.33	0.33	
C1A	1/10/2019	Mid-Ebb	Fine	Moderate	12:08	28	S	1	3											5.16										0.17	0.10	0.06	0.33		
C1A	1/10/2019	Mid-Ebb	Fine	Moderate	12:08	28	M	14	1	8.38		28.92		30.08		78.1		5.07			4.2			0.17			0.024			0.17	0.11	0.06	0.34		
C1A	1/10/2019	Mid-Ebb	Fine	Moderate	12:08	28	M	14	2	8.39	8.39	28.92	28.92	30.08	30.08	77.8	78.0		5.07		4.2	4.2	4.4	0.17	0.17	0.17	0.024	0.024	0.024	0.17	0.11	0.06	0.34	0.34	0.34
C1A	1/10/2019	Mid-Ebb	Fine	Moderate	12:08	28	M	14	3																					0.17	0.11	0.06	0.34		
C1A	1/10/2019	Mid-Ebb	Fine	Moderate	12:08	28	B	27	1	8.40		29.10		29.98		75.9		4.92			6.1			0.18			0.025			0.18	0.11	0.06	0.35		
C1A	1/10/2019	Mid-Ebb	Fine	Moderate	12:08	28	B	27	2	8.40	8.40	29.14	29.12	30.02	30.00	75.7	75.8	4.91	4.92		6.1	6.1		0.17	0.18		0.024	0.025		0.17	0.11	0.06	0.34	0.35	
C1A	1/10/2019	Mid-Ebb	Fine	Moderate	12:08	28	B	27	3																					0.18	0.11	0.06	0.35		
C2A	1/10/2019	Mid-Ebb	Fine	Moderate	13:19	11	S	1	1	8.31		30.35		30.17		76.7		4.98			2.6			0.32			0.038			0.32	0.07	0.04	0.43		
C2A	1/10/2019	Mid-Ebb	Fine	Moderate	13:19	11	S	1	2	8.31	8.31	30.35	30.35	30.17	30.17	76.4	76.6	4.94	4.96		2.7	2.7		0.31	0.32		0.037	0.037		0.31	0.07	0.04	0.42	0.43	
C2A	1/10/2019	Mid-Ebb	Fine	Moderate	13:19	11	S	1	3											4.88										0.32	0.07	0.04	0.43		
C2A	1/10/2019	Mid-Ebb	Fine	Moderate	13:19	11	M	5.5	1	8.34		30.38		30.06		74.1		4.81			3.8			0.33			0.041			0.33	0.07	0.04	0.44		
C2A	1/10/2019	Mid-Ebb	Fine	Moderate	13:19	11	M	5.5	2	8.34	8.34	30.38	30.38	30.05	30.06	73.9	74.0	4.79	4.80		3.7	3.8	3.5	0.33	0.33	0.33	0.041	0.041	0.040	0.33	0.07	0.04	0.44	0.44	0.44
C2A	1/10/2019	Mid-Ebb	Fine	Moderate	13:19	11	M	5.5	3																					0.33	0.07	0.04	0.44		
C2A	1/10/2019	Mid-Ebb	Fine	Moderate	13:19	11	B	10	1	8.35		30.42		29.93		70.8		4.59			4.1			0.33			0.042			0.33	0.08	0.05	0.46		
C2A	1/10/2019	Mid-Ebb	Fine	Moderate	13:19	11	B	10	2	8.35	8.35	30.42	30.42	29.93	29.93	70.9	70.9	4.58	4.59		4.1	4.1		0.33	0.33		0.042	0.042		0.33	0.08	0.05	0.46	0.46	
C2A	1/10/2019	Mid-Ebb	Fine	Moderate	13:19	11	B	10	3																					0.33	0.08	0.05	0.46		
G2	1/10/2019	Mid-Ebb	Fine	Moderate	12:35	12	S	1	1	8.40		29.00		30.07		79.4		5.16			2.1			NA			NA			0.22	0.09	0.05	0.36		
G2	1/10/2019	Mid-Ebb	Fine	Moderate	12:35	12	S	1	2	8.40	8.40	29.04	29.02	30.07	30.07	79.0	79.2	5.12	5.14		2.2	2.2		NA	NA		NA	NA		0.22	0.09	0.05	0.36	0.36	
G2	1/10/2019	Mid-Ebb	Fine	Moderate	12:35	12	S	1	3											5.05										0.22	0.09	0.05	0.36		
G2	1/10/2019	Mid-Ebb	Fine	Moderate	12:35	12	M	6	1	8.40		29.31		30.00		76.4		4.96			3.0			NA			NA			0.21	0.09	0.05	0.35		
G2	1/10/2019	Mid-Ebb	Fine	Moderate	12:35	12	M	6	2	8.40	8.40	29.31	29.31	29.99	30.00	76.5	76.5	4.97	4.97		3.1	3.0	2.9	NA	NA	NA	NA	NA	NA	0.21	0.09	0.05	0.35	0.35	0.36
G2	1/10/2019	Mid-Ebb	Fine	Moderate	12:35	12	M	6	3																					0.21	0.09	0.05	0.35		
G2	1/10/2019	Mid-Ebb	Fine	Moderate	12:35	12	B	11	1	8.40		29.34		29.83		78.5		5.09			3.6			NA			NA			0.21	0.10	0.05	0.36		
G2	1/10/2019	Mid-Ebb	Fine	Moderate	12:35	12	B	11	2	8.41	8.41	29.34	29.34	29.84	29.84	78.2	78.4	5.07	5.08		3.5	3.5		NA	NA		NA	NA		0.21	0.10	0.05	0.36	0.36	
G2	1/10/2019	Mid-Ebb	Fine	Moderate	12:35	12	B	11	3																					0.21	0.10	0.05	0.36		
SR4	1/10/2019	Mid-Ebb	Fine	Moderate	12:43	4	S	1	1	8.36		29.96		30.07		74.4		4.86			4.1			0.27			0.035			NA	NA	NA	NA		
SR4	1/10/2019	Mid-Ebb	Fine	Moderate	12:43	4	S	1	2	8.36	8.36	29.97	29.97	30.05	30.06	74.0	74.2	4.82	4.84		4.1	4.1		0.27	0.27		0.035	0.035		NA	NA	NA	NA	NA	
SR4	1/10/2019	Mid-Ebb	Fine	Moderate	12:43	4	S	1	3											4.84										NA	NA	NA	NA		
SR4	1/10/2019	Mid-Ebb	Fine	Moderate	12:43	4	M		1																					NA	NA	NA	NA		
SR4	1/10/2019	Mid-Ebb	Fine	Moderate	12:43	4	M		2		NA		NA		NA		NA		NA			NA	4.6		NA	0.27		NA	0.035	NA	NA	NA	NA	NA	NA
SR4	1/10/2019	Mid-Ebb	Fine	Moderate	12:43	4	M		3																					NA	NA	NA	NA		
SR4	1/10/2019	Mid-Ebb	Fine	Moderate	12:43	4	B	3	1	8.37		29.99		30.07		70.9		4.60			5.1			0.27			0.036			NA	NA	NA	NA		
SR4	1/10/2019	Mid-Ebb	Fine	Moderate	12:43	4	B	3	2	8.36	8.37	30.02	30.01	30.07	30.07	70.9	70.9	4.63	4.62		5.0	5.1		0.27	0.27		0.036	0.036		NA	NA	NA	NA	NA	
SR4	1/10/2019	Mid-Ebb	Fine	Moderate	12:43	4	B	3	3																					NA	NA	NA	NA		
SR5	1/10/2019	Mid-Ebb	Fine	Moderate	12:23	11	S	1	1	8.41		29.30		30.16		79.8		5.18			3.0			NA			NA			0.18	0.10	0.05	0.33		
SR5	1/10/2019	Mid-Ebb	Fine	Moderate	12:23	11	S	1	2	8.41	8.41	29.32	29.31	30.16	30.16	79.8	79.8	5.16	5.17		5.5	4.2		NA	NA		NA	NA		0.18	0.10	0.05	0.33	0.33	
SR5	1/10/2019	Mid-Ebb	Fine	Moderate	12:23	11	S	1	3											5.07										0.18	0.10	0.05	0.33		
SR5	1/10/2019	Mid-Ebb	Fine	Moderate	12:23	11	M	5.5	1	8.38		29.41		30.11		76.6		4.97			6.7			NA			NA			0.19	0.10	0.05	0.34		
SR5	1/10/2019	Mid-Ebb	Fine	Moderate	12:23	11	M	5.5	2	8.38	8.38	29.44	29.43	30.10	30.11	76.7	76.7	4.98	4.98		6.7	6.7	5.6	NA	NA	NA	NA	NA	NA	0.19	0.10	0.05	0.34	0.34	0.35
SR5	1/10/2019	Mid-Ebb	Fine	Moderate	12:23	11	M	5.5	3																					0.19	0.10	0.05	0.34		
SR5	1/10/2019	Mid-Ebb	Fine	Moderate	12:23	11	B	10	1	8.40		29.55		29.97		75.4		4.89			5.9			NA			NA			0.21	0.11	0.06	0.38		
SR5	1/10/2019	Mid-Ebb	Fine	Moderate	12:23	11	B	10	2	8.40	8.40	29.52	29.54	29.95	29.96	75.4	75.4	4.88	4.89		5.9	5.9		NA	NA		NA	NA		0.20	0.11	0.06	0.37	0.38	
SR5	1/10/2019	Mid-Ebb	Fine	Moderate	12:23	11	B	10	3																					0.21	0.11	0.06	0.38		
SR12	1/10/2019	Mid-Ebb	Fine	Moderate	12:51	14	S	1	1	8.31		30.02		30.38		74.2		4.84			3.4			0.27			0.032			NA	NA	NA	NA		
SR12	1/10/2019	Mid-Ebb	Fine	Moderate	12:51	14	S	1	2	8.31	8.31	30.03	30.03	30.38	30.38	74.0	74.1	4.80	4.82		3.4	3.4		0.28	0.28		0.034	0.033		NA	NA	NA	NA	NA	
SR12	1/10/2019	Mid-Ebb	Fine	Moderate	12:51	14	S	1	3											4.75										NA	NA	NA	NA		
SR12	1/10/2019	Mid-Ebb	Fine	Moderate	12:51	14	M	7	1	8.33		30.14		30.14		72.2		4.68			4.4			0.29			0.036			NA	NA	NA	NA		
SR12	1/10/2019	Mid-Ebb	Fine	Moderate	12:51	14	M	7	2	8.33	8.33	30.14	30.14	30.14	30.14	72.3	72.3	4.68	4.68		4.4	4.4	4.4	0.29	0.29	0.28	0.036	0.036	0.035	NA	NA	NA	NA	NA	NA
SR12	1/10/2019	Mid-Ebb	Fine	Moderate	12:51	14	M	7	3																					NA	NA	NA	NA		
SR12	1/10/2019	Mid-Ebb	Fine	Moderate	12:51	14	B	13	1	8.35		30.02		29.72		69.7		4.55			5.3			0.28			0.035			NA	NA	NA	NA		
SR12	1/10/2019	Mid-Ebb	Fine	Moderate	12:51	14	B	13	2	8.35	8.35	30.03	30.03	29.72	29.72	69.8	69.8	4.56	4.56		5.3	5.3		0.29	0.29		0.036	0.036		NA	NA	NA	NA	NA	
SR12	1/10/2019	Mid-Ebb	Fine	Moderate	12:51	14	B	13	3																					NA	NA	NA	NA		
SR13	1/10/2019	Mid-Ebb	Fine	Moderate	12:59	13	S	1	1	8.34		30.19		30.07		75.3		4.88			2.1			NA			NA			NA	NA	NA	NA		
SR13	1/10/2019	Mid-Ebb	Fine	Moderate	12:59	13	S	1	2	8.34	8.34	30.19	30.19	30.07	30.07	75.3	75.3	4.89	4.89		2.2	2.2		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	1/10/2019	Mid-Ebb	Fine	Moderate	12:59	13	S	1	3											4.82										NA	NA	NA	NA		
SR13	1/10/2019	Mid-Ebb	Fine	Moderate	12:59	13	M	6.5	1	8.36		30.24		30.02		72.6		4.74			2.6			NA			NA			NA	NA	NA	NA		
SR13	1/10/2019	Mid-Ebb	Fine	Moderate	12:59	13	M	6.5	2	8.36	8.36	30.24	30.24	30.00	30.01	72.5	72.6	4.75	4.75		2.6	2.6	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	1/10/2019	Mid-Ebb	Fine	Moderate	12:59	13	M	6.5	3																					NA	NA	NA	NA		
SR13	1/10/2019	Mid-Ebb	Fine	Moderate	12:59	13	B	12	1	8.36		30.28		29.84		70.7		4.63			3.1			NA			NA			NA	NA	NA	NA		
SR13	1/10/2019	Mid-Ebb	Fine	Moderate	12:59	13	B	12	2	8.36	8.36	30.28	30.28	29.87	29.86	70.4	70.6	4.60	4.62		3.2	3.1		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	1/10/2019	Mid-Ebb	Fine	Moderate	12:59	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 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									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)		
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)																	
										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	1/10/2019	Mid-Ebb	Fine	Moderate	12:08	28	S	1	1	15			0.15			0.021			0.15	0.10	0.06	0.31			440			<0.5			<1		
C1A	1/10/2019	Mid-Ebb	Fine	Moderate	12:08	28	S	1	2	15	15		0.17	0.16		0.023	0.022		0.17	0.10	0.06	0.33	0.32		340	387		<0.5	0.50		<1	1	
C1A	1/10/2019	Mid-Ebb	Fine	Moderate	12:08	28	S	1	3										0.17	0.10	0.05	0.32											
C1A	1/10/2019	Mid-Ebb	Fine	Moderate	12:08	28	M	14	1	13			0.16			0.022			0.16	0.10	0.06	0.32			260			<0.5			<1		
C1A	1/10/2019	Mid-Ebb	Fine	Moderate	12:08	28	M	14	2	12	13	13	0.17	0.17	0.16	0.024	0.023	0.023	0.17	0.11	0.06	0.34	0.33	0.33	290	275	338	<0.5	0.50	0.50	<1	1	1
C1A	1/10/2019	Mid-Ebb	Fine	Moderate	12:08	28	M	14	3										0.17	0.11	0.06	0.34											
C1A	1/10/2019	Mid-Ebb	Fine	Moderate	12:08	28	B	27	1	12			0.17			0.024			0.17	0.10	0.06	0.33			340			<0.5			<1		
C1A	1/10/2019	Mid-Ebb	Fine	Moderate	12:08	28	B	27	2	12	12		0.16	0.17		0.023	0.023		0.16	0.11	0.05	0.32	0.33		390	364		<0.5	0.50		<1	1	
C1A	1/10/2019	Mid-Ebb	Fine	Moderate	12:08	28	B	27	3										0.16	0.11	0.06	0.33											
C2A	1/10/2019	Mid-Ebb	Fine	Moderate	13:19	11	S	1	1	10			0.30			0.036			0.30	0.07	0.04	0.41			7400			<0.5			<1		
C2A	1/10/2019	Mid-Ebb	Fine	Moderate	13:19	11	S	1	2	11	11		0.36	0.33		0.043	0.039		0.36	0.07	0.04	0.47	0.44		6900	7146		<0.5	0.50		<1	1	
C2A	1/10/2019	Mid-Ebb	Fine	Moderate	13:19	11	S	1	3										0.32	0.07	0.04	0.43											
C2A	1/10/2019	Mid-Ebb	Fine	Moderate	13:19	11	M	5.5	1	7			0.33			0.041			0.33	0.07	0.04	0.44			7900			<0.5			<1		
C2A	1/10/2019	Mid-Ebb	Fine	Moderate	13:19	11	M	5.5	2	7	7	9	0.32	0.33	0.33	0.040	0.041	0.041	0.32	0.07	0.04	0.43	0.43	0.43	7400	7646	6925	<0.5	0.50	0.50	<1	1	1
C2A	1/10/2019	Mid-Ebb	Fine	Moderate	13:19	11	M	5.5	3										0.30	0.07	0.04	0.41											
C2A	1/10/2019	Mid-Ebb	Fine	Moderate	13:19	11	B	10	1	8			0.33			0.042			0.33	0.07	0.04	0.44			5600			<0.5			<1		
C2A	1/10/2019	Mid-Ebb	Fine	Moderate	13:19	11	B	10	2	8	8		0.33	0.33		0.042	0.042		0.33	0.07	0.04	0.44	0.44		6600	6079		<0.5	0.50		<1	1	
C2A	1/10/2019	Mid-Ebb	Fine	Moderate	13:19	11	B	10	3										0.32	0.07	0.04	0.43											
G2	1/10/2019	Mid-Ebb	Fine	Moderate	12:35	12	S	1	1	6			NA			NA			0.21	0.09	0.05	0.35			NA			NA			NA		
G2	1/10/2019	Mid-Ebb	Fine	Moderate	12:35	12	S	1	2	6	6		NA	NA		NA	NA		0.22	0.09	0.05	0.36	0.35		NA	NA		NA	NA		NA	NA	
G2	1/10/2019	Mid-Ebb	Fine	Moderate	12:35	12	S	1	3										0.21	0.09	0.05	0.35											
G2	1/10/2019	Mid-Ebb	Fine	Moderate	12:35	12	M	6	1	8			NA			NA			0.20	0.09	0.05	0.34			NA			NA			NA		
G2	1/10/2019	Mid-Ebb	Fine	Moderate	12:35	12	M	6	2	7	8	7	NA	NA	NA	NA	NA	NA	0.20	0.09	0.05	0.34	0.34	0.35	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	1/10/2019	Mid-Ebb	Fine	Moderate	12:35	12	M	6	3										0.20	0.09	0.05	0.34											
G2	1/10/2019	Mid-Ebb	Fine	Moderate	12:35	12	B	11	1	7			NA			NA			0.21	0.09	0.05	0.35			NA			NA			NA		
G2	1/10/2019	Mid-Ebb	Fine	Moderate	12:35	12	B	11	2	8	8		NA	NA		NA	NA		0.21	0.09	0.05	0.35	0.35		NA	NA		NA	NA		NA	NA	
G2	1/10/2019	Mid-Ebb	Fine	Moderate	12:35	12	B	11	3										0.20	0.10	0.05	0.35											
SR4	1/10/2019	Mid-Ebb	Fine	Moderate	12:43	4	S	1	1	8			0.26			0.034			NA	NA	NA	NA			1100			<0.5			<1		
SR4	1/10/2019	Mid-Ebb	Fine	Moderate	12:43	4	S	1	2	8	8		0.26	0.26		0.034	0.034		NA	NA	NA	NA	NA		1300	1196		<0.5	0.50		<1	1	
SR4	1/10/2019	Mid-Ebb	Fine	Moderate	12:43	4	S	1	3										NA	NA	NA	NA											
SR4	1/10/2019	Mid-Ebb	Fine	Moderate	12:43	4	M		1										NA	NA	NA	NA											
SR4	1/10/2019	Mid-Ebb	Fine	Moderate	12:43	4	M		2		NA	9		NA	0.27		NA	0.035	NA	NA	NA	NA	NA	NA		NA	1358		NA	0.50		NA	1
SR4	1/10/2019	Mid-Ebb	Fine	Moderate	12:43	4	M		3										NA	NA	NA	NA											
SR4	1/10/2019	Mid-Ebb	Fine	Moderate	12:43	4	B	3	1	9			0.27			0.036			NA	NA	NA	NA			1400			<0.5			<1		
SR4	1/10/2019	Mid-Ebb	Fine	Moderate	12:43	4	B	3	2	10	10		0.27	0.27		0.036	0.036		NA	NA	NA	NA	NA		1700	1543		<0.5	0.50		<1	1	
SR4	1/10/2019	Mid-Ebb	Fine	Moderate	12:43	4	B	3	3										NA	NA	NA	NA											
SR5	1/10/2019	Mid-Ebb	Fine	Moderate	12:23	11	S	1	1	9			NA			NA			0.18	0.10	0.05	0.33			NA			NA			NA		
SR5	1/10/2019	Mid-Ebb	Fine	Moderate	12:23	11	S	1	2	10	10		NA	NA		NA	NA		0.18	0.09	0.05	0.32	0.33		NA	NA		NA	NA		NA	NA	
SR5	1/10/2019	Mid-Ebb	Fine	Moderate	12:23	11	S	1	3										0.20	0.10	0.05	0.35											
SR5	1/10/2019	Mid-Ebb	Fine	Moderate	12:23	11	M	5.5	1	6			NA			NA			0.19	0.10	0.05	0.34			NA			NA			NA		
SR5	1/10/2019	Mid-Ebb	Fine	Moderate	12:23	11	M	5.5	2	6	6	8	NA	NA	NA	NA	NA	NA	0.23	0.10	0.05	0.38	0.35	0.34	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	1/10/2019	Mid-Ebb	Fine	Moderate	12:23	11	M	5.5	3										0.19	0.10	0.05	0.34											
SR5	1/10/2019	Mid-Ebb	Fine	Moderate	12:23	11	B	10	1	9			NA			NA			0.21	0.10	0.05	0.36			NA			NA			NA		
SR5	1/10/2019	Mid-Ebb	Fine	Moderate	12:23	11	B	10	2	8	9		NA	NA		NA	NA		0.20	0.09	0.05	0.34	0.35		NA	NA		NA	NA		NA	NA	
SR5	1/10/2019	Mid-Ebb	Fine	Moderate	12:23	11	B	10	3										0.19	0.10	0.05	0.34											
SR12	1/10/2019	Mid-Ebb	Fine	Moderate	12:51	14	S	1	1	7			0.28			0.034			NA	NA	NA	NA			3400			<0.5			<1		
SR12	1/10/2019	Mid-Ebb	Fine	Moderate	12:51	14	S	1	2	8	8		0.27	0.28		0.032	0.033		NA	NA	NA	NA	NA		3100	3247		<0.5	0.50		<1	1	
SR12	1/10/2019	Mid-Ebb	Fine	Moderate	12:51	14	S	1	3										NA	NA	NA	NA											
SR12	1/10/2019	Mid-Ebb	Fine	Moderate	12:51	14	M	7	1	8			0.29			0.036			NA	NA	NA	NA			5400			<0.5			<1		
SR12	1/10/2019	Mid-Ebb	Fine	Moderate	12:51	14	M	7	2	8	8	8	0.26	0.28	0.27	0.032	0.034	0.033	NA	NA	NA	NA	NA	NA	4900	5144	4042	<0.5	0.50	0.50	1	1	1
SR12	1/10/2019	Mid-Ebb	Fine	Moderate	12:51	14	M	7	3										NA	NA	NA	NA											
SR12	1/10/2019	Mid-Ebb	Fine	Moderate	12:51	14	B	13	1	9			0.26			0.033			NA	NA	NA	NA			3400			<0.5			<1		
SR12	1/10/2019	Mid-Ebb	Fine	Moderate	12:51	14	B	13	2	8	9		0.27	0.27		0.034	0.033		NA	NA	NA	NA	NA		4600	3955		<0.5	0.50		<1	1	
SR12	1/10/2019	Mid-Ebb	Fine	Moderate	12:51	14	B	13	3										NA	NA	NA	NA											
SR13	1/10/2019	Mid-Ebb	Fine	Moderate	12:59	13	S	1	1	15			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	1/10/2019	Mid-Ebb	Fine	Moderate	12:59	13	S	1	2	15	15		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	1/10/2019	Mid-Ebb	Fine	Moderate	12:59	13	S	1	3										NA	NA	NA	NA											
SR13	1/10/2019	Mid-Ebb	Fine	Moderate	12:59	13	M	6.5	1	12			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	1/10/2019	Mid-Ebb	Fine	Moderate	12:59	13	M	6.5	2	10	11	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	1/10/2019	Mid-Ebb	Fine	Moderate	12:59	13	M	6.5	3										NA	NA	NA	NA											
SR13	1/10/2019	Mid-Ebb	Fine	Moderate	12:59	13	B	12	1	9			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	1/10/2019	Mid-Ebb	Fine	Moderate	12:59	13	B	12	2	10	10		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	1/10/2019	Mid-Ebb	Fine	Moderate	12:59	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 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	Value	Ave.	Depth	Value	Ave.	Depth				Value	Ave.	Depth
C1A	3/10/2019	Mid-Flood	Fine	Moderate	11:54	28	S	1	1	8.73	8.74	23.30	23.30	29.69	29.69	142.2	142.2	9.42	9.42	8.77	2.1	2.1	2.6	0.12	0.12	0.13	0.032	0.032	0.031	0.12	0.10	0.07	0.29	0.29	0.31
C1A	3/10/2019	Mid-Flood	Fine	Moderate	11:54	28	S	1	2	8.74		23.29		29.69		142.1		9.41			2.1			0.12			0.032			0.12	0.10	0.07	0.29		
C1A	3/10/2019	Mid-Flood	Fine	Moderate	11:54	28	S	1	3																					0.12	0.10	0.07	0.29		
C1A	3/10/2019	Mid-Flood	Fine	Moderate	11:54	28	M	14	1	8.55	8.60	23.68	23.68	29.59	29.58	116.3	116.3	8.11	8.12		2.6	2.6		0.15	0.16		0.031	0.032		0.15	0.10	0.07	0.32	0.33	
C1A	3/10/2019	Mid-Flood	Fine	Moderate	11:54	28	M	14	2	8.64		23.67		29.57		116.3		8.12			2.6			0.16			0.033			0.16	0.11	0.07	0.34		
C1A	3/10/2019	Mid-Flood	Fine	Moderate	11:54	28	M	14	3																					0.14	0.11	0.07	0.32		
C1A	3/10/2019	Mid-Flood	Fine	Moderate	11:54	28	B	27	1	8.69	8.69	24.72	24.72	29.46	29.46	99.7	99.6	7.07	7.06		3.1	3.2		0.12	0.13		0.029	0.030		0.12	0.11	0.07	0.30	0.31	
C1A	3/10/2019	Mid-Flood	Fine	Moderate	11:54	28	B	27	2	8.68		24.71		29.46		99.5		7.05			3.2			0.13			0.031			0.13	0.12	0.07	0.32		
C1A	3/10/2019	Mid-Flood	Fine	Moderate	11:54	28	B	27	3																					0.12	0.11	0.07	0.30		
C2A	3/10/2019	Mid-Flood	Fine	Moderate	10:30	13	S	1	1	8.26	8.27	30.31	30.31	29.32	29.32	66.2	66.3	4.29	4.29	4.27	4.6	4.6	4.3	0.24	0.25	0.36	0.025	0.026	0.038	0.24	0.09	0.07	0.40	0.41	0.51
C2A	3/10/2019	Mid-Flood	Fine	Moderate	10:30	13	S	1	2	8.27		30.30		29.32		66.4		4.28			4.6			0.26			0.027			0.26	0.09	0.07	0.42		
C2A	3/10/2019	Mid-Flood	Fine	Moderate	10:30	13	S	1	3																					0.24	0.09	0.07	0.40		
C2A	3/10/2019	Mid-Flood	Fine	Moderate	10:30	13	M	6.5	1	8.28	8.28	30.43	30.43	29.22	29.22	66.0	65.9	4.24	4.26		4.1	4.1		0.39	0.39		0.041	0.040		0.39	0.08	0.06	0.53	0.53	
C2A	3/10/2019	Mid-Flood	Fine	Moderate	10:30	13	M	6.5	2	8.27		30.42		29.23		65.8		4.28			4.1			0.38			0.040			0.38	0.08	0.06	0.52		
C2A	3/10/2019	Mid-Flood	Fine	Moderate	10:30	13	M	6.5	3																					0.39	0.09	0.06	0.54		
C2A	3/10/2019	Mid-Flood	Fine	Moderate	10:30	13	B	12	1	8.28	8.27	30.37	30.41	29.34	29.34	65.1	65.2	4.21	4.22		4.1	4.1		0.45	0.46		0.047	0.048		0.45	0.09	0.05	0.59	0.59	
C2A	3/10/2019	Mid-Flood	Fine	Moderate	10:30	13	B	12	2	8.27		30.45		29.34		65.2		4.22			4.1			0.46			0.048			0.46	0.09	0.05	0.60		
C2A	3/10/2019	Mid-Flood	Fine	Moderate	10:30	13	B	12	3																					0.45	0.09	0.05	0.59		
G2	3/10/2019	Mid-Flood	Fine	Moderate	11:24	12	S	1	1	8.49	8.48	27.18	27.12	29.36	29.32	88.1	87.9	5.80	5.78	5.71	1.4	1.4	2.0	NA	NA	NA	NA	NA	NA	0.15	0.11	0.07	0.33	0.34	0.34
G2	3/10/2019	Mid-Flood	Fine	Moderate	11:24	12	S	1	2	8.47		27.06		29.27		87.6		5.76			1.5			NA			NA			0.15	0.11	0.07	0.33		
G2	3/10/2019	Mid-Flood	Fine	Moderate	11:24	12	S	1	3																					0.17	0.11	0.07	0.35		
G2	3/10/2019	Mid-Flood	Fine	Moderate	11:24	12	M	6	1	8.44	8.45	27.64	27.67	29.13	29.13	85.2	85.3	5.64	5.64		1.9	1.9		NA	NA		NA	NA		0.16	0.11	0.07	0.34	0.34	
G2	3/10/2019	Mid-Flood	Fine	Moderate	11:24	12	M	6	2	8.45		27.69		29.12		85.3		5.63			1.9			NA			NA			0.16	0.11	0.07	0.34		
G2	3/10/2019	Mid-Flood	Fine	Moderate	11:24	12	M	6	3																					0.16	0.11	0.07	0.34		
G2	3/10/2019	Mid-Flood	Fine	Moderate	11:24	12	B	11	1	8.39	8.40	28.04	28.08	29.04	29.04	81.4	81.6	5.32	5.34		2.6	2.6		NA	NA		NA	NA		0.16	0.12	0.07	0.35	0.35	
G2	3/10/2019	Mid-Flood	Fine	Moderate	11:24	12	B	11	2	8.40		28.12		29.04		81.7		5.35			2.6			NA			NA			0.17	0.12	0.07	0.36		
G2	3/10/2019	Mid-Flood	Fine	Moderate	11:24	12	B	11	3																					0.15	0.12	0.07	0.34		
SR4	3/10/2019	Mid-Flood	Fine	Moderate	11:11	4	S	1	1	8.36	8.37	28.64	28.68	28.75	28.68	83.6	83.6	5.57	5.57	5.57	2.0	2.1	2.6	0.19	0.19	0.19	0.023	0.023	0.021	NA	NA	NA	NA	NA	NA
SR4	3/10/2019	Mid-Flood	Fine	Moderate	11:11	4	S	1	2	8.37		28.71		28.61		83.5		5.56			2.1			0.18			0.022			NA	NA	NA	NA		
SR4	3/10/2019	Mid-Flood	Fine	Moderate	11:11	4	S	1	3																					NA	NA	NA	NA		
SR4	3/10/2019	Mid-Flood	Fine	Moderate	11:11	4	M		1																					NA	NA	NA	NA		
SR4	3/10/2019	Mid-Flood	Fine	Moderate	11:11	4	M		2		NA		NA		NA		NA		NA			NA			NA			NA		NA	NA	NA	NA	NA	
SR4	3/10/2019	Mid-Flood	Fine	Moderate	11:11	4	M		3																					NA	NA	NA	NA		
SR4	3/10/2019	Mid-Flood	Fine	Moderate	11:11	4	B	3	1	8.31	8.31	30.05	30.12	28.34	28.33	70.1	70.2	4.67	4.67		3.2	3.1		0.19	0.19		0.020	0.020		NA	NA	NA	NA	NA	
SR4	3/10/2019	Mid-Flood	Fine	Moderate	11:11	4	B	3	2	8.31		30.18		28.32		70.2		4.67			3.1			0.19			0.020			NA	NA	NA	NA		
SR4	3/10/2019	Mid-Flood	Fine	Moderate	11:11	4	B	3	3																					NA	NA	NA	NA		
SR5	3/10/2019	Mid-Flood	Fine	Moderate	11:39	11	S	1	1	8.60	8.57	24.91	25.02	29.38	29.44	118.6	118.6	7.91	7.91	7.71	2.5	2.5	3.4	NA	NA	NA	NA	NA	NA	0.12	0.11	0.07	0.30	0.30	0.30
SR5	3/10/2019	Mid-Flood	Fine	Moderate	11:39	11	S	1	2	8.54		25.12		29.49		118.5		7.90			2.5			NA			NA			0.13	0.11	0.07	0.31		
SR5	3/10/2019	Mid-Flood	Fine	Moderate	11:39	11	S	1	3																					0.12	0.11	0.07	0.30		
SR5	3/10/2019	Mid-Flood	Fine	Moderate	11:39	11	M	5.5	1	8.72	8.68	25.64	25.73	29.03	29.04	104.1	104.2	7.53	7.52		3.5	3.5		NA	NA		NA	NA		0.12	0.11	0.07	0.30		
SR5	3/10/2019	Mid-Flood	Fine	Moderate	11:39	11	M	5.5	2	8.64		25.81		29.05		104.2		7.51			3.6			NA			NA			0.12	0.11	0.07	0.30		
SR5	3/10/2019	Mid-Flood	Fine	Moderate	11:39	11	M	5.5	3																					0.12	0.11	0.07	0.30		
SR5	3/10/2019	Mid-Flood	Fine	Moderate	11:39	11	B	10	1	8.61	8.66	26.12	26.19	28.86	28.86	100.7	100.7	7.41	7.41		4.1	4.1		NA	NA		NA	NA		0.11	0.10	0.08	0.29	0.29	
SR5	3/10/2019	Mid-Flood	Fine	Moderate	11:39	11	B	10	2	8.71		26.25		28.86		100.6		7.40			4.1			NA			NA			0.11	0.10	0.08	0.29		
SR5	3/10/2019	Mid-Flood	Fine	Moderate	11:39	11	B	10	3																					0.12	0.10	0.08	0.30		
SR12	3/10/2019	Mid-Flood	Fine	Moderate	10:58	15	S	1	1	8.08	8.10	29.84	29.85	29.37	29.35	62.1	62.1	4.03	4.03	3.93	0.6	0.7	1.2	0.18	0.18	0.19	0.013	0.013	0.014	NA	NA	NA	NA	NA	NA
SR12	3/10/2019	Mid-Flood	Fine	Moderate	10:58	15	S	1	2	8.12		29.85		29.33		62.1		4.03			0.7			0.18			0.013			NA	NA	NA	NA		
SR12	3/10/2019	Mid-Flood	Fine	Moderate	10:58	15	S	1	3																					NA	NA	NA	NA		
SR12	3/10/2019	Mid-Flood	Fine	Moderate	10:58	15	M	7.5	1	8.14	8.15	30.12	30.20	29.27	29.28	60.7	60.7	3.83	3.83		1.3	1.4		0.19	0.19		0.015	0.015		NA	NA	NA	NA	NA	NA
SR12	3/10/2019	Mid-Flood	Fine	Moderate	10:58	15	M	7.5	2	8.15		30.28		29.28		60.6		3.83			1.4			0.19			0.015			NA	NA	NA	NA		
SR12	3/10/2019	Mid-Flood	Fine	Moderate	10:58	15	M	7.5	3																					NA	NA	NA	NA		
SR12	3/10/2019	Mid-Flood	Fine	Moderate	10:58	15	B	14	1	8.09	8.10	30.37	30.39	29.06	29.07	58.4	58.3	3.73	3.72		1.6	1.6		0.21	0.21		0.015	0.014		NA	NA	NA	NA	NA	
SR12	3/10/2019	Mid-Flood	Fine	Moderate	10:58	15	B	14	2	8.10		30.41		29.08		58.1		3.70			1.6			0.20			0.014			NA	NA	NA	NA		
SR12	3/10/2019	Mid-Flood	Fine	Moderate	10:58	15	B	14	3																					NA	NA	NA	NA		
SR13	3/10/2019	Mid-Flood	Fine	Moderate	10:47	14	S	1	1	8.29	8.24	30.13	30.14	29.47	29.46	66.1	66.2	4.28	4.28	4.24	2.1	2.1	3.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	3/10/2019	Mid-Flood	Fine	Moderate	10:47	14	S	1	2	8.18		30.14		29.45		66.2		4.28			2.1			NA			NA			NA	NA	NA	NA		
SR13	3/10/2019	Mid-Flood	Fine	Moderate	10:47	14	S	1	3																					NA	NA	NA	NA		
SR13	3/10/2019	Mid-Flood	Fine	Moderate	10:47	14	M	7	1	8.28	8.23	30.38	30.33	29.33	29.33	65.0	65.0	4.20	4.20		4.0	4.0		NA	NA		NA	NA		NA	NA	NA	NA	NA	NA
SR13	3/10/2019	Mid-Flood	Fine	Moderate	10:47	14	M	7	2	8.17		30.27		29.33		65.0		4.20			4.0			NA			NA			NA	NA	NA	NA		
SR13	3/10/2019	Mid-Flood	Fine	Moderate	10:47	14	M	7	3																					NA	NA	NA	NA		
SR13	3/10/2019	Mid-Flood	Fine	Moderate	10:47	14	B	13	1	8.31	8.31	30.48	30.48	29.35	29.35	64.3	64.3	4.16	4.16		3.5	3.6		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	3/10/2019	Mid-Flood	Fine	Moderate	10:47	14	B	13	2	8.31		30.47		29.35		64.2		4.15			3.6			NA			NA			NA	NA	NA	NA		
SR13	3/10/2019	Mid-Flood	Fine	Moderate	10:47	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 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	3/10/2019	Mid-Flood	Fine	Moderate	11:54	28	S	1	1	7			0.12			0.032			0.12	0.10	0.07	0.29			240			NA			<1		
C1A	3/10/2019	Mid-Flood	Fine	Moderate	11:54	28	S	1	2	8	8		0.13	0.13		0.035	0.033		0.13	0.09	0.07	0.29	0.29		210	224		NA	NA			1	
C1A	3/10/2019	Mid-Flood	Fine	Moderate	11:54	28	S	1	3										0.12	0.10	0.07	0.29									<1		
C1A	3/10/2019	Mid-Flood	Fine	Moderate	11:54	28	M	14	1	8			0.18			0.037			0.18	0.10	0.07	0.35			260			NA			<1		
C1A	3/10/2019	Mid-Flood	Fine	Moderate	11:54	28	M	14	2	8	8	8	0.12	0.15	0.13	0.025	0.031	0.031	0.12	0.11	0.07	0.30	0.32	0.30	240	250	236	NA	NA	NA		1	1
C1A	3/10/2019	Mid-Flood	Fine	Moderate	11:54	28	M	14	3										0.12	0.11	0.07	0.30									<1		
C1A	3/10/2019	Mid-Flood	Fine	Moderate	11:54	28	B	27	1	7			0.11			0.026			0.11	0.11	0.07	0.29			230			NA			<1		
C1A	3/10/2019	Mid-Flood	Fine	Moderate	11:54	28	B	27	2	7	7		0.14	0.13		0.034	0.030		0.14	0.10	0.07	0.31	0.30		240	235		NA	NA			1	
C1A	3/10/2019	Mid-Flood	Fine	Moderate	11:54	28	B	27	3										0.12	0.11	0.07	0.30									<1		
C2A	3/10/2019	Mid-Flood	Fine	Moderate	10:30	13	S	1	1	4			0.25			0.026			0.25	0.09	0.06	0.40			1300			NA			<1		
C2A	3/10/2019	Mid-Flood	Fine	Moderate	10:30	13	S	1	2	5	5		0.23	0.24		0.024	0.025		0.23	0.09	0.07	0.39	0.45		1200	1249		NA	NA			1	
C2A	3/10/2019	Mid-Flood	Fine	Moderate	10:30	13	S	1	3										0.44	0.08	0.05	0.57									<1		
C2A	3/10/2019	Mid-Flood	Fine	Moderate	10:30	13	M	6.5	1	4			0.44			0.046			0.44	0.07	0.05	0.56			1400			NA			<1		
C2A	3/10/2019	Mid-Flood	Fine	Moderate	10:30	13	M	6.5	2	4	4	4	0.44	0.44	0.37	0.046	0.046	0.039	0.44	0.08	0.05	0.57	0.57	0.53	1500	1449	1394	NA	NA	NA		1	1
C2A	3/10/2019	Mid-Flood	Fine	Moderate	10:30	13	M	6.5	3										0.44	0.09	0.05	0.58									<1		
C2A	3/10/2019	Mid-Flood	Fine	Moderate	10:30	13	B	12	1	5			0.44			0.046			0.44	0.08	0.05	0.57			1600			NA			<1		
C2A	3/10/2019	Mid-Flood	Fine	Moderate	10:30	13	B	12	2	4	5		0.44	0.44		0.046	0.046		0.44	0.09	0.05	0.58	0.57		1400	1497		NA	NA			1	
C2A	3/10/2019	Mid-Flood	Fine	Moderate	10:30	13	B	12	3										0.44	0.08	0.05	0.57											
G2	3/10/2019	Mid-Flood	Fine	Moderate	11:24	12	S	1	1	6			NA			NA			0.15	0.10	0.07	0.32			NA			NA			NA		
G2	3/10/2019	Mid-Flood	Fine	Moderate	11:24	12	S	1	2	7	7		NA	NA		NA	NA		0.15	0.11	0.07	0.33	0.33		NA	NA		NA	NA		NA	NA	
G2	3/10/2019	Mid-Flood	Fine	Moderate	11:24	12	S	1	3										0.17	0.11	0.07	0.35											
G2	3/10/2019	Mid-Flood	Fine	Moderate	11:24	12	M	6	1	5			NA			NA			0.16	0.11	0.07	0.34			NA			NA			NA		
G2	3/10/2019	Mid-Flood	Fine	Moderate	11:24	12	M	6	2	6	6	6	NA	NA	NA	NA	NA	NA	0.16	0.11	0.07	0.34	0.34	0.34	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	3/10/2019	Mid-Flood	Fine	Moderate	11:24	12	M	6	3										0.16	0.11	0.07	0.34											
G2	3/10/2019	Mid-Flood	Fine	Moderate	11:24	12	B	11	1	6			NA			NA			0.16	0.11	0.07	0.34			NA			NA			NA		
G2	3/10/2019	Mid-Flood	Fine	Moderate	11:24	12	B	11	2	7	7		NA	NA		NA	NA		0.17	0.11	0.07	0.35	0.34		NA	NA		NA	NA		NA	NA	
G2	3/10/2019	Mid-Flood	Fine	Moderate	11:24	12	B	11	3										0.15	0.10	0.07	0.32											
SR4	3/10/2019	Mid-Flood	Fine	Moderate	11:11	4	S	1	1	7			0.18			0.022			NA	NA	NA	NA			340			NA			<1		
SR4	3/10/2019	Mid-Flood	Fine	Moderate	11:11	4	S	1	2	6	7		0.19	0.19		0.023	0.023		NA	NA	NA	NA	NA		290	314		NA	NA		<1	1	
SR4	3/10/2019	Mid-Flood	Fine	Moderate	11:11	4	S	1	3										NA	NA	NA	NA											
SR4	3/10/2019	Mid-Flood	Fine	Moderate	11:11	4	M		1										NA	NA	NA	NA											
SR4	3/10/2019	Mid-Flood	Fine	Moderate	11:11	4	M		2		NA	6		NA	0.19		NA	0.021	NA	NA	NA	NA	NA	NA		NA	293	NA	NA	NA		NA	1
SR4	3/10/2019	Mid-Flood	Fine	Moderate	11:11	4	M		3										NA	NA	NA	NA											
SR4	3/10/2019	Mid-Flood	Fine	Moderate	11:11	4	B	3	1	6			0.18			0.019			NA	NA	NA	NA			240			NA			<1		
SR4	3/10/2019	Mid-Flood	Fine	Moderate	11:11	4	B	3	2	6	6		0.19	0.19		0.020	0.020		NA	NA	NA	NA	NA		310	273		NA	NA		<1	1	
SR4	3/10/2019	Mid-Flood	Fine	Moderate	11:11	4	B	3	3										NA	NA	NA	NA											
SR5	3/10/2019	Mid-Flood	Fine	Moderate	11:39	11	S	1	1	7			NA			NA			0.12	0.11	0.07	0.30			NA			NA			NA		
SR5	3/10/2019	Mid-Flood	Fine	Moderate	11:39	11	S	1	2	7	7		NA	NA		NA	NA		0.13	0.10	0.07	0.30	0.30		NA	NA		NA	NA		NA	NA	
SR5	3/10/2019	Mid-Flood	Fine	Moderate	11:39	11	S	1	3										0.11	0.11	0.07	0.29											
SR5	3/10/2019	Mid-Flood	Fine	Moderate	11:39	11	M	5.5	1	7			NA			NA			0.12	0.10	0.07	0.29			NA			NA			NA		
SR5	3/10/2019	Mid-Flood	Fine	Moderate	11:39	11	M	5.5	2	7	7	7	NA	NA	NA	NA	NA	NA	0.12	0.11	0.07	0.30	0.30	0.29	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	3/10/2019	Mid-Flood	Fine	Moderate	11:39	11	M	5.5	3										0.12	0.11	0.07	0.30											
SR5	3/10/2019	Mid-Flood	Fine	Moderate	11:39	11	B	10	1	7			NA			NA			0.11	0.11	0.07	0.29			NA			NA			NA		
SR5	3/10/2019	Mid-Flood	Fine	Moderate	11:39	11	B	10	2	7	7		NA	NA		NA	NA		0.11	0.10	0.07	0.28	0.29		NA	NA		NA	NA		NA	NA	
SR5	3/10/2019	Mid-Flood	Fine	Moderate	11:39	11	B	10	3										0.13	0.10	0.07	0.30											
SR12	3/10/2019	Mid-Flood	Fine	Moderate	10:58	15	S	1	1	7			0.18			0.013			NA	NA	NA	NA			31			NA			<1		
SR12	3/10/2019	Mid-Flood	Fine	Moderate	10:58	15	S	1	2	6	7		0.18	0.18		0.013	0.013		NA	NA	NA	NA	NA		29	30		NA	NA		<1	1	
SR12	3/10/2019	Mid-Flood	Fine	Moderate	10:58	15	S	1	3										NA	NA	NA	NA											
SR12	3/10/2019	Mid-Flood	Fine	Moderate	10:58	15	M	7.5	1	8			0.20			0.016			NA	NA	NA	NA			40			NA			<1		
SR12	3/10/2019	Mid-Flood	Fine	Moderate	10:58	15	M	7.5	2	9	9	8	0.20	0.20	0.19	0.016	0.016	0.014	NA	NA	NA	NA	NA	NA	37	38	29	NA	NA	NA	<1	1	1
SR12	3/10/2019	Mid-Flood	Fine	Moderate	10:58	15	M	7.5	3										NA	NA	NA	NA											
SR12	3/10/2019	Mid-Flood	Fine	Moderate	10:58	15	B	14	1	10			0.20			0.014			NA	NA	NA	NA			24			NA			<1		
SR12	3/10/2019	Mid-Flood	Fine	Moderate	10:58	15	B	14	2	10	10		0.18	0.19		0.013	0.013		NA	NA	NA	NA	NA		19	21		NA	NA		<1	1	
SR12	3/10/2019	Mid-Flood	Fine	Moderate	10:58	15	B	14	3										NA	NA	NA	NA											
SR13	3/10/2019	Mid-Flood	Fine	Moderate	10:47	14	S	1	1	5			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	3/10/2019	Mid-Flood	Fine	Moderate	10:47	14	S	1	2	5	5		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	3/10/2019	Mid-Flood	Fine	Moderate	10:47	14	S	1	3										NA	NA	NA	NA											
SR13	3/10/2019	Mid-Flood	Fine	Moderate	10:47	14	M	7	1	5			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	3/10/2019	Mid-Flood	Fine	Moderate	10:47	14	M	7	2	4	5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	3/10/2019	Mid-Flood	Fine	Moderate	10:47	14	M	7	3										NA	NA	NA	NA											
SR13	3/10/2019	Mid-Flood	Fine	Moderate	10:47	14	B	13	1	4			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	3/10/2019	Mid-Flood	Fine	Moderate	10:47	14	B	13	2	6	5		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	3/10/2019	Mid-Flood	Fine	Moderate	10:47	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 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-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth	Value	Ave.	Depth	Value	Ave.	Depth					Ave.	Depth
C1A	3/10/2019	Mid-Ebb	Fine	Moderate	15:09	28	S	1	1	8.71		23.30		29.70		142.8		9.48			2.1			0.12			0.031			0.12	0.10	0.07	0.29		
C1A	3/10/2019	Mid-Ebb	Fine	Moderate	15:09	28	S	1	2	8.72	8.72	23.20	23.25	29.71	29.71	141.6	142.2	9.37	9.43		2.2	2.2		0.12	0.12		0.031	0.031		0.12	0.10	0.07	0.29	0.29	
C1A	3/10/2019	Mid-Ebb	Fine	Moderate	15:09	28	S	1	3											8.78										0.12	0.10	0.07	0.29		
C1A	3/10/2019	Mid-Ebb	Fine	Moderate	15:09	28	M	14	1	8.64		23.68		29.58		116.5		8.13			2.5			0.12			0.027			0.12	0.11	0.07	0.30		
C1A	3/10/2019	Mid-Ebb	Fine	Moderate	15:09	28	M	14	2	8.63	8.64	23.64	23.66	29.56	29.57	116.6	116.6	8.14	8.14		2.6	2.6	2.6	0.12	0.12	0.12	0.027	0.027	0.029	0.12	0.11	0.07	0.30	0.30	0.29
C1A	3/10/2019	Mid-Ebb	Fine	Moderate	15:09	28	M	14	3																					0.12	0.11	0.07	0.30		
C1A	3/10/2019	Mid-Ebb	Fine	Moderate	15:09	28	B	27	1	8.70		24.73		29.42		99.8		7.08			3.1			0.13			0.029			0.13	0.09	0.07	0.29		
C1A	3/10/2019	Mid-Ebb	Fine	Moderate	15:09	28	B	27	2	8.60	8.65	24.65	24.69	29.42	29.42	99.1	99.5	7.10	7.09		3.2	3.1		0.13	0.13		0.029	0.029		0.13	0.09	0.07	0.29	0.29	
C1A	3/10/2019	Mid-Ebb	Fine	Moderate	15:09	28	B	27	3																					0.13	0.09	0.07	0.29		
C2A	3/10/2019	Mid-Ebb	Fine	Moderate	16:30	11	S	1	1	8.28		31.48		29.87		68.8		4.41			3.2			0.44			0.047			0.44	0.07	0.05	0.56		
C2A	3/10/2019	Mid-Ebb	Fine	Moderate	16:30	11	S	1	2	8.27	8.28	31.42	31.45	29.83	29.85	68.3	68.6	4.38	4.40		3.2	3.2		0.45	0.45		0.048	0.048		0.45	0.07	0.05	0.57	0.56	
C2A	3/10/2019	Mid-Ebb	Fine	Moderate	16:30	11	S	1	3																					0.44	0.07	0.05	0.56		
C2A	3/10/2019	Mid-Ebb	Fine	Moderate	16:30	11	M	5.5	1	8.34		31.64		29.63		62.4		4.06		4.23	3.4			0.44			0.052			0.44	0.07	0.05	0.56		
C2A	3/10/2019	Mid-Ebb	Fine	Moderate	16:30	11	M	5.5	2	8.32	8.33	31.69	31.67	29.62	29.63	62.5	62.5	4.07	4.07		3.4	3.4	3.5	0.45	0.45	0.45	0.053	0.053	0.052	0.45	0.07	0.05	0.57	0.57	0.57
C2A	3/10/2019	Mid-Ebb	Fine	Moderate	16:30	11	M	5.5	3																					0.45	0.07	0.05	0.57		
C2A	3/10/2019	Mid-Ebb	Fine	Moderate	16:30	11	B	10	1	8.37		31.83		29.32		58.6		3.81			3.9			0.46			0.055			0.46	0.08	0.05	0.59		
C2A	3/10/2019	Mid-Ebb	Fine	Moderate	16:30	11	B	10	2	8.31	8.34	31.84	31.84	29.31	29.32	58.7	58.7	3.82	3.82		3.9	3.9		0.45	0.46		0.053	0.054		0.45	0.08	0.05	0.58	0.58	
C2A	3/10/2019	Mid-Ebb	Fine	Moderate	16:30	11	B	10	3																					0.45	0.08	0.05	0.58		
G2	3/10/2019	Mid-Ebb	Fine	Moderate	15:32	12	S	1	1	8.18		25.16		28.12		90.3		5.92			1.8			NA			NA			0.15	0.10	0.07	0.32		
G2	3/10/2019	Mid-Ebb	Fine	Moderate	15:32	12	S	1	2	8.09	8.14	25.09	25.13	28.25	28.18	90.4	90.4	5.93	5.93		1.8	1.8		NA	NA		NA	NA		0.15	0.10	0.07	0.32	0.32	
G2	3/10/2019	Mid-Ebb	Fine	Moderate	15:32	12	S	1	3																					0.15	0.10	0.07	0.32		
G2	3/10/2019	Mid-Ebb	Fine	Moderate	15:32	12	M	6	1	8.14		25.42		28.13		83.1		5.48		5.69	2.0			NA			NA			0.16	0.11	0.07	0.34		
G2	3/10/2019	Mid-Ebb	Fine	Moderate	15:32	12	M	6	2	8.17	8.16	25.45	25.44	28.13	28.13	83.2	83.2	5.43	5.46		2.0	2.0	2.2	NA	NA	NA	NA	NA	NA	0.16	0.11	0.07	0.34	0.34	0.34
G2	3/10/2019	Mid-Ebb	Fine	Moderate	15:32	12	M	6	3																					0.16	0.11	0.07	0.34		
G2	3/10/2019	Mid-Ebb	Fine	Moderate	15:32	12	B	11	1	8.15		25.68		28.03		78.5		5.06			2.8			NA			NA			0.17	0.11	0.07	0.35		
G2	3/10/2019	Mid-Ebb	Fine	Moderate	15:32	12	B	11	2	8.16	8.16	25.67	25.68	28.02	28.03	78.6	78.6	5.05	5.06		2.8	2.8		NA	NA		NA	NA		0.17	0.11	0.07	0.35	0.35	
G2	3/10/2019	Mid-Ebb	Fine	Moderate	15:32	12	B	11	3																					0.17	0.11	0.07	0.35		
SR4	3/10/2019	Mid-Ebb	Fine	Moderate	15:49	4	S	1	1	8.18		29.18		29.53		85.2		5.63			2.2			0.19			0.016			NA	NA	NA	NA		
SR4	3/10/2019	Mid-Ebb	Fine	Moderate	15:49	4	S	1	2	8.14	8.16	29.06	29.12	29.57	29.55	85.4	85.3	5.65	5.64		2.2	2.2		0.19	0.19		0.016	0.016		NA	NA	NA	NA	NA	
SR4	3/10/2019	Mid-Ebb	Fine	Moderate	15:49	4	S	1	3																					NA	NA	NA	NA		
SR4	3/10/2019	Mid-Ebb	Fine	Moderate	15:49	4	M		1											5.64										NA	NA	NA	NA		
SR4	3/10/2019	Mid-Ebb	Fine	Moderate	15:49	4	M		2		NA		NA		NA		NA		NA			NA	2.4		NA	0.19		NA	0.017	NA	NA	NA	NA	NA	NA
SR4	3/10/2019	Mid-Ebb	Fine	Moderate	15:49	4	M		3																					NA	NA	NA	NA		
SR4	3/10/2019	Mid-Ebb	Fine	Moderate	15:49	4	B	3	1	8.24		30.76		28.14		71.3		4.84			2.6			0.19			0.017			NA	NA	NA	NA		
SR4	3/10/2019	Mid-Ebb	Fine	Moderate	15:49	4	B	3	2	8.25	8.25	30.75	30.76	28.28	28.21	71.4	71.4	4.85	4.85		2.7	2.6		0.19	0.19		0.017	0.017		NA	NA	NA	NA	NA	
SR4	3/10/2019	Mid-Ebb	Fine	Moderate	15:49	4	B	3	3																					NA	NA	NA	NA		
SR5	3/10/2019	Mid-Ebb	Fine	Moderate	15:14	11	S	1	1	8.53		25.78		28.32		106.7		7.13			0.9			NA			NA			0.12	0.10	0.07	0.29		
SR5	3/10/2019	Mid-Ebb	Fine	Moderate	15:14	11	S	1	2	8.52	8.53	25.83	25.81	28.34	28.33	106.4	106.6	7.10	7.12		0.9	0.9		NA	NA		NA	NA		0.12	0.10	0.07	0.29	0.29	
SR5	3/10/2019	Mid-Ebb	Fine	Moderate	15:14	11	S	1	3																					0.12	0.10	0.07	0.29		
SR5	3/10/2019	Mid-Ebb	Fine	Moderate	15:14	11	M	5.5	1	8.48		26.34		28.22		86.3		5.80		6.46	1.6			NA			NA			0.12	0.10	0.07	0.29		
SR5	3/10/2019	Mid-Ebb	Fine	Moderate	15:14	11	M	5.5	2	8.49	8.49	26.18	26.26	28.13	28.18	86.4	86.4	5.81	5.81		1.5	1.6	1.5	NA	NA	NA	NA	NA	NA	0.12	0.10	0.07	0.29	0.29	0.29
SR5	3/10/2019	Mid-Ebb	Fine	Moderate	15:14	11	M	5.5	3																					0.12	0.10	0.07	0.29		
SR5	3/10/2019	Mid-Ebb	Fine	Moderate	15:14	11	B	10	1	8.50		26.23		27.95		81.4		5.26			1.9			NA			NA			0.13	0.10	0.07	0.30		
SR5	3/10/2019	Mid-Ebb	Fine	Moderate	15:14	11	B	10	2	8.49	8.50	26.47	26.35	27.92	27.93	81.5	81.5	5.27	5.27		1.9	1.9		NA	NA		NA	NA		0.13	0.10	0.07	0.30	0.30	
SR5	3/10/2019	Mid-Ebb	Fine	Moderate	15:14	11	B	10	3																					0.13	0.10	0.07	0.30		
SR12	3/10/2019	Mid-Ebb	Fine	Moderate	16:03	14	S	1	1	8.18		30.58		29.31		72.4		4.86			0.7			0.19			0.016			NA	NA	NA	NA		
SR12	3/10/2019	Mid-Ebb	Fine	Moderate	16:03	14	S	1	2	8.14	8.16	30.61	30.60	29.38	29.35	72.5	72.5	4.89	4.88		0.7	0.7		0.19	0.19		0.016	0.016		NA	NA	NA	NA	NA	
SR12	3/10/2019	Mid-Ebb	Fine	Moderate	16:03	14	S	1	3																					NA	NA	NA	NA		
SR12	3/10/2019	Mid-Ebb	Fine	Moderate	16:03	14	M	7	1	8.19		30.86		29.13		70.6		4.63		4.75	1.4			0.19			0.017			NA	NA	NA	NA		
SR12	3/10/2019	Mid-Ebb	Fine	Moderate	16:03	14	M	7	2	8.21	8.20	30.84	30.85	29.12	29.13	70.2	70.4	4.60	4.62		1.3	1.3	1.2	0.19	0.19	0.19	0.017	0.017	0.017	NA	NA	NA	NA	NA	NA
SR12	3/10/2019	Mid-Ebb	Fine	Moderate	16:03	14	M	7	3																					NA	NA	NA	NA		
SR12	3/10/2019	Mid-Ebb	Fine	Moderate	16:03	14	B	13	1	8.18		31.26		29.04		62.6		4.13			1.7			0.20			0.018			NA	NA	NA	NA		
SR12	3/10/2019	Mid-Ebb	Fine	Moderate	16:03	14	B	13	2	8.23	8.21	31.28	31.27	29.03	29.04	62.8	62.7	4.15	4.14		1.6	1.7		0.20	0.20		0.018	0.018		NA	NA	NA	NA	NA	
SR12	3/10/2019	Mid-Ebb	Fine	Moderate	16:03	14	B	13	3																					NA	NA	NA	NA		
SR13	3/10/2019	Mid-Ebb	Fine	Moderate	16:17	13	S	1	1	8.23		30.86		29.38		72.1		4.80			0.7			NA			NA			NA	NA	NA	NA		
SR13	3/10/2019	Mid-Ebb	Fine	Moderate	16:17	13	S	1	2	8.24	8.24	30.84	30.85	29.32	29.35	72.1	72.1	4.83	4.82		0.7	0.7		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	3/10/2019	Mid-Ebb	Fine	Moderate	16:17	13	S	1	3											4.70										NA	NA	NA	NA		
SR13	3/10/2019	Mid-Ebb	Fine	Moderate	16:17	13	M	6.5	1	8.31		31.53		29.17		63.3		4.60			1.5			NA			NA			NA	NA	NA	NA		
SR13	3/10/2019	Mid-Ebb	Fine	Moderate	16:17	13	M	6.5	2	8.23	8.27	31.47	31.50	29.12	29.15	63.1	63.2	4.58	4.59		1.5	1.5	1.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	3/10/2019	Mid-Ebb	Fine	Moderate	16:17	13	M	6.5	3																					NA	NA	NA	NA		
SR13	3/10/2019	Mid-Ebb	Fine	Moderate	16:17	13	B	12	1	8.24		31.59		29.06		62.3		4.12			1.9			NA			NA			NA	NA	NA	NA		
SR13	3/10/2019	Mid-Ebb	Fine	Moderate	16:17	13	B	12	2	8.22	8.23	31.62	31.61	29.05	29.06	62.5	62.4	4.12	4.12		1.9	1.9		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	3/10/2019	Mid-Ebb	Fine	Moderate	16:17	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 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	3/10/2019	Mid-Ebb	Fine	Moderate	15:09	28	S	1	1	7			0.12			0.031			0.12	0.10	0.07	0.29			230			NA			<1		
C1A	3/10/2019	Mid-Ebb	Fine	Moderate	15:09	28	S	1	2	6	7		0.12	0.12		0.031	0.031		0.12	0.10	0.07	0.29	0.29		270	249		NA	NA		<1	1	
C1A	3/10/2019	Mid-Ebb	Fine	Moderate	15:09	28	S	1	3										0.12	0.11	0.07	0.30											
C1A	3/10/2019	Mid-Ebb	Fine	Moderate	15:09	28	M	14	1	8			0.13			0.029			0.13	0.11	0.07	0.31			280			NA			<1		
C1A	3/10/2019	Mid-Ebb	Fine	Moderate	15:09	28	M	14	2	7	8	8	0.12	0.13	0.12	0.027	0.028	0.029	0.12	0.10	0.07	0.29	0.30	0.30	290	285	252	NA	NA	NA	<1	1	1
C1A	3/10/2019	Mid-Ebb	Fine	Moderate	15:09	28	M	14	3										0.13	0.11	0.07	0.31											
C1A	3/10/2019	Mid-Ebb	Fine	Moderate	15:09	28	B	27	1	8			0.12			0.027			0.12	0.10	0.07	0.29			240			NA			<1		
C1A	3/10/2019	Mid-Ebb	Fine	Moderate	15:09	28	B	27	2	9	9		0.13	0.13		0.029	0.028		0.13	0.09	0.07	0.29	0.29		210	224		NA	NA		<1	1	
C1A	3/10/2019	Mid-Ebb	Fine	Moderate	15:09	28	B	27	3										0.13	0.09	0.07	0.29											
C2A	3/10/2019	Mid-Ebb	Fine	Moderate	16:30	11	S	1	1	3			0.45			0.048			0.45	0.07	0.05	0.57			390			NA			<1		
C2A	3/10/2019	Mid-Ebb	Fine	Moderate	16:30	11	S	1	2	3	3		0.43	0.44		0.046	0.047		0.43	0.07	0.05	0.55	0.56		570	471		NA	NA		<1	1	
C2A	3/10/2019	Mid-Ebb	Fine	Moderate	16:30	11	S	1	3										0.44	0.07	0.05	0.56											
C2A	3/10/2019	Mid-Ebb	Fine	Moderate	16:30	11	M	5.5	1	3			0.43			0.051			0.43	0.07	0.05	0.55			750			NA			<1		
C2A	3/10/2019	Mid-Ebb	Fine	Moderate	16:30	11	M	5.5	2	3	3	3	0.45	0.44	0.44	0.053	0.052	0.051	0.45	0.07	0.05	0.57	0.56	0.56	590	665	588	NA	NA	NA	<1	1	1
C2A	3/10/2019	Mid-Ebb	Fine	Moderate	16:30	11	M	5.5	3										0.43	0.07	0.05	0.55											
C2A	3/10/2019	Mid-Ebb	Fine	Moderate	16:30	11	B	10	1	3			0.44			0.052			0.44	0.07	0.05	0.56			610			NA			<1		
C2A	3/10/2019	Mid-Ebb	Fine	Moderate	16:30	11	B	10	2	3	3		0.45	0.45		0.053	0.053		0.45	0.07	0.05	0.57	0.56		690	649		NA	NA		<1	1	
C2A	3/10/2019	Mid-Ebb	Fine	Moderate	16:30	11	B	10	3										0.44	0.07	0.05	0.56											
G2	3/10/2019	Mid-Ebb	Fine	Moderate	15:32	12	S	1	1	4			NA			NA			0.16	0.10	0.07	0.33			NA			NA			NA		
G2	3/10/2019	Mid-Ebb	Fine	Moderate	15:32	12	S	1	2	4	4		NA	NA		NA	NA		0.15	0.10	0.07	0.32	0.32		NA	NA		NA	NA		NA	NA	
G2	3/10/2019	Mid-Ebb	Fine	Moderate	15:32	12	S	1	3										0.15	0.10	0.07	0.32											
G2	3/10/2019	Mid-Ebb	Fine	Moderate	15:32	12	M	6	1	6			NA			NA			0.17	0.11	0.07	0.35			NA			NA			NA		
G2	3/10/2019	Mid-Ebb	Fine	Moderate	15:32	12	M	6	2	5	6	5	NA	NA	NA	NA	NA	NA	0.16	0.11	0.07	0.34	0.34	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	3/10/2019	Mid-Ebb	Fine	Moderate	15:32	12	M	6	3										0.16	0.10	0.07	0.33											
G2	3/10/2019	Mid-Ebb	Fine	Moderate	15:32	12	B	11	1	7			NA			NA			0.17	0.10	0.07	0.34			NA			NA			NA		
G2	3/10/2019	Mid-Ebb	Fine	Moderate	15:32	12	B	11	2	6	7		NA	NA		NA	NA		0.16	0.10	0.07	0.33	0.33		NA	NA		NA	NA		NA	NA	
G2	3/10/2019	Mid-Ebb	Fine	Moderate	15:32	12	B	11	3										0.15	0.11	0.07	0.33											
SR4	3/10/2019	Mid-Ebb	Fine	Moderate	15:49	4	S	1	1	5			0.18			0.015			NA	NA	NA	NA			270			NA			1		
SR4	3/10/2019	Mid-Ebb	Fine	Moderate	15:49	4	S	1	2	6	6		0.18	0.18		0.015	0.015		NA	NA	NA	NA	NA		370	316		NA	NA		<1	1	
SR4	3/10/2019	Mid-Ebb	Fine	Moderate	15:49	4	S	1	3										NA	NA	NA	NA											
SR4	3/10/2019	Mid-Ebb	Fine	Moderate	15:49	4	M		1										NA	NA	NA	NA						NA					
SR4	3/10/2019	Mid-Ebb	Fine	Moderate	15:49	4	M		2		NA	6		NA	0.18		NA	0.016	NA	NA	NA	NA	NA	NA		NA	347	NA	NA	NA		NA	1
SR4	3/10/2019	Mid-Ebb	Fine	Moderate	15:49	4	M		3										NA	NA	NA	NA											
SR4	3/10/2019	Mid-Ebb	Fine	Moderate	15:49	4	B	3	1	6			0.19			0.017			NA	NA	NA	NA			370			NA			<1		
SR4	3/10/2019	Mid-Ebb	Fine	Moderate	15:49	4	B	3	2	5	6		0.18	0.19		0.016	0.017		NA	NA	NA	NA	NA		390	380		NA	NA		<1	1	
SR4	3/10/2019	Mid-Ebb	Fine	Moderate	15:49	4	B	3	3										NA	NA	NA	NA											
SR5	3/10/2019	Mid-Ebb	Fine	Moderate	15:14	11	S	1	1	6			NA			NA			0.12	0.10	0.07	0.29			NA			NA			NA		
SR5	3/10/2019	Mid-Ebb	Fine	Moderate	15:14	11	S	1	2	6	6		NA	NA		NA	NA		0.12	0.10	0.07	0.29	0.29		NA	NA		NA	NA		NA	NA	
SR5	3/10/2019	Mid-Ebb	Fine	Moderate	15:14	11	S	1	3										0.13	0.10	0.07	0.30											
SR5	3/10/2019	Mid-Ebb	Fine	Moderate	15:14	11	M	5.5	1	6			NA			NA			0.12	0.10	0.07	0.29			NA			NA			NA		
SR5	3/10/2019	Mid-Ebb	Fine	Moderate	15:14	11	M	5.5	2	6	6	7	NA	NA	NA	NA	NA	NA	0.12	0.10	0.07	0.29	0.29	0.29	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	3/10/2019	Mid-Ebb	Fine	Moderate	15:14	11	M	5.5	3										0.11	0.10	0.07	0.28											
SR5	3/10/2019	Mid-Ebb	Fine	Moderate	15:14	11	B	10	1	8			NA			NA			0.13	0.10	0.07	0.30			NA			NA			NA		
SR5	3/10/2019	Mid-Ebb	Fine	Moderate	15:14	11	B	10	2	9	9		NA	NA		NA	NA		0.12	0.10	0.07	0.29	0.29		NA	NA		NA	NA		NA	NA	
SR5	3/10/2019	Mid-Ebb	Fine	Moderate	15:14	11	B	10	3										0.12	0.10	0.07	0.29											
SR12	3/10/2019	Mid-Ebb	Fine	Moderate	16:03	14	S	1	1	6			0.19			0.016			NA	NA	NA	NA			31			NA			<1		
SR12	3/10/2019	Mid-Ebb	Fine	Moderate	16:03	14	S	1	2	6	6		0.19	0.19		0.016	0.016		NA	NA	NA	NA	NA		29	30		NA	NA		<1	1	
SR12	3/10/2019	Mid-Ebb	Fine	Moderate	16:03	14	S	1	3										NA	NA	NA	NA											
SR12	3/10/2019	Mid-Ebb	Fine	Moderate	16:03	14	M	7	1	9			0.18			0.016			NA	NA	NA	NA			40			NA			<1		
SR12	3/10/2019	Mid-Ebb	Fine	Moderate	16:03	14	M	7	2	9	9	8	0.18	0.18	0.19	0.016	0.016	0.016	NA	NA	NA	NA	NA	NA	37	38	29	NA	NA	NA	<1	1	1
SR12	3/10/2019	Mid-Ebb	Fine	Moderate	16:03	14	M	7	3										NA	NA	NA	NA											
SR12	3/10/2019	Mid-Ebb	Fine	Moderate	16:03	14	B	13	1	7			0.18			0.016			NA	NA	NA	NA			24			NA			<1		
SR12	3/10/2019	Mid-Ebb	Fine	Moderate	16:03	14	B	13	2	8	8		0.19	0.19		0.017	0.016		NA	NA	NA	NA	NA		19	21		NA	NA		<1	1	
SR12	3/10/2019	Mid-Ebb	Fine	Moderate	16:03	14	B	13	3										NA	NA	NA	NA											
SR13	3/10/2019	Mid-Ebb	Fine	Moderate	16:17	13	S	1	1	4			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	3/10/2019	Mid-Ebb	Fine	Moderate	16:17	13	S	1	2	4	4		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	3/10/2019	Mid-Ebb	Fine	Moderate	16:17	13	S	1	3										NA	NA	NA	NA											
SR13	3/10/2019	Mid-Ebb	Fine	Moderate	16:17	13	M	6.5	1	5			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	3/10/2019	Mid-Ebb	Fine	Moderate	16:17	13	M	6.5	2	6	6	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	3/10/2019	Mid-Ebb	Fine	Moderate	16:17	13	M	6.5	3										NA	NA	NA	NA											
SR13	3/10/2019	Mid-Ebb	Fine	Moderate	16:17	13	B	12	1	6			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	3/10/2019	Mid-Ebb	Fine	Moderate	16:17	13	B	12	2	5	6		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	3/10/2019	Mid-Ebb	Fine	Moderate	16:17	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 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	Value	Ave.	Depth	Value	Ave.	Depth					Ave.	Depth
C1A	5/10/2019	Mid-Flood	Fine	Moderate	8:55	28	S	1	1	7.99	7.99	29.86	29.85	29.68	29.68	81.6	81.7	5.28	5.29	5.14	2.5	2.5	3.1	0.25	0.25	0.27	0.015	0.014	0.016	0.25	0.15	0.10	0.50	0.49	0.53
C1A	5/10/2019	Mid-Flood	Fine	Moderate	8:55	28	S	1	2	7.99		29.83		29.67		81.8		5.29			2.4			0.24			0.014			0.24	0.15	0.10	0.49		
C1A	5/10/2019	Mid-Flood	Fine	Moderate	8:55	28	S	1	3																					0.24	0.15	0.10	0.49		
C1A	5/10/2019	Mid-Flood	Fine	Moderate	8:55	28	M	14	1	8.02	8.02	30.26	30.28	29.20	29.20	77.3	77.1	5.00	4.99		3.1	3.1		0.28	0.29		0.017	0.017		0.28	0.16	0.10	0.54	0.54	
C1A	5/10/2019	Mid-Flood	Fine	Moderate	8:55	28	M	14	2	8.01		30.30		29.20		76.9		4.97			3.0			0.29			0.017			0.29	0.16	0.10	0.55		
C1A	5/10/2019	Mid-Flood	Fine	Moderate	8:55	28	M	14	3																					0.26	0.16	0.10	0.52		
C1A	5/10/2019	Mid-Flood	Fine	Moderate	8:55	28	B	27	1	8.04	8.04	30.77	30.79	28.86	28.86	71.2	71.4	4.60	4.61		3.9	3.9		0.27	0.28		0.016	0.017		0.27	0.17	0.11	0.55	0.55	
C1A	5/10/2019	Mid-Flood	Fine	Moderate	8:55	28	B	27	2	8.03		30.81		28.85		71.5		4.62			3.8			0.28			0.017			0.28	0.17	0.11	0.56		
C1A	5/10/2019	Mid-Flood	Fine	Moderate	8:55	28	B	27	3																					0.26	0.17	0.11	0.54		
C2A	5/10/2019	Mid-Flood	Fine	Moderate	11:12	13	S	1	1	7.99	7.99	28.60	28.61	29.86	29.86	80.3	80.4	5.20	5.21	5.08	2.3	2.4	2.9	0.23	0.24	0.23	0.014	0.014	0.014	0.23	0.17	0.10	0.50	0.50	0.50
C2A	5/10/2019	Mid-Flood	Fine	Moderate	11:12	13	S	1	2	7.98		28.62		29.85		80.5		5.22			2.4			0.25			0.015			0.25	0.17	0.10	0.52		
C2A	5/10/2019	Mid-Flood	Fine	Moderate	11:12	13	S	1	3																					0.21	0.17	0.10	0.48		
C2A	5/10/2019	Mid-Flood	Fine	Moderate	11:12	13	M	6.5	1	8.00	8.01	28.89	28.90	29.60	29.60	76.7	76.6	4.96	4.95		2.9	3.0		0.22	0.22		0.013	0.013		0.22	0.17	0.10	0.49	0.49	
C2A	5/10/2019	Mid-Flood	Fine	Moderate	11:12	13	M	6.5	2	8.01		28.91		29.60		76.5		4.94			3.0			0.21			0.013			0.21	0.17	0.10	0.48		
C2A	5/10/2019	Mid-Flood	Fine	Moderate	11:12	13	M	6.5	3																					0.22	0.17	0.10	0.49		
C2A	5/10/2019	Mid-Flood	Fine	Moderate	11:12	13	B	12	1	8.02	8.02	29.24	29.26	29.42	29.42	72.1	72.2	4.66	4.67		3.3	3.4		0.23	0.23		0.014	0.014		0.23	0.16	0.11	0.50	0.50	
C2A	5/10/2019	Mid-Flood	Fine	Moderate	11:12	13	B	12	2	8.02		29.28		29.41		72.3		4.67			3.4			0.23			0.014			0.23	0.16	0.11	0.50		
C2A	5/10/2019	Mid-Flood	Fine	Moderate	11:12	13	B	12	3																					0.24	0.16	0.11	0.51		
G2	5/10/2019	Mid-Flood	Fine	Moderate	9:38	12	S	1	1	8.02	8.02	28.46	28.45	29.60	29.60	86.4	86.4	5.62	5.62	5.41	2.4	2.4	2.9	NA	NA	NA	NA	NA	NA	0.19	0.16	0.09	0.44	0.44	0.45
G2	5/10/2019	Mid-Flood	Fine	Moderate	9:38	12	S	1	2	8.01		28.43		29.59		86.3		5.61			2.3			NA			NA			0.19	0.16	0.09	0.44		
G2	5/10/2019	Mid-Flood	Fine	Moderate	9:38	12	S	1	3																					0.19	0.16	0.09	0.44		
G2	5/10/2019	Mid-Flood	Fine	Moderate	9:38	12	M	6	1	8.03	8.03	28.69	28.71	29.38	29.39	80.0	80.1	5.20	5.21		2.7	2.8		NA	NA		NA	NA		0.20	0.16	0.09	0.45	0.46	
G2	5/10/2019	Mid-Flood	Fine	Moderate	9:38	12	M	6	2	8.02		28.72		29.39		80.1		5.21			2.9			NA			NA			0.21	0.16	0.09	0.46		
G2	5/10/2019	Mid-Flood	Fine	Moderate	9:38	12	M	6	3																					0.21	0.16	0.09	0.46		
G2	5/10/2019	Mid-Flood	Fine	Moderate	9:38	12	B	11	1	8.03	8.04	28.98	28.99	29.16	29.16	77.2	77.1	5.02	5.02		3.6	3.6		NA	NA		NA	NA		0.19	0.17	0.10	0.46	0.46	
G2	5/10/2019	Mid-Flood	Fine	Moderate	9:38	12	B	11	2	8.04		28.99		29.16		77.0		5.01			3.5			NA			NA			0.20	0.16	0.10	0.46		
G2	5/10/2019	Mid-Flood	Fine	Moderate	9:38	12	B	11	3																					0.19	0.17	0.10	0.46		
SR4	5/10/2019	Mid-Flood	Fine	Moderate	10:00	4	S	1	1	8.00	8.00	29.46	29.45	29.69	29.69	81.8	81.7	5.31	5.30	5.30	2.5	2.5	2.4	0.24	0.24	0.24	0.014	0.014	0.014	NA	NA	NA	NA	NA	NA
SR4	5/10/2019	Mid-Flood	Fine	Moderate	10:00	4	S	1	2	7.99		29.43		29.68		81.6		5.29			2.5			0.24			0.014			NA	NA	NA	NA		
SR4	5/10/2019	Mid-Flood	Fine	Moderate	10:00	4	S	1	3																					NA	NA	NA	NA		
SR4	5/10/2019	Mid-Flood	Fine	Moderate	10:00	4	M		1																					NA	NA	NA	NA		
SR4	5/10/2019	Mid-Flood	Fine	Moderate	10:00	4	M		2		NA		NA		NA		NA		NA			NA			NA			NA		NA	NA	NA	NA	NA	
SR4	5/10/2019	Mid-Flood	Fine	Moderate	10:00	4	M		3																					NA	NA	NA	NA		
SR4	5/10/2019	Mid-Flood	Fine	Moderate	10:00	4	B	3	1	8.00	8.01	29.55	29.54	29.60	29.61	80.4	80.4	5.22	5.22		2.4	2.4		0.23	0.23		0.014	0.014		NA	NA	NA	NA	NA	
SR4	5/10/2019	Mid-Flood	Fine	Moderate	10:00	4	B	3	2	8.01		29.52		29.61		80.3		5.21			2.3			0.23			0.014			NA	NA	NA	NA		
SR4	5/10/2019	Mid-Flood	Fine	Moderate	10:00	4	B	3	3																					NA	NA	NA	NA		
SR5	5/10/2019	Mid-Flood	Fine	Moderate	9:19	11	S	1	1	8.00	8.00	28.30	28.29	29.73	29.73	85.3	85.2	5.51	5.50	5.41	2.0	1.9	2.6	NA	NA	NA	NA	NA	NA	0.18	0.16	0.09	0.43	0.43	0.45
SR5	5/10/2019	Mid-Flood	Fine	Moderate	9:19	11	S	1	2	8.00		28.28		29.72		85.1		5.49			2.0			NA			NA			0.18	0.16	0.09	0.43		
SR5	5/10/2019	Mid-Flood	Fine	Moderate	9:19	11	S	1	3																					0.19	0.16	0.09	0.44		
SR5	5/10/2019	Mid-Flood	Fine	Moderate	9:19	11	M	5.5	1	8.02	8.02	28.59	28.60	29.47	29.48	82.2	82.4	5.31	5.32		2.4	2.5		NA	NA		NA	NA		0.20	0.17	0.09	0.46	0.46	
SR5	5/10/2019	Mid-Flood	Fine	Moderate	9:19	11	M	5.5	2	8.01		28.61		29.48		82.5		5.33			2.5			NA			NA			0.21	0.17	0.09	0.47		
SR5	5/10/2019	Mid-Flood	Fine	Moderate	9:19	11	M	5.5	3																					0.20	0.17	0.09	0.46		
SR5	5/10/2019	Mid-Flood	Fine	Moderate	9:19	11	B	10	1	8.02	8.02	28.90	28.91	29.30	29.30	79.2	79.1	5.11	5.10		3.3	3.2		NA	NA		NA	NA		0.18	0.16	0.10	0.44	0.44	
SR5	5/10/2019	Mid-Flood	Fine	Moderate	9:19	11	B	10	2	8.02		28.92		29.29		78.9		5.08			3.2			NA			NA			0.19	0.16	0.11	0.46		
SR5	5/10/2019	Mid-Flood	Fine	Moderate	9:19	11	B	10	3																					0.17	0.16	0.10	0.43		
SR12	5/10/2019	Mid-Flood	Fine	Moderate	10:23	15	S	1	1	8.02	8.02	28.93	28.92	29.76	29.76	78.8	78.7	5.13	5.12	4.93	2.4	2.3	3.0	0.23	0.22	0.19	0.014	0.014	0.012	NA	NA	NA	NA	NA	NA
SR12	5/10/2019	Mid-Flood	Fine	Moderate	10:23	15	S	1	2	8.01		28.91		29.75		78.6		5.11			2.3			0.22			0.014			NA	NA	NA	NA		
SR12	5/10/2019	Mid-Flood	Fine	Moderate	10:23	15	S	1	3																					NA	NA	NA	NA		
SR12	5/10/2019	Mid-Flood	Fine	Moderate	10:23	15	M	7.5	1	8.02	8.03	29.26	29.25	29.60	29.59	72.7	72.8	4.73	4.74		3.1	3.2		0.18	0.18		0.011	0.011		NA	NA	NA	NA	NA	NA
SR12	5/10/2019	Mid-Flood	Fine	Moderate	10:23	15	M	7.5	2	8.03		29.24		29.59		72.9		4.75			3.2			0.17			0.011			NA	NA	NA	NA		
SR12	5/10/2019	Mid-Flood	Fine	Moderate	10:23	15	M	7.5	3																					NA	NA	NA	NA		
SR12	5/10/2019	Mid-Flood	Fine	Moderate	10:23	15	B	14	1	8.03	8.04	29.58	29.60	29.41	29.41	68.0	67.9	4.42	4.41		3.6	3.6		0.18	0.18		0.011	0.011		NA	NA	NA	NA	NA	
SR12	5/10/2019	Mid-Flood	Fine	Moderate	10:23	15	B	14	2	8.04		29.61		29.41		67.7		4.40			3.5			0.18			0.011			NA	NA	NA	NA		
SR12	5/10/2019	Mid-Flood	Fine	Moderate	10:23	15	B	14	3																					NA	NA	NA	NA		
SR13	5/10/2019	Mid-Flood	Fine	Moderate	10:49	14	S	1	1	8.00	8.00	28.49	28.48	29.93	29.93	74.3	74.2	4.81	4.80	4.70	1.8	1.7	2.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	5/10/2019	Mid-Flood	Fine	Moderate	10:49	14	S	1	2	7.99		28.46		29.92		74.1		4.79			1.6			NA			NA			NA	NA	NA	NA		
SR13	5/10/2019	Mid-Flood	Fine	Moderate	10:49	14	S	1	3																					NA	NA	NA	NA		
SR13	5/10/2019	Mid-Flood	Fine	Moderate	10:49	14	M	7	1	8.01	8.02	28.72	28.73	29.73	29.73	71.2	71.1	4.61	4.61		2.8	3.0		NA	NA		NA	NA		NA	NA	NA	NA	NA	NA
SR13	5/10/2019	Mid-Flood	Fine	Moderate	10:49	14	M	7	2	8.02		28.73		29.73		71.0		4.60			3.0			NA			NA			NA	NA	NA	NA		
SR13	5/10/2019	Mid-Flood	Fine	Moderate	10:49	14	M	7	3																					NA	NA	NA	NA		
SR13	5/10/2019	Mid-Flood	Fine	Moderate	10:49	14	B	13	1	8.04	8.04	28.99	29.01	29.55	29.55	67.2	67.3	4.35	4.36		3.3	3.4		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	5/10/2019	Mid-Flood	Fine	Moderate	10:49	14	B	13	2	8.03		29.02		29.54		67.3		4.36			3.4			NA			NA			NA	NA	NA	NA		
SR13	5/10/2019	Mid-Flood	Fine	Moderate	10:49	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 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	5/10/2019	Mid-Flood	Fine	Moderate	8:55	28	S	1	1	6			0.25			0.015			0.25	0.13	0.10	0.48			240			NA			<1		
C1A	5/10/2019	Mid-Flood	Fine	Moderate	8:55	28	S	1	2	6	6		0.27	0.26		0.016	0.015		0.27	0.15	0.10	0.52	0.50		300	268		NA	NA		<1	1	
C1A	5/10/2019	Mid-Flood	Fine	Moderate	8:55	28	S	1	3										0.24	0.15	0.10	0.49											
C1A	5/10/2019	Mid-Flood	Fine	Moderate	8:55	28	M	14	1	4			0.31			0.019			0.31	0.16	0.09	0.56			270			NA			<1		
C1A	5/10/2019	Mid-Flood	Fine	Moderate	8:55	28	M	14	2	4	4	5	0.23	0.27	0.26	0.014	0.016	0.015	0.23	0.16	0.09	0.48	0.51	0.50	220	244	263	NA	NA	NA	<1	1	1
C1A	5/10/2019	Mid-Flood	Fine	Moderate	8:55	28	M	14	3										0.23	0.16	0.10	0.49											
C1A	5/10/2019	Mid-Flood	Fine	Moderate	8:55	28	B	27	1	4			0.27			0.016			0.27	0.16	0.10	0.53			260			NA			<1		
C1A	5/10/2019	Mid-Flood	Fine	Moderate	8:55	28	B	27	2	4	4		0.21	0.24		0.013	0.015		0.21	0.17	0.10	0.48	0.50		300	279		NA	NA		<1	1	
C1A	5/10/2019	Mid-Flood	Fine	Moderate	8:55	28	B	27	3										0.22	0.16	0.10	0.48											
C2A	5/10/2019	Mid-Flood	Fine	Moderate	11:12	13	S	1	1	5			0.27			0.016			0.27	0.17	0.10	0.54			260			NA			<1		
C2A	5/10/2019	Mid-Flood	Fine	Moderate	11:12	13	S	1	2	5	5		0.18	0.23		0.011	0.013		0.18	0.17	0.10	0.45	0.49		160	204		NA	NA		<1	1	
C2A	5/10/2019	Mid-Flood	Fine	Moderate	11:12	13	S	1	3										0.22	0.16	0.10	0.48											
C2A	5/10/2019	Mid-Flood	Fine	Moderate	11:12	13	M	6.5	1	5			0.19			0.012			0.19	0.16	0.10	0.45			370			NA			<1		
C2A	5/10/2019	Mid-Flood	Fine	Moderate	11:12	13	M	6.5	2	5	5	6	0.23	0.21	0.22	0.014	0.013	0.013	0.23	0.17	0.10	0.50	0.49	0.49	300	333	247	NA	NA	NA	<1	1	1
C2A	5/10/2019	Mid-Flood	Fine	Moderate	11:12	13	M	6.5	3										0.24	0.17	0.10	0.51											
C2A	5/10/2019	Mid-Flood	Fine	Moderate	11:12	13	B	12	1	7			0.23			0.014			0.23	0.16	0.10	0.49			140			NA			<1		
C2A	5/10/2019	Mid-Flood	Fine	Moderate	11:12	13	B	12	2	7	7		0.20	0.22		0.012	0.013		0.20	0.16	0.10	0.46	0.48		350	221		NA	NA		<1	1	
C2A	5/10/2019	Mid-Flood	Fine	Moderate	11:12	13	B	12	3										0.24	0.16	0.10	0.50											
G2	5/10/2019	Mid-Flood	Fine	Moderate	9:38	12	S	1	1	4			NA			NA			0.19	0.15	0.09	0.43			NA			NA			NA		
G2	5/10/2019	Mid-Flood	Fine	Moderate	9:38	12	S	1	2	4	4		NA	NA		NA	NA		0.19	0.16	0.09	0.44	0.43		NA	NA		NA	NA		NA	NA	
G2	5/10/2019	Mid-Flood	Fine	Moderate	9:38	12	S	1	3										0.18	0.16	0.09	0.43											
G2	5/10/2019	Mid-Flood	Fine	Moderate	9:38	12	M	6	1	3			NA			NA			0.18	0.16	0.09	0.43			NA			NA			NA		
G2	5/10/2019	Mid-Flood	Fine	Moderate	9:38	12	M	6	2	3	3	4	NA	NA	NA	NA	NA	NA	0.18	0.16	0.09	0.43	0.44	0.43	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	5/10/2019	Mid-Flood	Fine	Moderate	9:38	12	M	6	3										0.21	0.16	0.09	0.46											
G2	5/10/2019	Mid-Flood	Fine	Moderate	9:38	12	B	11	1	6			NA			NA			0.18	0.16	0.09	0.43			NA			NA			NA		
G2	5/10/2019	Mid-Flood	Fine	Moderate	9:38	12	B	11	2	6	6		NA	NA		NA	NA		0.18	0.15	0.09	0.42	0.43		NA	NA		NA	NA		NA	NA	
G2	5/10/2019	Mid-Flood	Fine	Moderate	9:38	12	B	11	3										0.18	0.16	0.09	0.43											
SR4	5/10/2019	Mid-Flood	Fine	Moderate	10:00	4	S	1	1	5			0.21			0.013			NA	NA	NA	NA			240			NA			<1		
SR4	5/10/2019	Mid-Flood	Fine	Moderate	10:00	4	S	1	2	5	5		0.25	0.23		0.015	0.014		NA	NA	NA	NA	NA		280	259		NA	NA		<1	1	
SR4	5/10/2019	Mid-Flood	Fine	Moderate	10:00	4	S	1	3										NA	NA	NA	NA											
SR4	5/10/2019	Mid-Flood	Fine	Moderate	10:00	4	M		1										NA	NA	NA	NA						NA			NA		
SR4	5/10/2019	Mid-Flood	Fine	Moderate	10:00	4	M		2		NA	6		NA	0.23		NA	0.014	NA	NA	NA	NA	NA	NA		NA	248	NA	NA	NA		NA	1
SR4	5/10/2019	Mid-Flood	Fine	Moderate	10:00	4	M		3										NA	NA	NA	NA											
SR4	5/10/2019	Mid-Flood	Fine	Moderate	10:00	4	B	3	1	6			0.22			0.013			NA	NA	NA	NA			270			NA			<1		
SR4	5/10/2019	Mid-Flood	Fine	Moderate	10:00	4	B	3	2	7	7		0.22	0.22		0.013	0.013		NA	NA	NA	NA	NA		210	238		NA	NA		<1	1	
SR4	5/10/2019	Mid-Flood	Fine	Moderate	10:00	4	B	3	3										NA	NA	NA	NA											
SR5	5/10/2019	Mid-Flood	Fine	Moderate	9:19	11	S	1	1	4			NA			NA			0.18	0.16	0.09	0.43			NA			NA			NA		
SR5	5/10/2019	Mid-Flood	Fine	Moderate	9:19	11	S	1	2	3	4		NA	NA		NA	NA		0.17	0.16	0.09	0.42	0.42		NA	NA		NA	NA		NA	NA	
SR5	5/10/2019	Mid-Flood	Fine	Moderate	9:19	11	S	1	3										0.17	0.16	0.09	0.42											
SR5	5/10/2019	Mid-Flood	Fine	Moderate	9:19	11	M	5.5	1	3			NA			NA			0.20	0.16	0.09	0.45			NA			NA			NA		
SR5	5/10/2019	Mid-Flood	Fine	Moderate	9:19	11	M	5.5	2	3	3	3	NA	NA	NA	NA	NA	NA	0.19	0.16	0.09	0.44	0.44	0.43	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	5/10/2019	Mid-Flood	Fine	Moderate	9:19	11	M	5.5	3										0.17	0.16	0.09	0.42											
SR5	5/10/2019	Mid-Flood	Fine	Moderate	9:19	11	B	10	1	3			NA			NA			0.18	0.16	0.09	0.43			NA			NA			NA		
SR5	5/10/2019	Mid-Flood	Fine	Moderate	9:19	11	B	10	2	3	3		NA	NA		NA	NA		0.20	0.16	0.09	0.45	0.43		NA	NA		NA	NA		NA	NA	
SR5	5/10/2019	Mid-Flood	Fine	Moderate	9:19	11	B	10	3										0.17	0.16	0.09	0.42											
SR12	5/10/2019	Mid-Flood	Fine	Moderate	10:23	15	S	1	1	5			0.23			0.014			NA	NA	NA	NA			330			NA			<1		
SR12	5/10/2019	Mid-Flood	Fine	Moderate	10:23	15	S	1	2	5	5		0.16	0.20		0.010	0.012		NA	NA	NA	NA	NA		270	298		NA	NA		<1	1	
SR12	5/10/2019	Mid-Flood	Fine	Moderate	10:23	15	S	1	3										NA	NA	NA	NA											
SR12	5/10/2019	Mid-Flood	Fine	Moderate	10:23	15	M	7.5	1	5			0.17			0.011			NA	NA	NA	NA			230			NA			<1		
SR12	5/10/2019	Mid-Flood	Fine	Moderate	10:23	15	M	7.5	2	4	5	5	0.16	0.17	0.18	0.010	0.010	0.011	NA	NA	NA	NA	NA	NA	320	271	283	NA	NA	NA	<1	1	1
SR12	5/10/2019	Mid-Flood	Fine	Moderate	10:23	15	M	7.5	3										NA	NA	NA	NA											
SR12	5/10/2019	Mid-Flood	Fine	Moderate	10:23	15	B	14	1	6			0.17			0.011			NA	NA	NA	NA			300			NA			<1		
SR12	5/10/2019	Mid-Flood	Fine	Moderate	10:23	15	B	14	2	6	6		0.18	0.18		0.011	0.011		NA	NA	NA	NA	NA		260	279		NA	NA		<1	1	
SR12	5/10/2019	Mid-Flood	Fine	Moderate	10:23	15	B	14	3										NA	NA	NA	NA											
SR13	5/10/2019	Mid-Flood	Fine	Moderate	10:49	14	S	1	1	6			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	5/10/2019	Mid-Flood	Fine	Moderate	10:49	14	S	1	2	6	6		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	5/10/2019	Mid-Flood	Fine	Moderate	10:49	14	S	1	3										NA	NA	NA	NA											
SR13	5/10/2019	Mid-Flood	Fine	Moderate	10:49	14	M	7	1	7			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	5/10/2019	Mid-Flood	Fine	Moderate	10:49	14	M	7	2	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	5/10/2019	Mid-Flood	Fine	Moderate	10:49	14	M	7	3										NA	NA	NA	NA											
SR13	5/10/2019	Mid-Flood	Fine	Moderate	10:49	14	B	13	1	4			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	5/10/2019	Mid-Flood	Fine	Moderate	10:49	14	B	13	2	4	4		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	5/10/2019	Mid-Flood	Fine	Moderate	10:49	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 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-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth	Value	Ave.	Depth	Value	Ave.	Depth						
C1A	5/10/2019	Mid-Ebb	Fine	Moderate	8:13	28	S	1	1	7.98	7.99	29.72	29.73	29.60	29.60	80.3	80.5	5.21	5.22	5.08	2.6	2.6	3.3	0.24	0.24	0.25	0.014	0.014	0.015	0.24	0.15	0.09	0.48	0.48	0.50
C1A	5/10/2019	Mid-Ebb	Fine	Moderate	8:13	28	S	1	2	7.99		29.74		29.59		80.6		5.23			2.5			0.23			0.013			0.23	0.15	0.09	0.47		
C1A	5/10/2019	Mid-Ebb	Fine	Moderate	8:13	28	S	1	3																					0.24	0.16	0.09	0.49		
C1A	5/10/2019	Mid-Ebb	Fine	Moderate	8:13	28	M	14	1	8.00	8.01	30.16	30.18	29.31	29.31	76.3	76.2	4.95	4.94		3.3	3.4		0.25	0.25		0.015	0.015		0.25	0.15	0.10	0.50	0.50	
C1A	5/10/2019	Mid-Ebb	Fine	Moderate	8:13	28	M	14	2	8.01		30.19		29.30		76.1		4.93			3.4			0.25			0.015			0.25	0.15	0.10	0.50		
C1A	5/10/2019	Mid-Ebb	Fine	Moderate	8:13	28	M	14	3																					0.26	0.15	0.10	0.51		
C1A	5/10/2019	Mid-Ebb	Fine	Moderate	8:13	28	B	27	1	8.03	8.03	30.50	30.49	29.02	29.02	71.3	71.5	4.63	4.64		4.1	4.1		0.26	0.27		0.016	0.016		0.26	0.16	0.10	0.52	0.52	
C1A	5/10/2019	Mid-Ebb	Fine	Moderate	8:13	28	B	27	2	8.03		30.47		29.01		71.6		4.65			4.0			0.27			0.017			0.27	0.16	0.10	0.53		
C1A	5/10/2019	Mid-Ebb	Fine	Moderate	8:13	28	B	27	3																					0.26	0.16	0.10	0.52		
C2A	5/10/2019	Mid-Ebb	Fine	Moderate	6:00	13	S	1	1	7.98	7.98	28.35	28.33	29.63	29.64	78.1	78.3	5.08	5.09	4.95	2.2	2.3	2.8	0.21	0.22	0.26	0.012	0.012	0.015	0.21	0.15	0.10	0.46	0.46	0.51
C2A	5/10/2019	Mid-Ebb	Fine	Moderate	6:00	13	S	1	2	7.98		28.31		29.64		78.4		5.10			2.3			0.22			0.013			0.22	0.15	0.10	0.47		
C2A	5/10/2019	Mid-Ebb	Fine	Moderate	6:00	13	S	1	3																					0.21	0.15	0.10	0.46		
C2A	5/10/2019	Mid-Ebb	Fine	Moderate	6:00	13	M	6.5	1	8.00	8.00	28.72	28.74	29.50	29.51	74.0	73.9	4.81	4.81		2.7	2.8		0.26	0.27		0.015	0.016		0.26	0.15	0.10	0.51	0.52	
C2A	5/10/2019	Mid-Ebb	Fine	Moderate	6:00	13	M	6.5	2	7.99		28.75		29.51		73.8		4.80			2.9			0.28			0.017			0.28	0.15	0.10	0.53		
C2A	5/10/2019	Mid-Ebb	Fine	Moderate	6:00	13	M	6.5	3																					0.27	0.15	0.10	0.52		
C2A	5/10/2019	Mid-Ebb	Fine	Moderate	6:00	13	B	12	1	8.01	8.01	29.23	29.22	29.42	29.42	70.1	70.0	4.55	4.54		3.4	3.5		0.29	0.30		0.017	0.018		0.29	0.17	0.10	0.56	0.56	
C2A	5/10/2019	Mid-Ebb	Fine	Moderate	6:00	13	B	12	2	8.00		29.20		29.42		69.9		4.53			3.5			0.30			0.018			0.30	0.16	0.10	0.56		
C2A	5/10/2019	Mid-Ebb	Fine	Moderate	6:00	13	B	12	3																					0.29	0.17	0.10	0.56		
G2	5/10/2019	Mid-Ebb	Fine	Moderate	7:33	12	S	1	1	8.00	8.00	28.33	28.32	29.60	29.48	84.7	84.6	5.49	5.49	5.45	2.3	2.3	2.8	NA	NA	NA	NA	NA	NA	0.18	0.14	0.09	0.41	0.41	0.41
G2	5/10/2019	Mid-Ebb	Fine	Moderate	7:33	12	S	1	2	8.00		28.30		29.36		84.5		5.48			2.2			NA			NA			0.18	0.14	0.09	0.41		
G2	5/10/2019	Mid-Ebb	Fine	Moderate	7:33	12	S	1	3																					0.18	0.14	0.09	0.41		
G2	5/10/2019	Mid-Ebb	Fine	Moderate	7:33	12	M	6	1	8.00	8.00	28.50	28.51	29.41	29.42	81.3	81.2	5.27	5.41		2.7	2.8		NA	NA		NA	NA		0.17	0.14	0.09	0.40	0.40	
G2	5/10/2019	Mid-Ebb	Fine	Moderate	7:33	12	M	6	2	7.99		28.52		29.42		81.1		5.55			2.8			NA			NA			0.17	0.14	0.09	0.40		
G2	5/10/2019	Mid-Ebb	Fine	Moderate	7:33	12	M	6	3																					0.17	0.14	0.09	0.40		
G2	5/10/2019	Mid-Ebb	Fine	Moderate	7:33	12	B	11	1	8.02	8.02	28.73	28.72	29.26	29.27	77.0	77.2	4.99	5.00		3.3	3.4		NA	NA		NA	NA		0.17	0.15	0.10	0.42	0.42	
G2	5/10/2019	Mid-Ebb	Fine	Moderate	7:33	12	B	11	2	8.01		28.71		29.27		77.3		5.01			3.4			NA			NA			0.17	0.15	0.11	0.43		
G2	5/10/2019	Mid-Ebb	Fine	Moderate	7:33	12	B	11	3																					0.17	0.15	0.10	0.42		
SR4	5/10/2019	Mid-Ebb	Fine	Moderate	7:12	4	S	1	1	8.02	8.03	29.23	29.25	29.57	29.57	83.3	83.5	5.41	5.42	5.42	2.4	2.4	2.4	0.19	0.19	0.24	0.012	0.012	0.015	NA	NA	NA	NA	NA	NA
SR4	5/10/2019	Mid-Ebb	Fine	Moderate	7:12	4	S	1	2	8.03		29.27		29.57		83.6		5.43			2.3			0.18			0.011			NA	NA	NA	NA		
SR4	5/10/2019	Mid-Ebb	Fine	Moderate	7:12	4	S	1	3																					NA	NA	NA	NA		
SR4	5/10/2019	Mid-Ebb	Fine	Moderate	7:12	4	M		1																					NA	NA	NA	NA		
SR4	5/10/2019	Mid-Ebb	Fine	Moderate	7:12	4	M		2		NA		NA		NA		NA		NA			NA			NA			NA			NA	NA	NA	NA	NA	NA
SR4	5/10/2019	Mid-Ebb	Fine	Moderate	7:12	4	M		3																					NA	NA	NA	NA		
SR4	5/10/2019	Mid-Ebb	Fine	Moderate	7:12	4	B	3	1	8.03	8.03	29.32	29.34	29.50	29.51	81.2	81.4	5.27	5.28		2.6	2.5		0.28	0.29		0.018	0.018		NA	NA	NA	NA	NA	
SR4	5/10/2019	Mid-Ebb	Fine	Moderate	7:12	4	B	3	2	8.02		29.36		29.51		81.5		5.29			2.4			0.29			0.018			NA	NA	NA	NA		
SR4	5/10/2019	Mid-Ebb	Fine	Moderate	7:12	4	B	3	3																					NA	NA	NA	NA		
SR5	5/10/2019	Mid-Ebb	Fine	Moderate	7:56	11	S	1	1	7.98	7.98	28.62	28.61	29.63	29.63	87.3	87.2	5.64	5.63	5.53	2.0	2.0	2.7	NA	NA	NA	NA	NA	NA	0.19	0.14	0.09	0.42	0.43	0.44
SR5	5/10/2019	Mid-Ebb	Fine	Moderate	7:56	11	S	1	2	7.97		28.59		29.62		87.1		5.62			1.9			NA			NA			0.21	0.15	0.09	0.45		
SR5	5/10/2019	Mid-Ebb	Fine	Moderate	7:56	11	S	1	3																					0.19	0.15	0.09	0.43		
SR5	5/10/2019	Mid-Ebb	Fine	Moderate	7:56	11	M	5.5	1	7.99	8.00	28.76	28.78	29.50	29.50	84.0	83.9	5.43	5.42		2.7	2.7		NA	NA	NA	NA	NA	NA	0.18	0.15	0.09	0.42		
SR5	5/10/2019	Mid-Ebb	Fine	Moderate	7:56	11	M	5.5	2	8.00		28.80		29.49		83.8		5.41			2.6			NA			NA			0.19	0.15	0.09	0.43		
SR5	5/10/2019	Mid-Ebb	Fine	Moderate	7:56	11	M	5.5	3																					0.18	0.15	0.09	0.42		
SR5	5/10/2019	Mid-Ebb	Fine	Moderate	7:56	11	B	10	1	8.01	8.01	28.96	28.98	29.33	29.32	80.0	79.9	5.17	5.17		3.4	3.4		NA	NA		NA	NA		0.19	0.16	0.10	0.45	0.45	
SR5	5/10/2019	Mid-Ebb	Fine	Moderate	7:56	11	B	10	2	8.00		28.99		29.31		79.8		5.16			3.3			NA			NA			0.20	0.16	0.10	0.46		
SR5	5/10/2019	Mid-Ebb	Fine	Moderate	7:56	11	B	10	3																					0.19	0.16	0.10	0.45		
SR12	5/10/2019	Mid-Ebb	Fine	Moderate	6:51	15	S	1	1	8.00	8.00	29.24	29.26	29.67	29.67	79.9	79.9	5.22	5.22	5.04	2.6	2.7	3.3	0.21	0.22	0.20	0.013	0.013	0.012	NA	NA	NA	NA	NA	NA
SR12	5/10/2019	Mid-Ebb	Fine	Moderate	6:51	15	S	1	2	7.99		29.28		29.66		79.8		5.21			2.7			0.23			0.014			NA	NA	NA	NA		
SR12	5/10/2019	Mid-Ebb	Fine	Moderate	6:51	15	S	1	3																					NA	NA	NA	NA		
SR12	5/10/2019	Mid-Ebb	Fine	Moderate	6:51	15	M	7.5	1	8.02	8.02	29.59	29.61	29.32	29.32	74.3	74.5	4.85	4.87		3.2	3.3		0.19	0.19		0.012	0.012		NA	NA	NA	NA	NA	NA
SR12	5/10/2019	Mid-Ebb	Fine	Moderate	6:51	15	M	7.5	2	8.01		29.62		29.32		74.7		4.88			3.3			0.19			0.012			NA	NA	NA	NA		
SR12	5/10/2019	Mid-Ebb	Fine	Moderate	6:51	15	M	7.5	3																					NA	NA	NA	NA		
SR12	5/10/2019	Mid-Ebb	Fine	Moderate	6:51	15	B	14	1	8.03	8.03	28.93	29.42	29.16	29.17	71.3	71.5	4.66	4.67		3.9	4.0		0.20	0.20		0.012	0.012		NA	NA	NA	NA	NA	
SR12	5/10/2019	Mid-Ebb	Fine	Moderate	6:51	15	B	14	2	8.02		29.90		29.17		71.6		4.68			4.0			0.20			0.012			NA	NA	NA	NA		
SR12	5/10/2019	Mid-Ebb	Fine	Moderate	6:51	15	B	14	3																					NA	NA	NA	NA		
SR13	5/10/2019	Mid-Ebb	Fine	Moderate	6:24	14	S	1	1	8.01	8.01	28.67	28.70	29.53	29.53	76.7	76.8	5.01	5.02	4.90	2.0	2.1	2.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	5/10/2019	Mid-Ebb	Fine	Moderate	6:24	14	S	1	2	8.00		28.72		29.52		76.9		5.03			2.2			NA			NA			NA	NA	NA	NA		
SR13	5/10/2019	Mid-Ebb	Fine	Moderate	6:24	14	S	1	3																					NA	NA	NA	NA		
SR13	5/10/2019	Mid-Ebb	Fine	Moderate	6:24	14	M	7	1	8.02	8.02	28.99	29.02	29.37	29.37	73.2	73.1	4.78	4.77		2.7	2.8		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	5/10/2019	Mid-Ebb	Fine	Moderate	6:24	14	M	7	2	8.02		29.04		29.37		72.9		4.76			2.9			NA			NA			NA	NA	NA	NA		
SR13	5/10/2019	Mid-Ebb	Fine	Moderate	6:24	14	M	7	3																					NA	NA	NA	NA		
SR13	5/10/2019	Mid-Ebb	Fine	Moderate	6:24	14	B	13	1	8.03	8.03	29.39	29.40	29.10	29.11	69.6	69.5	4.54	4.53		3.3	3.4		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	5/10/2019	Mid-Ebb	Fine	Moderate	6:24	14	B	13	2	8.02		29.40		29.11		69.3		4.52			3.4			NA			NA			NA	NA	NA	NA		
SR13	5/10/2019	Mid-Ebb	Fine	Moderate	6:24	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 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	5/10/2019	Mid-Ebb	Fine	Moderate	8:13	28	S	1	1	5			0.31			0.018			0.31	0.15	0.09	0.55			190			NA			<1		
C1A	5/10/2019	Mid-Ebb	Fine	Moderate	8:13	28	S	1	2	5	5		0.23	0.27		0.013	0.016		0.23	0.15	0.09	0.47	0.50		260	222		NA	NA		<1	1	
C1A	5/10/2019	Mid-Ebb	Fine	Moderate	8:13	28	S	1	3										0.23	0.16	0.09	0.48											
C1A	5/10/2019	Mid-Ebb	Fine	Moderate	8:13	28	M	14	1	5			0.23			0.014			0.23	0.15	0.10	0.48			210			NA			<1		
C1A	5/10/2019	Mid-Ebb	Fine	Moderate	8:13	28	M	14	2	5	5	5	0.25	0.24	0.26	0.015	0.014	0.015	0.25	0.15	0.09	0.49	0.49	0.50	290	247	258	NA	NA	NA	<1	1	1
C1A	5/10/2019	Mid-Ebb	Fine	Moderate	8:13	28	M	14	3										0.25	0.15	0.10	0.50											
C1A	5/10/2019	Mid-Ebb	Fine	Moderate	8:13	28	B	27	1	5			0.28			0.017			0.28	0.15	0.10	0.53			270			NA			<1		
C1A	5/10/2019	Mid-Ebb	Fine	Moderate	8:13	28	B	27	2	5	5		0.23	0.26		0.014	0.016		0.23	0.15	0.10	0.48	0.50		360	312		NA	NA		<1	1	
C1A	5/10/2019	Mid-Ebb	Fine	Moderate	8:13	28	B	27	3										0.23	0.15	0.10	0.48											
C2A	5/10/2019	Mid-Ebb	Fine	Moderate	6:00	13	S	1	1	4			0.17			0.010			0.17	0.15	0.10	0.42			310			NA			<1		
C2A	5/10/2019	Mid-Ebb	Fine	Moderate	6:00	13	S	1	2	4	4		0.21	0.19		0.012	0.011		0.21	0.15	0.10	0.46	0.45		250	278		NA	NA		<1	1	
C2A	5/10/2019	Mid-Ebb	Fine	Moderate	6:00	13	S	1	3										0.23	0.15	0.10	0.48											
C2A	5/10/2019	Mid-Ebb	Fine	Moderate	6:00	13	M	6.5	1	5			0.33			0.020			0.33	0.15	0.09	0.57			320			NA			<1		
C2A	5/10/2019	Mid-Ebb	Fine	Moderate	6:00	13	M	6.5	2	5	5	4	0.33	0.33	0.25	0.020	0.020	0.015	0.33	0.15	0.09	0.57	0.54	0.50	270	294	264	NA	NA	NA	<1	1	1
C2A	5/10/2019	Mid-Ebb	Fine	Moderate	6:00	13	M	6.5	3										0.25	0.15	0.09	0.49											
C2A	5/10/2019	Mid-Ebb	Fine	Moderate	6:00	13	B	12	1	4			0.19			0.011			0.19	0.15	0.10	0.44			280			NA			<1		
C2A	5/10/2019	Mid-Ebb	Fine	Moderate	6:00	13	B	12	2	4	4		0.26	0.23		0.016	0.013		0.26	0.15	0.10	0.51	0.50		180	224		NA	NA		<1	1	
C2A	5/10/2019	Mid-Ebb	Fine	Moderate	6:00	13	B	12	3										0.32	0.15	0.09	0.56											
G2	5/10/2019	Mid-Ebb	Fine	Moderate	7:33	12	S	1	1	3			NA			NA			0.18	0.13	0.09	0.40			NA			NA			NA		
G2	5/10/2019	Mid-Ebb	Fine	Moderate	7:33	12	S	1	2	3	3		NA	NA		NA	NA		0.18	0.14	0.09	0.41	0.41		NA	NA		NA	NA		NA	NA	
G2	5/10/2019	Mid-Ebb	Fine	Moderate	7:33	12	S	1	3										0.19	0.15	0.09	0.43											
G2	5/10/2019	Mid-Ebb	Fine	Moderate	7:33	12	M	6	1	10			NA			NA			0.17	0.15	0.09	0.41			NA			NA			NA		
G2	5/10/2019	Mid-Ebb	Fine	Moderate	7:33	12	M	6	2	9	10	6	NA	NA	NA	NA	NA	NA	0.17	0.14	0.09	0.40	0.41	0.41	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	5/10/2019	Mid-Ebb	Fine	Moderate	7:33	12	M	6	3										0.17	0.15	0.09	0.41											
G2	5/10/2019	Mid-Ebb	Fine	Moderate	7:33	12	B	11	1	5			NA			NA			0.18	0.15	0.09	0.42			NA			NA			NA		
G2	5/10/2019	Mid-Ebb	Fine	Moderate	7:33	12	B	11	2	5	5		NA	NA		NA	NA		0.17	0.14	0.09	0.40	0.41		NA	NA		NA	NA		NA	NA	
G2	5/10/2019	Mid-Ebb	Fine	Moderate	7:33	12	B	11	3										0.18	0.15	0.09	0.42											
SR4	5/10/2019	Mid-Ebb	Fine	Moderate	7:12	4	S	1	1	5			0.20			0.013			NA	NA	NA	NA			210			NA			<1		
SR4	5/10/2019	Mid-Ebb	Fine	Moderate	7:12	4	S	1	2	4	5		0.17	0.19		0.011	0.012		NA	NA	NA	NA	NA		360	275		NA	NA		<1	1	
SR4	5/10/2019	Mid-Ebb	Fine	Moderate	7:12	4	S	1	3										NA	NA	NA	NA											
SR4	5/10/2019	Mid-Ebb	Fine	Moderate	7:12	4	M		1										NA	NA	NA	NA						NA					
SR4	5/10/2019	Mid-Ebb	Fine	Moderate	7:12	4	M		2		NA	5		NA	0.24		NA	0.015	NA	NA	NA	NA	NA	NA		NA	298	NA	NA	NA		NA	1
SR4	5/10/2019	Mid-Ebb	Fine	Moderate	7:12	4	M		3										NA	NA	NA	NA											
SR4	5/10/2019	Mid-Ebb	Fine	Moderate	7:12	4	B	3	1	7			0.27			0.017			NA	NA	NA	NA			360			NA			<1		
SR4	5/10/2019	Mid-Ebb	Fine	Moderate	7:12	4	B	3	2	7	7		0.31	0.29		0.020	0.018		NA	NA	NA	NA	NA		290	323		NA	NA		<1	1	
SR4	5/10/2019	Mid-Ebb	Fine	Moderate	7:12	4	B	3	3										NA	NA	NA	NA											
SR5	5/10/2019	Mid-Ebb	Fine	Moderate	7:56	11	S	1	1	6			NA			NA			0.16	0.14	0.09	0.39			NA			NA			NA		
SR5	5/10/2019	Mid-Ebb	Fine	Moderate	7:56	11	S	1	2	5	6		NA	NA		NA	NA		0.21	0.15	0.09	0.45	0.43		NA	NA		NA	NA		NA	NA	
SR5	5/10/2019	Mid-Ebb	Fine	Moderate	7:56	11	S	1	3										0.20	0.15	0.09	0.44											
SR5	5/10/2019	Mid-Ebb	Fine	Moderate	7:56	11	M	5.5	1	5			NA			NA			0.19	0.15	0.09	0.43			NA			NA			NA		
SR5	5/10/2019	Mid-Ebb	Fine	Moderate	7:56	11	M	5.5	2	5	5	5	NA	NA	NA	NA	NA	NA	0.17	0.15	0.09	0.41	0.42	0.42	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	5/10/2019	Mid-Ebb	Fine	Moderate	7:56	11	M	5.5	3										0.17	0.15	0.09	0.41											
SR5	5/10/2019	Mid-Ebb	Fine	Moderate	7:56	11	B	10	1	6			NA			NA			0.22	0.15	0.10	0.47			NA			NA			NA		
SR5	5/10/2019	Mid-Ebb	Fine	Moderate	7:56	11	B	10	2	5	6		NA	NA		NA	NA		0.16	0.15	0.09	0.40	0.43		NA	NA		NA	NA		NA	NA	
SR5	5/10/2019	Mid-Ebb	Fine	Moderate	7:56	11	B	10	3										0.18	0.15	0.09	0.42											
SR12	5/10/2019	Mid-Ebb	Fine	Moderate	6:51	15	S	1	1	5			0.24			0.014			NA	NA	NA	NA			290			NA			<1		
SR12	5/10/2019	Mid-Ebb	Fine	Moderate	6:51	15	S	1	2	5	5		0.18	0.21		0.011	0.013		NA	NA	NA	NA	NA		230	258		NA	NA		<1	1	
SR12	5/10/2019	Mid-Ebb	Fine	Moderate	6:51	15	S	1	3										NA	NA	NA	NA											
SR12	5/10/2019	Mid-Ebb	Fine	Moderate	6:51	15	M	7.5	1	4			0.18			0.011			NA	NA	NA	NA			260			NA			<1		
SR12	5/10/2019	Mid-Ebb	Fine	Moderate	6:51	15	M	7.5	2	4	4	5	0.18	0.18	0.19	0.011	0.011	0.012	NA	NA	NA	NA	NA	NA	220	239	263	NA	NA	NA	<1	1	1
SR12	5/10/2019	Mid-Ebb	Fine	Moderate	6:51	15	M	7.5	3										NA	NA	NA	NA											
SR12	5/10/2019	Mid-Ebb	Fine	Moderate	6:51	15	B	14	1	5			0.17			0.010			NA	NA	NA	NA			360			NA			<1		
SR12	5/10/2019	Mid-Ebb	Fine	Moderate	6:51	15	B	14	2	5	5		0.19	0.18		0.012	0.011		NA	NA	NA	NA	NA		240	294		NA	NA		<1	1	
SR12	5/10/2019	Mid-Ebb	Fine	Moderate	6:51	15	B	14	3										NA	NA	NA	NA											
SR13	5/10/2019	Mid-Ebb	Fine	Moderate	6:24	14	S	1	1	5			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	5/10/2019	Mid-Ebb	Fine	Moderate	6:24	14	S	1	2	5	5		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	5/10/2019	Mid-Ebb	Fine	Moderate	6:24	14	S	1	3										NA	NA	NA	NA											
SR13	5/10/2019	Mid-Ebb	Fine	Moderate	6:24	14	M	7	1	4			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	5/10/2019	Mid-Ebb	Fine	Moderate	6:24	14	M	7	2	4	4	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	5/10/2019	Mid-Ebb	Fine	Moderate	6:24	14	M	7	3										NA	NA	NA	NA											
SR13	5/10/2019	Mid-Ebb	Fine	Moderate	6:24	14	B	13	1	5			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	5/10/2019	Mid-Ebb	Fine	Moderate	6:24	14	B	13	2	4	5		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	5/10/2019	Mid-Ebb	Fine	Moderate	6:24	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 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	Value	Ave.	Depth	Value	Ave.	Depth				Value	Ave.	Depth
C1A	8/10/2019	Mid-Flood	Fine	Moderate	12:50	28	S	1	1	7.95		30.49		29.62		79.3		5.19			2.6			0.11			0.006			0.11	0.15	0.13	0.39		
C1A	8/10/2019	Mid-Flood	Fine	Moderate	12:50	28	S	1	2	7.94	7.95	30.52	30.51	29.61	29.62	79.1	79.2	5.17	5.18		2.7	2.7		0.12	0.12		0.006	0.006		0.12	0.15	0.13	0.40	0.39	
C1A	8/10/2019	Mid-Flood	Fine	Moderate	12:50	28	S	1	3																					0.11	0.15	0.13	0.39		
C1A	8/10/2019	Mid-Flood	Fine	Moderate	12:50	28	M	14	1	7.97		30.89		29.34		74.0		4.84		5.01	3.5			0.11			0.006			0.11	0.16	0.13	0.40		
C1A	8/10/2019	Mid-Flood	Fine	Moderate	12:50	28	M	14	2	7.97	7.97	30.91	30.90	29.35	29.35	73.7	73.9	4.82	4.83		3.6	3.6	3.6	0.11	0.11	0.12	0.006	0.006	0.006	0.11	0.16	0.13	0.40	0.40	0.41
C1A	8/10/2019	Mid-Flood	Fine	Moderate	12:50	28	M	14	3																					0.11	0.16	0.13	0.40		
C1A	8/10/2019	Mid-Flood	Fine	Moderate	12:50	28	B	27	1	7.99		31.23		29.10		69.6		4.56			4.4			0.12			0.007			0.12	0.17	0.14	0.43		
C1A	8/10/2019	Mid-Flood	Fine	Moderate	12:50	28	B	27	2	8.00	8.00	31.26	31.25	29.09	29.10	69.9	69.8	4.58	4.57		4.5	4.5		0.12	0.12		0.007	0.007		0.12	0.16	0.14	0.42	0.43	
C1A	8/10/2019	Mid-Flood	Fine	Moderate	12:50	28	B	27	3																					0.12	0.17	0.14	0.43		
C2A	8/10/2019	Mid-Flood	Fine	Moderate	15:24	13	S	1	1	7.97		30.43		29.76		73.3		4.74			2.9			0.29			0.017			0.29	0.08	0.06	0.43		
C2A	8/10/2019	Mid-Flood	Fine	Moderate	15:24	13	S	1	2	7.98	7.98	30.40	30.42	29.75	29.76	73.5	73.4	4.75	4.75		3.0	3.0		0.30	0.30		0.017	0.017		0.30	0.08	0.06	0.44	0.44	
C2A	8/10/2019	Mid-Flood	Fine	Moderate	15:24	13	S	1	3																					0.30	0.08	0.06	0.44		
C2A	8/10/2019	Mid-Flood	Fine	Moderate	15:24	13	M	6.5	1	7.98		30.73		29.60		70.0		4.52		4.63	3.4			0.28			0.016			0.28	0.08	0.07	0.43		
C2A	8/10/2019	Mid-Flood	Fine	Moderate	15:24	13	M	6.5	2	7.98	7.98	30.71	30.72	29.59	29.60	69.8	69.9	4.50	4.51		3.3	3.4	3.4	0.29	0.29	0.30	0.016	0.016	0.017	0.29	0.08	0.07	0.44	0.44	0.45
C2A	8/10/2019	Mid-Flood	Fine	Moderate	15:24	13	M	6.5	3																					0.29	0.08	0.07	0.44		
C2A	8/10/2019	Mid-Flood	Fine	Moderate	15:24	13	B	12	1	8.00		30.99		29.34		66.2		4.28			4.0			0.31			0.018			0.31	0.09	0.07	0.47		
C2A	8/10/2019	Mid-Flood	Fine	Moderate	15:24	13	B	12	2	7.99	8.00	31.03	31.01	29.35	29.35	66.5	66.4	4.30	4.29		3.9	4.0		0.30	0.31		0.017	0.018		0.30	0.09	0.07	0.46	0.46	
C2A	8/10/2019	Mid-Flood	Fine	Moderate	15:24	13	B	12	3																					0.30	0.09	0.07	0.46		
G2	8/10/2019	Mid-Flood	Fine	Moderate	13:46	12	S	1	1	8.02		28.69		29.49		87.0		5.68			2.6			NA			NA			0.11	0.14	0.12	0.37		
G2	8/10/2019	Mid-Flood	Fine	Moderate	13:46	12	S	1	2	8.03	8.03	28.72	28.71	29.48	29.49	86.8	86.9	5.67	5.68		2.7	2.7		NA	NA		NA	NA		0.11	0.14	0.12	0.37	0.37	
G2	8/10/2019	Mid-Flood	Fine	Moderate	13:46	12	S	1	3																					0.11	0.14	0.12	0.37		
G2	8/10/2019	Mid-Flood	Fine	Moderate	13:46	12	M	6	1	8.04		28.99		29.27		83.6		5.46		5.56	3.3			NA			NA			0.11	0.15	0.12	0.38		
G2	8/10/2019	Mid-Flood	Fine	Moderate	13:46	12	M	6	2	8.03	8.04	29.01	29.00	29.27	29.27	83.3	83.5	5.44	5.45		3.2	3.3	3.2	NA	NA	NA	NA	NA	NA	0.11	0.15	0.12	0.38	0.38	0.38
G2	8/10/2019	Mid-Flood	Fine	Moderate	13:46	12	M	6	3																					0.11	0.15	0.12	0.38		
G2	8/10/2019	Mid-Flood	Fine	Moderate	13:46	12	B	11	1	8.04		29.32		29.10		80.0		5.22			3.5			NA			NA			0.12	0.16	0.13	0.41		
G2	8/10/2019	Mid-Flood	Fine	Moderate	13:46	12	B	11	2	8.04	8.04	29.28	29.30	29.09	29.10	79.7	79.9	5.20	5.21		3.7	3.6		NA	NA		NA	NA		0.12	0.16	0.12	0.40	0.40	
G2	8/10/2019	Mid-Flood	Fine	Moderate	13:46	12	B	11	3																					0.12	0.16	0.12	0.40		
SR4	8/10/2019	Mid-Flood	Fine	Moderate	14:09	4	S	1	1	8.02		29.20		29.60		82.3		5.31			2.7			0.14			0.009			NA	NA	NA	NA		
SR4	8/10/2019	Mid-Flood	Fine	Moderate	14:09	4	S	1	2	8.01	8.02	29.18	29.19	29.59	29.60	82.0	82.2	5.29	5.30		2.6	2.7		0.14	0.14		0.009	0.009		NA	NA	NA	NA	NA	
SR4	8/10/2019	Mid-Flood	Fine	Moderate	14:09	4	S	1	3																					NA	NA	NA	NA		
SR4	8/10/2019	Mid-Flood	Fine	Moderate	14:09	4	M		1											5.30										NA	NA	NA	NA		
SR4	8/10/2019	Mid-Flood	Fine	Moderate	14:09	4	M		2		NA		NA		NA		NA		NA			NA	2.9		NA	0.14		NA	0.008	NA	NA	NA	NA	NA	NA
SR4	8/10/2019	Mid-Flood	Fine	Moderate	14:09	4	M		3																					NA	NA	NA	NA		
SR4	8/10/2019	Mid-Flood	Fine	Moderate	14:09	4	B	3	1	8.02		29.33		29.52		80.9		5.22			3.1			0.13			0.008			NA	NA	NA	NA		
SR4	8/10/2019	Mid-Flood	Fine	Moderate	14:09	4	B	3	2	8.03	8.03	29.36	29.35	29.51	29.52	81.2	81.1	5.24	5.23		3.0	3.1		0.13	0.13		0.008	0.008		NA	NA	NA	NA	NA	
SR4	8/10/2019	Mid-Flood	Fine	Moderate	14:09	4	B	3	3																					NA	NA	NA	NA		
SR5	8/10/2019	Mid-Flood	Fine	Moderate	13:17	11	S	1	1	8.01		28.24		29.53		83.7		5.50			2.4			NA			NA			0.12	0.17	0.13	0.42		
SR5	8/10/2019	Mid-Flood	Fine	Moderate	13:17	11	S	1	2	8.00	8.01	28.27	28.26	29.53	29.53	84.0	83.9	5.52	5.51		2.5	2.5		NA	NA		NA	NA		0.13	0.17	0.13	0.43	0.42	
SR5	8/10/2019	Mid-Flood	Fine	Moderate	13:17	11	S	1	3																					0.12	0.17	0.13	0.42		
SR5	8/10/2019	Mid-Flood	Fine	Moderate	13:17	11	M	5.5	1	8.01		28.59		29.30		81.1		5.33		5.43	3.3			NA			NA			0.11	0.17	0.13	0.41		
SR5	8/10/2019	Mid-Flood	Fine	Moderate	13:17	11	M	5.5	2	8.01	8.01	28.54	28.57	29.31	29.31	81.3	81.2	5.35	5.34		3.4	3.4	3.2	NA	NA	NA	NA	NA	NA	0.11	0.17	0.13	0.41	0.41	0.42
SR5	8/10/2019	Mid-Flood	Fine	Moderate	13:17	11	M	5.5	3																					0.11	0.17	0.13	0.41		
SR5	8/10/2019	Mid-Flood	Fine	Moderate	13:17	11	B	10	1	8.02		28.82		29.13		78.6		5.17			3.7			NA			NA			0.11	0.18	0.14	0.43		
SR5	8/10/2019	Mid-Flood	Fine	Moderate	13:17	11	B	10	2	8.01	8.02	28.80	28.81	29.14	29.14	78.5	78.6	5.16	5.17		3.8	3.8		NA	NA		NA	NA		0.11	0.18	0.14	0.43	0.43	
SR5	8/10/2019	Mid-Flood	Fine	Moderate	13:17	11	B	10	3																					0.11	0.17	0.14	0.42		
SR12	8/10/2019	Mid-Flood	Fine	Moderate	14:33	15	S	1	1	8.01		29.60		29.70		76.3		4.95			2.5			0.19			0.012			NA	NA	NA	NA		
SR12	8/10/2019	Mid-Flood	Fine	Moderate	14:33	15	S	1	2	8.00	8.01	29.63	29.62	29.69	29.70	76.0	76.2	4.93	4.94		2.7	2.6		0.19	0.19		0.012	0.012		NA	NA	NA	NA	NA	
SR12	8/10/2019	Mid-Flood	Fine	Moderate	14:33	15	S	1	3																					NA	NA	NA	NA		
SR12	8/10/2019	Mid-Flood	Fine	Moderate	14:33	15	M	7.5	1	8.02		30.00		29.52		72.4		4.70		4.82	3.0			0.21			0.013			NA	NA	NA	NA		
SR12	8/10/2019	Mid-Flood	Fine	Moderate	14:33	15	M	7.5	2	8.01	8.02	29.98	29.99	29.51	29.52	72.6	72.5	4.71	4.71		3.1	3.1	3.1	0.22	0.22	0.21	0.013	0.013	0.013	NA	NA	NA	NA	NA	NA
SR12	8/10/2019	Mid-Flood	Fine	Moderate	14:33	15	M	7.5	3																					NA	NA	NA	NA		
SR12	8/10/2019	Mid-Flood	Fine	Moderate	14:33	15	B	14	1	8.04		30.26		29.40		68.9		4.47			3.7			0.23			0.015			NA	NA	NA	NA		
SR12	8/10/2019	Mid-Flood	Fine	Moderate	14:33	15	B	14	2	8.03	8.04	30.29	30.28	29.39	29.40	69.1	69.0	4.49	4.48		3.8	3.8		0.23	0.23		0.015	0.015		NA	NA	NA	NA	NA	
SR12	8/10/2019	Mid-Flood	Fine	Moderate	14:33	15	B	14	3																					NA	NA	NA	NA		
SR13	8/10/2019	Mid-Flood	Fine	Moderate	15:00	14	S	1	1	7.99		30.26		29.62		72.2		4.67			2.6			NA			NA			NA	NA	NA	NA		
SR13	8/10/2019	Mid-Flood	Fine	Moderate	15:00	14	S	1	2	8.00	8.00	30.24	30.25	29.60	29.61	72.1	72.2	4.67	4.67		2.5	2.6		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	8/10/2019	Mid-Flood	Fine	Moderate	15:00	14	S	1	3																					NA	NA	NA	NA		
SR13	8/10/2019	Mid-Flood	Fine	Moderate	15:00	14	M	7	1	8.02		30.43		29.42		69.9		4.53		4.60	2.9			NA			NA			NA	NA	NA	NA		
SR13	8/10/2019	Mid-Flood	Fine	Moderate	15:00	14	M	7	2	8.01	8.02	30.46	30.45	29.41	29.42	69.7	69.8	4.51	4.52		3.1	3.0	3.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	8/10/2019	Mid-Flood	Fine	Moderate	15:00	14	M	7	3																					NA	NA	NA	NA		
SR13	8/10/2019	Mid-Flood	Fine	Moderate	15:00	14	B	13	1	8.02		30.77		29.28		66.0		4.27			3.6			NA			NA			NA	NA	NA	NA		
SR13	8/10/2019	Mid-Flood	Fine	Moderate	15:00	14	B	13	2	8.02	8.02	30.73	30.75	29.28	29.28	66.3	66.2	4.29	4.28		3.7	3.7		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	8/10/2019	Mid-Flood	Fine	Moderate	15:00	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 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	8/10/2019	Mid-Flood	Fine	Moderate	12:50	28	S	1	1	6			0.10			0.005			0.10	0.15	0.13	0.38			1			NA			<1		
C1A	8/10/2019	Mid-Flood	Fine	Moderate	12:50	28	S	1	2	6	6		0.13	0.12		0.007	0.006		0.13	0.15	0.13	0.41	0.39		1	1		NA	NA		<1	1	
C1A	8/10/2019	Mid-Flood	Fine	Moderate	12:50	28	S	1	3										0.11	0.15	0.13	0.39											
C1A	8/10/2019	Mid-Flood	Fine	Moderate	12:50	28	M	14	1	5			0.11			0.006			0.11	0.16	0.13	0.40			1			NA			<1		
C1A	8/10/2019	Mid-Flood	Fine	Moderate	12:50	28	M	14	2	5	5	5	0.10	0.11	0.11	0.005	0.006	0.006	0.10	0.16	0.13	0.39	0.39	0.39	1	1	2	NA	NA	NA	<1	1	1
C1A	8/10/2019	Mid-Flood	Fine	Moderate	12:50	28	M	14	3										0.10	0.15	0.14	0.39											
C1A	8/10/2019	Mid-Flood	Fine	Moderate	12:50	28	B	27	1	4			0.10			0.006			0.10	0.16	0.13	0.39			3			NA			<1		
C1A	8/10/2019	Mid-Flood	Fine	Moderate	12:50	28	B	27	2	5	5		0.10	0.10		0.006	0.006		0.10	0.16	0.13	0.39	0.39		4	3		NA	NA		<1	1	
C1A	8/10/2019	Mid-Flood	Fine	Moderate	12:50	28	B	27	3										0.10	0.17	0.13	0.40											
C2A	8/10/2019	Mid-Flood	Fine	Moderate	15:24	13	S	1	1	8			0.27			0.015			0.27	0.08	0.06	0.41			170			NA			<1		
C2A	8/10/2019	Mid-Flood	Fine	Moderate	15:24	13	S	1	2	9	9		0.30	0.29		0.017	0.016		0.30	0.08	0.06	0.44	0.43		160	165		NA	NA		<1	1	
C2A	8/10/2019	Mid-Flood	Fine	Moderate	15:24	13	S	1	3										0.31	0.08	0.06	0.45											
C2A	8/10/2019	Mid-Flood	Fine	Moderate	15:24	13	M	6.5	1	7			0.28			0.016			0.28	0.08	0.07	0.43			190			NA			<1		
C2A	8/10/2019	Mid-Flood	Fine	Moderate	15:24	13	M	6.5	2	8	8	8	0.29	0.29	0.29	0.016	0.016	0.017	0.29	0.08	0.06	0.43	0.43	0.43	240	214	197	NA	NA	NA	<1	1	1
C2A	8/10/2019	Mid-Flood	Fine	Moderate	15:24	13	M	6.5	3										0.30	0.08	0.06	0.44											
C2A	8/10/2019	Mid-Flood	Fine	Moderate	15:24	13	B	12	1	7			0.30			0.017			0.30	0.08	0.06	0.44			250			NA			<1		
C2A	8/10/2019	Mid-Flood	Fine	Moderate	15:24	13	B	12	2	8	8		0.30	0.30		0.017	0.017		0.30	0.08	0.06	0.44	0.43		190	218		NA	NA		<1	1	
C2A	8/10/2019	Mid-Flood	Fine	Moderate	15:24	13	B	12	3										0.27	0.08	0.07	0.42											
G2	8/10/2019	Mid-Flood	Fine	Moderate	13:46	12	S	1	1	5			NA			NA			0.11	0.14	0.12	0.37			NA			NA			NA		
G2	8/10/2019	Mid-Flood	Fine	Moderate	13:46	12	S	1	2	5	5		NA	NA		NA	NA		0.11	0.14	0.11	0.36	0.36		NA	NA		NA	NA		NA	NA	
G2	8/10/2019	Mid-Flood	Fine	Moderate	13:46	12	S	1	3										0.10	0.14	0.11	0.35											
G2	8/10/2019	Mid-Flood	Fine	Moderate	13:46	12	M	6	1	6			NA			NA			0.11	0.14	0.12	0.37			NA			NA			NA		
G2	8/10/2019	Mid-Flood	Fine	Moderate	13:46	12	M	6	2	5	6	5	NA	NA	NA	NA	NA	NA	0.11	0.14	0.12	0.37	0.37	0.37	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	8/10/2019	Mid-Flood	Fine	Moderate	13:46	12	M	6	3										0.11	0.15	0.11	0.37											
G2	8/10/2019	Mid-Flood	Fine	Moderate	13:46	12	B	11	1	5			NA			NA			0.10	0.15	0.11	0.36			NA			NA			NA		
G2	8/10/2019	Mid-Flood	Fine	Moderate	13:46	12	B	11	2	4	5		NA	NA		NA	NA		0.11	0.15	0.11	0.37	0.37		NA	NA		NA	NA		NA	NA	
G2	8/10/2019	Mid-Flood	Fine	Moderate	13:46	12	B	11	3										0.11	0.15	0.12	0.38											
SR4	8/10/2019	Mid-Flood	Fine	Moderate	14:09	4	S	1	1	5			0.13			0.008			NA	NA	NA	NA			15			NA			<1		
SR4	8/10/2019	Mid-Flood	Fine	Moderate	14:09	4	S	1	2	5	5		0.14	0.14		0.009	0.008		NA	NA	NA	NA	NA		19	17		NA	NA		<1	1	
SR4	8/10/2019	Mid-Flood	Fine	Moderate	14:09	4	S	1	3										NA	NA	NA	NA											
SR4	8/10/2019	Mid-Flood	Fine	Moderate	14:09	4	M		1										NA	NA	NA	NA											
SR4	8/10/2019	Mid-Flood	Fine	Moderate	14:09	4	M		2		NA	8		NA	0.13		NA	0.008	NA	NA	NA	NA	NA	NA		NA	19		NA	NA		NA	1
SR4	8/10/2019	Mid-Flood	Fine	Moderate	14:09	4	M		3										NA	NA	NA	NA											
SR4	8/10/2019	Mid-Flood	Fine	Moderate	14:09	4	B	3	1	10			0.12			0.008			NA	NA	NA	NA			24			NA			<1		
SR4	8/10/2019	Mid-Flood	Fine	Moderate	14:09	4	B	3	2	10	10		0.12	0.12		0.008	0.008		NA	NA	NA	NA	NA		20	22		NA	NA		<1	1	
SR4	8/10/2019	Mid-Flood	Fine	Moderate	14:09	4	B	3	3										NA	NA	NA	NA											
SR5	8/10/2019	Mid-Flood	Fine	Moderate	13:17	11	S	1	1	10			NA			NA			0.09	0.17	0.13	0.39			NA			NA			NA		
SR5	8/10/2019	Mid-Flood	Fine	Moderate	13:17	11	S	1	2	9	10		NA	NA		NA	NA		0.14	0.16	0.13	0.43	0.41		NA	NA		NA	NA		NA	NA	
SR5	8/10/2019	Mid-Flood	Fine	Moderate	13:17	11	S	1	3										0.10	0.17	0.13	0.40											
SR5	8/10/2019	Mid-Flood	Fine	Moderate	13:17	11	M	5.5	1	6			NA			NA			0.11	0.17	0.13	0.41			NA			NA			NA		
SR5	8/10/2019	Mid-Flood	Fine	Moderate	13:17	11	M	5.5	2	6	6	7	NA	NA	NA	NA	NA	NA	0.10	0.17	0.13	0.40	0.40	0.40	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	8/10/2019	Mid-Flood	Fine	Moderate	13:17	11	M	5.5	3										0.09	0.17	0.13	0.39											
SR5	8/10/2019	Mid-Flood	Fine	Moderate	13:17	11	B	10	1	6			NA			NA			0.10	0.16	0.13	0.39			NA			NA			NA		
SR5	8/10/2019	Mid-Flood	Fine	Moderate	13:17	11	B	10	2	6	6		NA	NA		NA	NA		0.10	0.16	0.13	0.39	0.39		NA	NA		NA	NA		NA	NA	
SR5	8/10/2019	Mid-Flood	Fine	Moderate	13:17	11	B	10	3										0.10	0.17	0.13	0.40											
SR12	8/10/2019	Mid-Flood	Fine	Moderate	14:33	15	S	1	1	7			0.18			0.011			NA	NA	NA	NA			120			NA			<1		
SR12	8/10/2019	Mid-Flood	Fine	Moderate	14:33	15	S	1	2	7	7		0.18	0.18		0.011	0.011		NA	NA	NA	NA	NA		110	115		NA	NA		<1	1	
SR12	8/10/2019	Mid-Flood	Fine	Moderate	14:33	15	S	1	3										NA	NA	NA	NA											
SR12	8/10/2019	Mid-Flood	Fine	Moderate	14:33	15	M	7.5	1	7			0.21			0.013			NA	NA	NA	NA			140			NA			<1		
SR12	8/10/2019	Mid-Flood	Fine	Moderate	14:33	15	M	7.5	2	6	7	7	0.19	0.20	0.19	0.012	0.012	0.012	NA	NA	NA	NA	NA	NA	130	135	151	NA	NA	NA	<1	1	1
SR12	8/10/2019	Mid-Flood	Fine	Moderate	14:33	15	M	7.5	3										NA	NA	NA	NA											
SR12	8/10/2019	Mid-Flood	Fine	Moderate	14:33	15	B	14	1	7			0.19			0.012			NA	NA	NA	NA			190			NA			<1		
SR12	8/10/2019	Mid-Flood	Fine	Moderate	14:33	15	B	14	2	6	7		0.20	0.20		0.013	0.012		NA	NA	NA	NA	NA		260	222		NA	NA		<1	1	
SR12	8/10/2019	Mid-Flood	Fine	Moderate	14:33	15	B	14	3										NA	NA	NA	NA											
SR13	8/10/2019	Mid-Flood	Fine	Moderate	15:00	14	S	1	1	11			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	8/10/2019	Mid-Flood	Fine	Moderate	15:00	14	S	1	2	11	11		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	8/10/2019	Mid-Flood	Fine	Moderate	15:00	14	S	1	3										NA	NA	NA	NA											
SR13	8/10/2019	Mid-Flood	Fine	Moderate	15:00	14	M	7	1	9			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	8/10/2019	Mid-Flood	Fine	Moderate	15:00	14	M	7	2	9	9	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	8/10/2019	Mid-Flood	Fine	Moderate	15:00	14	M	7	3										NA	NA	NA	NA											
SR13	8/10/2019	Mid-Flood	Fine	Moderate	15:00	14	B	13	1	9			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	8/10/2019	Mid-Flood	Fine	Moderate	15:00	14	B	13	2	8	9		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	8/10/2019	Mid-Flood	Fine	Moderate	15:00	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 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-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth	Value	Ave.	Depth	Value	Ave.	Depth						
C1A	8/10/2019	Mid-Ebb	Fine	Moderate	11:02	28	S	1	1	7.94		30.23		29.67		28.2		5.11			2.4			0.11			0.006			0.11	0.16	0.13	0.40		
C1A	8/10/2019	Mid-Ebb	Fine	Moderate	11:02	28	S	1	2	7.95	7.95	30.26	30.25	29.67	29.67	28.4	28.3	5.12	5.12		2.6	2.5		0.11	0.11		0.006	0.006		0.11	0.16	0.13	0.40	0.40	
C1A	8/10/2019	Mid-Ebb	Fine	Moderate	11:02	28	S	1	3											4.95										0.11	0.16	0.13	0.40		
C1A	8/10/2019	Mid-Ebb	Fine	Moderate	11:02	28	M	14	1	7.97		32.73		29.50		23.3		4.79			3.2			0.11			0.006			0.11	0.17	0.13	0.41		
C1A	8/10/2019	Mid-Ebb	Fine	Moderate	11:02	28	M	14	2	7.97	7.97	32.70	32.72	29.49	29.50	23.1	23.2	4.78	4.79		3.4	3.3	3.4	0.11	0.11	0.11	0.006	0.006	0.006	0.11	0.17	0.13	0.41	0.41	0.41
C1A	8/10/2019	Mid-Ebb	Fine	Moderate	11:02	28	M	14	3																					0.11	0.17	0.13	0.41		
C1A	8/10/2019	Mid-Ebb	Fine	Moderate	11:02	28	B	27	1	8.00		31.20		29.16		69.8		4.56			4.3			0.11			0.006			0.11	0.17	0.13	0.41		
C1A	8/10/2019	Mid-Ebb	Fine	Moderate	11:02	28	B	27	2	7.99	8.00	31.18	31.19	29.15	29.16	69.6	69.7	4.54	4.55		4.2	4.3		0.10	0.11		0.006	0.006		0.10	0.17	0.13	0.40	0.41	
C1A	8/10/2019	Mid-Ebb	Fine	Moderate	11:02	28	B	27	3																					0.11	0.17	0.13	0.41		
C2A	8/10/2019	Mid-Ebb	Fine	Moderate	9:00	13	S	1	1	7.94		30.64		29.26		74.8		4.83			2.6			0.30			0.015			0.30	0.08	0.06	0.44		
C2A	8/10/2019	Mid-Ebb	Fine	Moderate	9:00	13	S	1	2	7.95	7.95	30.67	30.66	29.23	29.25	74.5	74.7	4.80	4.82		2.8	2.7		0.29	0.30		0.015	0.015		0.29	0.08	0.06	0.43	0.44	
C2A	8/10/2019	Mid-Ebb	Fine	Moderate	9:00	13	S	1	3																					0.30	0.08	0.06	0.44		
C2A	8/10/2019	Mid-Ebb	Fine	Moderate	9:00	13	M	6.5	1	7.96		30.89		29.10		71.6		4.63		4.72	3.3			0.29			0.015			0.29	0.08	0.06	0.43		
C2A	8/10/2019	Mid-Ebb	Fine	Moderate	9:00	13	M	6.5	2	7.97	7.97	30.92	30.91	29.09	29.10	71.4	71.5	4.62	4.63		3.4	3.4	3.4	0.30	0.30	0.29	0.016	0.016	0.015	0.30	0.08	0.06	0.44	0.43	0.44
C2A	8/10/2019	Mid-Ebb	Fine	Moderate	9:00	13	M	6.5	3																					0.29	0.08	0.06	0.43		
C2A	8/10/2019	Mid-Ebb	Fine	Moderate	9:00	13	B	12	1	7.98		31.33		28.99		67.7		4.37			4.2			0.28			0.015			0.28	0.09	0.07	0.44		
C2A	8/10/2019	Mid-Ebb	Fine	Moderate	9:00	13	B	12	2	7.97	7.98	31.30	31.32	28.98	28.99	67.5	67.6	4.36	4.37		4.1	4.2		0.29	0.29		0.016	0.015		0.29	0.09	0.07	0.45	0.44	
C2A	8/10/2019	Mid-Ebb	Fine	Moderate	9:00	13	B	12	3																					0.28	0.09	0.07	0.44		
G2	8/10/2019	Mid-Ebb	Fine	Moderate	10:24	12	S	1	1	8.01		28.04		29.53		85.9		5.61			2.4			NA			NA			0.12	0.14	0.12	0.38		
G2	8/10/2019	Mid-Ebb	Fine	Moderate	10:24	12	S	1	2	8.02	8.02	28.07	28.06	29.52	29.53	85.7	85.8	5.59	5.60		2.5	2.5		NA	NA		NA	NA		0.12	0.14	0.12	0.38	0.38	
G2	8/10/2019	Mid-Ebb	Fine	Moderate	10:24	12	S	1	3											5.49										0.12	0.14	0.12	0.38		
G2	8/10/2019	Mid-Ebb	Fine	Moderate	10:24	12	M	6	1	8.02		28.36		29.33		82.4		5.38			3.2			NA			NA			0.11	0.14	0.11	0.36		
G2	8/10/2019	Mid-Ebb	Fine	Moderate	10:24	12	M	6	2	8.02	8.02	28.33	28.35	29.34	29.34	82.1	82.3	5.36	5.37		3.1	3.2	3.1	NA	NA	NA	NA	NA	NA	0.11	0.14	0.11	0.36	0.36	0.37
G2	8/10/2019	Mid-Ebb	Fine	Moderate	10:24	12	M	6	3																					0.12	0.14	0.11	0.37		
G2	8/10/2019	Mid-Ebb	Fine	Moderate	10:24	12	B	11	1	8.03		28.64		29.10		78.0		5.09			3.7			NA			NA			0.12	0.15	0.11	0.38		
G2	8/10/2019	Mid-Ebb	Fine	Moderate	10:24	12	B	11	2	8.02	8.03	28.66	28.65	29.09	29.10	77.7	77.9	5.07	5.08		3.8	3.8		NA	NA		NA	NA		0.12	0.15	0.11	0.38	0.38	
G2	8/10/2019	Mid-Ebb	Fine	Moderate	10:24	12	B	11	3																					0.12	0.15	0.11	0.38		
SR4	8/10/2019	Mid-Ebb	Fine	Moderate	10:12	4	S	1	1	8.01		29.00		29.39		81.7		5.32			2.6			0.12			0.007			NA	NA	NA	NA		
SR4	8/10/2019	Mid-Ebb	Fine	Moderate	10:12	4	S	1	2	8.00	8.01	29.02	29.01	29.40	29.40	81.6	81.7	5.31	5.32		2.7	2.7		0.12	0.12		0.007	0.007		NA	NA	NA	NA	NA	
SR4	8/10/2019	Mid-Ebb	Fine	Moderate	10:12	4	S	1	3																					NA	NA	NA	NA		
SR4	8/10/2019	Mid-Ebb	Fine	Moderate	10:12	4	M		1											5.32										NA	NA	NA	NA		
SR4	8/10/2019	Mid-Ebb	Fine	Moderate	10:12	4	M		2		NA		NA		NA		NA		NA			NA	2.7		NA	0.13		NA	0.008	NA	NA	NA	NA	NA	NA
SR4	8/10/2019	Mid-Ebb	Fine	Moderate	10:12	4	M		3																					NA	NA	NA	NA		
SR4	8/10/2019	Mid-Ebb	Fine	Moderate	10:12	4	B	3	1	8.01		29.14		29.29		80.4		5.24			2.8			0.13			0.008			NA	NA	NA	NA		
SR4	8/10/2019	Mid-Ebb	Fine	Moderate	10:12	4	B	3	2	8.01	8.01	29.13	29.14	29.28	29.29	80.7	80.6	5.26	5.25		2.7	2.8		0.13	0.13		0.008	0.008		NA	NA	NA	NA	NA	
SR4	8/10/2019	Mid-Ebb	Fine	Moderate	10:12	4	B	3	3																					NA	NA	NA	NA		
SR5	8/10/2019	Mid-Ebb	Fine	Moderate	10:40	11	S	1	1	7.99		27.73		29.46		85.8		5.62			2.3			NA			NA			0.11	0.17	0.13	0.41		
SR5	8/10/2019	Mid-Ebb	Fine	Moderate	10:40	11	S	1	2	8.00	8.00	27.70	27.72	29.45	29.46	85.5	85.7	5.60	5.61		2.2	2.3		NA	NA		NA	NA		0.11	0.17	0.13	0.41	0.41	
SR5	8/10/2019	Mid-Ebb	Fine	Moderate	10:40	11	S	1	3											5.48										0.11	0.17	0.13	0.41		
SR5	8/10/2019	Mid-Ebb	Fine	Moderate	10:40	11	M	5.5	1	8.02		27.93		29.32		81.6		5.34			2.7			NA			NA			0.11	0.17	0.14	0.42		
SR5	8/10/2019	Mid-Ebb	Fine	Moderate	10:40	11	M	5.5	2	8.01	8.02	27.96	27.95	29.31	29.32	81.9	81.8	5.36	5.35		2.8	2.8	2.9	NA	NA	NA	NA	NA	NA	0.12	0.17	0.14	0.43	0.42	0.42
SR5	8/10/2019	Mid-Ebb	Fine	Moderate	10:40	11	M	5.5	3																					0.11	0.17	0.14	0.42		
SR5	8/10/2019	Mid-Ebb	Fine	Moderate	10:40	11	B	10	1	8.02		28.20		29.20		78.8		5.16			3.6			NA			NA			0.12	0.18	0.14	0.44		
SR5	8/10/2019	Mid-Ebb	Fine	Moderate	10:40	11	B	10	2	8.02	8.02	28.16	28.18	29.19	29.20	79.1	79.0	5.19	5.18		3.5	3.6		NA	NA		NA	NA		0.12	0.18	0.14	0.44	0.44	
SR5	8/10/2019	Mid-Ebb	Fine	Moderate	10:40	11	B	10	3																					0.12	0.18	0.14	0.44		
SR12	8/10/2019	Mid-Ebb	Fine	Moderate	9:47	15	S	1	1	7.99		29.65		29.32		77.6		5.04			2.7			0.18			0.010			NA	NA	NA	NA		
SR12	8/10/2019	Mid-Ebb	Fine	Moderate	9:47	15	S	1	2	7.99	7.99	29.67	29.66	29.30	29.31	77.3	77.5	5.02	5.03		2.9	2.8		0.19	0.19		0.011	0.011		NA	NA	NA	NA	NA	
SR12	8/10/2019	Mid-Ebb	Fine	Moderate	9:47	15	S	1	3											4.89										NA	NA	NA	NA		
SR12	8/10/2019	Mid-Ebb	Fine	Moderate	9:47	15	M	7.5	1	8.01		29.82		29.20		73.2		4.75			3.3			0.20			0.012			NA	NA	NA	NA		
SR12	8/10/2019	Mid-Ebb	Fine	Moderate	9:47	15	M	7.5	2	8.00	8.01	29.86	29.84	29.19	29.20	73.0	73.1	4.74	4.75		3.4	3.4	3.3	0.21	0.21	0.19	0.012	0.012	0.011	NA	NA	NA	NA	NA	NA
SR12	8/10/2019	Mid-Ebb	Fine	Moderate	9:47	15	M	7.5	3																					NA	NA	NA	NA		
SR12	8/10/2019	Mid-Ebb	Fine	Moderate	9:47	15	B	14	1	8.02		30.10		29.11		69.8		4.53			3.8			0.19			0.011			NA	NA	NA	NA		
SR12	8/10/2019	Mid-Ebb	Fine	Moderate	9:47	15	B	14	2	8.02	8.02	30.09	30.10	29.12	29.12	69.7	69.8	4.52	4.53		3.9	3.9		0.19	0.19		0.011	0.011		NA	NA	NA	NA	NA	
SR12	8/10/2019	Mid-Ebb	Fine	Moderate	9:47	15	B	14	3																					NA	NA	NA	NA		
SR13	8/10/2019	Mid-Ebb	Fine	Moderate	9:23	14	S	1	1	7.98		30.11		29.49		71.3		4.61			2.9			NA			NA			NA	NA	NA	NA		
SR13	8/10/2019	Mid-Ebb	Fine	Moderate	9:23	14	S	1	2	7.98	7.98	30.14	30.13	29.48	29.49	71.0	71.2	4.59	4.60		2.8	2.9		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	8/10/2019	Mid-Ebb	Fine	Moderate	9:23	14	S	1	3											4.46										NA	NA	NA	NA		
SR13	8/10/2019	Mid-Ebb	Fine	Moderate	9:23	14	M	7	1	7.99		30.42		29.30		67.0		4.33			3.3			NA			NA			NA	NA	NA	NA		
SR13	8/10/2019	Mid-Ebb	Fine	Moderate	9:23	14	M	7	2	8.01	8.00	30.41	30.42	29.31	29.31	66.8	66.9	4.31	4.32		3.2	3.3	3.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	8/10/2019	Mid-Ebb	Fine	Moderate	9:23	14	M	7	3																					NA	NA	NA	NA		
SR13	8/10/2019	Mid-Ebb	Fine	Moderate	9:23	14	B	13	1	8.01		30.80		29.18		63.0		4.07			4.0			NA			NA			NA	NA	NA	NA		
SR13	8/10/2019	Mid-Ebb	Fine	Moderate	9:23	14	B	13	2	8.01	8.01	30.79	30.80	29.17	29.18	62.7	62.9	4.05	4.06		3.9	4.0		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	8/10/2019	Mid-Ebb	Fine	Moderate	9:23	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 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	8/10/2019	Mid-Ebb	Fine	Moderate	11:02	28	S	1	1	5			0.11			0.006			0.11	0.16	0.13	0.40			2			NA			<1		
C1A	8/10/2019	Mid-Ebb	Fine	Moderate	11:02	28	S	1	2	4	5		0.11	0.11		0.006	0.006		0.11	0.16	0.13	0.40	0.40		1	1		NA	NA		<1	1	
C1A	8/10/2019	Mid-Ebb	Fine	Moderate	11:02	28	S	1	3										0.09	0.17	0.13	0.39											
C1A	8/10/2019	Mid-Ebb	Fine	Moderate	11:02	28	M	14	1	6			0.10			0.005			0.10	0.16	0.13	0.39			2			NA			<1		
C1A	8/10/2019	Mid-Ebb	Fine	Moderate	11:02	28	M	14	2	6	6	5	0.11	0.11	0.11	0.006	0.006	0.006	0.11	0.17	0.13	0.41	0.40	0.40	2	2	1	NA	NA	NA	<1	1	1
C1A	8/10/2019	Mid-Ebb	Fine	Moderate	11:02	28	M	14	3										0.10	0.16	0.13	0.39											
C1A	8/10/2019	Mid-Ebb	Fine	Moderate	11:02	28	B	27	1	4			0.11			0.006			0.11	0.16	0.13	0.40			1			NA			<1		
C1A	8/10/2019	Mid-Ebb	Fine	Moderate	11:02	28	B	27	2	4	4		0.09	0.10		0.005	0.006		0.09	0.17	0.13	0.39	0.40		1	1		NA	NA		<1	1	
C1A	8/10/2019	Mid-Ebb	Fine	Moderate	11:02	28	B	27	3										0.12	0.17	0.13	0.42											
C2A	8/10/2019	Mid-Ebb	Fine	Moderate	9:00	13	S	1	1	7			0.30			0.015			0.30	0.08	0.06	0.44			240			NA			<1		
C2A	8/10/2019	Mid-Ebb	Fine	Moderate	9:00	13	S	1	2	8	8		0.27	0.29		0.014	0.015		0.27	0.08	0.06	0.41	0.43		210	224		NA	NA		<1	1	
C2A	8/10/2019	Mid-Ebb	Fine	Moderate	9:00	13	S	1	3										0.30	0.08	0.06	0.44											
C2A	8/10/2019	Mid-Ebb	Fine	Moderate	9:00	13	M	6.5	1	9			0.28			0.015			0.28	0.08	0.07	0.43			360			NA			<1		
C2A	8/10/2019	Mid-Ebb	Fine	Moderate	9:00	13	M	6.5	2	8	9	8	0.29	0.29	0.28	0.015	0.015	0.015	0.29	0.08	0.06	0.43	0.42	0.42	190	262	250	NA	NA	NA	<1	1	1
C2A	8/10/2019	Mid-Ebb	Fine	Moderate	9:00	13	M	6.5	3										0.27	0.08	0.06	0.41											
C2A	8/10/2019	Mid-Ebb	Fine	Moderate	9:00	13	B	12	1	7			0.26			0.014			0.26	0.08	0.06	0.40			250			NA			<1		
C2A	8/10/2019	Mid-Ebb	Fine	Moderate	9:00	13	B	12	2	8	8		0.30	0.28		0.016	0.015		0.30	0.08	0.06	0.44	0.42		280	265		NA	NA		<1	1	
C2A	8/10/2019	Mid-Ebb	Fine	Moderate	9:00	13	B	12	3										0.27	0.08	0.06	0.41											
G2	8/10/2019	Mid-Ebb	Fine	Moderate	10:24	12	S	1	1	5			NA			NA			0.12	0.14	0.12	0.38			NA			NA			NA		
G2	8/10/2019	Mid-Ebb	Fine	Moderate	10:24	12	S	1	2	5	5		NA	NA		NA	NA		0.11	0.14	0.12	0.37	0.38		NA	NA		NA	NA		NA	NA	
G2	8/10/2019	Mid-Ebb	Fine	Moderate	10:24	12	S	1	3										0.12	0.14	0.12	0.38											
G2	8/10/2019	Mid-Ebb	Fine	Moderate	10:24	12	M	6	1	7			NA			NA			0.10	0.14	0.11	0.35			NA			NA			NA		
G2	8/10/2019	Mid-Ebb	Fine	Moderate	10:24	12	M	6	2	7	7	6	NA	NA	NA	NA	NA	NA	0.11	0.14	0.11	0.36	0.36	0.37	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	8/10/2019	Mid-Ebb	Fine	Moderate	10:24	12	M	6	3										0.12	0.14	0.11	0.37											
G2	8/10/2019	Mid-Ebb	Fine	Moderate	10:24	12	B	11	1	5			NA			NA			0.11	0.14	0.12	0.37			NA			NA			NA		
G2	8/10/2019	Mid-Ebb	Fine	Moderate	10:24	12	B	11	2	5	5		NA	NA		NA	NA		0.12	0.15	0.11	0.38	0.38		NA	NA		NA	NA		NA	NA	
G2	8/10/2019	Mid-Ebb	Fine	Moderate	10:24	12	B	11	3										0.12	0.15	0.11	0.38											
SR4	8/10/2019	Mid-Ebb	Fine	Moderate	10:12	4	S	1	1	5			0.12			0.007			NA	NA	NA	NA			44			NA			<1		
SR4	8/10/2019	Mid-Ebb	Fine	Moderate	10:12	4	S	1	2	4	5		0.11	0.12		0.007	0.007		NA	NA	NA	NA	NA		47	45		NA	NA		<1	1	
SR4	8/10/2019	Mid-Ebb	Fine	Moderate	10:12	4	S	1	3										NA	NA	NA	NA											
SR4	8/10/2019	Mid-Ebb	Fine	Moderate	10:12	4	M		1										NA	NA	NA	NA											
SR4	8/10/2019	Mid-Ebb	Fine	Moderate	10:12	4	M		2		NA	5		NA	0.12		NA	0.007	NA	NA	NA	NA	NA	NA		NA	38		NA	NA		NA	1
SR4	8/10/2019	Mid-Ebb	Fine	Moderate	10:12	4	M		3										NA	NA	NA	NA											
SR4	8/10/2019	Mid-Ebb	Fine	Moderate	10:12	4	B	3	1	5			0.13			0.008			NA	NA	NA	NA			35			NA			<1		
SR4	8/10/2019	Mid-Ebb	Fine	Moderate	10:12	4	B	3	2	5	5		0.12	0.13		0.007	0.008		NA	NA	NA	NA	NA		29	32		NA	NA		<1	1	
SR4	8/10/2019	Mid-Ebb	Fine	Moderate	10:12	4	B	3	3										NA	NA	NA	NA											
SR5	8/10/2019	Mid-Ebb	Fine	Moderate	10:40	11	S	1	1	5			NA			NA			0.10	0.17	0.13	0.40			NA			NA			NA		
SR5	8/10/2019	Mid-Ebb	Fine	Moderate	10:40	11	S	1	2	4	5		NA	NA		NA	NA		0.11	0.17	0.13	0.41	0.41		NA	NA		NA	NA		NA	NA	
SR5	8/10/2019	Mid-Ebb	Fine	Moderate	10:40	11	S	1	3										0.11	0.17	0.13	0.41											
SR5	8/10/2019	Mid-Ebb	Fine	Moderate	10:40	11	M	5.5	1	5			NA			NA			0.10	0.16	0.13	0.39			NA			NA			NA		
SR5	8/10/2019	Mid-Ebb	Fine	Moderate	10:40	11	M	5.5	2	5	5	5	NA	NA	NA	NA	NA	NA	0.13	0.16	0.13	0.42	0.40	0.40	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	8/10/2019	Mid-Ebb	Fine	Moderate	10:40	11	M	5.5	3										0.10	0.16	0.13	0.39											
SR5	8/10/2019	Mid-Ebb	Fine	Moderate	10:40	11	B	10	1	5			NA			NA			0.11	0.16	0.13	0.40			NA			NA			NA		
SR5	8/10/2019	Mid-Ebb	Fine	Moderate	10:40	11	B	10	2	5	5		NA	NA		NA	NA		0.09	0.16	0.13	0.38	0.39		NA	NA		NA	NA		NA	NA	
SR5	8/10/2019	Mid-Ebb	Fine	Moderate	10:40	11	B	10	3										0.11	0.16	0.13	0.40											
SR12	8/10/2019	Mid-Ebb	Fine	Moderate	9:47	15	S	1	1	6			0.20			0.011			NA	NA	NA	NA			140			NA			<1		
SR12	8/10/2019	Mid-Ebb	Fine	Moderate	9:47	15	S	1	2	6	6		0.18	0.19		0.010	0.011		NA	NA	NA	NA	NA		150	145		NA	NA		<1	1	
SR12	8/10/2019	Mid-Ebb	Fine	Moderate	9:47	15	S	1	3										NA	NA	NA	NA											
SR12	8/10/2019	Mid-Ebb	Fine	Moderate	9:47	15	M	7.5	1	13			0.20			0.012			NA	NA	NA	NA			120			NA			<1		
SR12	8/10/2019	Mid-Ebb	Fine	Moderate	9:47	15	M	7.5	2	13	13	8	0.19	0.20	0.19	0.011	0.011	0.011	NA	NA	NA	NA	NA	NA	110	115	137	NA	NA	NA	<1	1	1
SR12	8/10/2019	Mid-Ebb	Fine	Moderate	9:47	15	M	7.5	3										NA	NA	NA	NA											
SR12	8/10/2019	Mid-Ebb	Fine	Moderate	9:47	15	B	14	1	6			0.19			0.011			NA	NA	NA	NA			170			NA			<1		
SR12	8/10/2019	Mid-Ebb	Fine	Moderate	9:47	15	B	14	2	6	6		0.18	0.19		0.011	0.011		NA	NA	NA	NA	NA		140	154		NA	NA		<1	1	
SR12	8/10/2019	Mid-Ebb	Fine	Moderate	9:47	15	B	14	3										NA	NA	NA	NA											
SR13	8/10/2019	Mid-Ebb	Fine	Moderate	9:23	14	S	1	1	9			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	8/10/2019	Mid-Ebb	Fine	Moderate	9:23	14	S	1	2	8	9		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	8/10/2019	Mid-Ebb	Fine	Moderate	9:23	14	S	1	3										NA	NA	NA	NA											
SR13	8/10/2019	Mid-Ebb	Fine	Moderate	9:23	14	M	7	1	9			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	8/10/2019	Mid-Ebb	Fine	Moderate	9:23	14	M	7	2	8	9	8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	8/10/2019	Mid-Ebb	Fine	Moderate	9:23	14	M	7	3										NA	NA	NA	NA											
SR13	8/10/2019	Mid-Ebb	Fine	Moderate	9:23	14	B	13	1	7			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	8/10/2019	Mid-Ebb	Fine	Moderate	9:23	14	B	13	2	7	7		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	8/10/2019	Mid-Ebb	Fine	Moderate	9:23	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 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	Value	Ave.	Depth	Value	Ave.	Depth						
C1A	10/10/2019	Mid-Flood	Fine	Moderate	14:05	28	S	1	1	8.01		29.46		29.20		86.2		5.60			2.4			0.14			0.008			0.14	0.12	0.12	0.38		
C1A	10/10/2019	Mid-Flood	Fine	Moderate	14:05	28	S	1	2	8.00	8.01	29.43	29.45	29.19	29.20	86.0	86.1	5.59	5.60		2.3	2.4		0.14	0.14		0.008	0.008		0.14	0.12	0.12	0.38	0.38	
C1A	10/10/2019	Mid-Flood	Fine	Moderate	14:05	28	S	1	3																					0.14	0.12	0.12	0.38		
C1A	10/10/2019	Mid-Flood	Fine	Moderate	14:05	28	M	14	1	8.02		29.89		29.02		80.4		5.23			3.0			0.14			0.008			0.14	0.13	0.12	0.39		
C1A	10/10/2019	Mid-Flood	Fine	Moderate	14:05	28	M	14	2	8.02	8.02	29.93	29.91	29.20	29.11	80.7	80.6	5.25	5.24	5.42	3.2	3.1	3.2	0.14	0.14	0.14	0.008	0.008	0.009	0.14	0.13	0.12	0.39	0.39	0.39
C1A	10/10/2019	Mid-Flood	Fine	Moderate	14:05	28	M	14	3																					0.14	0.13	0.12	0.39		
C1A	10/10/2019	Mid-Flood	Fine	Moderate	14:05	28	B	27	1	8.05		30.30		28.80		76.6		4.98			4.2			0.15			0.009			0.15	0.13	0.13	0.41		
C1A	10/10/2019	Mid-Flood	Fine	Moderate	14:05	28	B	27	2	8.04	8.05	30.33	30.32	28.81	28.81	76.2	76.4	4.95	4.97		4.3	4.3		0.15	0.15		0.009	0.009		0.15	0.13	0.13	0.41	0.41	
C1A	10/10/2019	Mid-Flood	Fine	Moderate	14:05	28	B	27	3																					0.15	0.13	0.13	0.41		
C2A	10/10/2019	Mid-Flood	Fine	Moderate	16:23	13	S	1	1	8.00		30.86		29.16		75.4		4.87			2.2			0.20			0.012			0.20	0.08	0.07	0.35		
C2A	10/10/2019	Mid-Flood	Fine	Moderate	16:23	13	S	1	2	8.01	8.01	30.89	30.88	29.15	29.16	75.2	75.3	4.85	4.86		2.4	2.3		0.21	0.21		0.012	0.012		0.21	0.08	0.07	0.36	0.35	
C2A	10/10/2019	Mid-Flood	Fine	Moderate	16:23	13	S	1	3																					0.20	0.08	0.07	0.35		
C2A	10/10/2019	Mid-Flood	Fine	Moderate	16:23	13	M	6.5	1	8.02		31.27		29.03		72.7		4.69			2.9			0.23			0.014			0.23	0.08	0.07	0.38		
C2A	10/10/2019	Mid-Flood	Fine	Moderate	16:23	13	M	6.5	2	8.01	8.02	31.31	31.29	29.02	29.03	72.4	72.6	4.67	4.68	4.77	3.0	3.0	2.9	0.22	0.23	0.22	0.013	0.013	0.013	0.22	0.08	0.07	0.37	0.38	0.38
C2A	10/10/2019	Mid-Flood	Fine	Moderate	16:23	13	M	6.5	3																					0.24	0.08	0.07	0.39		
C2A	10/10/2019	Mid-Flood	Fine	Moderate	16:23	13	B	12	1	8.03		31.69		28.88		69.8		4.50			3.5			0.22			0.013			0.22	0.10	0.08	0.40		
C2A	10/10/2019	Mid-Flood	Fine	Moderate	16:23	13	B	12	2	8.02	8.03	31.72	31.71	28.88	28.88	69.5	69.7	4.47	4.49		3.4	3.5		0.23	0.23		0.014	0.013		0.23	0.09	0.08	0.40	0.40	
C2A	10/10/2019	Mid-Flood	Fine	Moderate	16:23	13	B	12	3																					0.23	0.10	0.08	0.41		
G2	10/10/2019	Mid-Flood	Fine	Moderate	14:55	12	S	1	1	7.99		29.66		29.14		82.2		5.33			2.5			NA			NA			0.14	0.11	0.11	0.36		
G2	10/10/2019	Mid-Flood	Fine	Moderate	14:55	12	S	1	2	7.98	7.99	29.64	29.65	29.14	29.14	82.0	82.1	5.31	5.32		2.4	2.5		NA	NA		NA	NA		0.14	0.11	0.11	0.36	0.36	
G2	10/10/2019	Mid-Flood	Fine	Moderate	14:55	12	S	1	3																					0.14	0.11	0.11	0.36		
G2	10/10/2019	Mid-Flood	Fine	Moderate	14:55	12	M	6	1	7.99		29.90		29.03		79.1		5.13			3.1			NA			NA			0.15	0.11	0.11	0.37		
G2	10/10/2019	Mid-Flood	Fine	Moderate	14:55	12	M	6	2	8.00	8.00	29.87	29.89	29.04	29.04	78.9	79.0	5.10	5.12	5.22	3.0	3.1	3.0	NA	NA	NA	NA	NA	NA	0.16	0.11	0.11	0.38	0.37	0.38
G2	10/10/2019	Mid-Flood	Fine	Moderate	14:55	12	M	6	3																					0.15	0.11	0.11	0.37		
G2	10/10/2019	Mid-Flood	Fine	Moderate	14:55	12	B	11	1	8.02		30.21		28.89		74.5		4.83			3.4			NA			NA			0.16	0.12	0.12	0.40		
G2	10/10/2019	Mid-Flood	Fine	Moderate	14:55	12	B	11	2	8.01	8.02	30.24	30.23	28.90	28.90	74.7	74.6	4.85	4.84		3.5	3.5		NA	NA		NA	NA		0.16	0.13	0.12	0.41	0.40	
G2	10/10/2019	Mid-Flood	Fine	Moderate	14:55	12	B	11	3																					0.16	0.12	0.12	0.40		
SR4	10/10/2019	Mid-Flood	Fine	Moderate	15:12	4	S	1	1	8.01		30.23		29.10		74.4		4.79			2.4			0.15			0.009			NA	NA	NA	NA		
SR4	10/10/2019	Mid-Flood	Fine	Moderate	15:12	4	S	1	2	8.00	8.01	30.20	30.22	29.09	29.10	74.1	74.3	4.77	4.78		2.5	2.5		0.15	0.15		0.009	0.009		NA	NA	NA	NA	NA	
SR4	10/10/2019	Mid-Flood	Fine	Moderate	15:12	4	S	1	3																					NA	NA	NA	NA		
SR4	10/10/2019	Mid-Flood	Fine	Moderate	15:12	4	M		1											4.78										NA	NA	NA	NA		
SR4	10/10/2019	Mid-Flood	Fine	Moderate	15:12	4	M		2		NA		NA		NA		NA		NA			NA	2.6		NA	0.16		NA	0.009	NA	NA	NA	NA	NA	NA
SR4	10/10/2019	Mid-Flood	Fine	Moderate	15:12	4	M		3																					NA	NA	NA	NA		
SR4	10/10/2019	Mid-Flood	Fine	Moderate	15:12	4	B	3	1	8.01		30.39		29.00		72.8		4.69			2.7			0.16			0.009			NA	NA	NA	NA		
SR4	10/10/2019	Mid-Flood	Fine	Moderate	15:12	4	B	3	2	8.01	8.01	30.42	30.41	29.01	29.01	73.0	72.9	4.71	4.70		2.6	2.7		0.16	0.16		0.009	0.009		NA	NA	NA	NA	NA	
SR4	10/10/2019	Mid-Flood	Fine	Moderate	15:12	4	B	3	3																					NA	NA	NA	NA		
SR5	10/10/2019	Mid-Flood	Fine	Moderate	14:29	11	S	1	1	8.01		29.21		29.17		80.2		5.18			2.3			NA			NA			0.16	0.12	0.11	0.39		
SR5	10/10/2019	Mid-Flood	Fine	Moderate	14:29	11	S	1	2	8.00	8.01	29.18	29.20	29.16	29.17	80.5	80.4	5.20	5.19		2.2	2.3		NA	NA		NA	NA		0.16	0.12	0.11	0.39	0.39	
SR5	10/10/2019	Mid-Flood	Fine	Moderate	14:29	11	S	1	3																					0.16	0.12	0.11	0.39		
SR5	10/10/2019	Mid-Flood	Fine	Moderate	14:29	11	M	5.5	1	8.01		29.49		29.10		77.3		4.99			2.6			NA			NA			0.16	0.12	0.11	0.39		
SR5	10/10/2019	Mid-Flood	Fine	Moderate	14:29	11	M	5.5	2	8.01	8.01	28.52	29.01	29.09	29.10	77.5	77.4	5.01	5.00	5.10	2.7	2.7	2.7	NA	NA	NA	NA	NA	NA	0.16	0.12	0.11	0.39	0.39	0.40
SR5	10/10/2019	Mid-Flood	Fine	Moderate	14:29	11	M	5.5	3																					0.16	0.12	0.11	0.39		
SR5	10/10/2019	Mid-Flood	Fine	Moderate	14:29	11	B	10	1	8.02		29.80		29.00		72.4		4.68			3.3			NA			NA			0.16	0.13	0.12	0.41		
SR5	10/10/2019	Mid-Flood	Fine	Moderate	14:29	11	B	10	2	8.01	8.02	29.78	29.79	28.99	29.00	72.7	72.6	4.70	4.69		3.2	3.3		NA	NA		NA	NA		0.16	0.13	0.12	0.41	0.41	
SR5	10/10/2019	Mid-Flood	Fine	Moderate	14:29	11	B	10	3																					0.17	0.13	0.12	0.42		
SR12	10/10/2019	Mid-Flood	Fine	Moderate	15:35	15	S	1	1	8.02		28.90		29.14		79.8		5.18			2.2			0.16			0.010			NA	NA	NA	NA		
SR12	10/10/2019	Mid-Flood	Fine	Moderate	15:35	15	S	1	2	8.01	8.02	28.88	28.89	29.13	29.14	79.6	79.7	5.16	5.17		2.4	2.3		0.16	0.16		0.010	0.010		NA	NA	NA	NA	NA	
SR12	10/10/2019	Mid-Flood	Fine	Moderate	15:35	15	S	1	3																					NA	NA	NA	NA		
SR12	10/10/2019	Mid-Flood	Fine	Moderate	15:35	15	M	7.5	1	8.02		29.12		29.00		75.0		4.87			2.9			0.17			0.010			NA	NA	NA	NA		
SR12	10/10/2019	Mid-Flood	Fine	Moderate	15:35	15	M	7.5	2	8.02	8.02	29.16	29.14	28.99	29.00	75.3	75.2	4.89	4.88	5.03	3.0	3.0	2.9	0.17	0.17	0.16	0.010	0.010	0.010	NA	NA	NA	NA	NA	NA
SR12	10/10/2019	Mid-Flood	Fine	Moderate	15:35	15	M	7.5	3																					NA	NA	NA	NA		
SR12	10/10/2019	Mid-Flood	Fine	Moderate	15:35	15	B	14	1	8.03		29.33		28.82		71.1		4.61			3.5			0.16			0.010			NA	NA	NA	NA		
SR12	10/10/2019	Mid-Flood	Fine	Moderate	15:35	15	B	14	2	8.02	8.03	29.30	29.32	28.83	28.83	70.8	71.0	4.59	4.60		3.6	3.6		0.16	0.16		0.010	0.010		NA	NA	NA	NA	NA	
SR12	10/10/2019	Mid-Flood	Fine	Moderate	15:35	15	B	14	3																					NA	NA	NA	NA		
SR13	10/10/2019	Mid-Flood	Fine	Moderate	15:59	14	S	1	1	7.99		30.20		29.03		70.0		4.55			2.5			NA			NA			NA	NA	NA	NA		
SR13	10/10/2019	Mid-Flood	Fine	Moderate	15:59	14	S	1	2	8.00	8.00	30.24	30.22	29.02	29.03	70.2	70.1	4.57	4.56		2.4	2.5		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	10/10/2019	Mid-Flood	Fine	Moderate	15:59	14	S	1	3																					NA	NA	NA	NA		
SR13	10/10/2019	Mid-Flood	Fine	Moderate	15:59	14	M	7	1	8.01		30.51		28.89		66.3		4.31			3.2			NA			NA			NA	NA	NA	NA		
SR13	10/10/2019	Mid-Flood	Fine	Moderate	15:59	14	M	7	2	8.00	8.01	30.48	30.50	28.89	28.89	66.5	66.4	4.32	4.32	4.44	3.1	3.2	3.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	10/10/2019	Mid-Flood	Fine	Moderate	15:59	14	M	7	3																					NA	NA	NA	NA		
SR13	10/10/2019	Mid-Flood	Fine	Moderate	15:59	14	B	13	1	8.02		30.76		28.78		62.1		4.04			3.8			NA			NA			NA	NA	NA	NA		
SR13	10/10/2019	Mid-Flood	Fine	Moderate	15:59	14	B	13	2	8.01	8.02	30.79	30.78	28.77	28.78	61.9	62.0	4.02	4.03		3.7	3.8		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	10/10/2019	Mid-Flood	Fine	Moderate	15:59	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 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	10/10/2019	Mid-Flood	Fine	Moderate	14:05	28	S	1	1	6			0.15			0.009			0.15	0.12	0.12	0.39			190			NA			<1		
C1A	10/10/2019	Mid-Flood	Fine	Moderate	14:05	28	S	1	2	7	7		0.14	0.15		0.008	0.009		0.14	0.12	0.12	0.38	0.39		220	204		NA	NA		<1	1	
C1A	10/10/2019	Mid-Flood	Fine	Moderate	14:05	28	S	1	3										0.14	0.13	0.12	0.39											
C1A	10/10/2019	Mid-Flood	Fine	Moderate	14:05	28	M	14	1	6			0.14			0.008			0.14	0.13	0.12	0.39			120			NA			<1		
C1A	10/10/2019	Mid-Flood	Fine	Moderate	14:05	28	M	14	2	7	7	6	0.13	0.14	0.14	0.008	0.008	0.009	0.13	0.13	0.12	0.38	0.39	0.39	150	134	182	NA	NA	NA	<1	1	1
C1A	10/10/2019	Mid-Flood	Fine	Moderate	14:05	28	M	14	3										0.14	0.13	0.12	0.39											
C1A	10/10/2019	Mid-Flood	Fine	Moderate	14:05	28	B	27	1	5			0.14			0.009			0.14	0.13	0.12	0.39			240			NA			<1		
C1A	10/10/2019	Mid-Flood	Fine	Moderate	14:05	28	B	27	2	6	6		0.15	0.15		0.009	0.009		0.15	0.13	0.12	0.40	0.39		200	219		NA	NA		<1	1	
C1A	10/10/2019	Mid-Flood	Fine	Moderate	14:05	28	B	27	3										0.14	0.13	0.12	0.39											
C2A	10/10/2019	Mid-Flood	Fine	Moderate	16:23	13	S	1	1	5			0.20			0.012			0.20	0.08	0.07	0.35			180			NA			1		
C2A	10/10/2019	Mid-Flood	Fine	Moderate	16:23	13	S	1	2	5	5		0.22	0.21		0.013	0.012		0.22	0.08	0.07	0.37	0.35		210	194		NA	NA		1	1	
C2A	10/10/2019	Mid-Flood	Fine	Moderate	16:23	13	S	1	3										0.19	0.08	0.07	0.34											
C2A	10/10/2019	Mid-Flood	Fine	Moderate	16:23	13	M	6.5	1	5			0.26			0.015			0.26	0.08	0.07	0.41			210			NA			1		
C2A	10/10/2019	Mid-Flood	Fine	Moderate	16:23	13	M	6.5	2	4	5	5	0.19	0.23	0.22	0.011	0.013	0.013	0.19	0.08	0.07	0.34	0.37	0.36	150	177	162	NA	NA	NA	1	1	1
C2A	10/10/2019	Mid-Flood	Fine	Moderate	16:23	13	M	6.5	3										0.21	0.08	0.07	0.36											
C2A	10/10/2019	Mid-Flood	Fine	Moderate	16:23	13	B	12	1	6			0.19			0.011			0.19	0.08	0.07	0.34			140			NA			1		
C2A	10/10/2019	Mid-Flood	Fine	Moderate	16:23	13	B	12	2	6	6		0.25	0.22		0.015	0.013		0.25	0.08	0.07	0.40	0.36		110	124		NA	NA		1	1	
C2A	10/10/2019	Mid-Flood	Fine	Moderate	16:23	13	B	12	3										0.19	0.08	0.07	0.34											
G2	10/10/2019	Mid-Flood	Fine	Moderate	14:55	12	S	1	1	7			NA			NA			0.14	0.11	0.11	0.36			NA			NA			NA		
G2	10/10/2019	Mid-Flood	Fine	Moderate	14:55	12	S	1	2	6	7		NA	NA		NA	NA		0.13	0.11	0.11	0.35	0.36		NA	NA		NA	NA		NA	NA	
G2	10/10/2019	Mid-Flood	Fine	Moderate	14:55	12	S	1	3										0.14	0.11	0.11	0.36											
G2	10/10/2019	Mid-Flood	Fine	Moderate	14:55	12	M	6	1	7			NA			NA			0.15	0.11	0.11	0.37			NA			NA			NA		
G2	10/10/2019	Mid-Flood	Fine	Moderate	14:55	12	M	6	2	8	8	7	NA	NA	NA	NA	NA	NA	0.16	0.12	0.11	0.39	0.38	0.37	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	10/10/2019	Mid-Flood	Fine	Moderate	14:55	12	M	6	3										0.16	0.12	0.11	0.39											
G2	10/10/2019	Mid-Flood	Fine	Moderate	14:55	12	B	11	1	6			NA			NA			0.14	0.11	0.11	0.36			NA			NA			NA		
G2	10/10/2019	Mid-Flood	Fine	Moderate	14:55	12	B	11	2	6	6		NA	NA		NA	NA		0.14	0.11	0.11	0.36	0.37		NA	NA		NA	NA		NA	NA	
G2	10/10/2019	Mid-Flood	Fine	Moderate	14:55	12	B	11	3										0.16	0.11	0.11	0.38											
SR4	10/10/2019	Mid-Flood	Fine	Moderate	15:12	4	S	1	1	8			0.16			0.009			NA	NA	NA	NA			470			NA			<1		
SR4	10/10/2019	Mid-Flood	Fine	Moderate	15:12	4	S	1	2	8	8		0.15	0.16		0.009	0.009		NA	NA	NA	NA	NA		390	428		NA	NA		<1	1	
SR4	10/10/2019	Mid-Flood	Fine	Moderate	15:12	4	S	1	3										NA	NA	NA	NA											
SR4	10/10/2019	Mid-Flood	Fine	Moderate	15:12	4	M		1										NA	NA	NA	NA											
SR4	10/10/2019	Mid-Flood	Fine	Moderate	15:12	4	M		2		NA	8		NA	0.16		NA	0.009	NA	NA	NA	NA	NA	NA		NA	480		NA	NA		NA	1
SR4	10/10/2019	Mid-Flood	Fine	Moderate	15:12	4	M		3										NA	NA	NA	NA											
SR4	10/10/2019	Mid-Flood	Fine	Moderate	15:12	4	B	3	1	8			0.16			0.009			NA	NA	NA	NA			570			NA			<1		
SR4	10/10/2019	Mid-Flood	Fine	Moderate	15:12	4	B	3	2	8	8		0.17	0.17		0.010	0.010		NA	NA	NA	NA	NA		510	539		NA	NA		<1	1	
SR4	10/10/2019	Mid-Flood	Fine	Moderate	15:12	4	B	3	3										NA	NA	NA	NA											
SR5	10/10/2019	Mid-Flood	Fine	Moderate	14:29	11	S	1	1	8			NA			NA			0.16	0.12	0.11	0.39			NA			NA			NA		
SR5	10/10/2019	Mid-Flood	Fine	Moderate	14:29	11	S	1	2	8	8		NA	NA		NA	NA		0.16	0.12	0.11	0.39	0.39		NA	NA		NA	NA		NA	NA	
SR5	10/10/2019	Mid-Flood	Fine	Moderate	14:29	11	S	1	3										0.15	0.12	0.11	0.38											
SR5	10/10/2019	Mid-Flood	Fine	Moderate	14:29	11	M	5.5	1	9			NA			NA			0.16	0.11	0.11	0.38			NA			NA			NA		
SR5	10/10/2019	Mid-Flood	Fine	Moderate	14:29	11	M	5.5	2	9	9	8	NA	NA	NA	NA	NA	NA	0.15	0.11	0.11	0.37	0.38	0.38	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	10/10/2019	Mid-Flood	Fine	Moderate	14:29	11	M	5.5	3										0.15	0.12	0.12	0.39											
SR5	10/10/2019	Mid-Flood	Fine	Moderate	14:29	11	B	10	1	7			NA			NA			0.16	0.12	0.11	0.39			NA			NA			NA		
SR5	10/10/2019	Mid-Flood	Fine	Moderate	14:29	11	B	10	2	7	7		NA	NA		NA	NA		0.16	0.12	0.11	0.39	0.38		NA	NA		NA	NA		NA	NA	
SR5	10/10/2019	Mid-Flood	Fine	Moderate	14:29	11	B	10	3										0.14	0.12	0.11	0.37											
SR12	10/10/2019	Mid-Flood	Fine	Moderate	15:35	15	S	1	1	9			0.16			0.010			NA	NA	NA	NA			17			NA			<1		
SR12	10/10/2019	Mid-Flood	Fine	Moderate	15:35	15	S	1	2	10	10		0.16	0.16		0.010	0.010		NA	NA	NA	NA	NA		18	17		NA	NA		<1	1	
SR12	10/10/2019	Mid-Flood	Fine	Moderate	15:35	15	S	1	3										NA	NA	NA	NA											
SR12	10/10/2019	Mid-Flood	Fine	Moderate	15:35	15	M	7.5	1	10			0.16			0.010			NA	NA	NA	NA			18			NA			<1		
SR12	10/10/2019	Mid-Flood	Fine	Moderate	15:35	15	M	7.5	2	11	11	9	0.17	0.17	0.16	0.010	0.010	0.010	NA	NA	NA	NA	NA	NA	15	16	19	NA	NA	NA	<1	1	1
SR12	10/10/2019	Mid-Flood	Fine	Moderate	15:35	15	M	7.5	3										NA	NA	NA	NA											
SR12	10/10/2019	Mid-Flood	Fine	Moderate	15:35	15	B	14	1	7			0.16			0.010			NA	NA	NA	NA			27			NA			<1		
SR12	10/10/2019	Mid-Flood	Fine	Moderate	15:35	15	B	14	2	8	8		0.16	0.16		0.010	0.010		NA	NA	NA	NA	NA		21	24		NA	NA		<1	1	
SR12	10/10/2019	Mid-Flood	Fine	Moderate	15:35	15	B	14	3										NA	NA	NA	NA											
SR13	10/10/2019	Mid-Flood	Fine	Moderate	15:59	14	S	1	1	5			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	10/10/2019	Mid-Flood	Fine	Moderate	15:59	14	S	1	2	6	6		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	10/10/2019	Mid-Flood	Fine	Moderate	15:59	14	S	1	3										NA	NA	NA	NA											
SR13	10/10/2019	Mid-Flood	Fine	Moderate	15:59	14	M	7	1	8			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	10/10/2019	Mid-Flood	Fine	Moderate	15:59	14	M	7	2	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	10/10/2019	Mid-Flood	Fine	Moderate	15:59	14	M	7	3										NA	NA	NA	NA											
SR13	10/10/2019	Mid-Flood	Fine	Moderate	15:59	14	B	13	1	6			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	10/10/2019	Mid-Flood	Fine	Moderate	15:59	14	B	13	2	7	7		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	10/10/2019	Mid-Flood	Fine	Moderate	15:59	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 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-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth	Value	Ave.	Depth	Value	Ave.	Depth	Value	Value	Value	Value	Ave.	Depth
C1A	10/10/2019	Mid-Ebb	Fine	Moderate	13:08	28	S	1	1	8.00	8.01	29.30	29.33	29.90	29.59	88.0	87.9	5.68	5.67	5.50	2.7	2.7	3.4	0.14	0.14	0.15	0.008	0.008	0.009	0.14	0.13	0.12	0.39	0.39	0.40
C1A	10/10/2019	Mid-Ebb	Fine	Moderate	13:08	28	S	1	2	8.01		29.35		29.28		87.8		5.66			2.6			0.14			0.008			0.14	0.13	0.12	0.39		
C1A	10/10/2019	Mid-Ebb	Fine	Moderate	13:08	28	S	1	3																						0.14	0.13	0.12	0.39		
C1A	10/10/2019	Mid-Ebb	Fine	Moderate	13:08	28	M	14	1	8.02	8.03	29.70	29.72	29.10	29.10	82.4	82.6	5.32	5.34		3.4	3.5		0.14	0.14		0.009	0.009		0.14	0.13	0.12	0.39	0.39	
C1A	10/10/2019	Mid-Ebb	Fine	Moderate	13:08	28	M	14	2	8.03		29.74		29.09		82.8		5.35			3.5			0.14			0.009			0.14	0.13	0.12	0.39		
C1A	10/10/2019	Mid-Ebb	Fine	Moderate	13:08	28	M	14	3																						0.14	0.13	0.12	0.39		
C1A	10/10/2019	Mid-Ebb	Fine	Moderate	13:08	28	B	27	1	8.04	8.04	30.08	30.10	28.92	28.92	76.9	77.1	4.97	4.98		4.2	4.2		0.15	0.16		0.009	0.010		0.15	0.14	0.13	0.42	0.42	
C1A	10/10/2019	Mid-Ebb	Fine	Moderate	13:08	28	B	27	2	8.03		30.11		28.92		77.2		4.99			4.1			0.16			0.010			0.16	0.14	0.13	0.43		
C1A	10/10/2019	Mid-Ebb	Fine	Moderate	13:08	28	B	27	3																						0.15	0.14	0.13	0.42		
C2A	10/10/2019	Mid-Ebb	Fine	Moderate	11:00	13	S	1	1	7.99	8.00	30.80	30.82	29.27	29.27	73.7	73.8	4.76	4.77	4.64	2.4	2.4	2.8	0.19	0.19	0.20	0.011	0.011	0.012	0.19	0.08	0.07	0.34	0.34	0.36
C2A	10/10/2019	Mid-Ebb	Fine	Moderate	11:00	13	S	1	2	8.00		30.84		29.27		73.9		4.78			2.3			0.19			0.011			0.19	0.08	0.07	0.34		
C2A	10/10/2019	Mid-Ebb	Fine	Moderate	11:00	13	S	1	3																						0.19	0.08	0.07	0.34		
C2A	10/10/2019	Mid-Ebb	Fine	Moderate	11:00	13	M	6.5	1	8.01	8.02	31.19	31.21	29.16	29.17	70.0	69.9	4.52	4.51		2.8	2.8		0.21	0.21		0.012	0.012		0.21	0.08	0.07	0.36	0.36	
C2A	10/10/2019	Mid-Ebb	Fine	Moderate	11:00	13	M	6.5	2	8.02		31.22		29.17		69.7		4.50			2.7			0.21			0.012			0.21	0.08	0.07	0.36		
C2A	10/10/2019	Mid-Ebb	Fine	Moderate	11:00	13	M	6.5	3																						0.20	0.08	0.07	0.35		
C2A	10/10/2019	Mid-Ebb	Fine	Moderate	11:00	13	B	12	1	8.02	8.02	31.56	31.55	29.05	29.06	66.4	66.3	4.28	4.27		3.3	3.3		0.21	0.21		0.013	0.013		0.21	0.09	0.08	0.38	0.38	
C2A	10/10/2019	Mid-Ebb	Fine	Moderate	11:00	13	B	12	2	8.02		31.53		29.06		66.1		4.26			3.2			0.21			0.013			0.21	0.09	0.08	0.38		
C2A	10/10/2019	Mid-Ebb	Fine	Moderate	11:00	13	B	12	3																						0.21	0.09	0.08	0.38		
G2	10/10/2019	Mid-Ebb	Fine	Moderate	12:26	12	S	1	1	8.01	8.01	29.37	29.36	29.24	29.24	79.9	80.1	5.19	5.21	5.10	2.6	2.6	3.2	NA	NA	NA	NA	NA	NA	0.15	0.11	0.11	0.37	0.37	0.37
G2	10/10/2019	Mid-Ebb	Fine	Moderate	12:26	12	S	1	2	8.00		29.34		29.23		80.3		5.22			2.5			NA			NA			0.15	0.11	0.11	0.37		
G2	10/10/2019	Mid-Ebb	Fine	Moderate	12:26	12	S	1	3																						0.15	0.11	0.11	0.37		
G2	10/10/2019	Mid-Ebb	Fine	Moderate	12:26	12	M	6	1	8.00	8.01	29.58	29.56	29.09	29.10	76.8	76.9	4.99	5.00		3.3	3.3		NA	NA		NA	NA		0.14	0.12	0.11	0.37	0.37	
G2	10/10/2019	Mid-Ebb	Fine	Moderate	12:26	12	M	6	2	8.01		29.54		29.10		77.0		5.00			3.2			NA			NA			0.14	0.12	0.11	0.37		
G2	10/10/2019	Mid-Ebb	Fine	Moderate	12:26	12	M	6	3																						0.14	0.12	0.11	0.37		
G2	10/10/2019	Mid-Ebb	Fine	Moderate	12:26	12	B	11	1	8.02	8.03	29.80	29.79	29.00	29.00	72.5	72.7	4.71	4.72		3.9	3.9		NA	NA		NA	NA		0.12	0.12	0.12	0.36	0.37	
G2	10/10/2019	Mid-Ebb	Fine	Moderate	12:26	12	B	11	2	8.03		29.77		28.99		72.8		4.73			3.8			NA			NA			0.13	0.12	0.12	0.37		
G2	10/10/2019	Mid-Ebb	Fine	Moderate	12:26	12	B	11	3																						0.13	0.12	0.12	0.37		
SR4	10/10/2019	Mid-Ebb	Fine	Moderate	12:13	4	S	1	1	8.00	8.00	30.51	30.53	29.22	29.22	71.8	71.8	4.65	4.65	4.65	2.3	2.4	2.5	0.19	0.19	0.18	0.011	0.011	0.011	NA	NA	NA	NA	NA	NA
SR4	10/10/2019	Mid-Ebb	Fine	Moderate	12:13	4	S	1	2	7.99		30.54		29.21		71.7		4.64			2.5			0.18			0.010			NA	NA	NA	NA		
SR4	10/10/2019	Mid-Ebb	Fine	Moderate	12:13	4	S	1	3																						NA	NA	NA	NA		
SR4	10/10/2019	Mid-Ebb	Fine	Moderate	12:13	4	M		1		NA		NA		NA		NA		NA			NA			NA			NA		NA	NA	NA	NA	NA	
SR4	10/10/2019	Mid-Ebb	Fine	Moderate	12:13	4	M		2																						NA	NA	NA	NA		
SR4	10/10/2019	Mid-Ebb	Fine	Moderate	12:13	4	M		3																						NA	NA	NA	NA		
SR4	10/10/2019	Mid-Ebb	Fine	Moderate	12:13	4	B	3	1	8.01	8.01	30.66	30.65	29.10	29.11	70.6	70.5	4.57	4.57		2.7	2.7		0.18	0.18		0.010	0.010		NA	NA	NA	NA	NA	
SR4	10/10/2019	Mid-Ebb	Fine	Moderate	12:13	4	B	3	2	8.00		30.63		29.11		70.4		4.56			2.6			0.18			0.010			NA	NA	NA	NA		
SR4	10/10/2019	Mid-Ebb	Fine	Moderate	12:13	4	B	3	3																						NA	NA	NA	NA		
SR5	10/10/2019	Mid-Ebb	Fine	Moderate	12:40	11	S	1	1	8.02	8.02	29.68	29.67	29.25	29.25	78.3	78.5	5.09	5.10	5.01	2.6	2.7	3.4	NA	NA	NA	NA	NA	NA	0.14	0.12	0.11	0.37	0.37	0.37
SR5	10/10/2019	Mid-Ebb	Fine	Moderate	12:40	11	S	1	2	8.01		29.65		29.24		78.6		5.11			2.7			NA			NA			0.14	0.12	0.11	0.37		
SR5	10/10/2019	Mid-Ebb	Fine	Moderate	12:40	11	S	1	3																						0.14	0.12	0.11	0.37		
SR5	10/10/2019	Mid-Ebb	Fine	Moderate	12:40	11	M	5.5	1	8.02	8.02	29.84	29.86	29.14	29.14	73.9	74.1	4.90	4.91		3.3	3.4		NA	NA		NA	NA		0.15	0.12	0.11	0.38	0.38	
SR5	10/10/2019	Mid-Ebb	Fine	Moderate	12:40	11	M	5.5	2	8.02		29.87		29.14		74.2		4.92			3.4			NA			NA			0.15	0.12	0.11	0.38		
SR5	10/10/2019	Mid-Ebb	Fine	Moderate	12:40	11	M	5.5	3																						0.15	0.12	0.11	0.38		
SR5	10/10/2019	Mid-Ebb	Fine	Moderate	12:40	11	B	10	1	8.03	8.03	30.10	30.08	29.02	29.03	70.0	69.9	4.55	4.54		4.1	4.1		NA	NA		NA	NA		0.14	0.10	0.12	0.36	0.36	
SR5	10/10/2019	Mid-Ebb	Fine	Moderate	12:40	11	B	10	2	8.02		30.06		29.03		69.7		4.53			4.0			NA			NA			0.14	0.10	0.12	0.36		
SR5	10/10/2019	Mid-Ebb	Fine	Moderate	12:40	11	B	10	3																						0.14	0.10	0.12	0.36		
SR12	10/10/2019	Mid-Ebb	Fine	Moderate	11:51	15	S	1	1	8.00	8.00	28.64	28.66	29.30	29.30	77.3	77.2	5.00	4.99	4.86	2.4	2.5	3.0	0.16	0.17	0.17	0.009	0.010	0.010	NA	NA	NA	NA	NA	NA
SR12	10/10/2019	Mid-Ebb	Fine	Moderate	11:51	15	S	1	2	7.99		28.68		29.29		77.0		4.98			2.5			0.17			0.010			NA	NA	NA	NA		
SR12	10/10/2019	Mid-Ebb	Fine	Moderate	11:51	15	S	1	3																						NA	NA	NA	NA		
SR12	10/10/2019	Mid-Ebb	Fine	Moderate	11:51	15	M	7.5	1	8.01	8.01	28.88	28.89	29.10	29.10	73.2	73.2	4.74	4.74		2.9	3.0		0.17	0.17		0.010	0.010		NA	NA	NA	NA	NA	
SR12	10/10/2019	Mid-Ebb	Fine	Moderate	11:51	15	M	7.5	2	8.01		28.89		29.09		73.1		4.73			3.0			0.17			0.010			NA	NA	NA	NA		
SR12	10/10/2019	Mid-Ebb	Fine	Moderate	11:51	15	M	7.5	3																						NA	NA	NA	NA		
SR12	10/10/2019	Mid-Ebb	Fine	Moderate	11:51	15	B	14	1	8.01	8.02	29.33	29.32	28.97	28.97	69.4	69.5	4.49	4.50		3.7	3.7		0.18	0.18		0.011	0.011		NA	NA	NA	NA	NA	
SR12	10/10/2019	Mid-Ebb	Fine	Moderate	11:51	15	B	14	2	8.02		29.30		28.96		69.6		4.51			3.6			0.18			0.011			NA	NA	NA	NA		
SR12	10/10/2019	Mid-Ebb	Fine	Moderate	11:51	15	B	14	3																						NA	NA	NA	NA		
SR13	10/10/2019	Mid-Ebb	Fine	Moderate	11:26	14	S	1	1	7.97	7.98	30.57	30.55	29.25	29.25	68.4	68.4	4.43	4.43	4.28	2.6	2.7	3.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	10/10/2019	Mid-Ebb	Fine	Moderate	11:26	14	S	1	2	7.98		30.52		29.24		68.3		4.42			2.8			NA			NA			NA	NA	NA	NA		
SR13	10/10/2019	Mid-Ebb	Fine	Moderate	11:26	14	S	1	3																						NA	NA	NA	NA		
SR13	10/10/2019	Mid-Ebb	Fine	Moderate	11:26	14	M	7	1	7.99	7.99	30.89	30.87	29.10	29.10	64.0	63.9	4.14	4.13		3.3	3.4		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	10/10/2019	Mid-Ebb	Fine	Moderate	11:26	14	M	7	2	7.98		30.84		29.09		63.7		4.11			3.4			NA			NA			NA	NA	NA	NA		
SR13	10/10/2019	Mid-Ebb	Fine	Moderate	11:26	14	M	7	3																						NA	NA	NA	NA		
SR13	10/10/2019	Mid-Ebb	Fine	Moderate	11:26	14	B	13	1	8.02	8.02	31.12	31.13	29.00	29.00	60.2	60.1	3.89	3.88		3.7	3.8		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	10/10/2019	Mid-Ebb	Fine	Moderate	11:26	14	B	13	2	8.01		31.14		28.99		59.9		3.86			3.8			NA			NA			NA	NA	NA	NA		
SR13	10/10/2019	Mid-Ebb	Fine	Moderate	11:26	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 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	10/10/2019	Mid-Ebb	Fine	Moderate	13:08	28	S	1	1	7			0.14			0.008			0.14	0.12	0.12	0.38			240			NA			<1		
C1A	10/10/2019	Mid-Ebb	Fine	Moderate	13:08	28	S	1	2	6	7		0.12	0.13		0.007	0.008		0.12	0.13	0.12	0.37	0.38		270	255		NA	NA		<1	1	
C1A	10/10/2019	Mid-Ebb	Fine	Moderate	13:08	28	S	1	3										0.14	0.13	0.12	0.39											
C1A	10/10/2019	Mid-Ebb	Fine	Moderate	13:08	28	M	14	1	5			0.14			0.009			0.14	0.12	0.12	0.38			210			NA			<1		
C1A	10/10/2019	Mid-Ebb	Fine	Moderate	13:08	28	M	14	2	5	5	6	0.14	0.14	0.14	0.009	0.009	0.008	0.14	0.13	0.12	0.39	0.39	0.38	190	200	227	NA	NA	NA	<1	1	1
C1A	10/10/2019	Mid-Ebb	Fine	Moderate	13:08	28	M	14	3										0.14	0.13	0.12	0.39											
C1A	10/10/2019	Mid-Ebb	Fine	Moderate	13:08	28	B	27	1	6			0.15			0.009			0.15	0.13	0.12	0.40			240			NA			<1		
C1A	10/10/2019	Mid-Ebb	Fine	Moderate	13:08	28	B	27	2	6	6		0.13	0.14		0.008	0.009		0.13	0.13	0.12	0.38	0.38		220	230		NA	NA		<1	1	
C1A	10/10/2019	Mid-Ebb	Fine	Moderate	13:08	28	B	27	3										0.12	0.12	0.12	0.36											
C2A	10/10/2019	Mid-Ebb	Fine	Moderate	11:00	13	S	1	1	5			0.22			0.013			0.22	0.08	0.07	0.37			170			NA			<1		
C2A	10/10/2019	Mid-Ebb	Fine	Moderate	11:00	13	S	1	2	5	5		0.18	0.20		0.010	0.011		0.18	0.08	0.07	0.33	0.35		160	165		NA	NA		<1	1	
C2A	10/10/2019	Mid-Ebb	Fine	Moderate	11:00	13	S	1	3										0.19	0.08	0.07	0.34											
C2A	10/10/2019	Mid-Ebb	Fine	Moderate	11:00	13	M	6.5	1	4			0.21			0.012			0.21	0.08	0.07	0.36			200			NA			<1		
C2A	10/10/2019	Mid-Ebb	Fine	Moderate	11:00	13	M	6.5	2	4	4	5	0.18	0.20	0.20	0.011	0.012	0.012	0.18	0.08	0.07	0.33	0.35	0.35	230	214	176	NA	NA	NA	<1	1	1
C2A	10/10/2019	Mid-Ebb	Fine	Moderate	11:00	13	M	6.5	3										0.20	0.08	0.07	0.35											
C2A	10/10/2019	Mid-Ebb	Fine	Moderate	11:00	13	B	12	1	4			0.19			0.011			0.19	0.08	0.07	0.34			170			NA			<1		
C2A	10/10/2019	Mid-Ebb	Fine	Moderate	11:00	13	B	12	2	5	5		0.20	0.20		0.012	0.012		0.20	0.08	0.07	0.35	0.34		140	154		NA	NA		<1	1	
C2A	10/10/2019	Mid-Ebb	Fine	Moderate	11:00	13	B	12	3										0.19	0.08	0.07	0.34											
G2	10/10/2019	Mid-Ebb	Fine	Moderate	12:26	12	S	1	1	7			NA			NA			0.14	0.11	0.11	0.36			NA			NA			NA		
G2	10/10/2019	Mid-Ebb	Fine	Moderate	12:26	12	S	1	2	7	7		NA	NA		NA	NA		0.15	0.11	0.11	0.37	0.37		NA	NA		NA	NA		NA	NA	
G2	10/10/2019	Mid-Ebb	Fine	Moderate	12:26	12	S	1	3										0.15	0.11	0.11	0.37											
G2	10/10/2019	Mid-Ebb	Fine	Moderate	12:26	12	M	6	1	8			NA			NA			0.14	0.11	0.11	0.36			NA			NA			NA		
G2	10/10/2019	Mid-Ebb	Fine	Moderate	12:26	12	M	6	2	7	8	7	NA	NA	NA	NA	NA	NA	0.13	0.11	0.11	0.35	0.36	0.36	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	10/10/2019	Mid-Ebb	Fine	Moderate	12:26	12	M	6	3										0.14	0.11	0.11	0.36											
G2	10/10/2019	Mid-Ebb	Fine	Moderate	12:26	12	B	11	1	7			NA			NA			0.12	0.11	0.11	0.34			NA			NA			NA		
G2	10/10/2019	Mid-Ebb	Fine	Moderate	12:26	12	B	11	2	7	7		NA	NA		NA	NA		0.14	0.11	0.11	0.36	0.35		NA	NA		NA	NA		NA	NA	
G2	10/10/2019	Mid-Ebb	Fine	Moderate	12:26	12	B	11	3										0.13	0.11	0.11	0.35											
SR4	10/10/2019	Mid-Ebb	Fine	Moderate	12:13	4	S	1	1	13			0.18			0.010			NA	NA	NA	NA			470			NA			<1		
SR4	10/10/2019	Mid-Ebb	Fine	Moderate	12:13	4	S	1	2	14	14		0.19	0.19		0.011	0.011		NA	NA	NA	NA	NA		570	518		NA	NA		<1	1	
SR4	10/10/2019	Mid-Ebb	Fine	Moderate	12:13	4	S	1	3										NA	NA	NA	NA											
SR4	10/10/2019	Mid-Ebb	Fine	Moderate	12:13	4	M		1										NA	NA	NA	NA						NA					
SR4	10/10/2019	Mid-Ebb	Fine	Moderate	12:13	4	M		2		NA	11		NA	0.18		NA	0.010	NA	NA	NA	NA	NA	NA		NA	522	NA	NA	NA		NA	1
SR4	10/10/2019	Mid-Ebb	Fine	Moderate	12:13	4	M		3										NA	NA	NA	NA											
SR4	10/10/2019	Mid-Ebb	Fine	Moderate	12:13	4	B	3	1	9			0.16			0.009			NA	NA	NA	NA			590			NA			<1		
SR4	10/10/2019	Mid-Ebb	Fine	Moderate	12:13	4	B	3	2	9	9		0.18	0.17		0.010	0.010		NA	NA	NA	NA	NA		470	527		NA	NA		<1	1	
SR4	10/10/2019	Mid-Ebb	Fine	Moderate	12:13	4	B	3	3										NA	NA	NA	NA											
SR5	10/10/2019	Mid-Ebb	Fine	Moderate	12:40	11	S	1	1	5			NA			NA			0.14	0.12	0.11	0.37			NA			NA			NA		
SR5	10/10/2019	Mid-Ebb	Fine	Moderate	12:40	11	S	1	2	5	5		NA	NA		NA	NA		0.14	0.11	0.11	0.36	0.36		NA	NA		NA	NA		NA	NA	
SR5	10/10/2019	Mid-Ebb	Fine	Moderate	12:40	11	S	1	3										0.14	0.11	0.11	0.36											
SR5	10/10/2019	Mid-Ebb	Fine	Moderate	12:40	11	M	5.5	1	5			NA			NA			0.15	0.12	0.11	0.38			NA			NA			NA		
SR5	10/10/2019	Mid-Ebb	Fine	Moderate	12:40	11	M	5.5	2	5	5	6	NA	NA	NA	NA	NA	NA	0.15	0.12	0.11	0.38	0.37	0.36	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	10/10/2019	Mid-Ebb	Fine	Moderate	12:40	11	M	5.5	3										0.13	0.11	0.11	0.35											
SR5	10/10/2019	Mid-Ebb	Fine	Moderate	12:40	11	B	10	1	7			NA			NA			0.14	0.10	0.11	0.35			NA			NA			NA		
SR5	10/10/2019	Mid-Ebb	Fine	Moderate	12:40	11	B	10	2	7	7		NA	NA		NA	NA		0.14	0.10	0.11	0.35	0.35		NA	NA		NA	NA		NA	NA	
SR5	10/10/2019	Mid-Ebb	Fine	Moderate	12:40	11	B	10	3										0.14	0.09	0.11	0.34											
SR12	10/10/2019	Mid-Ebb	Fine	Moderate	11:51	15	S	1	1	9			0.16			0.009			NA	NA	NA	NA			21			NA			<1		
SR12	10/10/2019	Mid-Ebb	Fine	Moderate	11:51	15	S	1	2	9	9		0.16	0.16		0.009	0.009		NA	NA	NA	NA	NA		17	19		NA	NA		<1	1	
SR12	10/10/2019	Mid-Ebb	Fine	Moderate	11:51	15	S	1	3										NA	NA	NA	NA											
SR12	10/10/2019	Mid-Ebb	Fine	Moderate	11:51	15	M	7.5	1	9			0.17			0.010			NA	NA	NA	NA			19			NA			<1		
SR12	10/10/2019	Mid-Ebb	Fine	Moderate	11:51	15	M	7.5	2	10	10	10	0.17	0.17	0.16	0.010	0.010	0.010	NA	NA	NA	NA	NA	NA	24	21	23	NA	NA	NA	<1	1	1
SR12	10/10/2019	Mid-Ebb	Fine	Moderate	11:51	15	M	7.5	3										NA	NA	NA	NA											
SR12	10/10/2019	Mid-Ebb	Fine	Moderate	11:51	15	B	14	1	12			0.16			0.010			NA	NA	NA	NA			28			NA			<1		
SR12	10/10/2019	Mid-Ebb	Fine	Moderate	11:51	15	B	14	2	12	12		0.16	0.16		0.010	0.010		NA	NA	NA	NA	NA		29	28		NA	NA		<1	1	
SR12	10/10/2019	Mid-Ebb	Fine	Moderate	11:51	15	B	14	3										NA	NA	NA	NA											
SR13	10/10/2019	Mid-Ebb	Fine	Moderate	11:26	14	S	1	1	4			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	10/10/2019	Mid-Ebb	Fine	Moderate	11:26	14	S	1	2	3	4		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	10/10/2019	Mid-Ebb	Fine	Moderate	11:26	14	S	1	3										NA	NA	NA	NA											
SR13	10/10/2019	Mid-Ebb	Fine	Moderate	11:26	14	M	7	1	4			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	10/10/2019	Mid-Ebb	Fine	Moderate	11:26	14	M	7	2	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	10/10/2019	Mid-Ebb	Fine	Moderate	11:26	14	M	7	3										NA	NA	NA	NA											
SR13	10/10/2019	Mid-Ebb	Fine	Moderate	11:26	14	B	13	1	4			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	10/10/2019	Mid-Ebb	Fine	Moderate	11:26	14	B	13	2	3	4		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	10/10/2019	Mid-Ebb	Fine	Moderate	11:26	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 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	Value	Ave.	Depth	Value	Ave.	Depth					Ave.	Depth
C1A	12/10/2019	Mid-Flood	Fine	Moderate	8:10	28	S	1	1	8.10		27.42		28.13		87.5		5.97			4.1			0.21			0.014			0.21	0.10	0.10	0.41		
C1A	12/10/2019	Mid-Flood	Fine	Moderate	8:10	28	S	1	2	8.10	8.10	27.45	27.44	28.17	28.15	88.0	87.8	5.95	5.96		4.3	4.2		0.22	0.22		0.015	0.015		0.22	0.10	0.10	0.42	0.41	
C1A	12/10/2019	Mid-Flood	Fine	Moderate	8:10	28	S	1	3																					0.21	0.10	0.10	0.41		
C1A	12/10/2019	Mid-Flood	Fine	Moderate	8:10	28	M	14	1	8.11		28.59		28.10		78.5		5.21			5.6			0.89			0.062			0.89	0.10	0.09	1.08		
C1A	12/10/2019	Mid-Flood	Fine	Moderate	8:10	28	M	14	2	8.11	8.11	28.61	28.60	28.09	28.10	78.0	78.3	5.20	5.21	5.58	5.9	5.8	5.6	0.86	0.88	0.44	0.060	0.061	0.030	0.86	0.10	0.09	1.05	1.07	0.64
C1A	12/10/2019	Mid-Flood	Fine	Moderate	8:10	28	M	14	3																					0.88	0.10	0.09	1.07		
C1A	12/10/2019	Mid-Flood	Fine	Moderate	8:10	28	B	27	1	8.13		29.47		28.04		76.6		5.13			6.7			0.21			0.015			0.21	0.11	0.11	0.43		
C1A	12/10/2019	Mid-Flood	Fine	Moderate	8:10	28	B	27	2	8.12	8.13	29.44	29.46	28.00	28.02	76.4	76.5	5.11	5.12		6.8	6.8		0.22	0.22		0.016	0.015		0.22	0.11	0.11	0.44	0.43	
C1A	12/10/2019	Mid-Flood	Fine	Moderate	8:10	28	B	27	3																					0.20	0.11	0.11	0.42		
C2A	12/10/2019	Mid-Flood	Fine	Moderate	6:42	13	S	1	1	8.04		26.21		27.31		86.5		5.81			4.2			0.23			0.013			0.23	0.11	0.10	0.44		
C2A	12/10/2019	Mid-Flood	Fine	Moderate	6:42	13	S	1	2	8.04	8.04	26.28	26.25	27.33	27.32	86.0	86.3	5.78	5.80		4.3	4.3		0.23	0.23		0.013	0.013		0.23	0.11	0.10	0.44	0.44	
C2A	12/10/2019	Mid-Flood	Fine	Moderate	6:42	13	S	1	3																					0.22	0.11	0.10	0.43		
C2A	12/10/2019	Mid-Flood	Fine	Moderate	6:42	13	M	6.5	1	8.09		27.18		27.23		81.4		5.44			5.1			0.29			0.018			0.29	0.11	0.10	0.50		
C2A	12/10/2019	Mid-Flood	Fine	Moderate	6:42	13	M	6.5	2	8.08	8.09	27.21	27.20	27.24	27.24	81.0	81.2	5.41	5.43	5.61	5.2	5.2	5.1	0.28	0.29	0.25	0.018	0.018	0.015	0.28	0.11	0.10	0.49	0.49	0.46
C2A	12/10/2019	Mid-Flood	Fine	Moderate	6:42	13	M	6.5	3																					0.26	0.11	0.10	0.47		
C2A	12/10/2019	Mid-Flood	Fine	Moderate	6:42	13	B	12	1	8.10		28.10		27.17		78.6		5.22			6.0			0.23			0.015			0.23	0.12	0.11	0.46		
C2A	12/10/2019	Mid-Flood	Fine	Moderate	6:42	13	B	12	2	8.09	8.10	28.07	28.09	27.18	27.18	78.2	78.4	5.18	5.20		5.9	6.0		0.23	0.23		0.015	0.015		0.23	0.12	0.12	0.47	0.46	
C2A	12/10/2019	Mid-Flood	Fine	Moderate	6:42	13	B	12	3																					0.23	0.12	0.11	0.46		
G2	12/10/2019	Mid-Flood	Fine	Moderate	7:41	12	S	1	1	8.11		27.92		27.62		90.1		6.01			4.2			NA			NA			0.31	0.11	0.10	0.52		
G2	12/10/2019	Mid-Flood	Fine	Moderate	7:41	12	S	1	2	8.11	8.11	27.96	27.94	27.63	27.63	89.4	89.8	5.95	5.98		4.0	4.1		NA	NA		NA	NA		0.32	0.11	0.10	0.53	0.51	
G2	12/10/2019	Mid-Flood	Fine	Moderate	7:41	12	S	1	3																					0.28	0.11	0.10	0.49		
G2	12/10/2019	Mid-Flood	Fine	Moderate	7:41	12	M	6	1	8.12		28.41		27.59		82.5		5.52			4.4			NA			NA			0.30	0.11	0.11	0.52		
G2	12/10/2019	Mid-Flood	Fine	Moderate	7:41	12	M	6	2	8.13	8.13	28.44	28.43	27.56	27.58	82.1	82.3	5.48	5.50	5.74	4.8	4.6	4.6	NA	NA	NA	NA	NA	NA	0.30	0.11	0.11	0.52	0.52	0.53
G2	12/10/2019	Mid-Flood	Fine	Moderate	7:41	12	M	6	3																					0.30	0.11	0.11	0.52		
G2	12/10/2019	Mid-Flood	Fine	Moderate	7:41	12	B	11	1	8.13		29.36		27.50		76.5		5.12			5.0			NA			NA			0.33	0.12	0.11	0.56		
G2	12/10/2019	Mid-Flood	Fine	Moderate	7:41	12	B	11	2	8.13	8.13	29.37	29.37	27.47	27.49	76.8	76.7	5.14	5.13		5.3	5.2		NA	NA		NA	NA		0.33	0.12	0.11	0.56	0.56	
G2	12/10/2019	Mid-Flood	Fine	Moderate	7:41	12	B	11	3																					0.32	0.12	0.11	0.55		
SR4	12/10/2019	Mid-Flood	Fine	Moderate	7:23	4	S	1	1	8.08		27.17		27.49		88.8		6.00			2.6			0.78			0.049			NA	NA	NA	NA		
SR4	12/10/2019	Mid-Flood	Fine	Moderate	7:23	4	S	1	2	8.08	8.08	27.19	27.18	27.51	27.50	88.2	88.5	5.97	5.99		2.7	2.7		0.78	0.78		0.049	0.049		NA	NA	NA	NA	NA	
SR4	12/10/2019	Mid-Flood	Fine	Moderate	7:23	4	S	1	3																					NA	NA	NA	NA		
SR4	12/10/2019	Mid-Flood	Fine	Moderate	7:23	4	M		1																					NA	NA	NA	NA		
SR4	12/10/2019	Mid-Flood	Fine	Moderate	7:23	4	M		2		NA		NA		NA		NA		NA			NA	2.9		NA	0.79		NA	0.050	NA	NA	NA	NA	NA	NA
SR4	12/10/2019	Mid-Flood	Fine	Moderate	7:23	4	M		3																					NA	NA	NA	NA		
SR4	12/10/2019	Mid-Flood	Fine	Moderate	7:23	4	B	3	1	8.09		27.35		27.46		87.0		5.83			2.9			0.79			0.051			NA	NA	NA	NA		
SR4	12/10/2019	Mid-Flood	Fine	Moderate	7:23	4	B	3	2	8.09	8.09	27.36	27.36	27.44	27.45	86.5	86.8	5.80	5.82		3.2	3.1		0.79	0.79		0.051	0.051		NA	NA	NA	NA	NA	
SR4	12/10/2019	Mid-Flood	Fine	Moderate	7:23	4	B	3	3																					NA	NA	NA	NA		
SR5	12/10/2019	Mid-Flood	Fine	Moderate	7:54	11	S	1	1	8.11		27.61		27.83		87.5		5.87			2.5			NA			NA			0.76	0.10	0.09	0.95		
SR5	12/10/2019	Mid-Flood	Fine	Moderate	7:54	11	S	1	2	8.10	8.11	27.63	27.62	27.89	27.86	88.1	87.8	5.93	5.90		2.6	2.6		NA	NA		NA	NA		0.77	0.10	0.09	0.96	0.95	
SR5	12/10/2019	Mid-Flood	Fine	Moderate	7:54	11	S	1	3																					0.76	0.10	0.09	0.95		
SR5	12/10/2019	Mid-Flood	Fine	Moderate	7:54	11	M	5.5	1	8.12		28.49		27.77		84.2		5.68			3.9			NA			NA			0.78	0.10	0.10	0.98		
SR5	12/10/2019	Mid-Flood	Fine	Moderate	7:54	11	M	5.5	2	8.12	8.12	28.48	28.49	27.75	27.76	84.0	84.1	5.65	5.67	5.78	3.7	3.8	3.6	NA	NA	NA	NA	NA	NA	0.76	0.10	0.10	0.96	0.97	0.95
SR5	12/10/2019	Mid-Flood	Fine	Moderate	7:54	11	M	5.5	3																					0.77	0.10	0.10	0.97		
SR5	12/10/2019	Mid-Flood	Fine	Moderate	7:54	11	B	10	1	8.12		29.27		27.69		79.0		5.25			4.2			NA			NA			0.74	0.10	0.11	0.95		
SR5	12/10/2019	Mid-Flood	Fine	Moderate	7:54	11	B	10	2	8.12	8.12	29.24	29.26	27.70	27.70	78.5	78.8	5.21	5.23		4.7	4.5		NA	NA		NA	NA		0.73	0.10	0.11	0.94	0.94	
SR5	12/10/2019	Mid-Flood	Fine	Moderate	7:54	11	B	10	3																					0.71	0.10	0.11	0.92		
SR12	12/10/2019	Mid-Flood	Fine	Moderate	7:10	15	S	1	1	8.09		27.10		27.45		85.9		5.78			4.5			0.81			0.052			NA	NA	NA	NA		
SR12	12/10/2019	Mid-Flood	Fine	Moderate	7:10	15	S	1	2	8.09	8.09	27.11	27.11	27.47	27.46	86.1	86.0	5.79	5.79		4.2	4.4		0.82	0.82		0.053	0.052		NA	NA	NA	NA	NA	
SR12	12/10/2019	Mid-Flood	Fine	Moderate	7:10	15	S	1	3																					NA	NA	NA	NA		
SR12	12/10/2019	Mid-Flood	Fine	Moderate	7:10	15	M	7.5	1	8.10		27.43		27.39		81.3		5.42			5.4			0.85			0.055			NA	NA	NA	NA		
SR12	12/10/2019	Mid-Flood	Fine	Moderate	7:10	15	M	7.5	2	8.10	8.10	27.50	27.47	27.36	27.38	81.7	81.5	5.47	5.45	5.62	5.3	5.4	5.3	0.85	0.85	0.83	0.055	0.055	0.054	NA	NA	NA	NA	NA	NA
SR12	12/10/2019	Mid-Flood	Fine	Moderate	7:10	15	M	7.5	3																					NA	NA	NA	NA		
SR12	12/10/2019	Mid-Flood	Fine	Moderate	7:10	15	B	14	1	8.12		28.42		27.33		79.0		5.26			6.0			0.83			0.055			NA	NA	NA	NA		
SR12	12/10/2019	Mid-Flood	Fine	Moderate	7:10	15	B	14	2	8.11	8.12	28.45	28.44	27.30	27.32	78.7	78.9	5.25	5.26		6.1	6.1		0.83	0.83		0.055	0.055		NA	NA	NA	NA	NA	
SR12	12/10/2019	Mid-Flood	Fine	Moderate	7:10	15	B	14	3																					NA	NA	NA	NA		
SR13	12/10/2019	Mid-Flood	Fine	Moderate	6:54	14	S	1	1	8.09		26.93		27.40		86.7		5.80			3.6			NA			NA			NA	NA	NA	NA		
SR13	12/10/2019	Mid-Flood	Fine	Moderate	6:54	14	S	1	2	8.08	8.09	26.99	26.96	27.43	27.42	86.7	86.7	5.84	5.82		3.7	3.7		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	12/10/2019	Mid-Flood	Fine	Moderate	6:54	14	S	1	3																					NA	NA	NA	NA		
SR13	12/10/2019	Mid-Flood	Fine	Moderate	6:54	14	M	7	1	8.08		27.71		27.38		81.4		5.44			5.7			NA			NA			NA	NA	NA	NA		
SR13	12/10/2019	Mid-Flood	Fine	Moderate	6:54	14	M	7	2	8.08	8.08	27.72	27.72	27.34	27.36	81.2	81.3	5.42	5.43	5.63	5.3	5.5	5.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	12/10/2019	Mid-Flood	Fine	Moderate	6:54	14	M	7	3																					NA	NA	NA	NA		
SR13	12/10/2019	Mid-Flood	Fine	Moderate	6:54	14	B	13	1	8.11		28.37		27.29		79.5		5.29			6.2			NA			NA			NA	NA	NA	NA		
SR13	12/10/2019	Mid-Flood	Fine	Moderate	6:54	14	B	13	2	8.11	8.11	28.40	28.39	27.26	27.28	79.2	79.4	5.27	5.28		6.3	6.3		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	12/10/2019	Mid-Flood	Fine	Moderate	6:54	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 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	12/10/2019	Mid-Flood	Fine	Moderate	8:10	28	S	1	1	5			0.21			0.014			0.21	0.10	0.10	0.41			670			NA			3		
C1A	12/10/2019	Mid-Flood	Fine	Moderate	8:10	28	S	1	2	5	5		0.22	0.22		0.015	0.015		0.22	0.10	0.10	0.42	0.41		750	709		NA	NA		3	3	
C1A	12/10/2019	Mid-Flood	Fine	Moderate	8:10	28	S	1	3										0.20	0.10	0.10	0.40											
C1A	12/10/2019	Mid-Flood	Fine	Moderate	8:10	28	M	14	1	4			0.91			0.063			0.91	0.09	0.09	1.09			590			NA			3		
C1A	12/10/2019	Mid-Flood	Fine	Moderate	8:10	28	M	14	2	3	4	5	0.92	0.92	0.44	0.064	0.063	0.031	0.92	0.09	0.09	1.10	1.11	0.64	630	610	639	NA	NA	NA	4	3	3
C1A	12/10/2019	Mid-Flood	Fine	Moderate	8:10	28	M	14	3										0.94	0.10	0.09	1.13											
C1A	12/10/2019	Mid-Flood	Fine	Moderate	8:10	28	B	27	1	8			0.18			0.013			0.18	0.11	0.11	0.40			640			NA			4		
C1A	12/10/2019	Mid-Flood	Fine	Moderate	8:10	28	B	27	2	7	8		0.22	0.20		0.016	0.014		0.22	0.09	0.09	0.40	0.40		570	604		NA	NA		4	4	
C1A	12/10/2019	Mid-Flood	Fine	Moderate	8:10	28	B	27	3										0.19	0.11	0.11	0.41											
C2A	12/10/2019	Mid-Flood	Fine	Moderate	6:42	13	S	1	1	4			0.21			0.012			0.21	0.11	0.10	0.42			4700			NA			4		
C2A	12/10/2019	Mid-Flood	Fine	Moderate	6:42	13	S	1	2	5	5		0.21	0.21		0.012	0.012		0.21	0.11	0.10	0.42	0.44		4200	4443		NA	NA		4	4	
C2A	12/10/2019	Mid-Flood	Fine	Moderate	6:42	13	S	1	3										0.26	0.11	0.10	0.47											
C2A	12/10/2019	Mid-Flood	Fine	Moderate	6:42	13	M	6.5	1	5			0.33			0.021			0.33	0.11	0.10	0.54			2900			NA			4		
C2A	12/10/2019	Mid-Flood	Fine	Moderate	6:42	13	M	6.5	2	6	6	4	0.20	0.27	0.24	0.013	0.017	0.014	0.20	0.11	0.10	0.41	0.50	0.46	3100	2998	3430	NA	NA	NA	4	4	4
C2A	12/10/2019	Mid-Flood	Fine	Moderate	6:42	13	M	6.5	3										0.37	0.10	0.09	0.56											
C2A	12/10/2019	Mid-Flood	Fine	Moderate	6:42	13	B	12	1	3			0.23			0.015			0.23	0.11	0.10	0.44			2700			NA			4		
C2A	12/10/2019	Mid-Flood	Fine	Moderate	6:42	13	B	12	2	3	3		0.23	0.23		0.015	0.015		0.23	0.11	0.10	0.44	0.45		3400	3030		NA	NA		4	4	
C2A	12/10/2019	Mid-Flood	Fine	Moderate	6:42	13	B	12	3										0.25	0.11	0.10	0.46											
G2	12/10/2019	Mid-Flood	Fine	Moderate	7:41	12	S	1	1	4			NA			NA			0.30	0.10	0.10	0.50			NA			NA			NA		
G2	12/10/2019	Mid-Flood	Fine	Moderate	7:41	12	S	1	2	4	4		NA	NA		NA	NA		0.29	0.11	0.10	0.50	0.51		NA	NA		NA	NA		NA	NA	
G2	12/10/2019	Mid-Flood	Fine	Moderate	7:41	12	S	1	3										0.33	0.11	0.10	0.54											
G2	12/10/2019	Mid-Flood	Fine	Moderate	7:41	12	M	6	1	5			NA			NA			0.29	0.11	0.10	0.50			NA			NA			NA		
G2	12/10/2019	Mid-Flood	Fine	Moderate	7:41	12	M	6	2	5	5	4	NA	NA	NA	NA	NA	NA	0.30	0.11	0.10	0.51	0.51	0.52	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	12/10/2019	Mid-Flood	Fine	Moderate	7:41	12	M	6	3										0.31	0.11	0.10	0.52											
G2	12/10/2019	Mid-Flood	Fine	Moderate	7:41	12	B	11	1	4			NA			NA			0.33	0.11	0.10	0.54			NA			NA			NA		
G2	12/10/2019	Mid-Flood	Fine	Moderate	7:41	12	B	11	2	4	4		NA	NA		NA	NA		0.33	0.11	0.10	0.54	0.53		NA	NA		NA	NA		NA	NA	
G2	12/10/2019	Mid-Flood	Fine	Moderate	7:41	12	B	11	3										0.29	0.11	0.10	0.50											
SR4	12/10/2019	Mid-Flood	Fine	Moderate	7:23	4	S	1	1	6			0.78			0.049			NA	NA	NA	NA			2700			NA			2		
SR4	12/10/2019	Mid-Flood	Fine	Moderate	7:23	4	S	1	2	5	6		0.79	0.79		0.050	0.050		NA	NA	NA	NA	NA		3300	2985		NA	NA		2	2	
SR4	12/10/2019	Mid-Flood	Fine	Moderate	7:23	4	S	1	3										NA	NA	NA	NA											
SR4	12/10/2019	Mid-Flood	Fine	Moderate	7:23	4	M		1										NA	NA	NA	NA						NA					
SR4	12/10/2019	Mid-Flood	Fine	Moderate	7:23	4	M		2		NA	5		NA	0.78		NA	0.050	NA	NA	NA	NA	NA	NA		NA	2863	NA	NA	NA		NA	2
SR4	12/10/2019	Mid-Flood	Fine	Moderate	7:23	4	M		3										NA	NA	NA	NA											
SR4	12/10/2019	Mid-Flood	Fine	Moderate	7:23	4	B	3	1	3			0.78			0.050			NA	NA	NA	NA			2900			NA			2		
SR4	12/10/2019	Mid-Flood	Fine	Moderate	7:23	4	B	3	2	4	4		0.78	0.78		0.050	0.050		NA	NA	NA	NA	NA		2600	2746		NA	NA		2	2	
SR4	12/10/2019	Mid-Flood	Fine	Moderate	7:23	4	B	3	3										NA	NA	NA	NA											
SR5	12/10/2019	Mid-Flood	Fine	Moderate	7:54	11	S	1	1	4			NA			NA			0.83	0.10	0.09	1.02			NA			NA			NA		
SR5	12/10/2019	Mid-Flood	Fine	Moderate	7:54	11	S	1	2	5	5		NA	NA		NA	NA		0.76	0.09	0.09	0.94	0.97		NA	NA		NA	NA		NA	NA	
SR5	12/10/2019	Mid-Flood	Fine	Moderate	7:54	11	S	1	3										0.78	0.09	0.09	0.96											
SR5	12/10/2019	Mid-Flood	Fine	Moderate	7:54	11	M	5.5	1	5			NA			NA			0.79	0.09	0.09	0.97			NA			NA			NA		
SR5	12/10/2019	Mid-Flood	Fine	Moderate	7:54	11	M	5.5	2	5	5	4	NA	NA	NA	NA	NA	NA	0.75	0.09	0.09	0.93	0.95	0.96	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	12/10/2019	Mid-Flood	Fine	Moderate	7:54	11	M	5.5	3										0.77	0.09	0.09	0.95											
SR5	12/10/2019	Mid-Flood	Fine	Moderate	7:54	11	B	10	1	3			NA			NA			0.80	0.09	0.09	0.98			NA			NA			NA		
SR5	12/10/2019	Mid-Flood	Fine	Moderate	7:54	11	B	10	2	3	3		NA	NA		NA	NA		0.67	0.10	0.09	0.86	0.96		NA	NA		NA	NA		NA	NA	
SR5	12/10/2019	Mid-Flood	Fine	Moderate	7:54	11	B	10	3										0.85	0.10	0.09	1.04											
SR12	12/10/2019	Mid-Flood	Fine	Moderate	7:10	15	S	1	1	5			0.84			0.054			NA	NA	NA	NA			3300			NA			2		
SR12	12/10/2019	Mid-Flood	Fine	Moderate	7:10	15	S	1	2	6	6		0.83	0.84		0.053	0.054		NA	NA	NA	NA	NA		3700	3494		NA	NA		1	1	
SR12	12/10/2019	Mid-Flood	Fine	Moderate	7:10	15	S	1	3										NA	NA	NA	NA											
SR12	12/10/2019	Mid-Flood	Fine	Moderate	7:10	15	M	7.5	1	5			0.86			0.056			NA	NA	NA	NA			4900			NA			2		
SR12	12/10/2019	Mid-Flood	Fine	Moderate	7:10	15	M	7.5	2	5	5	5	0.84	0.85	0.84	0.055	0.055	0.055	NA	NA	NA	NA	NA	NA	4400	4643	4252	NA	NA	NA	1	1	1
SR12	12/10/2019	Mid-Flood	Fine	Moderate	7:10	15	M	7.5	3										NA	NA	NA	NA											
SR12	12/10/2019	Mid-Flood	Fine	Moderate	7:10	15	B	14	1	5			0.82			0.055			NA	NA	NA	NA			4400			NA			1		
SR12	12/10/2019	Mid-Flood	Fine	Moderate	7:10	15	B	14	2	6	6		0.82	0.82		0.055	0.055		NA	NA	NA	NA	NA		5100	4737		NA	NA		2	1	
SR12	12/10/2019	Mid-Flood	Fine	Moderate	7:10	15	B	14	3										NA	NA	NA	NA											
SR13	12/10/2019	Mid-Flood	Fine	Moderate	6:54	14	S	1	1	4			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	12/10/2019	Mid-Flood	Fine	Moderate	6:54	14	S	1	2	4	4		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	12/10/2019	Mid-Flood	Fine	Moderate	6:54	14	S	1	3										NA	NA	NA	NA											
SR13	12/10/2019	Mid-Flood	Fine	Moderate	6:54	14	M	7	1	4			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	12/10/2019	Mid-Flood	Fine	Moderate	6:54	14	M	7	2	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	12/10/2019	Mid-Flood	Fine	Moderate	6:54	14	M	7	3										NA	NA	NA	NA											
SR13	12/10/2019	Mid-Flood	Fine	Moderate	6:54	14	B	13	1	3			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	12/10/2019	Mid-Flood	Fine	Moderate	6:54	14	B	13	2	4	4		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	12/10/2019	Mid-Flood	Fine	Moderate	6:54	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 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-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth	Value	Ave.	Depth	Value	Ave.	Depth					Ave.	Depth
C1A	12/10/2019	Mid-Ebb	Fine	Moderate	9:00	28	S	1	1	8.11		27.49		28.17		88.5		6.01			4.0			0.68			0.048			0.68	0.10	0.10	0.88		
C1A	12/10/2019	Mid-Ebb	Fine	Moderate	9:00	28	S	1	2	8.11	8.11	27.48	27.49	28.18	28.18	88.3	88.4	5.98	6.00		3.9	4.0		0.67	0.68		0.047	0.047		0.67	0.11	0.10	0.88	0.87	
C1A	12/10/2019	Mid-Ebb	Fine	Moderate	9:00	28	S	1	3											5.60										0.64	0.10	0.10	0.84		
C1A	12/10/2019	Mid-Ebb	Fine	Moderate	9:00	28	M	14	1	8.12		28.56		28.13		78.0		5.20			5.8			0.67			0.047			0.67	0.11	0.10	0.88		
C1A	12/10/2019	Mid-Ebb	Fine	Moderate	9:00	28	M	14	2	8.11	8.12	28.59	28.58	28.12	28.13	78.2	78.1	5.22	5.21		5.2	5.5	5.3	0.67	0.67	0.69	0.047	0.047	0.049	0.67	0.11	0.10	0.88	0.88	0.89
C1A	12/10/2019	Mid-Ebb	Fine	Moderate	9:00	28	M	14	3																					0.68	0.11	0.10	0.89		
C1A	12/10/2019	Mid-Ebb	Fine	Moderate	9:00	28	B	27	1	8.13		29.60		28.09		76.0		5.08			6.6			0.72			0.052			0.72	0.11	0.10	0.93		
C1A	12/10/2019	Mid-Ebb	Fine	Moderate	9:00	28	B	27	2	8.13	8.13	29.62	29.61	28.05	28.07	75.8	75.9	5.06	5.07		6.4	6.5		0.72	0.72		0.052	0.052		0.72	0.11	0.10	0.93	0.93	
C1A	12/10/2019	Mid-Ebb	Fine	Moderate	9:00	28	B	27	3																					0.73	0.11	0.10	0.94		
C2A	12/10/2019	Mid-Ebb	Fine	Moderate	10:24	13	S	1	1	8.04		26.27		27.61		86.8		5.85			4.5			0.48			0.029			0.48	0.11	0.10	0.69		
C2A	12/10/2019	Mid-Ebb	Fine	Moderate	10:24	13	S	1	2	8.05	8.05	26.29	26.28	27.69	27.65	86.4	86.6	5.80	5.83		4.2	4.4		0.46	0.47		0.027	0.028		0.46	0.11	0.10	0.67	0.68	
C2A	12/10/2019	Mid-Ebb	Fine	Moderate	10:24	13	S	1	3											5.62										0.48	0.11	0.10	0.69		
C2A	12/10/2019	Mid-Ebb	Fine	Moderate	10:24	13	M	6.5	1	8.07		27.41		27.46		81.0		5.41			5.3			0.51			0.031			0.51	0.11	0.10	0.72		
C2A	12/10/2019	Mid-Ebb	Fine	Moderate	10:24	13	M	6.5	2	8.07	8.07	27.42	27.42	27.45	27.46	81.1	81.1	5.41	5.41		5.3	5.3	5.3	0.52	0.52	0.51	0.032	0.032	0.032	0.52	0.11	0.10	0.73	0.72	0.73
C2A	12/10/2019	Mid-Ebb	Fine	Moderate	10:24	13	M	6.5	3																					0.51	0.11	0.10	0.72		
C2A	12/10/2019	Mid-Ebb	Fine	Moderate	10:24	13	B	12	1	8.10		28.09		27.34		78.5		5.21			6.1			0.55			0.036			0.55	0.12	0.11	0.78		
C2A	12/10/2019	Mid-Ebb	Fine	Moderate	10:24	13	B	12	2	8.10	8.10	28.09	28.09	27.35	27.35	78.3	78.4	5.19	5.20		6.1	6.1		0.54	0.55		0.035	0.035		0.54	0.12	0.11	0.77	0.78	
C2A	12/10/2019	Mid-Ebb	Fine	Moderate	10:24	13	B	12	3																					0.55	0.12	0.11	0.78		
G2	12/10/2019	Mid-Ebb	Fine	Moderate	9:30	12	S	1	1	8.10		27.96		27.65		90.5		6.06			4.0			NA			NA			0.31	0.11	0.09	0.51		
G2	12/10/2019	Mid-Ebb	Fine	Moderate	9:30	12	S	1	2	8.11	8.11	27.94	27.95	27.69	27.67	90.2	90.4	6.02	6.04		3.6	3.8		NA	NA		NA	NA		0.30	0.11	0.09	0.50	0.51	
G2	12/10/2019	Mid-Ebb	Fine	Moderate	9:30	12	S	1	3											5.75										0.31	0.11	0.09	0.51		
G2	12/10/2019	Mid-Ebb	Fine	Moderate	9:30	12	M	6	1	8.13		28.38		27.57		82.0		5.48			4.9			NA			NA			0.31	0.11	0.09	0.51		
G2	12/10/2019	Mid-Ebb	Fine	Moderate	9:30	12	M	6	2	8.13	8.13	28.38	28.38	27.58	27.58	81.8	81.9	5.44	5.46		5.1	5.0	4.8	NA	NA	NA	NA	NA	NA	0.31	0.11	0.09	0.51	0.51	0.52
G2	12/10/2019	Mid-Ebb	Fine	Moderate	9:30	12	M	6	3																					0.31	0.11	0.09	0.51		
G2	12/10/2019	Mid-Ebb	Fine	Moderate	9:30	12	B	11	1	8.14		29.29		27.48		75.9		5.06			5.5			NA			NA			0.32	0.13	0.10	0.55		
G2	12/10/2019	Mid-Ebb	Fine	Moderate	9:30	12	B	11	2	8.14	8.14	29.31	29.30	27.44	27.46	75.7	75.8	5.04	5.05		5.5	5.5		NA	NA		NA	NA		0.31	0.12	0.10	0.53	0.54	
G2	12/10/2019	Mid-Ebb	Fine	Moderate	9:30	12	B	11	3																					0.32	0.13	0.10	0.55		
SR4	12/10/2019	Mid-Ebb	Fine	Moderate	9:46	4	S	1	1	8.09		27.43		27.67		89.0		6.02			2.5			0.81			0.052			NA	NA	NA	NA		
SR4	12/10/2019	Mid-Ebb	Fine	Moderate	9:46	4	S	1	2	8.08	8.09	27.45	27.44	27.68	27.68	89.0	89.0	6.01	6.02		2.2	2.4		0.82	0.82		0.053	0.052		NA	NA	NA	NA	NA	
SR4	12/10/2019	Mid-Ebb	Fine	Moderate	9:46	4	S	1	3											6.02										NA	NA	NA	NA		
SR4	12/10/2019	Mid-Ebb	Fine	Moderate	9:46	4	M		1																					NA	NA	NA	NA		
SR4	12/10/2019	Mid-Ebb	Fine	Moderate	9:46	4	M		2		NA		NA		NA		NA		NA			NA	2.9		NA	0.80		NA	0.052	NA	NA	NA	NA	NA	NA
SR4	12/10/2019	Mid-Ebb	Fine	Moderate	9:46	4	M		3																					NA	NA	NA	NA		
SR4	12/10/2019	Mid-Ebb	Fine	Moderate	9:46	4	B	3	1	8.10		27.55		27.58		86.0		5.74			3.3			0.79			0.052			NA	NA	NA	NA		
SR4	12/10/2019	Mid-Ebb	Fine	Moderate	9:46	4	B	3	2	8.10	8.10	27.56	27.56	27.59	27.59	86.1	86.1	5.75	5.75		3.4	3.4		0.79	0.79		0.052	0.052		NA	NA	NA	NA	NA	
SR4	12/10/2019	Mid-Ebb	Fine	Moderate	9:46	4	B	3	3																					NA	NA	NA	NA		
SR5	12/10/2019	Mid-Ebb	Fine	Moderate	9:17	11	S	1	1	8.11		27.60		27.89		88.3		5.95			2.6			NA			NA			0.73	0.09	0.09	0.91		
SR5	12/10/2019	Mid-Ebb	Fine	Moderate	9:17	11	S	1	2	8.11	8.11	27.60	27.60	27.89	27.89	88.2	88.3	5.94	5.95		2.6	2.6		NA	NA		NA	NA		0.72	0.09	0.09	0.90	0.91	
SR5	12/10/2019	Mid-Ebb	Fine	Moderate	9:17	11	S	1	3											5.79										0.73	0.09	0.09	0.91		
SR5	12/10/2019	Mid-Ebb	Fine	Moderate	9:17	11	M	5.5	1	8.13		28.47		27.78		84.0		5.65			3.7			NA			NA			0.76	0.10	0.10	0.96		
SR5	12/10/2019	Mid-Ebb	Fine	Moderate	9:17	11	M	5.5	2	8.13	8.13	28.45	28.46	27.75	27.77	83.5	83.8	5.61	5.63		3.4	3.6	3.6	NA	NA	NA	NA	NA	NA	0.74	0.10	0.10	0.94	0.95	0.78
SR5	12/10/2019	Mid-Ebb	Fine	Moderate	9:17	11	M	5.5	3																					0.74	0.10	0.10	0.94		
SR5	12/10/2019	Mid-Ebb	Fine	Moderate	9:17	11	B	10	1	8.14		29.26		27.63		78.1		5.16			4.4			NA			NA			0.25	0.12	0.11	0.48		
SR5	12/10/2019	Mid-Ebb	Fine	Moderate	9:17	11	B	10	2	8.15	8.15	29.26	29.26	27.68	27.66	77.7	77.9	5.12	5.14		4.9	4.7		NA	NA		NA	NA		0.26	0.11	0.11	0.48	0.48	
SR5	12/10/2019	Mid-Ebb	Fine	Moderate	9:17	11	B	10	3																					0.26	0.12	0.11	0.49		
SR12	12/10/2019	Mid-Ebb	Fine	Moderate	9:58	15	S	1	1	8.08		27.10		27.65		85.5		5.74			4.0			0.85			0.054			NA	NA	NA	NA		
SR12	12/10/2019	Mid-Ebb	Fine	Moderate	9:58	15	S	1	2	8.08	8.08	27.06	27.08	27.60	27.63	86.0	85.8	5.78	5.76		3.8	3.9		0.86	0.86		0.055	0.054		NA	NA	NA	NA	NA	
SR12	12/10/2019	Mid-Ebb	Fine	Moderate	9:58	15	S	1	3											5.63										NA	NA	NA	NA		
SR12	12/10/2019	Mid-Ebb	Fine	Moderate	9:58	15	M	7.5	1	8.01		27.38		27.58		82.0		5.50			4.7			0.79			0.047			NA	NA	NA	NA		
SR12	12/10/2019	Mid-Ebb	Fine	Moderate	9:58	15	M	7.5	2	8.09	8.05	27.37	27.38	27.55	27.57	81.9	82.0	5.48	5.49		4.9	4.8	4.8	0.79	0.79	0.82	0.047	0.047	0.052	NA	NA	NA	NA	NA	NA
SR12	12/10/2019	Mid-Ebb	Fine	Moderate	9:58	15	M	7.5	3																					NA	NA	NA	NA		
SR12	12/10/2019	Mid-Ebb	Fine	Moderate	9:58	15	B	14	1	8.12		28.49		27.37		78.8		5.24			5.8			0.82			0.055			NA	NA	NA	NA		
SR12	12/10/2019	Mid-Ebb	Fine	Moderate	9:58	15	B	14	2	8.12	8.12	28.46	28.48	27.40	27.39	78.5	78.7	5.21	5.23		5.6	5.7		0.81	0.82		0.055	0.055		NA	NA	NA	NA	NA	
SR12	12/10/2019	Mid-Ebb	Fine	Moderate	9:58	15	B	14	3																					NA	NA	NA	NA		
SR13	12/10/2019	Mid-Ebb	Fine	Moderate	10:11	14	S	1	1	8.09		26.99		27.60		86.5		5.82			3.5			NA			NA			NA	NA	NA	NA		
SR13	12/10/2019	Mid-Ebb	Fine	Moderate	10:11	14	S	1	2	8.08	8.09	26.98	26.99	27.62	27.61	86.8	86.7	5.85	5.84		3.4	3.5		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	12/10/2019	Mid-Ebb	Fine	Moderate	10:11	14	S	1	3											5.63										NA	NA	NA	NA		
SR13	12/10/2019	Mid-Ebb	Fine	Moderate	10:11	14	M	7	1	8.10		27.79		27.65		81.0		5.40			6.5			NA			NA			NA	NA	NA	NA		
SR13	12/10/2019	Mid-Ebb	Fine	Moderate	10:11	14	M	7	2	8.10	8.10	27.81	27.80	27.59	27.62	81.5	81.3	5.45	5.43		6.6	6.6	5.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	12/10/2019	Mid-Ebb	Fine	Moderate	10:11	14	M	7	3																					NA	NA	NA	NA		
SR13	12/10/2019	Mid-Ebb	Fine	Moderate	10:11	14	B	13	1	8.11		28.35		27.48		79.0		5.25			7.0			NA			NA			NA	NA	NA	NA		
SR13	12/10/2019	Mid-Ebb	Fine	Moderate	10:11	14	B	13	2	8.11	8.11	28.33	28.34	27.46	27.47	79.2	79.1	5.27	5.26		7.2	7.1		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	12/10/2019	Mid-Ebb	Fine	Moderate	10:11	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 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	12/10/2019	Mid-Ebb	Fine	Moderate	9:00	28	S	1	1	4			0.92			0.065			0.92	0.09	0.09	1.10			360			NA			4		
C1A	12/10/2019	Mid-Ebb	Fine	Moderate	9:00	28	S	1	2	5	5		0.20	0.56		0.014	0.039		0.20	0.11	0.10	0.41	0.87		370	365		NA	NA		3	3	
C1A	12/10/2019	Mid-Ebb	Fine	Moderate	9:00	28	S	1	3										0.91	0.09	0.09	1.09											
C1A	12/10/2019	Mid-Ebb	Fine	Moderate	9:00	28	M	14	1	4			0.18			0.013			0.18	0.11	0.10	0.39			510			NA			3		
C1A	12/10/2019	Mid-Ebb	Fine	Moderate	9:00	28	M	14	2	4	4	4	0.92	0.55	0.68	0.065	0.039	0.048	0.92	0.09	0.09	1.10	0.89	0.88	430	468	424	NA	NA	NA	3	3	3
C1A	12/10/2019	Mid-Ebb	Fine	Moderate	9:00	28	M	14	3										0.99	0.09	0.09	1.17											
C1A	12/10/2019	Mid-Ebb	Fine	Moderate	9:00	28	B	27	1	4			0.93			0.067			0.93	0.09	0.09	1.11			460			NA			3		
C1A	12/10/2019	Mid-Ebb	Fine	Moderate	9:00	28	B	27	2	5	5		0.94	0.94		0.067	0.067		0.94	0.09	0.09	1.12	0.90		430	445		NA	NA		3	3	
C1A	12/10/2019	Mid-Ebb	Fine	Moderate	9:00	28	B	27	3										0.26	0.11	0.10	0.47											
C2A	12/10/2019	Mid-Ebb	Fine	Moderate	10:24	13	S	1	1	4			0.29			0.017			0.29	0.11	0.10	0.50			2700			NA			4		
C2A	12/10/2019	Mid-Ebb	Fine	Moderate	10:24	13	S	1	2	4	4		0.96	0.63		0.057	0.037		0.96	0.10	0.10	1.16	0.72		2100	2381		NA	NA		4	4	
C2A	12/10/2019	Mid-Ebb	Fine	Moderate	10:24	13	S	1	3										0.28	0.11	0.10	0.49											
C2A	12/10/2019	Mid-Ebb	Fine	Moderate	10:24	13	M	6.5	1	4			0.98			0.060			0.98	0.09	0.08	1.15			2400			NA			3		
C2A	12/10/2019	Mid-Ebb	Fine	Moderate	10:24	13	M	6.5	2	4	4	5	0.98	0.98	0.63	0.060	0.060	0.038	0.98	0.10	0.10	1.18	0.94	0.71	2400	2400	2269	NA	NA	NA	3	3	4
C2A	12/10/2019	Mid-Ebb	Fine	Moderate	10:24	13	M	6.5	3										0.27	0.11	0.10	0.48											
C2A	12/10/2019	Mid-Ebb	Fine	Moderate	10:24	13	B	12	1	7			0.27			0.017			0.27	0.11	0.10	0.48			1900			NA			4		
C2A	12/10/2019	Mid-Ebb	Fine	Moderate	10:24	13	B	12	2	6	7		0.27	0.27		0.017	0.017		0.27	0.11	0.10	0.48	0.48		2200	2045		NA	NA		4	4	
C2A	12/10/2019	Mid-Ebb	Fine	Moderate	10:24	13	B	12	3										0.27	0.11	0.10	0.48											
G2	12/10/2019	Mid-Ebb	Fine	Moderate	9:30	12	S	1	1	4			NA			NA			0.29	0.11	0.10	0.50			NA			NA			NA		
G2	12/10/2019	Mid-Ebb	Fine	Moderate	9:30	12	S	1	2	3	4		NA	NA		NA	NA		0.28	0.10	0.10	0.48	0.50		NA	NA		NA	NA		NA	NA	
G2	12/10/2019	Mid-Ebb	Fine	Moderate	9:30	12	S	1	3										0.30	0.11	0.10	0.51											
G2	12/10/2019	Mid-Ebb	Fine	Moderate	9:30	12	M	6	1	3			NA			NA			0.30	0.11	0.10	0.51			NA			NA			NA		
G2	12/10/2019	Mid-Ebb	Fine	Moderate	9:30	12	M	6	2	3	3	3	NA	NA	NA	NA	NA	NA	0.30	0.10	0.10	0.50	0.51	0.50	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	12/10/2019	Mid-Ebb	Fine	Moderate	9:30	12	M	6	3										0.30	0.11	0.10	0.51											
G2	12/10/2019	Mid-Ebb	Fine	Moderate	9:30	12	B	11	1	3			NA			NA			0.29	0.11	0.10	0.50			NA			NA			NA		
G2	12/10/2019	Mid-Ebb	Fine	Moderate	9:30	12	B	11	2	3	3		NA	NA		NA	NA		0.31	0.11	0.10	0.52	0.51		NA	NA		NA	NA		NA	NA	
G2	12/10/2019	Mid-Ebb	Fine	Moderate	9:30	12	B	11	3										0.30	0.11	0.10	0.51											
SR4	12/10/2019	Mid-Ebb	Fine	Moderate	9:46	4	S	1	1	9			0.81			0.052			NA	NA	NA	NA			2600			NA			2		
SR4	12/10/2019	Mid-Ebb	Fine	Moderate	9:46	4	S	1	2	9	9		0.80	0.81		0.052	0.052		NA	NA	NA	NA	NA		2900	2746		NA	NA		2	2	
SR4	12/10/2019	Mid-Ebb	Fine	Moderate	9:46	4	S	1	3										NA	NA	NA	NA											
SR4	12/10/2019	Mid-Ebb	Fine	Moderate	9:46	4	M		1										NA	NA	NA	NA						NA					
SR4	12/10/2019	Mid-Ebb	Fine	Moderate	9:46	4	M		2		NA	8		NA	0.80		NA	0.052	NA	NA	NA	NA	NA	NA		NA	2619	NA	NA	NA		NA	2
SR4	12/10/2019	Mid-Ebb	Fine	Moderate	9:46	4	M		3										NA	NA	NA	NA											
SR4	12/10/2019	Mid-Ebb	Fine	Moderate	9:46	4	B	3	1	7			0.81			0.054			NA	NA	NA	NA			2400			NA			2		
SR4	12/10/2019	Mid-Ebb	Fine	Moderate	9:46	4	B	3	2	8	8		0.76	0.79		0.050	0.052		NA	NA	NA	NA	NA		2600	2498		NA	NA		2	2	
SR4	12/10/2019	Mid-Ebb	Fine	Moderate	9:46	4	B	3	3										NA	NA	NA	NA											
SR5	12/10/2019	Mid-Ebb	Fine	Moderate	9:17	11	S	1	1	4			NA			NA			0.68	0.09	0.09	0.86			NA			NA			NA		
SR5	12/10/2019	Mid-Ebb	Fine	Moderate	9:17	11	S	1	2	4	4		NA	NA		NA	NA		0.83	0.09	0.09	1.01	0.96		NA	NA		NA	NA		NA	NA	
SR5	12/10/2019	Mid-Ebb	Fine	Moderate	9:17	11	S	1	3										0.84	0.09	0.09	1.02											
SR5	12/10/2019	Mid-Ebb	Fine	Moderate	9:17	11	M	5.5	1	3			NA			NA			0.78	0.09	0.09	0.96			NA			NA			NA		
SR5	12/10/2019	Mid-Ebb	Fine	Moderate	9:17	11	M	5.5	2	3	3	4	NA	NA	NA	NA	NA	NA	0.67	0.10	0.09	0.86	0.93	0.78	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	12/10/2019	Mid-Ebb	Fine	Moderate	9:17	11	M	5.5	3										0.78	0.10	0.09	0.97											
SR5	12/10/2019	Mid-Ebb	Fine	Moderate	9:17	11	B	10	1	4			NA			NA			0.24	0.11	0.10	0.45			NA			NA			NA		
SR5	12/10/2019	Mid-Ebb	Fine	Moderate	9:17	11	B	10	2	4	4		NA	NA		NA	NA		0.26	0.11	0.10	0.47	0.45		NA	NA		NA	NA		NA	NA	
SR5	12/10/2019	Mid-Ebb	Fine	Moderate	9:17	11	B	10	3										0.21	0.11	0.10	0.42											
SR12	12/10/2019	Mid-Ebb	Fine	Moderate	9:58	15	S	1	1	8			0.84			0.053			NA	NA	NA	NA			3300			NA			2		
SR12	12/10/2019	Mid-Ebb	Fine	Moderate	9:58	15	S	1	2	8	8		0.86	0.85		0.055	0.054		NA	NA	NA	NA	NA		3000	3146		NA	NA		1	1	
SR12	12/10/2019	Mid-Ebb	Fine	Moderate	9:58	15	S	1	3										NA	NA	NA	NA											
SR12	12/10/2019	Mid-Ebb	Fine	Moderate	9:58	15	M	7.5	1	7			0.78			0.046			NA	NA	NA	NA			2300			NA			1		
SR12	12/10/2019	Mid-Ebb	Fine	Moderate	9:58	15	M	7.5	2	7	7	7	0.78	0.78	0.81	0.046	0.046	0.052	NA	NA	NA	NA	NA	NA	2700	2492	3099	NA	NA	NA	2	2	2
SR12	12/10/2019	Mid-Ebb	Fine	Moderate	9:58	15	M	7.5	3										NA	NA	NA	NA											
SR12	12/10/2019	Mid-Ebb	Fine	Moderate	9:58	15	B	14	1	6			0.83			0.056			NA	NA	NA	NA			3600			NA			2		
SR12	12/10/2019	Mid-Ebb	Fine	Moderate	9:58	15	B	14	2	7	7		0.78	0.81		0.053	0.054		NA	NA	NA	NA	NA		4000	3795		NA	NA		2	2	
SR12	12/10/2019	Mid-Ebb	Fine	Moderate	9:58	15	B	14	3										NA	NA	NA	NA											
SR13	12/10/2019	Mid-Ebb	Fine	Moderate	10:11	14	S	1	1	4			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	12/10/2019	Mid-Ebb	Fine	Moderate	10:11	14	S	1	2	4	4		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	12/10/2019	Mid-Ebb	Fine	Moderate	10:11	14	S	1	3										NA	NA	NA	NA											
SR13	12/10/2019	Mid-Ebb	Fine	Moderate	10:11	14	M	7	1	4			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	12/10/2019	Mid-Ebb	Fine	Moderate	10:11	14	M	7	2	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	12/10/2019	Mid-Ebb	Fine	Moderate	10:11	14	M	7	3										NA	NA	NA	NA											
SR13	12/10/2019	Mid-Ebb	Fine	Moderate	10:11	14	B	13	1	4			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	12/10/2019	Mid-Ebb	Fine	Moderate	10:11	14	B	13	2	4	4		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	12/10/2019	Mid-Ebb	Fine	Moderate	10:11	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 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	Value	Ave.	Depth	Value	Ave.	Depth	Value	Value	Value	Value	Ave.	Depth
C1A	15/10/2019	Mid-Flood	Cloudy	Moderate	8:51	28	S	1	1	8.16		29.63		28.91		82.7		5.42			3.0			0.16			0.013			0.16	0.08	0.08	0.32		
C1A	15/10/2019	Mid-Flood	Cloudy	Moderate	8:51	28	S	1	2	8.15	8.16	29.66	29.65	28.92	28.92	82.6	82.7	5.40	5.41		3.0	3.0		0.16	0.16		0.013	0.013		0.16	0.08	0.08	0.32	0.32	
C1A	15/10/2019	Mid-Flood	Cloudy	Moderate	8:51	28	S	1	3																					0.16	0.08	0.08	0.32		
C1A	15/10/2019	Mid-Flood	Cloudy	Moderate	8:51	28	M	14	1	8.14		29.90		28.93		80.5		5.25			2.9			0.17			0.013			0.17	0.09	0.08	0.34		
C1A	15/10/2019	Mid-Flood	Cloudy	Moderate	8:51	28	M	14	2	8.14	8.14	29.92	29.91	28.93	28.93	80.5	80.5	5.25	5.25	5.33	2.9	2.9	3.4	0.17	0.17	0.16	0.013	0.013	0.013	0.17	0.09	0.08	0.34	0.34	0.33
C1A	15/10/2019	Mid-Flood	Cloudy	Moderate	8:51	28	M	14	3																					0.17	0.09	0.08	0.34		
C1A	15/10/2019	Mid-Flood	Cloudy	Moderate	8:51	28	B	27	1	8.14		30.08		28.93		79.7		5.20			4.4			0.16			0.012			0.16	0.09	0.09	0.34		
C1A	15/10/2019	Mid-Flood	Cloudy	Moderate	8:51	28	B	27	2	8.14	8.14	30.10	30.09	28.94	28.94	79.7	79.7	5.20	5.20		4.4	4.4		0.16	0.16		0.012	0.012		0.16	0.09	0.09	0.34	0.34	
C1A	15/10/2019	Mid-Flood	Cloudy	Moderate	8:51	28	B	27	3																					0.16	0.09	0.09	0.34		
C2A	15/10/2019	Mid-Flood	Cloudy	Moderate	7:32	12	S	1	1	7.96		30.73		28.73		74.4		4.84			0.8			0.39			0.020			0.39	0.06	0.06	0.51		
C2A	15/10/2019	Mid-Flood	Cloudy	Moderate	7:32	12	S	1	2	7.96	7.96	30.72	30.73	28.74	28.74	74.1	74.3	4.86	4.85		0.8	0.8		0.39	0.39		0.020	0.020		0.39	0.06	0.06	0.51	0.51	
C2A	15/10/2019	Mid-Flood	Cloudy	Moderate	7:32	12	S	1	3																					0.38	0.06	0.06	0.50		
C2A	15/10/2019	Mid-Flood	Cloudy	Moderate	7:32	12	M	6	1	8.06		30.79		28.85		72.6		4.72		4.78	1.0			0.37			0.024			0.37	0.06	0.06	0.49		
C2A	15/10/2019	Mid-Flood	Cloudy	Moderate	7:32	12	M	6	2	8.05	8.06	30.78	30.79	28.86	28.86	72.5	72.6	4.71	4.72		1.0	1.0	0.8	0.37	0.37	0.39	0.024	0.024	0.023	0.37	0.06	0.06	0.49	0.49	0.51
C2A	15/10/2019	Mid-Flood	Cloudy	Moderate	7:32	12	M	6	3																					0.37	0.06	0.06	0.49		
C2A	15/10/2019	Mid-Flood	Cloudy	Moderate	7:32	12	B	11	1	8.06		30.83		28.86		72.3		4.70			0.7			0.40			0.026			0.40	0.07	0.07	0.54		
C2A	15/10/2019	Mid-Flood	Cloudy	Moderate	7:32	12	B	11	2	8.06	8.06	30.86	30.85	28.85	28.86	72.0	72.2	4.68	4.69		0.7	0.7		0.40	0.40		0.026	0.026		0.40	0.07	0.07	0.54	0.54	
C2A	15/10/2019	Mid-Flood	Cloudy	Moderate	7:32	12	B	11	3																					0.41	0.07	0.07	0.55		
G2	15/10/2019	Mid-Flood	Cloudy	Moderate	8:24	12	S	1	1	8.15		29.21		28.89		84.3		5.53			0.8			NA			NA			0.18	0.09	0.08	0.35		
G2	15/10/2019	Mid-Flood	Cloudy	Moderate	8:24	12	S	1	2	8.15	8.15	29.22	29.22	28.88	28.89	84.1	84.2	5.51	5.52		0.8	0.8		NA	NA		NA	NA		0.18	0.09	0.08	0.35	0.35	
G2	15/10/2019	Mid-Flood	Cloudy	Moderate	8:24	12	S	1	3																					0.18	0.09	0.08	0.35		
G2	15/10/2019	Mid-Flood	Cloudy	Moderate	8:24	12	M	6	1	8.14		29.48		28.91		81.6		5.34		5.43	1.0			NA			NA			0.17	0.09	0.08	0.34		
G2	15/10/2019	Mid-Flood	Cloudy	Moderate	8:24	12	M	6	2	8.14	8.14	29.48	29.48	28.90	28.91	81.5	81.6	5.33	5.34		1.0	1.0	1.9	NA	NA	NA	NA	NA	NA	0.17	0.09	0.08	0.34	0.34	0.35
G2	15/10/2019	Mid-Flood	Cloudy	Moderate	8:24	12	M	6	3																					0.17	0.09	0.08	0.34		
G2	15/10/2019	Mid-Flood	Cloudy	Moderate	8:24	12	B	11	1	8.13		29.97		28.96		77.5		5.06			3.8			NA			NA			0.17	0.10	0.09	0.36		
G2	15/10/2019	Mid-Flood	Cloudy	Moderate	8:24	12	B	11	2	8.13	8.13	29.99	29.98	28.99	28.98	77.3	77.4	5.03	5.05		3.8	3.8		NA	NA		NA	NA		0.17	0.10	0.09	0.36	0.36	
G2	15/10/2019	Mid-Flood	Cloudy	Moderate	8:24	12	B	11	3																					0.17	0.10	0.09	0.36		
SR4	15/10/2019	Mid-Flood	Cloudy	Moderate	8:10	4	S	1	1	8.12		30.09		28.92		75.3		4.91			1.8			0.19			0.014			NA	NA	NA	NA		
SR4	15/10/2019	Mid-Flood	Cloudy	Moderate	8:10	4	S	1	2	8.13	8.13	30.08	30.09	28.93	28.93	75.2	75.3	4.90	4.91		1.8	1.8		0.19	0.19		0.014	0.014		NA	NA	NA	NA	NA	
SR4	15/10/2019	Mid-Flood	Cloudy	Moderate	8:10	4	S	1	3																					NA	NA	NA	NA		
SR4	15/10/2019	Mid-Flood	Cloudy	Moderate	8:10	4	M		1											4.91										NA	NA	NA	NA		
SR4	15/10/2019	Mid-Flood	Cloudy	Moderate	8:10	4	M		2		NA		NA		NA		NA		NA			NA	1.8		NA	0.19		NA	0.014	NA	NA	NA	NA	NA	NA
SR4	15/10/2019	Mid-Flood	Cloudy	Moderate	8:10	4	M		3																					NA	NA	NA	NA		
SR4	15/10/2019	Mid-Flood	Cloudy	Moderate	8:10	4	B	3	1	8.11		30.13		28.94		75.1		4.89			1.8			0.18			0.013			NA	NA	NA	NA		
SR4	15/10/2019	Mid-Flood	Cloudy	Moderate	8:10	4	B	3	2	8.11	8.11	30.12	30.13	28.93	28.94	75.0	75.1	4.88	4.89		1.8	1.8		0.18	0.18		0.013	0.013		NA	NA	NA	NA	NA	
SR4	15/10/2019	Mid-Flood	Cloudy	Moderate	8:10	4	B	3	3																					NA	NA	NA	NA		
SR5	15/10/2019	Mid-Flood	Cloudy	Moderate	8:35	11	S	1	1	8.15		29.94		28.88		83.0		5.43			2.1			NA			NA			0.17	0.09	0.08	0.34		
SR5	15/10/2019	Mid-Flood	Cloudy	Moderate	8:35	11	S	1	2	8.15	8.15	29.95	29.95	28.89	28.89	82.3	82.7	5.38	5.41		2.1	2.1		NA	NA		NA	NA		0.16	0.09	0.08	0.33	0.34	
SR5	15/10/2019	Mid-Flood	Cloudy	Moderate	8:35	11	S	1	3																					0.17	0.09	0.08	0.34		
SR5	15/10/2019	Mid-Flood	Cloudy	Moderate	8:35	11	M	5.5	1	8.14		30.10		28.96		79.9		5.20		5.30	3.6			NA			NA			0.16	0.09	0.08	0.33		
SR5	15/10/2019	Mid-Flood	Cloudy	Moderate	8:35	11	M	5.5	2	8.15	8.15	30.12	30.11	28.97	28.97	79.8	79.9	5.20	5.20		3.6	3.6	3.4	NA	NA	NA	NA	NA	NA	0.16	0.09	0.08	0.33	0.33	0.34
SR5	15/10/2019	Mid-Flood	Cloudy	Moderate	8:35	11	M	5.5	3																					0.16	0.09	0.08	0.33		
SR5	15/10/2019	Mid-Flood	Cloudy	Moderate	8:35	11	B	10	1	8.14		30.38		28.96		79.0		5.14			4.5			NA			NA			0.16	0.10	0.09	0.35		
SR5	15/10/2019	Mid-Flood	Cloudy	Moderate	8:35	11	B	10	2	8.14	8.14	30.39	30.39	28.98	28.97	79.0	79.0	5.14	5.14		4.5	4.5		NA	NA		NA	NA		0.16	0.10	0.09	0.35	0.35	
SR5	15/10/2019	Mid-Flood	Cloudy	Moderate	8:35	11	B	10	3																					0.16	0.10	0.09	0.35		
SR12	15/10/2019	Mid-Flood	Cloudy	Moderate	7:58	15	S	1	1	8.12		30.34		28.96		74.7		4.86			1.6			0.22			0.016			NA	NA	NA	NA		
SR12	15/10/2019	Mid-Flood	Cloudy	Moderate	7:58	15	S	1	2	8.12	8.12	30.36	30.35	28.97	28.97	74.5	74.6	4.85	4.86		1.6	1.6		0.22	0.22		0.016	0.016		NA	NA	NA	NA	NA	
SR12	15/10/2019	Mid-Flood	Cloudy	Moderate	7:58	15	S	1	3																					NA	NA	NA	NA		
SR12	15/10/2019	Mid-Flood	Cloudy	Moderate	7:58	15	M	7.5	1	8.10		30.32		28.99		73.0		4.75		4.80	2.2			0.23			0.016			NA	NA	NA	NA		
SR12	15/10/2019	Mid-Flood	Cloudy	Moderate	7:58	15	M	7.5	2	8.10	8.10	30.32	30.32	29.01	29.00	73.0	73.0	4.75	4.75		2.2	2.2	2.1	0.23	0.23	0.22	0.016	0.016	0.016	NA	NA	NA	NA	NA	NA
SR12	15/10/2019	Mid-Flood	Cloudy	Moderate	7:58	15	M	7.5	3																					NA	NA	NA	NA		
SR12	15/10/2019	Mid-Flood	Cloudy	Moderate	7:58	15	B	14	1	8.10		30.42		29.02		72.7		4.73			2.5			0.21			0.015			NA	NA	NA	NA		
SR12	15/10/2019	Mid-Flood	Cloudy	Moderate	7:58	15	B	14	2	8.10	8.10	30.45	30.44	29.03	29.03	72.5	72.6	4.71	4.72		2.5	2.5		0.21	0.21		0.015	0.015		NA	NA	NA	NA	NA	
SR12	15/10/2019	Mid-Flood	Cloudy	Moderate	7:58	15	B	14	3																					NA	NA	NA	NA		
SR13	15/10/2019	Mid-Flood	Cloudy	Moderate	7:44	14	S	1	1	8.10		30.23		28.93		76.5		4.65			0.2			NA			NA			NA	NA	NA	NA		
SR13	15/10/2019	Mid-Flood	Cloudy	Moderate	7:44	14	S	1	2	8.10	8.10	30.25	30.24	28.92	28.93	76.1	76.3	4.64	4.65		0.2	0.2		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	15/10/2019	Mid-Flood	Cloudy	Moderate	7:44	14	S	1	3																					NA	NA	NA	NA		
SR13	15/10/2019	Mid-Flood	Cloudy	Moderate	7:44	14	M	7	1	8.09		30.32		28.96		73.3		4.77		4.71	1.0			NA			NA			NA	NA	NA	NA		
SR13	15/10/2019	Mid-Flood	Cloudy	Moderate	7:44	14	M	7	2	8.09	8.09	30.31	30.32	28.95	28.96	73.2	73.3	4.76	4.77		1.1	1.1	0.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	15/10/2019	Mid-Flood	Cloudy	Moderate	7:44	14	M	7	3																					NA	NA	NA	NA		
SR13	15/10/2019	Mid-Flood	Cloudy	Moderate	7:44	14	B	13	1	8.09		30.51		28.94		73.0		4.75			1.3			NA			NA			NA	NA	NA	NA		
SR13	15/10/2019	Mid-Flood	Cloudy	Moderate	7:44	14	B	13	2	8.09	8.09	30.53	30.52	28.93	28.94	73.1	73.1	4.75	4.75		1.4	1.3		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	15/10/2019	Mid-Flood	Cloudy	Moderate	7:44	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 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	15/10/2019	Mid-Flood	Cloudy	Moderate	8:51	28	S	1	1	11			0.15			0.012			0.15	0.08	0.08	0.31			790			NA			<1		
C1A	15/10/2019	Mid-Flood	Cloudy	Moderate	8:51	28	S	1	2	11	11		0.15	0.15		0.012	0.012		0.15	0.08	0.08	0.31	0.31		570	671		NA	NA		<1	1	
C1A	15/10/2019	Mid-Flood	Cloudy	Moderate	8:51	28	S	1	3										0.16	0.08	0.08	0.32											
C1A	15/10/2019	Mid-Flood	Cloudy	Moderate	8:51	28	M	14	1	9			0.16			0.012			0.16	0.09	0.08	0.33			510			NA			<1		
C1A	15/10/2019	Mid-Flood	Cloudy	Moderate	8:51	28	M	14	2	10	10	10	0.17	0.17	0.16	0.013	0.013	0.012	0.17	0.08	0.08	0.33	0.33	0.32	690	593	616	NA	NA	NA	<1	1	1
C1A	15/10/2019	Mid-Flood	Cloudy	Moderate	8:51	28	M	14	3										0.17	0.08	0.08	0.33											
C1A	15/10/2019	Mid-Flood	Cloudy	Moderate	8:51	28	B	27	1	10			0.16			0.012			0.16	0.08	0.08	0.32			640			NA			<1		
C1A	15/10/2019	Mid-Flood	Cloudy	Moderate	8:51	28	B	27	2	9	10		0.15	0.16		0.012	0.012		0.15	0.08	0.08	0.31	0.31		540	588		NA	NA		<1	1	
C1A	15/10/2019	Mid-Flood	Cloudy	Moderate	8:51	28	B	27	3										0.15	0.08	0.08	0.31											
C2A	15/10/2019	Mid-Flood	Cloudy	Moderate	7:32	12	S	1	1	6			0.39			0.020			0.39	0.06	0.05	0.50			1100			NA			<1		
C2A	15/10/2019	Mid-Flood	Cloudy	Moderate	7:32	12	S	1	2	6	6		0.40	0.40		0.021	0.020		0.40	0.06	0.06	0.52	0.50		1400	1241		NA	NA		<1	1	
C2A	15/10/2019	Mid-Flood	Cloudy	Moderate	7:32	12	S	1	3										0.37	0.06	0.06	0.49											
C2A	15/10/2019	Mid-Flood	Cloudy	Moderate	7:32	12	M	6	1	5			0.37			0.024			0.37	0.06	0.05	0.48			1300			NA			<1		
C2A	15/10/2019	Mid-Flood	Cloudy	Moderate	7:32	12	M	6	2	6	6	6	0.36	0.37	0.39	0.023	0.023	0.023	0.36	0.06	0.06	0.48	0.48	0.50	1100	1196	1195	NA	NA	NA	<1	1	1
C2A	15/10/2019	Mid-Flood	Cloudy	Moderate	7:32	12	M	6	3										0.36	0.06	0.06	0.48											
C2A	15/10/2019	Mid-Flood	Cloudy	Moderate	7:32	12	B	11	1	7			0.39			0.025			0.39	0.06	0.06	0.51			1200			NA			<1		
C2A	15/10/2019	Mid-Flood	Cloudy	Moderate	7:32	12	B	11	2	7	7		0.40	0.40		0.026	0.025		0.40	0.07	0.06	0.53	0.52		1100	1149		NA	NA		<1	1	
C2A	15/10/2019	Mid-Flood	Cloudy	Moderate	7:32	12	B	11	3										0.41	0.06	0.05	0.52											
G2	15/10/2019	Mid-Flood	Cloudy	Moderate	8:24	12	S	1	1	5			NA			NA			0.16	0.09	0.08	0.33			NA			NA			NA		
G2	15/10/2019	Mid-Flood	Cloudy	Moderate	8:24	12	S	1	2	5	5		NA	NA		NA	NA		0.18	0.09	0.08	0.35	0.34		NA	NA		NA	NA		NA	NA	
G2	15/10/2019	Mid-Flood	Cloudy	Moderate	8:24	12	S	1	3										0.17	0.09	0.08	0.34											
G2	15/10/2019	Mid-Flood	Cloudy	Moderate	8:24	12	M	6	1	5			NA			NA			0.17	0.09	0.07	0.33			NA			NA			NA		
G2	15/10/2019	Mid-Flood	Cloudy	Moderate	8:24	12	M	6	2	5	5	5	NA	NA	NA	NA	NA	NA	0.18	0.09	0.08	0.35	0.34	0.34	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	15/10/2019	Mid-Flood	Cloudy	Moderate	8:24	12	M	6	3										0.17	0.09	0.08	0.34											
G2	15/10/2019	Mid-Flood	Cloudy	Moderate	8:24	12	B	11	1	5			NA			NA			0.17	0.09	0.08	0.34			NA			NA			NA		
G2	15/10/2019	Mid-Flood	Cloudy	Moderate	8:24	12	B	11	2	5	5		NA	NA		NA	NA		0.15	0.09	0.08	0.32	0.34		NA	NA		NA	NA		NA	NA	
G2	15/10/2019	Mid-Flood	Cloudy	Moderate	8:24	12	B	11	3										0.17	0.09	0.09	0.35											
SR4	15/10/2019	Mid-Flood	Cloudy	Moderate	8:10	4	S	1	1	6			0.18			0.013			NA	NA	NA	NA			2300			NA			<1		
SR4	15/10/2019	Mid-Flood	Cloudy	Moderate	8:10	4	S	1	2	5	6		0.18	0.18		0.013	0.013		NA	NA	NA	NA	NA		2600	2445		NA	NA		<1	1	
SR4	15/10/2019	Mid-Flood	Cloudy	Moderate	8:10	4	S	1	3										NA	NA	NA	NA											
SR4	15/10/2019	Mid-Flood	Cloudy	Moderate	8:10	4	M		1										NA	NA	NA	NA						NA					
SR4	15/10/2019	Mid-Flood	Cloudy	Moderate	8:10	4	M		2		NA	7		NA	0.18		NA	0.013	NA	NA	NA	NA	NA	NA		NA	2616	NA	NA	NA		NA	1
SR4	15/10/2019	Mid-Flood	Cloudy	Moderate	8:10	4	M		3										NA	NA	NA	NA											
SR4	15/10/2019	Mid-Flood	Cloudy	Moderate	8:10	4	B	3	1	8			0.17			0.012			NA	NA	NA	NA			2700			NA			<1		
SR4	15/10/2019	Mid-Flood	Cloudy	Moderate	8:10	4	B	3	2	8	8		0.18	0.18		0.013	0.013		NA	NA	NA	NA	NA		2900	2798		NA	NA		<1	1	
SR4	15/10/2019	Mid-Flood	Cloudy	Moderate	8:10	4	B	3	3										NA	NA	NA	NA											
SR5	15/10/2019	Mid-Flood	Cloudy	Moderate	8:35	11	S	1	1	6			NA			NA			0.18	0.09	0.08	0.35			NA			NA			NA		
SR5	15/10/2019	Mid-Flood	Cloudy	Moderate	8:35	11	S	1	2	5	6		NA	NA		NA	NA		0.16	0.09	0.08	0.33	0.33		NA	NA		NA	NA		NA	NA	
SR5	15/10/2019	Mid-Flood	Cloudy	Moderate	8:35	11	S	1	3										0.14	0.08	0.08	0.30											
SR5	15/10/2019	Mid-Flood	Cloudy	Moderate	8:35	11	M	5.5	1	5			NA			NA			0.15	0.08	0.08	0.31			NA			NA			NA		
SR5	15/10/2019	Mid-Flood	Cloudy	Moderate	8:35	11	M	5.5	2	5	5	5	NA	NA	NA	NA	NA	NA	0.15	0.09	0.07	0.31	0.31	0.32	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	15/10/2019	Mid-Flood	Cloudy	Moderate	8:35	11	M	5.5	3										0.16	0.09	0.07	0.32											
SR5	15/10/2019	Mid-Flood	Cloudy	Moderate	8:35	11	B	10	1	5			NA			NA			0.15	0.08	0.08	0.31			NA			NA			NA		
SR5	15/10/2019	Mid-Flood	Cloudy	Moderate	8:35	11	B	10	2	5	5		NA	NA		NA	NA		0.15	0.09	0.08	0.32	0.32		NA	NA		NA	NA		NA	NA	
SR5	15/10/2019	Mid-Flood	Cloudy	Moderate	8:35	11	B	10	3										0.15	0.09	0.08	0.32											
SR12	15/10/2019	Mid-Flood	Cloudy	Moderate	7:58	15	S	1	1	11			0.20			0.015			NA	NA	NA	NA			2400			NA			<1		
SR12	15/10/2019	Mid-Flood	Cloudy	Moderate	7:58	15	S	1	2	11	11		0.21	0.21		0.016	0.015		NA	NA	NA	NA	NA		2700	2546		NA	NA		<1	1	
SR12	15/10/2019	Mid-Flood	Cloudy	Moderate	7:58	15	S	1	3										NA	NA	NA	NA											
SR12	15/10/2019	Mid-Flood	Cloudy	Moderate	7:58	15	M	7.5	1	8			0.19			0.014			NA	NA	NA	NA			3000			NA			<1		
SR12	15/10/2019	Mid-Flood	Cloudy	Moderate	7:58	15	M	7.5	2	8	8	9	0.20	0.20	0.20	0.014	0.014	0.014	NA	NA	NA	NA	NA	NA	2800	2898	2749	NA	NA	NA	<1	1	1
SR12	15/10/2019	Mid-Flood	Cloudy	Moderate	7:58	15	M	7.5	3										NA	NA	NA	NA											
SR12	15/10/2019	Mid-Flood	Cloudy	Moderate	7:58	15	B	14	1	8			0.20			0.014			NA	NA	NA	NA			2400			NA			<1		
SR12	15/10/2019	Mid-Flood	Cloudy	Moderate	7:58	15	B	14	2	8	8		0.19	0.20		0.014	0.014		NA	NA	NA	NA	NA		3300	2814		NA	NA		<1	1	
SR12	15/10/2019	Mid-Flood	Cloudy	Moderate	7:58	15	B	14	3										NA	NA	NA	NA											
SR13	15/10/2019	Mid-Flood	Cloudy	Moderate	7:44	14	S	1	1	4			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	15/10/2019	Mid-Flood	Cloudy	Moderate	7:44	14	S	1	2	4	4		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	15/10/2019	Mid-Flood	Cloudy	Moderate	7:44	14	S	1	3										NA	NA	NA	NA											
SR13	15/10/2019	Mid-Flood	Cloudy	Moderate	7:44	14	M	7	1	4			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	15/10/2019	Mid-Flood	Cloudy	Moderate	7:44	14	M	7	2	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	15/10/2019	Mid-Flood	Cloudy	Moderate	7:44	14	M	7	3										NA	NA	NA	NA											
SR13	15/10/2019	Mid-Flood	Cloudy	Moderate	7:44	14	B	13	1	5			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	15/10/2019	Mid-Flood	Cloudy	Moderate	7:44	14	B	13	2	5	5		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	15/10/2019	Mid-Flood	Cloudy	Moderate	7:44	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 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-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth	Value	Ave.	Depth	Value	Ave.	Depth	Value	Value	Value	Value	Ave.	Depth
C1A	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:07	28	S	1	1	8.15		29.63		28.90		82.4		5.39			3.0			0.15			0.012			0.15	0.09	0.08	0.32		
C1A	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:07	28	S	1	2	8.15	8.15	29.62	29.63	28.90	28.90	82.6	82.5	5.41	5.40		3.0	3.0		0.15	0.15		0.012	0.012		0.15	0.10	0.08	0.33	0.32	
C1A	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:07	28	S	1	3																					0.15	0.09	0.08	0.32		
C1A	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:07	28	M	14	1	8.14		29.87		28.93		81.3		5.31			2.9			0.16			0.012			0.16	0.09	0.08	0.33		
C1A	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:07	28	M	14	2	8.14	8.14	29.88	29.88	28.92	28.93	81.1	81.2	5.29	5.30	5.35	2.9	2.9	3.4	0.16	0.16	0.16	0.012	0.012	0.012	0.16	0.09	0.08	0.33	0.33	0.33
C1A	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:07	28	M	14	3																					0.16	0.09	0.08	0.33		
C1A	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:07	28	B	27	1	8.14		30.15		28.93		79.8		5.21			4.2			0.16			0.012			0.16	0.10	0.09	0.35		
C1A	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:07	28	B	27	2	8.14	8.14	30.17	30.16	28.94	28.94	79.3	79.6	5.17	5.19		4.5	4.3		0.16	0.16		0.012	0.012		0.16	0.10	0.09	0.35	0.35	
C1A	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:07	28	B	27	3																					0.16	0.10	0.09	0.35		
C2A	15/10/2019	Mid-Ebb	Cloudy	Moderate	12:22	13	S	1	1	8.04		30.69		28.80		73.3		4.77			0.6			0.37			0.023			0.37	0.06	0.06	0.49		
C2A	15/10/2019	Mid-Ebb	Cloudy	Moderate	12:22	13	S	1	2	8.05	8.05	30.68	30.69	28.80	28.80	73.3	73.3	4.77	4.77		0.6	0.6		0.37	0.37		0.023	0.023		0.37	0.06	0.06	0.49	0.49	
C2A	15/10/2019	Mid-Ebb	Cloudy	Moderate	12:22	13	S	1	3																					0.37	0.06	0.06	0.49		
C2A	15/10/2019	Mid-Ebb	Cloudy	Moderate	12:22	13	M	6.5	1	8.06		30.76		28.82		72.5		4.71		4.74	0.7			0.37			0.024			0.37	0.06	0.06	0.49		
C2A	15/10/2019	Mid-Ebb	Cloudy	Moderate	12:22	13	M	6.5	2	8.06	8.06	30.80	30.78	28.85	28.84	72.4	72.5	4.70	4.71		0.8	0.8	0.7	0.37	0.37	0.37	0.024	0.024	0.024	0.37	0.06	0.06	0.49	0.49	0.50
C2A	15/10/2019	Mid-Ebb	Cloudy	Moderate	12:22	13	M	6.5	3																					0.37	0.06	0.06	0.49		
C2A	15/10/2019	Mid-Ebb	Cloudy	Moderate	12:22	13	B	12	1	8.07		30.84		28.86		72.2		4.70			0.9			0.38			0.025			0.38	0.07	0.07	0.52		
C2A	15/10/2019	Mid-Ebb	Cloudy	Moderate	12:22	13	B	12	2	8.07	8.07	30.85	30.85	28.87	28.87	72.4	72.3	4.72	4.71		0.9	0.9		0.38	0.38		0.025	0.025		0.38	0.07	0.07	0.52	0.52	
C2A	15/10/2019	Mid-Ebb	Cloudy	Moderate	12:22	13	B	12	3																					0.37	0.07	0.07	0.51		
G2	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:33	12	S	1	1	8.14		29.20		28.88		84.0		5.50			0.9			NA			NA			0.17	0.08	0.08	0.33		
G2	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:33	12	S	1	2	8.14	8.14	29.19	29.20	28.87	28.88	84.2	84.1	5.52	5.51		0.9	0.9		NA	NA		NA	NA		0.17	0.09	0.08	0.34	0.34	
G2	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:33	12	S	1	3																					0.17	0.09	0.08	0.34		
G2	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:33	12	M	6	1	8.14		29.45		28.92		81.3		5.31		5.40	1.0			NA			NA			0.16	0.09	0.08	0.33		
G2	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:33	12	M	6	2	8.14	8.14	29.45	29.45	28.93	28.93	81.0	81.2	5.28	5.30		1.0	1.0	1.9	NA	NA	NA	NA	NA	NA	0.16	0.09	0.08	0.33	0.33	0.34
G2	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:33	12	M	6	3																					0.16	0.09	0.08	0.33		
G2	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:33	12	B	11	1	8.12		29.96		29.00		77.1		5.00			3.8			NA			NA			0.16	0.10	0.09	0.35		
G2	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:33	12	B	11	2	8.12	8.12	29.98	29.97	28.99	29.00	77.3	77.2	5.03	5.02		3.8	3.8		NA	NA		NA	NA		0.16	0.10	0.09	0.35	0.35	
G2	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:33	12	B	11	3																					0.16	0.10	0.09	0.35		
SR4	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:46	4	S	1	1	8.13		30.07		28.93		75.2		4.90			1.8			0.20			0.015			NA	NA	NA	NA		
SR4	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:46	4	S	1	2	8.13	8.13	30.05	30.06	28.92	28.93	75.4	75.3	4.93	4.92		1.8	1.8		0.21	0.21		0.016	0.015		NA	NA	NA	NA	NA	
SR4	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:46	4	S	1	3																					NA	NA	NA	NA		
SR4	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:46	4	M		1											4.92										NA	NA	NA	NA		
SR4	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:46	4	M		2		NA		NA		NA		NA		NA			NA	1.7		NA	0.20		NA	0.015	NA	NA	NA	NA	NA	NA
SR4	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:46	4	M		3																					NA	NA	NA	NA		
SR4	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:46	4	B	3	1	8.11		30.14		28.94		75.2		4.90			1.6			0.20			0.014			NA	NA	NA	NA		
SR4	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:46	4	B	3	2	8.11	8.11	30.15	30.15	28.93	28.94	75.0	75.1	4.88	4.89		1.6	1.6		0.20	0.20		0.014	0.014		NA	NA	NA	NA	NA	
SR4	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:46	4	B	3	3																					NA	NA	NA	NA		
SR5	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:21	11	S	1	1	8.15		29.93		28.88		82.4		5.41			2.1			NA			NA			0.15	0.09	0.08	0.32		
SR5	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:21	11	S	1	2	8.16	8.16	29.97	29.95	28.86	28.87	82.5	82.5	5.40	5.41		2.1	2.1		NA	NA		NA	NA		0.15	0.09	0.08	0.32	0.32	
SR5	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:21	11	S	1	3																					0.15	0.09	0.08	0.32		
SR5	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:21	11	M	5.5	1	8.15		30.13		28.96		79.8		5.20		5.30	3.6			NA			NA			0.16	0.09	0.08	0.33		
SR5	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:21	11	M	5.5	2	8.15	8.15	30.14	30.14	28.97	28.97	79.5	79.7	5.17	5.19		3.6	3.6	3.4	NA	NA	NA	NA	NA	NA	0.16	0.09	0.08	0.33	0.33	0.33
SR5	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:21	11	M	5.5	3																					0.16	0.09	0.08	0.33		
SR5	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:21	11	B	10	1	8.14		30.41		28.99		78.2		5.06			4.5			NA			NA			0.16	0.09	0.09	0.34		
SR5	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:21	11	B	10	2	8.14	8.14	30.42	30.42	28.98	28.99	78.0	78.1	5.04	5.05		4.5	4.5		NA	NA		NA	NA		0.16	0.09	0.09	0.34	0.34	
SR5	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:21	11	B	10	3																					0.16	0.09	0.09	0.34		
SR12	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:58	15	S	1	1	8.13		30.35		28.96		74.7		4.87			1.6			0.20			0.015			NA	NA	NA	NA		
SR12	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:58	15	S	1	2	8.12	8.13	30.36	30.36	28.95	28.96	74.5	74.6	4.85	4.86		1.6	1.6		0.20	0.20		0.015	0.015		NA	NA	NA	NA	NA	
SR12	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:58	15	S	1	3																					NA	NA	NA	NA		
SR12	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:58	15	M	7.5	1	8.11		30.37		28.97		73.2		4.77		4.83	2.1			0.21			0.015			NA	NA	NA	NA		
SR12	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:58	15	M	7.5	2	8.11	8.11	30.38	30.38	28.99	28.98	73.4	73.3	4.81	4.79		2.1	2.1	2.1	0.21	0.21	0.21	0.015	0.015	0.015	NA	NA	NA	NA	NA	NA
SR12	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:58	15	M	7.5	3																					NA	NA	NA	NA		
SR12	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:58	15	B	14	1	8.10		30.46		29.02		72.3		4.68			2.5			0.21			0.015			NA	NA	NA	NA		
SR12	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:58	15	B	14	2	8.10	8.10	30.49	30.48	29.03	29.03	72.5	72.4	4.71	4.70		2.5	2.5		0.21	0.21		0.015	0.015		NA	NA	NA	NA	NA	
SR12	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:58	15	B	14	3																					NA	NA	NA	NA		
SR13	15/10/2019	Mid-Ebb	Cloudy	Moderate	12:10	14	S	1	1	8.10		30.20		28.93		76.2		4.64			0.2			NA			NA			NA	NA	NA	NA		
SR13	15/10/2019	Mid-Ebb	Cloudy	Moderate	12:10	14	S	1	2	8.10	8.10	30.21	30.21	28.94	28.94	76.1	76.2	4.64	4.64		0.2	0.2		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	15/10/2019	Mid-Ebb	Cloudy	Moderate	12:10	14	S	1	3																					NA	NA	NA	NA		
SR13	15/10/2019	Mid-Ebb	Cloudy	Moderate	12:10	14	M	7	1	8.09		30.32		28.96		73.5		4.78		4.71	1.1			NA			NA			NA	NA	NA	NA		
SR13	15/10/2019	Mid-Ebb	Cloudy	Moderate	12:10	14	M	7	2	8.09	8.09	30.34	30.33	28.96	28.96	73.2	73.4	4.76	4.77		1.1	1.1	0.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	15/10/2019	Mid-Ebb	Cloudy	Moderate	12:10	14	M	7	3																					NA	NA	NA	NA		
SR13	15/10/2019	Mid-Ebb	Cloudy	Moderate	12:10	14	B	13	1	8.09		30.52		28.94		72.8		4.73			1.3			NA			NA			NA	NA	NA	NA		
SR13	15/10/2019	Mid-Ebb	Cloudy	Moderate	12:10	14	B	13	2	8.09	8.09	30.55	30.54	28.94	28.94	73.0	72.9	4.75	4.74		1.4	1.3		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	15/10/2019	Mid-Ebb	Cloudy	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 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	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:07	28	S	1	1	9			0.15			0.012			0.15	0.08	0.08	0.31			830			NA			<1		
C1A	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:07	28	S	1	2	9	9		0.16	0.16		0.013	0.012		0.16	0.10	0.07	0.33	0.32		890	859		NA	NA		<1	1	
C1A	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:07	28	S	1	3										0.15	0.09	0.08	0.32											
C1A	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:07	28	M	14	1	7			0.15			0.012			0.15	0.09	0.08	0.32			740			NA			<1		
C1A	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:07	28	M	14	2	8	8	8	0.16	0.16	0.15	0.012	0.012	0.012	0.16	0.08	0.08	0.32	0.32	0.32	790	765	796	NA	NA	NA	<1	1	1
C1A	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:07	28	M	14	3										0.15	0.09	0.08	0.32											
C1A	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:07	28	B	27	1	8			0.15			0.012			0.15	0.09	0.08	0.32			710			NA			<1		
C1A	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:07	28	B	27	2	9	9		0.15	0.15		0.012	0.012		0.15	0.09	0.08	0.32	0.32		830	768		NA	NA		<1	1	
C1A	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:07	28	B	27	3										0.15	0.09	0.08	0.32											
C2A	15/10/2019	Mid-Ebb	Cloudy	Moderate	12:22	13	S	1	1	5			0.37			0.023			0.37	0.06	0.06	0.49			1300			NA			<1		
C2A	15/10/2019	Mid-Ebb	Cloudy	Moderate	12:22	13	S	1	2	5	5		0.36	0.37		0.022	0.023		0.36	0.07	0.06	0.49	0.49		1100	1196		NA	NA		<1	1	
C2A	15/10/2019	Mid-Ebb	Cloudy	Moderate	12:22	13	S	1	3										0.37	0.06	0.06	0.49											
C2A	15/10/2019	Mid-Ebb	Cloudy	Moderate	12:22	13	M	6.5	1	6			0.37			0.024			0.37	0.06	0.06	0.49			1200			NA			<1		
C2A	15/10/2019	Mid-Ebb	Cloudy	Moderate	12:22	13	M	6.5	2	5	6	6	0.37	0.37	0.38	0.024	0.024	0.024	0.37	0.06	0.06	0.49	0.49	0.49	590	841	920	NA	NA	NA	<1	1	1
C2A	15/10/2019	Mid-Ebb	Cloudy	Moderate	12:22	13	M	6.5	3										0.37	0.06	0.05	0.48											
C2A	15/10/2019	Mid-Ebb	Cloudy	Moderate	12:22	13	B	12	1	6			0.39			0.026			0.39	0.06	0.06	0.51			660			NA			<1		
C2A	15/10/2019	Mid-Ebb	Cloudy	Moderate	12:22	13	B	12	2	6	6		0.39	0.39		0.026	0.026		0.39	0.06	0.06	0.51	0.50		910	775		NA	NA		<1	1	
C2A	15/10/2019	Mid-Ebb	Cloudy	Moderate	12:22	13	B	12	3										0.36	0.06	0.05	0.47											
G2	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:33	12	S	1	1	5			NA			NA			0.17	0.08	0.08	0.33			NA			NA			NA		
G2	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:33	12	S	1	2	5	5		NA	NA		NA	NA		0.16	0.09	0.08	0.33	0.33		NA	NA		NA	NA		NA	NA	
G2	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:33	12	S	1	3										0.17	0.09	0.08	0.34											
G2	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:33	12	M	6	1	6			NA			NA			0.17	0.08	0.08	0.33			NA			NA			NA		
G2	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:33	12	M	6	2	5	6	6	NA	NA	NA	NA	NA	NA	0.16	0.09	0.08	0.33	0.33	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:33	12	M	6	3										0.15	0.09	0.08	0.32											
G2	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:33	12	B	11	1	6			NA			NA			0.16	0.09	0.08	0.33			NA			NA			NA		
G2	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:33	12	B	11	2	6	6		NA	NA		NA	NA		0.16	0.09	0.08	0.33	0.33		NA	NA		NA	NA		NA	NA	
G2	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:33	12	B	11	3										0.16	0.09	0.08	0.33											
SR4	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:46	4	S	1	1	8			0.18			0.014			NA	NA	NA	NA			1900			NA			<1		
SR4	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:46	4	S	1	2	8	8		0.20	0.19		0.015	0.014		NA	NA	NA	NA	NA		2300	2090		NA	NA		<1	1	
SR4	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:46	4	S	1	3										NA	NA	NA	NA											
SR4	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:46	4	M		1										NA	NA	NA	NA						NA					
SR4	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:46	4	M		2		NA	8		NA	0.19		NA	0.014	NA	NA	NA	NA	NA	NA		NA	2388	NA	NA	NA		NA	1
SR4	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:46	4	M		3										NA	NA	NA	NA											
SR4	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:46	4	B	3	1	8			0.18			0.013			NA	NA	NA	NA			3100			NA			<1		
SR4	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:46	4	B	3	2	9	9		0.19	0.19		0.014	0.013		NA	NA	NA	NA	NA		2400	2728		NA	NA		<1	1	
SR4	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:46	4	B	3	3										NA	NA	NA	NA											
SR5	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:21	11	S	1	1	5			NA			NA			0.15	0.09	0.08	0.32			NA			NA			NA		
SR5	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:21	11	S	1	2	5	5		NA	NA		NA	NA		0.15	0.09	0.08	0.32	0.32		NA	NA		NA	NA		NA	NA	
SR5	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:21	11	S	1	3										0.15	0.09	0.08	0.32											
SR5	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:21	11	M	5.5	1	5			NA			NA			0.16	0.08	0.09	0.33			NA			NA			NA		
SR5	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:21	11	M	5.5	2	5	5	6	NA	NA	NA	NA	NA	NA	0.15	0.09	0.08	0.32	0.32	0.32	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:21	11	M	5.5	3										0.15	0.09	0.08	0.32											
SR5	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:21	11	B	10	1	9			NA			NA			0.15	0.09	0.08	0.32			NA			NA			NA		
SR5	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:21	11	B	10	2	9	9		NA	NA		NA	NA		0.16	0.09	0.07	0.32	0.31		NA	NA		NA	NA		NA	NA	
SR5	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:21	11	B	10	3										0.14	0.08	0.08	0.30											
SR12	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:58	15	S	1	1	8			0.19			0.014			NA	NA	NA	NA			2700			NA			<1		
SR12	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:58	15	S	1	2	8	8		0.19	0.19		0.014	0.014		NA	NA	NA	NA	NA		3700	3161		NA	NA		<1	1	
SR12	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:58	15	S	1	3										NA	NA	NA	NA											
SR12	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:58	15	M	7.5	1	9			0.20			0.014			NA	NA	NA	NA			2800			NA			<1		
SR12	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:58	15	M	7.5	2	8	9	8	0.19	0.20	0.19	0.014	0.014	0.014	NA	NA	NA	NA	NA	NA	2600	2698	3100	NA	NA	NA	<1	1	1
SR12	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:58	15	M	7.5	3										NA	NA	NA	NA											
SR12	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:58	15	B	14	1	6			0.20			0.014			NA	NA	NA	NA			3700			NA			<1		
SR12	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:58	15	B	14	2	6	6		0.19	0.20		0.014	0.014		NA	NA	NA	NA	NA		3300	3494		NA	NA		<1	1	
SR12	15/10/2019	Mid-Ebb	Cloudy	Moderate	11:58	15	B	14	3										NA	NA	NA	NA											
SR13	15/10/2019	Mid-Ebb	Cloudy	Moderate	12:10	14	S	1	1	5			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	15/10/2019	Mid-Ebb	Cloudy	Moderate	12:10	14	S	1	2	5	5		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	15/10/2019	Mid-Ebb	Cloudy	Moderate	12:10	14	S	1	3										NA	NA	NA	NA											
SR13	15/10/2019	Mid-Ebb	Cloudy	Moderate	12:10	14	M	7	1	5			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	15/10/2019	Mid-Ebb	Cloudy	Moderate	12:10	14	M	7	2	6	6	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	15/10/2019	Mid-Ebb	Cloudy	Moderate	12:10	14	M	7	3										NA	NA	NA	NA											
SR13	15/10/2019	Mid-Ebb	Cloudy	Moderate	12:10	14	B	13	1	5			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	15/10/2019	Mid-Ebb	Cloudy	Moderate	12:10	14	B	13	2	4	5		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	15/10/2019	Mid-Ebb	Cloudy	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 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	Value	Ave.	Depth	Value	Ave.	Depth	Value	Value	Value	Value	Ave.	Depth
C1A	17/10/2019	Mid-Flood	Fine	Moderate	11:18	28	S	1	1	8.03		30.28		28.64		83.1		5.43			1.2			0.31			0.018			0.31	0.05	0.05	0.41		
C1A	17/10/2019	Mid-Flood	Fine	Moderate	11:18	28	S	1	2	8.02	8.03	30.24	30.26	28.63	28.64	82.9	83.0	5.41	5.42		1.3	1.3		0.30	0.31		0.018	0.018		0.30	0.05	0.05	0.40	0.40	
C1A	17/10/2019	Mid-Flood	Fine	Moderate	11:18	28	S	1	3											5.22										0.30	0.05	0.05	0.40		
C1A	17/10/2019	Mid-Flood	Fine	Moderate	11:18	28	M	14	1	8.05		30.50		28.50		76.6		5.01			1.9			0.31			0.019			0.31	0.05	0.05	0.41		
C1A	17/10/2019	Mid-Flood	Fine	Moderate	11:18	28	M	14	2	8.04	8.05	30.54	30.52	28.49	28.50	76.9	76.8	5.03	5.02		1.7	1.8	1.9	0.31	0.31	0.31	0.019	0.019	0.019	0.31	0.05	0.05	0.41	0.41	0.41
C1A	17/10/2019	Mid-Flood	Fine	Moderate	11:18	28	M	14	3																					0.30	0.05	0.05	0.40		
C1A	17/10/2019	Mid-Flood	Fine	Moderate	11:18	28	B	27	1	8.07		30.92		28.32		70.0		4.58			2.6			0.31			0.019			0.31	0.06	0.06	0.43		
C1A	17/10/2019	Mid-Flood	Fine	Moderate	11:18	28	B	27	2	8.06	8.07	30.88	30.90	28.33	28.33	70.3	70.2	4.60	4.59		2.5	2.6		0.32	0.32		0.020	0.020		0.32	0.06	0.06	0.44	0.43	
C1A	17/10/2019	Mid-Flood	Fine	Moderate	11:18	28	B	27	3																					0.31	0.06	0.06	0.43		
C2A	17/10/2019	Mid-Flood	Fine	Moderate	9:00	13	S	1	1	7.97		31.25		28.49		78.5		5.12			0.8			0.35			0.018			0.35	0.04	0.04	0.43		
C2A	17/10/2019	Mid-Flood	Fine	Moderate	9:00	13	S	1	2	7.98	7.98	31.29	31.27	28.50	28.50	78.3	78.4	5.11	5.12		0.9	0.9		0.34	0.35		0.018	0.018		0.34	0.04	0.04	0.42	0.43	
C2A	17/10/2019	Mid-Flood	Fine	Moderate	9:00	13	S	1	3											4.98										0.35	0.04	0.04	0.43		
C2A	17/10/2019	Mid-Flood	Fine	Moderate	9:00	13	M	6.5	1	7.99		31.52		28.40		74.6		4.86			1.6			0.36			0.019			0.36	0.04	0.05	0.45		
C2A	17/10/2019	Mid-Flood	Fine	Moderate	9:00	13	M	6.5	2	7.98	7.99	31.50	31.51	28.39	28.40	74.3	74.5	4.84	4.85		1.4	1.5	1.5	0.36	0.36	0.35	0.019	0.019	0.018	0.36	0.04	0.05	0.45	0.45	0.44
C2A	17/10/2019	Mid-Flood	Fine	Moderate	9:00	13	M	6.5	3																					0.37	0.04	0.05	0.46		
C2A	17/10/2019	Mid-Flood	Fine	Moderate	9:00	13	B	12	1	8.00		31.80		28.28		70.0		4.56			2.2			0.33			0.018			0.33	0.05	0.05	0.43		
C2A	17/10/2019	Mid-Flood	Fine	Moderate	9:00	13	B	12	2	7.99	8.00	31.76	31.78	28.27	28.28	70.2	70.1	4.57	4.57		2.1	2.2		0.34	0.34		0.018	0.018		0.34	0.05	0.05	0.44	0.43	
C2A	17/10/2019	Mid-Flood	Fine	Moderate	9:00	13	B	12	3																					0.33	0.05	0.05	0.43		
G2	17/10/2019	Mid-Flood	Fine	Moderate	10:27	12	S	1	1	8.03		29.84		28.75		82.1		5.37			1.1			NA			NA			0.41	0.05	0.05	0.51		
G2	17/10/2019	Mid-Flood	Fine	Moderate	10:27	12	S	1	2	8.02	8.03	29.86	29.85	28.74	28.75	81.1	81.6	5.35	5.36		1.2	1.2		NA	NA		NA	NA		0.40	0.05	0.05	0.50	0.51	
G2	17/10/2019	Mid-Flood	Fine	Moderate	10:27	12	S	1	3											5.21										0.41	0.05	0.05	0.51		
G2	17/10/2019	Mid-Flood	Fine	Moderate	10:27	12	M	6	1	8.04		30.10		28.62		77.2		5.05			1.8			NA			NA			0.40	0.05	0.05	0.50		
G2	17/10/2019	Mid-Flood	Fine	Moderate	10:27	12	M	6	2	8.03	8.04	30.13	30.12	28.64	28.63	77.5	77.4	5.07	5.06		1.7	1.8	1.8	NA	NA	NA	NA	NA	NA	0.40	0.05	0.05	0.50	0.50	0.51
G2	17/10/2019	Mid-Flood	Fine	Moderate	10:27	12	M	6	3																					0.41	0.05	0.05	0.51		
G2	17/10/2019	Mid-Flood	Fine	Moderate	10:27	12	B	11	1	8.04		30.42		28.56		74.5		4.87			2.4			NA			NA			0.41	0.06	0.06	0.53		
G2	17/10/2019	Mid-Flood	Fine	Moderate	10:27	12	B	11	2	8.04	8.04	30.39	30.41	28.55	28.56	74.8	74.7	4.89	4.88		2.3	2.4		NA	NA		NA	NA		0.41	0.06	0.06	0.53	0.53	
G2	17/10/2019	Mid-Flood	Fine	Moderate	10:27	12	B	11	3																					0.42	0.06	0.06	0.54		
SR4	17/10/2019	Mid-Flood	Fine	Moderate	10:13	4	S	1	1	8.02		30.54		28.68		78.8		5.15			1.6			0.20			0.012			NA	NA	NA	NA		
SR4	17/10/2019	Mid-Flood	Fine	Moderate	10:13	4	S	1	2	8.03	8.03	30.51	30.53	28.67	28.68	78.6	78.7	5.14	5.15		1.5	1.6		0.20	0.20		0.012	0.012		NA	NA	NA	NA	NA	
SR4	17/10/2019	Mid-Flood	Fine	Moderate	10:13	4	S	1	3											5.15										NA	NA	NA	NA		
SR4	17/10/2019	Mid-Flood	Fine	Moderate	10:13	4	M		1																					NA	NA	NA	NA		
SR4	17/10/2019	Mid-Flood	Fine	Moderate	10:13	4	M		2		NA		NA		NA		NA		NA			NA	1.7		NA	0.20		NA	0.012	NA	NA	NA	NA	NA	NA
SR4	17/10/2019	Mid-Flood	Fine	Moderate	10:13	4	M		3																					NA	NA	NA	NA		
SR4	17/10/2019	Mid-Flood	Fine	Moderate	10:13	4	B	3	1	8.03		30.59		28.60		76.6		5.00			1.8			0.19			0.011			NA	NA	NA	NA		
SR4	17/10/2019	Mid-Flood	Fine	Moderate	10:13	4	B	3	2	8.03	8.03	30.60	30.60	28.59	28.60	76.8	76.7	5.01	5.01		1.9	1.9		0.19	0.19		0.011	0.011		NA	NA	NA	NA	NA	
SR4	17/10/2019	Mid-Flood	Fine	Moderate	10:13	4	B	3	3																					NA	NA	NA	NA		
SR5	17/10/2019	Mid-Flood	Fine	Moderate	10:51	11	S	1	1	8.03		30.14		28.74		79.5		5.19			0.9			NA			NA			0.32	0.05	0.06	0.43		
SR5	17/10/2019	Mid-Flood	Fine	Moderate	10:51	11	S	1	2	8.04	8.04	30.16	30.15	28.73	28.74	79.3	79.4	5.18	5.19		0.8	0.9		NA	NA		NA	NA		0.32	0.05	0.06	0.43	0.43	
SR5	17/10/2019	Mid-Flood	Fine	Moderate	10:51	11	S	1	3											5.07										0.32	0.05	0.06	0.43		
SR5	17/10/2019	Mid-Flood	Fine	Moderate	10:51	11	M	5.5	1	8.04		30.40		28.60		75.8		4.95			1.4			NA			NA			0.32	0.05	0.06	0.43		
SR5	17/10/2019	Mid-Flood	Fine	Moderate	10:51	11	M	5.5	2	8.03	8.04	30.39	30.39	28.61	28.61	76.0	75.9	4.96	4.96		1.5	1.5	1.6	NA	NA	NA	NA	NA	NA	0.33	0.05	0.06	0.44	0.44	0.45
SR5	17/10/2019	Mid-Flood	Fine	Moderate	10:51	11	M	5.5	3																					0.33	0.05	0.06	0.44		
SR5	17/10/2019	Mid-Flood	Fine	Moderate	10:51	11	B	10	1	8.04		30.68		28.52		72.3		4.72			2.3			NA			NA			0.35	0.06	0.07	0.48		
SR5	17/10/2019	Mid-Flood	Fine	Moderate	10:51	11	B	10	2	8.05	8.05	30.66	30.67	28.51	28.52	72.6	72.5	4.74	4.73		2.4	2.4		NA	NA		NA	NA		0.34	0.06	0.07	0.47	0.47	
SR5	17/10/2019	Mid-Flood	Fine	Moderate	10:51	11	B	10	3																					0.34	0.06	0.07	0.47		
SR12	17/10/2019	Mid-Flood	Fine	Moderate	9:50	15	S	1	1	8.01		30.29		28.75		75.5		4.93			0.8			0.29			0.017			NA	NA	NA	NA		
SR12	17/10/2019	Mid-Flood	Fine	Moderate	9:50	15	S	1	2	8.02	8.02	30.56	30.43	28.74	28.75	75.8	75.7	4.95	4.94		0.9	0.9		0.29	0.29		0.017	0.017		NA	NA	NA	NA	NA	
SR12	17/10/2019	Mid-Flood	Fine	Moderate	9:50	15	S	1	3											4.82										NA	NA	NA	NA		
SR12	17/10/2019	Mid-Flood	Fine	Moderate	9:50	15	M	7.5	1	8.02		30.80		28.66		72.1		4.70			1.5			0.30			0.018			NA	NA	NA	NA		
SR12	17/10/2019	Mid-Flood	Fine	Moderate	9:50	15	M	7.5	2	8.03	8.03	30.78	30.79	28.65	28.66	71.9	72.0	4.69	4.70		1.6	1.6	1.6	0.30	0.30	0.30	0.018	0.018	0.018	NA	NA	NA	NA	NA	NA
SR12	17/10/2019	Mid-Flood	Fine	Moderate	9:50	15	M	7.5	3																					NA	NA	NA	NA		
SR12	17/10/2019	Mid-Flood	Fine	Moderate	9:50	15	B	14	1	8.04		31.09		28.54		68.0		4.44			2.4			0.31			0.019			NA	NA	NA	NA		
SR12	17/10/2019	Mid-Flood	Fine	Moderate	9:50	15	B	14	2	8.04	8.04	31.07	31.08	28.55	28.55	67.6	67.8	4.41	4.43		2.3	2.4		0.31	0.31		0.019	0.019		NA	NA	NA	NA	NA	
SR12	17/10/2019	Mid-Flood	Fine	Moderate	9:50	15	B	14	3																					NA	NA	NA	NA		
SR13	17/10/2019	Mid-Flood	Fine	Moderate	9:24	14	S	1	1	8.01		30.75		28.64		76.4		4.98			1.0			NA			NA			NA	NA	NA	NA		
SR13	17/10/2019	Mid-Flood	Fine	Moderate	9:24	14	S	1	2	8.01	8.01	30.79	30.77	28.63	28.64	76.0	76.2	4.96	4.97		0.9	1.0		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	17/10/2019	Mid-Flood	Fine	Moderate	9:24	14	S	1	3											4.85										NA	NA	NA	NA		
SR13	17/10/2019	Mid-Flood	Fine	Moderate	9:24	14	M	7	1	8.01		30.99		28.52		72.8		4.74			1.6			NA			NA			NA	NA	NA	NA		
SR13	17/10/2019	Mid-Flood	Fine	Moderate	9:24	14	M	7	2	8.02	8.02	31.02	31.01	28.51	28.52	72.6	72.7	4.73	4.74		1.7	1.7	1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	17/10/2019	Mid-Flood	Fine	Moderate	9:24	14	M	7	3																					NA	NA	NA	NA		
SR13	17/10/2019	Mid-Flood	Fine	Moderate	9:24	14	B	13	1	8.02		31.30		28.40		68.8		4.48			2.3			NA			NA			NA	NA	NA	NA		
SR13	17/10/2019	Mid-Flood	Fine	Moderate	9:24	14	B	13	2	8.02	8.02	31.27	31.29	28.39	28.40	68.5	68.7	4.46	4.47		2.2	2.3		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	17/10/2019	Mid-Flood	Fine	Moderate	9:24	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 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	17/10/2019	Mid-Flood	Fine	Moderate	11:18	28	S	1	1	10			0.31			0.018			0.31	0.05	0.05	0.41			160			NA			<1		
C1A	17/10/2019	Mid-Flood	Fine	Moderate	11:18	28	S	1	2	10	10		0.30	0.31		0.018	0.018		0.30	0.05	0.05	0.40	0.40		150	155		NA	NA		<1	1	
C1A	17/10/2019	Mid-Flood	Fine	Moderate	11:18	28	S	1	3										0.29	0.05	0.05	0.39											
C1A	17/10/2019	Mid-Flood	Fine	Moderate	11:18	28	M	14	1	8			0.29			0.018			0.29	0.05	0.05	0.39			140			NA			<1		
C1A	17/10/2019	Mid-Flood	Fine	Moderate	11:18	28	M	14	2	8	8	9	0.30	0.30	0.30	0.018	0.018	0.018	0.30	0.05	0.05	0.40	0.40	0.40	160	150	161	NA	NA	NA	<1	1	1
C1A	17/10/2019	Mid-Flood	Fine	Moderate	11:18	28	M	14	3										0.30	0.05	0.05	0.40											
C1A	17/10/2019	Mid-Flood	Fine	Moderate	11:18	28	B	27	1	7			0.29			0.018			0.29	0.06	0.06	0.41			170			NA			<1		
C1A	17/10/2019	Mid-Flood	Fine	Moderate	11:18	28	B	27	2	8	8		0.29	0.29		0.018	0.018		0.29	0.06	0.06	0.41	0.41		190	180		NA	NA		<1	1	
C1A	17/10/2019	Mid-Flood	Fine	Moderate	11:18	28	B	27	3										0.30	0.05	0.07	0.42											
C2A	17/10/2019	Mid-Flood	Fine	Moderate	9:00	13	S	1	1	6			0.32			0.017			0.32	0.04	0.04	0.40			710			NA			<1		
C2A	17/10/2019	Mid-Flood	Fine	Moderate	9:00	13	S	1	2	6	6		0.37	0.35		0.019	0.018		0.37	0.04	0.04	0.45	0.42		570	636		NA	NA		<1	1	
C2A	17/10/2019	Mid-Flood	Fine	Moderate	9:00	13	S	1	3										0.34	0.04	0.04	0.42											
C2A	17/10/2019	Mid-Flood	Fine	Moderate	9:00	13	M	6.5	1	7			0.32			0.017			0.32	0.04	0.04	0.40			540			NA			<1		
C2A	17/10/2019	Mid-Flood	Fine	Moderate	9:00	13	M	6.5	2	7	7	6	0.36	0.34	0.34	0.019	0.018	0.018	0.36	0.04	0.04	0.44	0.43	0.42	510	525	609	NA	NA	NA	<1	1	1
C2A	17/10/2019	Mid-Flood	Fine	Moderate	9:00	13	M	6.5	3										0.38	0.04	0.04	0.46											
C2A	17/10/2019	Mid-Flood	Fine	Moderate	9:00	13	B	12	1	5			0.33			0.018			0.33	0.04	0.04	0.41			630			NA			<1		
C2A	17/10/2019	Mid-Flood	Fine	Moderate	9:00	13	B	12	2	5	5		0.34	0.34		0.018	0.018		0.34	0.04	0.04	0.42	0.41		730	678		NA	NA		<1	1	
C2A	17/10/2019	Mid-Flood	Fine	Moderate	9:00	13	B	12	3										0.33	0.04	0.04	0.41											
G2	17/10/2019	Mid-Flood	Fine	Moderate	10:27	12	S	1	1	7			NA			NA			0.41	0.05	0.05	0.51			NA			NA			NA		
G2	17/10/2019	Mid-Flood	Fine	Moderate	10:27	12	S	1	2	7	7		NA	NA		NA	NA		0.39	0.05	0.05	0.49	0.50		NA	NA		NA	NA		NA	NA	
G2	17/10/2019	Mid-Flood	Fine	Moderate	10:27	12	S	1	3										0.39	0.05	0.05	0.49											
G2	17/10/2019	Mid-Flood	Fine	Moderate	10:27	12	M	6	1	10			NA			NA			0.39	0.04	0.05	0.48			NA			NA			NA		
G2	17/10/2019	Mid-Flood	Fine	Moderate	10:27	12	M	6	2	10	10	9	NA	NA	NA	NA	NA	NA	0.40	0.05	0.05	0.50	0.50	0.50	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	17/10/2019	Mid-Flood	Fine	Moderate	10:27	12	M	6	3										0.42	0.04	0.05	0.51											
G2	17/10/2019	Mid-Flood	Fine	Moderate	10:27	12	B	11	1	9			NA			NA			0.42	0.04	0.05	0.51			NA			NA			NA		
G2	17/10/2019	Mid-Flood	Fine	Moderate	10:27	12	B	11	2	10	10		NA	NA		NA	NA		0.40	0.05	0.05	0.50	0.51		NA	NA		NA	NA		NA	NA	
G2	17/10/2019	Mid-Flood	Fine	Moderate	10:27	12	B	11	3										0.42	0.05	0.05	0.52											
SR4	17/10/2019	Mid-Flood	Fine	Moderate	10:13	4	S	1	1	8			0.20			0.012			NA	NA	NA	NA			690			NA			<1		
SR4	17/10/2019	Mid-Flood	Fine	Moderate	10:13	4	S	1	2	9	9		0.19	0.20		0.011	0.012		NA	NA	NA	NA	NA		830	757		NA	NA		<1	1	
SR4	17/10/2019	Mid-Flood	Fine	Moderate	10:13	4	S	1	3										NA	NA	NA	NA											
SR4	17/10/2019	Mid-Flood	Fine	Moderate	10:13	4	M		1										NA	NA	NA	NA						NA					
SR4	17/10/2019	Mid-Flood	Fine	Moderate	10:13	4	M		2		NA	13		NA	0.19		NA	0.011	NA	NA	NA	NA	NA	NA		NA	616	NA	NA	NA		NA	1
SR4	17/10/2019	Mid-Flood	Fine	Moderate	10:13	4	M		3										NA	NA	NA	NA											
SR4	17/10/2019	Mid-Flood	Fine	Moderate	10:13	4	B	3	1	17			0.19			0.011			NA	NA	NA	NA			400			NA			<1		
SR4	17/10/2019	Mid-Flood	Fine	Moderate	10:13	4	B	3	2	16	17		0.19	0.19		0.011	0.011		NA	NA	NA	NA	NA		630	502		NA	NA		<1	1	
SR4	17/10/2019	Mid-Flood	Fine	Moderate	10:13	4	B	3	3										NA	NA	NA	NA											
SR5	17/10/2019	Mid-Flood	Fine	Moderate	10:51	11	S	1	1	8			NA			NA			0.31	0.05	0.06	0.42			NA			NA			NA		
SR5	17/10/2019	Mid-Flood	Fine	Moderate	10:51	11	S	1	2	8	8		NA	NA		NA	NA		0.32	0.05	0.06	0.43	0.42		NA	NA		NA	NA		NA	NA	
SR5	17/10/2019	Mid-Flood	Fine	Moderate	10:51	11	S	1	3										0.31	0.05	0.06	0.42											
SR5	17/10/2019	Mid-Flood	Fine	Moderate	10:51	11	M	5.5	1	7			NA			NA			0.31	0.05	0.06	0.42			NA			NA			NA		
SR5	17/10/2019	Mid-Flood	Fine	Moderate	10:51	11	M	5.5	2	7	7	8	NA	NA	NA	NA	NA	NA	0.33	0.05	0.06	0.44	0.44	0.44	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	17/10/2019	Mid-Flood	Fine	Moderate	10:51	11	M	5.5	3										0.33	0.06	0.06	0.45											
SR5	17/10/2019	Mid-Flood	Fine	Moderate	10:51	11	B	10	1	8			NA			NA			0.35	0.05	0.06	0.46			NA			NA			NA		
SR5	17/10/2019	Mid-Flood	Fine	Moderate	10:51	11	B	10	2	7	8		NA	NA		NA	NA		0.32	0.06	0.06	0.44	0.45		NA	NA		NA	NA		NA	NA	
SR5	17/10/2019	Mid-Flood	Fine	Moderate	10:51	11	B	10	3										0.34	0.05	0.06	0.45											
SR12	17/10/2019	Mid-Flood	Fine	Moderate	9:50	15	S	1	1	8			0.29			0.017			NA	NA	NA	NA			470			NA			<1		
SR12	17/10/2019	Mid-Flood	Fine	Moderate	9:50	15	S	1	2	7	8		0.31	0.30		0.018	0.017		NA	NA	NA	NA	NA		560	513		NA	NA		<1	1	
SR12	17/10/2019	Mid-Flood	Fine	Moderate	9:50	15	S	1	3										NA	NA	NA	NA											
SR12	17/10/2019	Mid-Flood	Fine	Moderate	9:50	15	M	7.5	1	5			0.28			0.017			NA	NA	NA	NA			540			NA			<1		
SR12	17/10/2019	Mid-Flood	Fine	Moderate	9:50	15	M	7.5	2	5	5	7	0.30	0.29	0.30	0.018	0.017	0.018	NA	NA	NA	NA	NA	NA	410	471	497	NA	NA	NA	<1	1	1
SR12	17/10/2019	Mid-Flood	Fine	Moderate	9:50	15	M	7.5	3										NA	NA	NA	NA											
SR12	17/10/2019	Mid-Flood	Fine	Moderate	9:50	15	B	14	1	8			0.31			0.019			NA	NA	NA	NA			550			NA			<1		
SR12	17/10/2019	Mid-Flood	Fine	Moderate	9:50	15	B	14	2	8	8		0.29	0.30		0.018	0.018		NA	NA	NA	NA	NA		470	508		NA	NA		<1	1	
SR12	17/10/2019	Mid-Flood	Fine	Moderate	9:50	15	B	14	3										NA	NA	NA	NA											
SR13	17/10/2019	Mid-Flood	Fine	Moderate	9:24	14	S	1	1	9			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	17/10/2019	Mid-Flood	Fine	Moderate	9:24	14	S	1	2	9	9		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	17/10/2019	Mid-Flood	Fine	Moderate	9:24	14	S	1	3										NA	NA	NA	NA											
SR13	17/10/2019	Mid-Flood	Fine	Moderate	9:24	14	M	7	1	7			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	17/10/2019	Mid-Flood	Fine	Moderate	9:24	14	M	7	2	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	17/10/2019	Mid-Flood	Fine	Moderate	9:24	14	M	7	3										NA	NA	NA	NA											
SR13	17/10/2019	Mid-Flood	Fine	Moderate	9:24	14	B	13	1	8			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	17/10/2019	Mid-Flood	Fine	Moderate	9:24	14	B	13	2	8	8		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	17/10/2019	Mid-Flood	Fine	Moderate	9:24	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 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-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth	Value	Ave.	Depth	Value	Ave.	Depth						
C1A	17/10/2019	Mid-Ebb	Fine	Moderate	13:56	13	S	1	1	8.00		30.87		28.80		80.0		5.17			1.0			0.30			0.017			0.30	0.06	0.06	0.42		
C1A	17/10/2019	Mid-Ebb	Fine	Moderate	13:56	13	S	1	2	8.01	8.01	30.84	30.86	28.79	28.80	80.4	80.2	5.20	5.19		0.9	1.0		0.30	0.30		0.017	0.017		0.30	0.05	0.06	0.41	0.42	
C1A	17/10/2019	Mid-Ebb	Fine	Moderate	13:56	13	S	1	3											5.08										0.30	0.06	0.06	0.42		
C1A	17/10/2019	Mid-Ebb	Fine	Moderate	13:56	13	M	6.5	1	8.02		31.26		28.68		77.0		4.98			1.6			0.31			0.018			0.31	0.06	0.07	0.44		
C1A	17/10/2019	Mid-Ebb	Fine	Moderate	13:56	13	M	6.5	2	8.01	8.02	31.30	31.28	28.69	28.69	76.8	76.9	4.97	4.98		1.5	1.6	1.6	0.30	0.31	0.31	0.017	0.018	0.018	0.30	0.06	0.07	0.43	0.43	0.43
C1A	17/10/2019	Mid-Ebb	Fine	Moderate	13:56	13	M	6.5	3																					0.30	0.06	0.07	0.43		
C1A	17/10/2019	Mid-Ebb	Fine	Moderate	13:56	13	B	12	1	8.03		31.62		28.52		72.1		4.66			2.3			0.31			0.018			0.31	0.06	0.07	0.44		
C1A	17/10/2019	Mid-Ebb	Fine	Moderate	13:56	13	B	12	2	8.02	8.03	31.65	31.64	28.52	28.52	72.3	72.2	4.67	4.67		2.2	2.3		0.31	0.31		0.018	0.018		0.31	0.06	0.07	0.44	0.44	
C1A	17/10/2019	Mid-Ebb	Fine	Moderate	13:56	13	B	12	3																					0.31	0.06	0.07	0.44		
C2A	17/10/2019	Mid-Ebb	Fine	Moderate	11:48	28	S	1	1	8.05		30.58		28.89		85.0		5.53			1.0			0.34			0.022			0.34	0.04	0.04	0.42		
C2A	17/10/2019	Mid-Ebb	Fine	Moderate	11:48	28	S	1	2	8.06	8.06	30.62	30.60	28.88	28.89	84.7	84.9	5.51	5.52		0.9	1.0		0.34	0.34		0.022	0.022		0.34	0.04	0.04	0.42	0.42	
C2A	17/10/2019	Mid-Ebb	Fine	Moderate	11:48	28	S	1	3											5.37										0.33	0.04	0.04	0.41		
C2A	17/10/2019	Mid-Ebb	Fine	Moderate	11:48	28	M	14	1	8.08		30.90		28.60		80.0		5.21			1.9			0.34			0.022			0.34	0.04	0.04	0.42		
C2A	17/10/2019	Mid-Ebb	Fine	Moderate	11:48	28	M	14	2	8.07	8.08	30.86	30.88	28.59	28.60	80.2	80.1	5.22	5.22		2.0	2.0	1.9	0.34	0.34	0.35	0.022	0.022	0.023	0.34	0.04	0.04	0.42	0.42	0.43
C2A	17/10/2019	Mid-Ebb	Fine	Moderate	11:48	28	M	14	3																					0.34	0.04	0.04	0.42		
C2A	17/10/2019	Mid-Ebb	Fine	Moderate	11:48	28	B	27	1	8.10		31.34		28.33		72.6		4.72			2.7			0.35			0.024			0.35	0.05	0.05	0.45		
C2A	17/10/2019	Mid-Ebb	Fine	Moderate	11:48	28	B	27	2	8.11	8.11	31.37	31.36	28.34	28.34	72.3	72.5	4.70	4.71		2.6	2.7		0.36	0.36		0.025	0.024		0.36	0.05	0.05	0.46	0.45	
C2A	17/10/2019	Mid-Ebb	Fine	Moderate	11:48	28	B	27	3																					0.35	0.05	0.05	0.45		
G2	17/10/2019	Mid-Ebb	Fine	Moderate	12:35	12	S	1	1	8.02		32.19		28.84		80.9		5.26			0.8			NA			NA			0.40	0.05	0.05	0.50		
G2	17/10/2019	Mid-Ebb	Fine	Moderate	12:35	12	S	1	2	8.03	8.03	32.16	32.18	28.83	28.84	80.7	80.8	5.25	5.26		0.7	0.8		NA	NA		NA	NA		0.41	0.05	0.05	0.51	0.51	
G2	17/10/2019	Mid-Ebb	Fine	Moderate	12:35	12	S	1	3											5.10										0.41	0.05	0.05	0.51		
G2	17/10/2019	Mid-Ebb	Fine	Moderate	12:35	12	M	6	1	8.05		30.39		28.67		76.3		4.96			1.6			NA			NA			0.42	0.05	0.05	0.52		
G2	17/10/2019	Mid-Ebb	Fine	Moderate	12:35	12	M	6	2	8.04	8.05	30.42	30.41	28.68	28.68	76.0	76.2	4.94	4.95		1.7	1.7	1.7	NA	NA	NA	NA	NA	NA	0.42	0.05	0.05	0.52	0.52	0.53
G2	17/10/2019	Mid-Ebb	Fine	Moderate	12:35	12	M	6	3																					0.43	0.05	0.05	0.53		
G2	17/10/2019	Mid-Ebb	Fine	Moderate	12:35	12	B	11	1	8.06		30.68		28.56		72.1		4.68			2.5			NA			NA			0.43	0.06	0.06	0.55		
G2	17/10/2019	Mid-Ebb	Fine	Moderate	12:35	12	B	11	2	8.05	8.06	30.73	30.71	28.55	28.56	71.9	72.0	4.66	4.67		2.6	2.6		NA	NA		NA	NA		0.44	0.06	0.06	0.56	0.55	
G2	17/10/2019	Mid-Ebb	Fine	Moderate	12:35	12	B	11	3																					0.43	0.06	0.06	0.55		
SR4	17/10/2019	Mid-Ebb	Fine	Moderate	12:57	4	S	1	1	8.01		30.50		28.88		79.0		5.12			1.3			0.19			0.011			NA	NA	NA	NA		
SR4	17/10/2019	Mid-Ebb	Fine	Moderate	12:57	4	S	1	2	8.02	8.02	30.47	30.49	28.87	28.88	79.3	79.2	5.14	5.13		1.4	1.4		0.20	0.20		0.012	0.011		NA	NA	NA	NA	NA	
SR4	17/10/2019	Mid-Ebb	Fine	Moderate	12:57	4	S	1	3											5.13										NA	NA	NA	NA		
SR4	17/10/2019	Mid-Ebb	Fine	Moderate	12:57	4	M		1																					NA	NA	NA	NA		
SR4	17/10/2019	Mid-Ebb	Fine	Moderate	12:57	4	M		2		NA		NA		NA		NA		NA			NA	1.5		NA	0.20		NA	0.012	NA	NA	NA	NA	NA	NA
SR4	17/10/2019	Mid-Ebb	Fine	Moderate	12:57	4	M		3																					NA	NA	NA	NA		
SR4	17/10/2019	Mid-Ebb	Fine	Moderate	12:57	4	B	3	1	8.02		30.59		28.83		76.8		4.98			1.6			0.21			0.013			NA	NA	NA	NA		
SR4	17/10/2019	Mid-Ebb	Fine	Moderate	12:57	4	B	3	2	8.03	8.03	30.57	30.58	28.84	28.84	76.6	76.7	4.97	4.98		1.5	1.6		0.21	0.21		0.013	0.013		NA	NA	NA	NA	NA	
SR4	17/10/2019	Mid-Ebb	Fine	Moderate	12:57	4	B	3	3																					NA	NA	NA	NA		
SR5	17/10/2019	Mid-Ebb	Fine	Moderate	12:13	11	S	1	1	8.05		30.36		28.82		80.1		5.22			0.8			NA			NA			0.35	0.05	0.06	0.46		
SR5	17/10/2019	Mid-Ebb	Fine	Moderate	12:13	11	S	1	2	8.06	8.06	30.39	30.38	28.81	28.82	80.3	80.2	5.23	5.23		0.9	0.9		NA	NA		NA	NA		0.35	0.05	0.06	0.46	0.46	
SR5	17/10/2019	Mid-Ebb	Fine	Moderate	12:13	11	S	1	3											5.13										0.36	0.05	0.06	0.47		
SR5	17/10/2019	Mid-Ebb	Fine	Moderate	12:13	11	M	5.5	1	8.07		30.52		28.64		77.2		5.03			1.3			NA			NA			0.36	0.06	0.06	0.48		
SR5	17/10/2019	Mid-Ebb	Fine	Moderate	12:13	11	M	5.5	2	8.06	8.07	30.49	30.51	28.65	28.65	77.5	77.4	5.05	5.04		1.4	1.4	1.5	NA	NA	NA	NA	NA	NA	0.37	0.06	0.06	0.49	0.48	0.47
SR5	17/10/2019	Mid-Ebb	Fine	Moderate	12:13	11	M	5.5	3																					0.36	0.06	0.06	0.48		
SR5	17/10/2019	Mid-Ebb	Fine	Moderate	12:13	11	B	10	1	8.07		30.80		28.58		73.2		4.77			2.2			NA			NA			0.35	0.06	0.06	0.47		
SR5	17/10/2019	Mid-Ebb	Fine	Moderate	12:13	11	B	10	2	8.08	8.08	30.77	30.79	28.59	28.59	73.4	73.3	4.79	4.78		2.3	2.3		NA	NA		NA	NA		0.35	0.06	0.06	0.47	0.47	
SR5	17/10/2019	Mid-Ebb	Fine	Moderate	12:13	11	B	10	3																					0.35	0.06	0.06	0.47		
SR12	17/10/2019	Mid-Ebb	Fine	Moderate	13:10	15	S	1	1	8.02		30.26		28.86		78.2		5.11			1.1			0.29			0.017			NA	NA	NA	NA		
SR12	17/10/2019	Mid-Ebb	Fine	Moderate	13:10	15	S	1	2	8.03	8.03	30.29	30.28	28.85	28.86	77.9	78.1	5.09	5.10		1.4	1.3		0.29	0.29		0.017	0.017		NA	NA	NA	NA	NA	
SR12	17/10/2019	Mid-Ebb	Fine	Moderate	13:10	15	S	1	3											4.92										NA	NA	NA	NA		
SR12	17/10/2019	Mid-Ebb	Fine	Moderate	13:10	15	M	7.5	1	8.04		30.52		28.60		72.3		4.72			1.7			0.31			0.019			NA	NA	NA	NA		
SR12	17/10/2019	Mid-Ebb	Fine	Moderate	13:10	15	M	7.5	2	8.03	8.04	30.54	30.53	28.59	28.60	72.6	72.5	4.74	4.73		1.6	1.7	1.7	0.31	0.31	0.31	0.019	0.019	0.019	NA	NA	NA	NA	NA	NA
SR12	17/10/2019	Mid-Ebb	Fine	Moderate	13:10	15	M	7.5	3																					NA	NA	NA	NA		
SR12	17/10/2019	Mid-Ebb	Fine	Moderate	13:10	15	B	14	1	8.06		30.88		28.44		68.9		4.50			2.3			0.32			0.020			NA	NA	NA	NA		
SR12	17/10/2019	Mid-Ebb	Fine	Moderate	13:10	15	B	14	2	8.05	8.06	30.91	30.90	28.43	28.44	69.2	69.1	4.52	4.51		2.2	2.3		0.32	0.32		0.020	0.020		NA	NA	NA	NA	NA	
SR12	17/10/2019	Mid-Ebb	Fine	Moderate	13:10	15	B	14	3																					NA	NA	NA	NA		
SR13	17/10/2019	Mid-Ebb	Fine	Moderate	13:32	14	S	1	1	8.00		30.89		28.92		77.8		5.07			0.9			NA			NA			NA	NA	NA	NA		
SR13	17/10/2019	Mid-Ebb	Fine	Moderate	13:32	14	S	1	2	7.99	8.00	30.86	30.88	28.91	28.92	77.5	77.7	5.05	5.06		0.8	0.9		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	17/10/2019	Mid-Ebb	Fine	Moderate	13:32	14	S	1	3											4.91										NA	NA	NA	NA		
SR13	17/10/2019	Mid-Ebb	Fine	Moderate	13:32	14	M	7	1	8.02		31.30		28.80		73.1		4.76			1.5			NA			NA			NA	NA	NA	NA		
SR13	17/10/2019	Mid-Ebb	Fine	Moderate	13:32	14	M	7	2	8.01	8.02	31.27	31.29	28.79	28.80	73.3	73.2	4.77	4.77		1.6	1.6	1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	17/10/2019	Mid-Ebb	Fine	Moderate	13:32	14	M	7	3																					NA	NA	NA	NA		
SR13	17/10/2019	Mid-Ebb	Fine	Moderate	13:32	14	B	13	1	8.03		31.62		28.55		69.8		4.55			2.2			NA			NA			NA	NA	NA	NA		
SR13	17/10/2019	Mid-Ebb	Fine	Moderate	13:32	14	B	13	2	8.04	8.04	31.59	31.61	28.54	28.55	69.5	69.7	4.53	4.54		2.1	2.2		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	17/10/2019	Mid-Ebb	Fine	Moderate	13:32	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 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	17/10/2019	Mid-Ebb	Fine	Moderate	13:56	13	S	1	1	7			0.30			0.017			0.30	0.06	0.06	0.42			290			NA			<1		
C1A	17/10/2019	Mid-Ebb	Fine	Moderate	13:56	13	S	1	2	7	7		0.29	0.30		0.017	0.017		0.29	0.05	0.07	0.41	0.42		210	247		NA	NA		<1	1	
C1A	17/10/2019	Mid-Ebb	Fine	Moderate	13:56	13	S	1	3										0.30	0.06	0.06	0.42											
C1A	17/10/2019	Mid-Ebb	Fine	Moderate	13:56	13	M	6.5	1	8			0.28			0.016			0.28	0.06	0.06	0.40			290			NA			<1		
C1A	17/10/2019	Mid-Ebb	Fine	Moderate	13:56	13	M	6.5	2	9	9	8	0.30	0.29	0.29	0.017	0.017	0.017	0.30	0.06	0.06	0.42	0.41	0.41	270	280	224	NA	NA	NA	<1	1	1
C1A	17/10/2019	Mid-Ebb	Fine	Moderate	13:56	13	M	6.5	3										0.28	0.06	0.06	0.40											
C1A	17/10/2019	Mid-Ebb	Fine	Moderate	13:56	13	B	12	1	9			0.29			0.017			0.29	0.06	0.06	0.41			140			NA			<1		
C1A	17/10/2019	Mid-Ebb	Fine	Moderate	13:56	13	B	12	2	10	10		0.28	0.29		0.016	0.017		0.28	0.06	0.06	0.40	0.41		190	163		NA	NA		<1	1	
C1A	17/10/2019	Mid-Ebb	Fine	Moderate	13:56	13	B	12	3										0.29	0.06	0.06	0.41											
C2A	17/10/2019	Mid-Ebb	Fine	Moderate	11:48	28	S	1	1	17			0.37			0.024			0.37	0.02	0.04	0.43			390			NA			<1		
C2A	17/10/2019	Mid-Ebb	Fine	Moderate	11:48	28	S	1	2	17	17		0.34	0.36		0.022	0.023		0.34	0.04	0.04	0.42	0.42		470	428		NA	NA		<1	1	
C2A	17/10/2019	Mid-Ebb	Fine	Moderate	11:48	28	S	1	3										0.33	0.04	0.04	0.41											
C2A	17/10/2019	Mid-Ebb	Fine	Moderate	11:48	28	M	14	1	10			0.33			0.022			0.33	0.04	0.04	0.41			370			NA			<1		
C2A	17/10/2019	Mid-Ebb	Fine	Moderate	11:48	28	M	14	2	10	10	12	0.33	0.33	0.35	0.022	0.022	0.023	0.33	0.04	0.04	0.41	0.41	0.42	590	467	546	NA	NA	NA	<1	1	1
C2A	17/10/2019	Mid-Ebb	Fine	Moderate	11:48	28	M	14	3										0.33	0.04	0.04	0.41											
C2A	17/10/2019	Mid-Ebb	Fine	Moderate	11:48	28	B	27	1	9			0.34			0.023			0.34	0.04	0.04	0.42			820			NA			<1		
C2A	17/10/2019	Mid-Ebb	Fine	Moderate	11:48	28	B	27	2	8	9		0.36	0.35		0.025	0.024		0.36	0.04	0.04	0.44	0.42		810	815		NA	NA		<1	1	
C2A	17/10/2019	Mid-Ebb	Fine	Moderate	11:48	28	B	27	3										0.32	0.04	0.04	0.40											
G2	17/10/2019	Mid-Ebb	Fine	Moderate	12:35	12	S	1	1	10			NA			NA			0.40	0.05	0.05	0.50			NA			NA			NA		
G2	17/10/2019	Mid-Ebb	Fine	Moderate	12:35	12	S	1	2	11	11		NA	NA		NA	NA		0.39	0.05	0.05	0.49	0.50		NA	NA		NA	NA		NA	NA	
G2	17/10/2019	Mid-Ebb	Fine	Moderate	12:35	12	S	1	3										0.41	0.05	0.05	0.51											
G2	17/10/2019	Mid-Ebb	Fine	Moderate	12:35	12	M	6	1	11			NA			NA			0.41	0.05	0.05	0.51			NA			NA			NA		
G2	17/10/2019	Mid-Ebb	Fine	Moderate	12:35	12	M	6	2	11	11	10	NA	NA	NA	NA	NA	NA	0.41	0.05	0.05	0.51	0.52	0.51	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	17/10/2019	Mid-Ebb	Fine	Moderate	12:35	12	M	6	3										0.44	0.05	0.05	0.54											
G2	17/10/2019	Mid-Ebb	Fine	Moderate	12:35	12	B	11	1	8			NA			NA			0.43	0.05	0.05	0.53			NA			NA			NA		
G2	17/10/2019	Mid-Ebb	Fine	Moderate	12:35	12	B	11	2	8	8		NA	NA		NA	NA		0.40	0.05	0.05	0.50	0.52		NA	NA		NA	NA		NA	NA	
G2	17/10/2019	Mid-Ebb	Fine	Moderate	12:35	12	B	11	3										0.43	0.05	0.05	0.53											
SR4	17/10/2019	Mid-Ebb	Fine	Moderate	12:57	4	S	1	1	13			0.19			0.011			NA	NA	NA	NA			640			NA			<1		
SR4	17/10/2019	Mid-Ebb	Fine	Moderate	12:57	4	S	1	2	13	13		0.17	0.18		0.010	0.011		NA	NA	NA	NA	NA		710	674		NA	NA		<1	1	
SR4	17/10/2019	Mid-Ebb	Fine	Moderate	12:57	4	S	1	3										NA	NA	NA	NA											
SR4	17/10/2019	Mid-Ebb	Fine	Moderate	12:57	4	M		1										NA	NA	NA	NA						NA					
SR4	17/10/2019	Mid-Ebb	Fine	Moderate	12:57	4	M		2		NA	11		NA	0.18		NA	0.011	NA	NA	NA	NA	NA	NA		NA	592	NA	NA	NA		NA	1
SR4	17/10/2019	Mid-Ebb	Fine	Moderate	12:57	4	M		3										NA	NA	NA	NA											
SR4	17/10/2019	Mid-Ebb	Fine	Moderate	12:57	4	B	3	1	8			0.19			0.011			NA	NA	NA	NA			550			NA			<1		
SR4	17/10/2019	Mid-Ebb	Fine	Moderate	12:57	4	B	3	2	8	8		0.18	0.19		0.011	0.011		NA	NA	NA	NA	NA		490	519		NA	NA		<1	1	
SR4	17/10/2019	Mid-Ebb	Fine	Moderate	12:57	4	B	3	3										NA	NA	NA	NA											
SR5	17/10/2019	Mid-Ebb	Fine	Moderate	12:13	11	S	1	1	7			NA			NA			0.33	0.06	0.06	0.45			NA			NA			NA		
SR5	17/10/2019	Mid-Ebb	Fine	Moderate	12:13	11	S	1	2	7	7		NA	NA		NA	NA		0.35	0.05	0.06	0.46	0.45		NA	NA		NA	NA		NA	NA	
SR5	17/10/2019	Mid-Ebb	Fine	Moderate	12:13	11	S	1	3										0.34	0.05	0.06	0.45											
SR5	17/10/2019	Mid-Ebb	Fine	Moderate	12:13	11	M	5.5	1	8			NA			NA			0.35	0.05	0.06	0.46			NA			NA			NA		
SR5	17/10/2019	Mid-Ebb	Fine	Moderate	12:13	11	M	5.5	2	7	8	8	NA	NA	NA	NA	NA	NA	0.37	0.06	0.06	0.49	0.48	0.46	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	17/10/2019	Mid-Ebb	Fine	Moderate	12:13	11	M	5.5	3										0.36	0.06	0.06	0.48											
SR5	17/10/2019	Mid-Ebb	Fine	Moderate	12:13	11	B	10	1	8			NA			NA			0.34	0.06	0.06	0.46			NA			NA			NA		
SR5	17/10/2019	Mid-Ebb	Fine	Moderate	12:13	11	B	10	2	8	8		NA	NA		NA	NA		0.35	0.05	0.06	0.46	0.46		NA	NA		NA	NA		NA	NA	
SR5	17/10/2019	Mid-Ebb	Fine	Moderate	12:13	11	B	10	3										0.34	0.05	0.06	0.45											
SR12	17/10/2019	Mid-Ebb	Fine	Moderate	13:10	15	S	1	1	6			0.31			0.019			NA	NA	NA	NA			710			NA			<1		
SR12	17/10/2019	Mid-Ebb	Fine	Moderate	13:10	15	S	1	2	7	7		0.29	0.30		0.017	0.018		NA	NA	NA	NA	NA		610	658		NA	NA		<1	1	
SR12	17/10/2019	Mid-Ebb	Fine	Moderate	13:10	15	S	1	3										NA	NA	NA	NA											
SR12	17/10/2019	Mid-Ebb	Fine	Moderate	13:10	15	M	7.5	1	8			0.32			0.019			NA	NA	NA	NA			470			NA			<1		
SR12	17/10/2019	Mid-Ebb	Fine	Moderate	13:10	15	M	7.5	2	8	8	9	0.31	0.32	0.31	0.019	0.019	0.019	NA	NA	NA	NA	NA	NA	660	557	565	NA	NA	NA	<1	1	1
SR12	17/10/2019	Mid-Ebb	Fine	Moderate	13:10	15	M	7.5	3										NA	NA	NA	NA											
SR12	17/10/2019	Mid-Ebb	Fine	Moderate	13:10	15	B	14	1	11			0.32			0.020			NA	NA	NA	NA			550			NA			<1		
SR12	17/10/2019	Mid-Ebb	Fine	Moderate	13:10	15	B	14	2	12	12		0.30	0.31		0.019	0.019		NA	NA	NA	NA	NA		440	492		NA	NA		<1	1	
SR12	17/10/2019	Mid-Ebb	Fine	Moderate	13:10	15	B	14	3										NA	NA	NA	NA											
SR13	17/10/2019	Mid-Ebb	Fine	Moderate	13:32	14	S	1	1	14			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	17/10/2019	Mid-Ebb	Fine	Moderate	13:32	14	S	1	2	13	14		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	17/10/2019	Mid-Ebb	Fine	Moderate	13:32	14	S	1	3										NA	NA	NA	NA											
SR13	17/10/2019	Mid-Ebb	Fine	Moderate	13:32	14	M	7	1	11			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	17/10/2019	Mid-Ebb	Fine	Moderate	13:32	14	M	7	2	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	17/10/2019	Mid-Ebb	Fine	Moderate	13:32	14	M	7	3										NA	NA	NA	NA											
SR13	17/10/2019	Mid-Ebb	Fine	Moderate	13:32	14	B	13	1	9			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	17/10/2019	Mid-Ebb	Fine	Moderate	13:32	14	B	13	2	9	9		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	17/10/2019	Mid-Ebb	Fine	Moderate	13:32	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 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	Value	Ave.	Depth	Value	Ave.	Depth	Value	Value	Value	Value	Ave.	Depth
C1A	19/10/2019	Mid-Flood	Fine	Moderate	13:05	28	S	1	1	7.96		30.00		28.54		82.4		5.41			4.0			0.21			0.011			0.21	0.09	0.10	0.40		
C1A	19/10/2019	Mid-Flood	Fine	Moderate	13:05	28	S	1	2	7.96	7.96	30.00	30.00	28.54	28.54	82.6	82.5	5.44	5.43		4.0	4.0		0.22	0.22		0.011	0.011		0.22	0.09	0.10	0.41	0.40	
C1A	19/10/2019	Mid-Flood	Fine	Moderate	13:05	28	S	1	3											5.38										0.21	0.09	0.10	0.40		
C1A	19/10/2019	Mid-Flood	Fine	Moderate	13:05	28	M	14	1	7.96		30.03		28.49		81.1		5.33			4.2			0.21			0.011			0.21	0.10	0.11	0.42		
C1A	19/10/2019	Mid-Flood	Fine	Moderate	13:05	28	M	14	2	7.96	7.96	30.03	30.03	28.49	28.49	81.2	81.2	5.34	5.34		4.4	4.3	5.1	0.21	0.21	0.20	0.011	0.011	0.010	0.21	0.10	0.11	0.42	0.42	0.40
C1A	19/10/2019	Mid-Flood	Fine	Moderate	13:05	28	M	14	3																					0.20	0.10	0.11	0.41		
C1A	19/10/2019	Mid-Flood	Fine	Moderate	13:05	28	B	27	1	7.95		30.41		28.48		78.1		5.11			7.0			0.19			0.009			0.19	0.10	0.10	0.39		
C1A	19/10/2019	Mid-Flood	Fine	Moderate	13:05	28	B	27	2	7.95	7.95	30.41	30.41	28.48	28.48	78.5	78.3	5.16	5.14		7.1	7.1		0.18	0.19		0.009	0.009		0.18	0.10	0.10	0.38	0.39	
C1A	19/10/2019	Mid-Flood	Fine	Moderate	13:05	28	B	27	3																					0.19	0.10	0.10	0.39		
C2A	19/10/2019	Mid-Flood	Fine	Moderate	10:59	13	S	1	1	7.90		31.20		28.54		72.3		4.72			4.4			0.24			0.011			0.24	0.07	0.06	0.37		
C2A	19/10/2019	Mid-Flood	Fine	Moderate	10:59	13	S	1	2	7.90	7.90	31.20	31.20	28.54	28.54	72.4	72.3	4.75	4.74		4.5	4.5		0.25	0.25		0.011	0.011		0.25	0.07	0.06	0.38	0.37	
C2A	19/10/2019	Mid-Flood	Fine	Moderate	10:59	13	S	1	3											4.71										0.24	0.07	0.06	0.37		
C2A	19/10/2019	Mid-Flood	Fine	Moderate	10:59	13	M	6.5	1	7.91		31.20		28.52		71.8		4.68			4.5			0.26			0.012			0.26	0.08	0.06	0.40		
C2A	19/10/2019	Mid-Flood	Fine	Moderate	10:59	13	M	6.5	2	7.91	7.91	31.20	31.20	28.53	28.53	72.0	71.9	4.70	4.69		4.5	4.5	4.7	0.26	0.26	0.26	0.012	0.012	0.012	0.26	0.08	0.06	0.40	0.40	0.40
C2A	19/10/2019	Mid-Flood	Fine	Moderate	10:59	13	M	6.5	3																					0.26	0.08	0.06	0.40		
C2A	19/10/2019	Mid-Flood	Fine	Moderate	10:59	13	B	12	1	7.92		31.26		28.52		70.1		4.57			5.2			0.29			0.013			0.29	0.08	0.06	0.43		
C2A	19/10/2019	Mid-Flood	Fine	Moderate	10:59	13	B	12	2	7.92	7.92	31.26	31.26	28.52	28.52	70.5	70.3	4.60	4.59		5.2	5.2		0.28	0.29		0.013	0.013		0.28	0.08	0.06	0.42	0.43	
C2A	19/10/2019	Mid-Flood	Fine	Moderate	10:59	13	B	12	3																					0.29	0.08	0.06	0.43		
G2	19/10/2019	Mid-Flood	Fine	Moderate	12:19	12	S	1	1	7.90		30.11		28.44		83.0		5.48			6.2			NA			NA			0.27	0.11	0.10	0.48		
G2	19/10/2019	Mid-Flood	Fine	Moderate	12:19	12	S	1	2	7.90	7.90	30.11	30.11	28.44	28.44	83.2	83.1	5.50	5.49		6.3	6.3		NA	NA		NA	NA		0.28	0.11	0.10	0.49	0.49	
G2	19/10/2019	Mid-Flood	Fine	Moderate	12:19	12	S	1	3											5.47										0.28	0.11	0.10	0.49		
G2	19/10/2019	Mid-Flood	Fine	Moderate	12:19	12	M	6	1	7.92		29.99		28.57		82.9		5.44			3.8			NA			NA			0.23	0.11	0.10	0.44		
G2	19/10/2019	Mid-Flood	Fine	Moderate	12:19	12	M	6	2	7.92	7.92	29.99	29.99	28.57	28.57	83.1	83.0	5.45	5.45		3.7	3.8	4.8	NA	NA	NA	NA	NA	NA	0.23	0.11	0.10	0.44	0.44	0.47
G2	19/10/2019	Mid-Flood	Fine	Moderate	12:19	12	M	6	3																					0.23	0.11	0.10	0.44		
G2	19/10/2019	Mid-Flood	Fine	Moderate	12:19	12	B	11	1	7.94		30.00		28.52		80.9		5.28			4.3			NA			NA			0.25	0.12	0.10	0.47		
G2	19/10/2019	Mid-Flood	Fine	Moderate	12:19	12	B	11	2	7.94	7.94	30.00	30.00	28.52	28.52	81.0	81.0	5.30	5.29		4.5	4.4		NA	NA		NA	NA		0.26	0.12	0.10	0.48	0.47	
G2	19/10/2019	Mid-Flood	Fine	Moderate	12:19	12	B	11	3																					0.25	0.12	0.10	0.47		
SR4	19/10/2019	Mid-Flood	Fine	Moderate	11:57	4	S	1	1	7.94		31.19		28.56		73.1		4.76			4.0			0.26			0.013			NA	NA	NA	NA		
SR4	19/10/2019	Mid-Flood	Fine	Moderate	11:57	4	S	1	2	7.94	7.94	31.19	31.19	28.56	28.56	73.5	73.3	4.80	4.78		4.1	4.1		0.27	0.27		0.013	0.013		NA	NA	NA	NA	NA	
SR4	19/10/2019	Mid-Flood	Fine	Moderate	11:57	4	S	1	3											4.78										NA	NA	NA	NA		
SR4	19/10/2019	Mid-Flood	Fine	Moderate	11:57	4	M		1																					NA	NA	NA	NA		
SR4	19/10/2019	Mid-Flood	Fine	Moderate	11:57	4	M		2		NA		NA		NA		NA		NA			NA	4.3		NA	0.26		NA	0.012	NA	NA	NA	NA	NA	NA
SR4	19/10/2019	Mid-Flood	Fine	Moderate	11:57	4	M		3																					NA	NA	NA	NA		
SR4	19/10/2019	Mid-Flood	Fine	Moderate	11:57	4	B	3	1	7.93		31.20		28.54		71.4		4.66			4.5			0.25			0.012			NA	NA	NA	NA		
SR4	19/10/2019	Mid-Flood	Fine	Moderate	11:57	4	B	3	2	7.93	7.93	31.20	31.20	28.54	28.54	71.6	71.5	4.67	4.67		4.5	4.5		0.26	0.26		0.012	0.012		NA	NA	NA	NA	NA	
SR4	19/10/2019	Mid-Flood	Fine	Moderate	11:57	4	B	3	3																					NA	NA	NA	NA		
SR5	19/10/2019	Mid-Flood	Fine	Moderate	12:40	11	S	1	1	7.95		30.01		28.51		81.8		5.37			4.3			NA			NA			0.24	0.12	0.10	0.46		
SR5	19/10/2019	Mid-Flood	Fine	Moderate	12:40	11	S	1	2	7.95	7.95	30.01	30.01	28.51	28.51	82.0	81.9	5.40	5.39		4.3	4.3		NA	NA		NA	NA		0.26	0.12	0.10	0.48	0.47	
SR5	19/10/2019	Mid-Flood	Fine	Moderate	12:40	11	S	1	3											5.36										0.25	0.12	0.10	0.47		
SR5	19/10/2019	Mid-Flood	Fine	Moderate	12:40	11	M	5.5	1	7.95		30.03		28.49		81.2		5.33			4.5			NA			NA			0.18	0.12	0.11	0.41		
SR5	19/10/2019	Mid-Flood	Fine	Moderate	12:40	11	M	5.5	2	7.95	7.95	30.03	30.03	28.49	28.49	81.5	81.4	5.35	5.34		4.5	4.5	5.0	NA	NA	NA	NA	NA	NA	0.17	0.12	0.11	0.40	0.41	0.45
SR5	19/10/2019	Mid-Flood	Fine	Moderate	12:40	11	M	5.5	3																					0.19	0.12	0.11	0.42		
SR5	19/10/2019	Mid-Flood	Fine	Moderate	12:40	11	B	10	1	7.95		30.30		28.48		78.8		5.17			6.3			NA			NA			0.22	0.13	0.11	0.46		
SR5	19/10/2019	Mid-Flood	Fine	Moderate	12:40	11	B	10	2	7.95	7.95	30.30	30.30	28.48	28.48	79.0	78.9	5.19	5.18		6.3	6.3		NA	NA		NA	NA		0.20	0.13	0.11	0.44	0.46	
SR5	19/10/2019	Mid-Flood	Fine	Moderate	12:40	11	B	10	3																					0.23	0.13	0.11	0.47		
SR12	19/10/2019	Mid-Flood	Fine	Moderate	11:36	15	S	1	1	7.93		31.20		28.54		73.7		4.78			4.5			0.25			0.012			NA	NA	NA	NA		
SR12	19/10/2019	Mid-Flood	Fine	Moderate	11:36	15	S	1	2	7.93	7.93	31.20	31.20	28.54	28.54	73.9	73.8	4.80	4.79		4.6	4.5		0.25	0.25		0.012	0.012		NA	NA	NA	NA	NA	
SR12	19/10/2019	Mid-Flood	Fine	Moderate	11:36	15	S	1	3											4.74										NA	NA	NA	NA		
SR12	19/10/2019	Mid-Flood	Fine	Moderate	11:36	15	M	7.5	1	7.93		31.21		28.52		71.6		4.67			4.7			0.32			0.015			NA	NA	NA	NA		
SR12	19/10/2019	Mid-Flood	Fine	Moderate	11:36	15	M	7.5	2	7.93	7.93	31.21	31.21	28.52	28.52	72.0	71.8	4.69	4.68		4.8	4.8	4.9	0.33	0.33	0.29	0.016	0.015	0.013	NA	NA	NA	NA	NA	NA
SR12	19/10/2019	Mid-Flood	Fine	Moderate	11:36	15	M	7.5	3																					NA	NA	NA	NA		
SR12	19/10/2019	Mid-Flood	Fine	Moderate	11:36	15	B	14	1	7.92		31.33		28.51		69.9		4.56			5.3			0.29			0.013			NA	NA	NA	NA		
SR12	19/10/2019	Mid-Flood	Fine	Moderate	11:36	15	B	14	2	7.92	7.92	31.33	31.33	28.51	28.51	70.3	70.1	4.60	4.58		5.4	5.3		0.28	0.29		0.013	0.013		NA	NA	NA	NA	NA	
SR12	19/10/2019	Mid-Flood	Fine	Moderate	11:36	15	B	14	3																					NA	NA	NA	NA		
SR13	19/10/2019	Mid-Flood	Fine	Moderate	11:18	14	S	1	1	7.81		31.29		28.44		74.4		4.85			4.6			NA			NA			NA	NA	NA	NA		
SR13	19/10/2019	Mid-Flood	Fine	Moderate	11:18	14	S	1	2	7.81	7.81	31.29	31.29	28.44	28.44	74.5	74.5	4.86	4.86		4.6	4.6		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	19/10/2019	Mid-Flood	Fine	Moderate	11:18	14	S	1	3											4.78										NA	NA	NA	NA		
SR13	19/10/2019	Mid-Flood	Fine	Moderate	11:18	14	M	7	1	7.88		31.22		28.51		72.1		4.70			4.6			NA			NA			NA	NA	NA	NA		
SR13	19/10/2019	Mid-Flood	Fine	Moderate	11:18	14	M	7	2	7.88	7.88	31.22	31.22	28.51	28.51	72.3	72.2	4.72	4.71		4.6	4.6	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	19/10/2019	Mid-Flood	Fine	Moderate	11:18	14	M	7	3																					NA	NA	NA	NA		
SR13	19/10/2019	Mid-Flood	Fine	Moderate	11:18	14	B	13	1	7.92		31.24		28.52		70.5		4.60			5.3			NA			NA			NA	NA	NA	NA		
SR13	19/10/2019	Mid-Flood	Fine	Moderate	11:18	14	B	13	2	7.92	7.92	31.24	31.24	28.52	28.52	70.5	70.5	4.61	4.61		5.4	5.4		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	19/10/2019	Mid-Flood	Fine	Moderate	11:18	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 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	19/10/2019	Mid-Flood	Fine	Moderate	13:05	28	S	1	1	4			0.25			0.013			0.25	0.09	0.10	0.44			14			NA			<1		
C1A	19/10/2019	Mid-Flood	Fine	Moderate	13:05	28	S	1	2	4	4		0.17	0.21		0.009	0.011		0.17	0.09	0.11	0.37	0.39		15	14		NA	NA		<1	1	
C1A	19/10/2019	Mid-Flood	Fine	Moderate	13:05	28	S	1	3										0.17	0.10	0.10	0.37											
C1A	19/10/2019	Mid-Flood	Fine	Moderate	13:05	28	M	14	1	5			0.24			0.012			0.24	0.10	0.09	0.43			12			NA			<1		
C1A	19/10/2019	Mid-Flood	Fine	Moderate	13:05	28	M	14	2	5	5	5	0.16	0.20	0.20	0.008	0.010	0.010	0.16	0.10	0.10	0.36	0.39	0.39	13	12	13	NA	NA	NA	<1	1	1
C1A	19/10/2019	Mid-Flood	Fine	Moderate	13:05	28	M	14	3										0.17	0.11	0.10	0.38											
C1A	19/10/2019	Mid-Flood	Fine	Moderate	13:05	28	B	27	1	5			0.22			0.011			0.22	0.10	0.10	0.42			11			NA			<1		
C1A	19/10/2019	Mid-Flood	Fine	Moderate	13:05	28	B	27	2	4	5		0.17	0.20		0.008	0.010		0.17	0.10	0.10	0.37	0.39		13	12		NA	NA		<1	1	
C1A	19/10/2019	Mid-Flood	Fine	Moderate	13:05	28	B	27	3										0.17	0.10	0.10	0.37											
C2A	19/10/2019	Mid-Flood	Fine	Moderate	10:59	13	S	1	1	5			0.30			0.013			0.30	0.07	0.06	0.43			740			NA			<1		
C2A	19/10/2019	Mid-Flood	Fine	Moderate	10:59	13	S	1	2	5	5		0.24	0.27		0.011	0.012		0.24	0.07	0.06	0.37	0.40		800	769		NA	NA		<1	1	
C2A	19/10/2019	Mid-Flood	Fine	Moderate	10:59	13	S	1	3										0.26	0.07	0.06	0.39											
C2A	19/10/2019	Mid-Flood	Fine	Moderate	10:59	13	M	6.5	1	5			0.23			0.010			0.23	0.07	0.06	0.36			550			NA			<1		
C2A	19/10/2019	Mid-Flood	Fine	Moderate	10:59	13	M	6.5	2	5	5	6	0.23	0.23	0.27	0.010	0.010	0.012	0.23	0.07	0.06	0.36	0.37	0.40	670	607	708	NA	NA	NA	<1	1	1
C2A	19/10/2019	Mid-Flood	Fine	Moderate	10:59	13	M	6.5	3										0.27	0.07	0.06	0.40											
C2A	19/10/2019	Mid-Flood	Fine	Moderate	10:59	13	B	12	1	8			0.34			0.016			0.34	0.07	0.06	0.47			840			NA			<1		
C2A	19/10/2019	Mid-Flood	Fine	Moderate	10:59	13	B	12	2	7	8		0.26	0.30		0.012	0.014		0.26	0.07	0.06	0.39	0.44		690	761		NA	NA		<1	1	
C2A	19/10/2019	Mid-Flood	Fine	Moderate	10:59	13	B	12	3										0.32	0.07	0.06	0.45											
G2	19/10/2019	Mid-Flood	Fine	Moderate	12:19	12	S	1	1	5			NA			NA			0.27	0.11	0.10	0.48			NA			NA			NA		
G2	19/10/2019	Mid-Flood	Fine	Moderate	12:19	12	S	1	2	5	5		NA	NA		NA	NA		0.24	0.11	0.10	0.45	0.47		NA	NA		NA	NA		NA	NA	
G2	19/10/2019	Mid-Flood	Fine	Moderate	12:19	12	S	1	3										0.28	0.11	0.10	0.49											
G2	19/10/2019	Mid-Flood	Fine	Moderate	12:19	12	M	6	1	5			NA			NA			0.22	0.10	0.10	0.42			NA			NA			NA		
G2	19/10/2019	Mid-Flood	Fine	Moderate	12:19	12	M	6	2	6	6	5	NA	NA	NA	NA	NA	NA	0.23	0.11	0.10	0.44	0.43	0.45	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	19/10/2019	Mid-Flood	Fine	Moderate	12:19	12	M	6	3										0.22	0.10	0.10	0.42											
G2	19/10/2019	Mid-Flood	Fine	Moderate	12:19	12	B	11	1	5			NA			NA			0.22	0.11	0.10	0.43			NA			NA			NA		
G2	19/10/2019	Mid-Flood	Fine	Moderate	12:19	12	B	11	2	4	5		NA	NA		NA	NA		0.24	0.11	0.10	0.45	0.46		NA	NA		NA	NA		NA	NA	
G2	19/10/2019	Mid-Flood	Fine	Moderate	12:19	12	B	11	3										0.29	0.10	0.10	0.49											
SR4	19/10/2019	Mid-Flood	Fine	Moderate	11:57	4	S	1	1	13			0.30			0.015			NA	NA	NA	NA			490			NA			4		
SR4	19/10/2019	Mid-Flood	Fine	Moderate	11:57	4	S	1	2	12	13		0.23	0.27		0.011	0.013		NA	NA	NA	NA	NA		550	519		NA	NA		<1	3	
SR4	19/10/2019	Mid-Flood	Fine	Moderate	11:57	4	S	1	3										NA	NA	NA	NA											
SR4	19/10/2019	Mid-Flood	Fine	Moderate	11:57	4	M		1										NA	NA	NA	NA						NA					
SR4	19/10/2019	Mid-Flood	Fine	Moderate	11:57	4	M		2		NA	10		NA	0.25		NA	0.012	NA	NA	NA	NA	NA	NA		NA	551	NA	NA	NA		NA	2
SR4	19/10/2019	Mid-Flood	Fine	Moderate	11:57	4	M		3										NA	NA	NA	NA											
SR4	19/10/2019	Mid-Flood	Fine	Moderate	11:57	4	B	3	1	8			0.24			0.011			NA	NA	NA	NA			510			NA			<1		
SR4	19/10/2019	Mid-Flood	Fine	Moderate	11:57	4	B	3	2	7	8		0.21	0.23		0.010	0.011		NA	NA	NA	NA	NA		670	585		NA	NA		<1	1	
SR4	19/10/2019	Mid-Flood	Fine	Moderate	11:57	4	B	3	3										NA	NA	NA	NA											
SR5	19/10/2019	Mid-Flood	Fine	Moderate	12:40	11	S	1	1	6			NA			NA			0.24	0.12	0.10	0.46			NA			NA			NA		
SR5	19/10/2019	Mid-Flood	Fine	Moderate	12:40	11	S	1	2	5	6		NA	NA		NA	NA		0.22	0.10	0.10	0.42	0.44		NA	NA		NA	NA		NA	NA	
SR5	19/10/2019	Mid-Flood	Fine	Moderate	12:40	11	S	1	3										0.25	0.10	0.10	0.45											
SR5	19/10/2019	Mid-Flood	Fine	Moderate	12:40	11	M	5.5	1	6			NA			NA			0.27	0.10	0.10	0.47			NA			NA			NA		
SR5	19/10/2019	Mid-Flood	Fine	Moderate	12:40	11	M	5.5	2	5	6	5	NA	NA	NA	NA	NA	NA	0.17	0.12	0.10	0.39	0.44	0.45	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	19/10/2019	Mid-Flood	Fine	Moderate	12:40	11	M	5.5	3										0.24	0.10	0.11	0.45											
SR5	19/10/2019	Mid-Flood	Fine	Moderate	12:40	11	B	10	1	5			NA			NA			0.36	0.11	0.10	0.57			NA			NA			NA		
SR5	19/10/2019	Mid-Flood	Fine	Moderate	12:40	11	B	10	2	5	5		NA	NA		NA	NA		0.27	0.11	0.10	0.48	0.47		NA	NA		NA	NA		NA	NA	
SR5	19/10/2019	Mid-Flood	Fine	Moderate	12:40	11	B	10	3										0.16	0.11	0.10	0.37											
SR12	19/10/2019	Mid-Flood	Fine	Moderate	11:36	15	S	1	1	7			0.25			0.012			NA	NA	NA	NA			410			NA			<1		
SR12	19/10/2019	Mid-Flood	Fine	Moderate	11:36	15	S	1	2	6	7		0.22	0.24		0.010	0.011		NA	NA	NA	NA	NA		450	430		NA	NA		<1	1	
SR12	19/10/2019	Mid-Flood	Fine	Moderate	11:36	15	S	1	3										NA	NA	NA	NA											
SR12	19/10/2019	Mid-Flood	Fine	Moderate	11:36	15	M	7.5	1	6			0.34			0.016			NA	NA	NA	NA			500			NA			<1		
SR12	19/10/2019	Mid-Flood	Fine	Moderate	11:36	15	M	7.5	2	5	6	6	0.30	0.32	0.27	0.014	0.015	0.013	NA	NA	NA	NA	NA	NA	610	552	533	NA	NA	NA	<1	1	1
SR12	19/10/2019	Mid-Flood	Fine	Moderate	11:36	15	M	7.5	3										NA	NA	NA	NA											
SR12	19/10/2019	Mid-Flood	Fine	Moderate	11:36	15	B	14	1	6			0.24			0.011			NA	NA	NA	NA			610			NA			<1		
SR12	19/10/2019	Mid-Flood	Fine	Moderate	11:36	15	B	14	2	6	6		0.28	0.26		0.013	0.012		NA	NA	NA	NA	NA		670	639		NA	NA		<1	1	
SR12	19/10/2019	Mid-Flood	Fine	Moderate	11:36	15	B	14	3										NA	NA	NA	NA											
SR13	19/10/2019	Mid-Flood	Fine	Moderate	11:18	14	S	1	1	8			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	19/10/2019	Mid-Flood	Fine	Moderate	11:18	14	S	1	2	9	9		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	19/10/2019	Mid-Flood	Fine	Moderate	11:18	14	S	1	3										NA	NA	NA	NA											
SR13	19/10/2019	Mid-Flood	Fine	Moderate	11:18	14	M	7	1	8			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	19/10/2019	Mid-Flood	Fine	Moderate	11:18	14	M	7	2	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	19/10/2019	Mid-Flood	Fine	Moderate	11:18	14	M	7	3										NA	NA	NA	NA											
SR13	19/10/2019	Mid-Flood	Fine	Moderate	11:18	14	B	13	1	8			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	19/10/2019	Mid-Flood	Fine	Moderate	11:18	14	B	13	2	8	8		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	19/10/2019	Mid-Flood	Fine	Moderate	11:18	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 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-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth	Value	Ave.	Depth	Value	Ave.	Depth	Value	Value	Value	Value	Ave.	Depth
C1A	19/10/2019	Mid-Ebb	Fine	Moderate	13:40	28	S	1	1	7.96		29.98		28.58		83.5		5.53			4.0			0.17			0.009			0.17	0.11	0.10	0.38		
C1A	19/10/2019	Mid-Ebb	Fine	Moderate	13:40	28	S	1	2	7.96	7.96	29.98	29.98	28.58	28.58	82.8	83.2	5.56	5.55		4.0	4.0		0.18	0.18		0.009	0.009		0.18	0.11	0.10	0.39	0.39	
C1A	19/10/2019	Mid-Ebb	Fine	Moderate	13:40	28	S	1	3											5.50										0.18	0.11	0.10	0.39		
C1A	19/10/2019	Mid-Ebb	Fine	Moderate	13:40	28	M	14	1	7.96		30.01		28.50		82.5		5.45			4.3			0.19			0.010			0.19	0.11	0.10	0.40		
C1A	19/10/2019	Mid-Ebb	Fine	Moderate	13:40	28	M	14	2	7.96	7.96	30.01	30.01	28.50	28.50	82.8	82.7	5.47	5.46		4.4	4.4	5.1	0.20	0.20	0.20	0.010	0.010	0.010	0.20	0.11	0.10	0.41	0.40	0.41
C1A	19/10/2019	Mid-Ebb	Fine	Moderate	13:40	28	M	14	3																					0.19	0.11	0.10	0.40		
C1A	19/10/2019	Mid-Ebb	Fine	Moderate	13:40	28	B	27	1	7.96		30.51		28.49		78.4		5.17			7.0			0.23			0.012			0.23	0.11	0.10	0.44		
C1A	19/10/2019	Mid-Ebb	Fine	Moderate	13:40	28	B	27	2	7.96	7.96	30.51	30.51	28.49	28.49	78.8	78.6	5.21	5.19		6.8	6.9		0.24	0.24		0.012	0.012		0.24	0.11	0.10	0.45	0.45	
C1A	19/10/2019	Mid-Ebb	Fine	Moderate	13:40	28	B	27	3																					0.23	0.12	0.10	0.45		
C2A	19/10/2019	Mid-Ebb	Fine	Moderate	15:49	13	S	1	1	7.91		31.40		28.68		70.4		4.64			4.7			0.26			0.012			0.26	0.08	0.06	0.40		
C2A	19/10/2019	Mid-Ebb	Fine	Moderate	15:49	13	S	1	2	7.91	7.91	31.40	31.40	28.68	28.68	71.3	70.9	4.70	4.67		4.7	4.7		0.27	0.27		0.012	0.012		0.27	0.08	0.06	0.41	0.40	
C2A	19/10/2019	Mid-Ebb	Fine	Moderate	15:49	13	S	1	3											4.69										0.26	0.08	0.06	0.40		
C2A	19/10/2019	Mid-Ebb	Fine	Moderate	15:49	13	M	6.5	1	7.91		31.35		28.54		72.3		4.72			4.8			0.30			0.014			0.30	0.08	0.07	0.45		
C2A	19/10/2019	Mid-Ebb	Fine	Moderate	15:49	13	M	6.5	2	7.91	7.91	31.35	31.35	28.54	28.54	72.4	72.4	4.70	4.71		4.8	4.8	5.0	0.31	0.31	0.28	0.014	0.014	0.013	0.31	0.08	0.07	0.46	0.45	0.42
C2A	19/10/2019	Mid-Ebb	Fine	Moderate	15:49	13	M	6.5	3																					0.30	0.08	0.07	0.45		
C2A	19/10/2019	Mid-Ebb	Fine	Moderate	15:49	13	B	12	1	7.92		31.52		28.52		70.0		4.58			5.4			0.25			0.012			0.25	0.09	0.07	0.41		
C2A	19/10/2019	Mid-Ebb	Fine	Moderate	15:49	13	B	12	2	7.92	7.92	31.52	31.52	28.52	28.52	70.4	70.2	4.61	4.60		5.4	5.4		0.26	0.26		0.012	0.012		0.26	0.09	0.07	0.42	0.41	
C2A	19/10/2019	Mid-Ebb	Fine	Moderate	15:49	13	B	12	3																					0.25	0.09	0.07	0.41		
G2	19/10/2019	Mid-Ebb	Fine	Moderate	14:18	12	S	1	1	7.90		30.13		28.45		83.5		5.52			3.6			NA			NA			0.24	0.10	0.10	0.44		
G2	19/10/2019	Mid-Ebb	Fine	Moderate	14:18	12	S	1	2	7.90	7.90	30.13	30.13	28.45	28.45	83.4	83.5	5.51	5.52		3.5	3.6		NA	NA		NA	NA		0.24	0.10	0.10	0.44	0.44	
G2	19/10/2019	Mid-Ebb	Fine	Moderate	14:18	12	S	1	3											5.47										0.24	0.10	0.10	0.44		
G2	19/10/2019	Mid-Ebb	Fine	Moderate	14:18	12	M	6	1	7.92		29.99		28.60		82.5		5.41			3.8			NA			NA			0.25	0.11	0.10	0.46		
G2	19/10/2019	Mid-Ebb	Fine	Moderate	14:18	12	M	6	2	7.92	7.92	30.00	30.00	28.60	28.60	82.8	82.7	5.44	5.43		3.9	3.9	3.9	NA	NA	NA	NA	NA	NA	0.26	0.11	0.10	0.47	0.47	0.46
G2	19/10/2019	Mid-Ebb	Fine	Moderate	14:18	12	M	6	3																					0.26	0.11	0.10	0.47		
G2	19/10/2019	Mid-Ebb	Fine	Moderate	14:18	12	B	11	1	7.92		30.01		28.60		82.1		5.38			4.2			NA			NA			0.24	0.11	0.11	0.46		
G2	19/10/2019	Mid-Ebb	Fine	Moderate	14:18	12	B	11	2	7.92	7.92	30.01	30.01	28.62	28.61	82.0	82.1	5.38	5.38		4.3	4.3		NA	NA		NA	NA		0.25	0.11	0.11	0.47	0.47	
G2	19/10/2019	Mid-Ebb	Fine	Moderate	14:18	12	B	11	3																					0.25	0.11	0.11	0.47		
SR4	19/10/2019	Mid-Ebb	Fine	Moderate	14:39	4	S	1	1	7.95		31.20		28.58		73.5		4.80			4.2			0.37			0.018			NA	NA	NA	NA		
SR4	19/10/2019	Mid-Ebb	Fine	Moderate	14:39	4	S	1	2	7.95	7.95	31.20	31.20	28.58	28.58	73.7	73.6	4.82	4.81		4.3	4.3		0.37	0.37		0.018	0.018		NA	NA	NA	NA	NA	
SR4	19/10/2019	Mid-Ebb	Fine	Moderate	14:39	4	S	1	3											4.81										NA	NA	NA	NA		
SR4	19/10/2019	Mid-Ebb	Fine	Moderate	14:39	4	M		1																					NA	NA	NA	NA		
SR4	19/10/2019	Mid-Ebb	Fine	Moderate	14:39	4	M		2		NA		NA		NA		NA		NA			NA	4.4		NA	0.35		NA	0.017	NA	NA	NA	NA	NA	NA
SR4	19/10/2019	Mid-Ebb	Fine	Moderate	14:39	4	M		3																					NA	NA	NA	NA		
SR4	19/10/2019	Mid-Ebb	Fine	Moderate	14:39	4	B	3	1	7.95		31.20		28.56		71.5		4.66			4.4			0.32			0.016			NA	NA	NA	NA		
SR4	19/10/2019	Mid-Ebb	Fine	Moderate	14:39	4	B	3	2	7.95	7.95	31.20	31.20	28.56	28.56	71.8	71.7	4.69	4.68		4.6	4.5		0.32	0.32		0.016	0.016		NA	NA	NA	NA	NA	
SR4	19/10/2019	Mid-Ebb	Fine	Moderate	14:39	4	B	3	3																					NA	NA	NA	NA		
SR5	19/10/2019	Mid-Ebb	Fine	Moderate	14:00	11	S	1	1	7.95		29.98		28.52		82.4		5.42			4.3			NA			NA			0.17	0.11	0.10	0.38		
SR5	19/10/2019	Mid-Ebb	Fine	Moderate	14:00	11	S	1	2	7.95	7.95	29.98	29.98	28.52	28.52	82.8	82.6	5.44	5.43		4.2	4.3		NA	NA		NA	NA		0.17	0.11	0.10	0.38	0.38	
SR5	19/10/2019	Mid-Ebb	Fine	Moderate	14:00	11	S	1	3											5.37										0.18	0.11	0.09	0.38		
SR5	19/10/2019	Mid-Ebb	Fine	Moderate	14:00	11	M	5.5	1	7.95		30.01		28.50		81.0		5.32			4.6			NA			NA			0.23	0.11	0.10	0.44		
SR5	19/10/2019	Mid-Ebb	Fine	Moderate	14:00	11	M	5.5	2	7.95	7.95	30.01	30.01	28.50	28.50	81.5	81.3	5.30	5.31		4.5	4.6	4.9	NA	NA	NA	NA	NA	NA	0.22	0.11	0.10	0.43	0.44	0.44
SR5	19/10/2019	Mid-Ebb	Fine	Moderate	14:00	11	M	5.5	3																					0.23	0.11	0.10	0.44		
SR5	19/10/2019	Mid-Ebb	Fine	Moderate	14:00	11	B	10	1	7.95		29.99		28.50		80.0		5.30			6.0			NA			NA			0.28	0.12	0.11	0.51		
SR5	19/10/2019	Mid-Ebb	Fine	Moderate	14:00	11	B	10	2	7.95	7.95	29.99	29.99	28.50	28.50	79.8	79.9	5.27	5.29		6.0	6.0		NA	NA		NA	NA		0.29	0.12	0.11	0.52	0.52	
SR5	19/10/2019	Mid-Ebb	Fine	Moderate	14:00	11	B	10	3																					0.29	0.12	0.11	0.52		
SR12	19/10/2019	Mid-Ebb	Fine	Moderate	15:02	15	S	1	1	7.99		31.45		28.55		74.0		4.80			4.6			0.33			0.018			NA	NA	NA	NA		
SR12	19/10/2019	Mid-Ebb	Fine	Moderate	15:02	15	S	1	2	7.99	7.99	31.45	31.45	28.55	28.55	73.8	73.9	4.78	4.79		4.7	4.7		0.33	0.33		0.018	0.018		NA	NA	NA	NA	NA	
SR12	19/10/2019	Mid-Ebb	Fine	Moderate	15:02	15	S	1	3											4.77										NA	NA	NA	NA		
SR12	19/10/2019	Mid-Ebb	Fine	Moderate	15:02	15	M	7.5	1	7.99		31.33		28.55		73.5		4.74			4.4			0.25			0.014			NA	NA	NA	NA		
SR12	19/10/2019	Mid-Ebb	Fine	Moderate	15:02	15	M	7.5	2	7.99	7.99	31.33	31.33	28.55	28.55	73.4	73.5	4.74	4.74		4.3	4.4	4.6	0.26	0.26	0.30	0.014	0.014	0.016	NA	NA	NA	NA	NA	NA
SR12	19/10/2019	Mid-Ebb	Fine	Moderate	15:02	15	M	7.5	3																					NA	NA	NA	NA		
SR12	19/10/2019	Mid-Ebb	Fine	Moderate	15:02	15	B	14	1	7.99		31.33		28.53		70.5		4.62			4.8			0.30			0.016			NA	NA	NA	NA		
SR12	19/10/2019	Mid-Ebb	Fine	Moderate	15:02	15	B	14	2	7.99	7.99	31.33	31.33	28.53	28.53	70.3	70.4	4.60	4.61		4.9	4.9		0.31	0.31		0.017	0.016		NA	NA	NA	NA	NA	
SR12	19/10/2019	Mid-Ebb	Fine	Moderate	15:02	15	B	14	3																					NA	NA	NA	NA		
SR13	19/10/2019	Mid-Ebb	Fine	Moderate	15:22	14	S	1	1	7.83		31.29		28.44		75.0		4.90			4.3			NA			NA			NA	NA	NA	NA		
SR13	19/10/2019	Mid-Ebb	Fine	Moderate	15:22	14	S	1	2	7.83	7.83	31.29	31.29	28.44	28.44	74.9	75.0	4.89	4.90		4.4	4.4		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	19/10/2019	Mid-Ebb	Fine	Moderate	15:22	14	S	1	3											4.83										NA	NA	NA	NA		
SR13	19/10/2019	Mid-Ebb	Fine	Moderate	15:22	14	M	7	1	7.83		31.29		28.54		72.5		4.75			4.6			NA			NA			NA	NA	NA	NA		
SR13	19/10/2019	Mid-Ebb	Fine	Moderate	15:22	14	M	7	2	7.83	7.83	31.29	31.29	28.54	28.54	72.8	72.7	4.78	4.77		4.6	4.6	4.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	19/10/2019	Mid-Ebb	Fine	Moderate	15:22	14	M	7	3																					NA	NA	NA	NA		
SR13	19/10/2019	Mid-Ebb	Fine	Moderate	15:22	14	B	13	1	7.85		31.29		28.56		71.5		4.72			4.8			NA			NA			NA	NA	NA	NA		
SR13	19/10/2019	Mid-Ebb	Fine	Moderate	15:22	14	B	13	2	7.85	7.85	31.29	31.29	28.56	28.56	71.4	71.5	4.72	4.72		4.8	4.8		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	19/10/2019	Mid-Ebb	Fine	Moderate	15:22	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 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	19/10/2019	Mid-Ebb	Fine	Moderate	13:40	28	S	1	1	4			0.16			0.008			0.16	0.10	0.10	0.36			11			NA			<1		
C1A	19/10/2019	Mid-Ebb	Fine	Moderate	13:40	28	S	1	2	4	4		0.16	0.16		0.008	0.008		0.16	0.11	0.10	0.37	0.37		11	11		NA	NA		<1	1	
C1A	19/10/2019	Mid-Ebb	Fine	Moderate	13:40	28	S	1	3										0.18	0.11	0.10	0.39											
C1A	19/10/2019	Mid-Ebb	Fine	Moderate	13:40	28	M	14	1	4			0.17			0.009			0.17	0.11	0.10	0.38			9			NA			<1		
C1A	19/10/2019	Mid-Ebb	Fine	Moderate	13:40	28	M	14	2	4	4	5	0.18	0.18	0.18	0.009	0.009	0.009	0.18	0.11	0.10	0.39	0.40	0.40	10	9	12	NA	NA	NA	<1	1	1
C1A	19/10/2019	Mid-Ebb	Fine	Moderate	13:40	28	M	14	3										0.24	0.10	0.10	0.44											
C1A	19/10/2019	Mid-Ebb	Fine	Moderate	13:40	28	B	27	1	6			0.25			0.013			0.25	0.11	0.10	0.46			16			NA			<1		
C1A	19/10/2019	Mid-Ebb	Fine	Moderate	13:40	28	B	27	2	6	6		0.18	0.22		0.009	0.011		0.18	0.11	0.10	0.39	0.42		14	15		NA	NA		<1	1	
C1A	19/10/2019	Mid-Ebb	Fine	Moderate	13:40	28	B	27	3										0.20	0.10	0.10	0.40											
C2A	19/10/2019	Mid-Ebb	Fine	Moderate	15:49	13	S	1	1	7			0.32			0.015			0.32	0.07	0.06	0.45			470			NA			<1		
C2A	19/10/2019	Mid-Ebb	Fine	Moderate	15:49	13	S	1	2	7	7		0.25	0.29		0.011	0.013		0.25	0.07	0.06	0.38	0.43		560	513		NA	NA		<1	1	
C2A	19/10/2019	Mid-Ebb	Fine	Moderate	15:49	13	S	1	3										0.31	0.08	0.06	0.45											
C2A	19/10/2019	Mid-Ebb	Fine	Moderate	15:49	13	M	6.5	1	5			0.23			0.010			0.23	0.07	0.06	0.36			510			NA			<1		
C2A	19/10/2019	Mid-Ebb	Fine	Moderate	15:49	13	M	6.5	2	5	5	6	0.27	0.25	0.26	0.012	0.011	0.012	0.27	0.07	0.06	0.40	0.38	0.40	600	553	576	NA	NA	NA	<1	1	1
C2A	19/10/2019	Mid-Ebb	Fine	Moderate	15:49	13	M	6.5	3										0.26	0.07	0.06	0.39											
C2A	19/10/2019	Mid-Ebb	Fine	Moderate	15:49	13	B	12	1	7			0.24			0.011			0.24	0.07	0.06	0.37			660			NA			<1		
C2A	19/10/2019	Mid-Ebb	Fine	Moderate	15:49	13	B	12	2	7	7		0.25	0.25		0.012	0.011		0.25	0.07	0.06	0.38	0.40		690	675		NA	NA		<1	1	
C2A	19/10/2019	Mid-Ebb	Fine	Moderate	15:49	13	B	12	3										0.33	0.07	0.06	0.46											
G2	19/10/2019	Mid-Ebb	Fine	Moderate	14:18	12	S	1	1	5			NA			NA			0.24	0.10	0.10	0.44			NA			NA			NA		
G2	19/10/2019	Mid-Ebb	Fine	Moderate	14:18	12	S	1	2	6	6		NA	NA		NA	NA		0.24	0.10	0.10	0.44	0.44		NA	NA		NA	NA		NA	NA	
G2	19/10/2019	Mid-Ebb	Fine	Moderate	14:18	12	S	1	3										0.23	0.10	0.10	0.43											
G2	19/10/2019	Mid-Ebb	Fine	Moderate	14:18	12	M	6	1	5			NA			NA			0.17	0.11	0.10	0.38			NA			NA			NA		
G2	19/10/2019	Mid-Ebb	Fine	Moderate	14:18	12	M	6	2	6	6	6	NA	NA	NA	NA	NA	NA	0.22	0.11	0.10	0.43	0.43	0.43	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	19/10/2019	Mid-Ebb	Fine	Moderate	14:18	12	M	6	3										0.26	0.11	0.10	0.47											
G2	19/10/2019	Mid-Ebb	Fine	Moderate	14:18	12	B	11	1	6			NA			NA			0.21	0.11	0.10	0.42			NA			NA			NA		
G2	19/10/2019	Mid-Ebb	Fine	Moderate	14:18	12	B	11	2	6	6		NA	NA		NA	NA		0.21	0.10	0.10	0.41	0.43		NA	NA		NA	NA		NA	NA	
G2	19/10/2019	Mid-Ebb	Fine	Moderate	14:18	12	B	11	3										0.25	0.10	0.10	0.45											
SR4	19/10/2019	Mid-Ebb	Fine	Moderate	14:39	4	S	1	1	5			0.36			0.018			NA	NA	NA	NA			510			NA			5		
SR4	19/10/2019	Mid-Ebb	Fine	Moderate	14:39	4	S	1	2	5	5		0.36	0.36		0.018	0.018		NA	NA	NA	NA	NA		690	593		NA	NA		<1	3	
SR4	19/10/2019	Mid-Ebb	Fine	Moderate	14:39	4	S	1	3										NA	NA	NA	NA											
SR4	19/10/2019	Mid-Ebb	Fine	Moderate	14:39	4	M		1										NA	NA	NA	NA						NA					
SR4	19/10/2019	Mid-Ebb	Fine	Moderate	14:39	4	M		2		NA	5		NA	0.32		NA	0.016	NA	NA	NA	NA	NA	NA		NA	609	NA	NA	NA		NA	2
SR4	19/10/2019	Mid-Ebb	Fine	Moderate	14:39	4	M		3										NA	NA	NA	NA											
SR4	19/10/2019	Mid-Ebb	Fine	Moderate	14:39	4	B	3	1	6			0.24			0.012			NA	NA	NA	NA			780			NA			<1		
SR4	19/10/2019	Mid-Ebb	Fine	Moderate	14:39	4	B	3	2	5	6		0.31	0.28		0.015	0.014		NA	NA	NA	NA	NA		500	624		NA	NA		<1	1	
SR4	19/10/2019	Mid-Ebb	Fine	Moderate	14:39	4	B	3	3										NA	NA	NA	NA											
SR5	19/10/2019	Mid-Ebb	Fine	Moderate	14:00	11	S	1	1	7			NA			NA			0.17	0.11	0.10	0.38			NA			NA			NA		
SR5	19/10/2019	Mid-Ebb	Fine	Moderate	14:00	11	S	1	2	6	7		NA	NA		NA	NA		0.17	0.11	0.10	0.38	0.40		NA	NA		NA	NA		NA	NA	
SR5	19/10/2019	Mid-Ebb	Fine	Moderate	14:00	11	S	1	3										0.25	0.11	0.09	0.45											
SR5	19/10/2019	Mid-Ebb	Fine	Moderate	14:00	11	M	5.5	1	6			NA			NA			0.16	0.11	0.10	0.37			NA			NA			NA		
SR5	19/10/2019	Mid-Ebb	Fine	Moderate	14:00	11	M	5.5	2	6	6	6	NA	NA	NA	NA	NA	NA	0.26	0.10	0.10	0.46	0.43	0.43	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	19/10/2019	Mid-Ebb	Fine	Moderate	14:00	11	M	5.5	3										0.24	0.11	0.10	0.45											
SR5	19/10/2019	Mid-Ebb	Fine	Moderate	14:00	11	B	10	1	6			NA			NA			0.28	0.10	0.10	0.48			NA			NA			NA		
SR5	19/10/2019	Mid-Ebb	Fine	Moderate	14:00	11	B	10	2	6	6		NA	NA		NA	NA		0.30	0.10	0.10	0.50	0.45		NA	NA		NA	NA		NA	NA	
SR5	19/10/2019	Mid-Ebb	Fine	Moderate	14:00	11	B	10	3										0.16	0.10	0.10	0.36											
SR12	19/10/2019	Mid-Ebb	Fine	Moderate	15:02	15	S	1	1	6			0.32			0.017			NA	NA	NA	NA			570			NA			<1		
SR12	19/10/2019	Mid-Ebb	Fine	Moderate	15:02	15	S	1	2	6	6		0.33	0.33		0.018	0.018		NA	NA	NA	NA	NA		640	604		NA	NA		<1	1	
SR12	19/10/2019	Mid-Ebb	Fine	Moderate	15:02	15	S	1	3										NA	NA	NA	NA											
SR12	19/10/2019	Mid-Ebb	Fine	Moderate	15:02	15	M	7.5	1	8			0.24			0.013			NA	NA	NA	NA			470			NA			<1		
SR12	19/10/2019	Mid-Ebb	Fine	Moderate	15:02	15	M	7.5	2	8	8	6	0.23	0.24	0.28	0.012	0.013	0.015	NA	NA	NA	NA	NA	NA	480	475	550	NA	NA	NA	<1	1	1
SR12	19/10/2019	Mid-Ebb	Fine	Moderate	15:02	15	M	7.5	3										NA	NA	NA	NA											
SR12	19/10/2019	Mid-Ebb	Fine	Moderate	15:02	15	B	14	1	5			0.26			0.014			NA	NA	NA	NA			600			NA			<1		
SR12	19/10/2019	Mid-Ebb	Fine	Moderate	15:02	15	B	14	2	5	5		0.30	0.28		0.016	0.015		NA	NA	NA	NA	NA		560	580		NA	NA		<1	1	
SR12	19/10/2019	Mid-Ebb	Fine	Moderate	15:02	15	B	14	3										NA	NA	NA	NA											
SR13	19/10/2019	Mid-Ebb	Fine	Moderate	15:22	14	S	1	1	6			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	19/10/2019	Mid-Ebb	Fine	Moderate	15:22	14	S	1	2	6	6		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	19/10/2019	Mid-Ebb	Fine	Moderate	15:22	14	S	1	3										NA	NA	NA	NA											
SR13	19/10/2019	Mid-Ebb	Fine	Moderate	15:22	14	M	7	1	7			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	19/10/2019	Mid-Ebb	Fine	Moderate	15:22	14	M	7	2	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	19/10/2019	Mid-Ebb	Fine	Moderate	15:22	14	M	7	3										NA	NA	NA	NA											
SR13	19/10/2019	Mid-Ebb	Fine	Moderate	15:22	14	B	13	1	5			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	19/10/2019	Mid-Ebb	Fine	Moderate	15:22	14	B	13	2	6	6		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	19/10/2019	Mid-Ebb	Fine	Moderate	15:22	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 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	Value	Ave.	Depth	Value	Ave.	Depth					Ave.	Depth
C1A	22/10/2019	Mid-Flood	Fine	Moderate	10:30	28	S	1	1	7.98		28.92		28.28		86.3		5.73			2.6			0.12			0.006			0.12	0.13	0.14	0.39		
C1A	22/10/2019	Mid-Flood	Fine	Moderate	10:30	28	S	1	2	7.98	7.98	28.92	28.92	28.28	28.28	86.0	86.2	5.70	5.72		2.6	2.6		0.12	0.12		0.006	0.006		0.12	0.13	0.14	0.39	0.39	
C1A	22/10/2019	Mid-Flood	Fine	Moderate	10:30	28	S	1	3																					0.12	0.13	0.14	0.39		
C1A	22/10/2019	Mid-Flood	Fine	Moderate	10:30	28	M	14	1	7.98		28.90		28.15		85.3		5.66			3.1			0.12			0.006			0.12	0.14	0.14	0.40		
C1A	22/10/2019	Mid-Flood	Fine	Moderate	10:30	28	M	14	2	7.98	7.98	28.90	28.90	28.15	28.15	85.0	85.2	5.63	5.65	5.68	3.0	3.0	3.3	0.12	0.12	0.13	0.006	0.006	0.007	0.12	0.14	0.14	0.40	0.40	0.41
C1A	22/10/2019	Mid-Flood	Fine	Moderate	10:30	28	M	14	3																					0.12	0.14	0.14	0.40		
C1A	22/10/2019	Mid-Flood	Fine	Moderate	10:30	28	B	27	1	7.98		28.99		27.89		82.7		5.51			4.1			0.15			0.008			0.15	0.15	0.15	0.45		
C1A	22/10/2019	Mid-Flood	Fine	Moderate	10:30	28	B	27	2	7.98	7.98	28.99	28.99	27.89	27.89	82.8	82.8	5.51	5.51		4.2	4.2		0.14	0.15		0.007	0.007		0.14	0.15	0.15	0.44	0.45	
C1A	22/10/2019	Mid-Flood	Fine	Moderate	10:30	28	B	27	3																					0.15	0.15	0.15	0.45		
C2A	22/10/2019	Mid-Flood	Fine	Moderate	12:30	13	S	1	1	7.92		31.72		28.27		76.2		4.90			4.1			0.24			0.011			0.24	0.07	0.07	0.38		
C2A	22/10/2019	Mid-Flood	Fine	Moderate	12:30	13	S	1	2	7.92	7.92	31.72	31.72	28.27	28.27	76.0	76.1	4.95	4.93		3.9	4.0		0.24	0.24		0.011	0.011		0.24	0.07	0.07	0.38	0.38	
C2A	22/10/2019	Mid-Flood	Fine	Moderate	12:30	13	S	1	3																					0.24	0.07	0.07	0.38		
C2A	22/10/2019	Mid-Flood	Fine	Moderate	12:30	13	M	6.5	1	7.95		31.72		28.28		75.7		4.92		4.91	4.5			0.25			0.012			0.25	0.08	0.07	0.40		
C2A	22/10/2019	Mid-Flood	Fine	Moderate	12:30	13	M	6.5	2	7.95	7.95	31.72	31.72	28.28	28.28	75.2	75.5	4.88	4.90		4.2	4.3	5.0	0.25	0.25	0.25	0.012	0.012	0.012	0.25	0.08	0.07	0.40	0.40	0.40
C2A	22/10/2019	Mid-Flood	Fine	Moderate	12:30	13	M	6.5	3																					0.25	0.08	0.07	0.40		
C2A	22/10/2019	Mid-Flood	Fine	Moderate	12:30	13	B	12	1	7.98		31.87		28.30		74.7		4.87			6.6			0.25			0.013			0.25	0.09	0.08	0.42		
C2A	22/10/2019	Mid-Flood	Fine	Moderate	12:30	13	B	12	2	7.98	7.98	31.87	31.87	28.30	28.30	74.8	74.8	4.87	4.87		6.6	6.6		0.25	0.25		0.013	0.013		0.25	0.09	0.08	0.42	0.42	
C2A	22/10/2019	Mid-Flood	Fine	Moderate	12:30	13	B	12	3																					0.25	0.09	0.08	0.42		
G2	22/10/2019	Mid-Flood	Fine	Moderate	11:08	12	S	1	1	7.97		30.20		28.12		80.9		5.34			3.5			NA			NA			0.21	0.12	0.11	0.44		
G2	22/10/2019	Mid-Flood	Fine	Moderate	11:08	12	S	1	2	7.97	7.97	30.20	30.20	28.12	28.12	81.1	81.0	5.36	5.35		3.6	3.6		NA	NA		NA	NA		0.21	0.13	0.11	0.45	0.44	
G2	22/10/2019	Mid-Flood	Fine	Moderate	11:08	12	S	1	3																					0.21	0.12	0.11	0.44		
G2	22/10/2019	Mid-Flood	Fine	Moderate	11:08	12	M	6	1	7.98		30.36		28.14		80.0		5.27		5.32	3.8			NA			NA			0.22	0.12	0.11	0.45		
G2	22/10/2019	Mid-Flood	Fine	Moderate	11:08	12	M	6	2	7.98	7.98	30.36	30.36	28.14	28.14	80.3	80.2	5.30	5.29		4.0	3.9	4.3	NA	NA	NA	NA	NA	NA	0.23	0.12	0.11	0.46	0.45	0.45
G2	22/10/2019	Mid-Flood	Fine	Moderate	11:08	12	M	6	3																					0.22	0.12	0.11	0.45		
G2	22/10/2019	Mid-Flood	Fine	Moderate	11:08	12	B	11	1	7.98		30.61		28.16		78.2		5.14			5.5			NA			NA			0.22	0.11	0.12	0.45		
G2	22/10/2019	Mid-Flood	Fine	Moderate	11:08	12	B	11	2	7.98	7.98	30.61	30.61	28.16	28.16	78.5	78.4	5.16	5.15		5.5	5.5		NA	NA		NA	NA		0.23	0.11	0.12	0.46	0.45	
G2	22/10/2019	Mid-Flood	Fine	Moderate	11:08	12	B	11	3																					0.22	0.11	0.12	0.45		
SR4	22/10/2019	Mid-Flood	Fine	Moderate	11:29	4	S	1	1	7.98		30.46		28.18		80.6		5.31			3.4			0.22			0.011			NA	NA	NA	NA		
SR4	22/10/2019	Mid-Flood	Fine	Moderate	11:29	4	S	1	2	7.98	7.98	30.46	30.46	28.18	28.18	81.0	80.8	5.35	5.33		3.4	3.4		0.22	0.22		0.011	0.011		NA	NA	NA	NA	NA	
SR4	22/10/2019	Mid-Flood	Fine	Moderate	11:29	4	S	1	3																					NA	NA	NA	NA		
SR4	22/10/2019	Mid-Flood	Fine	Moderate	11:29	4	M		1																					NA	NA	NA	NA		
SR4	22/10/2019	Mid-Flood	Fine	Moderate	11:29	4	M		2		NA		NA		NA		NA		NA	5.33		NA	3.7		NA	0.19		NA	0.010	NA	NA	NA	NA	NA	NA
SR4	22/10/2019	Mid-Flood	Fine	Moderate	11:29	4	M		3																					NA	NA	NA	NA		
SR4	22/10/2019	Mid-Flood	Fine	Moderate	11:29	4	B	3	1	7.98		30.52		28.17		79.9		5.27			4.0			0.15			0.008			NA	NA	NA	NA		
SR4	22/10/2019	Mid-Flood	Fine	Moderate	11:29	4	B	3	2	7.98	7.98	30.52	30.52	28.17	28.17	80.0	80.0	5.30	5.29		4.1	4.1		0.15	0.15		0.008	0.008		NA	NA	NA	NA	NA	
SR4	22/10/2019	Mid-Flood	Fine	Moderate	11:29	4	B	3	3																					NA	NA	NA	NA		
SR5	22/10/2019	Mid-Flood	Fine	Moderate	10:52	11	S	1	1	7.98		28.89		27.91		86.4		5.76			2.6			NA			NA			0.16	0.14	0.14	0.44		
SR5	22/10/2019	Mid-Flood	Fine	Moderate	10:52	11	S	1	2	7.98	7.98	28.89	28.89	27.90	27.91	86.8	86.6	5.80	5.78		2.6	2.6		NA	NA		NA	NA		0.16	0.14	0.14	0.44	0.44	
SR5	22/10/2019	Mid-Flood	Fine	Moderate	10:52	11	S	1	3																					0.16	0.14	0.14	0.44		
SR5	22/10/2019	Mid-Flood	Fine	Moderate	10:52	11	M	5.5	1	7.99		28.85		27.93		86.1		5.74		5.77	2.5			NA			NA			0.15	0.14	0.14	0.43		
SR5	22/10/2019	Mid-Flood	Fine	Moderate	10:52	11	M	5.5	2	7.99	7.99	28.85	28.85	27.93	27.93	86.4	86.3	5.78	5.76		2.5	2.5	2.7	NA	NA	NA	NA	NA	NA	0.15	0.14	0.14	0.43	0.43	0.44
SR5	22/10/2019	Mid-Flood	Fine	Moderate	10:52	11	M	5.5	3																					0.15	0.14	0.14	0.43		
SR5	22/10/2019	Mid-Flood	Fine	Moderate	10:52	11	B	10	1	7.98		29.01		27.92		84.1		5.60			3.0			NA			NA			0.14	0.15	0.15	0.44		
SR5	22/10/2019	Mid-Flood	Fine	Moderate	10:52	11	B	10	2	7.98	7.98	29.01	29.01	27.92	27.92	84.5	84.3	5.64	5.62		3.0	3.0		NA	NA		NA	NA		0.14	0.15	0.15	0.44	0.44	
SR5	22/10/2019	Mid-Flood	Fine	Moderate	10:52	11	B	10	3																					0.14	0.15	0.15	0.44		
SR12	22/10/2019	Mid-Flood	Fine	Moderate	11:50	15	S	1	1	7.98		31.04		28.20		77.1		5.06			4.9			0.23			0.012			NA	NA	NA	NA		
SR12	22/10/2019	Mid-Flood	Fine	Moderate	11:50	15	S	1	2	7.98	7.98	31.04	31.04	28.20	28.20	77.2	77.2	5.09	5.08		5.0	5.0		0.23	0.23		0.012	0.012		NA	NA	NA	NA	NA	
SR12	22/10/2019	Mid-Flood	Fine	Moderate	11:50	15	S	1	3																					NA	NA	NA	NA		
SR12	22/10/2019	Mid-Flood	Fine	Moderate	11:50	15	M	7.5	1	7.98		31.05		28.21		76.6		5.02		5.04	5.3			0.26			0.013			NA	NA	NA	NA		
SR12	22/10/2019	Mid-Flood	Fine	Moderate	11:50	15	M	7.5	2	7.98	7.98	31.05	31.05	28.21	28.21	76.1	76.4	4.97	5.00		5.2	5.3	5.1	0.26	0.26	0.25	0.013	0.013	0.013	NA	NA	NA	NA	NA	NA
SR12	22/10/2019	Mid-Flood	Fine	Moderate	11:50	15	M	7.5	3																					NA	NA	NA	NA		
SR12	22/10/2019	Mid-Flood	Fine	Moderate	11:50	15	B	14	1	7.98		31.06		28.21		76.3		5.00			5.1			0.27			0.014			NA	NA	NA	NA		
SR12	22/10/2019	Mid-Flood	Fine	Moderate	11:50	15	B	14	2	7.98	7.98	31.06	31.06	28.21	28.21	76.5	76.4	5.02	5.01		5.1	5.1		0.26	0.27		0.013	0.014		NA	NA	NA	NA	NA	
SR12	22/10/2019	Mid-Flood	Fine	Moderate	11:50	15	B	14	3																					NA	NA	NA	NA		
SR13	22/10/2019	Mid-Flood	Fine	Moderate	12:12	14	S	1	1	7.96		31.08		28.22		74.4		4.88			5.7			NA			NA			NA	NA	NA	NA		
SR13	22/10/2019	Mid-Flood	Fine	Moderate	12:12	14	S	1	2	7.96	7.96	31.08	31.08	28.22	28.22	74.8	74.6	4.90	4.89		5.8	5.7		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	22/10/2019	Mid-Flood	Fine	Moderate	12:12	14	S	1	3																					NA	NA	NA	NA		
SR13	22/10/2019	Mid-Flood	Fine	Moderate	12:12	14	M	7	1	7.96		31.09		28.24		73.3		4.80		4.86	5.5			NA			NA			NA	NA	NA	NA		
SR13	22/10/2019	Mid-Flood	Fine	Moderate	12:12	14	M	7	2	7.96	7.96	31.09	31.09	28.24	28.24	73.5	73.4	4.84	4.82		5.5	5.5	5.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	22/10/2019	Mid-Flood	Fine	Moderate	12:12	14	M	7	3																					NA	NA	NA	NA		
SR13	22/10/2019	Mid-Flood	Fine	Moderate	12:12	14	B	13	1	7.96		31.26		28.27		71.1		4.65			6.3			NA			NA			NA	NA	NA	NA		
SR13	22/10/2019	Mid-Flood	Fine	Moderate	12:12	14	B	13	2	7.96	7.96	31.26	31.26	28.27	28.27	71.4	71.3	4.69	4.67		6.4	6.4		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	22/10/2019	Mid-Flood	Fine	Moderate	12:12	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 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	22/10/2019	Mid-Flood	Fine	Moderate	10:30	28	S	1	1	3			0.12			0.006			0.12	0.13	0.14	0.39			2			NA			<1		
C1A	22/10/2019	Mid-Flood	Fine	Moderate	10:30	28	S	1	2	3	3		0.12	0.12		0.006	0.006		0.12	0.14	0.14	0.40	0.40		ND	1		NA	NA		<1	1	
C1A	22/10/2019	Mid-Flood	Fine	Moderate	10:30	28	S	1	3										0.12	0.13	0.15	0.40											
C1A	22/10/2019	Mid-Flood	Fine	Moderate	10:30	28	M	14	1	4			0.12			0.006			0.12	0.15	0.14	0.41			ND			NA			<1		
C1A	22/10/2019	Mid-Flood	Fine	Moderate	10:30	28	M	14	2	3	4	4	0.11	0.12	0.12	0.006	0.006	0.006	0.11	0.14	0.14	0.39	0.40	0.40	1	1	1	NA	NA	NA	<1	1	1
C1A	22/10/2019	Mid-Flood	Fine	Moderate	10:30	28	M	14	3										0.13	0.14	0.14	0.41											
C1A	22/10/2019	Mid-Flood	Fine	Moderate	10:30	28	B	27	1	7			0.15			0.008			0.15	0.14	0.14	0.43			2			NA			<1		
C1A	22/10/2019	Mid-Flood	Fine	Moderate	10:30	28	B	27	2	6	7		0.12	0.14		0.006	0.007		0.12	0.14	0.14	0.40	0.41		1	1		NA	NA		1	1	
C1A	22/10/2019	Mid-Flood	Fine	Moderate	10:30	28	B	27	3										0.13	0.15	0.13	0.41											
C2A	22/10/2019	Mid-Flood	Fine	Moderate	12:30	13	S	1	1	8			0.24			0.011			0.24	0.07	0.07	0.38			140			NA			<1		
C2A	22/10/2019	Mid-Flood	Fine	Moderate	12:30	13	S	1	2	8	8		0.25	0.25		0.011	0.011		0.25	0.07	0.07	0.39	0.38		120	130		NA	NA		<1	1	
C2A	22/10/2019	Mid-Flood	Fine	Moderate	12:30	13	S	1	3										0.24	0.07	0.07	0.38											
C2A	22/10/2019	Mid-Flood	Fine	Moderate	12:30	13	M	6.5	1	9			0.25			0.012			0.25	0.08	0.07	0.40			110			NA			<1		
C2A	22/10/2019	Mid-Flood	Fine	Moderate	12:30	13	M	6.5	2	9	9	8	0.24	0.25	0.25	0.012	0.012	0.012	0.24	0.06	0.07	0.37	0.38	0.39	130	120	126	NA	NA	NA	<1	1	1
C2A	22/10/2019	Mid-Flood	Fine	Moderate	12:30	13	M	6.5	3										0.24	0.07	0.07	0.38											
C2A	22/10/2019	Mid-Flood	Fine	Moderate	12:30	13	B	12	1	6			0.25			0.013			0.25	0.08	0.07	0.40			120			NA			<1		
C2A	22/10/2019	Mid-Flood	Fine	Moderate	12:30	13	B	12	2	6	6		0.25	0.25		0.013	0.013		0.25	0.08	0.07	0.40	0.40		140	130		NA	NA		<1	1	
C2A	22/10/2019	Mid-Flood	Fine	Moderate	12:30	13	B	12	3										0.25	0.08	0.07	0.40											
G2	22/10/2019	Mid-Flood	Fine	Moderate	11:08	12	S	1	1	10			NA			NA			0.19	0.12	0.11	0.42			NA			NA			NA		
G2	22/10/2019	Mid-Flood	Fine	Moderate	11:08	12	S	1	2	10	10		NA	NA		NA	NA		0.21	0.13	0.11	0.45	0.43		NA	NA		NA	NA		NA	NA	
G2	22/10/2019	Mid-Flood	Fine	Moderate	11:08	12	S	1	3										0.19	0.11	0.11	0.41											
G2	22/10/2019	Mid-Flood	Fine	Moderate	11:08	12	M	6	1	7			NA			NA			0.19	0.11	0.11	0.41			NA			NA			NA		
G2	22/10/2019	Mid-Flood	Fine	Moderate	11:08	12	M	6	2	6	7	8	NA	NA	NA	NA	NA	NA	0.18	0.11	0.11	0.40	0.43	0.43	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	22/10/2019	Mid-Flood	Fine	Moderate	11:08	12	M	6	3										0.25	0.11	0.11	0.47											
G2	22/10/2019	Mid-Flood	Fine	Moderate	11:08	12	B	11	1	6			NA			NA			0.20	0.11	0.11	0.42			NA			NA			NA		
G2	22/10/2019	Mid-Flood	Fine	Moderate	11:08	12	B	11	2	6	6		NA	NA		NA	NA		0.23	0.11	0.11	0.45	0.43		NA	NA		NA	NA		NA	NA	
G2	22/10/2019	Mid-Flood	Fine	Moderate	11:08	12	B	11	3										0.20	0.10	0.11	0.41											
SR4	22/10/2019	Mid-Flood	Fine	Moderate	11:29	4	S	1	1	5			0.17			0.009			NA	NA	NA	NA			11			NA			<1		
SR4	22/10/2019	Mid-Flood	Fine	Moderate	11:29	4	S	1	2	5	5		0.22	0.20		0.011	0.010		NA	NA	NA	NA	NA		12	11		NA	NA		<1	1	
SR4	22/10/2019	Mid-Flood	Fine	Moderate	11:29	4	S	1	3										NA	NA	NA	NA											
SR4	22/10/2019	Mid-Flood	Fine	Moderate	11:29	4	M	1											NA	NA	NA	NA						NA					
SR4	22/10/2019	Mid-Flood	Fine	Moderate	11:29	4	M		2		NA	5		NA	0.17		NA	0.009	NA	NA	NA	NA	NA	NA		NA	9	NA	NA	NA		NA	1
SR4	22/10/2019	Mid-Flood	Fine	Moderate	11:29	4	M		3										NA	NA	NA	NA											
SR4	22/10/2019	Mid-Flood	Fine	Moderate	11:29	4	B	3	1	5			0.14			0.007			NA	NA	NA	NA			6			NA			<1		
SR4	22/10/2019	Mid-Flood	Fine	Moderate	11:29	4	B	3	2	6	6		0.14	0.14		0.007	0.007		NA	NA	NA	NA	NA		7	6		NA	NA		<1	1	
SR4	22/10/2019	Mid-Flood	Fine	Moderate	11:29	4	B	3	3										NA	NA	NA	NA											
SR5	22/10/2019	Mid-Flood	Fine	Moderate	10:52	11	S	1	1	4			NA			NA			0.15	0.14	0.13	0.42			NA			NA			NA		
SR5	22/10/2019	Mid-Flood	Fine	Moderate	10:52	11	S	1	2	4	4		NA	NA		NA	NA		0.16	0.13	0.14	0.43	0.43		NA	NA		NA	NA		NA	NA	
SR5	22/10/2019	Mid-Flood	Fine	Moderate	10:52	11	S	1	3										0.16	0.14	0.14	0.44											
SR5	22/10/2019	Mid-Flood	Fine	Moderate	10:52	11	M	5.5	1	3			NA			NA			0.15	0.14	0.14	0.43			NA			NA			NA		
SR5	22/10/2019	Mid-Flood	Fine	Moderate	10:52	11	M	5.5	2	4	4	5	NA	NA	NA	NA	NA	NA	0.14	0.14	0.14	0.42	0.43	0.42	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	22/10/2019	Mid-Flood	Fine	Moderate	10:52	11	M	5.5	3										0.16	0.14	0.13	0.43											
SR5	22/10/2019	Mid-Flood	Fine	Moderate	10:52	11	B	10	1	6			NA			NA			0.14	0.13	0.15	0.42			NA			NA			NA		
SR5	22/10/2019	Mid-Flood	Fine	Moderate	10:52	11	B	10	2	6	6		NA	NA		NA	NA		0.14	0.14	0.14	0.42	0.41		NA	NA		NA	NA		NA	NA	
SR5	22/10/2019	Mid-Flood	Fine	Moderate	10:52	11	B	10	3										0.13	0.14	0.13	0.40											
SR12	22/10/2019	Mid-Flood	Fine	Moderate	11:50	15	S	1	1	8			0.24			0.012			NA	NA	NA	NA			110			NA			<1		
SR12	22/10/2019	Mid-Flood	Fine	Moderate	11:50	15	S	1	2	8	8		0.19	0.22		0.010	0.011		NA	NA	NA	NA	NA		130	120		NA	NA		<1	1	
SR12	22/10/2019	Mid-Flood	Fine	Moderate	11:50	15	S	1	3										NA	NA	NA	NA											
SR12	22/10/2019	Mid-Flood	Fine	Moderate	11:50	15	M	7.5	1	8			0.24			0.012			NA	NA	NA	NA			140			NA			<1		
SR12	22/10/2019	Mid-Flood	Fine	Moderate	11:50	15	M	7.5	2	8	8	8	0.26	0.25	0.24	0.013	0.013	0.012	NA	NA	NA	NA	NA	NA	120	130	131	NA	NA	NA	<1	1	1
SR12	22/10/2019	Mid-Flood	Fine	Moderate	11:50	15	M	7.5	3										NA	NA	NA	NA											
SR12	22/10/2019	Mid-Flood	Fine	Moderate	11:50	15	B	14	1	9			0.24			0.012			NA	NA	NA	NA			160			NA			<1		
SR12	22/10/2019	Mid-Flood	Fine	Moderate	11:50	15	B	14	2	9	9		0.24	0.24		0.012	0.012		NA	NA	NA	NA	NA		130	144		NA	NA		<1	1	
SR12	22/10/2019	Mid-Flood	Fine	Moderate	11:50	15	B	14	3										NA	NA	NA	NA											
SR13	22/10/2019	Mid-Flood	Fine	Moderate	12:12	14	S	1	1	9			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	22/10/2019	Mid-Flood	Fine	Moderate	12:12	14	S	1	2	9	9		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	22/10/2019	Mid-Flood	Fine	Moderate	12:12	14	S	1	3										NA	NA	NA	NA											
SR13	22/10/2019	Mid-Flood	Fine	Moderate	12:12	14	M	7	1	10			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	22/10/2019	Mid-Flood	Fine	Moderate	12:12	14	M	7	2	11	11	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	22/10/2019	Mid-Flood	Fine	Moderate	12:12	14	M	7	3										NA	NA	NA	NA											
SR13	22/10/2019	Mid-Flood	Fine	Moderate	12:12	14	B	13	1	9			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	22/10/2019	Mid-Flood	Fine	Moderate	12:12	14	B	13	2	9	9		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	22/10/2019	Mid-Flood	Fine	Moderate	12:12	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 in calculating the geometric mean.

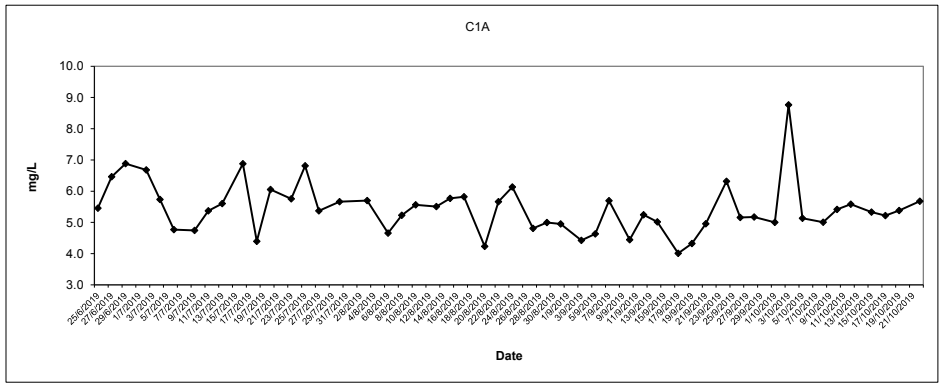
Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																											
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth	Value	Ave.	Depth	Value	Ave.	Depth	Value	Value	Value	Value	Ave.	Depth
C1A	22/10/2019	Mid-Ebb	Fine	Moderate	10:04	28	S	1	1	7.99		28.89		28.22		88.5		5.89			2.3			0.11			0.005			0.11	0.15	0.14	0.40		
C1A	22/10/2019	Mid-Ebb	Fine	Moderate	10:04	28	S	1	2	7.90	7.95	28.89	28.89	28.22	28.22	88.8	88.7	5.92	5.91		2.4	2.4		0.11	0.11		0.005	0.005		0.11	0.15	0.14	0.40	0.40	
C1A	22/10/2019	Mid-Ebb	Fine	Moderate	10:04	28	S	1	3											5.84										0.12	0.15	0.14	0.41		
C1A	22/10/2019	Mid-Ebb	Fine	Moderate	10:04	28	M	14	1	7.98		28.83		28.33		87.2		5.77			2.7			0.12			0.006			0.12	0.15	0.14	0.41		
C1A	22/10/2019	Mid-Ebb	Fine	Moderate	10:04	28	M	14	2	7.98	7.98	28.83	28.83	28.33	28.33	87.4	87.3	5.79	5.78		2.8	2.7	2.8	0.12	0.12	0.12	0.006	0.006	0.006	0.12	0.15	0.14	0.41	0.41	0.41
C1A	22/10/2019	Mid-Ebb	Fine	Moderate	10:04	28	M	14	3																					0.12	0.15	0.14	0.41		
C1A	22/10/2019	Mid-Ebb	Fine	Moderate	10:04	28	B	27	1	7.98		28.87		27.91		84.0		5.61			3.4			0.13			0.007			0.13	0.15	0.14	0.42		
C1A	22/10/2019	Mid-Ebb	Fine	Moderate	10:04	28	B	27	2	7.98	7.98	28.87	28.87	27.91	27.91	84.3	84.2	5.64	5.63		3.5	3.5		0.13	0.13		0.007	0.007		0.13	0.15	0.14	0.42	0.42	
C1A	22/10/2019	Mid-Ebb	Fine	Moderate	10:04	28	B	27	3																					0.13	0.15	0.14	0.42		
C2A	22/10/2019	Mid-Ebb	Fine	Moderate	8:00	13	S	1	1	7.87		31.74		28.46		76.9		5.02			3.8			0.25			0.010			0.25	0.07	0.07	0.39		
C2A	22/10/2019	Mid-Ebb	Fine	Moderate	8:00	13	S	1	2	7.87	7.87	31.74	31.74	28.46	28.46	77.0	77.0	5.03	5.03		3.8	3.8		0.25	0.25		0.010	0.010		0.25	0.07	0.07	0.39	0.39	
C2A	22/10/2019	Mid-Ebb	Fine	Moderate	8:00	13	S	1	3											4.99										0.25	0.07	0.07	0.39		
C2A	22/10/2019	Mid-Ebb	Fine	Moderate	8:00	13	M	6.5	1	7.95		31.73		28.28		75.8		4.96			4.0			0.25			0.012			0.25	0.07	0.07	0.39		
C2A	22/10/2019	Mid-Ebb	Fine	Moderate	8:00	13	M	6.5	2	7.95	7.95	31.73	31.73	28.28	28.28	75.0	75.4	4.95	4.96		4.0	4.0	4.4	0.25	0.25	0.25	0.012	0.012	0.012	0.25	0.07	0.07	0.39	0.39	0.40
C2A	22/10/2019	Mid-Ebb	Fine	Moderate	8:00	13	M	6.5	3																					0.25	0.07	0.07	0.39		
C2A	22/10/2019	Mid-Ebb	Fine	Moderate	8:00	13	B	12	1	7.97		31.83		28.30		74.8		4.88			5.5			0.26			0.013			0.26	0.08	0.07	0.41		
C2A	22/10/2019	Mid-Ebb	Fine	Moderate	8:00	13	B	12	2	7.97	7.97	31.83	31.83	28.30	28.30	75.1	75.0	4.90	4.89		5.5	5.5		0.26	0.26		0.013	0.013		0.26	0.08	0.07	0.41	0.41	
C2A	22/10/2019	Mid-Ebb	Fine	Moderate	8:00	13	B	12	3																					0.26	0.08	0.07	0.41		
G2	22/10/2019	Mid-Ebb	Fine	Moderate	9:24	12	S	1	1	7.98		30.04		28.09		81.9		5.41			4.2			NA			NA			0.19	0.12	0.11	0.42		
G2	22/10/2019	Mid-Ebb	Fine	Moderate	9:24	12	S	1	2	7.98	7.98	30.04	30.04	28.09	28.09	82.1	82.0	5.43	5.42		4.2	4.2		NA	NA		NA	NA		0.19	0.12	0.11	0.42	0.42	
G2	22/10/2019	Mid-Ebb	Fine	Moderate	9:24	12	S	1	3											5.36										0.19	0.12	0.11	0.42		
G2	22/10/2019	Mid-Ebb	Fine	Moderate	9:24	12	M	6	1	7.98		30.51		28.15		79.9		5.28			4.2			NA			NA			0.21	0.12	0.11	0.44		
G2	22/10/2019	Mid-Ebb	Fine	Moderate	9:24	12	M	6	2	7.98	7.98	30.51	30.51	28.15	28.15	80.1	80.0	5.30	5.29		4.2	4.2	4.4	NA	NA	NA	NA	NA	NA	0.21	0.12	0.11	0.44	0.44	0.44
G2	22/10/2019	Mid-Ebb	Fine	Moderate	9:24	12	M	6	3																					0.21	0.12	0.11	0.44		
G2	22/10/2019	Mid-Ebb	Fine	Moderate	9:24	12	B	11	1	7.98		30.63		28.16		78.5		5.17			4.7			NA			NA			0.20	0.13	0.12	0.45		
G2	22/10/2019	Mid-Ebb	Fine	Moderate	9:24	12	B	11	2	7.98	7.98	30.63	30.63	28.16	28.16	78.8	78.7	5.19	5.18		4.8	4.8		NA	NA		NA	NA		0.20	0.13	0.12	0.45	0.45	
G2	22/10/2019	Mid-Ebb	Fine	Moderate	9:24	12	B	11	3																					0.20	0.13	0.12	0.45		
SR4	22/10/2019	Mid-Ebb	Fine	Moderate	9:06	4	S	1	1	7.98		30.47		28.10		81.1		5.34			2.9			0.15			0.008			NA	NA	NA	NA		
SR4	22/10/2019	Mid-Ebb	Fine	Moderate	9:06	4	S	1	2	7.98	7.98	30.47	30.47	28.10	28.10	81.3	81.2	5.35	5.35		3.0	2.9		0.15	0.15		0.008	0.008		NA	NA	NA	NA	NA	
SR4	22/10/2019	Mid-Ebb	Fine	Moderate	9:06	4	S	1	3																					NA	NA	NA	NA		
SR4	22/10/2019	Mid-Ebb	Fine	Moderate	9:06	4	M		1											5.35										NA	NA	NA	NA		
SR4	22/10/2019	Mid-Ebb	Fine	Moderate	9:06	4	M		2		NA		NA		NA		NA		NA			NA	3.7		NA	0.16		NA	0.008	NA	NA	NA	NA	NA	NA
SR4	22/10/2019	Mid-Ebb	Fine	Moderate	9:06	4	M		3																					NA	NA	NA	NA		
SR4	22/10/2019	Mid-Ebb	Fine	Moderate	9:06	4	B	3	1	7.98		30.65		28.15		78.8		5.17			4.5			0.16			0.008			NA	NA	NA	NA		
SR4	22/10/2019	Mid-Ebb	Fine	Moderate	9:06	4	B	3	2	7.98	7.98	30.65	30.65	28.15	28.15	79.0	78.9	5.20	5.19		4.5	4.5		0.16	0.16		0.008	0.008		NA	NA	NA	NA	NA	
SR4	22/10/2019	Mid-Ebb	Fine	Moderate	9:06	4	B	3	3																					NA	NA	NA	NA		
SR5	22/10/2019	Mid-Ebb	Fine	Moderate	9:51	11	S	1	1	7.99		28.91		27.90		86.5		5.77			2.7			NA			NA			0.15	0.14	0.14	0.43		
SR5	22/10/2019	Mid-Ebb	Fine	Moderate	9:51	11	S	1	2	7.99	7.99	28.91	28.91	27.90	27.90	86.3	86.4	5.74	5.76		2.7	2.7		NA	NA		NA	NA		0.14	0.14	0.14	0.42	0.43	
SR5	22/10/2019	Mid-Ebb	Fine	Moderate	9:51	11	S	1	3											5.77										0.15	0.14	0.14	0.43		
SR5	22/10/2019	Mid-Ebb	Fine	Moderate	9:51	11	M	5.5	1	7.98		28.99		27.92		85.9		5.76			2.6			NA			NA			0.15	0.14	0.14	0.43		
SR5	22/10/2019	Mid-Ebb	Fine	Moderate	9:51	11	M	5.5	2	7.98	7.98	28.99	28.99	27.92	27.92	86.4	86.2	5.82	5.79		2.6	2.6	2.7	NA	NA	NA	NA	NA	NA	0.15	0.14	0.14	0.43	0.43	0.44
SR5	22/10/2019	Mid-Ebb	Fine	Moderate	9:51	11	M	5.5	3																					0.15	0.14	0.14	0.43		
SR5	22/10/2019	Mid-Ebb	Fine	Moderate	9:51	11	B	10	1	7.98		28.97		27.90		84.7		5.66			2.9			NA			NA			0.16	0.15	0.15	0.46		
SR5	22/10/2019	Mid-Ebb	Fine	Moderate	9:51	11	B	10	2	7.98	7.98	28.97	28.97	27.90	27.90	84.9	84.8	5.69	5.68		3.0	3.0		NA	NA		NA	NA		0.15	0.15	0.15	0.45	0.45	
SR5	22/10/2019	Mid-Ebb	Fine	Moderate	9:51	11	B	10	3																					0.15	0.15	0.15	0.45		
SR12	22/10/2019	Mid-Ebb	Fine	Moderate	8:44	15	S	1	1	7.99		31.02		28.21		77.8		5.11			4.4			0.23			0.012			NA	NA	NA	NA		
SR12	22/10/2019	Mid-Ebb	Fine	Moderate	8:44	15	S	1	2	7.99	7.99	31.02	31.02	28.21	28.21	77.4	77.6	5.04	5.08		4.5	4.5		0.23	0.23		0.012	0.012		NA	NA	NA	NA	NA	
SR12	22/10/2019	Mid-Ebb	Fine	Moderate	8:44	15	S	1	3											5.04										NA	NA	NA	NA		
SR12	22/10/2019	Mid-Ebb	Fine	Moderate	8:44	15	M	7.5	1	7.98		31.04		28.21		77.0		5.05			4.5			0.25			0.013			NA	NA	NA	NA		
SR12	22/10/2019	Mid-Ebb	Fine	Moderate	8:44	15	M	7.5	2	7.98	7.98	31.04	31.04	28.21	28.21	76.5	76.8	4.97	5.01		4.4	4.4	4.7	0.25	0.25	0.26	0.013	0.013	0.013	NA	NA	NA	NA	NA	NA
SR12	22/10/2019	Mid-Ebb	Fine	Moderate	8:44	15	M	7.5	3																					NA	NA	NA	NA		
SR12	22/10/2019	Mid-Ebb	Fine	Moderate	8:44	15	B	14	1	7.98		31.07		28.21		76.2		5.00			5.1			0.28			0.015			NA	NA	NA	NA		
SR12	22/10/2019	Mid-Ebb	Fine	Moderate	8:44	15	B	14	2	7.98	7.98	31.07	31.07	28.21	28.21	76.7	76.5	5.06	5.03		5.2	5.2		0.29	0.29		0.015	0.015		NA	NA	NA	NA	NA	
SR12	22/10/2019	Mid-Ebb	Fine	Moderate	8:44	15	B	14	3																					NA	NA	NA	NA		
SR13	22/10/2019	Mid-Ebb	Fine	Moderate	8:23	14	S	1	1	7.96		31.11		28.18		75.0		4.92			5.7			NA			NA			NA	NA	NA	NA		
SR13	22/10/2019	Mid-Ebb	Fine	Moderate	8:23	14	S	1	2	7.96	7.96	31.11	31.11	28.18	28.18	75.3	75.2	4.95	4.94		5.7	5.7		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	22/10/2019	Mid-Ebb	Fine	Moderate	8:23	14	S	1	3											4.89										NA	NA	NA	NA		
SR13	22/10/2019	Mid-Ebb	Fine	Moderate	8:23	14	M	7	1	7.96		31.09		28.24		73.6		4.83			5.6			NA			NA			NA	NA	NA	NA		
SR13	22/10/2019	Mid-Ebb	Fine	Moderate	8:23	14	M	7	2	7.96	7.96	31.09	31.09	28.24	28.24	73.4	73.5	4.86	4.84		5.7	5.6	5.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	22/10/2019	Mid-Ebb	Fine	Moderate	8:23	14	M	7	3																					NA	NA	NA	NA		
SR13	22/10/2019	Mid-Ebb	Fine	Moderate	8:23	14	B	13	1	7.96		31.11		28.25		72.7		4.75			6.2			NA			NA			NA	NA	NA	NA		
SR13	22/10/2019	Mid-Ebb	Fine	Moderate	8:23	14	B	13	2	7.97	7.97	31.11	31.11	28.25	28.25	73.0	72.9	4.78	4.77		6.2	6.2		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	22/10/2019	Mid-Ebb	Fine	Moderate	8:23	14	B	13	3																					NA	NA	NA	NA		

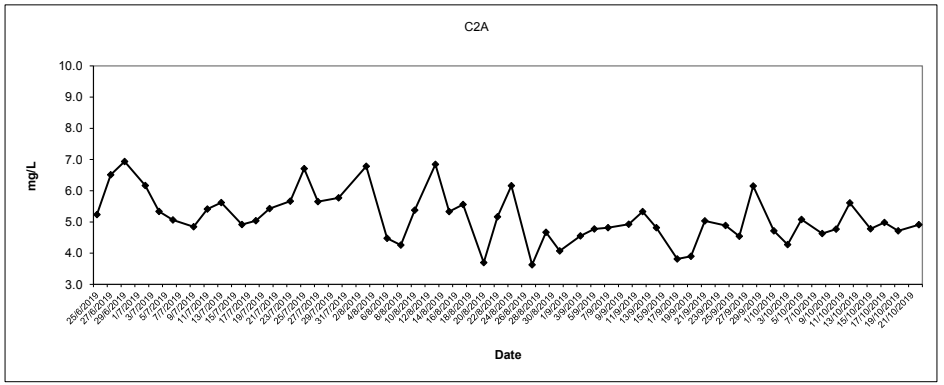
Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND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

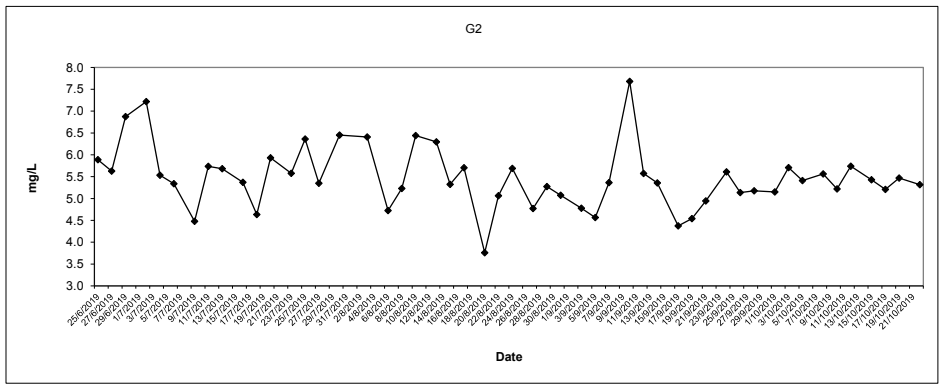
Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																				
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (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	22/10/2019	Mid-Ebb	Fine	Moderate	10:04	28	S	1	1	4			0.09			0.004			0.09	0.14	0.14	0.37			3			NA			<1		
C1A	22/10/2019	Mid-Ebb	Fine	Moderate	10:04	28	S	1	2	4	4		0.11	0.10		0.005	0.005		0.11	0.15	0.14	0.40	0.40		ND	2		NA	NA		<1	1	
C1A	22/10/2019	Mid-Ebb	Fine	Moderate	10:04	28	S	1	3										0.14	0.14	0.14	0.42											
C1A	22/10/2019	Mid-Ebb	Fine	Moderate	10:04	28	M	14	1	4			0.11			0.006			0.11	0.14	0.15	0.40			ND			NA			<1		
C1A	22/10/2019	Mid-Ebb	Fine	Moderate	10:04	28	M	14	2	4	4	4	0.11	0.11	0.11	0.006	0.006	0.006	0.11	0.15	0.14	0.40	0.40	0.40	ND	1	1	NA	NA	NA	<1	1	1
C1A	22/10/2019	Mid-Ebb	Fine	Moderate	10:04	28	M	14	3										0.12	0.15	0.14	0.41											
C1A	22/10/2019	Mid-Ebb	Fine	Moderate	10:04	28	B	27	1	3			0.12			0.006			0.12	0.15	0.14	0.41			ND			NA			<1		
C1A	22/10/2019	Mid-Ebb	Fine	Moderate	10:04	28	B	27	2	3	3		0.13	0.13		0.007	0.006		0.13	0.14	0.13	0.40	0.40		2	1		NA	NA		<1	1	
C1A	22/10/2019	Mid-Ebb	Fine	Moderate	10:04	28	B	27	3										0.12	0.14	0.14	0.40											
C2A	22/10/2019	Mid-Ebb	Fine	Moderate	8:00	13	S	1	1	9			0.25			0.010			0.25	0.07	0.07	0.39			130			NA			<1		
C2A	22/10/2019	Mid-Ebb	Fine	Moderate	8:00	13	S	1	2	9	9		0.25	0.25		0.010	0.010		0.25	0.07	0.07	0.39	0.39		160	144		NA	NA		<1	1	
C2A	22/10/2019	Mid-Ebb	Fine	Moderate	8:00	13	S	1	3										0.24	0.07	0.07	0.38											
C2A	22/10/2019	Mid-Ebb	Fine	Moderate	8:00	13	M	6.5	1	9			0.25			0.012			0.25	0.07	0.07	0.39			140			NA			<1		
C2A	22/10/2019	Mid-Ebb	Fine	Moderate	8:00	13	M	6.5	2	10	10	10	0.25	0.25	0.25	0.012	0.012	0.012	0.25	0.07	0.07	0.39	0.38	0.39	110	124	134	NA	NA	NA	<1	1	1
C2A	22/10/2019	Mid-Ebb	Fine	Moderate	8:00	13	M	6.5	3										0.24	0.07	0.06	0.37											
C2A	22/10/2019	Mid-Ebb	Fine	Moderate	8:00	13	B	12	1	11			0.25			0.013			0.25	0.07	0.07	0.39			130			NA			<1		
C2A	22/10/2019	Mid-Ebb	Fine	Moderate	8:00	13	B	12	2	11	11		0.25	0.25		0.013	0.013		0.25	0.07	0.07	0.39	0.39		140	135		NA	NA		<1	1	
C2A	22/10/2019	Mid-Ebb	Fine	Moderate	8:00	13	B	12	3										0.24	0.08	0.07	0.39											
G2	22/10/2019	Mid-Ebb	Fine	Moderate	9:24	12	S	1	1	5			NA			NA			0.23	0.12	0.11	0.46			NA			NA			NA		
G2	22/10/2019	Mid-Ebb	Fine	Moderate	9:24	12	S	1	2	5	5		NA	NA		NA	NA		0.19	0.12	0.11	0.42	0.42		NA	NA		NA	NA		NA	NA	
G2	22/10/2019	Mid-Ebb	Fine	Moderate	9:24	12	S	1	3										0.17	0.11	0.11	0.39											
G2	22/10/2019	Mid-Ebb	Fine	Moderate	9:24	12	M	6	1	5			NA			NA			0.22	0.11	0.11	0.44			NA			NA			NA		
G2	22/10/2019	Mid-Ebb	Fine	Moderate	9:24	12	M	6	2	4	5	5	NA	NA	NA	NA	NA	NA	0.21	0.11	0.11	0.43	0.43	0.42	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	22/10/2019	Mid-Ebb	Fine	Moderate	9:24	12	M	6	3										0.20	0.11	0.11	0.42											
G2	22/10/2019	Mid-Ebb	Fine	Moderate	9:24	12	B	11	1	5			NA			NA			0.19	0.12	0.11	0.42			NA			NA			NA		
G2	22/10/2019	Mid-Ebb	Fine	Moderate	9:24	12	B	11	2	6	6		NA	NA		NA	NA		0.20	0.11	0.11	0.42	0.42		NA	NA		NA	NA		NA	NA	
G2	22/10/2019	Mid-Ebb	Fine	Moderate	9:24	12	B	11	3										0.19	0.11	0.11	0.41											
SR4	22/10/2019	Mid-Ebb	Fine	Moderate	9:06	4	S	1	1	6			0.14			0.007			NA	NA	NA	NA			12			NA			<1		
SR4	22/10/2019	Mid-Ebb	Fine	Moderate	9:06	4	S	1	2	7	7		0.15	0.15		0.008	0.007		NA	NA	NA	NA	NA		13	12		NA	NA		<1	1	
SR4	22/10/2019	Mid-Ebb	Fine	Moderate	9:06	4	S	1	3										NA	NA	NA	NA											
SR4	22/10/2019	Mid-Ebb	Fine	Moderate	9:06	4	M		1										NA	NA	NA	NA						NA					
SR4	22/10/2019	Mid-Ebb	Fine	Moderate	9:06	4	M		2		NA	6		NA	0.16		NA	0.008	NA	NA	NA	NA	NA	NA		NA	14	NA	NA	NA		NA	1
SR4	22/10/2019	Mid-Ebb	Fine	Moderate	9:06	4	M		3										NA	NA	NA	NA											
SR4	22/10/2019	Mid-Ebb	Fine	Moderate	9:06	4	B	3	1	5			0.20			0.010			NA	NA	NA	NA			16			NA			<1		
SR4	22/10/2019	Mid-Ebb	Fine	Moderate	9:06	4	B	3	2	5	5		0.14	0.17		0.007	0.009		NA	NA	NA	NA	NA		14	15		NA	NA		<1	1	
SR4	22/10/2019	Mid-Ebb	Fine	Moderate	9:06	4	B	3	3										NA	NA	NA	NA											
SR5	22/10/2019	Mid-Ebb	Fine	Moderate	9:51	11	S	1	1	4			NA			NA			0.15	0.14	0.14	0.43			NA			NA			NA		
SR5	22/10/2019	Mid-Ebb	Fine	Moderate	9:51	11	S	1	2	4	4		NA	NA		NA	NA		0.13	0.14	0.14	0.41	0.41		NA	NA		NA	NA		NA	NA	
SR5	22/10/2019	Mid-Ebb	Fine	Moderate	9:51	11	S	1	3										0.13	0.14	0.13	0.40											
SR5	22/10/2019	Mid-Ebb	Fine	Moderate	9:51	11	M	5.5	1	3			NA			NA			0.15	0.14	0.14	0.43			NA			NA			NA		
SR5	22/10/2019	Mid-Ebb	Fine	Moderate	9:51	11	M	5.5	2	3	3	3	NA	NA	NA	NA	NA	NA	0.15	0.13	0.14	0.42	0.42	0.42	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	22/10/2019	Mid-Ebb	Fine	Moderate	9:51	11	M	5.5	3										0.14	0.13	0.15	0.42											
SR5	22/10/2019	Mid-Ebb	Fine	Moderate	9:51	11	B	10	1	3			NA			NA			0.16	0.14	0.14	0.44			NA			NA			NA		
SR5	22/10/2019	Mid-Ebb	Fine	Moderate	9:51	11	B	10	2	3	3		NA	NA		NA	NA		0.14	0.14	0.14	0.42	0.43		NA	NA		NA	NA		NA	NA	
SR5	22/10/2019	Mid-Ebb	Fine	Moderate	9:51	11	B	10	3										0.15	0.14	0.14	0.43											
SR12	22/10/2019	Mid-Ebb	Fine	Moderate	8:44	15	S	1	1	8			0.25			0.013			NA	NA	NA	NA			130			NA			<1		
SR12	22/10/2019	Mid-Ebb	Fine	Moderate	8:44	15	S	1	2	8	8		0.25	0.25		0.013	0.013		NA	NA	NA	NA	NA		130	130		NA	NA		<1	1	
SR12	22/10/2019	Mid-Ebb	Fine	Moderate	8:44	15	S	1	3										NA	NA	NA	NA											
SR12	22/10/2019	Mid-Ebb	Fine	Moderate	8:44	15	M	7.5	1	9			0.24			0.012			NA	NA	NA	NA			150			NA			<1		
SR12	22/10/2019	Mid-Ebb	Fine	Moderate	8:44	15	M	7.5	2	8	9	10	0.19	0.22	0.24	0.010	0.011	0.013	NA	NA	NA	NA	NA	NA	140	145	141	NA	NA	NA	<1	1	1
SR12	22/10/2019	Mid-Ebb	Fine	Moderate	8:44	15	M	7.5	3										NA	NA	NA	NA											
SR12	22/10/2019	Mid-Ebb	Fine	Moderate	8:44	15	B	14	1	13			0.27			0.014			NA	NA	NA	NA			170			NA			<1		
SR12	22/10/2019	Mid-Ebb	Fine	Moderate	8:44	15	B	14	2	13	13		0.25	0.26		0.013	0.013		NA	NA	NA	NA	NA		130	149		NA	NA		<1	1	
SR12	22/10/2019	Mid-Ebb	Fine	Moderate	8:44	15	B	14	3										NA	NA	NA	NA											
SR13	22/10/2019	Mid-Ebb	Fine	Moderate	8:23	14	S	1	1	8			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	22/10/2019	Mid-Ebb	Fine	Moderate	8:23	14	S	1	2	9	9		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	22/10/2019	Mid-Ebb	Fine	Moderate	8:23	14	S	1	3										NA	NA	NA	NA											
SR13	22/10/2019	Mid-Ebb	Fine	Moderate	8:23	14	M	7	1	10			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	22/10/2019	Mid-Ebb	Fine	Moderate	8:23	14	M	7	2	9	10	9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	22/10/2019	Mid-Ebb	Fine	Moderate	8:23	14	M	7	3										NA	NA	NA	NA											
SR13	22/10/2019	Mid-Ebb	Fine	Moderate	8:23	14	B	13	1	10			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	22/10/2019	Mid-Ebb	Fine	Moderate	8:23	14	B	13	2	9	10		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	22/10/2019	Mid-Ebb	Fine	Moderate	8:23	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 in calculating the geometric mean.

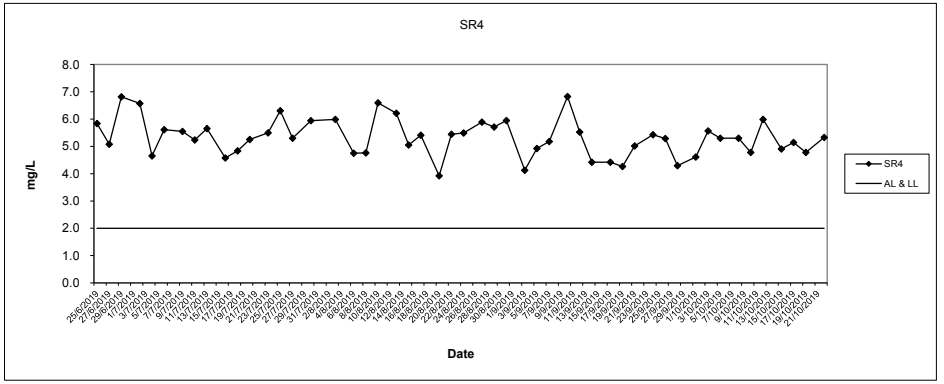
Dissolved Oxygen (Surface and Middle) at Mid-Flood Tide

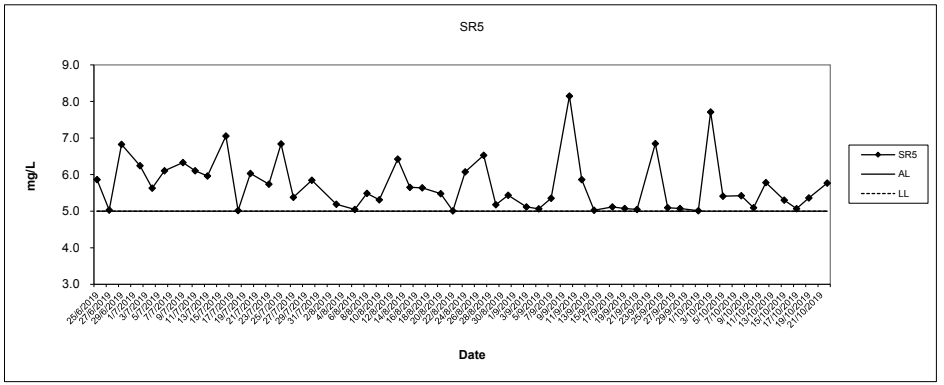


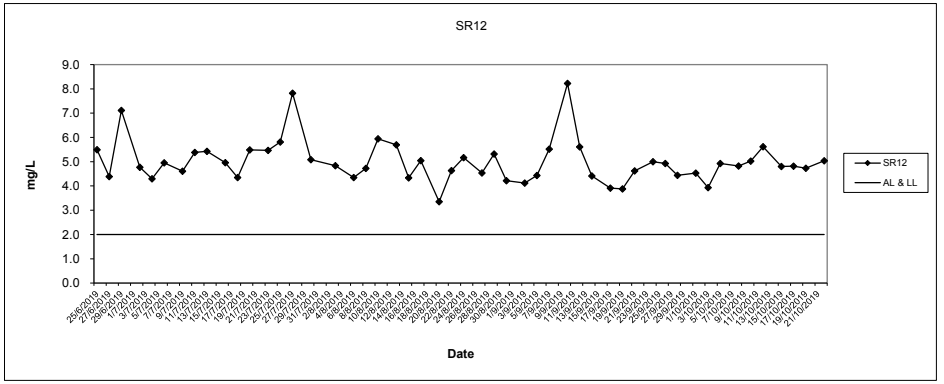




Dissolved Oxygen (Surface and Middle) at Mid-Flood Tide

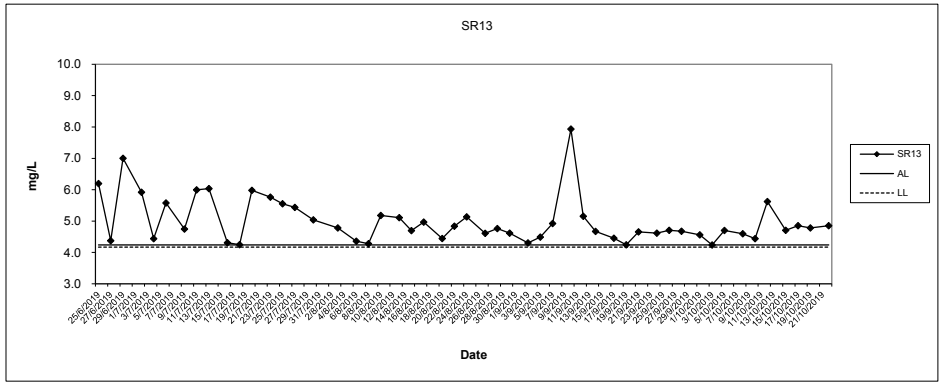




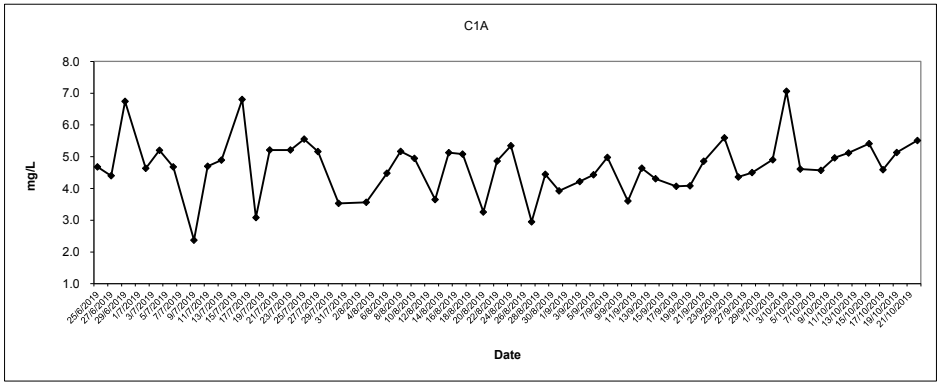


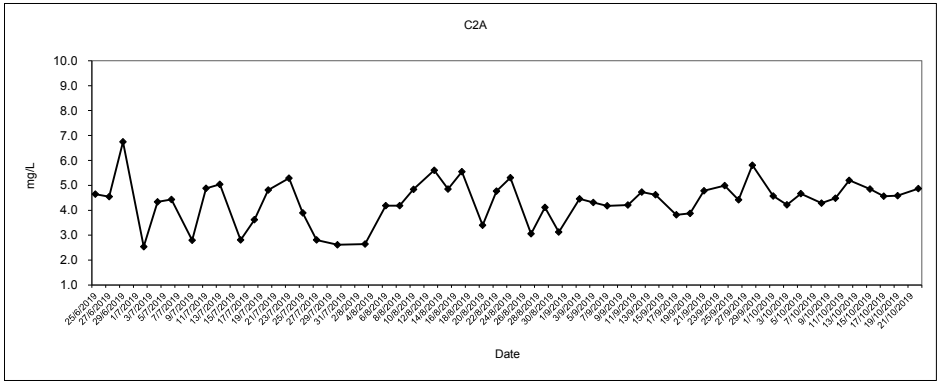
Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

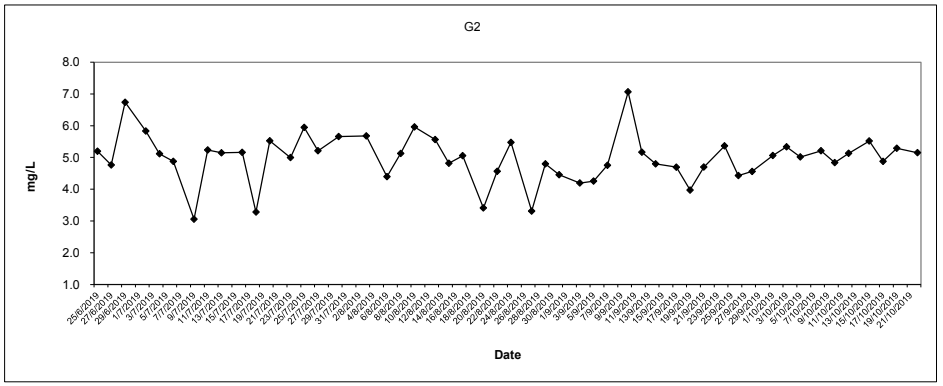
Dissolved Oxygen (Surface and Middle) at Mid-Flood Tide



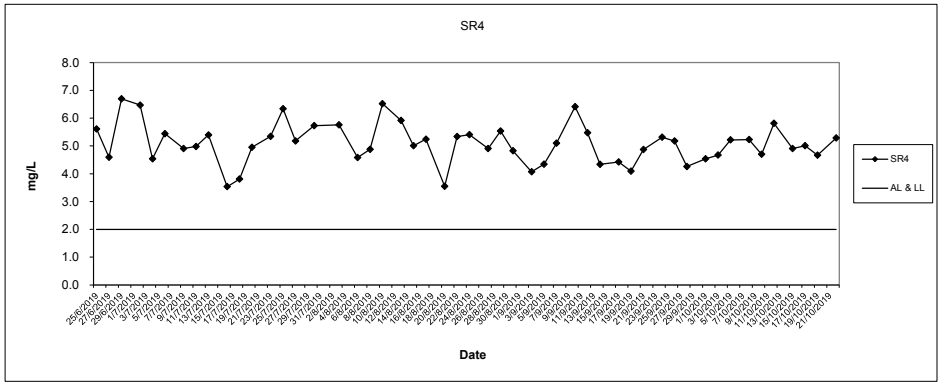
Dissolved Oxygen (Bottom) at Mid-Flood Tide



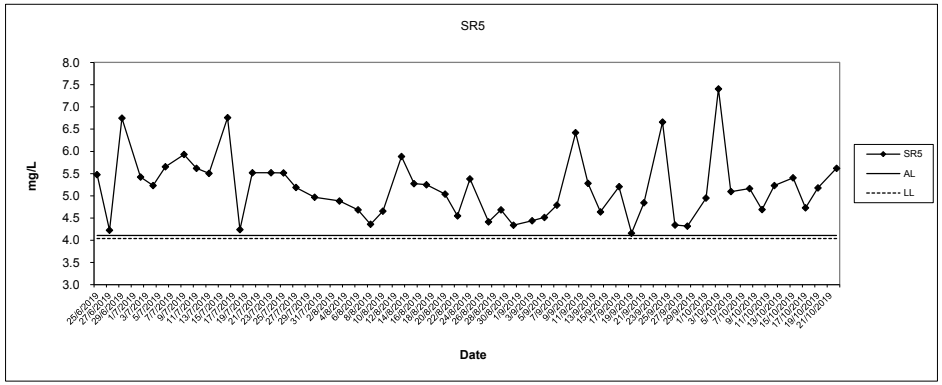


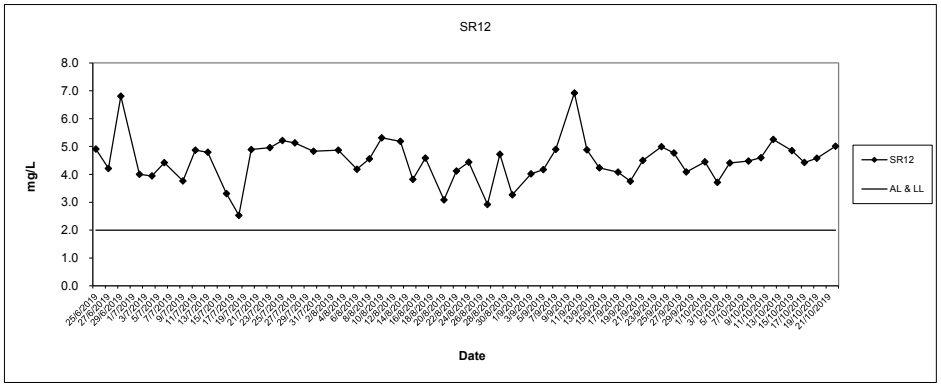


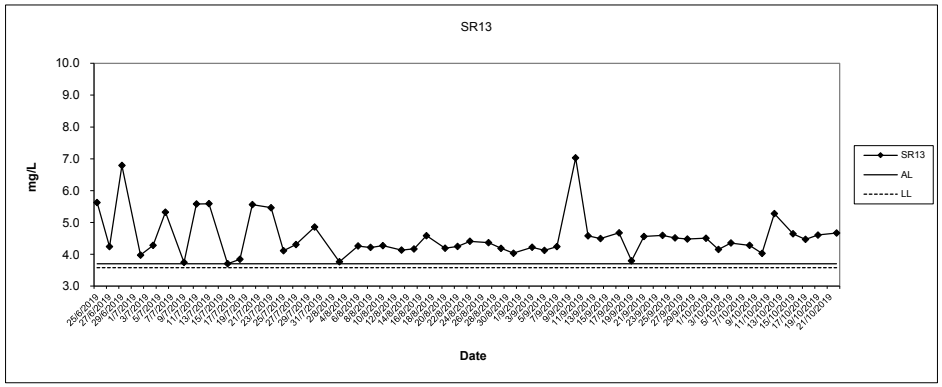
Dissolved Oxygen (Bottom) at Mid-Flood Tide



Dissolved Oxygen (Bottom) at Mid-Flood Tide

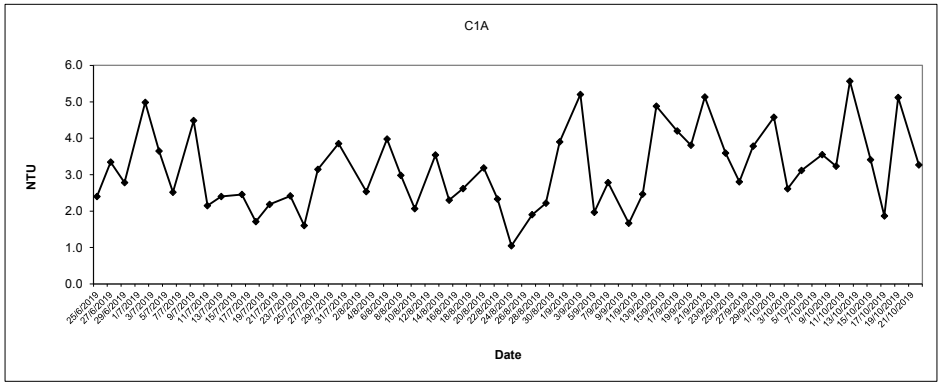


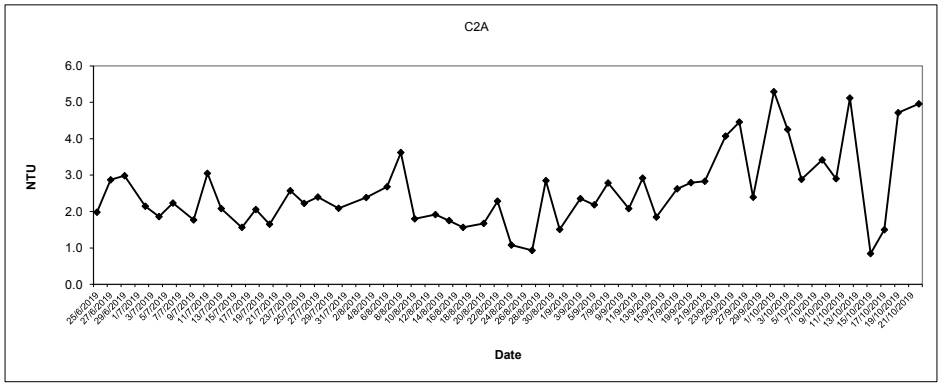


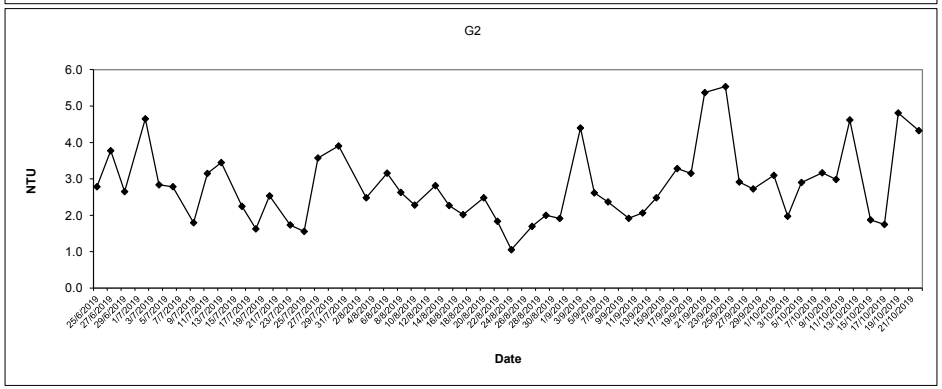


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

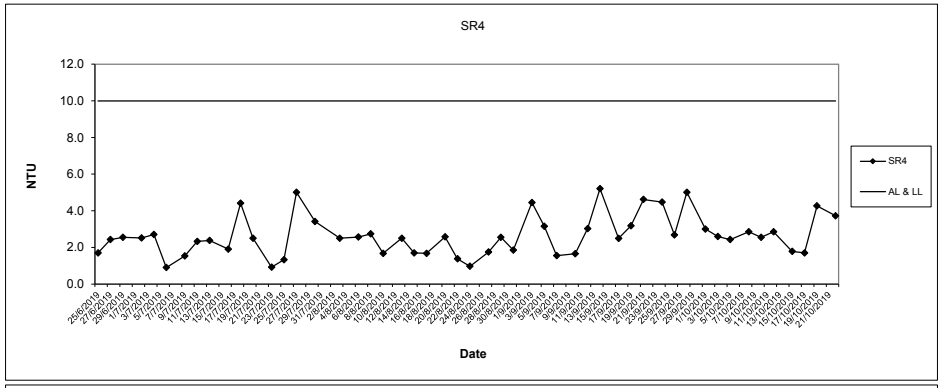
Turbidity (Depth average) at Mid-Flood Tide

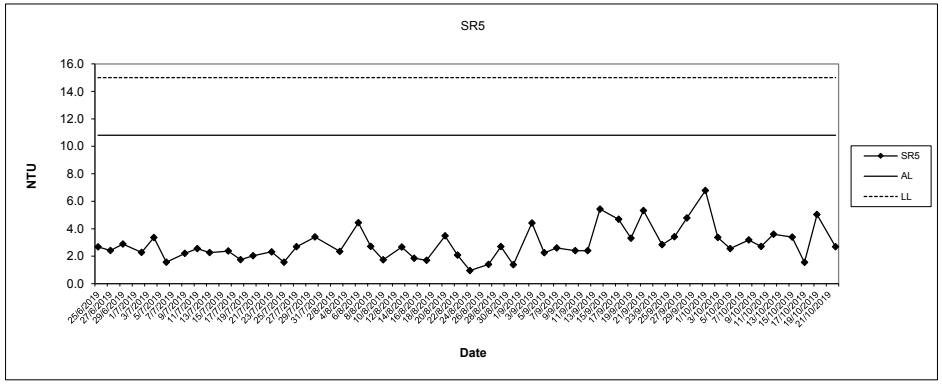


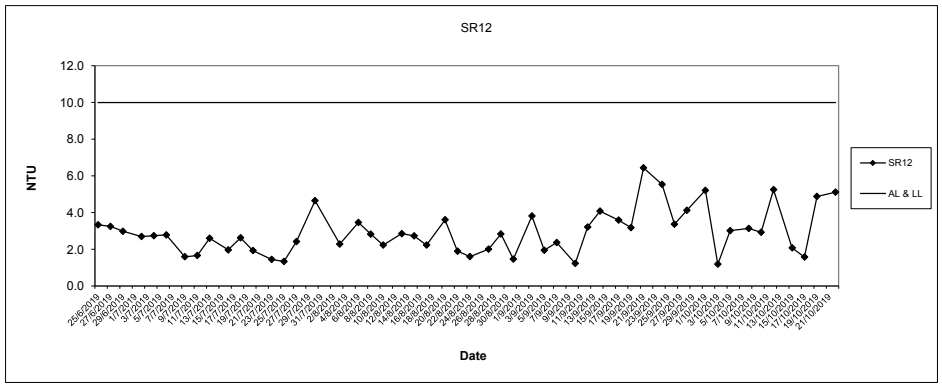




Turbidity (Depth average) at Mid-Flood Tide

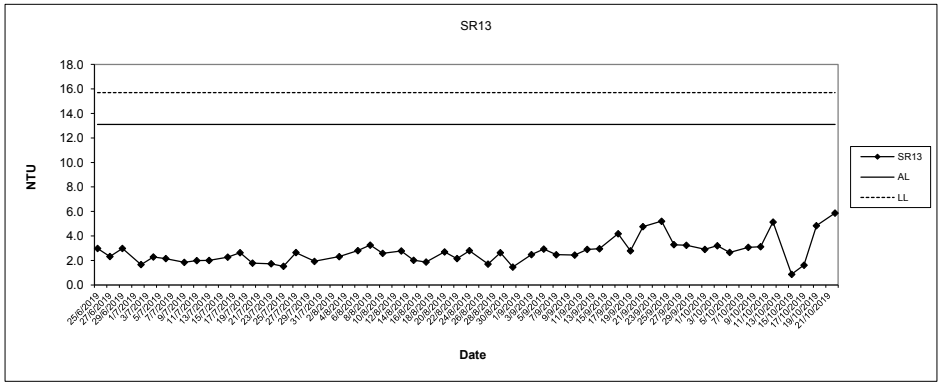




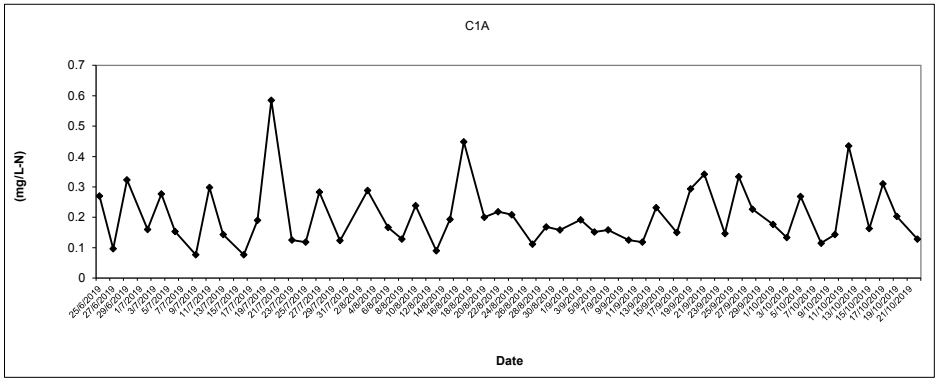


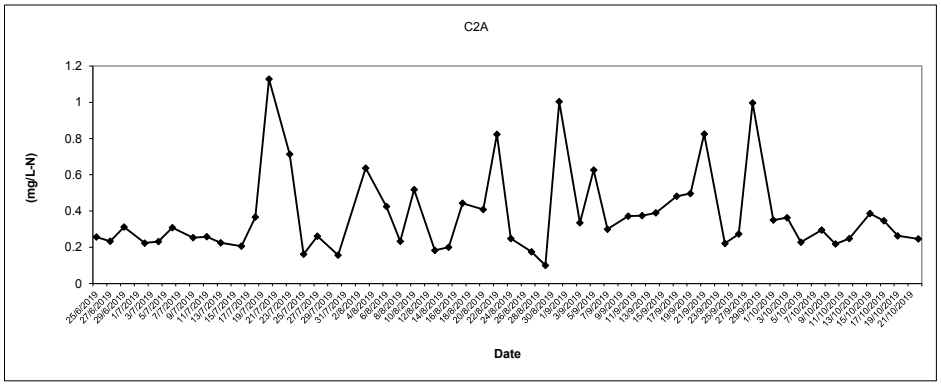
Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

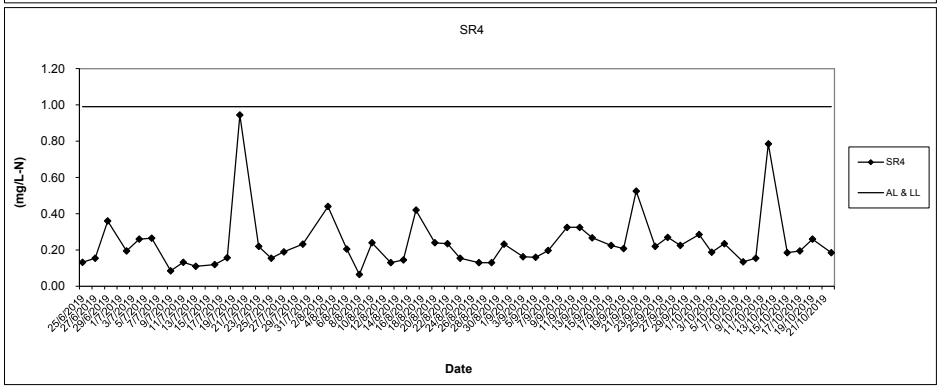
Turbidity (Depth average) at Mid-Flood Tide



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

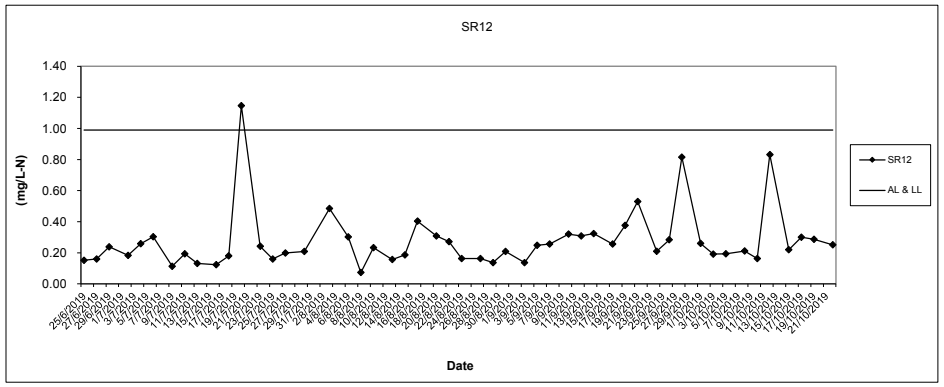




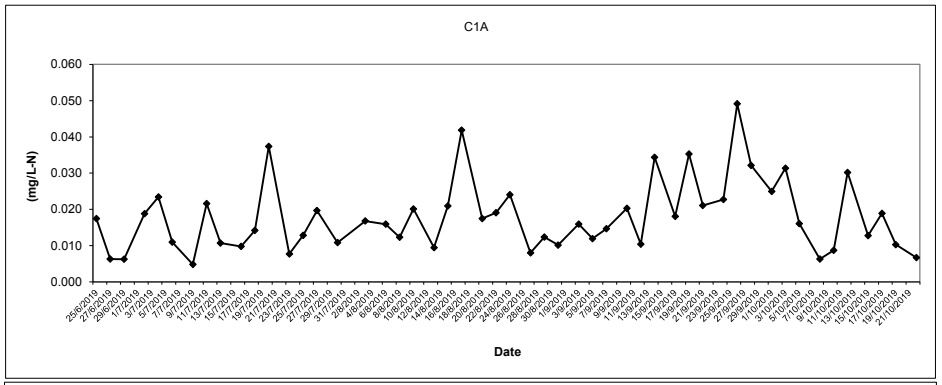


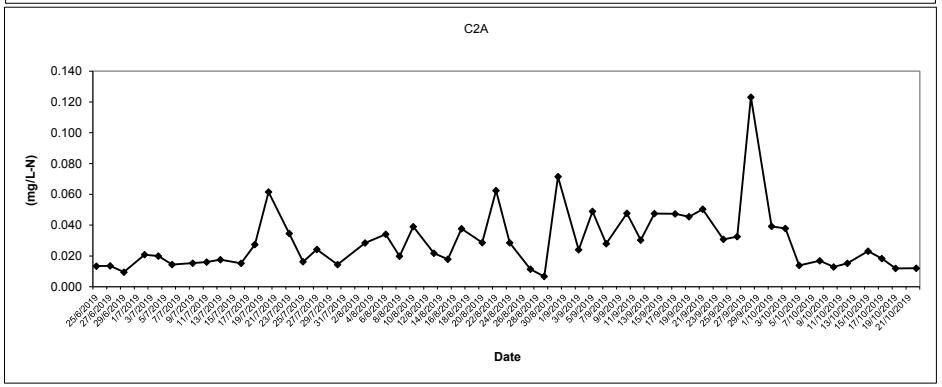
Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

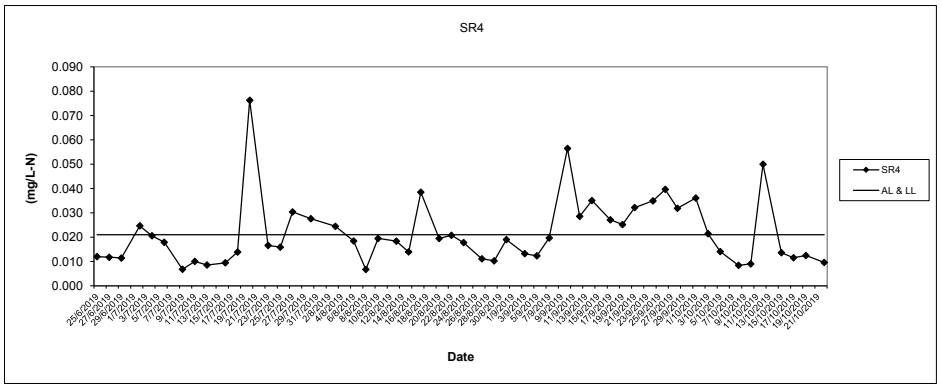
In-situ Ammonia (Depth average) at Mid-Flood Tide



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

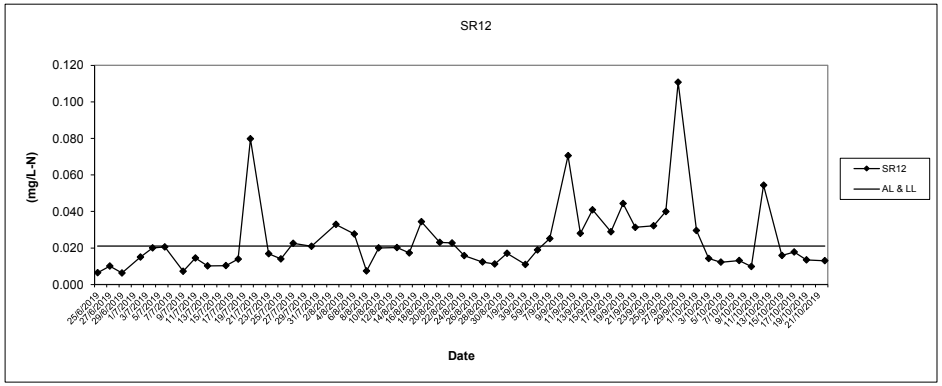




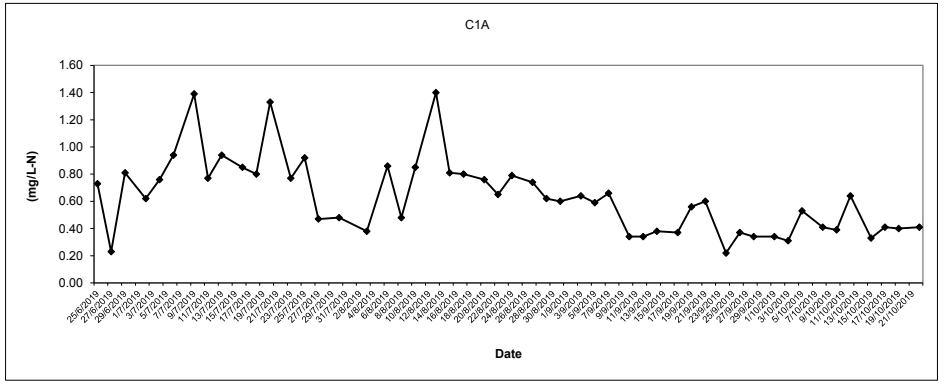


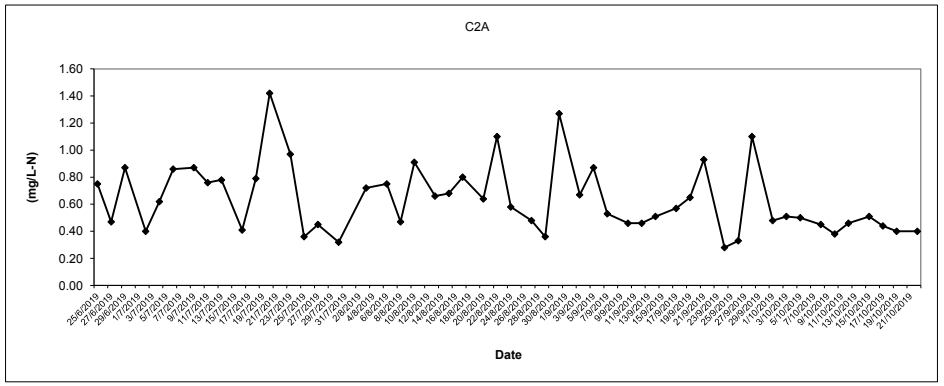
Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

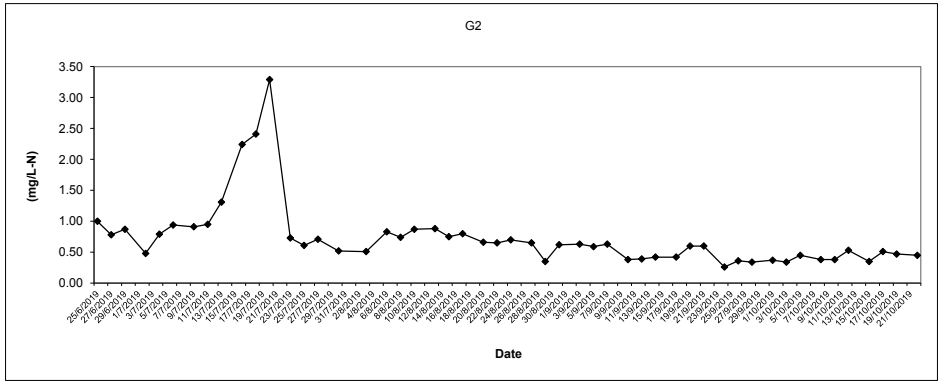
In-situ UIA (Depth average) at Mid-Flood Tide



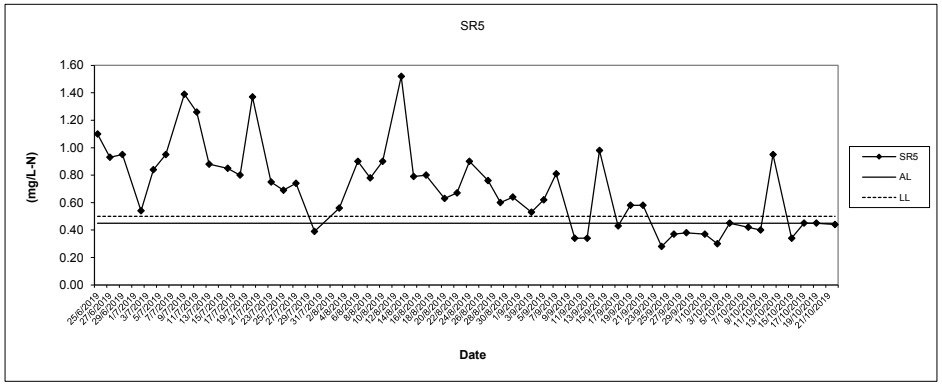
In-situ TIN (Depth average) at Mid-Flood Tide



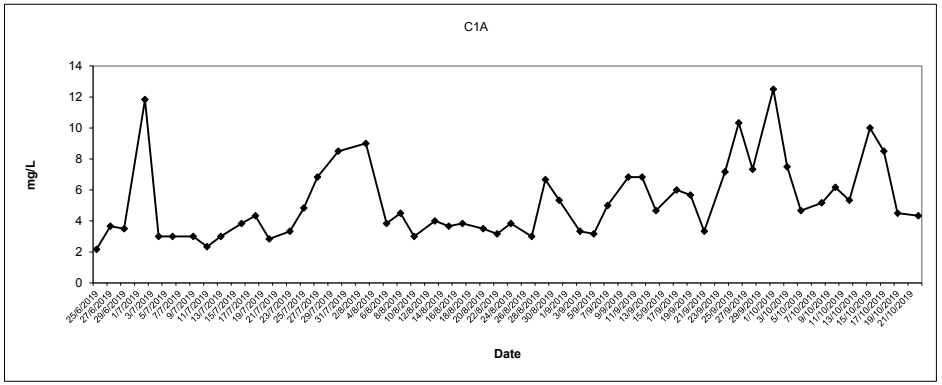


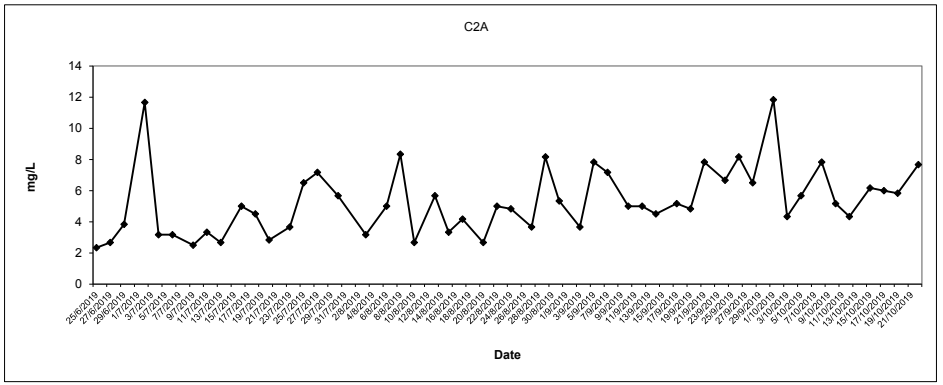


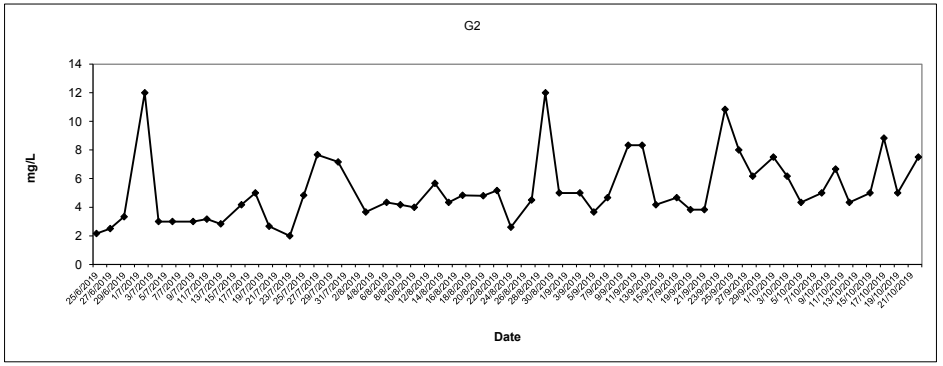
In-situ TIN (Depth average) at Mid-Flood Tide



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

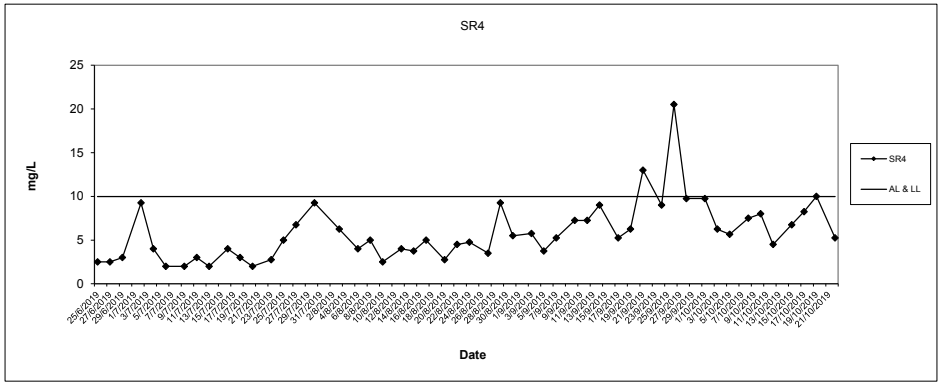


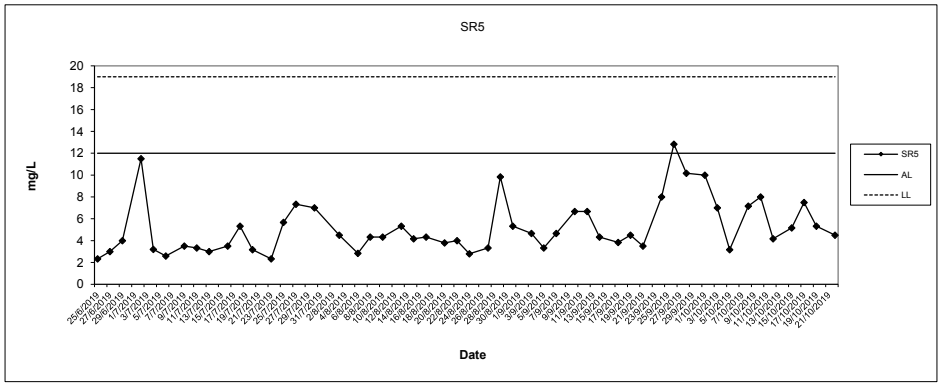


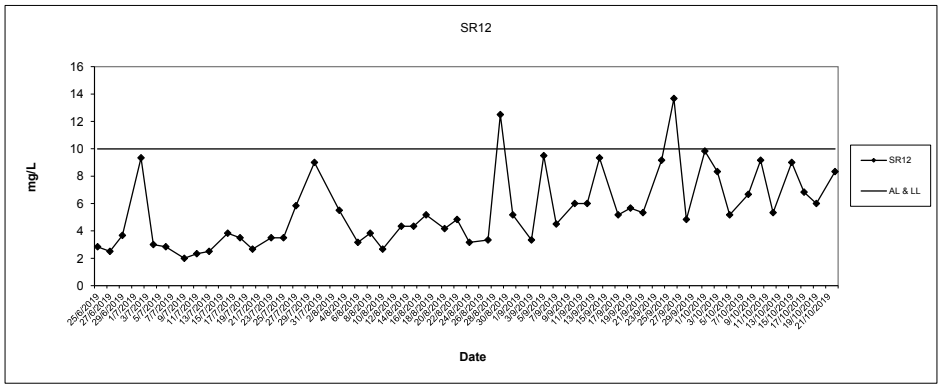


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

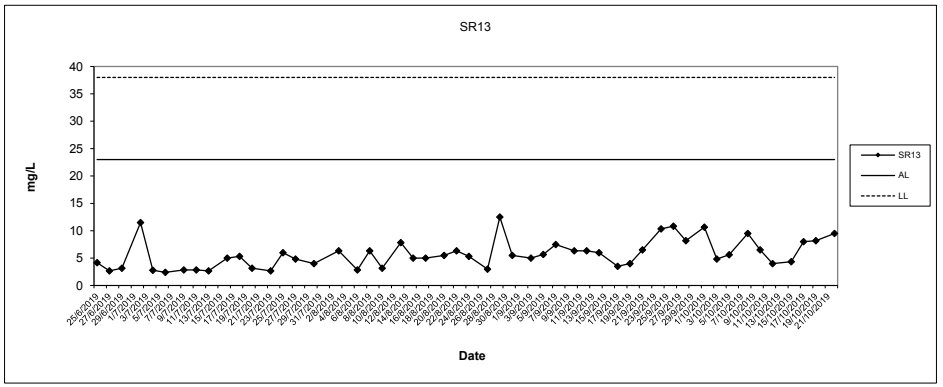
Total Suspended Solids (Depth average) at Mid-Flood Tide





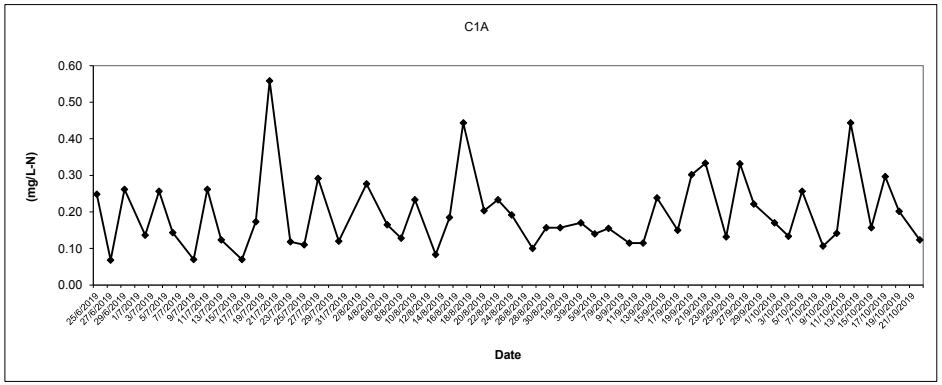


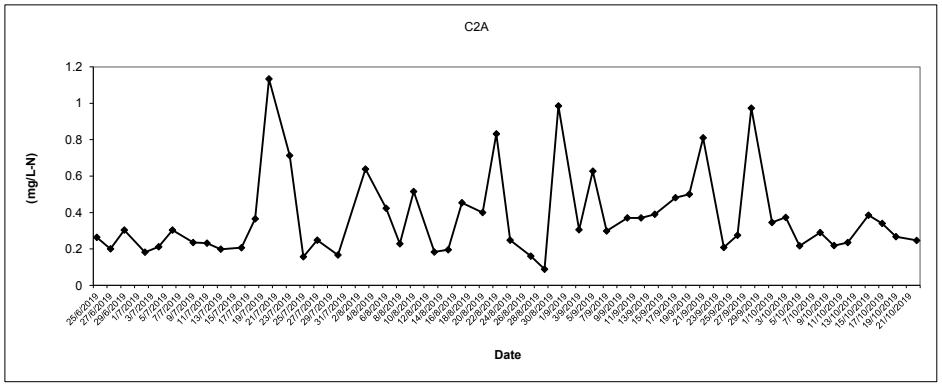
Total Suspended Solids (Depth average) at Mid-Flood Tide

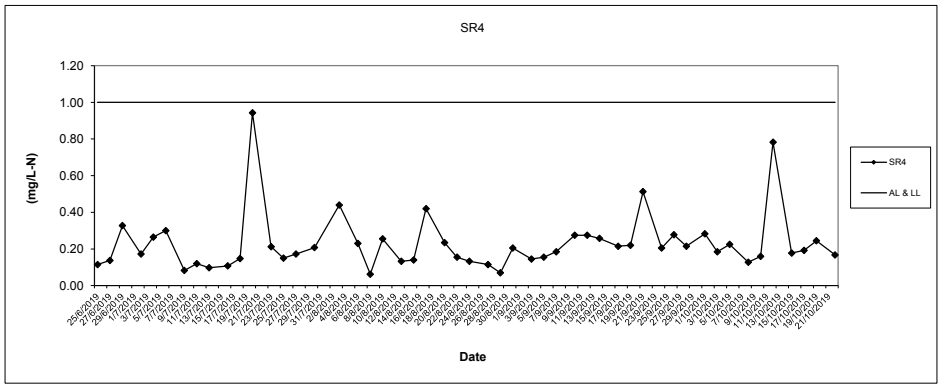


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

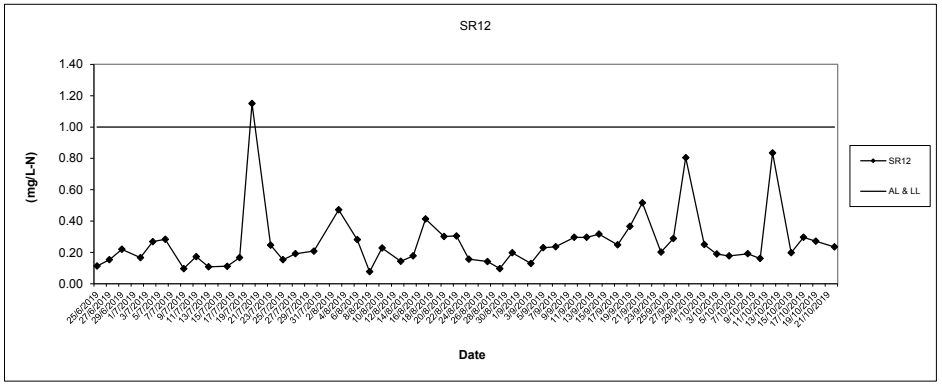
Ammonia Nitrogen (Depth average) at Mid-Flood Tide



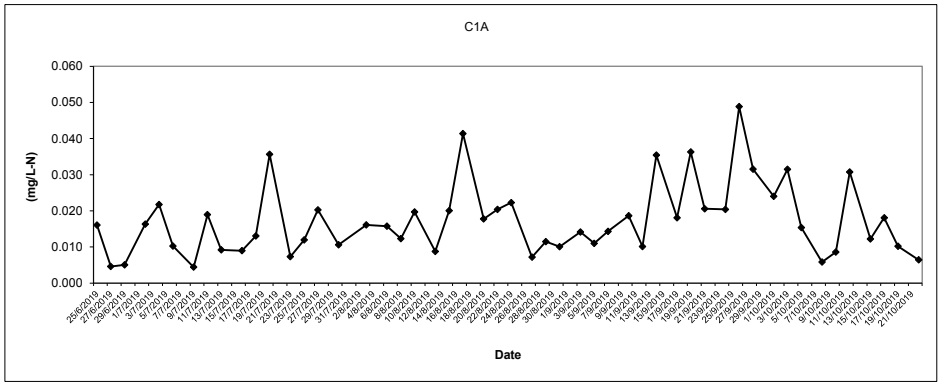


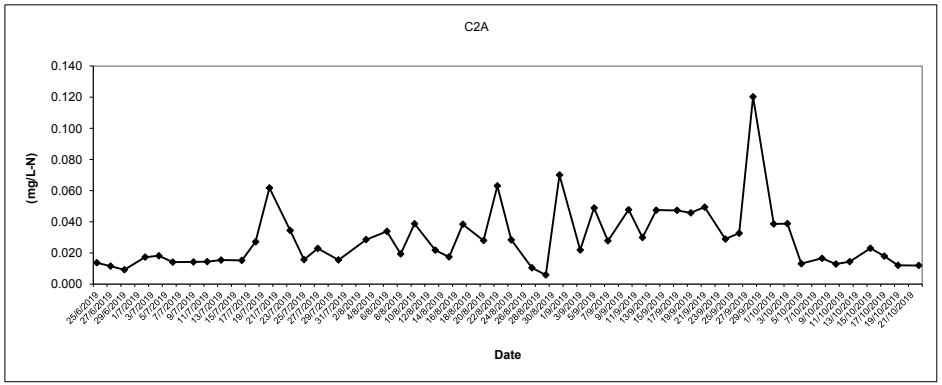


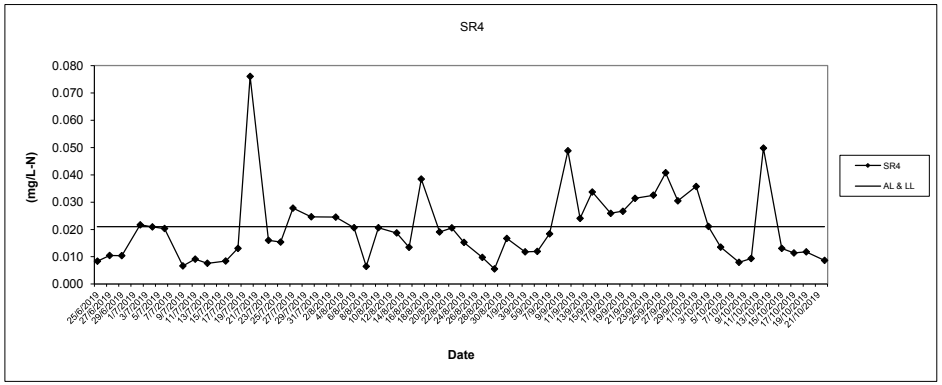
Ammonia Nitrogen (Depth average) at Mid-Flood Tide



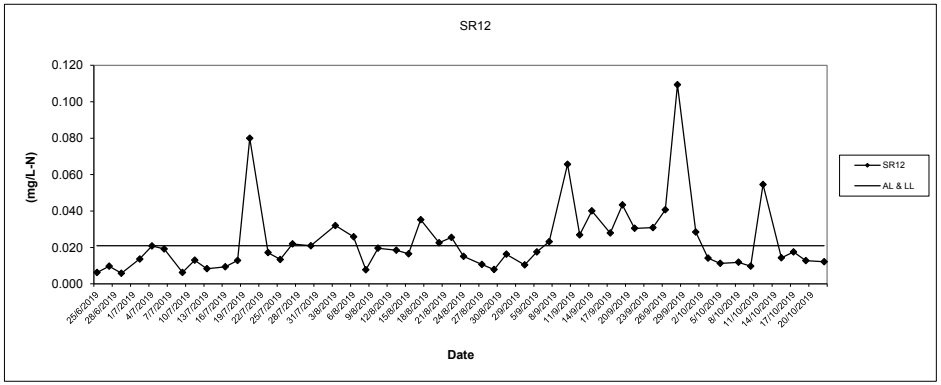
Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel





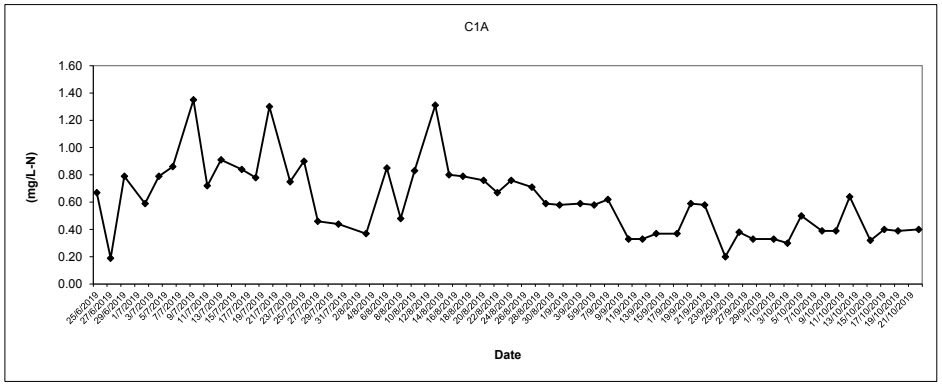


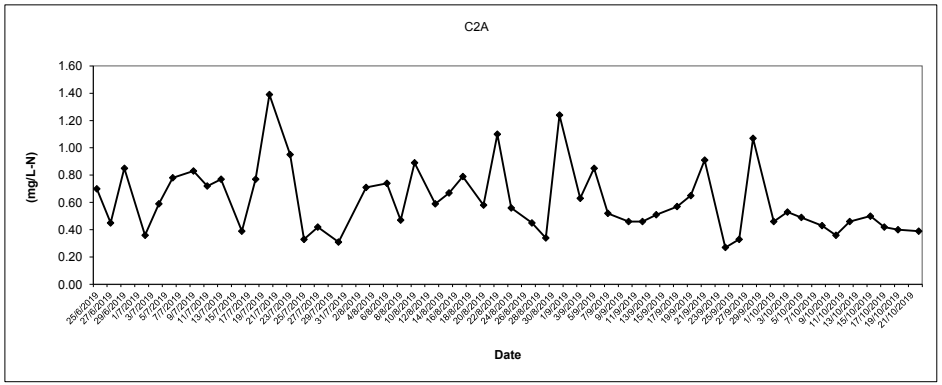
Laboratory Analysis UIA (Depth average) at Mid-Flood Tide

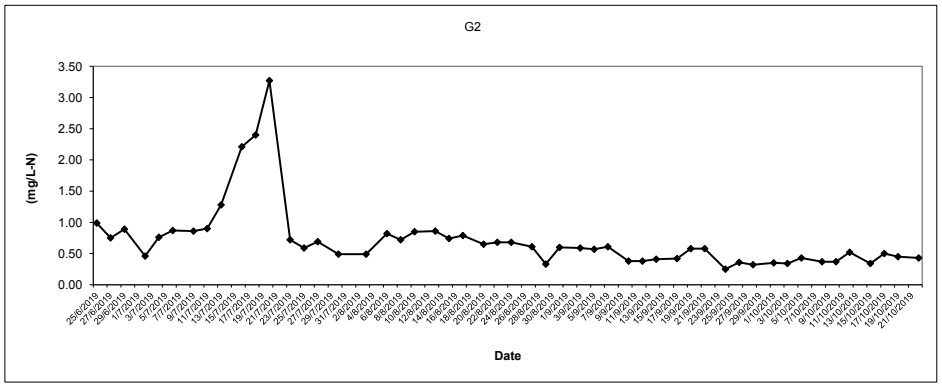


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

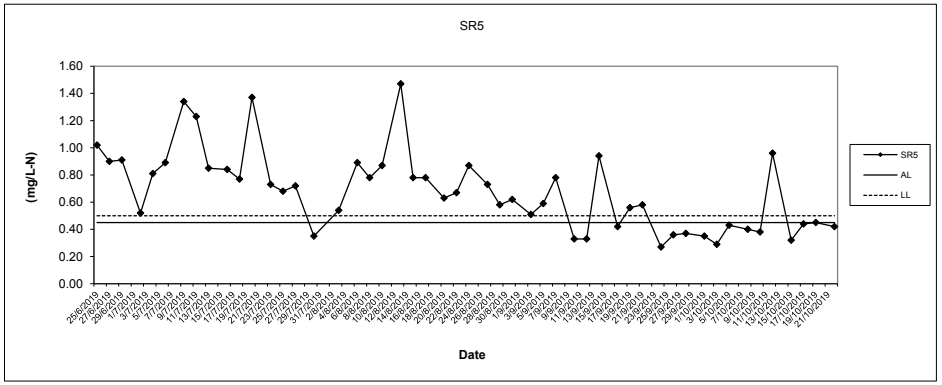
Laboratory Analysis TIN (Depth average) at Mid-Flood Tide



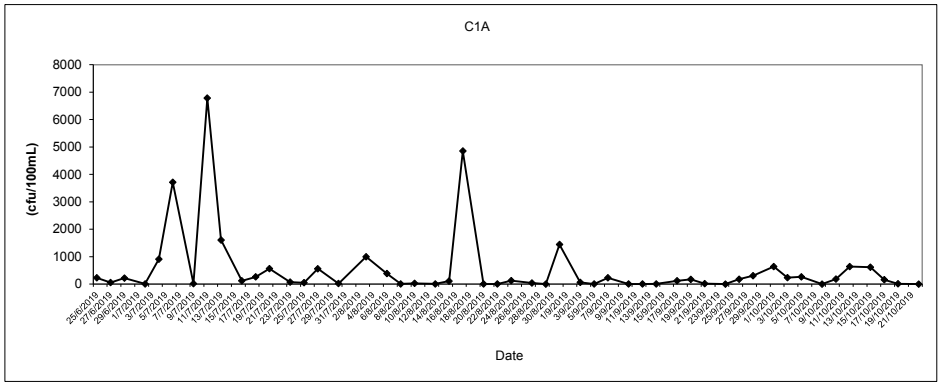


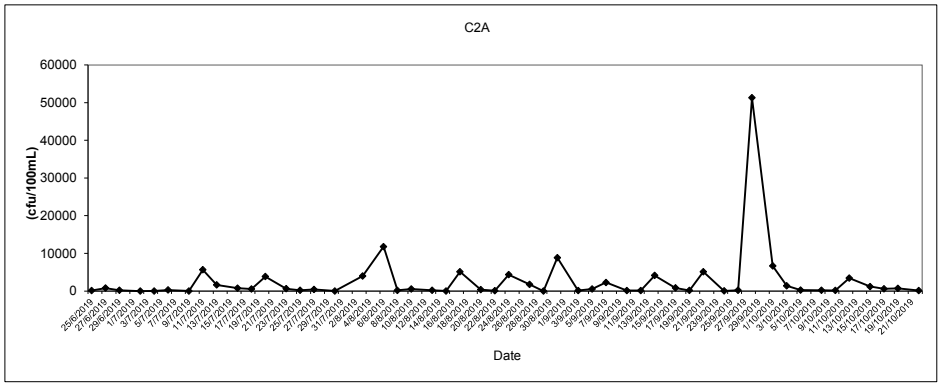


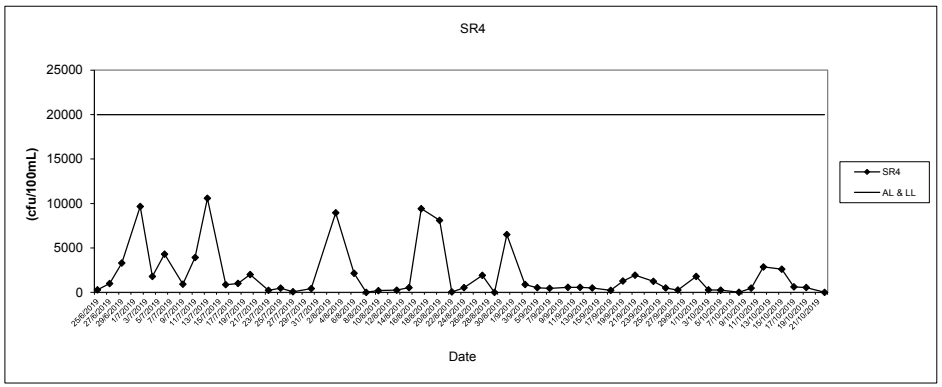
Laboratory Analysis TIN (Depth average) at Mid-Flood Tide



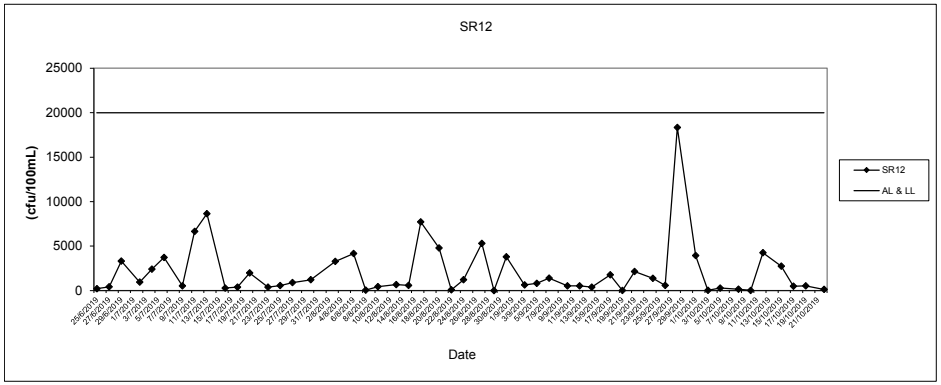
Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel





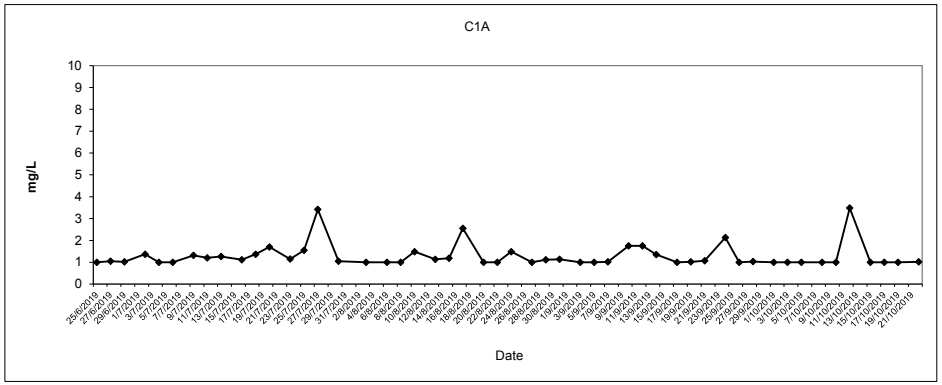


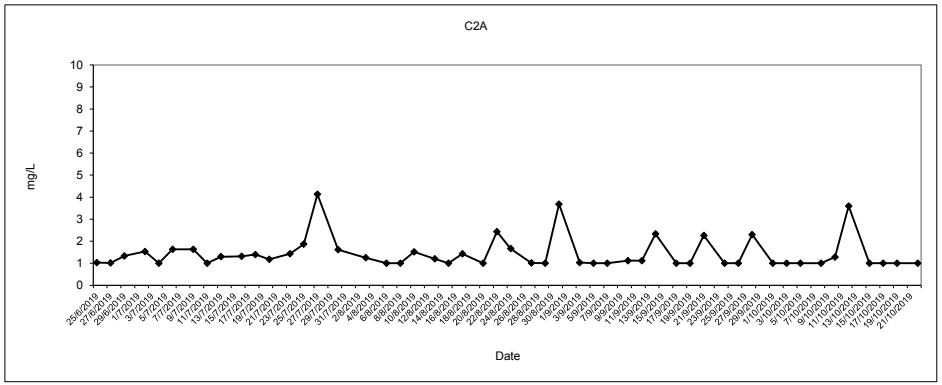
E.coli **(Depth average) at Mid-Flood Tide**

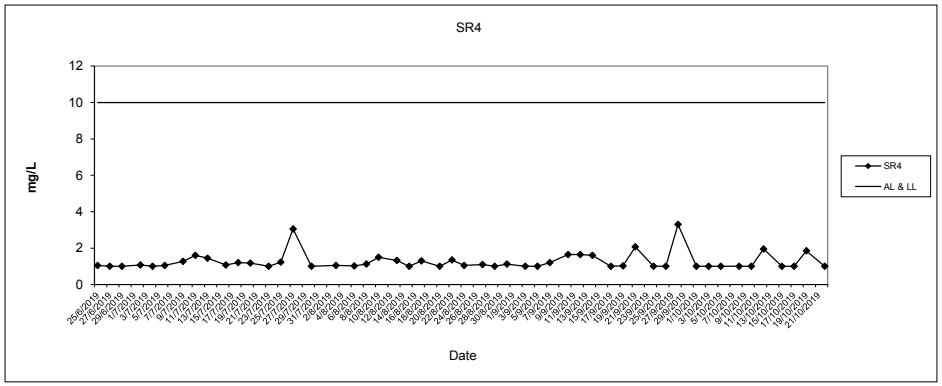


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

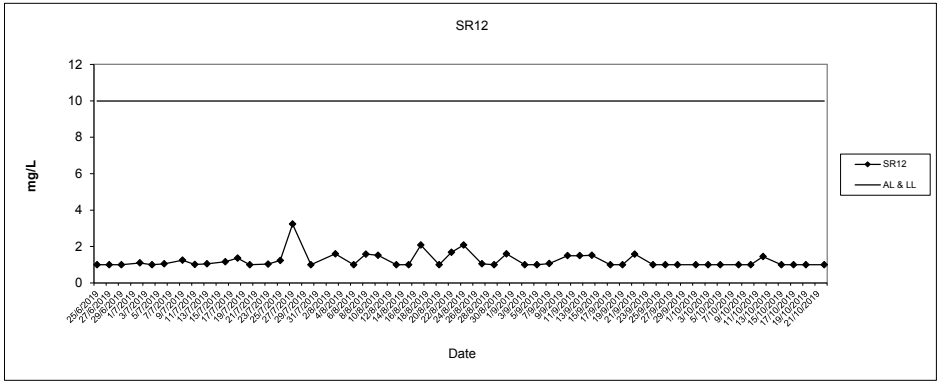
BOD_5 (Depth average) at Mid-Flood Tide





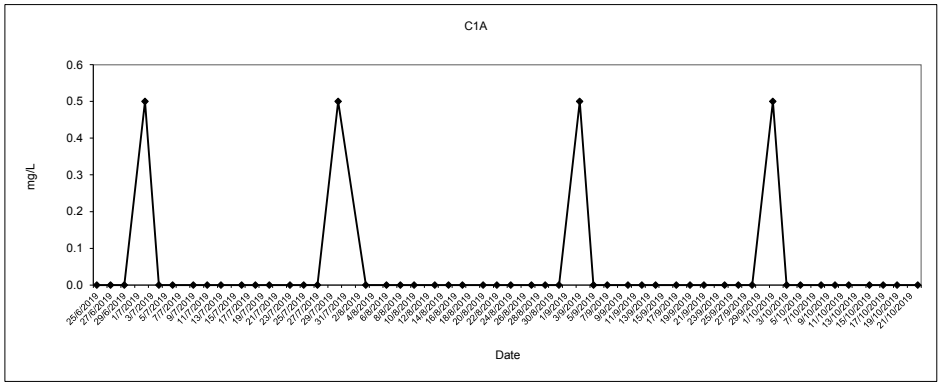


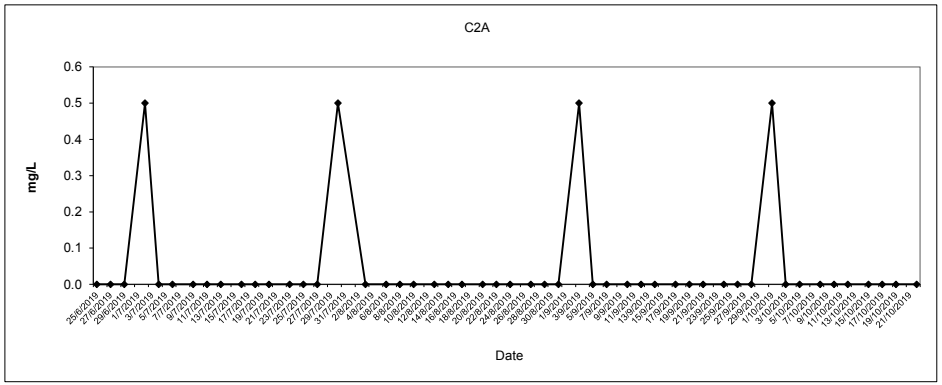
BOD_5 (Depth average) at Mid-Flood Tide

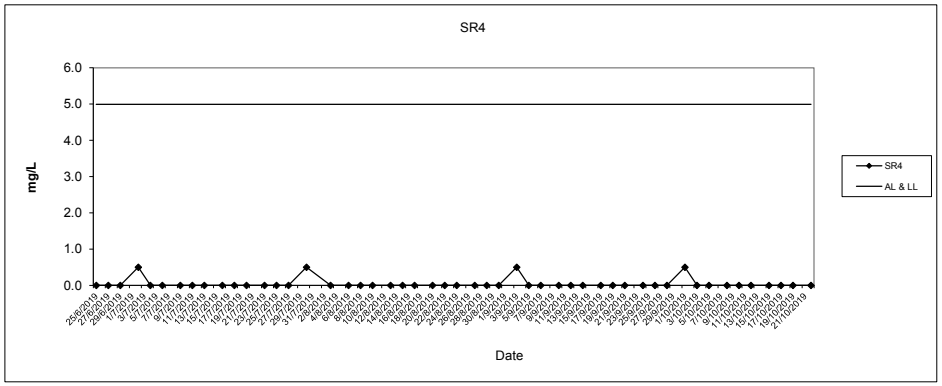


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

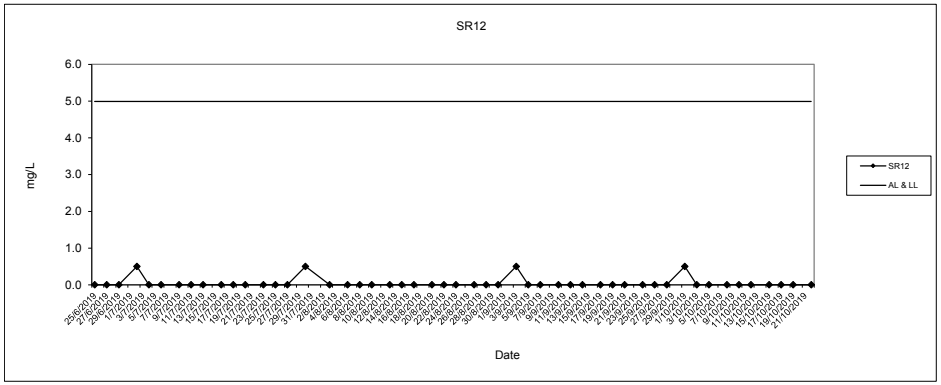
Synthetic Detergent (Depth average) at Mid-Flood Tide





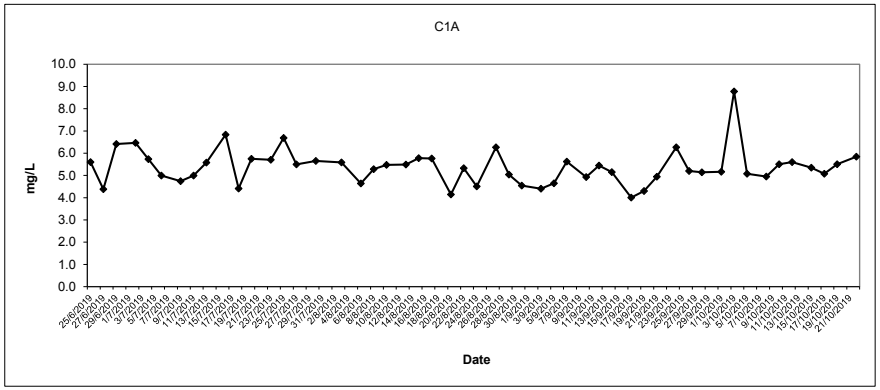


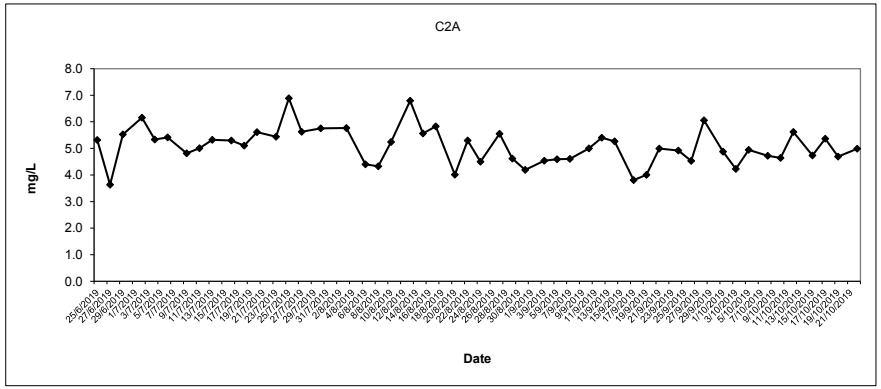
Synthetic Detergent (Depth average) at Mid-Flood Tide

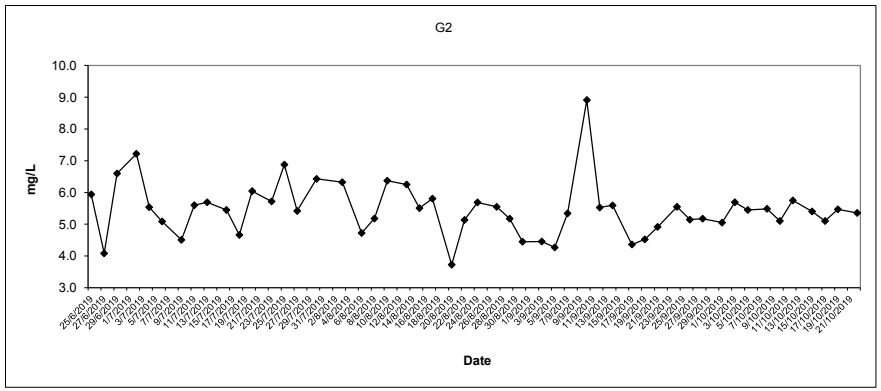


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

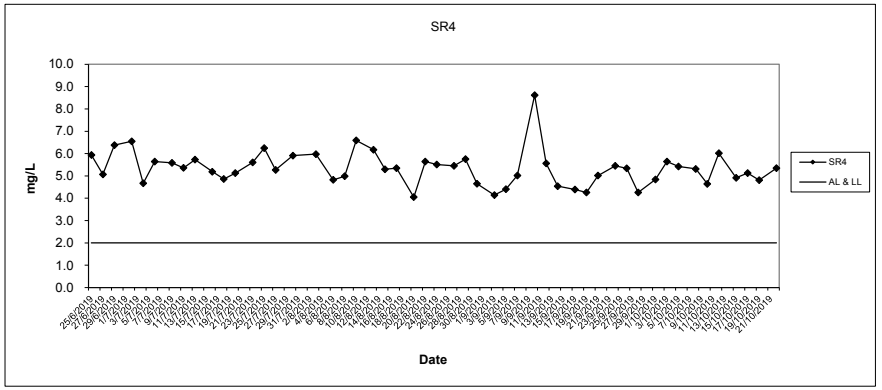
Dissolved Oxygen (Surface and Middle) at Mid-Ebb Tide

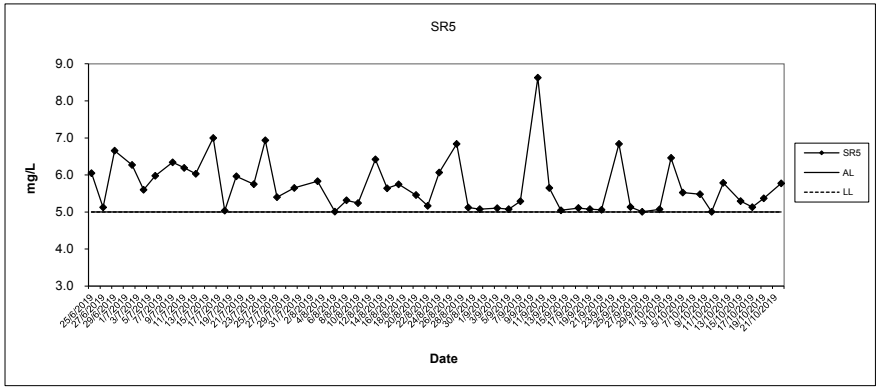


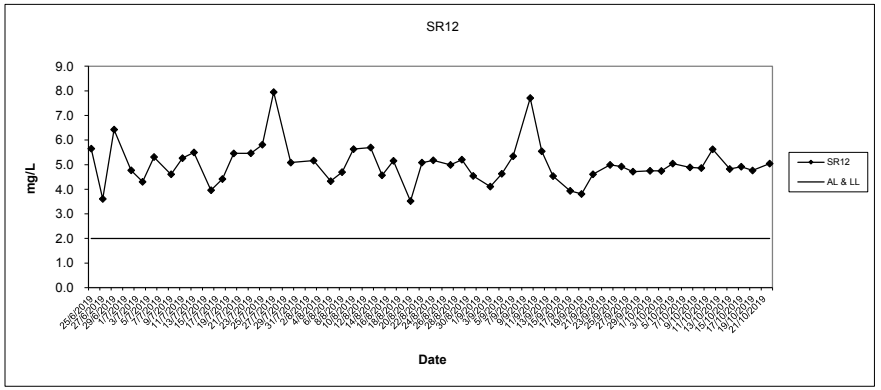




Dissolved Oxygen (Surface and Middle) at Mid-Ebb Tide

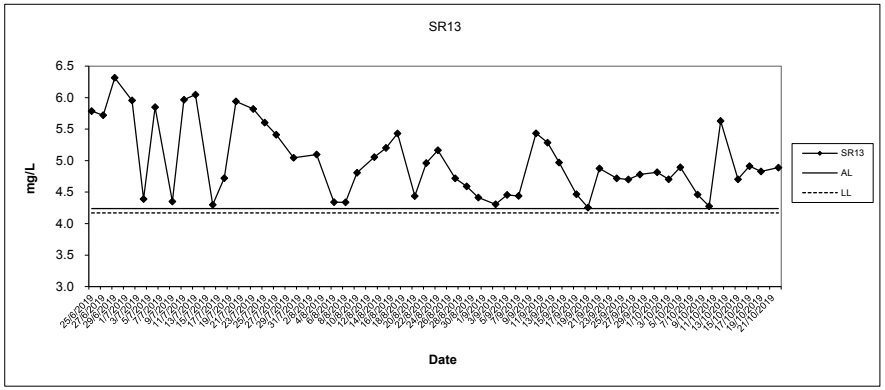




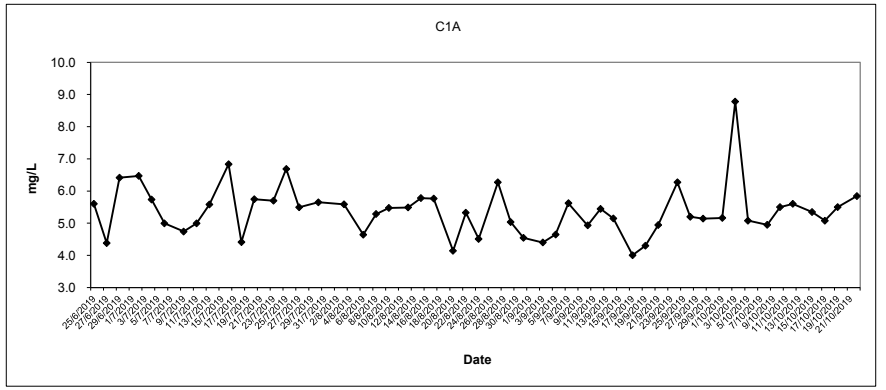


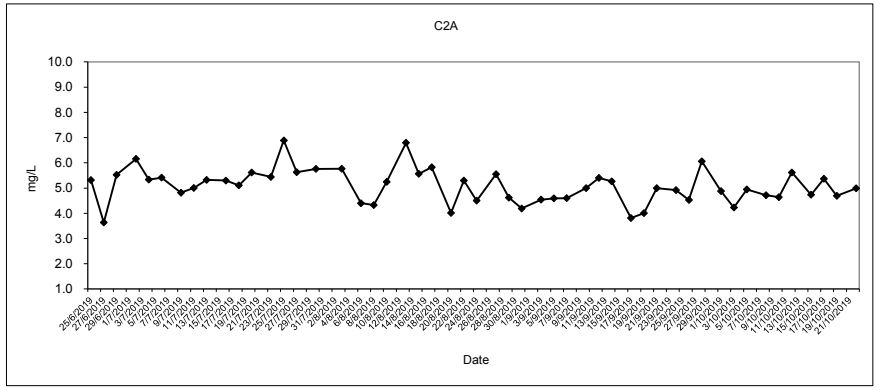
Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

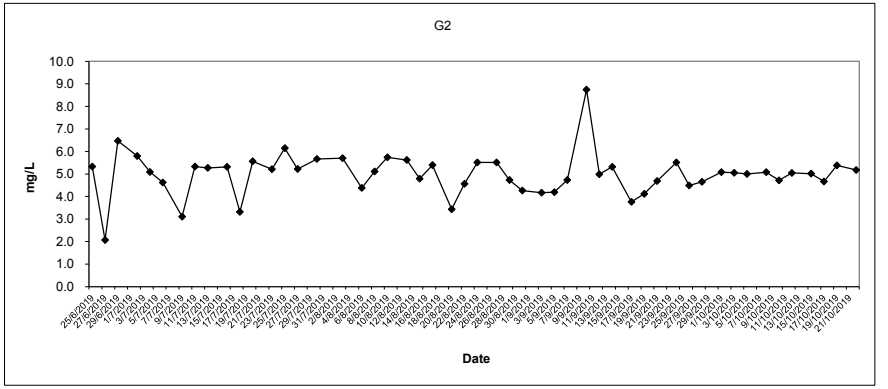
Dissolved Oxygen (Surface and Middle) at Mid-Ebb Tide



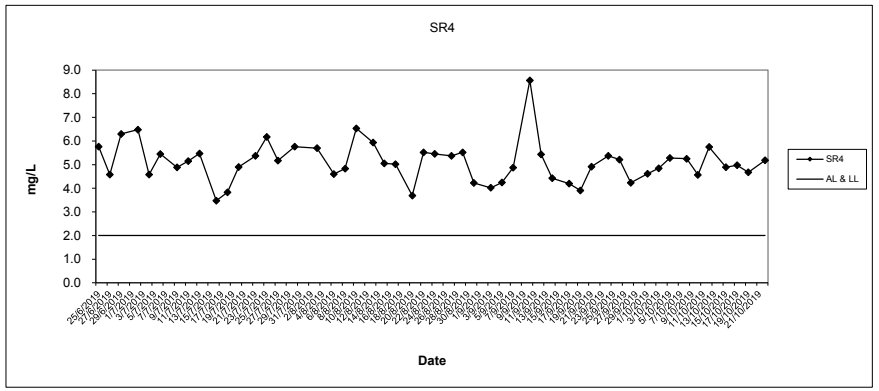
Dissolved Oxygen (Bottom) at Mid-Ebb Tide

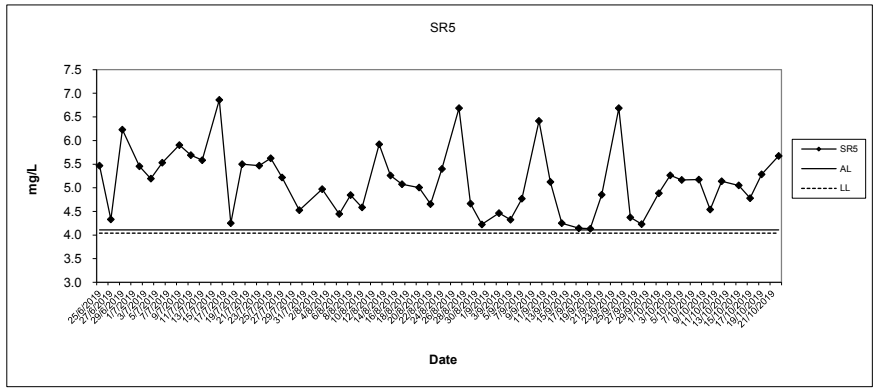


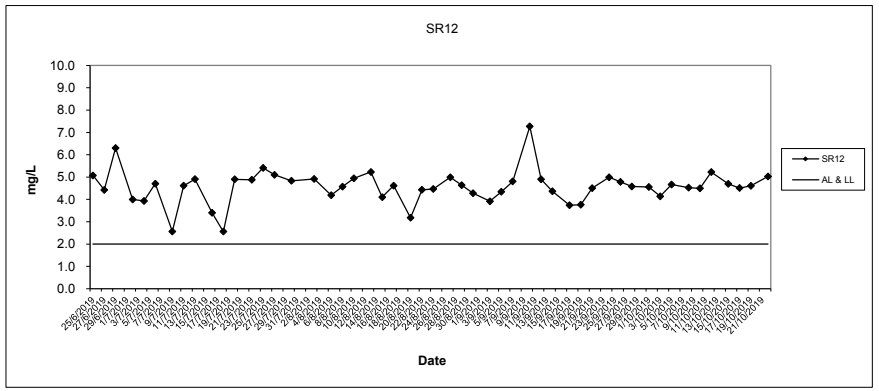




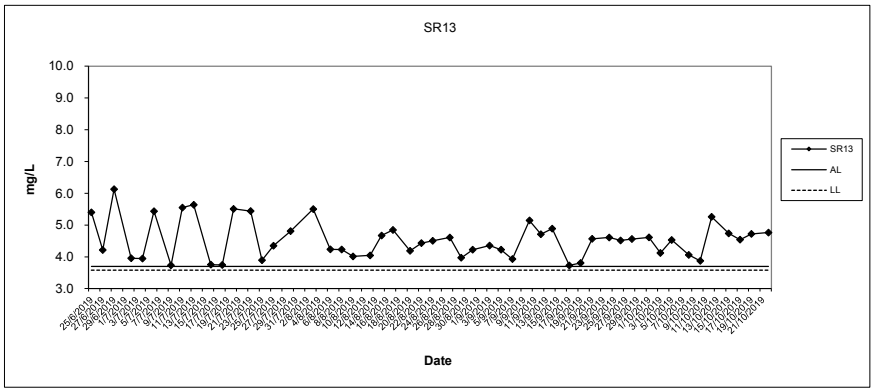
Dissolved Oxygen (Bottom) at Mid-Ebb Tide





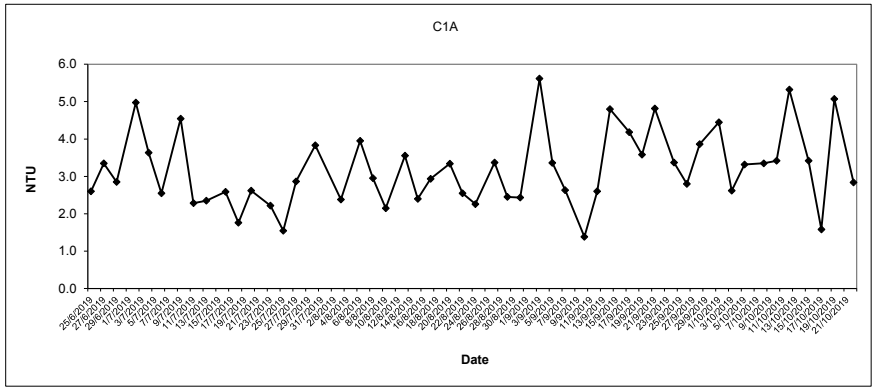


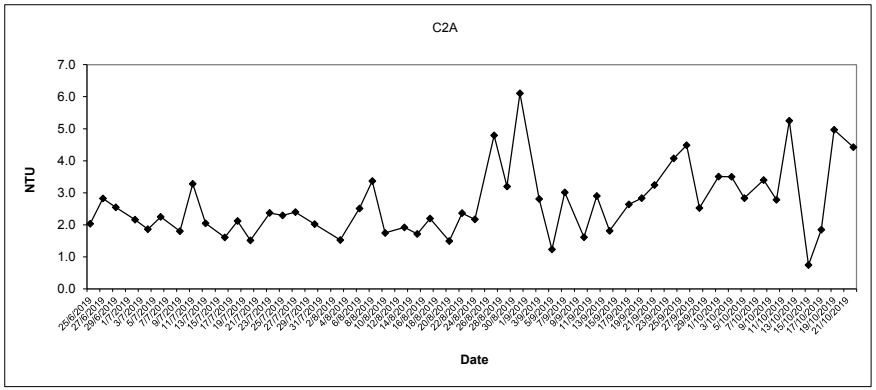
Dissolved Oxygen (Bottom) at Mid-Ebb Tide

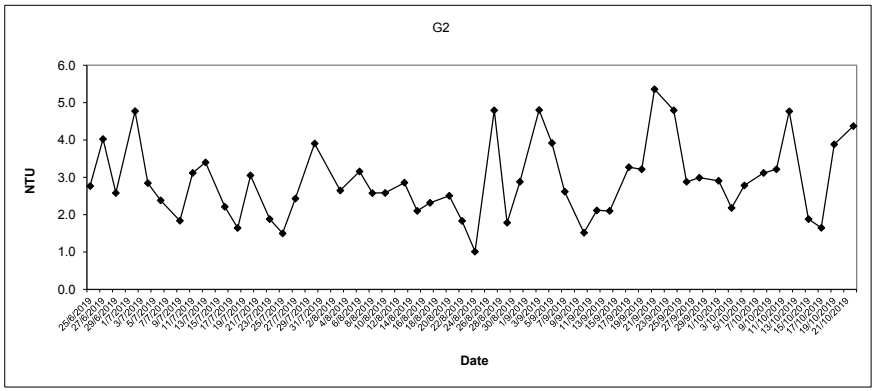


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

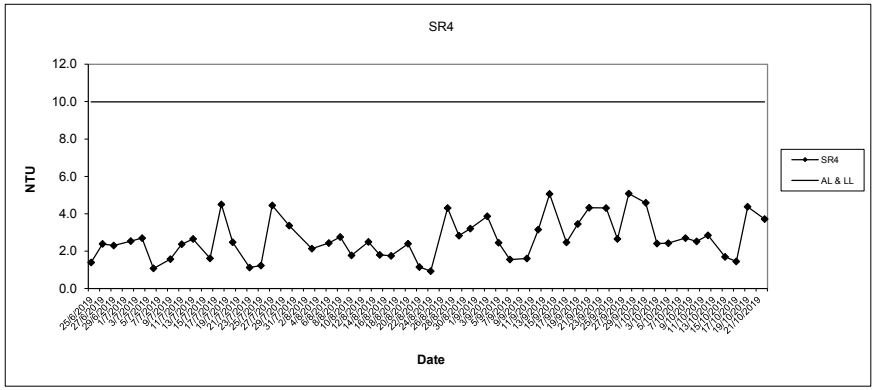
Turbidity (Depth average) at Mid-Ebb Tide

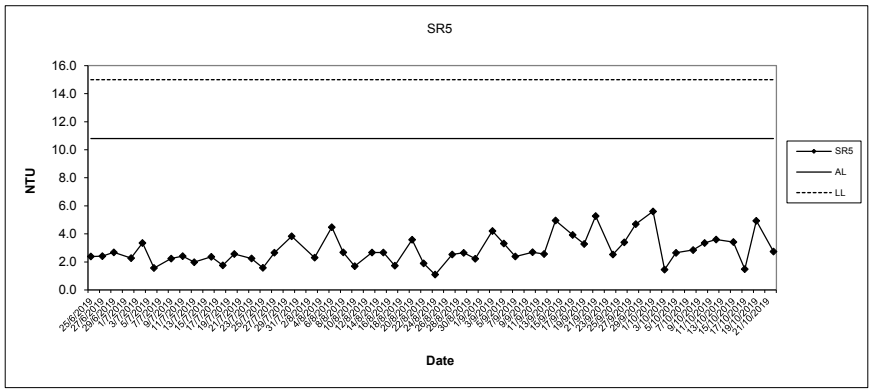


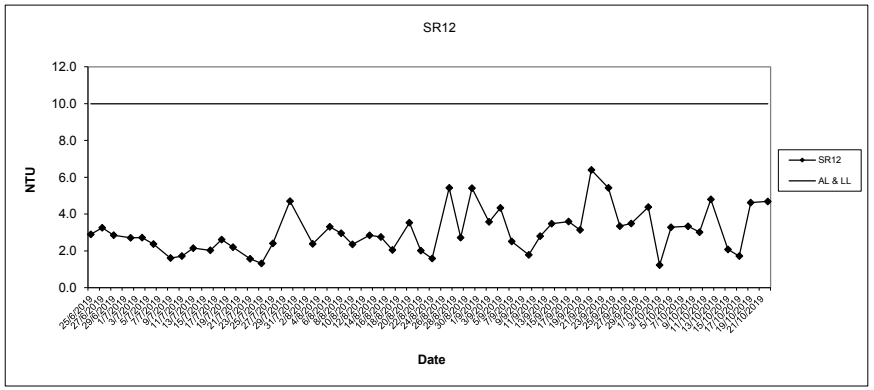




Turbidity (Depth average) at Mid-Ebb Tide

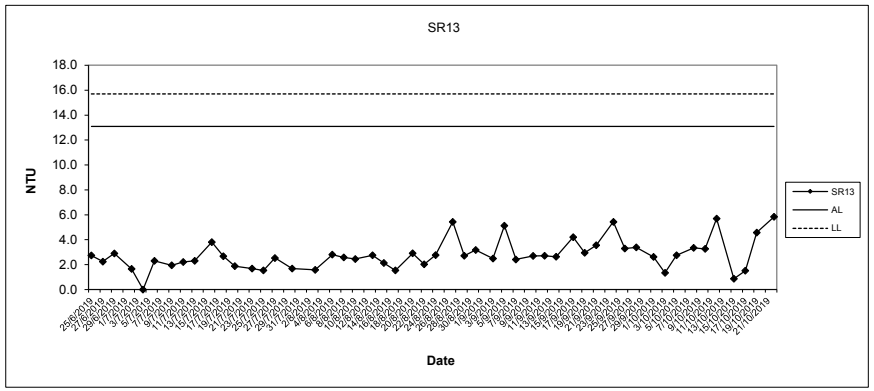




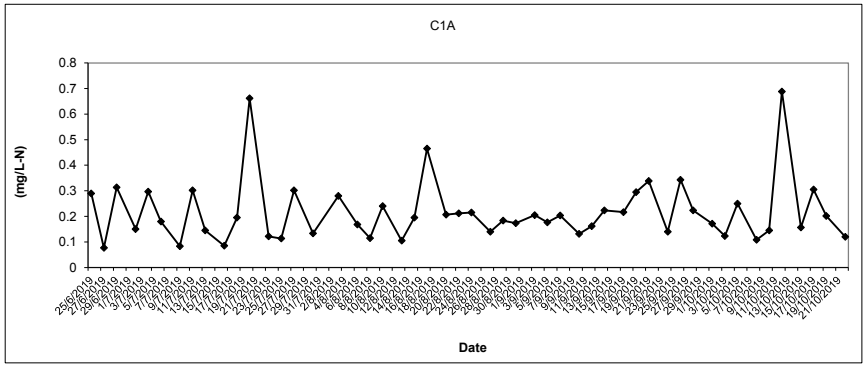


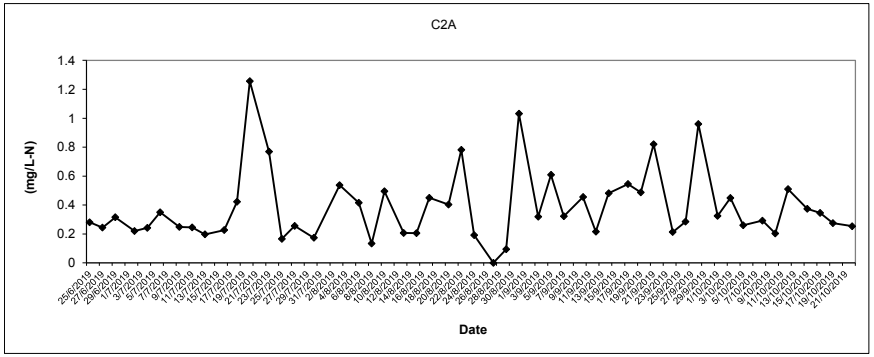
Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

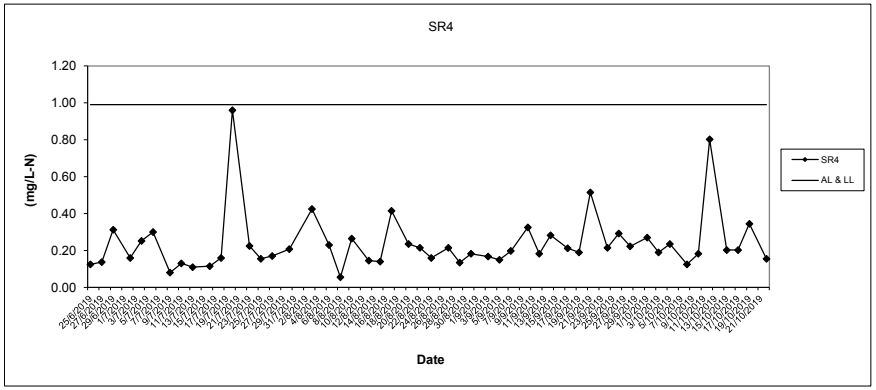
Turbidity (Depth average) at Mid-Ebb Tide



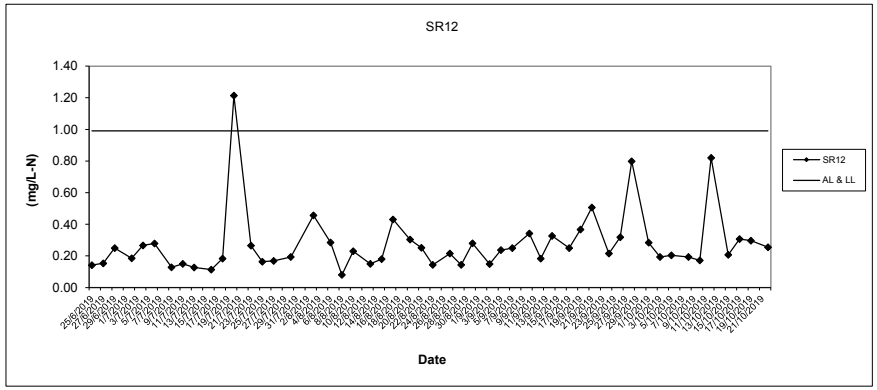
In-situ Ammonia (Depth average) at Mid-Ebb Tide



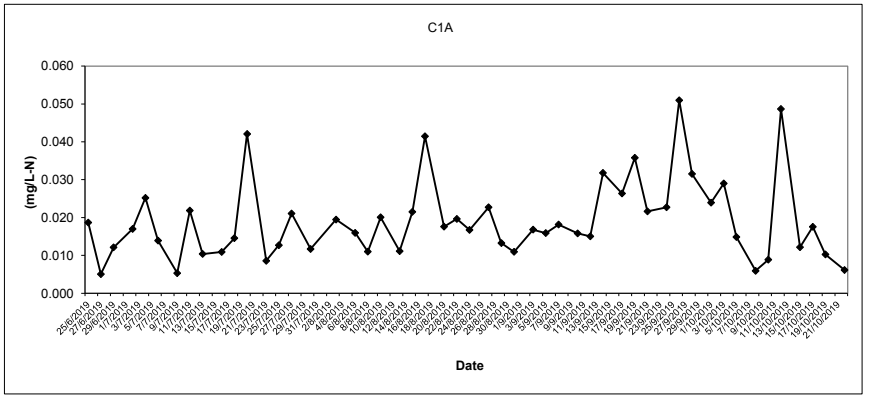


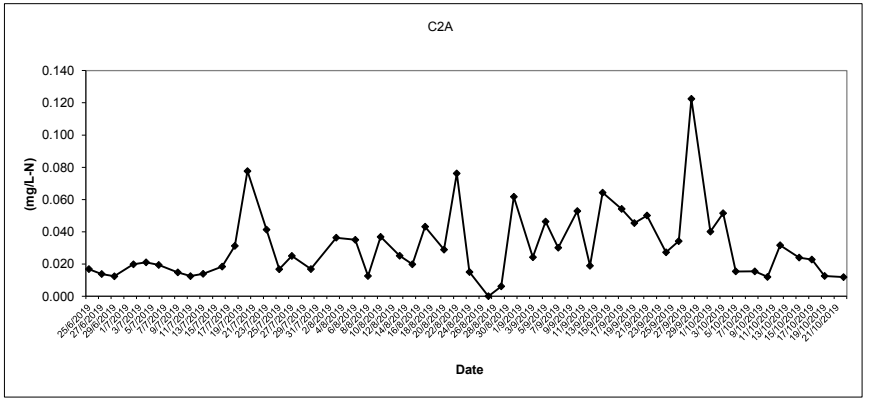


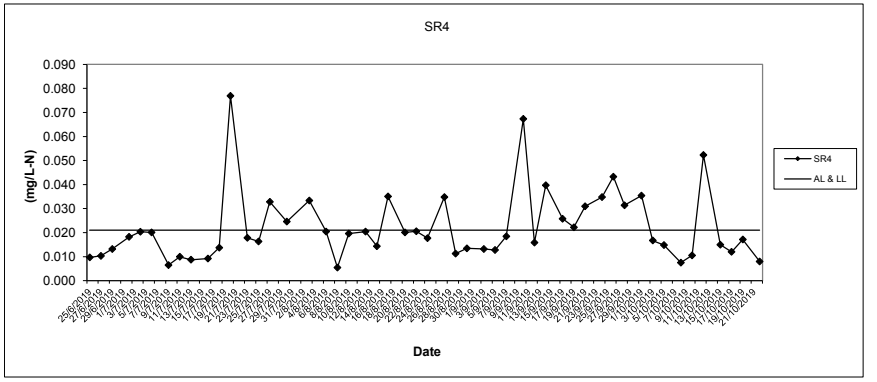
In-situ Ammonia (Depth average) at Mid-Ebb Tide



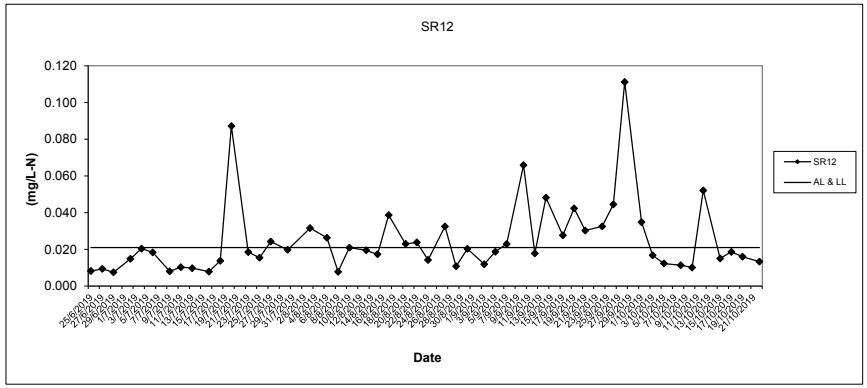
In-situ UIA (Depth average) at Mid-Ebb Tide



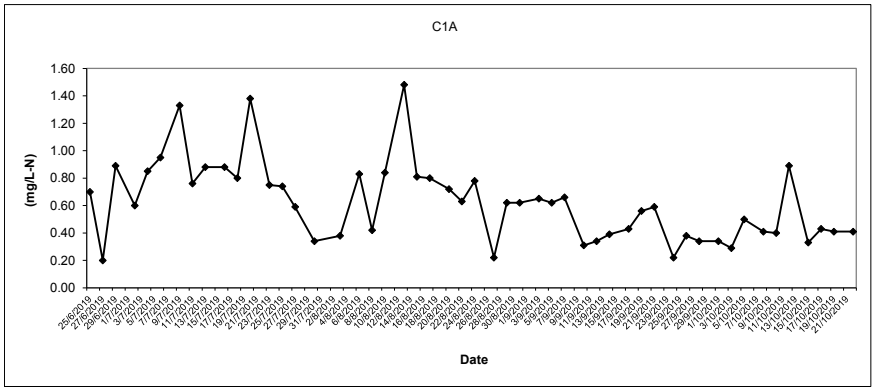


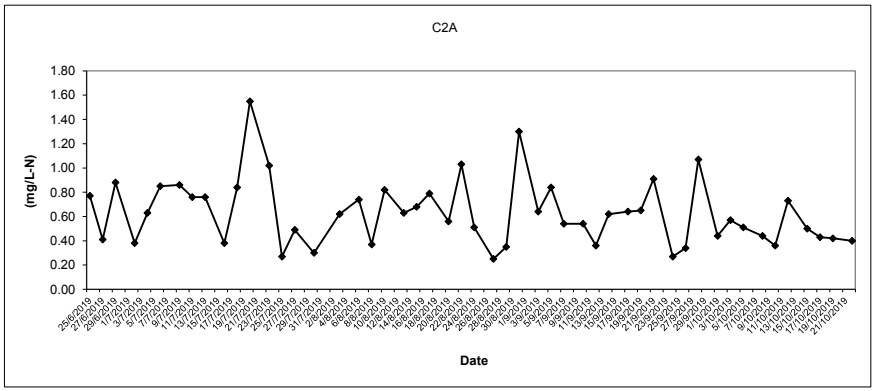


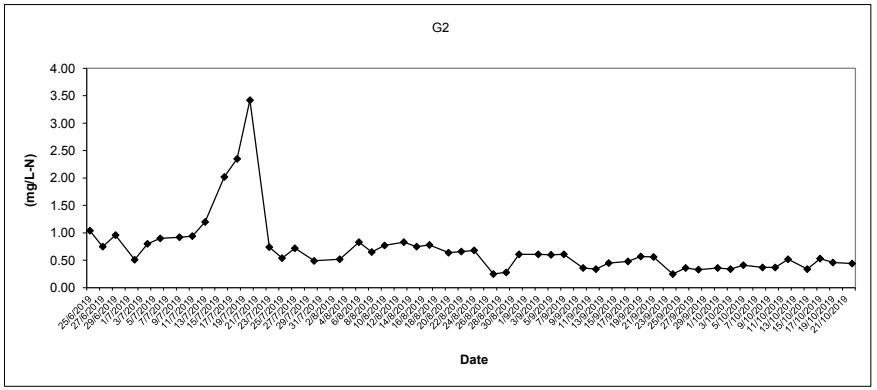
In-situ UIA (Depth average) at Mid-Ebb Tide



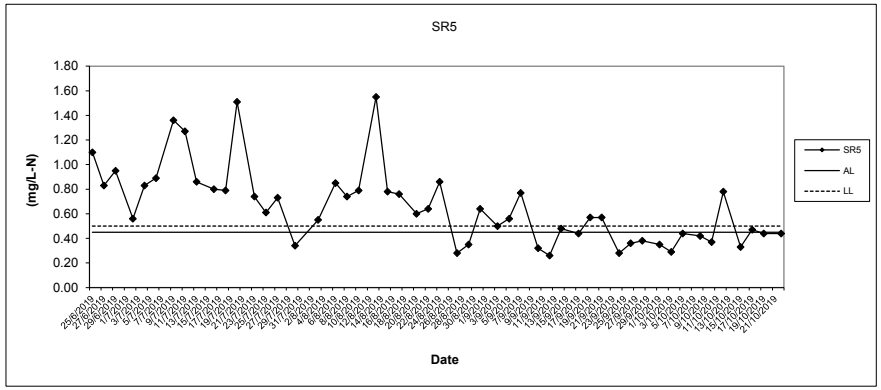
In-situ TIN (Depth average) at Mid-Ebb Tide



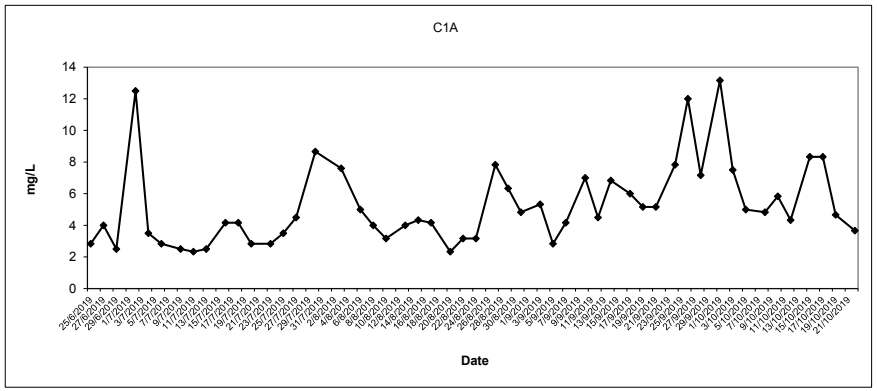


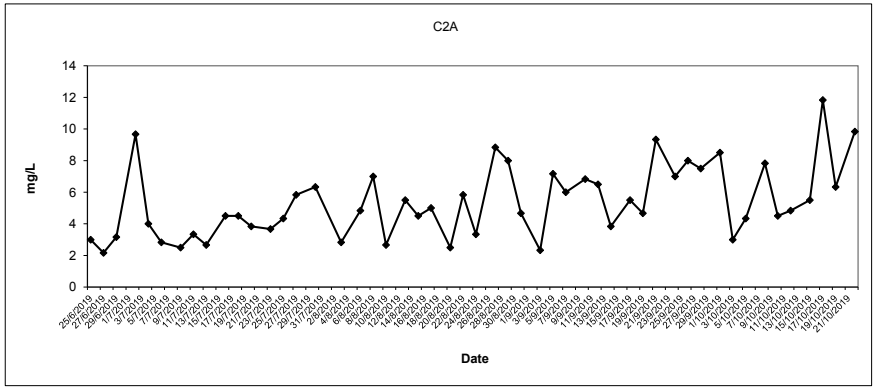


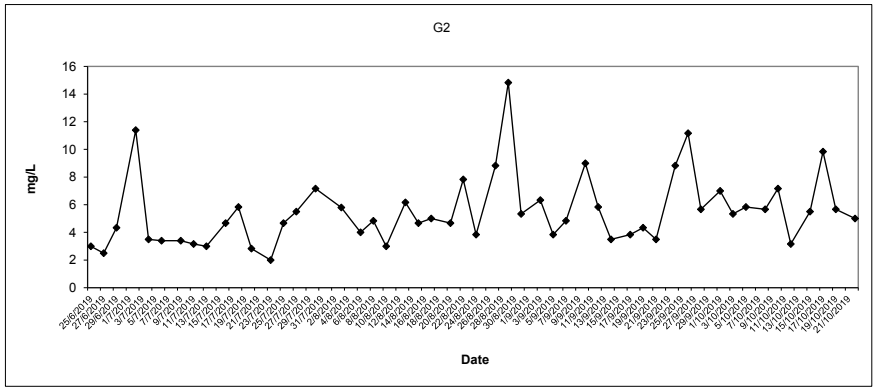
In-situ TIN (Depth average) at Mid-Ebb Tide



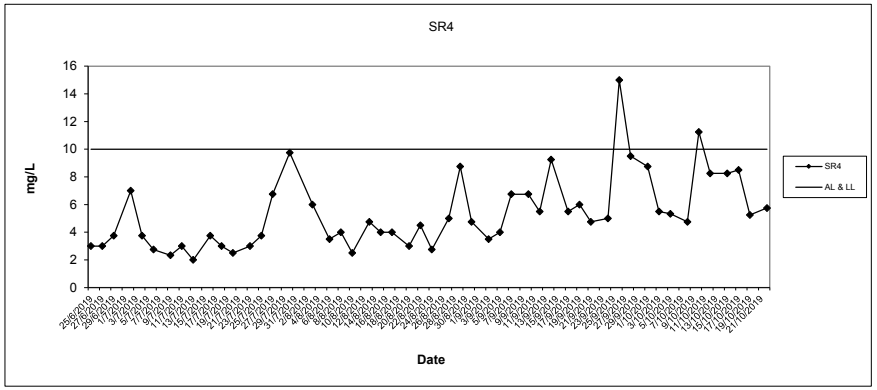
Total Suspended Solids (Depth average) at Mid-Ebb Tide

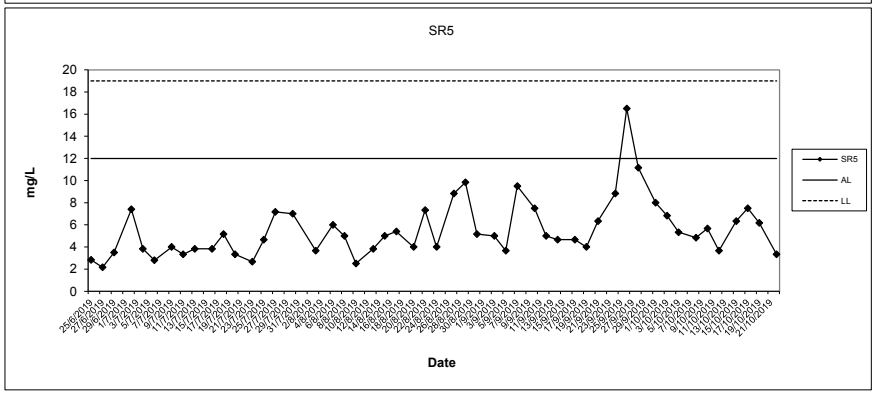


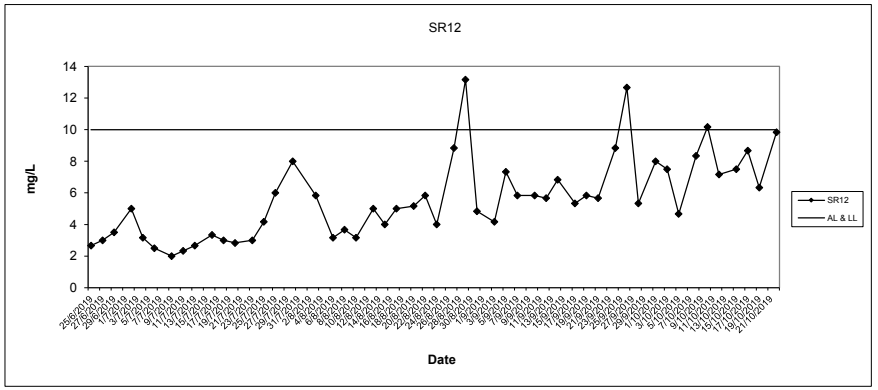




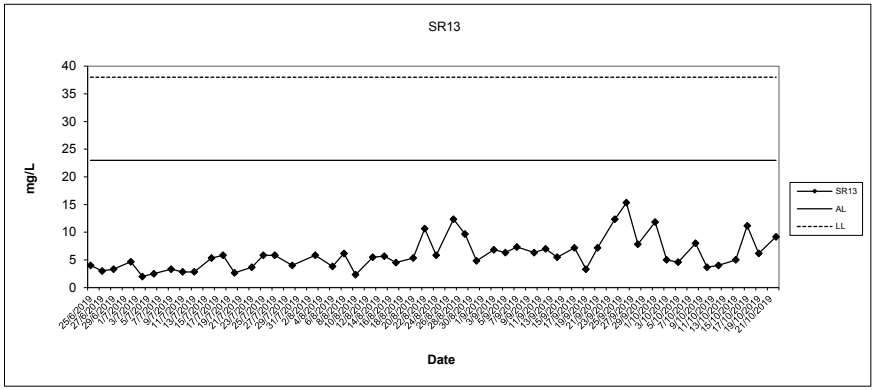
Total Suspended Solids (Depth average) at Mid-Ebb Tide





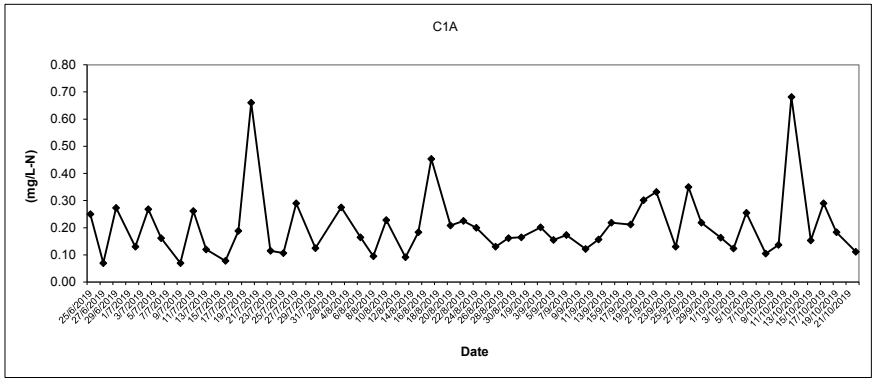


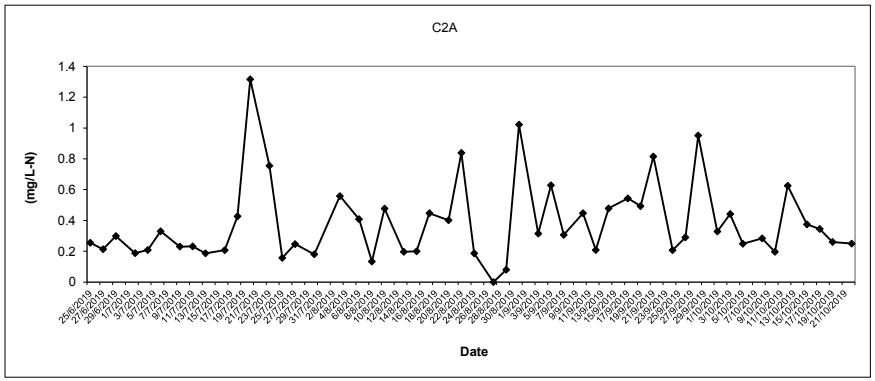
Total Suspended Solids (Depth average) at Mid-Ebb Tide

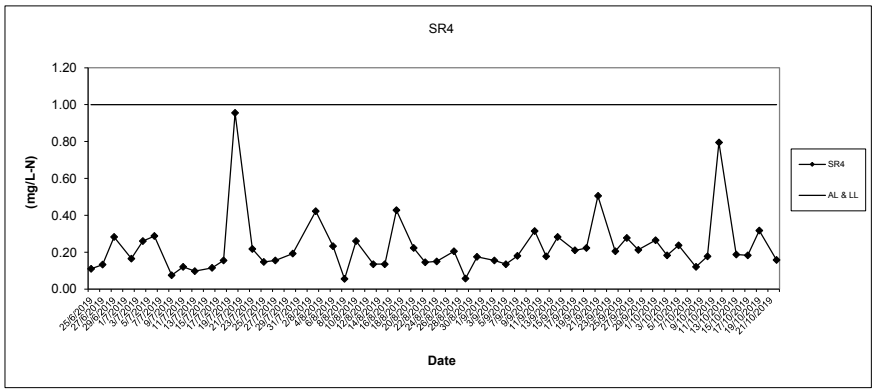


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

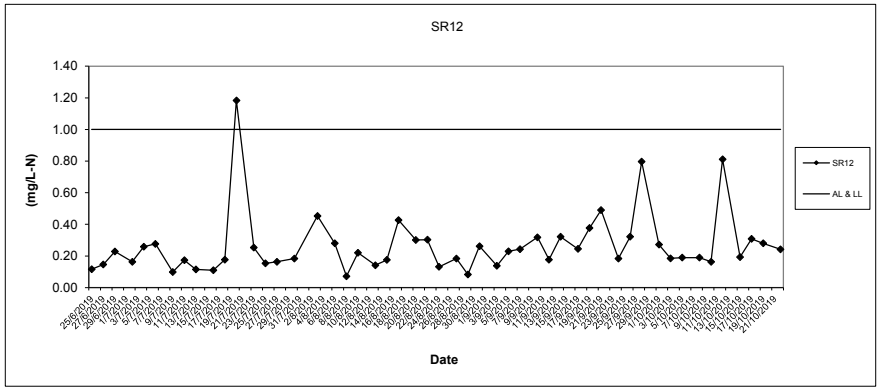
Ammonia Nitrogen (Depth average) at Mid-Ebb Tide



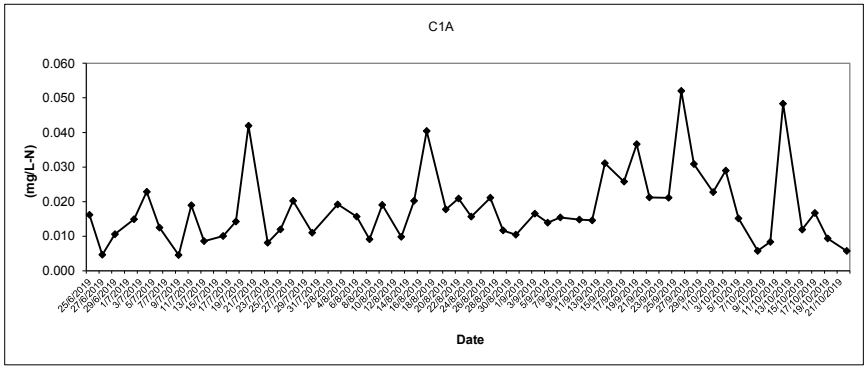


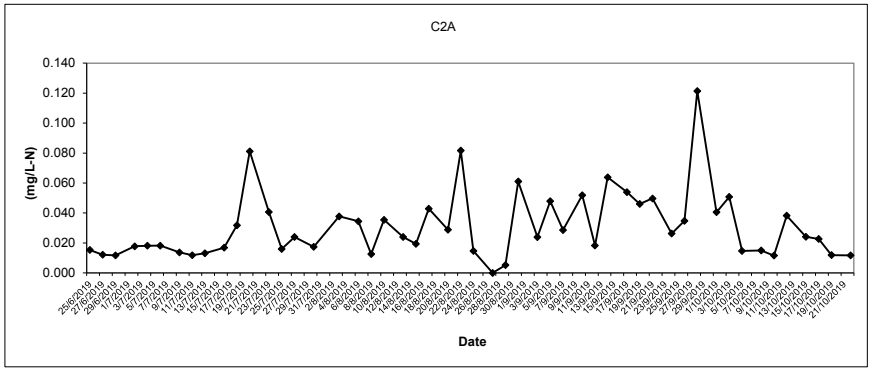


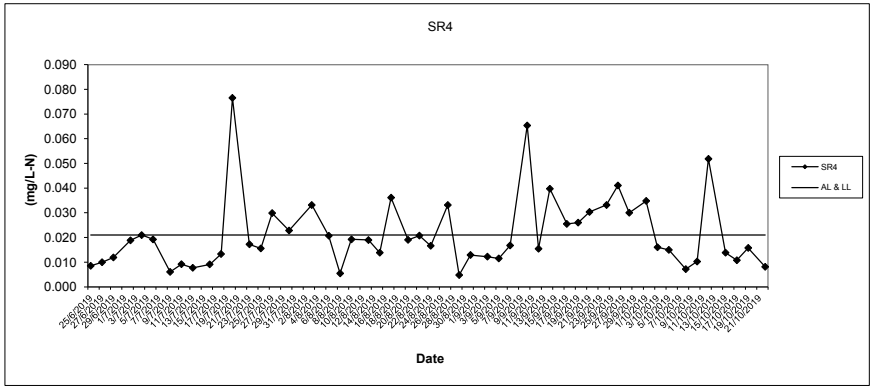
Ammonia Nitrogen (Depth average) at Mid-Ebb Tide



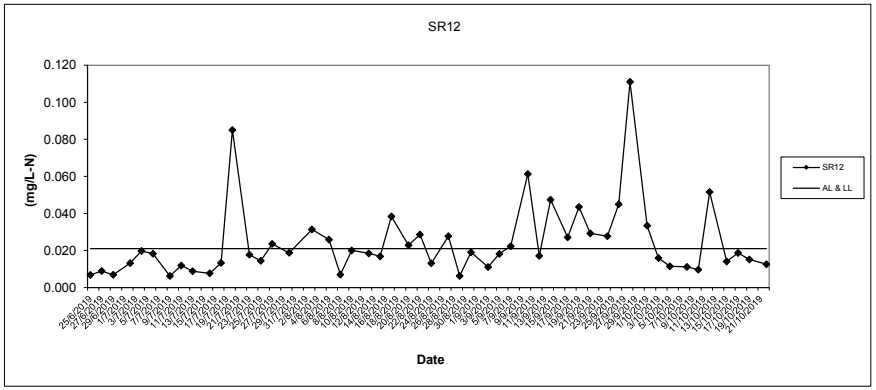
Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel





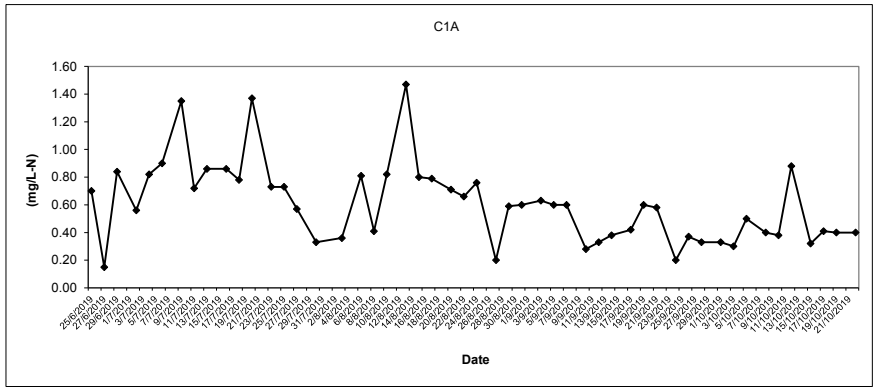


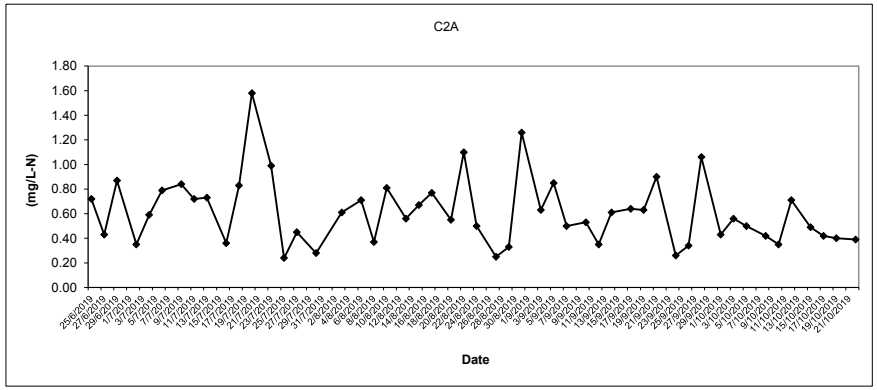
Laboratory Analysis UIA (Depth average) at Mid-Ebb Tide

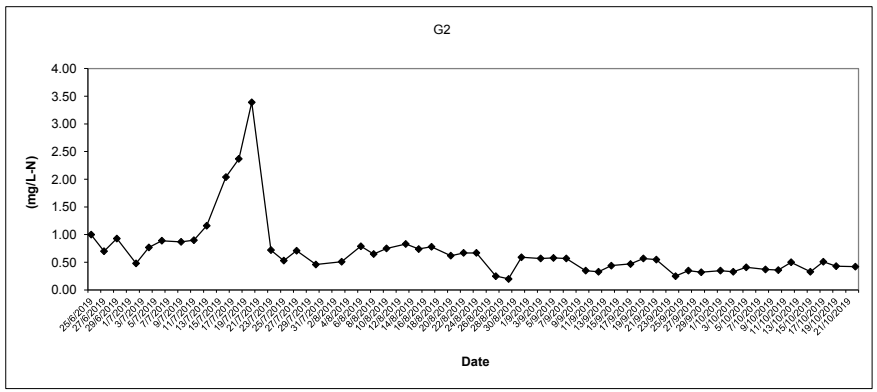


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

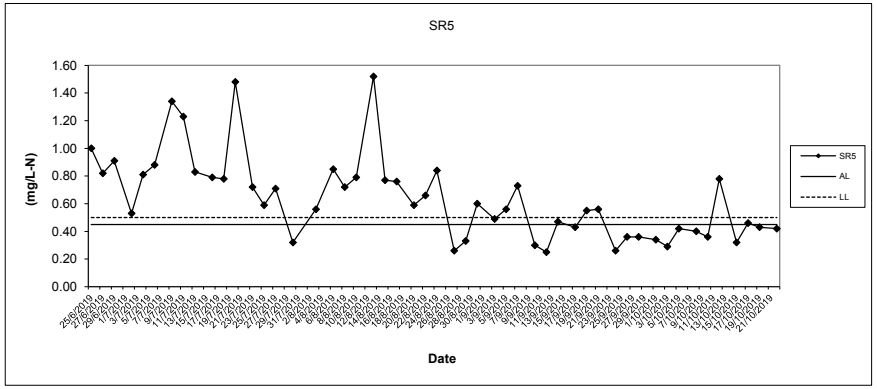
Laboratory Analysis TIN (Depth average) at Mid-Ebb Tide





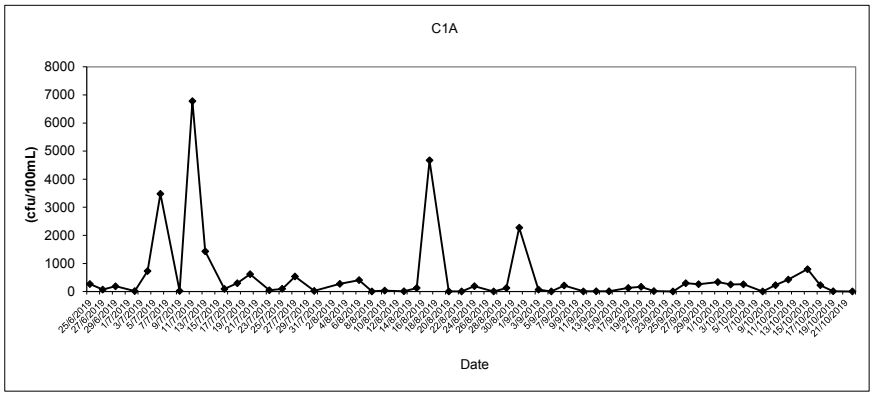


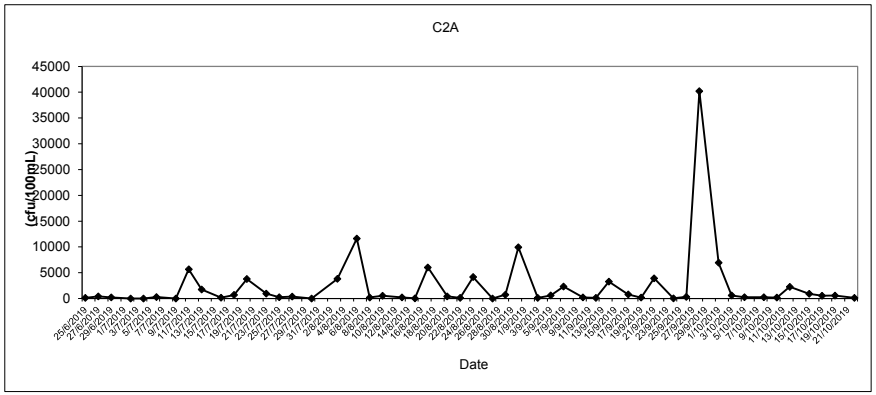
Laboratory Analysis TIN (Depth average) at Mid-Ebb Tide

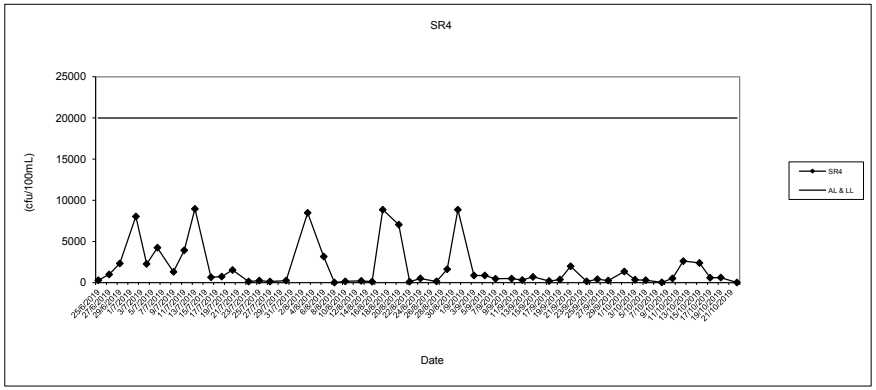


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

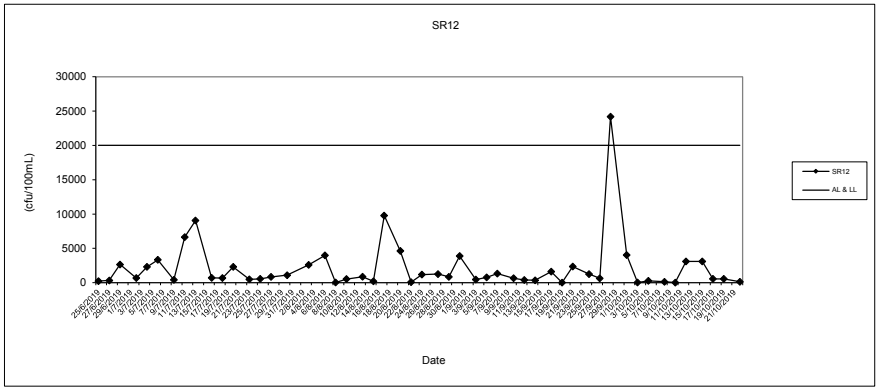
E.coli (Depth average) at Mid-Ebb Tide





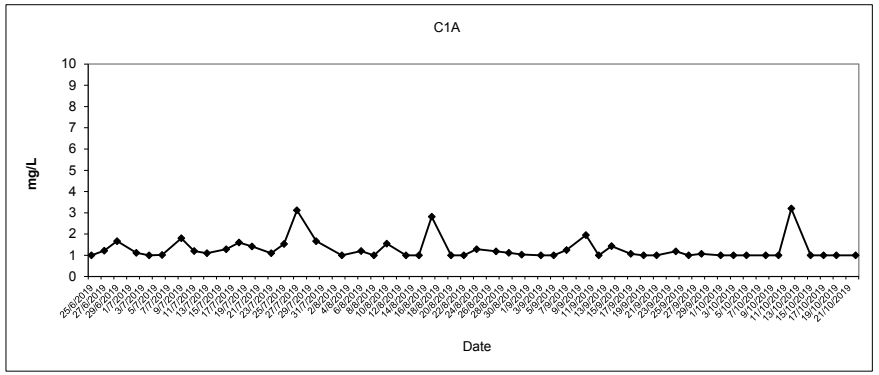


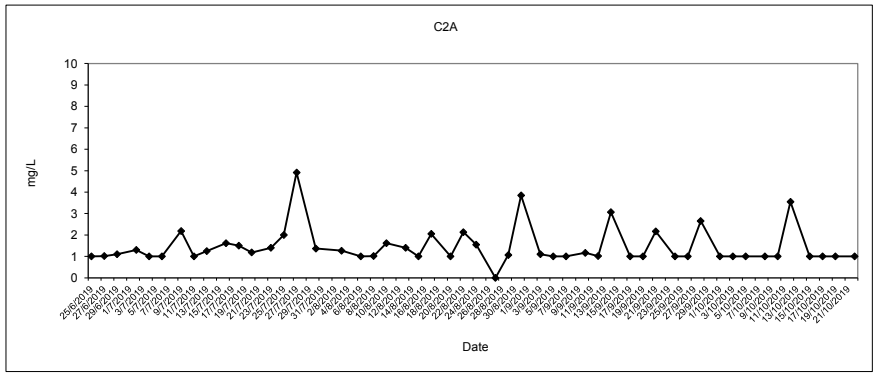
E.coli (Depth average) at Mid-Ebb Tide

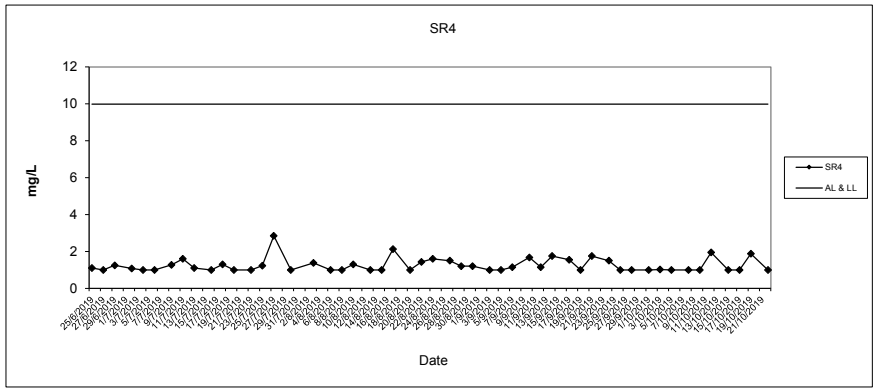


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

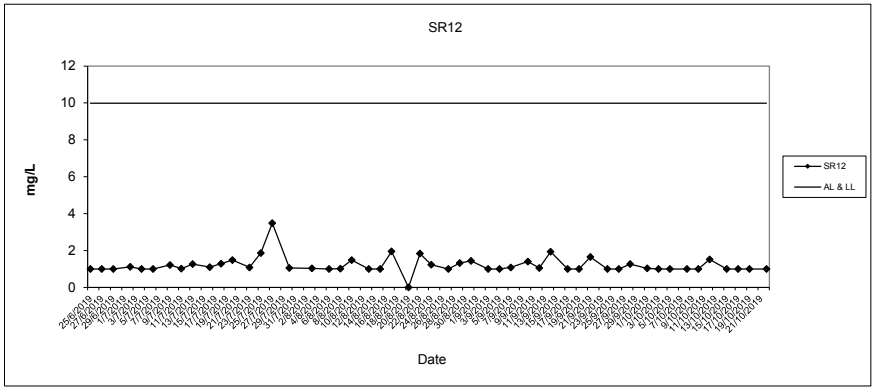
BOD_5 (Depth average) at Mid-Ebb Tide





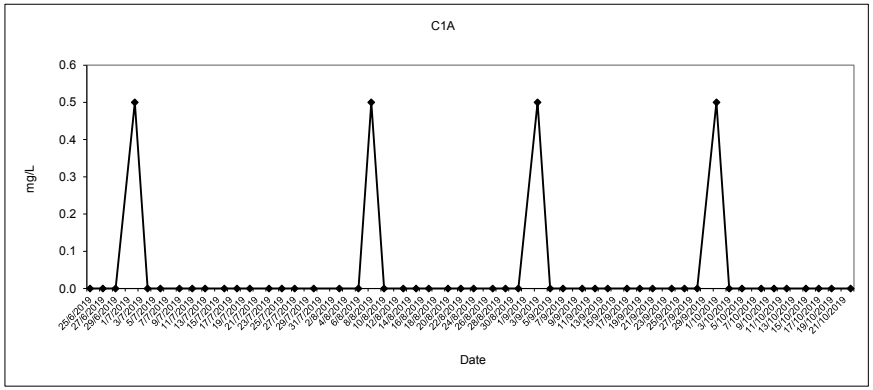


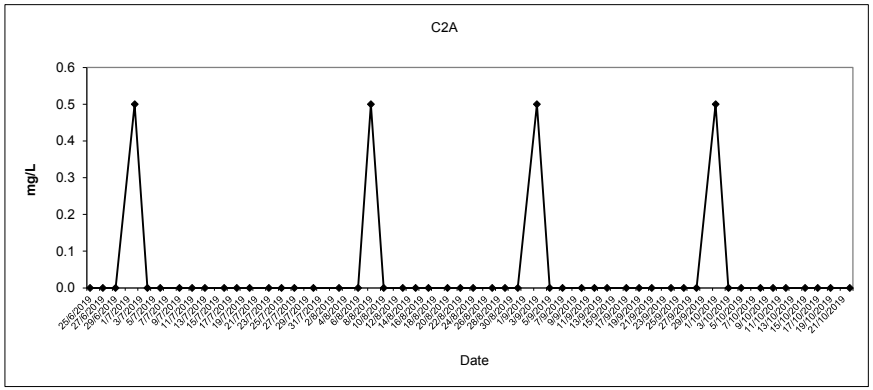
BOD_5 (Depth average) at Mid-Ebb Tide

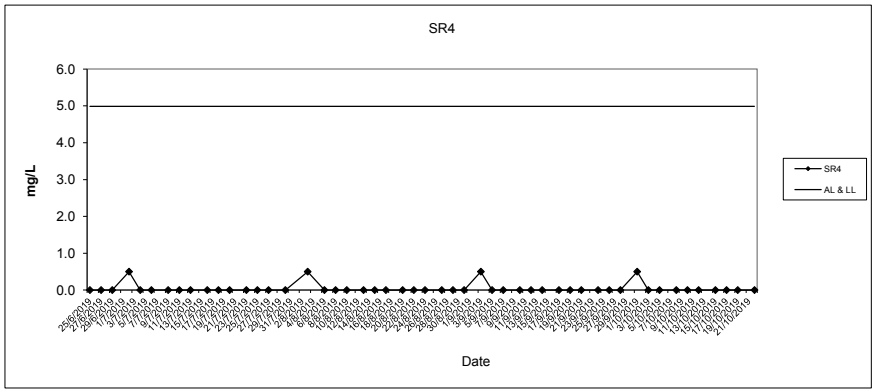


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

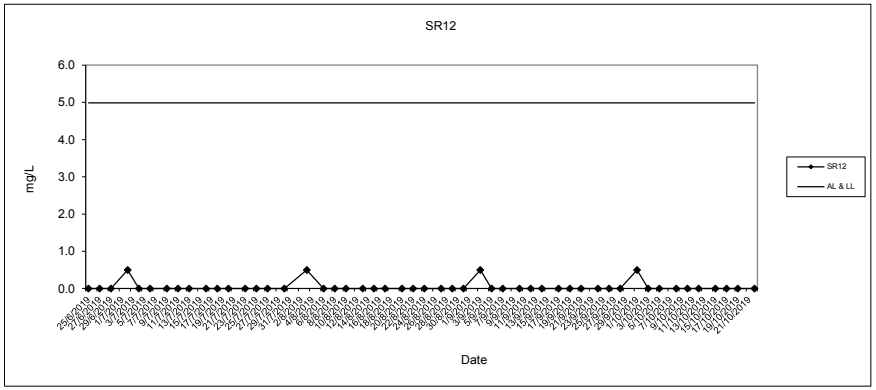
Synthetic Detergent (Depth average) at Mid-Ebb Tide







Synthetic Detergent (Depth average) at Mid-Ebb Tide



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

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Report No.: 0394/13/ED/0383

Appendix G

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

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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	9/23/2019 0:01	29.20	73.2	4.87	2.8	SR4	9/23/2019 6:01	29.09	68.0	4.48	2.0	SR4	9/23/2019 12:01	29.38	80.7	5.34	5.6	SR4	9/23/2019 18:01	29.17	75.1	5.04	3.6
SR4	9/23/2019 0:06	29.20	71.4	4.74	2.7	SR4	9/23/2019 6:06	29.09	71.9	4.78	9.6	SR4	9/23/2019 12:06	29.32	81.4	5.36	7.3	SR4	9/23/2019 18:06	29.20	75.3	5.05	3.6
SR4	9/23/2019 0:11	29.19	72.2	4.78	3.1	SR4	9/23/2019 6:11	29.10	71.6	4.79	2.7	SR4	9/23/2019 12:11	29.34	83.8	5.48	5.8	SR4	9/23/2019 18:11	29.13	79.1	5.18	2.5
SR4	9/23/2019 0:16	29.18	71.0	4.73	2.0	SR4	9/23/2019 6:16	29.10	71.6	4.78	2.2	SR4						SR4	9/23/2019 18:16	29.15	76.0	5.02	2.5
SR4	9/23/2019 0:21	29.19	75.9	4.99	3.1	SR4	9/23/2019 6:21	29.10	71.0	4.75	2.4	SR4						SR4	9/23/2019 18:21	29.03	70.3	4.60	1.9
SR4	9/23/2019 0:26	29.19	75.6	5.08	7.0	SR4	9/23/2019 6:26	29.11	68.8	4.52	2.4	SR4						SR4	9/23/2019 18:26	29.08	71.3	4.69	2.1
SR4	9/23/2019 0:31	29.19	74.4	4.96	3.1	SR4	9/23/2019 6:31	29.11	66.2	4.44	2.1	SR4						SR4	9/23/2019 18:31	29.07	68.9	4.55	1.6
SR4	9/23/2019 0:36	29.18	72.6	4.81	**10.5**	SR4	9/23/2019 6:36	29.11	65.8	4.30	7.1	SR4						SR4	9/23/2019 18:36	29.18	77.5	5.12	3.0
SR4	9/23/2019 0:41	29.19	71.1	4.69	2.4	SR4	9/23/2019 6:41	29.10	69.6	4.56	3.1	SR4						SR4	9/23/2019 18:41	29.16	76.0	5.10	2.1
SR4	9/23/2019 0:46	29.20	68.0	4.55	2.1	SR4	9/23/2019 6:46	29.11	68.3	4.55	2.7	SR4						SR4	9/23/2019 18:46	29.21	81.8	5.46	2.8
SR4	9/23/2019 0:51	29.20	70.1	4.68	2.5	SR4	9/23/2019 6:51	29.11	68.9	4.54	2.6	SR4						SR4	9/23/2019 18:51	29.19	80.9	5.44	3.0
SR4	9/23/2019 0:56	29.20	68.1	4.54	2.4	SR4	9/23/2019 6:56	29.12	66.2	4.34	4.9	SR4						SR4	9/23/2019 18:56	29.17	77.9	5.18	2.3
SR4	9/23/2019 1:01	29.21	69.8	4.67	3.2	SR4	9/23/2019 7:01	29.05	67.2	4.45	3.6	SR4						SR4	9/23/2019 19:01	29.04	77.7	5.11	2.2
SR4	9/23/2019 1:06	29.20	71.5	4.79	3.4	SR4	9/23/2019 7:06	29.02	66.5	4.40	2.5	SR4						SR4	9/23/2019 19:06	29.10	81.7	5.40	2.2
SR4	9/23/2019 1:11	29.20	71.1	4.74	2.6	SR4	9/23/2019 7:11	29.10	70.8	4.62	3.0	SR4						SR4	9/23/2019 19:11	29.03	78.5	5.17	2.4
SR4	9/23/2019 1:16	29.21	70.2	4.60	2.5	SR4	9/23/2019 7:16	29.03	69.4	4.54	4.0	SR4						SR4	9/23/2019 19:16	29.12	80.9	5.32	2.7
SR4	9/23/2019 1:21	29.20	70.0	4.61	4.2	SR4	9/23/2019 7:21	28.97	68.7	4.52	1.8	SR4						SR4	9/23/2019 19:21	29.15	78.0	5.17	2.2
SR4	9/23/2019 1:26	29.20	74.4	4.99	3.6	SR4	9/23/2019 7:26	29.00	73.3	4.87	5.4	SR4	9/23/2019 13:26	29.48	56.9	3.78	2.9	SR4	9/23/2019 19:26	29.16	76.2	5.03	1.6
SR4	9/23/2019 1:31	29.20	77.2	5.06	4.5	SR4	9/23/2019 7:31	28.83	63.6	4.24	1.4	SR4	9/23/2019 13:31	29.44	68.9	4.54	2.8	SR4	9/23/2019 19:31	29.16	72.1	4.80	1.5
SR4	9/23/2019 1:36	29.20	74.6	4.94	3.7	SR4	9/23/2019 7:36	28.87	58.7	3.89	1.5	SR4	9/23/2019 13:36	29.36	77.9	5.17	3.4	SR4	9/23/2019 19:36	29.17	72.1	4.84	1.6
SR4	9/23/2019 1:41	29.20	73.2	4.90	3.2	SR4	9/23/2019 7:41	29.01	68.8	4.50	2.4	SR4	9/23/2019 13:41	29.29	85.9	5.66	3.0	SR4	9/23/2019 19:41	29.16	71.6	4.70	1.2
SR4	9/23/2019 1:46	29.20	76.3	5.02	3.1	SR4	9/23/2019 7:46	29.00	67.5	4.43	2.3	SR4	9/23/2019 13:46	29.26	90.8	5.94	2.3	SR4	9/23/2019 19:46	29.17	73.3	4.86	1.4
SR4	9/23/2019 1:51	29.20	76.5	5.10	3.4	SR4	9/23/2019 7:51	29.06	71.6	4.72	3.7	SR4	9/23/2019 13:51	29.28	90.2	5.90	2.7	SR4	9/23/2019 19:51	29.12	72.2	4.76	1.2
SR4	9/23/2019 1:56	29.20	75.1	4.98	4.3	SR4	9/23/2019 7:56	29.06	73.6	4.87	4.5	SR4	9/23/2019 13:56	29.30	87.2	5.82	2.3	SR4	9/23/2019 19:56	28.99	72.5	4.87	1.6
SR4	9/23/2019 2:01	29.20	75.0	4.93	3.1	SR4	9/23/2019 8:01	29.08	71.7	4.80	3.2	SR4	9/23/2019 14:01	29.30	86.8	5.68	2.8	SR4	9/23/2019 20:01	29.13	81.2	5.39	1.9
SR4	9/23/2019 2:06	29.01	73.0	4.81	2.0	SR4	9/23/2019 8:06	29.08	68.6	4.57	3.0	SR4	9/23/2019 14:06	29.21	85.2	5.66	3.9	SR4	9/23/2019 20:06	29.14	82.3	5.51	1.9
SR4	9/23/2019 2:11	28.98	76.3	5.11	2.5	SR4	9/23/2019 8:11	29.08	70.4	4.60	2.2	SR4	9/23/2019 14:11	29.21	86.8	5.75	4.4	SR4	9/23/2019 20:11	29.14	79.7	5.26	1.6
SR4	9/23/2019 2:16	29.04	75.6	4.96	2.4	SR4	9/23/2019 8:16	29.04	63.4	4.21	2.7	SR4	9/23/2019 14:16	29.23	84.7	5.58	2.9	SR4	9/23/2019 20:16	29.15	76.9	5.17	1.9
SR4	9/23/2019 2:21	29.08	75.6	5.02	2.6	SR4	9/23/2019 8:21	29.04	66.3	4.42	3.1	SR4	9/23/2019 14:21	29.22	84.4	5.56	3.6	SR4	9/23/2019 20:21	29.16	76.7	5.03	1.4
SR4	9/23/2019 2:26	29.05	75.4	4.97	2.3	SR4	9/23/2019 8:26	29.07	68.3	4.48	3.4	SR4	9/23/2019 14:26	29.21	86.0	5.66	3.2	SR4	9/23/2019 20:26	29.15	76.4	5.10	1.5
SR4	9/23/2019 2:31	29.03	75.9	5.05	2.6	SR4	9/23/2019 8:31	29.09	69.0	4.56	3.0	SR4	9/23/2019 14:31	29.22	84.4	5.58	4.2	SR4	9/23/2019 20:31	29.15	77.6	5.18	1.5
SR4	9/23/2019 2:36	29.02	73.9	4.88	1.9	SR4	9/23/2019 8:36	29.11	65.6	4.33	2.2	SR4	9/23/2019 14:36	29.25	82.9	5.54	3.3	SR4	9/23/2019 20:36	29.15	76.5	5.08	1.0
SR4	9/23/2019 2:41	28.99	74.1	4.94	3.4	SR4	9/23/2019 8:41	29.12	69.0	4.62	2.8	SR4	9/23/2019 14:41	29.28	82.8	5.50	2.4	SR4	9/23/2019 20:41	29.13	74.9	5.03	1.2
SR4	9/23/2019 2:46	28.96	71.9	4.72	2.7	SR4	9/23/2019 8:46	29.19	75.0	4.90	4.8	SR4	9/23/2019 14:46	29.26	82.7	5.46	3.0	SR4	9/23/2019 20:46	29.06	80.2	5.30	1.6
SR4	9/23/2019 2:51	29.00	72.3	4.73	2.4	SR4	9/23/2019 8:51	29.12	72.9	4.80	3.5	SR4	9/23/2019 14:51	29.27	81.6	5.42	3.4	SR4	9/23/2019 20:51	29.06	78.8	5.29	2.5
SR4	9/23/2019 2:56	28.98	73.4	4.82	2.8	SR4	9/23/2019 8:56	29.13	70.9	4.74	3.0	SR4	9/23/2019 14:56	29.27	82.4	5.44	3.5	SR4	9/23/2019 20:56	29.07	79.4	5.29	1.6
SR4	9/23/2019 3:01	29.00	74.0	4.93	2.7	SR4	9/23/2019 9:01	29.15	74.0	4.85	5.3	SR4	9/23/2019 15:01	29.26	80.7	5.40	2.9	SR4	9/23/2019 21:01	29.14	75.7	5.09	1.6
SR4	9/23/2019 3:06	29.01	73.1	4.79	2.0	SR4	9/23/2019 9:06	29.15	67.4	4.42	1.7	SR4	9/23/2019 15:06	29.28	82.4	5.39	5.0	SR4	9/23/2019 21:06	29.17	77.5	5.06	1.9
SR4	9/23/2019 3:11	29.03	72.4	4.81	1.8	SR4	9/23/2019 9:11	29.20	73.3	4.81	1.7	SR4	9/23/2019 15:11	29.25	82.0	5.44	2.9	SR4	9/23/2019 21:11	29.17	78.8	5.20	2.4
SR4	9/23/2019 3:16	29.03	71.3	4.72	2.0	SR4	9/23/2019 9:16	29.20	70.1	4.62	4.3	SR4	9/23/2019 15:16	29.29	80.2	5.34	2.0	SR4	9/23/2019 21:16	29.17	77.7	5.20	2.9
SR4	9/23/2019 3:21	29.03	70.4	4.63	2.8	SR4	9/23/2019 9:21	29.15	66.8	4.42	4.1	SR4	9/23/2019 15:21	29.26	81.3	5.45	3.3	SR4	9/23/2019 21:21	29.17	79.0	5.21	8.1
SR4	9/23/2019 3:26	29.03	67.8	4.52	1.4	SR4	9/23/2019 9:26	29.11	64.5	4.27	2.5	SR4	9/23/2019 15:26	29.27	78.3	5.14	2.1	SR4	9/23/2019 21:26	29.17	79.8	5.35	2.1
SR4	9/23/2019 3:31	29.03	71.1	4.78	1.8	SR4	9/23/2019 9:31	29.21	76.0	5.09	4.0	SR4	9/23/2019 15:31	29.25	78.0	5.10	1.9	SR4	9/23/2019 21:31	29.18	78.7	5.16	2.0
SR4	9/23/2019 3:36	29.02	72.3	4.79	1.8	SR4	9/23/2019 9:36	29.23	74.9	4.99	2.6	SR4	9/23/2019 15:36	29.25	74.4	4.88	1.7	SR4	9/23/2019 21:36	29.18	78.0	5.16	2.0
SR4	9/23/2019 3:41	29.03	70.6	4.74	1.5	SR4	9/23/2019 9:41	29.24	75.1	5.02	6.1	SR4	9/23/2019 15:41	29.25	74.1	4.92	2.3	SR4	9/23/2019 21:41	29.18	77.1	5.18	2.4
SR4	9/23/2019 3:46	29.03	72.6	4.78	1.6	SR4	9/23/2019 9:46	29.26	74.0	4.84	3.4	SR4	9/23/2019 15:46	29.27	76.6	5.04	1.6	SR4	9/23/2019 21:46	29.18	77.4	5.06	2.2
SR4	9/23/2019 3:51	29.03	70.7	4.62	1.0	SR4	9/23/2019 9:51	29.24	72.2	4.73	6.4	SR4	9/23/2019 15:51	29.25	78.9	5.18	3.2	SR4	9/23/2019 21:51	29.18	76.0	5.05	1.7
SR4	9/23/2019 3:56	29.03	68.7	4.57	2.2	SR4	9/23/2019 9:56	29.25	82.6	5.44	6.3	SR4	9/23/2019 15:56	29.24	76.9	5.16	3.2	SR4	9/23/2019 21:56	29.18	76.0	5.04	1.8
SR4	9/23/2019 4:01	29.03	71.7	4.73	1.7	SR4	9/23/2019 10:01	29.25	79.3	5.20	6.9	SR4	9/23/2019 16:01	29.23	81.8	5.47	4.1	SR4	9/23/2019 22:01	29.18	80.2	5.24	2.1
SR4	9/23/2019 4:06	29.03	68.4	4.54	1.8	SR4	9/23/2019 10:06	29.26	72.8	4.87	4.0	SR4	9/23/2019 16:06	29.23	82.7	5.41	3.7	SR4	9/23/2019 22:06	29.18	78.7	5.14	1.7
SR4	9/23/2019 4:11	29.03	67.1	4.38	1.0	SR4	9/23/2019 10:11	29.28	68.4	4.56	3.7	SR4	9/23/2019 16:11	29.22	78.9	5.23	3.6	SR4	9/23/2019 22:11	29.16	78.0	5.10	1.3
SR4	9/23/2019 4:16	29.03	64.3	4.31	1.2	SR4	9/23/2019 10:16	29.32	66.3	4.43	3.0	SR4	9/23/2019 16:16	29.22	78.1	5.16	3.2	SR4	9/23/2019 22:16	29.12	75.8	4.98	1.6
SR4	9/23/2019 4:21	29.04	64.6	4.26	1.4	SR4	9/23/2019 10:21	29.34	70.2	4.70	3.0	SR4	9/23/2019 16:21	29.23	85.0	5.66	5.2	SR4	9/23/2019 22:21	29.14	77.4	5.10	1.7
SR4	9/23/2019 4:26	29.06	68.5	4.55	1.8	SR4	9/23/2019 10:26	29.36	71.3	4.73	2.6	SR4	9/23/2019 16:26	29.24	83.5	5.51	4.6	SR4	9/23/2019 22:26	29.16	79.2	5.32	2.4
SR4	9/23/2019 4:31	29.08	70.9	4.76	2.1	SR4	9/23/2019 10:31	29.35	70.3	4.72	5.9	SR4	9/23/2019 16:31	29.23	78.8	5.16	5.2	SR4	9/23/2019 22:31	29.11	74.4	4.92	2.9
SR4	9/23/2019 4:36	29.07	66.7	4.44	1.3	SR4	9/23/2019 10:36	29.36	73.3	4.81	5.1	SR4	9/23/2019 16:36	29.23	78.8	5.20	4.3	SR4	9/23/2019 22:36	29.12	78.8	5.17	1.7
SR4	9/23/2019 4:41	29.06	64.3	4.32	1.5	SR4	9/23/2019 10:41	29.41	71.9	4.73	4.0	SR4	9/23/2019 16:41	29.25	76.0	5.05	4.4	SR4	9/23/2019 22:41	29.09	74.1	4.92	1.0
SR4	9/23/2019 4:46	29.06	69.5	4.61	1.8	SR4	9/23/2019 10:46	29.47	74.6	4.92	3.1	SR4	9/23/2019 16:46	29.25	77.2	5.08	6.8	SR4	9/23/2019 22:46	29.06	72.0	4.72	1.2
SR4	9/23/2019 4:51	29.07	65.6	4.31	1.4	SR4	9/23/2019 10:51	29.55	75.2	4.93	2.2	SR4	9/23/2019 16:51	29.25	78.1	5.23	5.0	SR4	9/23/2019 22:51	29.03	70.6	4.73	1.8
SR4	9/23/2019 4:56	29.08	72.9	4.81	2.6	SR4	9/23/2019 10:56	29.45	72.0	4.72	4.8	SR4	9/23/2019 16:56	29.25	83.1	5.44	6.2	SR4	9/23/2019 22:56	29.05	72.9	4.76	1.4
SR4	9/23/2019 5:01	29.08	72.5	4.76	2.5	SR4	9/23/2019 11:01	29.51	76.6	5.06	7.2	SR4	9/23/2019 17:01	29.25	77.8	5.21	5.0	SR4	9/23/2019 23:01	28.97	76.8	5.02	1.8
SR4	9/23/2019 5:06	29.08	70.9	4.75	1.9	SR4	9/23/2019 11:06	29.50	74.7	4.94	4.3	SR4	9/23/2019 17:06	29.24	82.8	5.47	6.7	SR4	9/23/2019 23:06	29.11	71.7	4.75	2.2
SR4	9/23/2019 5:11	29.08	70.2	4.67	1.7	SR4	9/23/2019 11:11	29.42	78.1	5.24	5.0	SR4	9/23/2019 17:11	29.21	79.3	5.23	4.6	SR4	9/23/2019 23:11	29.00	65.7	4.37	2.0
SR4	9/23/2019 5:16	29.08	70.0	4.63	1.8	SR4	9/23/2019 11:16	29.48	74.2	4.97	4.5	SR4	9/23/2019 17:16	29.22	77.8	5.10	4.1	SR4	9/23/2019 23:16	29.16	72.6	4.84	2.3
SR4	9/23/2019 5:21	29.08	67.2	4.39	1.5	SR4	9/23/2019 11:21	29.38	80.8	5.28	3.9	SR4	9/23/2019 17:21	29.22	80.7	5.33	4.1	SR4	9/23/2019 23:21	29.17	76.2	5.06	2.1
SR4	9/23/2019 5:26	29.08	67.6	4.49	2.2	SR4	9/23/2019 11:26	29.34	80.2	5.26	7.1	SR4	9/23/2019 17:26	29.20	79.4	5.20	3.4	SR4	9/23/2019 23:26	29.15	77.6	5.12	2.7
SR4	9/23/2019 5:31	29.09	68.2	4.52	2.3	SR4	9/23/2019 11:31	29.34	76.3	5.12	5.0	SR4	9/23/2019 17:31	29.19	77.8	5.08	3.3	SR4	9/23/2019 23:31	29.14	73.7	4.91	2.0
SR4	9/23/2019 5:36	29.09	67.5	4.43	2.3	SR4	9/23/2019 11:36	29.38	73.7	4.82	4.1	SR4	9/23/2019 17:36	29.22	72.7	4.82	3.4	SR4	9/23/2019 23:36	29.10	72.9	4.76	1.6
SR4	9/23/2019 5:41	29.09	66.3	4.42	1.9	SR4	9/23/2019 11:41	29.53	58.4	3.89	3.6	SR4	9/23/2019 17:41	29.23	75.0	5.00	5.0	SR4	9/23/2019 23:41	29.15	79.3	5.20	2.3
SR4	9/23/2019 5:46	29.09	65.3	4.26	1.5	SR4	9/23/2019 11:46	29.50	65.2	4.37	5.9	SR4	9/23/2019 17:46	29.26	75.1	4.99	5.4	SR4	9/23/2019 23:46	29.15	80.6	5.27	2.3
SR4	9/23/2019 5:51	29.09	66.7	4.40	2.1	SR4	9/23/2019 11:51	29.36	77.6	5.17	5.2	SR4	9/23/2019 17:51	29.17	74.1	4.85	3.8	SR4	9/23/2019 23:51	29.15	79.6	5.26	2.3
SR4	9/23/2019 5:56	29.09	71.0	4.73	3.0	SR4	9/23/2019 11:56	29.37	82.6	5.41	6.1	SR4	9/23/2019 17:56	29.22	71.4	4.78	3.2	SR4	9/23/2019 23:56	29.13	81.5	5.39	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)
SR5	9/23/2019 0:00	29.18	78.8	5.47	4.4	SR5	9/23/2019 6:00	28.86	75.5	5.26	4.6	SR5	9/23/2019 12:00	28.68	84.5	5.84	6.6	SR5	9/23/2019 18:00	29.11	86.7	6.04	5.9
SR5	9/23/2019 0:05	29.20	77.8	5.41	4.1	SR5	9/23/2019 6:05	28.81	77.4	5.40	4.6	SR5	9/23/2019 12:05	28.64	84.9	5.89	6.5	SR5	9/23/2019 18:05	29.11	86.6	6.00	5.9
SR5	9/23/2019 0:10	29.23	77.5	5.39	3.8	SR5	9/23/2019 6:10	28.83	77.0	5.40	4.6	SR5	9/23/2019 12:10	28.60	85.2	5.89	6.4	SR5	9/23/2019 18:10	29.11	87.8	6.01	5.7
SR5	9/23/2019 0:15	29.21	76.2	5.31	3.9	SR5	9/23/2019 6:15	28.85	77.0	5.39	4.9	SR5	9/23/2019 12:15	28.58	78.5	5.43	6.2	SR5	9/23/2019 18:15	29.12	86.2	5.96	5.3
SR5	9/23/2019 0:20	29.16	78.0	5.39	4.0	SR5	9/23/2019 6:20	28.83	76.5	5.37	5.1	SR5	9/23/2019 12:20	28.55	77.1	5.50	6.3	SR5	9/23/2019 18:20	29.11	82.8	5.69	4.9
SR5	9/23/2019 0:25	29.25	77.2	5.39	4.0	SR5	9/23/2019 6:25	28.88	78.7	5.58	4.9	SR5	9/23/2019 12:25	28.54	80.3	5.71	6.1	SR5	9/23/2019 18:25	29.12	83.0	5.74	5.0
SR5	9/23/2019 0:30	29.21	76.0	5.36	4.0	SR5	9/23/2019 6:30	28.94	78.2	5.61	4.9	SR5	9/23/2019 12:30	28.52	78.3	5.52	6.0	SR5	9/23/2019 18:30	29.13	82.6	5.73	4.9
SR5	9/23/2019 0:35	29.25	74.5	5.29	4.2	SR5	9/23/2019 6:35	28.83	78.4	5.60	4.9	SR5	9/23/2019 12:35	28.51	76.9	5.48	5.9	SR5	9/23/2019 18:35	29.13	86.8	5.98	4.8
SR5	9/23/2019 0:40	29.25	74.8	5.29	4.0	SR5	9/23/2019 6:40	28.99	79.5	5.64	4.9	SR5	9/23/2019 12:40	28.51	80.2	5.67	5.7	SR5	9/23/2019 18:40	29.13	86.5	6.01	4.6
SR5	9/23/2019 0:45	29.26	74.5	5.30	3.9	SR5	9/23/2019 6:45	28.81	78.4	5.57	5.4	SR5	9/23/2019 12:45	28.51	77.6	5.41	5.6	SR5	9/23/2019 18:45	29.13	88.9	6.18	4.6
SR5	9/23/2019 0:50	29.27	77.4	5.51	3.5	SR5	9/23/2019 6:50	28.93	78.4	5.59	5.9	SR5	9/23/2019 12:50	28.51	80.8	5.64	5.4	SR5	9/23/2019 18:50	29.13	87.3	6.07	4.3
SR5	9/23/2019 0:55	29.27	76.9	5.50	3.6	SR5	9/23/2019 6:55	28.93	77.5	5.48	6.0	SR5	9/23/2019 12:55	28.52	81.1	5.65	5.8	SR5	9/23/2019 18:55	29.13	85.3	5.88	4.3
SR5	9/23/2019 1:00	29.28	75.0	5.24	3.9	SR5	9/23/2019 7:00	28.82	77.5	5.53	5.9	SR5	9/23/2019 13:00	28.56	82.5	5.72	5.7	SR5	9/23/2019 19:00	29.11	84.6	5.81	4.2
SR5	9/23/2019 1:05	29.29	76.0	5.29	4.0	SR5	9/23/2019 7:05	28.70	77.0	5.46	6.3	SR5	9/23/2019 13:05	28.55	82.2	5.66	5.9	SR5	9/23/2019 19:05	29.12	86.9	5.98	4.2
SR5	9/23/2019 1:10	29.28	76.1	5.30	3.8	SR5	9/23/2019 7:10	28.68	78.3	5.51	6.4	SR5	9/23/2019 13:10	28.57	80.5	5.61	6.1	SR5	9/23/2019 19:10	29.11	84.3	5.82	4.2
SR5	9/23/2019 1:15	29.29	75.2	5.18	4.0	SR5	9/23/2019 7:15	28.73	78.7	5.54	6.5	SR5	9/23/2019 13:15	28.60	70.9	**4.92**	6.1	SR5	9/23/2019 19:15	29.12	84.2	5.77	4.1
SR5	9/23/2019 1:20	29.28	76.1	5.30	4.2	SR5	9/23/2019 7:20	28.58	78.8	5.55	6.4	SR5	9/23/2019 13:20	28.61	69.7	**4.86**	6.2	SR5	9/23/2019 19:20	29.12	82.8	5.74	4.2
SR5	9/23/2019 1:25	29.29	78.1	5.43	4.2	SR5	9/23/2019 7:25	28.51	80.2	5.66	6.7	SR5	9/23/2019 13:25	28.61	70.1	**4.90**	6.3	SR5	9/23/2019 19:25	29.13	81.8	5.66	3.9
SR5	9/23/2019 1:30	29.29	78.8	5.44	4.3	SR5	9/23/2019 7:30	28.57	77.4	5.53	6.6	SR5	9/23/2019 13:30	28.61	75.9	5.23	6.8	SR5	9/23/2019 19:30	29.13	80.1	5.55	4.0
SR5	9/23/2019 1:35	29.28	77.4	5.39	4.3	SR5	9/23/2019 7:35	28.50	76.1	5.42	6.8	SR5	9/23/2019 13:35	28.62	80.7	5.57	6.8	SR5	9/23/2019 19:35	29.13	81.4	5.68	3.8
SR5	9/23/2019 1:40	29.28	76.7	5.36	4.2	SR5	9/23/2019 7:40	28.48	79.2	5.59	7.0	SR5	9/23/2019 13:40	28.62	84.8	5.81	6.9	SR5	9/23/2019 19:40	29.13	81.0	5.59	3.9
SR5	9/23/2019 1:45	29.22	78.7	5.45	3.9	SR5	9/23/2019 7:45	28.53	78.6	5.59	6.9	SR5	9/23/2019 13:45	28.66	87.3	5.99	6.9	SR5	9/23/2019 19:45	29.08	82.1	5.67	4.6
SR5	9/23/2019 1:50	29.29	79.1	5.51	4.0	SR5	9/23/2019 7:50	28.30	76.8	5.32	7.0	SR5	9/23/2019 13:50	28.64	86.9	5.95	6.9	SR5	9/23/2019 19:50	29.00	81.3	5.64	4.7
SR5	9/23/2019 1:55	29.29	78.7	5.45	4.0	SR5	9/23/2019 7:55	28.32	78.0	5.39	7.1	SR5	9/23/2019 13:55	28.64	85.8	5.92	7.1	SR5	9/23/2019 19:55	28.99	81.2	5.66	4.8
SR5	9/23/2019 2:00	29.29	78.6	5.42	4.0	SR5	9/23/2019 8:00	28.32	77.2	5.41	7.0	SR5	9/23/2019 14:00	28.71	86.7	5.96	7.1	SR5	9/23/2019 20:00	29.00	85.5	5.90	4.7
SR5	9/23/2019 2:05	29.26	77.4	5.35	3.7	SR5	9/23/2019 8:05	28.23	75.8	5.30	7.0	SR5	9/23/2019 14:05	28.69	87.3	6.03	7.0	SR5	9/23/2019 20:05	28.99	85.5	5.96	4.8
SR5	9/23/2019 2:10	29.28	78.9	5.50	3.7	SR5	9/23/2019 8:10	28.19	77.0	5.31	7.2	SR5	9/23/2019 14:10	28.77	88.6	6.13	6.8	SR5	9/23/2019 20:10	28.95	84.5	5.82	5.3
SR5	9/23/2019 2:15	29.29	78.4	5.39	3.7	SR5	9/23/2019 8:15	28.29	73.7	5.16	7.4	SR5	9/23/2019 14:15	28.72	88.1	6.08	6.7	SR5	9/23/2019 20:15	29.04	83.1	5.77	5.7
SR5	9/23/2019 2:20	29.28	78.4	5.46	3.7	SR5	9/23/2019 8:20	28.12	75.2	5.26	7.5	SR5	9/23/2019 14:20	28.76	88.1	6.08	6.4	SR5	9/23/2019 20:20	29.00	83.4	5.75	5.5
SR5	9/23/2019 2:25	29.28	78.6	5.42	3.7	SR5	9/23/2019 8:25	28.16	76.3	5.26	7.7	SR5	9/23/2019 14:25	28.91	89.5	6.13	6.4	SR5	9/23/2019 20:25	28.88	83.5	5.80	5.4
SR5	9/23/2019 2:30	29.27	78.9	5.48	3.6	SR5	9/23/2019 8:30	28.22	77.0	5.34	7.6	SR5	9/23/2019 14:30	28.91	89.0	6.11	6.4	SR5	9/23/2019 20:30	28.99	84.6	5.89	5.2
SR5	9/23/2019 2:35	29.28	77.8	5.37	3.6	SR5	9/23/2019 8:35	28.21	75.5	5.27	7.4	SR5	9/23/2019 14:35	28.94	88.7	6.13	6.3	SR5	9/23/2019 20:35	29.03	84.1	5.85	4.9
SR5	9/23/2019 2:40	29.28	77.7	5.40	3.7	SR5	9/23/2019 8:40	28.22	77.3	5.39	7.5	SR5	9/23/2019 14:40	28.93	87.9	6.08	6.3	SR5	9/23/2019 20:40	29.02	84.3	5.86	4.8
SR5	9/23/2019 2:45	29.28	76.5	5.30	3.7	SR5	9/23/2019 8:45	28.41	80.6	5.57	7.5	SR5	9/23/2019 14:45	28.94	89.6	6.19	6.2	SR5	9/23/2019 20:45	29.03	87.1	6.02	4.5
SR5	9/23/2019 2:50	29.27	76.6	5.30	3.7	SR5	9/23/2019 8:50	28.38	79.9	5.54	7.1	SR5	9/23/2019 14:50	28.94	90.2	6.25	6.1	SR5	9/23/2019 20:50	29.01	86.2	6.02	4.4
SR5	9/23/2019 2:55	29.26	77.0	5.34	3.8	SR5	9/23/2019 8:55	28.40	78.9	5.52	7.0	SR5	9/23/2019 14:55	28.96	90.9	6.23	5.8	SR5	9/23/2019 20:55	29.02	86.4	5.97	4.3
SR5	9/23/2019 3:00	29.26	77.7	5.42	3.6	SR5	9/23/2019 9:00	28.47	80.5	5.54	6.9	SR5	9/23/2019 15:00	28.96	91.6	6.36	5.9	SR5	9/23/2019 21:00	29.03	83.9	5.86	4.3
SR5	9/23/2019 3:05	28.87	77.2	5.33	3.9	SR5	9/23/2019 9:05	28.48	77.4	5.39	7.0	SR5	9/23/2019 15:05	28.96	92.0	6.29	5.8	SR5	9/23/2019 21:05	29.01	85.5	5.90	4.0
SR5	9/23/2019 3:10	29.02	76.7	5.31	4.1	SR5	9/23/2019 9:10	28.47	80.7	5.56	6.9	SR5	9/23/2019 15:10	28.98	92.0	6.36	5.8	SR5	9/23/2019 21:10	28.87	86.6	6.00	3.9
SR5	9/23/2019 3:15	29.00	76.3	5.31	4.2	SR5	9/23/2019 9:15	28.47	79.0	5.46	6.8	SR5	9/23/2019 15:15	28.99	90.3	6.22	5.6	SR5	9/23/2019 21:15	28.93	86.0	5.97	4.0
SR5	9/23/2019 3:20	29.21	76.0	5.28	4.2	SR5	9/23/2019 9:20	28.46	77.9	5.40	6.6	SR5	9/23/2019 15:20	29.00	90.7	6.27	5.6	SR5	9/23/2019 21:20	28.85	86.9	6.02	4.0
SR5	9/23/2019 3:25	29.20	74.5	5.18	4.2	SR5	9/23/2019 9:25	28.51	77.2	5.39	6.5	SR5	9/23/2019 15:25	28.97	89.9	6.15	5.5	SR5	9/23/2019 21:25	28.95	87.3	6.10	4.0
SR5	9/23/2019 3:30	29.25	76.0	5.29	4.2	SR5	9/23/2019 9:30	28.53	83.1	5.82	6.6	SR5	9/23/2019 15:30	29.00	89.4	6.11	5.6	SR5	9/23/2019 21:30	28.93	86.1	5.94	4.0
SR5	9/23/2019 3:35	29.27	76.8	5.31	4.1	SR5	9/23/2019 9:35	28.50	82.5	5.76	6.5	SR5	9/23/2019 15:35	29.00	87.1	5.97	5.4	SR5	9/23/2019 21:35	28.90	86.0	5.97	4.2
SR5	9/23/2019 3:40	28.98	75.9	5.32	4.1	SR5	9/23/2019 9:40	28.49	82.5	5.78	6.6	SR5	9/23/2019 15:40	29.00	86.8	6.03	5.3	SR5	9/23/2019 21:40	28.91	85.2	5.93	4.4
SR5	9/23/2019 3:45	29.00	77.2	5.34	4.1	SR5	9/23/2019 9:45	28.48	81.1	5.60	6.4	SR5	9/23/2019 15:45	29.01	88.6	6.10	5.4	SR5	9/23/2019 21:45	29.02	85.3	5.86	4.5
SR5	9/23/2019 3:50	28.85	75.9	5.23	4.3	SR5	9/23/2019 9:50	28.52	79.5	5.51	6.4	SR5	9/23/2019 15:50	29.03	90.4	6.23	5.6	SR5	9/23/2019 21:50	28.98	84.5	5.84	4.6
SR5	9/23/2019 3:55	28.82	75.0	5.25	4.8	SR5	9/23/2019 9:55	28.54	84.4	5.85	6.5	SR5	9/23/2019 15:55	29.04	88.6	6.18	5.5	SR5	9/23/2019 21:55	29.00	84.3	5.86	4.7
SR5	9/23/2019 4:00	28.87	76.2	5.31	5.5	SR5	9/23/2019 10:00	28.49	82.7	5.71	6.4	SR5	9/23/2019 16:00	29.04	91.0	6.28	5.6	SR5	9/23/2019 22:00	28.95	86.3	5.96	4.9
SR5	9/23/2019 4:05	28.82	77.4	5.51	5.5	SR5	9/23/2019 10:05	28.64	79.0	5.51	6.7	SR5	9/23/2019 16:05	29.05	91.1	6.24	5.5	SR5	9/23/2019 22:05	28.97	85.6	5.89	4.7
SR5	9/23/2019 4:10	28.87	77.2	5.43	5.4	SR5	9/23/2019 10:10	28.67	77.4	5.38	6.9	SR5	9/23/2019 16:10	29.07	88.9	6.13	5.4	SR5	9/23/2019 22:10	28.96	85.3	5.86	4.3
SR5	9/23/2019 4:15	28.85	76.3	5.42	5.1	SR5	9/23/2019 10:15	28.62	76.7	5.36	7.1	SR5	9/23/2019 16:15	29.06	87.8	6.07	5.3	SR5	9/23/2019 22:15	28.98	84.2	5.80	4.0
SR5	9/23/2019 4:20	28.87	76.6	5.49	4.7	SR5	9/23/2019 10:20	28.69	79.1	5.54	7.0	SR5	9/23/2019 16:20	29.06	90.8	6.25	5.4	SR5	9/23/2019 22:20	29.00	84.8	5.85	3.7
SR5	9/23/2019 4:25	28.88	77.7	5.52	4.8	SR5	9/23/2019 10:25	28.67	79.7	5.56	7.2	SR5	9/23/2019 16:25	29.07	89.7	6.19	5.7	SR5	9/23/2019 22:25	29.02	85.8	6.01	3.6
SR5	9/23/2019 4:30	28.87	78.0	5.54	4.7	SR5	9/23/2019 10:30	28.70	79.2	5.55	7.2	SR5	9/23/2019 16:30	29.08	87.8	6.02	5.4	SR5	9/23/2019 22:30	29.04	83.3	5.78	3.5
SR5	9/23/2019 4:35	28.86	77.0	5.47	5.0	SR5	9/23/2019 10:35	28.69	80.6	5.56	7.3	SR5	9/23/2019 16:35	29.08	87.4	6.02	5.2	SR5	9/23/2019 22:35	29.00	85.2	5.89	3.5
SR5	9/23/2019 4:40	28.86	75.9	5.40	5.4	SR5	9/23/2019 10:40	28.71	80.7	5.58	7.2	SR5	9/23/2019 16:40	29.08	85.6	5.91	5.2	SR5	9/23/2019 22:40	29.03	82.9	5.75	3.6
SR5	9/23/2019 4:45	28.82	77.4	5.51	5.7	SR5	9/23/2019 10:45	28.70	82.2	5.68	6.9	SR5	9/23/2019 16:45	29.08	86.2	5.95	4.7	SR5	9/23/2019 22:45	29.06	81.6	5.66	3.7
SR5	9/23/2019 4:50	28.84	76.5	5.40	5.8	SR5	9/23/2019 10:50	28.75	82.5	5.71	7.0	SR5	9/23/2019 16:50	29.08	87.2	6.03	4.5	SR5	9/23/2019 22:50	29.04	80.8	5.62	3.7
SR5	9/23/2019 4:55	28.81	78.5	5.59	5.9	SR5	9/23/2019 10:55	28.78	80.9	5.60	6.9	SR5	9/23/2019 16:55	29.08	90.8	6.23	4.7	SR5	9/23/2019 22:55	28.88	81.7	5.65	3.8
SR5	9/23/2019 5:00	28.90	78.5	5.57	5.8	SR5	9/23/2019 11:00	28.78	83.7	5.82	6.9	SR5	9/23/2019 17:00	29.08	88.0	6.12	4.5	SR5	9/23/2019 23:00	28.91	83.4	5.78	4.2
SR5	9/23/2019 5:05	28.86	78.3	5.55	5.6	SR5	9/23/2019 11:05	28.75	83.0	5.76	6.7	SR5	9/23/2019 17:05	29.08	91.0	6.28	4.7	SR5	9/23/2019 23:05	28.91	80.8	5.61	4.3
SR5	9/23/2019 5:10	28.83	78.0	5.53	5.5	SR5	9/23/2019 11:10	28.77	84.7	5.93	6.5	SR5	9/23/2019 17:10	29.09	88.9	6.12	4.6	SR5	9/23/2019 23:10	28.91	78.5	5.47	4.0
SR5	9/23/2019 5:15	28.86	78.5	5.60	5.3	SR5	9/23/2019 11:15	28.73	82.6	5.74	6.5	SR5	9/23/2019 17:15	29.09	87.8	6.01	4.6	SR5	9/23/2019 23:15	28.91	81.5	5.69	3.7
SR5	9/23/2019 5:20	28.87	77.7	5.53	5.4	SR5	9/23/2019 11:20	28.73	85.9	5.90	6.5	SR5	9/23/2019 17:20	29.10	89.1	6.16	4.7	SR5	9/23/2019 23:20	28.91	83.1	5.79	3.6
SR5	9/23/2019 5:25	28.87	77.5	5.53	5.3	SR5	9/23/2019 11:25	28.74	85.6	5.90	6.5	SR5	9/23/2019 17:25	29.10	88.6	6.12	4.5	SR5	9/23/2019 23:25	28.91	83.8	5.81	3.8
SR5	9/23/2019 5:30	28.87	77.3	5.52	5.2	SR5	9/23/2019 11:30	28.71	83.5	5.81	6.4	SR5	9/23/2019 17:30	29.10	87.8	6.02	4.5	SR5	9/23/2019 23:30	28.91	81.8	5.70	3.5
SR5	9/23/2019 5:35	28.83	76.9	5.44	5.1	SR5	9/23/2019 11:35	28.68	82.1	5.66	6.6	SR5	9/23/2019 17:35	29.10	85.5	5.92	4.5	SR5	9/23/2019 23:35	28.91	81.3	5.63	3.6
SR5	9/23/2019 5:40	28.84	76.8	5.45	5.0	SR5	9/23/2019 11:40	28.69	74.2	5.18	6.6	SR5	9/23/2019 17:40	29.10	86.6	5.99	5.1	SR5	9/23/2019 23:40	28.92	84.5	5.82	3.7
SR5	9/23/2019 5:45	28.83	76.4	5.39	5.0	SR5	9/23/2019 11:45	28.73	77.3	5.39	6.7	SR5	9/23/2019 17:45	29.10	86.5	6.00	5.4	SR5	9/23/2019 23:45	28.92	85.3	5.89	3.7
SR5	9/23/2019 5:50	28.86	78.1	5.54	4.8	SR5	9/23/2019 11:50	28.72	83.2	5.78	6.6	SR5	9/23/2019 17:50	29.10	86.6	5.95	5.5	SR5	9/23/2019 23:50	28.91	84.6	5.88	3.6
SR5	9/23/2019 5:55	28.82	76.3	5.33	4.6	SR5	9/23/2019 11:55	28.71	85.4	5.87	6.6	SR5	9/23/2019 17:55	29.11	84.5	5.89	5.8	SR5	9/23/2019 23:55	28.90	81.7	5.65	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	9/23/2019 0:01	29.22	75.9	5.08	4.2	SR12	9/23/2019 6:01	29.03	73.0	4.91	4.9	SR12	9/23/2019 12:01	29.18	81.9	5.48	4.5	SR12	9/23/2019 18:01	29.50	76.1	5.22	4.8
SR12	9/23/2019 0:06	29.21	75.7	5.09	6.4	SR12	9/23/2019 6:06	29.04	73.3	4.92	4.8	SR12	9/23/2019 12:06	29.18	82.0	5.49	4.9	SR12	9/23/2019 18:06	29.51	73.6	5.03	3.9
SR12	9/23/2019 0:11	29.21	77.0	5.16	5.2	SR12	9/23/2019 6:11	29.03	73.1	4.89	4.7	SR12	9/23/2019 12:11	29.17	81.9	5.48	5.0	SR12	9/23/2019 18:11	29.53	72.6	4.98	4.5
SR12	9/23/2019 0:16	29.22	75.9	5.11	4.8	SR12	9/23/2019 6:16	29.04	73.2	4.92	4.8	SR12	9/23/2019 12:16	29.17	82.6	5.55	5.0	SR12	9/23/2019 18:16	29.54	74.1	5.10	5.1
SR12	9/23/2019 0:21	29.21	78.6	5.25	5.3	SR12	9/23/2019 6:21	29.01	73.0	4.89	5.1	SR12	9/23/2019 12:21	29.18	82.1	5.52	5.0	SR12	9/23/2019 18:21	29.56	74.9	5.14	4.4
SR12	9/23/2019 0:26	29.19	78.3	5.24	5.1	SR12	9/23/2019 6:26	29.02	74.3	4.97	6.5	SR12	9/23/2019 12:26	29.19	82.2	5.47	5.4	SR12	9/23/2019 18:26	29.55	74.2	5.12	5.7
SR12	9/23/2019 0:31	29.19	77.1	5.15	5.4	SR12	9/23/2019 6:31	29.04	72.3	4.83	5.1	SR12	9/23/2019 12:31	29.18	82.1	5.47	4.7	SR12	9/23/2019 18:31	29.55	76.2	5.20	5.5
SR12	9/23/2019 0:36	29.19	76.1	5.07	5.8	SR12	9/23/2019 6:36	29.06	71.4	4.76	5.0	SR12	9/23/2019 12:36	29.18	81.5	5.47	5.1	SR12	9/23/2019 18:36	29.59	75.4	5.14	5.2
SR12	9/23/2019 0:41	29.20	72.2	4.81	4.2	SR12	9/23/2019 6:41	29.07	71.0	4.73	5.9	SR12	9/23/2019 12:41	29.19	81.8	5.47	4.7	SR12	9/23/2019 18:41	29.61	76.2	5.17	5.1
SR12	9/23/2019 0:46	29.18	72.0	4.81	6.4	SR12	9/23/2019 6:46	29.08	70.7	4.72	5.2	SR12	9/23/2019 12:46	29.19	82.5	5.52	4.5	SR12	9/23/2019 18:46	29.65	77.5	5.29	3.3
SR12	9/23/2019 0:51	29.17	75.2	5.05	5.6	SR12	9/23/2019 6:51	29.09	71.6	4.77	5.6	SR12	9/23/2019 12:51	29.20	81.0	5.45	4.2	SR12	9/23/2019 18:51	29.61	75.7	5.18	5.5
SR12	9/23/2019 0:56	29.19	75.3	5.05	4.6	SR12	9/23/2019 6:56	29.06	72.4	4.85	5.5	SR12	9/23/2019 12:56	29.19	81.9	5.45	4.5	SR12	9/23/2019 18:56	29.63	78.2	5.32	7.2
SR12	9/23/2019 1:01	29.23	74.8	5.03	6.3	SR12	9/23/2019 7:01	29.04	75.4	5.05	5.5	SR12	9/23/2019 13:01	29.20	82.1	5.48	4.3	SR12	9/23/2019 19:01	29.63	77.0	5.24	6.2
SR12	9/23/2019 1:06	29.22	74.3	4.99	7.8	SR12	9/23/2019 7:06	29.05	74.2	4.99	5.2	SR12	9/23/2019 13:06	29.20	81.7	5.47	4.3	SR12	9/23/2019 19:06	29.57	77.9	5.32	5.7
SR12	9/23/2019 1:11	29.20	75.3	5.05	6.8	SR12	9/23/2019 7:11	29.05	74.0	4.96	5.3	SR12	9/23/2019 13:11	29.21	83.1	5.55	5.1	SR12	9/23/2019 19:11	29.62	76.2	5.24	5.9
SR12	9/23/2019 1:16	29.20	75.6	5.04	5.4	SR12	9/23/2019 7:16	29.07	73.4	4.89	5.1	SR12	9/23/2019 13:16	29.20	82.2	5.52	4.8	SR12	9/23/2019 19:16	29.57	79.5	5.38	4.3
SR12	9/23/2019 1:21	29.19	73.6	4.91	6.3	SR12	9/23/2019 7:21	29.07	73.3	4.91	5.3	SR12	9/23/2019 13:21	29.21	82.7	5.52	4.7	SR12	9/23/2019 19:21	29.55	79.2	5.36	7.4
SR12	9/23/2019 1:26	29.21	75.1	5.01	5.6	SR12	9/23/2019 7:26	29.06	73.5	4.92	5.5	SR12	9/23/2019 13:26	29.21	82.0	5.51	4.2	SR12	9/23/2019 19:26	29.54	78.0	5.39	6.3
SR12	9/23/2019 1:31	29.21	74.4	4.96	5.3	SR12	9/23/2019 7:31	29.06	73.3	4.93	5.6	SR12	9/23/2019 13:31	29.22	82.6	5.51	4.9	SR12	9/23/2019 19:31	29.57	75.5	5.16	5.4
SR12	9/23/2019 1:36	29.23	74.6	5.01	5.2	SR12	9/23/2019 7:36	29.05	73.8	4.96	5.5	SR12	9/23/2019 13:36	29.22	80.7	5.40	4.8	SR12	9/23/2019 19:36	29.64	68.7	4.73	5.7
SR12	9/23/2019 1:41	29.22	76.5	5.09	5.0	SR12	9/23/2019 7:41	29.05	73.6	4.95	5.2	SR12	9/23/2019 13:41	29.23	81.1	5.41	5.8	SR12	9/23/2019 19:41	29.62	72.1	4.94	6.4
SR12	9/23/2019 1:46	29.23	76.2	5.12	5.4	SR12	9/23/2019 7:46	29.06	73.1	4.89	4.9	SR12	9/23/2019 13:46	29.23	80.6	5.39	5.5	SR12	9/23/2019 19:46	29.55	78.3	5.35	6.5
SR12	9/23/2019 1:51	29.23	74.0	4.96	4.8	SR12	9/23/2019 7:51	29.05	74.3	5.00	5.1	SR12	9/23/2019 13:51	29.24	80.3	5.39	5.8	SR12	9/23/2019 19:51	29.55	80.9	5.52	5.4
SR12	9/23/2019 1:56	29.22	74.6	4.97	5.2	SR12	9/23/2019 7:56	29.05	74.9	4.99	5.8	SR12	9/23/2019 13:56	29.25	81.4	5.45	5.1	SR12	9/23/2019 19:56	29.56	78.8	5.38	6.7
SR12	9/23/2019 2:01	29.24	73.9	4.93	5.3	SR12	9/23/2019 8:01	29.05	75.1	5.00	5.2	SR12	9/23/2019 14:01	29.26	82.4	5.51	5.3	SR12	9/23/2019 20:01	29.53	79.3	5.39	6.9
SR12	9/23/2019 2:06	29.24	74.3	4.96	5.1	SR12	9/23/2019 8:06	29.05	75.0	5.01	5.6	SR12	9/23/2019 14:06	29.26	82.2	5.51	**27.4**	SR12	9/23/2019 20:06	29.53	80.7	5.47	6.7
SR12	9/23/2019 2:11	29.25	71.7	4.79	4.8	SR12	9/23/2019 8:11	29.04	77.4	5.16	5.0	SR12	9/23/2019 14:11	29.25	82.5	5.49	7.5	SR12	9/23/2019 20:11	29.63	73.5	5.00	4.1
SR12	9/23/2019 2:16	29.25	71.9	4.81	4.7	SR12	9/23/2019 8:16	29.06	75.1	5.04	4.9	SR12	9/23/2019 14:16	29.25	82.4	5.51	5.4	SR12	9/23/2019 20:16	29.52	63.3	4.35	5.7
SR12	9/23/2019 2:21	29.25	73.1	4.87	5.4	SR12	9/23/2019 8:21	29.06	75.6	5.08	4.4	SR12	9/23/2019 14:21	29.26	81.9	5.47	5.2	SR12	9/23/2019 20:21	29.57	69.7	4.77	5.9
SR12	9/23/2019 2:26	29.25	75.3	5.03	5.3	SR12	9/23/2019 8:26	29.07	76.5	5.12	4.8	SR12	9/23/2019 14:26	29.25	81.2	5.43	4.6	SR12	9/23/2019 20:26	29.57	66.0	4.53	4.6
SR12	9/23/2019 2:31	29.25	74.7	5.01	5.2	SR12	9/23/2019 8:31	29.07	76.8	5.16	4.2	SR12	9/23/2019 14:31	29.26	80.7	5.37	4.3	SR12	9/23/2019 20:31	29.59	64.8	4.48	6.1
SR12	9/23/2019 2:36	29.25	74.9	4.99	5.5	SR12	9/23/2019 8:36	29.07	77.6	5.20	5.1	SR12	9/23/2019 14:36	29.26	81.2	5.45	4.9	SR12	9/23/2019 20:36	29.58	71.5	4.87	5.3
SR12	9/23/2019 2:41	29.25	73.1	4.91	5.3	SR12	9/23/2019 8:41	29.07	78.5	5.24	4.8	SR12	9/23/2019 14:41	29.28	81.0	5.44	4.6	SR12	9/23/2019 20:41	29.58	73.7	5.03	5.4
SR12	9/23/2019 2:46	29.25	73.1	4.91	5.7	SR12	9/23/2019 8:46	29.08	78.0	5.24	4.5	SR12	9/23/2019 14:46	29.28	80.6	5.40	4.8	SR12	9/23/2019 20:46	29.56	77.0	5.30	4.2
SR12	9/23/2019 2:51	29.25	73.0	4.89	5.2	SR12	9/23/2019 8:51	29.08	78.9	5.25	5.0	SR12	9/23/2019 14:51	29.27	81.1	5.43	4.3	SR12	9/23/2019 20:51	29.52	77.8	5.35	5.5
SR12	9/23/2019 2:56	29.25	71.5	4.79	5.6	SR12	9/23/2019 8:56	29.09	78.1	5.24	5.1	SR12	9/23/2019 14:56	29.28	81.1	5.40	4.4	SR12	9/23/2019 20:56	29.48	78.7	5.40	5.0
SR12	9/23/2019 3:01	29.22	74.9	4.99	5.8	SR12	9/23/2019 9:01	29.08	76.9	5.17	4.9	SR12	9/23/2019 15:01	29.28	80.0	5.35	4.4	SR12	9/23/2019 21:01	29.50	79.1	5.39	4.5
SR12	9/23/2019 3:06	29.11	77.2	5.15	6.0	SR12	9/23/2019 9:06	29.09	77.4	5.20	4.7	SR12	9/23/2019 15:06	29.26	78.3	5.27	4.3	SR12	9/23/2019 21:06	29.49	76.8	5.27	4.1
SR12	9/23/2019 3:11	29.10	76.0	5.11	5.3	SR12	9/23/2019 9:11	29.09	76.8	5.16	4.8	SR12	9/23/2019 15:11	29.27	78.3	5.27	4.9	SR12	9/23/2019 21:11	29.52	67.9	4.66	4.1
SR12	9/23/2019 3:16	29.09	77.0	5.13	5.3	SR12	9/23/2019 9:16	29.09	78.2	5.25	5.3	SR12	9/23/2019 15:16	29.26	79.0	5.28	4.4	SR12	9/23/2019 21:16	29.54	66.9	4.57	3.3
SR12	9/23/2019 3:21	29.05	77.5	5.20	4.9	SR12	9/23/2019 9:21	29.10	78.2	5.25	5.8	SR12	9/23/2019 15:21	29.28	81.1	5.41	4.4	SR12	9/23/2019 21:21	29.54	67.1	4.61	4.7
SR12	9/23/2019 3:26	29.09	77.9	5.20	5.1	SR12	9/23/2019 9:26	29.11	79.7	5.36	5.9	SR12	9/23/2019 15:26	29.28	80.9	5.41	4.2	SR12	9/23/2019 21:26	29.52	74.1	5.07	5.0
SR12	9/23/2019 3:31	29.08	77.7	5.20	5.0	SR12	9/23/2019 9:31	29.11	79.3	5.31	5.4	SR12	9/23/2019 15:31	29.27	80.9	5.41	4.5	SR12	9/23/2019 21:31	29.47	78.7	5.39	5.4
SR12	9/23/2019 3:36	29.11	78.7	5.24	4.9	SR12	9/23/2019 9:36	29.13	80.4	5.37	5.2	SR12	9/23/2019 15:36	29.27	80.1	5.37	4.2	SR12	9/23/2019 21:36	29.43	83.3	5.68	5.1
SR12	9/23/2019 3:41	29.13	77.9	5.23	4.8	SR12	9/23/2019 9:41	29.13	80.8	5.40	5.7	SR12	9/23/2019 15:41	29.26	82.0	5.49	4.3	SR12	9/23/2019 21:41	29.41	85.5	5.81	4.6
SR12	9/23/2019 3:46	29.14	77.4	5.19	5.5	SR12	9/23/2019 9:46	29.13	81.0	5.41	6.6	SR12	9/23/2019 15:46	29.28	82.5	5.53	4.3	SR12	9/23/2019 21:46	29.42	85.0	5.78	3.8
SR12	9/23/2019 3:51	29.11	76.5	5.11	5.1	SR12	9/23/2019 9:51	29.14	81.2	5.43	5.5	SR12	9/23/2019 15:51	29.48	76.0	5.20	6.7	SR12	9/23/2019 21:51	29.43	82.4	5.66	4.9
SR12	9/23/2019 3:56	29.09	77.1	5.19	5.5	SR12						SR12	9/23/2019 15:56	29.51	75.0	5.16	4.5	SR12	9/23/2019 21:56	29.43	82.5	5.59	3.5
SR12	9/23/2019 4:01	29.09	77.7	5.23	5.7	SR12						SR12	9/23/2019 16:01	29.53	72.5	4.96	4.8	SR12	9/23/2019 22:01	29.38	82.4	5.65	5.4
SR12	9/23/2019 4:06	29.11	76.4	5.13	5.6	SR12						SR12	9/23/2019 16:06	29.53	72.9	4.96	4.0	SR12	9/23/2019 22:06	29.38	82.3	5.64	5.6
SR12	9/23/2019 4:11	29.13	78.2	5.21	5.7	SR12						SR12	9/23/2019 16:11	29.50	69.7	4.78	3.9	SR12	9/23/2019 22:11	29.40	82.5	5.61	3.8
SR12	9/23/2019 4:16	29.13	76.5	5.13	5.5	SR12						SR12	9/23/2019 16:16	29.49	71.6	4.92	3.9	SR12	9/23/2019 22:16	29.41	81.6	5.55	4.8
SR12	9/23/2019 4:21	29.14	76.3	5.13	4.5	SR12						SR12	9/23/2019 16:21	29.47	72.9	4.97	4.2	SR12	9/23/2019 22:21	29.40	82.7	5.64	5.3
SR12	9/23/2019 4:26	29.14	75.4	5.04	4.9	SR12						SR12	9/23/2019 16:26	29.49	73.5	5.05	4.3	SR12	9/23/2019 22:26	29.41	82.1	5.59	4.8
SR12	9/23/2019 4:31	29.16	75.2	5.03	5.3	SR12						SR12	9/23/2019 16:31	29.50	72.4	4.97	4.1	SR12	9/23/2019 22:31	29.42	80.2	5.51	5.1
SR12	9/23/2019 4:36	29.15	73.8	4.95	5.4	SR12						SR12	9/23/2019 16:36	29.51	73.9	5.07	4.6	SR12	9/23/2019 22:36	29.45	80.8	5.51	4.7
SR12	9/23/2019 4:41	29.06	73.5	4.93	5.3	SR12						SR12	9/23/2019 16:41	29.55	77.5	5.26	4.5	SR12	9/23/2019 22:41	29.44	80.1	5.43	4.4
SR12	9/23/2019 4:46	29.05	74.2	4.95	5.3	SR12						SR12	9/23/2019 16:46	29.51	75.1	5.09	4.8	SR12	9/23/2019 22:46	29.44	80.8	5.50	5.5
SR12	9/23/2019 4:51	29.06	74.9	4.99	5.5	SR12						SR12	9/23/2019 16:51	29.49	74.6	5.14	3.9	SR12	9/23/2019 22:51	29.43	80.6	5.47	4.4
SR12	9/23/2019 4:56	29.08	72.3	4.84	5.9	SR12						SR12	9/23/2019 16:56	29.50	76.3	5.17	6.0	SR12	9/23/2019 22:56	29.43	79.5	5.43	5.2
SR12	9/23/2019 5:01	29.09	72.7	4.85	5.9	SR12						SR12	9/23/2019 17:01	29.51	72.4	4.94	4.6	SR12	9/23/2019 23:01	29.44	80.4	5.46	5.2
SR12	9/23/2019 5:06	29.08	72.7	4.89	5.2	SR12	9/23/2019 11:06	29.21	83.6	5.60	4.8	SR12	9/23/2019 17:06	29.54	75.5	5.16	4.1	SR12	9/23/2019 23:06	29.43	80.3	5.48	5.1
SR12	9/23/2019 5:11	29.09	72.5	4.85	5.5	SR12	9/23/2019 11:11	29.19	83.0	5.55	4.4	SR12	9/23/2019 17:11	29.53	74.1	5.07	5.5	SR12	9/23/2019 23:11	29.45	79.6	5.43	4.7
SR12	9/23/2019 5:16	29.09	71.1	4.75	5.2	SR12	9/23/2019 11:16	29.15	83.0	5.53	4.5	SR12	9/23/2019 17:16	29.47	72.5	4.97	4.5	SR12	9/23/2019 23:16	29.47	80.7	5.56	4.1
SR12	9/23/2019 5:21	29.10	71.0	4.73	5.0	SR12	9/23/2019 11:21	29.19	82.1	5.49	4.9	SR12	9/23/2019 17:21	29.43	71.6	4.91	3.4	SR12	9/23/2019 23:21	29.49	78.5	5.34	4.7
SR12	9/23/2019 5:26	29.09	72.2	4.81	5.5	SR12	9/23/2019 11:26	29.19	82.8	5.56	4.5	SR12	9/23/2019 17:26	29.48	78.1	5.35	5.0	SR12	9/23/2019 23:26	29.48	78.5	5.31	4.3
SR12	9/23/2019 5:31	29.07	71.5	4.81	5.2	SR12	9/23/2019 11:31	29.19	82.2	5.49	4.1	SR12	9/23/2019 17:31	29.49	76.5	5.22	5.4	SR12	9/23/2019 23:31	29.49	76.3	5.21	4.1
SR12	9/23/2019 5:36	29.07	71.7	4.79	4.9	SR12	9/23/2019 11:36	29.18	83.4	5.57	3.8	SR12	9/23/2019 17:36	29.49	77.1	5.29	5.1	SR12	9/23/2019 23:36	29.50	77.0	5.29	4.6
SR12	9/23/2019 5:41	29.05	73.5	4.91	5.2	SR12	9/23/2019 11:41	29.18	82.9	5.57	4.2	SR12	9/23/2019 17:41	29.51	76.8	5.22	5.0	SR12	9/23/2019 23:41	29.51	78.1	5.30	4.8
SR12	9/23/2019 5:46	29.04	72.2	4.85	5.0	SR12	9/23/2019 11:46	29.17	86.4	5.80	4.2	SR12	9/23/2019 17:46	29.50	75.7	5.13	6.7	SR12	9/23/2019 23:46	29.50	79.0	5.39	5.8
SR12	9/23/2019 5:51	29.04	73.2	4.89	5.5	SR12	9/23/2019 11:51	29.16	83.7	5.60	4.3	SR12	9/23/2019 17:51	29.50	81.2	5.54	7.2	SR12	9/23/2019 23:51	29.50	78.0	5.36	4.3
SR12	9/23/2019 5:56	29.03	73.4	4.91	5.1	SR12	9/23/2019 11:56	29.17	82.3	5.53	4.2	SR12	9/23/2019 17:56	29.49	78.5	5.32	5.9	SR12	9/23/2019 23:56	29.50	80.9	5.52	4.4

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	9/23/2019 0:00	29.39	74.9	5.12	4.7	SR13	9/23/2019 6:00	29.20	74.1	5.08	6.9	SR13	9/23/2019 12:00	29.50	79.6	5.44	5.4	SR13	9/23/2019 18:00	29.77	77.2	5.36	4.1
SR13	9/23/2019 0:05	29.39	77.4	5.30	4.1	SR13	9/23/2019 6:05	29.22	75.6	5.19	4.6	SR13	9/23/2019 12:05	29.51	81.3	5.52	5.2	SR13	9/23/2019 18:05	29.73	78.0	5.38	4.7
SR13	9/23/2019 0:10	29.40	74.5	5.10	4.3	SR13	9/23/2019 6:10	29.23	74.7	5.13	4.5	SR13	9/23/2019 12:10	29.57	77.7	5.30	4.5	SR13	9/23/2019 18:10	29.73	78.6	5.42	4.4
SR13	9/23/2019 0:15	29.42	76.0	5.17	4.2	SR13	9/23/2019 6:15	29.24	71.7	4.91	3.7	SR13	9/23/2019 12:15	29.52	70.4	4.84	5.0	SR13	9/23/2019 18:15	29.68	74.1	5.09	3.7
SR13	9/23/2019 0:20	29.43	73.5	5.04	5.2	SR13	9/23/2019 6:20	29.24	73.7	5.04	4.6	SR13	9/23/2019 12:20	29.56	73.3	5.02	5.2	SR13	9/23/2019 18:20	29.72	74.8	5.13	4.1
SR13	9/23/2019 0:25	29.42	73.3	5.02	5.5	SR13	9/23/2019 6:25	29.25	71.8	4.94	3.9	SR13	9/23/2019 12:25	29.56	71.6	4.89	4.3	SR13	9/23/2019 18:25	29.74	75.1	5.18	3.2
SR13	9/23/2019 0:30	29.41	75.6	5.18	7.2	SR13	9/23/2019 6:30	29.25	73.0	4.98	5.8	SR13	9/23/2019 12:30	29.58	72.2	4.98	4.2	SR13	9/23/2019 18:30	29.76	78.5	5.42	4.6
SR13	9/23/2019 0:35	29.42	76.1	5.21	4.4	SR13	9/23/2019 6:35	29.23	73.4	5.02	4.5	SR13	9/23/2019 12:35	29.57	74.5	5.08	4.2	SR13	9/23/2019 18:35	29.75	78.4	5.42	5.5
SR13	9/23/2019 0:40	29.43	74.7	5.14	4.5	SR13	9/23/2019 6:40	29.23	74.7	5.13	4.4	SR13	9/23/2019 12:40	29.60	77.8	5.32	4.8	SR13	9/23/2019 18:40	29.77	79.9	5.52	5.0
SR13	9/23/2019 0:45	29.41	75.1	5.16	4.8	SR13	9/23/2019 6:45	29.23	72.7	4.98	4.4	SR13	9/23/2019 12:45	29.58	78.8	5.40	4.0	SR13	9/23/2019 18:45	29.74	79.4	5.50	4.8
SR13	9/23/2019 0:50	29.39	72.5	4.98	5.3	SR13	9/23/2019 6:50	29.23	72.7	4.97	5.4	SR13	9/23/2019 12:50	29.57	79.4	5.43	4.2	SR13	9/23/2019 18:50	29.74	77.4	5.35	4.7
SR13	9/23/2019 0:55	29.38	74.5	5.11	4.8	SR13	9/23/2019 6:55	29.22	72.5	4.96	4.3	SR13	9/23/2019 12:55	29.53	81.1	5.57	4.5	SR13	9/23/2019 18:55	29.68	78.1	5.35	4.1
SR13	9/23/2019 1:00	29.37	73.7	5.05	4.6	SR13	9/23/2019 7:00	29.21	71.9	4.93	4.6	SR13	9/23/2019 13:00	29.55	81.7	5.56	4.7	SR13	9/23/2019 19:00	29.69	81.7	5.61	4.8
SR13	9/23/2019 1:05	29.38	73.2	5.01	4.6	SR13	9/23/2019 7:05	29.23	74.0	5.04	5.2	SR13	9/23/2019 13:05	29.54	78.9	5.42	4.4	SR13	9/23/2019 19:05	29.66	79.0	5.46	4.4
SR13	9/23/2019 1:10	29.38	74.7	5.09	4.3	SR13	9/23/2019 7:10	29.21	72.7	4.97	5.2	SR13	9/23/2019 13:10	29.58	73.7	5.05	4.5	SR13	9/23/2019 19:10	29.68	77.3	5.31	4.3
SR13	9/23/2019 1:15	29.40	73.4	5.03	4.8	SR13	9/23/2019 7:15	29.19	74.2	5.08	4.5	SR13	9/23/2019 13:15	29.60	72.4	4.96	4.5	SR13	9/23/2019 19:15	29.71	75.7	5.24	4.8
SR13	9/23/2019 1:20	29.41	75.2	5.15	4.1	SR13	9/23/2019 7:20	29.20	73.8	5.06	5.0	SR13	9/23/2019 13:20	29.61	74.4	5.10	4.7	SR13	9/23/2019 19:20	29.71	77.2	5.33	4.8
SR13	9/23/2019 1:25	29.40	76.9	5.25	4.7	SR13	9/23/2019 7:25	29.16	70.8	4.86	4.1	SR13	9/23/2019 13:25	29.59	76.6	5.23	4.6	SR13	9/23/2019 19:25	29.69	77.5	5.36	4.6
SR13	9/23/2019 1:30	29.39	74.8	5.12	3.9	SR13	9/23/2019 7:30	29.17	70.1	4.82	3.9	SR13	9/23/2019 13:30	29.57	78.2	5.35	4.9	SR13	9/23/2019 19:30	29.70	78.8	5.46	4.3
SR13	9/23/2019 1:35	29.37	75.2	5.16	4.8	SR13	9/23/2019 7:35	29.22	74.4	5.07	4.1	SR13	9/23/2019 13:35	29.55	82.1	5.60	5.1	SR13	9/23/2019 19:35	29.70	78.8	5.43	4.3
SR13	9/23/2019 1:40	29.37	74.2	5.06	4.7	SR13	9/23/2019 7:40	29.22	72.8	4.96	4.4	SR13	9/23/2019 13:40	29.58	84.2	5.73	4.4	SR13	9/23/2019 19:40	29.68	78.0	5.38	4.1
SR13	9/23/2019 1:45	29.37	77.2	5.29	4.4	SR13	9/23/2019 7:45	29.25	76.4	5.23	4.5	SR13	9/23/2019 13:45	29.59	85.0	5.79	13.0	SR13	9/23/2019 19:45	29.66	78.5	5.40	4.5
SR13	9/23/2019 1:50	29.39	74.2	5.08	4.5	SR13	9/23/2019 7:50	29.25	76.7	5.24	4.9	SR13	9/23/2019 13:50	29.59	84.2	5.76	5.5	SR13	9/23/2019 19:50	29.66	74.6	5.16	3.7
SR13	9/23/2019 1:55	29.39	74.9	5.11	4.5	SR13	9/23/2019 7:55	29.27	76.0	5.23	4.6	SR13	9/23/2019 13:55	29.58	82.6	5.62	4.4	SR13	9/23/2019 19:55	29.66	73.4	5.07	4.4
SR13	9/23/2019 2:00	29.34	74.3	5.07	4.6	SR13	9/23/2019 8:00	29.27	75.9	5.22	4.0	SR13	9/23/2019 14:00	29.55	81.1	5.54	5.2	SR13	9/23/2019 20:00	29.67	75.9	5.25	4.9
SR13	9/23/2019 2:05	29.33	76.1	5.22	4.7	SR13	9/23/2019 8:05	29.27	75.4	5.14	3.7	SR13	9/23/2019 14:05	29.55	83.9	5.74	4.6	SR13	9/23/2019 20:05	29.68	75.2	5.19	4.2
SR13	9/23/2019 2:10	29.34	76.8	5.25	3.8	SR13	9/23/2019 8:10	29.27	72.1	4.95	4.5	SR13	9/23/2019 14:10	29.57	83.2	5.67	4.6	SR13	9/23/2019 20:10	29.69	73.7	5.13	4.8
SR13	9/23/2019 2:15	29.35	75.2	5.14	4.1	SR13	9/23/2019 8:15	29.27	74.3	5.10	4.1	SR13	9/23/2019 14:15	29.59	81.9	5.59	4.3	SR13	9/23/2019 20:15	29.69	76.4	5.25	3.8
SR13	9/23/2019 2:20	29.34	76.5	5.24	4.7	SR13	9/23/2019 8:20	29.27	75.8	5.17	4.7	SR13	9/23/2019 14:20	29.60	83.7	5.72	4.2	SR13	9/23/2019 20:20	29.68	77.8	5.38	3.7
SR13	9/23/2019 2:25	29.35	74.9	5.14	5.0	SR13	9/23/2019 8:25	29.29	76.1	5.22	4.1	SR13	9/23/2019 14:25	29.63	82.7	5.66	4.9	SR13	9/23/2019 20:25	29.67	78.4	5.43	3.8
SR13	9/23/2019 2:30	29.34	74.2	5.07	4.3	SR13	9/23/2019 8:30	29.30	74.7	5.10	4.0	SR13	9/23/2019 14:30	29.65	81.8	5.61	4.1	SR13	9/23/2019 20:30	29.64	78.8	5.46	3.7
SR13	9/23/2019 2:35	29.33	75.0	5.15	5.1	SR13	9/23/2019 8:35	29.31	76.3	5.25	4.6	SR13	9/23/2019 14:35	29.66	81.9	5.60	4.1	SR13	9/23/2019 20:35	29.61	78.6	5.46	3.9
SR13	9/23/2019 2:40	29.31	75.4	5.14	4.5	SR13	9/23/2019 8:40	29.34	76.9	5.25	5.0	SR13	9/23/2019 14:40	29.67	79.8	5.44	4.6	SR13	9/23/2019 20:40	29.59	80.7	5.56	3.7
SR13	9/23/2019 2:45	29.28	77.2	5.26	4.7	SR13	9/23/2019 8:45	29.32	77.9	5.34	4.5	SR13	9/23/2019 14:45	29.69	80.6	5.53	4.2	SR13	9/23/2019 20:45	29.58	78.0	5.41	3.9
SR13	9/23/2019 2:50	29.27	76.0	5.20	4.6	SR13	9/23/2019 8:50	29.32	77.4	5.33	4.2	SR13	9/23/2019 14:50	29.70	81.0	5.55	4.8	SR13	9/23/2019 20:50	29.60	75.6	5.23	4.0
SR13	9/23/2019 2:55	29.27	76.3	5.22	4.4	SR13	9/23/2019 8:55	29.32	76.7	5.24	5.2	SR13	9/23/2019 14:55	29.69	79.5	5.45	4.0	SR13	9/23/2019 20:55	29.64	73.0	5.06	3.2
SR13	9/23/2019 3:00	29.25	76.0	5.19	4.1	SR13	9/23/2019 9:00	29.33	75.4	5.15	4.1	SR13	9/23/2019 15:00	29.70	82.3	5.61	5.1	SR13	9/23/2019 21:00	29.64	75.5	5.20	4.4
SR13	9/23/2019 3:05	29.28	75.0	5.13	4.0	SR13	9/23/2019 9:05	29.36	78.8	5.39	4.6	SR13	9/23/2019 15:05	29.70	81.1	5.55	3.9	SR13	9/23/2019 21:05	29.63	77.7	5.36	4.9
SR13	9/23/2019 3:10	29.28	74.3	5.08	4.3	SR13	9/23/2019 9:10	29.35	75.4	5.15	5.6	SR13	9/23/2019 15:10	29.72	81.7	5.60	4.1	SR13	9/23/2019 21:10	29.60	80.1	5.55	4.7
SR13	9/23/2019 3:15	29.29	74.8	5.09	4.0	SR13	9/23/2019 9:15	29.36	76.3	5.22	4.8	SR13	9/23/2019 15:15	29.73	82.4	5.66	4.0	SR13	9/23/2019 21:15	29.58	82.5	5.68	6.4
SR13	9/23/2019 3:20	29.30	75.7	5.20	4.0	SR13	9/23/2019 9:20	29.36	76.0	5.21	4.3	SR13	9/23/2019 15:20	29.73	81.0	5.53	3.7	SR13	9/23/2019 21:20	29.56	83.6	5.77	3.8
SR13	9/23/2019 3:25	29.31	75.4	5.19	4.5	SR13	9/23/2019 9:25	29.38	79.5	5.45	5.5	SR13	9/23/2019 15:25	29.72	81.8	5.58	3.6	SR13	9/23/2019 21:25	29.57	82.8	5.69	3.9
SR13	9/23/2019 3:30	29.28	76.5	5.23	4.1	SR13	9/23/2019 9:30	29.39	77.1	5.27	4.2	SR13	9/23/2019 15:30	29.82	78.1	5.38	4.9	SR13	9/23/2019 21:30	29.57	81.4	5.63	4.4
SR13	9/23/2019 3:35	29.28	76.3	5.26	4.1	SR13	9/23/2019 9:35	29.39	78.8	5.41	5.3	SR13	9/23/2019 15:35	29.86	76.4	5.29	4.1	SR13	9/23/2019 21:35	29.56	80.7	5.57	3.4
SR13	9/23/2019 3:40	29.28	75.0	5.13	4.3	SR13	9/23/2019 9:40	29.40	77.6	5.29	4.7	SR13	9/23/2019 15:40	29.82	75.6	5.21	4.4	SR13	9/23/2019 21:40	29.53	82.2	5.67	4.5
SR13	9/23/2019 3:45	29.28	74.1	5.06	4.3	SR13	9/23/2019 9:45	29.41	78.6	5.38	5.0	SR13						SR13	9/23/2019 21:45	29.52	79.9	5.53	4.2
SR13	9/23/2019 3:50	29.29	76.1	5.21	4.4	SR13	9/23/2019 9:50	29.43	81.7	5.57	5.2	SR13						SR13	9/23/2019 21:50	29.53	80.9	5.58	3.4
SR13	9/23/2019 3:55	29.29	76.6	5.25	4.6	SR13	9/23/2019 9:55	29.43	80.4	5.47	5.6	SR13						SR13	9/23/2019 21:55	29.52	80.6	5.52	4.0
SR13	9/23/2019 4:00	29.29	75.1	5.16	4.0	SR13	9/23/2019 10:00	29.42	78.6	5.41	4.5	SR13	9/23/2019 16:00	29.76	79.3	5.45	4.4	SR13	9/23/2019 22:00	29.52	82.1	5.64	4.5
SR13	9/23/2019 4:05	29.29	74.8	5.11	3.6	SR13	9/23/2019 10:05	29.42	78.1	5.35	4.8	SR13	9/23/2019 16:05	29.75	77.6	5.36	4.5	SR13	9/23/2019 22:05	29.51	82.0	5.63	3.5
SR13	9/23/2019 4:10	29.28	72.7	5.00	4.3	SR13	9/23/2019 10:10	29.43	76.3	5.24	3.8	SR13	9/23/2019 16:10	29.76	76.6	5.29	3.8	SR13	9/23/2019 22:10	29.49	79.8	5.51	4.5
SR13	9/23/2019 4:15	29.28	73.1	5.01	4.4	SR13	9/23/2019 10:15	29.43	77.3	5.30	3.9	SR13	9/23/2019 16:15	29.77	80.1	5.54	4.9	SR13	9/23/2019 22:15	29.50	80.6	5.55	4.5
SR13	9/23/2019 4:20	29.25	72.0	4.94	4.1	SR13	9/23/2019 10:20	29.44	77.5	5.30	3.9	SR13	9/23/2019 16:20	29.78	79.9	5.49	4.8	SR13	9/23/2019 22:20	29.49	78.6	5.42	4.6
SR13	9/23/2019 4:25	29.25	75.5	5.18	4.2	SR13	9/23/2019 10:25	29.44	77.6	5.33	5.8	SR13	9/23/2019 16:25	29.76	79.5	5.45	5.0	SR13	9/23/2019 22:25	29.47	78.7	5.42	5.0
SR13	9/23/2019 4:30	29.26	72.2	4.94	3.6	SR13	9/23/2019 10:30	29.44	79.1	5.42	5.0	SR13	9/23/2019 16:30	29.78	76.4	5.28	4.8	SR13	9/23/2019 22:30	29.46	80.7	5.54	4.0
SR13	9/23/2019 4:35	29.26	72.3	4.98	4.0	SR13	9/23/2019 10:35	29.45	79.3	5.41	4.3	SR13	9/23/2019 16:35	29.80	76.1	5.24	5.3	SR13	9/23/2019 22:35	29.45	77.6	5.36	4.0
SR13	9/23/2019 4:40	29.26	73.9	5.06	3.8	SR13	9/23/2019 10:40	29.47	80.6	5.52	5.0	SR13	9/23/2019 16:40	29.82	75.8	5.22	5.3	SR13	9/23/2019 22:40	29.44	79.4	5.46	4.0
SR13	9/23/2019 4:45	29.26	72.8	4.99	3.7	SR13	9/23/2019 10:45	29.51	79.0	5.38	4.3	SR13	9/23/2019 16:45	29.83	77.4	5.35	4.5	SR13	9/23/2019 22:45	29.43	77.8	5.38	4.1
SR13	9/23/2019 4:50	29.26	75.1	5.14	4.5	SR13	9/23/2019 10:50	29.48	78.7	5.36	4.6	SR13	9/23/2019 16:50	29.82	78.6	5.40	5.8	SR13	9/23/2019 22:50	29.44	78.4	5.39	3.8
SR13	9/23/2019 4:55	29.26	72.1	4.92	4.8	SR13	9/23/2019 10:55	29.49	80.1	5.46	5.5	SR13	9/23/2019 16:55	29.80	77.0	5.34	4.3	SR13	9/23/2019 22:55	29.43	79.7	5.50	4.1
SR13	9/23/2019 5:00	29.26	72.6	4.98	4.5	SR13	9/23/2019 11:00	29.51	78.8	5.38	4.6	SR13	9/23/2019 17:00	29.77	79.2	5.47	5.0	SR13	9/23/2019 23:00	29.48	76.1	5.24	4.3
SR13	9/23/2019 5:05	29.25	71.8	4.91	4.5	SR13	9/23/2019 11:05	29.49	79.3	5.44	5.1	SR13	9/23/2019 17:05	29.78	78.3	5.40	4.8	SR13	9/23/2019 23:05	29.44	73.6	5.07	3.8
SR13	9/23/2019 5:10	29.24	72.0	4.94	3.7	SR13	9/23/2019 11:10	29.51	79.0	5.42	4.9	SR13	9/23/2019 17:10	29.78	78.0	5.36	5.0	SR13	9/23/2019 23:10	29.49	74.1	5.12	4.2
SR13	9/23/2019 5:15	29.24	70.9	4.83	4.4	SR13	9/23/2019 11:15	29.48	80.7	5.48	4.5	SR13	9/23/2019 17:15	29.78	80.4	5.55	4.8	SR13	9/23/2019 23:15	29.49	76.3	5.28	4.4
SR13	9/23/2019 5:20	29.23	73.8	5.06	4.1	SR13	9/23/2019 11:20	29.47	81.9	5.60	4.9	SR13	9/23/2019 17:20	29.78	79.1	5.42	4.0	SR13	9/23/2019 23:20	29.49	76.6	5.26	4.6
SR13	9/23/2019 5:25	29.23	71.6	4.91	3.9	SR13	9/23/2019 11:25	29.46	80.3	5.51	4.7	SR13	9/23/2019 17:25	29.78	78.3	5.36	5.5	SR13	9/23/2019 23:25	29.48	78.5	5.42	4.7
SR13	9/23/2019 5:30	29.23	72.9	4.98	4.2	SR13	9/23/2019 11:30	29.48	78.4	5.34	4.7	SR13	9/23/2019 17:30	29.78	79.1	5.46	5.3	SR13	9/23/2019 23:30	29.47	75.1	5.17	4.0
SR13	9/23/2019 5:35	29.23	73.8	5.07	3.5	SR13	9/23/2019 11:35	29.55	74.5	5.13	4.3	SR13	9/23/2019 17:35	29.78	77.8	5.36	5.9	SR13	9/23/2019 23:35	29.48	80.4	5.53	4.7
SR13	9/23/2019 5:40	29.23	70.9	4.84	4.0	SR13	9/23/2019 11:40	29.54	76.5	5.25	4.6	SR13	9/23/2019 17:40	29.79	78.3	5.42	5.6	SR13	9/23/2019 23:40	29.48	80.5	5.51	4.2
SR13	9/23/2019 5:45	29.22	73.0	5.00	4.1	SR13	9/23/2019 11:45	29.50	79.6	5.45	5.3	SR13	9/23/2019 17:45	29.77	76.0	5.23	4.7	SR13	9/23/2019 23:45	29.48	79.4	5.48	4.8
SR13	9/23/2019 5:50	29.21	74.6	5.12	4.6	SR13	9/23/2019 11:50	29.50	80.6	5.49	5.2	SR13	9/23/2019 17:50	29.78	75.0	5.20	3.8	SR13	9/23/2019 23:50	29.53	78.6	5.40	4.5
SR13	9/23/2019 5:55	29.22	71.8	4.91	3.8	SR13	9/23/2019 11:55	29.51	81.9	5.61	5.4	SR13	9/23/2019 17:55	29.76	75.8	5.27	4.7	SR13	9/23/2019 23:55	29.54	80.1	5.52	4.5

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	9/23/2019 0:17	0.24				SR12	9/23/2019 0:17	0.22			
SR4	9/23/2019 0:37	0.22				SR12	9/23/2019 0:37	0.20			
SR4	9/23/2019 0:57	0.21				SR12	9/23/2019 0:57	0.22			
SR4	9/23/2019 1:17	0.21				SR12	9/23/2019 1:17	0.21			
SR4	9/23/2019 1:37	0.21				SR12	9/23/2019 1:37	0.22			
SR4	9/23/2019 1:57	0.21				SR12	9/23/2019 1:57	0.21			
SR4	9/23/2019 2:17	0.22				SR12	9/23/2019 2:17	0.21			
SR4	9/23/2019 2:37	0.22				SR12	9/23/2019 2:37	0.21			
SR4	9/23/2019 2:57	0.21				SR12	9/23/2019 2:57	0.22			
SR4	9/23/2019 3:17	0.21				SR12	9/23/2019 3:17	0.22			
SR4	9/23/2019 3:37	0.21				SR12	9/23/2019 3:37	0.22			
SR4	9/23/2019 3:57	0.23				SR12	9/23/2019 3:57	0.22			
SR4	9/23/2019 4:17	0.21				SR12	9/23/2019 4:17	0.20			
SR4	9/23/2019 4:37	0.23				SR12	9/23/2019 4:37	0.20			
SR4	9/23/2019 4:57	0.22				SR12	9/23/2019 4:57	0.21			
SR4	9/23/2019 5:17	0.21				SR12	9/23/2019 5:17	0.22			
SR4	9/23/2019 5:37	0.21				SR12	9/23/2019 5:37	0.22			
SR4	9/23/2019 5:57	0.21				SR12	9/23/2019 5:57	0.20			
SR4						SR12					
SR4	9/23/2019 6:37	0.23				SR12	9/23/2019 6:37	0.21			
SR4	9/23/2019 6:57	0.23				SR12	9/23/2019 6:57	0.21			
SR4	9/23/2019 7:17	0.23				SR12	9/23/2019 7:17	0.22			
SR4	9/23/2019 7:37	0.22				SR12	9/23/2019 7:37	0.21			
SR4	9/23/2019 7:57	0.23				SR12	9/23/2019 7:57	0.22			
SR4	9/23/2019 8:17	0.21				SR12	9/23/2019 8:17	0.20			
SR4	9/23/2019 8:37	0.22				SR12	9/23/2019 8:37	0.18			
SR4	9/23/2019 8:57	0.22				SR12	9/23/2019 8:57	0.20			
SR4	9/23/2019 9:17	0.22				SR12	9/23/2019 9:17	0.19			
SR4	9/23/2019 9:37	0.23				SR12	9/23/2019 9:37	0.19			
SR4	9/23/2019 9:57	0.21				SR12					
SR4	9/23/2019 10:17	0.22				SR12					
SR4	9/23/2019 10:37	0.22				SR12					
SR4	9/23/2019 10:57	0.23				SR12					
SR4	9/23/2019 11:17	0.23				SR12					
SR4	9/23/2019 11:37	0.22				SR12	9/23/2019 11:37	0.19			
SR4	9/23/2019 11:57	0.19				SR12	9/23/2019 11:57	0.18			
SR4						SR12	9/23/2019 12:17	0.20			
SR4						SR12	9/23/2019 12:37	0.19			
SR4						SR12	9/23/2019 12:57	0.19			
SR4						SR12	9/23/2019 13:17	0.18			
SR4						SR12	9/23/2019 13:37	0.20			
SR4	9/23/2019 13:57	0.19				SR12	9/23/2019 13:57	0.20			
SR4	9/23/2019 14:17	0.19				SR12	9/23/2019 14:17	0.18			
SR4	9/23/2019 14:37	0.20				SR12	9/23/2019 14:37	0.20			
SR4	9/23/2019 14:57	0.20				SR12	9/23/2019 14:57	0.19			
SR4	9/23/2019 15:17	0.21				SR12	9/23/2019 15:17	0.19			
SR4	9/23/2019 15:37	0.20				SR12	9/23/2019 15:37	0.19			
SR4	9/23/2019 15:57	0.19				SR12	9/23/2019 15:57	0.19			
SR4	9/23/2019 16:17	0.20				SR12	9/23/2019 16:17	0.20			
SR4	9/23/2019 16:37	0.21				SR12	9/23/2019 16:37	0.18			
SR4	9/23/2019 16:57	0.20				SR12	9/23/2019 16:57	0.18			
SR4	9/23/2019 17:17	0.19				SR12	9/23/2019 17:17	0.18			
SR4	9/23/2019 17:37	0.20				SR12	9/23/2019 17:37	0.18			
SR4	9/23/2019 17:57	0.19				SR12	9/23/2019 17:57	0.18			
SR4	9/23/2019 18:17	0.21				SR12	9/23/2019 18:17	0.19			
SR4	9/23/2019 18:37	0.19				SR12	9/23/2019 18:37	0.19			
SR4	9/23/2019 18:57	0.20				SR12	9/23/2019 18:57	0.20			
SR4	9/23/2019 19:17	0.20				SR12	9/23/2019 19:17	0.20			
SR4	9/23/2019 19:37	0.19				SR12	9/23/2019 19:37	0.18			
SR4	9/23/2019 19:57	0.21				SR12	9/23/2019 19:57	0.18			
SR4	9/23/2019 20:17	0.20				SR12	9/23/2019 20:17	0.19			
SR4	9/23/2019 20:37	0.20				SR12	9/23/2019 20:37	0.19			
SR4	9/23/2019 20:57	0.19				SR12	9/23/2019 20:57	0.20			
SR4	9/23/2019 21:17	0.21				SR12	9/23/2019 21:17	0.19			
SR4	9/23/2019 21:37	0.21				SR12	9/23/2019 21:37	0.19			
SR4	9/23/2019 21:57	0.21				SR12	9/23/2019 21:57	0.18			
SR4	9/23/2019 22:17	0.21				SR12	9/23/2019 22:17	0.19			
SR4	9/23/2019 22:37	0.21				SR12	9/23/2019 22:37	0.19			
SR4	9/23/2019 22:57	0.20				SR12	9/23/2019 22:57	0.20			
SR4	9/23/2019 23:17	0.20				SR12	9/23/2019 23:17	0.18			
SR4	9/23/2019 23:37	0.19				SR12	9/23/2019 23:37	0.18			
SR4	9/23/2019 23:57	0.18				SR12	9/23/2019 23:57	0.20			

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 12:11-13:26.
SR12 monitoring station was under maintenance during 9:51-11:06.
SR13 monitoring station was under maintenance during 15:40-16:00.

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	9/24/2019 0:01	29.14	81.3	5.38	2.6	SR4	9/24/2019 6:01	29.06	65.6	4.38	1.5	SR4	9/24/2019 12:01	29.34	71.9	4.79	4.5	SR4	9/24/2019 18:01	29.15	85.6	5.68	5.8
SR4	9/24/2019 0:06	29.14	79.8	5.28	2.2	SR4	9/24/2019 6:06	29.07	65.4	4.33	1.7	SR4	9/24/2019 12:06	29.36	74.9	4.97	4.0	SR4	9/24/2019 18:06	29.13	85.6	5.62	6.0
SR4	9/24/2019 0:11	29.14	77.2	5.10	1.7	SR4	9/24/2019 6:11	29.07	66.3	4.36	**14.3**	SR4	9/24/2019 12:11	29.34	77.9	5.20	5.1	SR4	9/24/2019 18:11	29.13	85.9	5.71	5.6
SR4	9/24/2019 0:16	29.12	80.8	5.41	2.4	SR4	9/24/2019 6:16	29.02	72.3	4.85	2.5	SR4	9/24/2019 12:16	29.33	82.6	5.48	4.6	SR4	9/24/2019 18:16	29.13	87.2	5.80	5.6
SR4	9/24/2019 0:21	29.12	80.1	5.26	2.7	SR4	9/24/2019 6:21	29.07	67.9	4.56	1.3	SR4	9/24/2019 12:21	29.33	85.9	5.63	4.0	SR4	9/24/2019 18:21	29.10	82.9	5.47	3.7
SR4	9/24/2019 0:26	29.12	77.2	5.06	1.9	SR4	9/24/2019 6:26	29.08	66.0	4.39	1.5	SR4	9/24/2019 12:26	29.34	79.8	5.34	6.9	SR4	9/24/2019 18:26	29.12	80.3	5.29	3.4
SR4	9/24/2019 0:31	29.13	75.7	4.98	2.2	SR4	9/24/2019 6:31	29.06	62.8	4.21	2.7	SR4	9/24/2019 12:31	29.33	84.4	5.57	3.6	SR4	9/24/2019 18:31	29.12	83.8	5.50	4.9
SR4	9/24/2019 0:36	29.13	78.5	5.14	3.5	SR4	9/24/2019 6:36	29.05	70.8	4.66	1.4	SR4	9/24/2019 12:36	29.30	83.2	5.50	3.6	SR4	9/24/2019 18:36	29.13	84.0	5.52	4.5
SR4	9/24/2019 0:41	29.13	76.9	5.02	3.4	SR4	9/24/2019 6:41	29.06	74.8	4.91	2.0	SR4	9/24/2019 12:41	29.29	81.3	5.42	2.6	SR4	9/24/2019 18:41	29.13	82.1	5.42	4.2
SR4	9/24/2019 0:46	29.10	74.6	4.88	1.9	SR4	9/24/2019 6:46	29.06	73.2	4.88	1.7	SR4	9/24/2019 12:46	29.30	88.3	5.81	3.5	SR4	9/24/2019 18:46	29.12	77.6	5.18	3.2
SR4	9/24/2019 0:51	29.11	74.9	4.91	4.2	SR4	9/24/2019 6:51	29.08	72.2	4.85	2.1	SR4	9/24/2019 12:51	29.31	89.5	5.84	3.4	SR4	9/24/2019 18:51	29.12	76.1	5.04	3.3
SR4	9/24/2019 0:56	29.07	69.1	4.62	1.7	SR4	9/24/2019 6:56	29.07	76.7	5.05	2.1	SR4	9/24/2019 12:56	29.29	92.8	6.12	4.2	SR4	9/24/2019 18:56	29.14	79.4	5.22	4.4
SR4	9/24/2019 1:01	29.08	72.2	4.73	2.1	SR4	9/24/2019 7:01	29.07	73.1	4.87	2.4	SR4	9/24/2019 13:01	29.28	96.9	6.37	5.5	SR4	9/24/2019 19:01	29.14	78.4	5.26	3.7
SR4	9/24/2019 1:06	29.09	71.4	4.68	1.8	SR4	9/24/2019 7:06	29.13	72.3	4.78	3.8	SR4	9/24/2019 13:06	29.28	97.3	6.40	3.7	SR4	9/24/2019 19:06	29.14	77.1	5.12	3.7
SR4	9/24/2019 1:11	29.12	76.0	4.98	3.4	SR4	9/24/2019 7:11	29.11	73.3	4.81	5.4	SR4	9/24/2019 13:11	29.32	93.3	6.23	2.5	SR4	9/24/2019 19:11	29.14	73.5	4.88	2.9
SR4	9/24/2019 1:16	29.12	76.9	5.06	4.0	SR4	9/24/2019 7:16	29.10	73.2	4.91	3.1	SR4	9/24/2019 13:16	29.33	96.3	6.30	2.2	SR4	9/24/2019 19:16	29.14	79.5	5.26	3.7
SR4	9/24/2019 1:21	29.12	76.8	5.10	4.5	SR4	9/24/2019 7:21	29.10	71.0	4.72	2.5	SR4	9/24/2019 13:21	29.35	95.2	6.22	2.5	SR4	9/24/2019 19:21	29.14	75.4	5.00	**15.1**
SR4	9/24/2019 1:26	29.18	80.9	5.35	5.1	SR4	9/24/2019 7:26	29.07	72.4	4.79	2.7	SR4	9/24/2019 13:26	29.41	95.0	6.20	2.3	SR4	9/24/2019 19:26	29.13	79.2	5.20	3.0
SR4	9/24/2019 1:31	29.18	79.5	5.26	3.6	SR4	9/24/2019 7:31	29.08	74.6	4.97	4.7	SR4	9/24/2019 13:31	29.63	82.2	5.52	1.3	SR4	9/24/2019 19:31	29.14	79.2	5.24	3.9
SR4	9/24/2019 1:36	29.18	80.1	5.27	3.0	SR4	9/24/2019 7:36	29.08	73.1	4.84	3.7	SR4	9/24/2019 13:36	29.42	90.5	5.94	2.8	SR4	9/24/2019 19:36	29.14	78.2	5.16	4.1
SR4	9/24/2019 1:41	29.18	78.3	5.21	2.8	SR4	9/24/2019 7:41	29.11	75.0	4.99	6.7	SR4	9/24/2019 13:41	29.31	84.3	5.45	3.0	SR4	9/24/2019 19:41	29.13	79.1	5.28	3.8
SR4	9/24/2019 1:46	29.18	78.8	5.20	3.0	SR4	9/24/2019 7:46	29.11	76.7	5.04	7.7	SR4	9/24/2019 13:46	29.30	86.3	5.58	2.8	SR4	9/24/2019 19:46	29.14	80.8	5.29	3.7
SR4	9/24/2019 1:51	29.17	81.5	5.33	3.3	SR4	9/24/2019 7:51	29.12	76.1	5.06	6.4	SR4	9/24/2019 13:51	29.30	85.8	5.55	3.4	SR4	9/24/2019 19:51	29.14	80.5	5.28	4.0
SR4	9/24/2019 1:56	29.17	79.9	5.22	2.6	SR4	9/24/2019 7:56	29.12	75.3	4.98	6.0	SR4	9/24/2019 13:56	29.21	88.6	5.75	3.0	SR4	9/24/2019 19:56	29.14	80.2	5.24	5.2
SR4	9/24/2019 2:01	29.17	79.7	5.27	6.2	SR4	9/24/2019 8:01	29.10	69.6	4.57	3.4	SR4	9/24/2019 14:01	29.22	88.4	5.73	3.8	SR4	9/24/2019 20:01	29.14	77.0	5.10	3.6
SR4	9/24/2019 2:06	29.16	76.3	5.03	4.1	SR4	9/24/2019 8:06	29.08	70.5	4.69	5.3	SR4	9/24/2019 14:06	29.24	88.4	5.72	3.2	SR4	9/24/2019 20:06	29.14	76.1	5.11	3.9
SR4	9/24/2019 2:11	29.16	76.6	5.06	2.0	SR4	9/24/2019 8:11	29.12	75.6	4.96	3.9	SR4	9/24/2019 14:11	29.16	89.8	5.83	2.4	SR4	9/24/2019 20:11	29.13	76.2	5.03	3.1
SR4	9/24/2019 2:16	29.16	77.6	5.15	2.1	SR4	9/24/2019 8:16	29.10	76.8	5.03	4.0	SR4	9/24/2019 14:16	29.30	86.9	5.62	2.7	SR4	9/24/2019 20:16	29.10	77.3	5.15	3.3
SR4	9/24/2019 2:21	29.15	75.8	5.08	2.9	SR4	9/24/2019 8:21	29.10	76.8	5.02	4.3	SR4	9/24/2019 14:21	29.34	84.5	5.46	2.3	SR4	9/24/2019 20:21	29.12	77.0	5.12	3.3
SR4	9/24/2019 2:26	29.15	76.3	5.10	1.9	SR4	9/24/2019 8:26	29.12	77.3	5.09	4.1	SR4	9/24/2019 14:26	29.36	77.2	5.05	3.5	SR4	9/24/2019 20:26	29.10	75.8	4.96	2.2
SR4	9/24/2019 2:31	29.17	75.4	4.94	2.6	SR4	9/24/2019 8:31	29.12	76.9	5.08	4.5	SR4	9/24/2019 14:31	29.41	85.5	5.63	3.3	SR4	9/24/2019 20:31	29.02	75.1	4.94	2.1
SR4	9/24/2019 2:36	29.17	74.0	4.86	2.5	SR4	9/24/2019 8:36	29.14	78.0	5.14	3.8	SR4	9/24/2019 14:36	29.40	83.8	5.63	3.1	SR4	9/24/2019 20:36	29.06	81.8	5.45	2.6
SR4	9/24/2019 2:41	29.17	69.5	4.55	2.1	SR4	9/24/2019 8:41	29.15	79.1	5.22	4.3	SR4	9/24/2019 14:41	29.36	67.2	4.45	4.0	SR4	9/24/2019 20:41	29.05	86.1	5.64	2.8
SR4	9/24/2019 2:46	29.17	72.2	4.72	2.3	SR4	9/24/2019 8:46	29.15	77.1	5.12	5.9	SR4	9/24/2019 14:46	29.33	81.5	5.28	3.2	SR4	9/24/2019 20:46	29.05	82.6	5.52	2.4
SR4	9/24/2019 2:51	29.17	70.2	4.64	1.9	SR4	9/24/2019 8:51	29.16	79.2	5.28	8.9	SR4	9/24/2019 14:51	29.21	83.5	5.40	4.9	SR4	9/24/2019 20:51	29.04	87.2	5.72	2.9
SR4	9/24/2019 2:56	29.18	68.8	4.54	2.6	SR4	9/24/2019 8:56	29.18	81.8	5.34	8.9	SR4	9/24/2019 14:56	29.17	84.5	5.48	4.5	SR4	9/24/2019 20:56	29.03	79.7	5.27	1.9
SR4	9/24/2019 3:01	29.17	74.1	4.94	2.6	SR4	9/24/2019 9:01	29.18	83.0	5.44	7.1	SR4	9/24/2019 15:01	29.14	83.9	5.44	5.1	SR4	9/24/2019 21:01	29.04	83.1	5.48	2.6
SR4	9/24/2019 3:06	29.17	75.9	4.97	2.4	SR4	9/24/2019 9:06	29.15	76.7	5.06	3.5	SR4	9/24/2019 15:06	29.15	83.7	5.42	5.8	SR4	9/24/2019 21:06	29.05	82.3	5.44	2.0
SR4	9/24/2019 3:11	29.17	71.4	4.75	2.0	SR4	9/24/2019 9:11	29.10	74.3	4.96	4.9	SR4	9/24/2019 15:11	29.06	82.5	5.35	6.2	SR4	9/24/2019 21:11	29.05	82.5	5.50	2.6
SR4	9/24/2019 3:16	29.17	71.4	4.76	2.1	SR4	9/24/2019 9:16	29.04	65.6	4.39	2.9	SR4	9/24/2019 15:16	29.06	83.4	5.40	9.3	SR4	9/24/2019 21:16	29.06	79.6	5.34	2.4
SR4	9/24/2019 3:21	29.12	71.5	4.80	2.0	SR4	9/24/2019 9:21	29.16	73.5	4.87	3.1	SR4	9/24/2019 15:21	29.07	82.6	5.35	4.8	SR4	9/24/2019 21:21	29.02	83.9	5.48	2.6
SR4	9/24/2019 3:26	29.15	72.2	4.79	1.7	SR4	9/24/2019 9:26	29.18	69.2	4.64	2.9	SR4	9/24/2019 15:26	29.07	80.7	5.23	4.0	SR4	9/24/2019 21:26	29.03	83.5	5.56	3.2
SR4	9/24/2019 3:31	29.15	71.4	4.76	2.3	SR4	9/24/2019 9:31	29.19	73.6	4.90	6.9	SR4	9/24/2019 15:31	29.06	81.0	5.25	3.7	SR4	9/24/2019 21:31	29.03	86.2	5.65	2.0
SR4	9/24/2019 3:36	29.16	72.0	4.82	2.3	SR4	9/24/2019 9:36	29.20	75.6	5.00	4.8	SR4	9/24/2019 15:36	29.05	79.9	5.19	4.7	SR4	9/24/2019 21:36	29.05	84.6	5.63	3.1
SR4	9/24/2019 3:41	29.15	71.4	4.67	2.0	SR4	9/24/2019 9:41	29.22	77.9	5.12	4.0	SR4	9/24/2019 15:41	29.06	79.8	5.17	5.0	SR4	9/24/2019 21:41	29.04	85.0	5.58	2.4
SR4	9/24/2019 3:46	29.16	72.4	4.86	1.8	SR4	9/24/2019 9:46	29.23	77.6	5.10	5.6	SR4	9/24/2019 15:46	29.00	76.6	4.98	2.9	SR4	9/24/2019 21:46	29.04	82.8	5.52	2.7
SR4	9/24/2019 3:51	29.16	72.3	4.80	1.6	SR4	9/24/2019 9:51	29.21	78.0	5.21	5.9	SR4	9/24/2019 15:51	29.09	78.4	5.08	3.4	SR4	9/24/2019 21:51	29.04	82.9	5.51	3.1
SR4	9/24/2019 3:56	29.14	72.6	4.75	1.8	SR4	9/24/2019 9:56	29.22	77.4	5.20	5.6	SR4	9/24/2019 15:56	29.11	78.2	5.07	3.5	SR4	9/24/2019 21:56	29.04	82.4	5.45	2.2
SR4	9/24/2019 4:01	29.14	73.4	4.90	1.7	SR4	9/24/2019 10:01	29.21	75.4	5.06	5.4	SR4	9/24/2019 16:01	29.11	78.6	5.10	4.1	SR4	9/24/2019 22:01	29.04	82.7	5.41	2.4
SR4	9/24/2019 4:06	29.09	70.8	4.72	1.5	SR4	9/24/2019 10:06	29.18	77.1	5.11	7.2	SR4	9/24/2019 16:06	29.14	78.2	5.07	3.4	SR4	9/24/2019 22:06	29.03	84.7	5.56	3.6
SR4	9/24/2019 4:11	29.06	73.4	4.82	1.9	SR4	9/24/2019 10:11	29.17	79.9	5.27	**11.1**	SR4	9/24/2019 16:11	29.08	87.0	5.74	2.5	SR4	9/24/2019 22:11	29.03	79.4	5.29	1.8
SR4	9/24/2019 4:16	29.01	71.5	4.76	1.8	SR4	9/24/2019 10:16	29.18	79.0	5.20	7.5	SR4	9/24/2019 16:16	29.15	91.6	5.98	4.3	SR4	9/24/2019 22:16	29.02	86.2	5.63	5.4
SR4	9/24/2019 4:21	29.04	70.8	4.70	1.7	SR4	9/24/2019 10:21	29.18	78.0	5.15	7.9	SR4	9/24/2019 16:21	29.14	93.5	6.14	4.5	SR4	9/24/2019 22:21	29.00	80.9	5.42	2.4
SR4	9/24/2019 4:26	29.03	71.5	4.73	1.5	SR4	9/24/2019 10:26	29.19	82.6	5.54	9.7	SR4	9/24/2019 16:26	29.16	92.2	6.04	4.2	SR4	9/24/2019 22:26	29.02	83.4	5.46	2.2
SR4	9/24/2019 4:31	29.04	71.6	4.70	1.5	SR4	9/24/2019 10:31	29.19	82.0	5.48	9.1	SR4	9/24/2019 16:31	29.14	91.8	6.10	3.6	SR4	9/24/2019 22:31	29.01	77.8	5.21	1.9
SR4	9/24/2019 4:36	29.09	70.8	4.74	1.6	SR4	9/24/2019 10:36	29.22	80.1	5.35	7.0	SR4	9/24/2019 16:36	29.12	92.5	6.08	4.0	SR4	9/24/2019 22:36	28.94	77.1	5.11	1.1
SR4	9/24/2019 4:41	29.08	69.1	4.58	2.0	SR4	9/24/2019 10:41	29.21	80.9	5.38	9.1	SR4	9/24/2019 16:41	29.13	88.7	5.93	3.8	SR4	9/24/2019 22:41	28.99	78.6	5.21	1.6
SR4	9/24/2019 4:46	29.06	71.3	4.68	1.3	SR4	9/24/2019 10:46	29.14	63.2	4.20	3.5	SR4	9/24/2019 16:46	29.12	86.6	5.76	3.1	SR4	9/24/2019 22:46	28.97	74.7	4.96	2.0
SR4	9/24/2019 4:51	29.05	70.6	4.63	1.4	SR4	9/24/2019 10:51	29.21	77.5	5.12	4.8	SR4	9/24/2019 16:51	29.14	85.7	5.72	2.9	SR4	9/24/2019 22:51	29.01	80.4	5.33	2.2
SR4	9/24/2019 4:56	29.00	75.0	4.98	1.9	SR4	9/24/2019 10:56	29.23	80.6	5.26	5.6	SR4	9/24/2019 16:56	29.15	82.9	5.44	2.4	SR4	9/24/2019 22:56	28.97	78.8	5.27	1.9
SR4	9/24/2019 5:01	29.00	71.4	4.79	1.3	SR4	9/24/2019 11:01	29.28	79.0	5.17	5.3	SR4	9/24/2019 17:01	29.13	88.7	5.80	3.7	SR4	9/24/2019 23:01	29.01	78.7	5.28	2.2
SR4	9/24/2019 5:06	29.02	70.0	4.70	1.2	SR4	9/24/2019 11:06	29.24	82.2	5.42	6.5	SR4	9/24/2019 17:06	29.14	85.3	5.71	5.9	SR4	9/24/2019 23:06	28.87	73.9	4.91	1.3
SR4	9/24/2019 5:11	29.02	72.0	4.76	1.1	SR4	9/24/2019 11:11	29.22	82.4	5.51	6.4	SR4	9/24/2019 17:11	29.15	87.8	5.74	5.1	SR4	9/24/2019 23:11	28.71	64.9	4.36	1.1
SR4	9/24/2019 5:16	29.02	73.5	4.81	2.9	SR4	9/24/2019 11:16	29.19	84.0	5.50	9.4	SR4	9/24/2019 17:16	29.15	86.3	5.64	4.6	SR4	9/24/2019 23:16	28.81	70.1	4.61	1.0
SR4	9/24/2019 5:21	29.02	69.4	4.62	1.4	SR4	9/24/2019 11:21	29.29	73.6	4.94	4.5	SR4	9/24/2019 17:21	29.14	87.8	5.82	5.1	SR4	9/24/2019 23:21	28.90	79.3	5.28	2.0
SR4	9/24/2019 5:26	29.02	70.8	4.63	1.2	SR4	9/24/2019 11:26	29.30	71.1	4.67	4.5	SR4	9/24/2019 17:26	29.13	85.8	5.72	4.7	SR4	9/24/2019 23:26	28.96	83.1	5.58	2.5
SR4	9/24/2019 5:31	29.03	69.5	4.63	1.6	SR4	9/24/2019 11:31	29.31	73.6	4.85	4.4	SR4	9/24/2019 17:31	29.14	86.6	5.77	5.2	SR4	9/24/2019 23:31	28.97	84.6	5.54	2.0
SR4	9/24/2019 5:36	29.02	69.6	4.67	4.6	SR4	9/24/2019 11:36	29.37	67.7	4.51	3.6	SR4	9/24/2019 17:36	29.11	83.4	5.59	3.5	SR4	9/24/2019 23:36	28.98	83.3	5.46	2.0
SR4	9/24/2019 5:41	29.02	70.8	4.70	1.6	SR4	9/24/2019 11:41	29.36	83.3	5.44	5.3	SR4	9/24/2019 17:41	29.12	85.6	5.74	5.5	SR4	9/24/2019 23:41	28.88	78.7	5.17	1.3
SR4	9/24/2019 5:46	29.06	66.7	4.45	1.3	SR4	9/24/2019 11:46	29.34	84.7	5.54	4.4	SR4	9/24/2019 17:46	29.12	84.4	5.66	5.1	SR4	9/24/2019 23:46	28.94	83.4	5.58	2.6
SR4	9/24/2019 5:51	29.06	66.5	4.37	1.7	SR4	9/24/2019 11:51	29.33	70.4	4.68	5.0	SR4	9/24/2019 17:51	29.10	86.1	5.69	4.4	SR4	9/24/2019 23:51	28.94	83.6	5.46	2.0
SR4	9/24/2019 5:56	29.07	61.5	4.07	2.2	SR4	9/24/2019 11:56	29.32	74.8	4.93	9.2	SR4	9/24/2019 17:56	29.12	83.2	5.56	4.3	SR4	9/24/2019 23:56	28.97	82.6	5.51	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)
SR5	9/24/2019 0:00	28.94	81.6	5.63	3.4	SR5	9/24/2019 6:00	28.93	76.1	5.35	5.0	SR5	9/24/2019 12:00	28.71	78.4	5.40	7.7	SR5	9/24/2019 18:00	29.04	84.2	5.39	3.7
SR5	9/24/2019 0:05	28.92	80.8	5.60	3.3	SR5	9/24/2019 6:05	28.95	76.0	5.29	4.9	SR5	9/24/2019 12:05	28.73	78.6	5.44	7.7	SR5	9/24/2019 18:05	29.03	84.7	5.41	4.2
SR5	9/24/2019 0:10	28.93	79.7	5.53	3.3	SR5	9/24/2019 6:10	28.95	76.4	5.29	5.0	SR5	9/24/2019 12:10	28.77	85.8	5.49	4.9	SR5	9/24/2019 18:10	29.03	84.1	5.38	4.8
SR5	9/24/2019 0:15	28.90	81.4	5.65	3.3	SR5	9/24/2019 6:15	28.95	79.8	5.57	5.3	SR5	9/24/2019 12:15	28.79	84.6	5.84	6.3	SR5	9/24/2019 18:15	29.04	84.0	5.37	2.5
SR5	9/24/2019 0:20	28.89	80.9	5.56	3.2	SR5	9/24/2019 6:20	28.97	78.3	5.49	5.5	SR5	9/24/2019 12:20	28.70	94.4	6.09	4.0	SR5	9/24/2019 18:20	29.04	84.6	5.41	4.2
SR5	9/24/2019 0:25	28.89	79.1	5.48	3.4	SR5	9/24/2019 6:25	28.96	77.6	5.43	5.4	SR5	9/24/2019 12:25	28.73	94.3	6.09	3.9	SR5	9/24/2019 18:25	29.04	83.6	5.35	3.3
SR5	9/24/2019 0:30	28.88	78.5	5.46	3.3	SR5	9/24/2019 6:30	28.94	76.3	5.34	6.1	SR5	9/24/2019 12:30	28.66	107.6	6.98	4.3	SR5	9/24/2019 18:30	29.04	83.5	5.34	4.9
SR5	9/24/2019 0:35	28.89	80.0	5.51	3.7	SR5	9/24/2019 6:35	28.94	79.7	5.54	6.1	SR5						SR5	9/24/2019 18:35	29.04	83.5	5.34	3.0
SR5	9/24/2019 0:40	28.87	79.0	5.45	3.5	SR5	9/24/2019 6:40	28.97	81.5	5.62	6.1	SR5						SR5	9/24/2019 18:40	29.04	83.3	5.33	5.0
SR5	9/24/2019 0:45	28.90	78.0	5.40	3.2	SR5	9/24/2019 6:45	28.93	80.4	5.59	6.3	SR5						SR5	9/24/2019 18:45	29.03	83.1	5.31	4.4
SR5	9/24/2019 0:50	28.89	77.8	5.37	3.2	SR5	9/24/2019 6:50	28.86	80.0	5.60	6.2	SR5						SR5	9/24/2019 18:50	29.04	83.0	5.31	4.7
SR5	9/24/2019 0:55	28.88	74.6	5.20	3.2	SR5	9/24/2019 6:55	28.91	82.2	5.66	6.4	SR5	9/24/2019 12:55	28.83	108.2	7.03	3.2	SR5	9/24/2019 18:55	29.04	83.4	5.33	4.2
SR5	9/24/2019 1:00	28.88	76.4	5.27	3.2	SR5	9/24/2019 7:00	28.71	80.1	5.57	6.5	SR5	9/24/2019 13:00	28.80	105.5	6.86	4.5	SR5	9/24/2019 19:00	29.05	83.4	5.33	4.2
SR5	9/24/2019 1:05	28.87	75.6	5.25	3.2	SR5	9/24/2019 7:05	28.91	80.3	5.60	6.4	SR5	9/24/2019 13:05	28.81	106.3	6.90	3.6	SR5	9/24/2019 19:05	29.06	82.7	5.28	2.5
SR5	9/24/2019 1:10	28.88	77.7	5.37	3.2	SR5	9/24/2019 7:10	28.85	81.3	5.64	6.3	SR5	9/24/2019 13:10	28.82	107.6	6.98	2.3	SR5	9/24/2019 19:10	29.06	82.6	5.28	2.6
SR5	9/24/2019 1:15	28.87	78.0	5.40	3.2	SR5	9/24/2019 7:15	28.63	81.2	5.66	6.7	SR5	9/24/2019 13:15	28.78	104.2	6.77	2.3	SR5	9/24/2019 19:15	29.06	82.4	5.26	3.5
SR5	9/24/2019 1:20	28.88	77.5	5.37	3.2	SR5	9/24/2019 7:20	28.63	80.4	5.61	6.9	SR5	9/24/2019 13:20	28.78	104.8	6.80	3.7	SR5	9/24/2019 19:20	29.06	82.3	5.25	3.1
SR5	9/24/2019 1:25	28.88	79.2	5.46	3.2	SR5	9/24/2019 7:25	28.61	81.1	5.63	7.1	SR5	9/24/2019 13:25	28.77	104.8	6.80	2.4	SR5	9/24/2019 19:25	29.07	81.8	5.22	4.7
SR5	9/24/2019 1:30	28.87	78.1	5.42	3.2	SR5	9/24/2019 7:30	28.49	82.6	5.74	7.2	SR5	9/24/2019 13:30	28.77	105.0	6.81	4.6	SR5	9/24/2019 19:30	29.07	82.2	5.25	4.5
SR5	9/24/2019 1:35	28.86	78.4	5.42	3.1	SR5	9/24/2019 7:35	28.67	82.2	5.74	7.4	SR5	9/24/2019 13:35	28.79	106.6	6.92	4.7	SR5	9/24/2019 19:35	29.07	82.4	5.26	4.9
SR5	9/24/2019 1:40	28.87	77.6	5.36	3.1	SR5	9/24/2019 7:40	28.58	82.6	5.73	7.3	SR5	9/24/2019 13:40	28.79	106.4	6.90	3.6	SR5	9/24/2019 19:40	29.07	82.6	5.27	2.8
SR5	9/24/2019 1:45	28.90	77.9	5.38	3.1	SR5	9/24/2019 7:45	28.66	82.6	5.70	7.4	SR5	9/24/2019 13:45	28.87	109.8	7.11	4.2	SR5	9/24/2019 19:45	29.08	82.6	5.27	2.7
SR5	9/24/2019 1:50	28.94	79.2	5.43	3.2	SR5	9/24/2019 7:50	28.65	82.0	5.72	7.3	SR5	9/24/2019 13:50	28.81	107.0	6.94	5.2	SR5	9/24/2019 19:50	29.08	82.9	5.29	4.0
SR5	9/24/2019 1:55	28.98	78.2	5.38	3.2	SR5	9/24/2019 7:55	28.74	82.2	5.68	7.3	SR5	9/24/2019 13:55	28.84	108.9	7.06	5.1	SR5	9/24/2019 19:55	29.08	82.7	5.27	4.2
SR5	9/24/2019 2:00	29.01	77.9	5.38	3.2	SR5	9/24/2019 8:00	28.72	80.1	5.54	7.1	SR5	9/24/2019 14:00	28.90	109.2	7.07	2.5	SR5	9/24/2019 20:00	29.08	81.9	5.23	2.4
SR5	9/24/2019 2:05	29.02	76.1	5.26	3.2	SR5	9/24/2019 8:05	28.74	80.8	5.62	7.2	SR5	9/24/2019 14:05	28.88	109.7	7.10	4.0	SR5	9/24/2019 20:05	29.09	82.5	5.26	2.1
SR5	9/24/2019 2:10	28.94	76.1	5.25	3.2	SR5	9/24/2019 8:10	28.71	82.9	5.71	7.1	SR5	9/24/2019 14:10	28.84	109.5	7.10	4.0	SR5	9/24/2019 20:10	29.09	82.3	5.25	3.9
SR5	9/24/2019 2:15	28.94	76.5	5.31	3.2	SR5	9/24/2019 8:15	28.65	84.4	5.82	6.9	SR5	9/24/2019 14:15	28.80	104.9	6.80	5.1	SR5	9/24/2019 20:15	29.09	82.7	5.27	2.8
SR5	9/24/2019 2:20	28.92	75.8	5.26	3.3	SR5	9/24/2019 8:20	28.61	83.8	5.77	7.2	SR5	9/24/2019 14:20	28.79	100.2	6.49	2.6	SR5	9/24/2019 20:20	29.10	82.8	5.28	4.0
SR5	9/24/2019 2:25	28.87	76.3	5.32	3.3	SR5	9/24/2019 8:25	28.65	84.4	5.83	7.3	SR5	9/24/2019 14:25	28.80	99.5	6.44	4.6	SR5	9/24/2019 20:25	29.09	82.1	5.23	2.6
SR5	9/24/2019 2:30	29.00	75.6	5.30	3.3	SR5	9/24/2019 8:30	28.70	82.7	5.72	7.0	SR5	9/24/2019 14:30	28.80	98.7	6.39	2.4	SR5	9/24/2019 20:30	29.09	82.3	5.24	2.5
SR5	9/24/2019 2:35	28.96	75.1	5.26	3.2	SR5	9/24/2019 8:35	28.67	82.5	5.70	7.3	SR5	9/24/2019 14:35	28.81	98.7	6.39	2.6	SR5	9/24/2019 20:35	29.09	82.5	5.26	3.4
SR5	9/24/2019 2:40	29.03	74.0	5.22	3.2	SR5	9/24/2019 8:40	28.62	83.7	5.79	7.6	SR5	9/24/2019 14:40	28.83	97.7	6.32	4.0	SR5	9/24/2019 20:40	29.08	82.4	5.25	4.4
SR5	9/24/2019 2:45	28.97	75.0	5.33	3.2	SR5	9/24/2019 8:45	28.74	83.7	5.80	7.7	SR5	9/24/2019 14:45	28.84	99.6	6.44	3.7	SR5	9/24/2019 20:45	29.08	82.2	5.24	4.6
SR5	9/24/2019 2:50	28.96	74.9	5.27	3.3	SR5	9/24/2019 8:50	28.70	85.8	5.95	7.6	SR5	9/24/2019 14:50	28.89	101.1	6.53	4.4	SR5	9/24/2019 20:50	29.08	82.5	5.26	5.3
SR5	9/24/2019 2:55	29.07	74.9	5.30	3.2	SR5	9/24/2019 8:55	28.48	86.4	5.91	7.8	SR5	9/24/2019 14:55	28.94	104.0	6.72	5.0	SR5	9/24/2019 20:55	29.08	82.5	5.26	2.9
SR5	9/24/2019 3:00	29.13	75.4	5.24	3.2	SR5	9/24/2019 9:00	28.67	86.0	5.91	7.9	SR5	9/24/2019 15:00	28.94	104.4	6.74	4.6	SR5	9/24/2019 21:00	29.09	82.8	5.28	4.9
SR5	9/24/2019 3:05	29.12	76.9	5.32	3.2	SR5	9/24/2019 9:05	28.46	82.7	5.73	8.0	SR5	9/24/2019 15:05	28.92	101.5	6.55	4.1	SR5	9/24/2019 21:05	29.09	82.5	5.26	3.2
SR5	9/24/2019 3:10	29.13	75.0	5.21	3.3	SR5	9/24/2019 9:10	28.69	81.3	5.66	7.9	SR5	9/24/2019 15:10	28.92	102.9	6.64	2.8	SR5	9/24/2019 21:10	29.10	82.5	5.26	4.6
SR5	9/24/2019 3:15	29.14	75.4	5.26	3.3	SR5	9/24/2019 9:15	28.66	76.0	5.32	7.9	SR5	9/24/2019 15:15	28.94	103.3	6.67	3.6	SR5	9/24/2019 21:15	29.10	81.7	5.21	2.6
SR5	9/24/2019 3:20	29.08	75.6	5.29	3.2	SR5	9/24/2019 9:20	28.73	80.3	5.59	8.0	SR5	9/24/2019 15:20	28.93	103.0	6.65	5.0	SR5	9/24/2019 21:20	29.10	79.8	**5.09**	3.5
SR5	9/24/2019 3:25	29.07	76.5	5.29	3.4	SR5	9/24/2019 9:25	28.71	77.1	5.36	7.9	SR5	9/24/2019 15:25	28.92	101.2	6.53	4.1	SR5	9/24/2019 21:25	29.04	84.2	5.37	4.5
SR5	9/24/2019 3:30	29.11	76.5	5.36	3.4	SR5	9/24/2019 9:30	28.69	78.8	5.49	8.0	SR5	9/24/2019 15:30	28.89	97.3	6.28	5.4	SR5	9/24/2019 21:30	29.05	84.2	5.37	3.4
SR5	9/24/2019 3:35	29.13	77.0	5.38	3.4	SR5	9/24/2019 9:35	28.68	81.8	5.66	7.9	SR5	9/24/2019 15:35	28.88	97.2	6.27	2.6	SR5	9/24/2019 21:35	29.07	84.9	5.42	3.4
SR5	9/24/2019 3:40	29.14	76.6	5.28	3.3	SR5	9/24/2019 9:40	28.64	83.3	5.76	7.9	SR5	9/24/2019 15:40	28.88	96.9	6.26	5.3	SR5	9/24/2019 21:40	29.03	84.0	5.37	2.7
SR5	9/24/2019 3:45	29.14	76.9	5.36	3.3	SR5	9/24/2019 9:45	28.54	82.0	5.66	8.1	SR5	9/24/2019 15:45	28.85	95.0	6.13	5.5	SR5	9/24/2019 21:45	29.02	82.6	5.28	2.9
SR5	9/24/2019 3:50	29.13	76.9	5.34	3.3	SR5	9/24/2019 9:50	28.58	82.3	5.69	8.2	SR5	9/24/2019 15:50	28.86	95.1	6.14	4.5	SR5	9/24/2019 21:50	29.06	84.1	5.36	3.9
SR5	9/24/2019 3:55	29.14	76.8	5.32	3.3	SR5	9/24/2019 9:55	28.59	82.6	5.74	8.3	SR5	9/24/2019 15:55	28.86	94.0	6.06	2.3	SR5	9/24/2019 21:55	29.07	84.4	5.39	2.6
SR5	9/24/2019 4:00	29.14	77.4	5.37	3.3	SR5	9/24/2019 10:00	28.57	82.2	5.73	8.2	SR5	9/24/2019 16:00	28.86	95.0	6.13	4.7	SR5	9/24/2019 22:00	29.07	84.0	5.36	5.1
SR5	9/24/2019 4:05	29.15	75.8	5.29	3.5	SR5	9/24/2019 10:05	28.63	83.0	5.72	8.4	SR5	9/24/2019 16:05	28.87	94.4	6.09	4.8	SR5	9/24/2019 22:05	29.07	84.1	5.36	3.2
SR5	9/24/2019 4:10	29.15	76.7	5.30	3.5	SR5	9/24/2019 10:10	28.64	84.8	5.83	8.4	SR5	9/24/2019 16:10	28.87	94.3	6.09	3.8	SR5	9/24/2019 22:10	29.08	84.1	5.37	2.8
SR5	9/24/2019 4:15	29.15	76.0	5.27	3.3	SR5	9/24/2019 10:15	28.67	84.7	5.83	8.4	SR5	9/24/2019 16:15	28.90	93.7	6.04	4.2	SR5	9/24/2019 22:15	29.06	84.1	5.37	3.1
SR5	9/24/2019 4:20	29.15	76.2	5.28	3.2	SR5	9/24/2019 10:20	28.67	85.8	5.92	8.4	SR5	9/24/2019 16:20	28.89	90.8	5.85	4.6	SR5	9/24/2019 22:20	29.04	84.6	5.40	2.9
SR5	9/24/2019 4:25	28.93	76.6	5.29	3.2	SR5	9/24/2019 10:25	28.69	88.0	6.09	8.4	SR5	9/24/2019 16:25	28.89	92.0	5.93	3.4	SR5	9/24/2019 22:25	29.00	86.1	5.50	3.6
SR5	9/24/2019 4:30	29.05	76.4	5.29	3.2	SR5	9/24/2019 10:30	28.68	87.1	6.03	8.4	SR5	9/24/2019 16:30	28.89	90.7	5.84	5.3	SR5	9/24/2019 22:30	29.01	86.1	5.50	4.9
SR5	9/24/2019 4:35	29.10	75.9	5.29	3.2	SR5	9/24/2019 10:35	28.69	85.9	5.96	8.1	SR5	9/24/2019 16:35	28.90	88.7	5.71	4.2	SR5	9/24/2019 22:35	29.00	86.2	5.51	3.4
SR5	9/24/2019 4:40	29.09	75.9	5.27	3.3	SR5	9/24/2019 10:40	28.69	86.4	5.99	8.1	SR5	9/24/2019 16:40	28.94	88.7	5.70	3.6	SR5	9/24/2019 22:40	29.00	86.5	5.53	2.3
SR5	9/24/2019 4:45	29.08	77.1	5.32	3.4	SR5	9/24/2019 10:45	28.66	76.5	5.31	8.1	SR5	9/24/2019 16:45	28.96	88.3	5.67	3.8	SR5	9/24/2019 22:45	29.00	86.6	5.54	4.4
SR5	9/24/2019 4:50	29.06	76.5	5.29	3.4	SR5	9/24/2019 10:50	28.67	84.6	5.84	8.1	SR5	9/24/2019 16:50	28.96	87.2	5.60	3.4	SR5	9/24/2019 22:50	29.00	86.2	5.51	4.4
SR5	9/24/2019 4:55	29.12	79.2	5.50	3.6	SR5	9/24/2019 10:55	28.65	85.6	5.88	8.1	SR5	9/24/2019 16:55	28.98	87.0	5.58	2.7	SR5	9/24/2019 22:55	29.00	86.7	5.54	3.8
SR5	9/24/2019 5:00	29.12	77.8	5.46	3.3	SR5	9/24/2019 11:00	28.58	84.8	5.81	8.1	SR5	9/24/2019 17:00	28.98	86.6	5.55	2.7	SR5	9/24/2019 23:00	29.00	86.4	5.53	5.6
SR5	9/24/2019 5:05	29.12	76.5	5.35	3.3	SR5	9/24/2019 11:05	28.61	86.5	5.95	8.1	SR5	9/24/2019 17:05	28.99	86.4	5.54	3.5	SR5	9/24/2019 23:05	28.98	87.0	5.57	5.2
SR5	9/24/2019 5:10	29.13	77.4	5.40	3.3	SR5	9/24/2019 11:10	28.59	87.1	6.03	8.0	SR5	9/24/2019 17:10	29.00	86.3	5.53	4.7	SR5	9/24/2019 23:10	29.00	86.7	5.54	6.4
SR5	9/24/2019 5:15	29.13	77.8	5.35	3.3	SR5	9/24/2019 11:15	28.63	87.9	6.03	8.2	SR5	9/24/2019 17:15	29.00	86.5	5.54	4.1	SR5	9/24/2019 23:15	28.99	87.5	5.60	5.3
SR5	9/24/2019 5:20	29.15	75.8	5.26	3.2	SR5	9/24/2019 11:20	28.64	83.0	5.77	8.1	SR5	9/24/2019 17:20	29.01	86.1	5.51	4.7	SR5	9/24/2019 23:20	29.00	87.2	5.58	5.2
SR5	9/24/2019 5:25	29.14	77.5	5.38	3.3	SR5	9/24/2019 11:25	28.67	81.9	5.63	7.7	SR5	9/24/2019 17:25	29.02	86.0	5.51	4.2	SR5	9/24/2019 23:25	28.98	87.6	5.60	3.8
SR5	9/24/2019 5:30	29.15	77.3	5.37	3.2	SR5	9/24/2019 11:30	28.66	83.1	5.72	7.8	SR5	9/24/2019 17:30	29.02	85.9	5.50	2.6	SR5	9/24/2019 23:30	28.99	87.8	5.62	5.5
SR5	9/24/2019 5:35	29.13	77.1	5.38	3.5	SR5	9/24/2019 11:35	28.65	79.2	5.51	7.6	SR5	9/24/2019 17:35	29.03	85.6	5.48	2.9	SR5	9/24/2019 23:35	28.98	87.7	5.61	5.6
SR5	9/24/2019 5:40	29.14	77.9	5.43	3.4	SR5	9/24/2019 11:40	28.67	84.8	5.81	7.6	SR5	9/24/2019 17:40	29.03	85.8	5.49	3.5	SR5	9/24/2019 23:40	28.98	88.2	5.64	5.0
SR5	9/24/2019 5:45	29.13	76.3	5.31	3.4	SR5	9/24/2019 11:45	28.70	85.2	5.81	7.9	SR5	9/24/2019 17:45	29.03	85.7	5.48	4.9	SR5	9/24/2019 23:45	28.98	88.0	5.63	4.2
SR5	9/24/2019 5:50	28.98	76.1	5.27	3.6	SR5	9/24/2019 11:50	28.73	77.2	5.32	7.8	SR5	9/24/2019 17:50	29.03	85.3	5.46	5.2	SR5	9/24/2019 23:50	28.99	87.7	5.61	6.3
SR5	9/24/2019 5:55	29.01	74.6	5.22	4.5	SR5	9/24/2019 11:55	28.72	80.0	5.52	7.8	SR5	9/24/2019 17:55	29.04	85.1	5.44	3.7	SR5	9/24/2019 23:55	28.99	87.5	5.60	4.8

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	9/24/2019 0:01	29.51	81.0	5.48	4.4	SR12	9/24/2019 6:01	29.89	81.9	5.52	4.2	SR12	9/24/2019 12:01	29.71	77.3	5.31	3.2	SR12	9/24/2019 18:01	29.50	78.4	5.34	6.6
SR12	9/24/2019 0:06	29.51	80.4	5.52	5.4	SR12	9/24/2019 6:06	29.89	81.0	5.47	4.0	SR12	9/24/2019 12:06	29.69	78.0	5.32	3.4	SR12	9/24/2019 18:06	29.49	78.5	5.36	9.5
SR12	9/24/2019 0:11	29.51	79.3	5.40	4.3	SR12	9/24/2019 6:11	29.86	79.7	5.42	4.9	SR12	9/24/2019 12:11	29.65	77.9	5.31	4.0	SR12	9/24/2019 18:11	29.50	79.4	5.44	6.9
SR12	9/24/2019 0:16	29.52	82.9	5.68	5.0	SR12	9/24/2019 6:16	29.95	80.9	5.52	4.5	SR12	9/24/2019 12:16	29.65	77.6	5.31	3.2	SR12	9/24/2019 18:16	29.49	78.8	5.37	8.5
SR12	9/24/2019 0:21	29.54	82.0	5.59	4.9	SR12	9/24/2019 6:21	30.01	83.5	5.74	3.4	SR12	9/24/2019 12:21	29.64	77.5	5.30	4.4	SR12	9/24/2019 18:21	29.50	80.5	5.55	8.3
SR12	9/24/2019 0:26	29.54	80.6	5.49	5.2	SR12	9/24/2019 6:26	29.98	80.9	5.48	4.5	SR12	9/24/2019 12:26	29.64	78.0	5.28	3.8	SR12	9/24/2019 18:26	29.50	80.8	5.56	8.4
SR12	9/24/2019 0:31	29.54	80.2	5.44	6.5	SR12	9/24/2019 6:31	30.02	83.3	5.66	3.2	SR12	9/24/2019 12:31	29.68	77.9	5.36	4.4	SR12	9/24/2019 18:31	29.52	79.5	5.44	6.9
SR12	9/24/2019 0:36	29.55	78.4	5.39	5.6	SR12	9/24/2019 6:36	30.01	80.9	5.50	3.9	SR12	9/24/2019 12:36	29.66	77.4	5.31	4.8	SR12	9/24/2019 18:36	29.52	79.4	5.42	8.2
SR12	9/24/2019 0:41	29.55	80.2	5.44	6.3	SR12	9/24/2019 6:41	30.00	79.7	5.42	3.3	SR12	9/24/2019 12:41	29.63	78.2	5.33	4.5	SR12	9/24/2019 18:41	29.48	69.1	4.73	5.8
SR12	9/24/2019 0:46	29.56	80.4	5.49	6.2	SR12	9/24/2019 6:46	30.00	78.5	5.36	5.0	SR12	9/24/2019 12:46	29.62	78.3	5.31	4.6	SR12	9/24/2019 18:46	29.52	76.0	5.20	5.8
SR12	9/24/2019 0:51	29.55	82.4	5.57	5.4	SR12	9/24/2019 6:51	30.01	80.9	5.47	3.5	SR12	9/24/2019 12:51	29.59	80.7	5.53	3.4	SR12	9/24/2019 18:51	29.53	78.4	5.32	6.0
SR12	9/24/2019 0:56	29.58	79.7	5.49	6.0	SR12	9/24/2019 6:56	29.98	82.1	5.53	4.0	SR12	9/24/2019 12:56	29.57	78.0	5.37	3.3	SR12	9/24/2019 18:56	29.55	76.2	5.17	5.5
SR12	9/24/2019 1:01	29.58	82.7	5.66	6.2	SR12	9/24/2019 7:01	30.03	80.2	5.45	5.3	SR12	9/24/2019 13:01	29.58	77.6	5.34	2.9	SR12	9/24/2019 19:01	29.54	78.7	5.34	7.0
SR12	9/24/2019 1:06	29.56	81.0	5.53	4.6	SR12	9/24/2019 7:06	29.95	76.6	5.22	3.4	SR12	9/24/2019 13:06	29.58	78.7	5.38	3.0	SR12	9/24/2019 19:06	29.53	77.3	5.27	6.8
SR12	9/24/2019 1:11	29.56	80.4	5.49	5.1	SR12	9/24/2019 7:11	30.00	79.5	5.46	4.1	SR12	9/24/2019 13:11	29.57	78.8	5.34	4.6	SR12	9/24/2019 19:11	29.52	79.7	5.43	8.0
SR12	9/24/2019 1:16	29.55	82.1	5.60	6.0	SR12	9/24/2019 7:16	30.03	82.6	5.64	4.3	SR12	9/24/2019 13:16	29.55	76.9	5.25	3.9	SR12	9/24/2019 19:16	29.57	73.7	5.08	5.8
SR12	9/24/2019 1:21	29.56	81.0	5.52	3.8	SR12	9/24/2019 7:21	30.01	82.6	5.63	4.3	SR12	9/24/2019 13:21	29.54	77.7	5.26	4.1	SR12	9/24/2019 19:21	29.57	71.8	4.86	6.1
SR12	9/24/2019 1:26	29.57	79.3	5.40	4.0	SR12	9/24/2019 7:26	30.00	80.7	5.54	4.5	SR12	9/24/2019 13:26	29.54	76.9	5.27	4.5	SR12	9/24/2019 19:26	29.58	73.5	5.00	6.1
SR12	9/24/2019 1:31	29.60	76.7	5.25	5.9	SR12	9/24/2019 7:31	29.97	79.9	5.39	3.8	SR12	9/24/2019 13:31	29.53	77.2	5.32	6.0	SR12	9/24/2019 19:31	29.61	71.7	4.91	5.9
SR12	9/24/2019 1:36	29.59	77.4	5.30	5.4	SR12	9/24/2019 7:36	30.00	84.0	5.69	4.6	SR12	9/24/2019 13:36	29.52	77.1	5.26	4.2	SR12	9/24/2019 19:36	29.60	79.3	5.37	7.5
SR12	9/24/2019 1:41	29.59	78.7	5.37	6.3	SR12	9/24/2019 7:41	30.00	84.5	5.72	3.7	SR12	9/24/2019 13:41	29.53	75.6	5.17	4.6	SR12	9/24/2019 19:41	29.59	79.8	5.41	6.2
SR12	9/24/2019 1:46	29.55	77.5	5.26	6.0	SR12	9/24/2019 7:46	29.96	82.5	5.62	4.8	SR12	9/24/2019 13:46	29.52	75.5	5.13	4.8	SR12	9/24/2019 19:46	29.60	71.9	4.93	6.5
SR12	9/24/2019 1:51	29.58	77.4	5.33	4.7	SR12	9/24/2019 7:51	29.93	83.4	5.65	4.9	SR12	9/24/2019 13:51	29.50	72.5	4.94	5.3	SR12	9/24/2019 19:51	29.60	73.7	5.01	7.9
SR12	9/24/2019 1:56	29.55	77.9	5.37	4.9	SR12	9/24/2019 7:56	29.92	83.5	5.70	3.6	SR12	9/24/2019 13:56	29.49	74.6	5.14	3.2	SR12	9/24/2019 19:56	29.62	72.0	4.94	5.3
SR12	9/24/2019 2:01	29.56	77.9	5.36	4.8	SR12	9/24/2019 8:01	29.92	82.9	5.63	3.6	SR12	9/24/2019 14:01	29.48	75.1	5.13	4.0	SR12	9/24/2019 20:01	29.64	73.3	4.99	5.8
SR12	9/24/2019 2:06	29.52	80.1	5.41	4.5	SR12	9/24/2019 8:06	29.90	81.5	5.55	4.2	SR12	9/24/2019 14:06	29.48	75.5	5.16	**11.2**	SR12	9/24/2019 20:06	29.63	75.0	5.15	6.3
SR12	9/24/2019 2:11	29.54	79.0	5.38	4.9	SR12	9/24/2019 8:11	29.87	84.1	5.75	4.9	SR12	9/24/2019 14:11	29.45	78.3	5.36	4.1	SR12	9/24/2019 20:11	29.63	78.6	5.35	5.9
SR12	9/24/2019 2:16	29.49	77.0	5.22	3.2	SR12	9/24/2019 8:16	29.87	84.3	5.74	4.9	SR12	9/24/2019 14:16	29.49	75.9	5.24	3.7	SR12	9/24/2019 20:16	29.63	80.3	5.42	5.9
SR12	9/24/2019 2:21	29.51	77.0	5.26	3.4	SR12	9/24/2019 8:21	29.88	82.2	5.56	3.6	SR12	9/24/2019 14:21	29.48	75.1	5.13	4.5	SR12	9/24/2019 20:21	29.64	76.1	5.22	7.3
SR12	9/24/2019 2:26	29.52	76.1	5.20	3.1	SR12	9/24/2019 8:26	29.91	81.8	5.55	3.9	SR12	9/24/2019 14:26	29.47	73.5	5.06	4.1	SR12	9/24/2019 20:26	29.63	79.0	5.40	5.6
SR12	9/24/2019 2:31	29.60	79.7	5.46	4.3	SR12	9/24/2019 8:31	29.92	83.0	5.64	5.2	SR12	9/24/2019 14:31	29.45	77.1	5.28	2.8	SR12	9/24/2019 20:31	29.62	79.2	5.38	4.4
SR12	9/24/2019 2:36	29.59	79.1	5.43	3.6	SR12	9/24/2019 8:36	29.92	82.7	5.61	5.0	SR12	9/24/2019 14:36	29.46	78.7	5.34	5.3	SR12	9/24/2019 20:36	29.61	77.7	5.32	4.4
SR12	9/24/2019 2:41	29.61	83.3	5.73	4.4	SR12	9/24/2019 8:41	29.90	80.8	5.47	3.8	SR12	9/24/2019 14:41	29.46	78.1	5.34	3.2	SR12	9/24/2019 20:41	29.62	80.6	5.46	5.3
SR12	9/24/2019 2:46	29.60	82.5	5.65	3.7	SR12	9/24/2019 8:46	29.90	80.7	5.46	5.5	SR12	9/24/2019 14:46	29.47	77.2	5.32	5.0	SR12	9/24/2019 20:46	29.61	82.1	5.56	6.2
SR12	9/24/2019 2:51	29.58	80.8	5.51	3.7	SR12	9/24/2019 8:51	29.88	77.5	5.33	3.6	SR12	9/24/2019 14:51	29.46	79.2	5.40	4.6	SR12	9/24/2019 20:51	29.60	84.0	5.70	6.1
SR12	9/24/2019 2:56	29.51	80.7	5.48	4.8	SR12	9/24/2019 8:56	29.88	80.2	5.48	4.6	SR12	9/24/2019 14:56	29.45	78.6	5.39	5.0	SR12	9/24/2019 20:56	29.59	86.7	5.89	6.3
SR12	9/24/2019 3:01	29.54	81.9	5.56	5.0	SR12	9/24/2019 9:01	29.88	80.0	5.43	4.9	SR12	9/24/2019 15:01	29.47	77.9	5.32	5.4	SR12	9/24/2019 21:01	29.58	86.9	5.91	5.1
SR12	9/24/2019 3:06	29.52	80.8	5.50	4.8	SR12	9/24/2019 9:06	29.89	82.5	5.61	5.7	SR12	9/24/2019 15:06	29.47	78.6	5.36	5.6	SR12	9/24/2019 21:06	29.60	83.7	5.70	5.1
SR12	9/24/2019 3:11	29.58	81.8	5.56	4.1	SR12	9/24/2019 9:11	29.89	82.2	5.57	5.1	SR12	9/24/2019 15:11	29.45	78.0	5.34	4.9	SR12	9/24/2019 21:11	29.62	85.8	5.82	4.7
SR12	9/24/2019 3:16	29.63	80.7	5.50	5.5	SR12	9/24/2019 9:16	29.88	82.3	5.63	5.9	SR12	9/24/2019 15:16	29.45	76.9	5.27	4.3	SR12	9/24/2019 21:16	29.63	84.5	5.71	3.6
SR12	9/24/2019 3:21	29.64	78.9	5.38	3.7	SR12	9/24/2019 9:21	29.90	84.4	5.73	6.0	SR12	9/24/2019 15:21	29.43	78.0	5.34	4.8	SR12	9/24/2019 21:21	29.66	85.5	5.76	5.3
SR12	9/24/2019 3:26	29.63	76.8	5.25	4.7	SR12	9/24/2019 9:26	29.90	82.9	5.66	5.9	SR12	9/24/2019 15:26	29.45	76.5	5.25	5.2	SR12	9/24/2019 21:26	29.77	79.2	5.43	4.4
SR12	9/24/2019 3:31	29.64	77.8	5.34	3.7	SR12	9/24/2019 9:31	29.90	83.1	5.65	3.6	SR12	9/24/2019 15:31	29.51	73.8	5.06	4.3	SR12	9/24/2019 21:31	29.66	83.4	5.64	4.3
SR12	9/24/2019 3:36	29.64	77.4	5.31	4.3	SR12	9/24/2019 9:36	29.90	82.9	5.64	4.2	SR12	9/24/2019 15:36	29.54	74.7	5.13	7.4	SR12	9/24/2019 21:36	29.61	81.2	5.49	5.0
SR12	9/24/2019 3:41	29.64	77.3	5.31	4.6	SR12	9/24/2019 9:41	29.90	83.1	5.64	4.1	SR12	9/24/2019 15:41	29.54	76.6	5.20	7.2	SR12	9/24/2019 21:41	29.60	81.8	5.49	6.0
SR12	9/24/2019 3:46	29.62	77.0	5.26	3.7	SR12	9/24/2019 9:46	29.88	83.2	5.64	5.0	SR12	9/24/2019 15:46	29.54	76.3	5.23	6.7	SR12	9/24/2019 21:46	29.60	81.3	5.49	5.0
SR12	9/24/2019 3:51	29.56	76.7	5.29	3.7	SR12	9/24/2019 9:51	29.88	82.2	5.55	5.0	SR12	9/24/2019 15:51	29.53	75.5	5.14	7.4	SR12	9/24/2019 21:51	29.55	81.6	5.49	5.4
SR12	9/24/2019 3:56	29.64	81.7	5.59	3.5	SR12	9/24/2019 9:56	29.87	82.6	5.64	5.6	SR12	9/24/2019 15:56	29.52	72.8	4.93	4.9	SR12	9/24/2019 21:56	29.54	82.7	5.55	5.3
SR12	9/24/2019 4:01	29.66	81.8	5.59	4.6	SR12	9/24/2019 10:01	29.87	80.7	5.51	6.0	SR12	9/24/2019 16:01	29.52	73.8	5.04	5.7	SR12	9/24/2019 22:01	29.55	82.5	5.54	5.6
SR12	9/24/2019 4:06	29.68	79.7	5.44	3.4	SR12	9/24/2019 10:06	29.87	81.5	5.53	4.2	SR12	9/24/2019 16:06	29.52	76.6	5.22	4.1	SR12	9/24/2019 22:06	29.51	82.4	5.52	4.0
SR12	9/24/2019 4:11	29.70	79.0	5.43	4.8	SR12	9/24/2019 10:11	29.86	81.7	5.57	5.0	SR12	9/24/2019 16:11	29.52	76.3	5.19	6.4	SR12	9/24/2019 22:11	29.58	81.1	5.47	4.7
SR12	9/24/2019 4:16	29.71	79.4	5.42	3.4	SR12	9/24/2019 10:16	29.85	80.2	5.52	5.3	SR12	9/24/2019 16:16	29.52	76.4	5.19	5.6	SR12	9/24/2019 22:16	29.60	79.5	5.35	3.8
SR12	9/24/2019 4:21	29.71	79.0	5.45	3.7	SR12	9/24/2019 10:21	29.85	80.1	5.48	4.8	SR12	9/24/2019 16:21	29.56	76.8	5.23	4.7	SR12	9/24/2019 22:21	29.60	77.2	5.23	5.6
SR12	9/24/2019 4:26	29.71	79.2	5.45	4.4	SR12	9/24/2019 10:26	29.85	79.9	5.40	3.4	SR12	9/24/2019 16:26	29.57	74.6	5.08	5.6	SR12	9/24/2019 22:26	29.62	80.4	5.44	5.3
SR12	9/24/2019 4:31	29.73	78.0	5.33	3.9	SR12	9/24/2019 10:31	29.84	78.6	5.32	5.6	SR12	9/24/2019 16:31	29.59	75.1	5.09	5.1	SR12	9/24/2019 22:31	29.61	80.3	5.51	6.0
SR12	9/24/2019 4:36	29.70	77.9	5.36	3.4	SR12	9/24/2019 10:36	29.84	76.6	5.18	4.1	SR12	9/24/2019 16:36	29.59	75.8	5.17	5.6	SR12	9/24/2019 22:36	29.56	72.5	4.96	6.6
SR12	9/24/2019 4:41	29.67	80.3	5.48	3.5	SR12	9/24/2019 10:41	29.84	78.1	5.31	4.9	SR12	9/24/2019 16:41	29.58	75.7	5.16	6.8	SR12	9/24/2019 22:41	29.55	79.6	5.39	5.5
SR12	9/24/2019 4:46	29.69	78.9	5.39	5.2	SR12	9/24/2019 10:46	29.81	75.6	5.13	4.0	SR12	9/24/2019 16:46	29.57	77.3	5.29	7.0	SR12	9/24/2019 22:46	29.48	79.7	5.37	7.2
SR12	9/24/2019 4:51	29.69	79.3	5.43	3.6	SR12	9/24/2019 10:51	29.81	74.7	5.11	3.8	SR12	9/24/2019 16:51	29.58	78.2	5.30	7.9	SR12	9/24/2019 22:51	29.47	80.2	5.43	6.9
SR12	9/24/2019 4:56	29.73	77.9	5.38	4.3	SR12	9/24/2019 10:56	29.80	78.0	5.36	4.5	SR12	9/24/2019 16:56	29.57	79.2	5.35	7.3	SR12	9/24/2019 22:56	29.46	79.5	5.33	7.1
SR12	9/24/2019 5:01	29.75	78.1	5.27	4.4	SR12	9/24/2019 11:01	29.80	78.3	5.31	3.1	SR12	9/24/2019 17:01	29.54	76.9	5.25	5.6	SR12	9/24/2019 23:01	29.49	81.0	5.44	6.5
SR12	9/24/2019 5:06	29.76	78.6	5.33	4.7	SR12	9/24/2019 11:06	29.81	77.0	5.27	3.5	SR12	9/24/2019 17:06	29.50	75.4	5.16	6.1	SR12	9/24/2019 23:06	29.44	79.1	5.36	7.5
SR12	9/24/2019 5:11	29.76	78.2	5.34	4.8	SR12	9/24/2019 11:11	29.80	77.4	5.30	4.7	SR12	9/24/2019 17:11	29.46	71.2	4.88	5.5	SR12	9/24/2019 23:11	29.43	80.7	5.42	7.6
SR12	9/24/2019 5:16	29.78	79.1	5.39	8.2	SR12	9/24/2019 11:16	29.77	77.5	5.31	3.8	SR12	9/24/2019 17:16	29.52	74.8	5.09	6.0	SR12	9/24/2019 23:16	29.42	81.0	5.45	6.7
SR12	9/24/2019 5:21	29.79	80.1	5.50	3.4	SR12	9/24/2019 11:21	29.77	77.2	5.29	3.8	SR12	9/24/2019 17:21	29.54	73.2	5.04	4.9	SR12	9/24/2019 23:21	29.41	79.3	5.36	6.7
SR12	9/24/2019 5:26	29.81	79.8	5.40	3.6	SR12	9/24/2019 11:26	29.77	77.0	5.28	4.9	SR12	9/24/2019 17:26	29.52	76.3	5.22	5.8	SR12	9/24/2019 23:26	29.38	80.6	5.42	5.7
SR12	9/24/2019 5:31	29.83	79.6	5.44	5.0	SR12	9/24/2019 11:31	29.77	77.1	5.28	4.4	SR12	9/24/2019 17:31	29.51	77.0	5.25	5.8	SR12	9/24/2019 23:31	29.38	78.7	5.31	6.1
SR12	9/24/2019 5:36	29.83	79.4	5.45	4.7	SR12	9/24/2019 11:36	29.74	76.6	5.22	3.6	SR12	9/24/2019 17:36	29.52	78.2	5.32	4.8	SR12	9/24/2019 23:36	29.39	79.4	5.38	5.7
SR12	9/24/2019 5:41	29.84	79.2	5.38	5.3	SR12	9/24/2019 11:41	29.75	76.9	5.27	3.4	SR12	9/24/2019 17:41	29.53	78.3	5.31	6.2	SR12	9/24/2019 23:41	29.38	77.8	5.29	5.5
SR12	9/24/2019 5:46	29.84	79.8	5.47	5.2	SR12	9/24/2019 11:46	29.77	77.0	5.25	3.2	SR12	9/24/2019 17:46	29.52	78.8	5.41	6.9	SR12	9/24/2019 23:46	29.44	78.2	5.27	5.0
SR12	9/24/2019 5:51	29.85	80.0	5.47	4.4	SR12	9/24/2019 11:51	29.76	77.8	5.29	4.4	SR12	9/24/2019 17:51	29.52	77.6	5.35	7.2	SR12	9/24/2019 23:51	29.45	79.4	5.35	5.1
SR12	9/24/2019 5:56	29.87	81.9	5.52	3.7	SR12	9/24/2019 11:56	29.74	78.0	5.35	3.6	SR12	9/24/2019 17:56	29.51	77.3	5.30	6.3	SR12	9/24/2019 23:56	29.43	78.8	5.32	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	9/24/2019 0:00	29.55	80.7	5.55	4.4	SR13	9/24/2019 6:00	29.68	75.9	5.25	4.2	SR13	9/24/2019 12:00	29.77	75.5	5.20	4.8	SR13	9/24/2019 18:00	29.75	80.1	5.52	6.9
SR13	9/24/2019 0:05	29.55	77.0	5.29	4.2	SR13	9/24/2019 6:05	29.67	74.5	5.11	8.3	SR13	9/24/2019 12:05	29.79	77.6	5.34	4.9	SR13	9/24/2019 18:05	29.73	80.0	5.52	7.3
SR13	9/24/2019 0:10	29.54	79.6	5.49	5.3	SR13	9/24/2019 6:10	29.67	79.0	5.46	4.5	SR13	9/24/2019 12:10	29.80	80.0	5.53	5.1	SR13	9/24/2019 18:10	29.75	81.0	5.59	6.7
SR13	9/24/2019 0:15	29.54	77.3	5.32	5.1	SR13	9/24/2019 6:15	29.68	77.1	5.33	4.4	SR13	9/24/2019 12:15	29.83	79.4	5.45	5.5	SR13	9/24/2019 18:15	29.74	81.5	5.61	6.3
SR13	9/24/2019 0:20	29.54	79.4	5.45	5.2	SR13	9/24/2019 6:20	29.67	75.6	5.22	4.2	SR13	9/24/2019 12:20	29.83	78.7	5.44	5.9	SR13	9/24/2019 18:20	29.71	74.9	5.16	5.3
SR13	9/24/2019 0:25	29.54	78.5	5.40	5.0	SR13	9/24/2019 6:25	29.67	72.6	5.03	5.0	SR13	9/24/2019 12:25	29.83	78.4	5.37	4.9	SR13	9/24/2019 18:25	29.74	79.5	5.47	5.7
SR13	9/24/2019 0:30	29.54	79.6	5.44	4.7	SR13	9/24/2019 6:30	29.68	78.1	5.36	3.6	SR13	9/24/2019 12:30	29.82	81.2	5.60	4.0	SR13	9/24/2019 18:30	29.76	79.0	5.41	5.3
SR13	9/24/2019 0:35	29.55	78.7	5.42	5.3	SR13	9/24/2019 6:35	29.67	78.6	5.37	4.1	SR13	9/24/2019 12:35	29.81	79.8	5.53	4.3	SR13	9/24/2019 18:35	29.76	77.7	5.33	4.9
SR13	9/24/2019 0:40	29.54	79.8	5.49	5.2	SR13	9/24/2019 6:40	29.69	76.2	5.25	4.5	SR13	9/24/2019 12:40	29.82	81.2	5.60	4.3	SR13	9/24/2019 18:40	29.74	78.9	5.44	5.8
SR13	9/24/2019 0:45	29.55	79.5	5.47	5.4	SR13	9/24/2019 6:45	29.66	76.4	5.29	3.9	SR13	9/24/2019 12:45	29.78	83.1	5.70	4.2	SR13	9/24/2019 18:45	29.73	78.1	5.39	5.5
SR13	9/24/2019 0:50	29.55	76.4	5.28	3.9	SR13	9/24/2019 6:50	29.68	77.8	5.36	4.4	SR13	9/24/2019 12:50	29.77	83.3	5.71	5.3	SR13	9/24/2019 18:50	29.74	79.3	5.45	6.4
SR13	9/24/2019 0:55	29.54	79.2	5.45	5.0	SR13	9/24/2019 6:55	29.69	77.2	5.33	4.2	SR13	9/24/2019 12:55	29.78	83.8	5.75	5.6	SR13	9/24/2019 18:55	29.76	77.1	5.36	5.3
SR13	9/24/2019 1:00	29.55	76.1	5.22	4.1	SR13	9/24/2019 7:00	29.69	78.9	5.44	5.0	SR13	9/24/2019 13:00	29.80	83.4	5.70	4.9	SR13	9/24/2019 19:00	29.76	74.2	5.10	5.7
SR13	9/24/2019 1:05	29.56	77.4	5.31	4.5	SR13	9/24/2019 7:05	29.69	77.3	5.33	5.7	SR13	9/24/2019 13:05	29.83	80.7	5.57	4.6	SR13	9/24/2019 19:05	29.76	73.4	5.06	5.2
SR13	9/24/2019 1:10	29.57	76.2	5.25	5.3	SR13	9/24/2019 7:10	29.67	77.0	5.30	4.4	SR13	9/24/2019 13:10	29.84	83.0	5.70	5.2	SR13	9/24/2019 19:10	29.77	74.8	5.15	5.5
SR13	9/24/2019 1:15	29.57	76.4	5.27	5.8	SR13	9/24/2019 7:15	29.68	78.8	5.43	4.6	SR13	9/24/2019 13:15	29.85	83.5	5.72	4.7	SR13	9/24/2019 19:15	29.78	76.2	5.23	9.8
SR13	9/24/2019 1:20	29.58	78.9	5.43	6.2	SR13	9/24/2019 7:20	29.67	78.0	5.35	4.3	SR13	9/24/2019 13:20	29.88	81.0	5.54	4.7	SR13	9/24/2019 19:20	29.76	80.6	5.53	5.6
SR13	9/24/2019 1:25	29.56	77.2	5.30	5.0	SR13	9/24/2019 7:25	29.65	78.9	5.44	5.4	SR13	9/24/2019 13:25	29.94	77.0	5.31	3.8	SR13	9/24/2019 19:25	29.77	76.5	5.28	5.6
SR13	9/24/2019 1:30	29.56	79.4	5.48	4.6	SR13	9/24/2019 7:30	29.62	77.6	5.33	5.1	SR13	9/24/2019 13:30	29.85	79.0	5.42	5.2	SR13	9/24/2019 19:30	29.77	76.8	5.28	6.3
SR13	9/24/2019 1:35	29.54	79.0	5.48	4.9	SR13	9/24/2019 7:35	29.62	80.0	5.52	5.4	SR13	9/24/2019 13:35	29.79	77.5	5.31	3.7	SR13	9/24/2019 19:35	29.77	74.4	5.15	5.7
SR13	9/24/2019 1:40	29.55	77.5	5.35	4.7	SR13	9/24/2019 7:40	29.62	80.3	5.51	6.0	SR13	9/24/2019 13:40	29.78	78.3	5.34	4.7	SR13	9/24/2019 19:40	29.77	77.6	5.33	5.2
SR13	9/24/2019 1:45	29.52	79.7	5.44	4.4	SR13	9/24/2019 7:45	29.61	79.5	5.48	5.6	SR13	9/24/2019 13:45	29.78	79.2	5.42	7.5	SR13	9/24/2019 19:45	29.77	78.2	5.39	5.6
SR13	9/24/2019 1:50	29.52	80.7	5.54	4.5	SR13	9/24/2019 7:50	29.59	81.1	5.59	5.7	SR13	9/24/2019 13:50	29.83	80.3	5.49	4.4	SR13	9/24/2019 19:50	29.76	80.0	5.49	5.8
SR13	9/24/2019 1:55	29.49	77.2	5.30	4.9	SR13	9/24/2019 7:55	29.59	79.1	5.45	5.0	SR13	9/24/2019 13:55	29.96	79.4	5.44	4.4	SR13	9/24/2019 19:55	29.76	79.0	5.42	5.5
SR13	9/24/2019 2:00	29.50	78.5	5.41	4.4	SR13	9/24/2019 8:00	29.60	78.3	5.39	5.3	SR13	9/24/2019 14:00	29.87	78.4	5.35	4.7	SR13	9/24/2019 20:00	29.76	76.2	5.28	6.3
SR13	9/24/2019 2:05	29.50	76.0	5.23	3.8	SR13	9/24/2019 8:05	29.63	80.5	5.53	5.4	SR13	9/24/2019 14:05	29.79	80.1	5.49	3.9	SR13	9/24/2019 20:05	29.74	77.3	5.33	4.9
SR13	9/24/2019 2:10	29.53	78.3	5.40	4.2	SR13	9/24/2019 8:10	29.63	79.7	5.46	5.0	SR13	9/24/2019 14:10	29.86	80.5	5.51	4.2	SR13	9/24/2019 20:10	29.72	77.0	5.30	4.5
SR13	9/24/2019 2:15	29.52	77.4	5.36	4.4	SR13	9/24/2019 8:15	29.62	78.5	5.37	4.8	SR13	9/24/2019 14:15	29.98	78.6	5.36	4.6	SR13	9/24/2019 20:15	29.72	76.4	5.28	5.0
SR13	9/24/2019 2:20	29.53	80.2	5.56	3.8	SR13	9/24/2019 8:20	29.61	81.0	5.56	4.7	SR13	9/24/2019 14:20	30.07	76.8	5.27	4.5	SR13	9/24/2019 20:20	29.72	79.5	5.45	4.9
SR13	9/24/2019 2:25	29.53	79.3	5.46	4.5	SR13	9/24/2019 8:25	29.60	78.2	5.37	5.3	SR13	9/24/2019 14:25	30.01	77.9	5.37	4.9	SR13	9/24/2019 20:25	29.68	78.7	5.40	5.1
SR13	9/24/2019 2:30	29.53	77.1	5.30	3.8	SR13	9/24/2019 8:30	29.60	76.9	5.30	4.5	SR13	9/24/2019 14:30	29.95	78.2	5.40	4.7	SR13	9/24/2019 20:30	29.67	80.5	5.53	5.2
SR13	9/24/2019 2:35	29.50	76.5	5.25	4.6	SR13	9/24/2019 8:35	29.62	80.0	5.51	5.2	SR13	9/24/2019 14:35	29.84	74.4	5.14	5.5	SR13	9/24/2019 20:35	29.65	82.9	5.67	5.0
SR13	9/24/2019 2:40	29.51	78.4	5.38	4.3	SR13	9/24/2019 8:40	29.62	79.9	5.50	5.3	SR13	9/24/2019 14:40	29.80	78.4	5.36	5.6	SR13	9/24/2019 20:40	29.63	83.6	5.76	4.8
SR13	9/24/2019 2:45	29.51	78.3	5.40	4.2	SR13	9/24/2019 8:45	29.63	79.7	5.49	7.0	SR13	9/24/2019 14:45	29.76	78.2	5.33	5.9	SR13	9/24/2019 20:45	29.63	83.7	5.74	5.3
SR13	9/24/2019 2:50	29.53	75.5	5.19	4.4	SR13	9/24/2019 8:50	29.66	80.8	5.53	6.6	SR13	9/24/2019 14:50	29.75	79.6	5.45	5.1	SR13	9/24/2019 20:50	29.63	81.0	5.56	4.2
SR13	9/24/2019 2:55	29.55	76.5	5.28	5.2	SR13	9/24/2019 8:55	29.67	82.5	5.67	6.6	SR13	9/24/2019 14:55	29.75	78.9	5.41	5.5	SR13	9/24/2019 20:55	29.64	82.0	5.62	4.1
SR13	9/24/2019 3:00	29.56	77.9	5.35	4.6	SR13	9/24/2019 9:00	29.68	80.8	5.55	5.3	SR13	9/24/2019 15:00	29.74	79.5	5.45	5.6	SR13	9/24/2019 21:00	29.65	81.8	5.60	5.2
SR13	9/24/2019 3:05	29.56	75.5	5.22	4.6	SR13	9/24/2019 9:05	29.68	78.9	5.45	5.6	SR13	9/24/2019 15:05	29.72	77.7	5.33	5.9	SR13	9/24/2019 21:05	29.70	79.4	5.49	4.9
SR13	9/24/2019 3:10	29.56	75.3	5.21	4.4	SR13	9/24/2019 9:10	29.66	76.3	5.27	4.1	SR13	9/24/2019 15:10	29.74	77.7	5.32	6.6	SR13	9/24/2019 21:10	29.65	81.1	5.59	4.6
SR13	9/24/2019 3:15	29.56	74.4	5.16	4.0	SR13	9/24/2019 9:15	29.69	79.1	5.45	4.8	SR13	9/24/2019 15:15	29.77	76.9	5.27	6.6	SR13	9/24/2019 21:15	29.61	80.7	5.51	4.4
SR13	9/24/2019 3:20	29.57	75.6	5.23	4.3	SR13	9/24/2019 9:20	29.71	77.9	5.38	4.7	SR13	9/24/2019 15:20	29.77	77.5	5.29	6.4	SR13	9/24/2019 21:20	29.61	81.1	5.56	5.6
SR13	9/24/2019 3:25	29.56	74.7	5.16	3.9	SR13	9/24/2019 9:25	29.71	79.8	5.50	6.0	SR13	9/24/2019 15:25	29.75	77.8	5.33	6.3	SR13	9/24/2019 21:25	29.61	82.6	5.65	4.3
SR13	9/24/2019 3:30	29.52	74.8	5.20	4.0	SR13	9/24/2019 9:30	29.71	78.4	5.38	5.4	SR13	9/24/2019 15:30	29.75	77.6	5.31	6.4	SR13	9/24/2019 21:30	29.59	82.0	5.62	5.3
SR13	9/24/2019 3:35	29.56	76.1	5.23	4.1	SR13	9/24/2019 9:35	29.72	79.4	5.45	5.2	SR13	9/24/2019 15:35	29.75	76.7	5.24	5.8	SR13	9/24/2019 21:35	29.58	81.4	5.55	4.9
SR13	9/24/2019 3:40	29.58	77.9	5.39	4.6	SR13	9/24/2019 9:40	29.72	78.8	5.41	6.4	SR13	9/24/2019 15:40	29.73	76.4	5.24	5.0	SR13	9/24/2019 21:40	29.58	80.5	5.52	5.0
SR13	9/24/2019 3:45	29.59	77.2	5.33	3.5	SR13	9/24/2019 9:45	29.71	79.5	5.48	5.4	SR13	9/24/2019 15:45	29.77	77.4	5.30	4.2	SR13	9/24/2019 21:45	29.56	81.9	5.61	4.9
SR13	9/24/2019 3:50	29.59	75.2	5.18	4.7	SR13	9/24/2019 9:50	29.70	78.5	5.43	5.2	SR13	9/24/2019 15:50	29.77	75.0	5.12	5.7	SR13	9/24/2019 21:50	29.59	80.9	5.55	4.6
SR13	9/24/2019 3:55	29.60	75.4	5.21	3.9	SR13	9/24/2019 9:55	29.72	77.6	5.38	5.3	SR13	9/24/2019 15:55	29.78	76.5	5.23	5.7	SR13	9/24/2019 21:55	29.60	80.7	5.51	4.2
SR13	9/24/2019 4:00	29.58	76.2	5.29	3.7	SR13	9/24/2019 10:00	29.73	77.9	5.37	6.1	SR13	9/24/2019 16:00	29.79	77.7	5.32	4.5	SR13	9/24/2019 22:00	29.61	80.2	5.49	4.9
SR13	9/24/2019 4:05	29.57	77.8	5.37	4.3	SR13	9/24/2019 10:05	29.75	80.1	5.50	6.9	SR13	9/24/2019 16:05	29.77	77.5	5.31	4.9	SR13	9/24/2019 22:05	29.60	80.4	5.53	5.0
SR13	9/24/2019 4:10	29.57	76.8	5.31	4.3	SR13	9/24/2019 10:10	29.74	78.2	5.36	6.2	SR13	9/24/2019 16:10	29.81	81.6	5.57	5.0	SR13	9/24/2019 22:10	29.59	80.5	5.53	6.3
SR13	9/24/2019 4:15	29.57	74.2	5.13	3.9	SR13	9/24/2019 10:15	29.75	79.2	5.44	6.2	SR13	9/24/2019 16:15	29.81	81.7	5.60	5.2	SR13	9/24/2019 22:15	29.55	76.7	5.31	5.4
SR13	9/24/2019 4:20	29.55	77.2	5.32	4.0	SR13	9/24/2019 10:20	29.72	79.8	5.51	6.6	SR13	9/24/2019 16:20	29.82	80.4	5.50	6.4	SR13	9/24/2019 22:20	29.55	81.7	5.59	5.1
SR13	9/24/2019 4:25	29.57	77.2	5.32	4.6	SR13	9/24/2019 10:25	29.74	77.5	5.34	6.1	SR13	9/24/2019 16:25	29.82	81.8	5.64	6.2	SR13	9/24/2019 22:25	29.52	79.9	5.50	5.6
SR13	9/24/2019 4:30	29.59	77.7	5.39	4.1	SR13	9/24/2019 10:30	29.75	77.0	5.32	5.5	SR13	9/24/2019 16:30	29.81	82.9	5.68	6.5	SR13	9/24/2019 22:30	29.50	78.2	5.37	5.3
SR13	9/24/2019 4:35	29.60	75.3	5.22	4.3	SR13	9/24/2019 10:35	29.73	77.6	5.36	6.7	SR13	9/24/2019 16:35	29.79	80.9	5.55	5.8	SR13	9/24/2019 22:35	29.54	77.1	5.27	5.2
SR13	9/24/2019 4:40	29.60	75.7	5.18	3.4	SR13	9/24/2019 10:40	29.72	73.2	5.04	4.6	SR13	9/24/2019 16:40	29.78	79.4	5.47	4.9	SR13	9/24/2019 22:40	29.54	79.7	5.47	5.5
SR13	9/24/2019 4:45	29.60	77.1	5.30	4.2	SR13	9/24/2019 10:45	29.77	77.2	5.32	4.9	SR13	9/24/2019 16:45	29.78	77.9	5.37	5.6	SR13	9/24/2019 22:45	29.53	77.8	5.34	5.7
SR13	9/24/2019 4:50	29.59	78.2	5.40	4.2	SR13	9/24/2019 10:50	29.79	79.5	5.46	5.5	SR13	9/24/2019 16:50	29.75	76.6	5.27	4.9	SR13	9/24/2019 22:50	29.52	78.1	5.35	6.0
SR13	9/24/2019 4:55	29.59	75.5	5.22	5.2	SR13	9/24/2019 10:55	29.79	78.4	5.39	5.2	SR13	9/24/2019 16:55	29.76	79.7	5.46	5.5	SR13	9/24/2019 22:55	29.54	79.8	5.49	5.6
SR13	9/24/2019 5:00	29.60	75.5	5.24	3.6	SR13	9/24/2019 11:00	29.76	78.6	5.42	5.6	SR13	9/24/2019 17:00	29.77	77.9	5.40	5.8	SR13	9/24/2019 23:00	29.49	77.6	5.33	4.7
SR13	9/24/2019 5:05	29.60	74.3	5.09	4.0	SR13	9/24/2019 11:05	29.74	79.5	5.50	5.9	SR13	9/24/2019 17:05	29.75	79.0	5.41	5.5	SR13	9/24/2019 23:05	29.43	75.2	5.18	4.6
SR13	9/24/2019 5:10	29.61	76.7	5.27	4.9	SR13	9/24/2019 11:10	29.72	79.9	5.49	6.4	SR13	9/24/2019 17:10	29.77	79.4	5.44	5.8	SR13	9/24/2019 23:10	29.46	73.5	5.03	5.1
SR13	9/24/2019 5:15	29.60	74.7	5.17	4.1	SR13	9/24/2019 11:15	29.73	76.9	5.32	5.2	SR13	9/24/2019 17:15	29.79	79.6	5.46	5.7	SR13	9/24/2019 23:15	29.49	76.9	5.29	5.1
SR13	9/24/2019 5:20	29.60	75.8	5.20	4.5	SR13	9/24/2019 11:20	29.73	75.3	5.19	4.3	SR13	9/24/2019 17:20	29.78	78.8	5.42	6.3	SR13	9/24/2019 23:20	29.50	78.8	5.44	5.1
SR13	9/24/2019 5:25	29.60	75.9	5.25	4.7	SR13	9/24/2019 11:25	29.75	76.7	5.28	4.2	SR13	9/24/2019 17:25	29.77	81.2	5.61	6.3	SR13	9/24/2019 23:25	29.54	77.7	5.30	4.9
SR13	9/24/2019 5:30	29.61	76.7	5.31	5.1	SR13	9/24/2019 11:30	29.76	76.0	5.25	4.4	SR13	9/24/2019 17:30	29.76	78.5	5.44	6.1	SR13	9/24/2019 23:30	29.54	78.8	5.38	4.7
SR13	9/24/2019 5:35	29.62	76.8	5.27	3.6	SR13	9/24/2019 11:35	29.75	80.1	5.51	5.0	SR13	9/24/2019 17:35	29.75	79.7	5.51	6.5	SR13	9/24/2019 23:35	29.49	77.2	5.28	4.2
SR13	9/24/2019 5:40	29.64	76.5	5.27	3.9	SR13	9/24/2019 11:40	29.75	79.6	5.47	4.2	SR13	9/24/2019 17:40	29.74	79.1	5.46	6.0	SR13	9/24/2019 23:40	29.51	78.6	5.40	5.1
SR13	9/24/2019 5:45	29.64	76.0	5.22	4.0	SR13	9/24/2019 11:45	29.74	76.1	5.25	5.1	SR13	9/24/2019 17:45	29.74	79.9	5.49	7.4	SR13	9/24/2019 23:45	29.50	79.6	5.45	4.4
SR13	9/24/2019 5:50	29.63	72.6	5.00	4.3	SR13	9/24/2019 11:50	29.73	76.2	5.24	6.3	SR13	9/24/2019 17:50	29.75	80.3	5.55	5.9	SR13	9/24/2019 23:50	29.52	79.2	5.43	4.8
SR13	9/24/2019 5:55	29.66	76.5	5.29	4.1	SR13	9/24/2019 11:55	29.74	76.3	5.27	5.0	SR13	9/24/2019 17:55	29.75	79.3	5.45	6.8	SR13	9/24/2019 23:55	29.52	81.3	5.58	5.3

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	9/24/2019 0:17	0.18				SR12	9/24/2019 0:17	0.19			
SR4	9/24/2019 0:37	0.18				SR12	9/24/2019 0:37	0.20			
SR4	9/24/2019 0:57	0.19				SR12	9/24/2019 0:57	0.19			
SR4	9/24/2019 1:17	0.20				SR12	9/24/2019 1:17	0.19			
SR4	9/24/2019 1:37	0.19				SR12	9/24/2019 1:37	0.20			
SR4	9/24/2019 1:57	0.18				SR12	9/24/2019 1:57	0.21			
SR4	9/24/2019 2:17	0.19				SR12	9/24/2019 2:17	0.23			
SR4	9/24/2019 2:37	0.19				SR12	9/24/2019 2:37	0.23			
SR4	9/24/2019 2:57	0.19				SR12	9/24/2019 2:57	0.22			
SR4	9/24/2019 3:17	0.19				SR12	9/24/2019 3:17	0.22			
SR4	9/24/2019 3:37	0.20				SR12	9/24/2019 3:37	0.23			
SR4	9/24/2019 3:57	0.20				SR12	9/24/2019 3:57	0.22			
SR4	9/24/2019 4:17	0.20				SR12	9/24/2019 4:17	0.21			
SR4	9/24/2019 4:37	0.19				SR12	9/24/2019 4:37	0.23			
SR4	9/24/2019 4:57	0.19				SR12	9/24/2019 4:57	0.21			
SR4	9/24/2019 5:17	0.20				SR12	9/24/2019 5:17	0.21			
SR4	9/24/2019 5:37	0.18				SR12	9/24/2019 5:37	0.22			
SR4	9/24/2019 5:57	0.19				SR12	9/24/2019 5:57	0.21			
SR4						SR12					
SR4	9/24/2019 6:37	0.20				SR12	9/24/2019 6:37	0.23			
SR4	9/24/2019 6:57	0.18				SR12	9/24/2019 6:57	0.23			
SR4	9/24/2019 7:17	0.18				SR12	9/24/2019 7:17	0.22			
SR4	9/24/2019 7:37	0.18				SR12	9/24/2019 7:37	0.23			
SR4	9/24/2019 7:57	0.19				SR12	9/24/2019 7:57	0.21			
SR4	9/24/2019 8:17	0.20				SR12	9/24/2019 8:17	0.23			
SR4	9/24/2019 8:37	0.20				SR12	9/24/2019 8:37	0.22			
SR4	9/24/2019 8:57	0.22				SR12	9/24/2019 8:57	0.23			
SR4	9/24/2019 9:17	0.22				SR12	9/24/2019 9:17	0.25			
SR4	9/24/2019 9:37	0.23				SR12	9/24/2019 9:37	0.25			
SR4	9/24/2019 9:57	0.22				SR12	9/24/2019 9:57	0.23			
SR4	9/24/2019 10:17	0.21				SR12	9/24/2019 10:17	0.25			
SR4	9/24/2019 10:37	0.22				SR12	9/24/2019 10:37	0.23			
SR4	9/24/2019 10:57	0.22				SR12	9/24/2019 10:57	0.23			
SR4	9/24/2019 11:17	0.22				SR12	9/24/2019 11:17	0.24			
SR4	9/24/2019 11:37	0.21				SR12	9/24/2019 11:37	0.24			
SR4	9/24/2019 11:57	0.22				SR12	9/24/2019 11:57	0.23			
SR4	9/24/2019 12:17	0.21				SR12	9/24/2019 12:17	0.25			
SR4	9/24/2019 12:37	0.23				SR12	9/24/2019 12:37	0.25			
SR4	9/24/2019 12:57	0.23				SR12	9/24/2019 12:57	0.25			
SR4	9/24/2019 13:17	0.22				SR12	9/24/2019 13:17	0.24			
SR4	9/24/2019 13:37	0.23				SR12	9/24/2019 13:37	0.23			
SR4	9/24/2019 13:57	0.23				SR12	9/24/2019 13:57	0.25			
SR4	9/24/2019 14:17	0.23				SR12	9/24/2019 14:17	0.23			
SR4	9/24/2019 14:37	0.21				SR12	9/24/2019 14:37	0.24			
SR4	9/24/2019 14:57	0.22				SR12	9/24/2019 14:57	0.24			
SR4	9/24/2019 15:17	0.22				SR12	9/24/2019 15:17	0.24			
SR4	9/24/2019 15:37	0.22				SR12	9/24/2019 15:37	0.25			
SR4	9/24/2019 15:57	0.21				SR12	9/24/2019 15:57	0.25			
SR4	9/24/2019 16:17	0.23				SR12	9/24/2019 16:17	0.24			
SR4	9/24/2019 16:37	0.22				SR12	9/24/2019 16:37	0.24			
SR4	9/24/2019 16:57	0.22				SR12	9/24/2019 16:57	0.24			
SR4	9/24/2019 17:17	0.21				SR12	9/24/2019 17:17	0.24			
SR4	9/24/2019 17:37	0.21				SR12	9/24/2019 17:37	0.26			
SR4	9/24/2019 17:57	0.22				SR12	9/24/2019 17:57	0.24			
SR4	9/24/2019 18:17	0.23				SR12	9/24/2019 18:17	0.24			
SR4	9/24/2019 18:37	0.21				SR12	9/24/2019 18:37	0.25			
SR4	9/24/2019 18:57	0.22				SR12	9/24/2019 18:57	0.25			
SR4	9/24/2019 19:17	0.23				SR12	9/24/2019 19:17	0.26			
SR4	9/24/2019 19:37	0.22				SR12	9/24/2019 19:37	0.24			
SR4	9/24/2019 19:57	0.23				SR12	9/24/2019 19:57	0.26			
SR4	9/24/2019 20:17	0.22				SR12	9/24/2019 20:17	0.26			
SR4	9/24/2019 20:37	0.21				SR12	9/24/2019 20:37	0.26			
SR4	9/24/2019 20:57	0.23				SR12	9/24/2019 20:57	0.26			
SR4	9/24/2019 21:17	0.21				SR12	9/24/2019 21:17	0.26			
SR4	9/24/2019 21:37	0.21				SR12	9/24/2019 21:37	0.28			
SR4	9/24/2019 21:57	0.21				SR12	9/24/2019 21:57	0.26			
SR4	9/24/2019 22:17	0.22				SR12	9/24/2019 22:17	0.28			
SR4	9/24/2019 22:37	0.21				SR12	9/24/2019 22:37	0.28			
SR4	9/24/2019 22:57	0.21				SR12	9/24/2019 22:57	0.26			
SR4	9/24/2019 23:17	0.23				SR12	9/24/2019 23:17	0.28			
SR4	9/24/2019 23:37	0.22				SR12	9/24/2019 23:37	0.28			
SR4	9/24/2019 23:57	0.22				SR12	9/24/2019 23:57	0.27			

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 12:30-12:55.

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	9/25/2019 0:01	28.95	82.4	5.47	2.7	SR4	9/25/2019 6:01	28.94	81.6	5.41	2.1	SR4	9/25/2019 12:01	29.03	85.1	5.57	9.0	SR4	9/25/2019 18:01	29.08	77.4	5.17	4.3
SR4	9/25/2019 0:06	28.96	84.7	5.66	2.2	SR4	9/25/2019 6:06	28.94	81.9	5.36	2.4	SR4	9/25/2019 12:06	29.03	84.1	5.52	8.6	SR4	9/25/2019 18:06	29.11	81.7	5.35	5.9
SR4	9/25/2019 0:11	28.80	84.1	5.59	1.4	SR4	9/25/2019 6:11	28.93	81.5	5.36	4.3	SR4	9/25/2019 12:11	29.04	82.5	5.46	6.6	SR4	9/25/2019 18:11	29.11	79.7	5.29	5.2
SR4	9/25/2019 0:16	28.89	87.2	5.72	1.9	SR4	9/25/2019 6:16	28.88	82.5	5.54	2.1	SR4	9/25/2019 12:16	29.04	88.6	5.84	**10.3**	SR4	9/25/2019 18:16	29.11	79.6	5.25	5.2
SR4	9/25/2019 0:21	28.96	89.0	5.92	2.2	SR4	9/25/2019 6:21	28.90	82.9	5.45	2.2	SR4	9/25/2019 12:21	29.07	84.6	5.57	6.5	SR4	9/25/2019 18:21	29.11	76.4	5.13	5.0
SR4	9/25/2019 0:26	28.96	93.9	6.13	3.3	SR4	9/25/2019 6:26	28.92	83.5	5.50	2.9	SR4	9/25/2019 12:26	29.05	84.8	5.57	6.1	SR4	9/25/2019 18:26	29.09	79.3	5.25	6.9
SR4	9/25/2019 0:31	29.01	89.5	6.01	2.6	SR4	9/25/2019 6:31	28.91	83.1	5.51	7.0	SR4	9/25/2019 12:31	29.06	82.7	5.44	5.5	SR4	9/25/2019 18:31	29.11	76.5	5.07	3.9
SR4	9/25/2019 0:36	28.99	90.6	6.05	2.4	SR4	9/25/2019 6:36	28.91	78.5	5.23	2.1	SR4	9/25/2019 12:36	29.04	85.7	5.64	6.6	SR4	9/25/2019 18:36	29.10	81.0	5.34	5.3
SR4	9/25/2019 0:41	28.96	89.4	5.86	2.2	SR4	9/25/2019 6:41	28.91	82.3	5.39	3.4	SR4	9/25/2019 12:41	29.04	84.5	5.65	6.2	SR4	9/25/2019 18:41	29.11	80.5	5.28	5.0
SR4	9/25/2019 0:46	28.94	88.4	5.94	2.4	SR4	9/25/2019 6:46	28.91	80.2	5.24	2.2	SR4	9/25/2019 12:46	29.06	81.2	5.44	4.8	SR4	9/25/2019 18:46	29.10	77.6	5.13	**22.1**
SR4	9/25/2019 0:51	28.97	88.1	5.78	2.4	SR4	9/25/2019 6:51	28.90	76.6	5.14	1.4	SR4	9/25/2019 12:51	28.98	80.4	5.28	5.3	SR4	9/25/2019 18:51	29.10	79.0	5.21	5.3
SR4	9/25/2019 0:56	28.96	88.4	5.78	2.0	SR4	9/25/2019 6:56	28.90	75.6	5.06	2.6	SR4	9/25/2019 12:56	29.04	81.5	5.38	5.6	SR4	9/25/2019 18:56	29.09	77.0	5.06	4.4
SR4	9/25/2019 1:01	28.96	84.7	5.68	2.0	SR4	9/25/2019 7:01	28.90	81.3	5.35	2.7	SR4	9/25/2019 13:01	29.03	82.9	5.42	6.0	SR4	9/25/2019 19:01	29.10	79.0	5.17	4.4
SR4	9/25/2019 1:06	28.97	86.6	5.66	2.8	SR4	9/25/2019 7:06	28.90	83.2	5.46	3.3	SR4	9/25/2019 13:06	29.05	80.1	5.35	4.8	SR4	9/25/2019 19:06	29.10	77.4	5.20	7.2
SR4	9/25/2019 1:11	28.97	85.4	5.64	2.6	SR4	9/25/2019 7:11	28.90	82.9	5.50	2.4	SR4	9/25/2019 13:11	29.07	81.2	5.38	4.7	SR4	9/25/2019 19:11	29.10	79.1	5.27	6.2
SR4	9/25/2019 1:16	28.96	83.5	5.54	2.5	SR4	9/25/2019 7:16	28.90	81.9	5.40	4.1	SR4	9/25/2019 13:16	29.04	78.8	5.16	3.4	SR4	9/25/2019 19:16	29.09	76.6	5.10	4.0
SR4	9/25/2019 1:21	28.92	81.9	5.41	1.9	SR4	9/25/2019 7:21	28.92	79.9	5.32	2.8	SR4	9/25/2019 13:21	29.09	78.1	5.14	3.4	SR4	9/25/2019 19:21	29.09	76.0	5.03	4.1
SR4	9/25/2019 1:26	28.98	86.9	5.78	4.3	SR4	9/25/2019 7:26	28.93	79.4	5.30	3.7	SR4	9/25/2019 13:26	29.07	77.0	5.05	4.2	SR4	9/25/2019 19:26	29.08	75.9	5.07	4.2
SR4	9/25/2019 1:31	28.96	84.1	5.58	2.9	SR4	9/25/2019 7:31	28.92	80.9	5.32	3.1	SR4	9/25/2019 13:31	29.05	86.9	5.82	4.0	SR4	9/25/2019 19:31	29.08	77.3	5.07	4.5
SR4	9/25/2019 1:36	28.93	87.0	5.77	2.9	SR4	9/25/2019 7:36	28.92	80.4	5.26	2.1	SR4	9/25/2019 13:36	29.07	89.0	5.83	3.5	SR4	9/25/2019 19:36	29.09	74.6	4.97	3.3
SR4	9/25/2019 1:41	28.97	86.3	5.78	3.0	SR4	9/25/2019 7:41	28.92	80.0	5.22	2.5	SR4	9/25/2019 13:41	29.12	87.7	5.74	3.4	SR4	9/25/2019 19:41	29.09	73.8	4.84	3.8
SR4	9/25/2019 1:46	28.90	86.7	5.69	2.8	SR4	9/25/2019 7:46	28.93	78.1	5.18	2.8	SR4	9/25/2019 13:46	29.12	88.1	5.76	3.9	SR4	9/25/2019 19:46	29.10	74.2	4.92	4.3
SR4	9/25/2019 1:51	28.88	82.4	5.53	2.4	SR4	9/25/2019 7:51	28.93	78.9	5.28	5.5	SR4	9/25/2019 13:51	29.18	89.9	5.92	4.2	SR4	9/25/2019 19:51	29.09	75.1	4.93	5.4
SR4	9/25/2019 1:56	28.94	83.4	5.57	3.5	SR4	9/25/2019 7:56	28.93	80.3	5.34	3.0	SR4	9/25/2019 13:56	29.19	88.5	5.87	3.6	SR4	9/25/2019 19:56	29.10	73.9	4.83	4.1
SR4	9/25/2019 2:01	28.93	84.0	5.54	3.3	SR4	9/25/2019 8:01	28.93	79.7	5.35	2.9	SR4	9/25/2019 14:01	29.13	91.9	6.02	8.0	SR4	9/25/2019 20:01	29.10	74.4	4.95	4.1
SR4	9/25/2019 2:06	28.99	88.4	5.84	3.7	SR4	9/25/2019 8:06	28.95	79.1	5.29	2.1	SR4	9/25/2019 14:06	29.21	80.1	5.32	4.7	SR4	9/25/2019 20:06	29.10	72.1	4.71	3.0
SR4	9/25/2019 2:11	28.99	85.0	5.66	4.2	SR4	9/25/2019 8:11	28.95	81.5	5.38	3.2	SR4	9/25/2019 14:11	29.16	81.4	5.39	7.0	SR4	9/25/2019 20:11	29.09	71.1	4.74	8.3
SR4	9/25/2019 2:16	28.99	85.7	5.68	3.9	SR4	9/25/2019 8:16	28.96	81.4	5.32	3.2	SR4	9/25/2019 14:16	29.21	82.1	5.51	4.8	SR4	9/25/2019 20:16	29.08	70.7	4.70	3.3
SR4	9/25/2019 2:21	28.98	85.6	5.59	4.0	SR4	9/25/2019 8:21	28.97	77.6	5.20	3.0	SR4	9/25/2019 14:21	29.18	82.1	5.41	4.7	SR4	9/25/2019 20:21	29.08	71.5	4.79	3.1
SR4	9/25/2019 2:26	28.98	81.3	5.38	3.3	SR4	9/25/2019 8:26	28.96	81.0	5.36	3.9	SR4	9/25/2019 14:26	29.17	82.1	5.49	5.3	SR4	9/25/2019 20:26	29.08	69.0	4.63	3.0
SR4	9/25/2019 2:31	28.99	82.7	5.51	4.0	SR4	9/25/2019 8:31	28.97	80.3	5.27	2.9	SR4	9/25/2019 14:31	29.16	78.7	5.09	6.0	SR4	9/25/2019 20:31	29.07	71.4	4.76	2.9
SR4	9/25/2019 2:36	28.97	82.3	5.46	2.9	SR4	9/25/2019 8:36	28.97	80.5	5.38	3.9	SR4	9/25/2019 14:36	29.17	77.8	5.03	5.2	SR4	9/25/2019 20:36	29.08	70.7	4.63	2.3
SR4	9/25/2019 2:41	28.87	81.4	5.38	2.2	SR4	9/25/2019 8:41	28.98	82.3	5.44	4.3	SR4	9/25/2019 14:41	29.18	78.4	5.07	6.1	SR4	9/25/2019 20:41	29.08	75.6	4.98	3.8
SR4	9/25/2019 2:46	28.91	83.7	5.53	2.4	SR4	9/25/2019 8:46	28.99	82.4	5.50	3.3	SR4	9/25/2019 14:46	29.19	77.9	5.04	6.2	SR4	9/25/2019 20:46	29.08	74.5	4.90	3.2
SR4	9/25/2019 2:51	28.92	85.4	5.58	3.5	SR4	9/25/2019 8:51	28.99	82.8	5.47	3.2	SR4	9/25/2019 14:51	29.33	76.3	4.93	5.2	SR4	9/25/2019 20:51	29.08	73.4	4.87	5.5
SR4	9/25/2019 2:56	28.89	83.4	5.47	2.9	SR4	9/25/2019 8:56	29.01	81.9	5.45	3.7	SR4	9/25/2019 14:56	29.32	76.4	4.94	4.3	SR4	9/25/2019 20:56	29.08	71.8	4.82	3.7
SR4	9/25/2019 3:01	28.92	82.1	5.45	2.7	SR4	9/25/2019 9:01	29.02	82.8	5.54	3.2	SR4	9/25/2019 15:01	29.27	79.4	5.13	4.9	SR4	9/25/2019 21:01	29.08	70.8	4.72	5.0
SR4	9/25/2019 3:06	28.90	80.9	5.40	2.6	SR4	9/25/2019 9:06	29.04	83.5	5.45	2.9	SR4	9/25/2019 15:06	29.32	81.4	5.26	3.5	SR4	9/25/2019 21:06	29.08	69.5	4.64	3.9
SR4	9/25/2019 3:11	29.00	80.6	5.30	9.5	SR4	9/25/2019 9:11	29.05	81.4	5.46	3.0	SR4	9/25/2019 15:11	29.33	75.5	4.87	3.2	SR4	9/25/2019 21:11	29.08	71.1	4.73	3.6
SR4	9/25/2019 3:16	29.01	81.1	5.41	3.4	SR4	9/25/2019 9:16	29.05	86.1	5.64	4.1	SR4	9/25/2019 15:16	29.33	73.9	4.77	3.9	SR4	9/25/2019 21:16	29.08	70.2	4.63	2.4
SR4	9/25/2019 3:21	29.01	86.9	5.80	3.5	SR4	9/25/2019 9:21	29.06	84.3	5.64	3.0	SR4	9/25/2019 15:21	29.26	78.6	5.07	4.8	SR4	9/25/2019 21:21	29.06	69.0	4.59	2.4
SR4	9/25/2019 3:26	29.02	86.9	5.81	3.2	SR4	9/25/2019 9:26	29.05	81.2	5.36	3.0	SR4	9/25/2019 15:26	29.25	80.4	5.19	4.0	SR4	9/25/2019 21:26	29.00	69.3	4.58	2.0
SR4	9/25/2019 3:31	29.02	85.7	5.65	3.1	SR4	9/25/2019 9:31	29.07	81.0	5.32	3.8	SR4	9/25/2019 15:31	29.26	80.7	5.21	4.4	SR4	9/25/2019 21:31	29.01	75.4	4.99	2.5
SR4	9/25/2019 3:36	29.05	81.3	5.33	2.9	SR4	9/25/2019 9:36	29.04	79.7	5.30	3.9	SR4	9/25/2019 15:36	29.13	94.5	6.12	7.0	SR4	9/25/2019 21:36	28.99	76.9	5.05	2.6
SR4	9/25/2019 3:41	29.04	76.5	5.14	2.5	SR4	9/25/2019 9:41	29.05	79.6	5.22	3.6	SR4	9/25/2019 15:41	29.26	81.2	5.25	4.4	SR4	9/25/2019 21:41	29.00	74.8	4.99	2.5
SR4	9/25/2019 3:46	29.04	79.3	5.18	3.3	SR4	9/25/2019 9:46	29.06	81.6	5.34	3.2	SR4	9/25/2019 15:46	29.26	81.5	5.27	4.4	SR4	9/25/2019 21:46	28.99	71.9	4.82	**18.0**
SR4	9/25/2019 3:51	29.04	76.3	5.12	2.1	SR4	9/25/2019 9:51	29.10	83.5	5.47	3.6	SR4	9/25/2019 15:51	29.27	80.1	5.17	4.1	SR4	9/25/2019 21:51	29.00	68.4	4.59	**25.7**
SR4	9/25/2019 3:56	29.04	80.3	5.33	2.7	SR4	9/25/2019 9:56	29.12	79.3	5.32	2.4	SR4	9/25/2019 15:56	29.27	82.4	5.33	3.8	SR4	9/25/2019 21:56	29.01	72.9	4.84	**15.4**
SR4	9/25/2019 4:01	29.04	75.2	4.93	1.6	SR4	9/25/2019 10:01	29.09	79.6	5.24	3.3	SR4	9/25/2019 16:01	29.28	80.4	5.19	4.0	SR4	9/25/2019 22:01	29.01	72.9	4.87	3.0
SR4	9/25/2019 4:06	29.04	76.7	5.06	2.4	SR4	9/25/2019 10:06	29.09	78.3	5.24	2.4	SR4	9/25/2019 16:06	29.23	80.3	5.19	4.7	SR4	9/25/2019 22:06	29.02	74.3	4.99	3.8
SR4	9/25/2019 4:11	29.04	77.0	5.05	2.4	SR4	9/25/2019 10:11	29.13	73.6	4.87	3.0	SR4	9/25/2019 16:11	29.18	82.0	5.30	6.7	SR4	9/25/2019 22:11	29.02	73.5	4.87	**12.5**
SR4	9/25/2019 4:16	29.01	74.7	5.02	2.2	SR4	9/25/2019 10:16	29.09	79.5	5.34	4.3	SR4	9/25/2019 16:16	29.16	81.4	5.26	8.3	SR4	9/25/2019 22:16	29.00	77.4	5.07	**12.9**
SR4	9/25/2019 4:21	29.02	76.6	5.05	2.6	SR4	9/25/2019 10:21	29.15	75.4	4.98	3.4	SR4	9/25/2019 16:21	29.14	79.9	5.17	6.6	SR4	9/25/2019 22:21	29.00	75.3	4.96	5.2
SR4	9/25/2019 4:26	29.01	74.8	5.00	2.0	SR4	9/25/2019 10:26	29.10	80.4	5.28	5.0	SR4	9/25/2019 16:26	29.16	79.6	5.15	6.0	SR4	9/25/2019 22:26	29.02	76.1	5.08	**20.0**
SR4	9/25/2019 4:31	29.02	75.3	4.92	1.6	SR4	9/25/2019 10:31	29.11	73.9	4.96	4.3	SR4	9/25/2019 16:31	29.14	79.7	5.15	7.6	SR4	9/25/2019 22:31	29.03	76.8	5.13	3.7
SR4	9/25/2019 4:36	28.98	78.4	5.23	2.6	SR4	9/25/2019 10:36	29.08	80.4	5.39	5.2	SR4	9/25/2019 16:36	29.15	78.8	5.10	7.5	SR4	9/25/2019 22:36	29.03	74.9	4.97	2.4
SR4	9/25/2019 4:41	28.97	78.2	5.24	2.6	SR4	9/25/2019 10:41	29.11	78.6	5.21	4.6	SR4	9/25/2019 16:41	29.14	77.8	5.03	7.8	SR4	9/25/2019 22:41	29.03	78.4	5.12	3.4
SR4	9/25/2019 4:46	28.98	79.8	5.22	2.2	SR4	9/25/2019 10:46	29.11	80.0	5.29	5.8	SR4	9/25/2019 16:46	29.14	78.8	5.10	6.4	SR4	9/25/2019 22:46	29.02	75.7	4.98	2.9
SR4	9/25/2019 4:51	28.99	79.8	5.22	3.0	SR4	9/25/2019 10:51	29.09	77.5	5.09	5.2	SR4	9/25/2019 16:51	29.14	78.7	5.10	7.0	SR4	9/25/2019 22:51	29.03	75.8	4.96	2.9
SR4	9/25/2019 4:56	29.00	78.9	5.16	3.0	SR4	9/25/2019 10:56	29.09	79.5	5.21	5.4	SR4	9/25/2019 16:56	29.14	77.3	5.01	5.3	SR4	9/25/2019 22:56	29.02	75.0	4.93	2.8
SR4	9/25/2019 5:01	29.02	75.4	4.97	2.7	SR4	9/25/2019 11:01	29.08	75.8	5.03	3.7	SR4	9/25/2019 17:01	29.15	76.3	4.94	5.1	SR4	9/25/2019 23:01	29.02	73.8	4.92	2.5
SR4	9/25/2019 5:06	29.01	76.2	5.10	3.2	SR4	9/25/2019 11:06	29.09	75.8	4.97	4.2	SR4	9/25/2019 17:06	29.14	76.5	4.95	5.7	SR4	9/25/2019 23:06	29.04	76.3	5.01	2.8
SR4	9/25/2019 5:11	29.01	79.1	5.28	5.0	SR4	9/25/2019 11:11	29.07	72.0	4.76	5.8	SR4	9/25/2019 17:11	29.14	77.2	5.00	5.7	SR4	9/25/2019 23:11	29.04	73.8	4.88	3.0
SR4	9/25/2019 5:16	29.03	77.5	5.18	3.4	SR4	9/25/2019 11:16	29.13	75.0	5.03	5.0	SR4	9/25/2019 17:16	29.14	75.0	4.86	3.7	SR4	9/25/2019 23:16	29.04	73.7	4.90	2.7
SR4	9/25/2019 5:21	29.04	78.5	5.16	3.3	SR4	9/25/2019 11:21	29.09	77.3	5.16	4.8	SR4	9/25/2019 17:21	29.13	79.1	5.13	4.9	SR4	9/25/2019 23:21	29.05	74.1	4.90	2.9
SR4	9/25/2019 5:26	29.03	81.8	5.36	4.0	SR4	9/25/2019 11:26	29.05	81.2	5.41	8.3	SR4	9/25/2019 17:26	29.14	81.8	5.48	5.5	SR4	9/25/2019 23:26	29.04	73.9	4.95	3.1
SR4	9/25/2019 5:31	29.01	81.8	5.42	3.1	SR4	9/25/2019 11:31	29.05	80.4	5.36	7.9	SR4	9/25/2019 17:31	29.14	81.8	5.42	4.4	SR4	9/25/2019 23:31	29.04	71.8	4.76	2.4
SR4	9/25/2019 5:36	29.00	81.9	5.46	3.0	SR4	9/25/2019 11:36	29.06	81.1	5.34	8.3	SR4	9/25/2019 17:36	29.13	80.3	5.36	4.4	SR4	9/25/2019 23:36	29.04	73.8	4.83	2.6
SR4	9/25/2019 5:41	28.99	82.2	5.41	3.0	SR4	9/25/2019 11:41	29.10	78.5	5.16	7.6	SR4	9/25/2019 17:41	29.11	82.2	5.49	5.6	SR4	9/25/2019 23:41	28.95	70.6	4.69	1.7
SR4	9/25/2019 5:46	28.98	80.7	5.35	2.4	SR4	9/25/2019 11:46	29.06	77.5	5.09	8.8	SR4	9/25/2019 17:46	29.14	81.3	5.32	5.5	SR4	9/25/2019 23:46	28.96	72.5	4.81	1.9
SR4	9/25/2019 5:51	28.94	81.4	5.45	2.5	SR4	9/25/2019 11:51	29.06	82.2	5.40	**11.7**	SR4	9/25/2019 17:51	29.13	81.7	5.37	6.2	SR4	9/25/2019 23:51	28.86	67.5	4.49	1.4
SR4	9/25/2019 5:56	28.93	82.0	5.41	2.1	SR4	9/25/2019 11:56	29.04	82.5	5.54	**10.4**	SR4	9/25/2019 17:56	29.13	79.6	5.34	5.4	SR4	9/25/2019 23:56	28.87	60.7	4.06	1.6

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	9/25/2019 0:00	28.98	87.9	5.62	3.5	SR5	9/25/2019 6:00	29.04	80.6	5.46	5.0	SR5	9/25/2019 12:00	28.92	99.6	6.80	5.7	SR5	9/25/2019 18:00	29.02	86.4	5.71	6.1
SR5	9/25/2019 0:05	28.97	88.1	5.64	4.5	SR5	9/25/2019 6:05	29.01	81.5	5.57	4.8	SR5	9/25/2019 12:05	28.93	101.3	6.90	6.3	SR5	9/25/2019 18:05	29.02	87.2	5.75	4.2
SR5	9/25/2019 0:10	28.98	87.8	5.62	4.1	SR5	9/25/2019 6:10	29.04	81.4	5.52	4.6	SR5	9/25/2019 12:10	28.95	102.0	6.96	6.3	SR5	9/25/2019 18:10	29.03	86.5	5.68	5.1
SR5	9/25/2019 0:15	28.95	88.4	5.66	6.3	SR5	9/25/2019 6:15	29.04	80.5	5.48	5.7	SR5	9/25/2019 12:15	28.99	103.1	6.93	4.6	SR5	9/25/2019 18:15	29.03	86.4	5.73	5.2
SR5	9/25/2019 0:20	28.95	87.8	5.62	5.5	SR5	9/25/2019 6:20	29.04	80.3	5.48	5.6	SR5	9/25/2019 12:20	28.96	101.1	6.78	5.9	SR5	9/25/2019 18:20	29.03	85.9	5.67	5.6
SR5	9/25/2019 0:25	28.96	87.7	5.62	6.5	SR5	9/25/2019 6:25	29.04	80.5	5.48	4.4	SR5	9/25/2019 12:25	29.01	103.8	6.92	3.5	SR5	9/25/2019 18:25	29.03	85.9	5.65	5.3
SR5	9/25/2019 0:30	28.96	88.6	5.67	3.9	SR5	9/25/2019 6:30	29.04	80.8	5.51	4.4	SR5	9/25/2019 12:30	28.99	103.4	6.88	4.2	SR5	9/25/2019 18:30	29.02	85.6	5.60	4.8
SR5	9/25/2019 0:35	28.95	88.4	5.66	5.3	SR5	9/25/2019 6:35	29.04	81.0	5.52	3.7	SR5	9/25/2019 12:35	28.95	99.4	6.61	6.7	SR5	9/25/2019 18:35	29.02	85.8	5.63	5.2
SR5	9/25/2019 0:40	28.96	89.0	5.69	4.0	SR5	9/25/2019 6:40	29.03	81.4	5.53	4.3	SR5	9/25/2019 12:40	28.95	98.2	6.53	4.3	SR5	9/25/2019 18:40	29.03	85.7	5.78	5.1
SR5	9/25/2019 0:45	28.95	88.7	5.68	4.5	SR5	9/25/2019 6:45	29.02	81.0	5.50	5.0	SR5	9/25/2019 12:45	28.98	100.1	6.65	4.2	SR5	9/25/2019 18:45	29.03	85.4	5.60	4.1
SR5	9/25/2019 0:50	28.93	89.1	5.71	5.7	SR5	9/25/2019 6:50	29.03	80.9	5.50	4.5	SR5	9/25/2019 12:50	28.98	99.2	6.61	4.7	SR5	9/25/2019 18:50	29.02	85.4	5.67	5.6
SR5	9/25/2019 0:55	28.93	89.1	5.71	5.1	SR5	9/25/2019 6:55	28.95	79.9	5.45	4.3	SR5	9/25/2019 12:55	28.96	98.1	6.57	4.1	SR5	9/25/2019 18:55	29.02	84.9	5.57	3.7
SR5	9/25/2019 1:00	28.94	89.3	5.72	5.8	SR5	9/25/2019 7:00	29.04	80.6	5.46	5.5	SR5	9/25/2019 13:00	28.98	96.9	6.53	5.2	SR5	9/25/2019 19:00	29.03	84.4	5.63	5.8
SR5	9/25/2019 1:05	28.92	89.4	5.73	4.1	SR5	9/25/2019 7:05	29.03	80.6	5.49	4.8	SR5	9/25/2019 13:05	28.98	97.6	6.58	5.5	SR5	9/25/2019 19:05	29.03	84.2	5.85	6.3
SR5	9/25/2019 1:10	28.92	89.5	5.73	6.2	SR5	9/25/2019 7:10	29.03	80.8	5.48	5.0	SR5	9/25/2019 13:10	29.01	98.1	6.56	4.6	SR5	9/25/2019 19:10	29.03	84.4	5.76	4.0
SR5	9/25/2019 1:15	28.93	89.6	5.74	5.8	SR5	9/25/2019 7:15	28.99	80.3	5.47	4.4	SR5	9/25/2019 13:15	29.02	99.6	6.64	5.7	SR5	9/25/2019 19:15	29.03	83.9	5.81	4.6
SR5	9/25/2019 1:20	28.95	88.9	5.69	6.3	SR5	9/25/2019 7:20	29.04	80.5	5.46	4.8	SR5	9/25/2019 13:20	29.03	99.9	6.66	6.5	SR5	9/25/2019 19:20	29.02	83.6	5.92	5.2
SR5	9/25/2019 1:25	28.94	88.5	5.67	5.4	SR5	9/25/2019 7:25	29.04	80.6	5.47	5.4	SR5	9/25/2019 13:25	29.03	99.5	6.65	6.0	SR5	9/25/2019 19:25	29.03	83.7	5.84	5.1
SR5	9/25/2019 1:30	28.95	88.6	5.67	5.4	SR5	9/25/2019 7:30	29.04	80.3	5.48	4.5	SR5	9/25/2019 13:30	29.03	99.2	6.65	4.3	SR5	9/25/2019 19:30	29.03	83.4	5.76	4.9
SR5	9/25/2019 1:35	28.92	89.1	5.71	5.5	SR5	9/25/2019 7:35	29.05	80.5	5.48	4.1	SR5	9/25/2019 13:35	29.02	98.7	6.55	4.4	SR5	9/25/2019 19:35	29.03	83.0	5.77	5.2
SR5	9/25/2019 1:40	28.94	88.8	5.69	6.7	SR5	9/25/2019 7:40	29.05	80.5	5.49	5.1	SR5	9/25/2019 13:40	29.05	101.7	6.77	4.5	SR5	9/25/2019 19:40	29.03	83.1	5.82	4.3
SR5	9/25/2019 1:45	28.96	86.7	5.55	4.0	SR5	9/25/2019 7:45	29.05	81.0	5.53	3.9	SR5	9/25/2019 13:45	29.06	100.8	6.69	4.9	SR5	9/25/2019 19:45	29.03	83.3	5.71	6.5
SR5	9/25/2019 1:50	28.96	86.2	5.52	4.7	SR5	9/25/2019 7:50	29.00	79.9	5.44	4.6	SR5	9/25/2019 13:50	29.05	100.2	6.62	5.2	SR5	9/25/2019 19:50	29.03	83.3	5.72	6.3
SR5	9/25/2019 1:55	28.94	86.0	5.50	4.9	SR5	9/25/2019 7:55	29.00	81.1	5.50	5.6	SR5	9/25/2019 13:55	29.04	100.2	6.62	4.5	SR5	9/25/2019 19:55	29.03	82.8	5.70	5.9
SR5	9/25/2019 2:00	28.93	85.9	5.50	5.7	SR5	9/25/2019 8:00	29.01	81.6	5.56	4.1	SR5	9/25/2019 14:00	29.08	103.2	6.78	6.0	SR5	9/25/2019 20:00	29.03	82.6	5.71	5.2
SR5	9/25/2019 2:05	28.93	84.9	5.44	4.6	SR5	9/25/2019 8:05	29.01	81.8	5.58	4.2	SR5	9/25/2019 14:05	29.08	103.2	6.81	4.8	SR5	9/25/2019 20:05	29.04	82.6	5.68	4.9
SR5	9/25/2019 2:10	28.92	85.6	5.48	4.0	SR5	9/25/2019 8:10	28.99	81.7	5.54	5.6	SR5	9/25/2019 14:10	29.10	103.2	6.79	4.4	SR5	9/25/2019 20:10	29.05	82.4	5.67	5.8
SR5	9/25/2019 2:15	28.91	86.7	5.55	6.0	SR5	9/25/2019 8:15	28.95	82.0	5.55	5.7	SR5	9/25/2019 14:15	29.08	102.4	6.72	6.0	SR5	9/25/2019 20:15	29.04	82.4	5.68	4.6
SR5	9/25/2019 2:20	28.93	87.0	5.57	5.2	SR5	9/25/2019 8:20	28.96	82.1	5.56	4.8	SR5	9/25/2019 14:20	29.04	98.9	6.51	4.4	SR5	9/25/2019 20:20	29.05	82.1	5.62	4.4
SR5	9/25/2019 2:25	28.92	84.7	5.42	4.3	SR5	9/25/2019 8:25	28.95	82.2	5.61	4.2	SR5	9/25/2019 14:25	29.06	99.9	6.54	5.1	SR5	9/25/2019 20:25	29.05	82.1	5.60	4.3
SR5	9/25/2019 2:30	28.92	85.1	5.45	5.7	SR5	9/25/2019 8:30	28.94	82.6	5.61	6.7	SR5	9/25/2019 14:30	29.05	98.9	6.50	5.5	SR5	9/25/2019 20:30	29.05	82.0	5.58	6.0
SR5	9/25/2019 2:35	28.92	85.5	5.48	5.2	SR5	9/25/2019 8:35	28.79	84.5	5.73	3.8	SR5	9/25/2019 14:35	29.06	99.1	6.52	5.7	SR5	9/25/2019 20:35	29.05	81.0	5.54	5.8
SR5	9/25/2019 2:40	28.88	87.0	5.58	6.1	SR5	9/25/2019 8:40	28.84	86.9	5.57	5.9	SR5	9/25/2019 14:40	29.06	98.9	6.57	6.4	SR5	9/25/2019 20:40	29.06	81.0	5.53	5.3
SR5	9/25/2019 2:45	28.87	87.0	5.57	4.2	SR5	9/25/2019 8:45	28.72	87.7	5.64	6.1	SR5	9/25/2019 14:45	29.04	97.1	6.40	4.8	SR5	9/25/2019 20:45	29.05	82.1	5.62	6.7
SR5	9/25/2019 2:50	28.87	88.8	5.69	5.8	SR5	9/25/2019 8:50	28.73	86.9	5.59	6.4	SR5	9/25/2019 14:50	29.07	99.1	6.54	5.5	SR5	9/25/2019 20:50	29.06	81.5	5.60	4.0
SR5	9/25/2019 2:55	28.92	86.0	5.50	5.9	SR5	9/25/2019 8:55	28.77	87.4	5.61	5.3	SR5	9/25/2019 14:55	29.07	99.3	6.56	5.1	SR5	9/25/2019 20:55	29.06	81.7	5.60	4.5
SR5	9/25/2019 3:00	28.89	86.0	5.51	4.3	SR5	9/25/2019 9:00	28.76	88.1	5.66	5.0	SR5	9/25/2019 15:00	29.03	97.5	6.44	5.8	SR5	9/25/2019 21:00	29.05	81.7	5.61	6.0
SR5	9/25/2019 3:05	28.87	85.4	5.47	4.8	SR5	9/25/2019 9:05	28.76	87.8	5.64	6.5	SR5	9/25/2019 15:05	29.04	97.5	6.39	6.2	SR5	9/25/2019 21:05	29.06	81.7	5.55	5.5
SR5	9/25/2019 3:10	28.86	85.1	5.46	5.4	SR5	9/25/2019 9:10	28.73	88.7	5.70	6.4	SR5	9/25/2019 15:10	29.07	99.2	6.52	5.0	SR5	9/25/2019 21:10	29.06	81.6	5.52	5.7
SR5	9/25/2019 3:15	28.88	84.8	5.44	6.4	SR5	9/25/2019 9:15	28.71	89.6	5.76	5.5	SR5	9/25/2019 15:15	29.07	99.4	6.51	5.5	SR5	9/25/2019 21:15	29.06	81.6	5.50	4.5
SR5	9/25/2019 3:20	28.85	85.6	5.49	6.5	SR5	9/25/2019 9:20	28.76	88.3	5.67	4.5	SR5	9/25/2019 15:20	29.05	95.9	6.30	6.1	SR5	9/25/2019 21:20	29.06	81.2	5.47	4.7
SR5	9/25/2019 3:25	28.86	85.4	5.48	5.3	SR5	9/25/2019 9:25	28.77	88.2	5.66	5.5	SR5	9/25/2019 15:25	29.05	95.1	6.25	6.3	SR5	9/25/2019 21:25	29.06	80.5	5.39	4.8
SR5	9/25/2019 3:30	28.89	84.0	5.38	4.4	SR5	9/25/2019 9:30	28.80	87.9	5.64	5.9	SR5	9/25/2019 15:30	29.02	92.9	6.11	4.8	SR5	9/25/2019 21:30	29.07	79.3	5.30	5.7
SR5	9/25/2019 3:35	28.92	83.9	5.37	5.4	SR5	9/25/2019 9:35	28.80	87.7	5.63	6.1	SR5	9/25/2019 15:35	29.03	92.9	6.08	4.7	SR5	9/25/2019 21:35	29.07	79.2	5.32	5.1
SR5	9/25/2019 3:40	28.95	83.6	5.35	6.9	SR5	9/25/2019 9:40	28.82	87.8	5.63	5.4	SR5	9/25/2019 15:40	29.05	93.9	6.21	6.6	SR5	9/25/2019 21:40	29.07	79.5	5.35	5.2
SR5	9/25/2019 3:45	28.96	83.8	5.36	4.4	SR5	9/25/2019 9:45	28.86	87.6	5.61	4.7	SR5	9/25/2019 15:45	29.02	91.9	6.00	6.7	SR5	9/25/2019 21:45	29.07	80.6	5.34	5.4
SR5	9/25/2019 3:50	28.95	84.2	5.39	4.9	SR5	9/25/2019 9:50	28.87	87.2	5.59	3.6	SR5	9/25/2019 15:50	29.02	91.7	5.97	5.8	SR5	9/25/2019 21:50	29.07	80.4	5.33	4.7
SR5	9/25/2019 3:55	28.96	84.0	5.37	5.3	SR5	9/25/2019 9:55	28.87	87.9	5.63	5.6	SR5	9/25/2019 15:55	29.02	91.9	6.06	4.2	SR5	9/25/2019 21:55	29.00	81.4	5.37	5.8
SR5	9/25/2019 4:00	28.96	83.9	5.36	4.5	SR5	9/25/2019 10:00	28.88	88.2	5.66	4.9	SR5	9/25/2019 16:00	29.03	92.2	6.13	6.0	SR5	9/25/2019 22:00	28.97	82.6	5.43	3.6
SR5	9/25/2019 4:05	28.98	84.0	5.37	4.9	SR5	9/25/2019 10:05	28.91	91.4	5.86	3.5	SR5	9/25/2019 16:05	29.04	92.2	6.14	5.8	SR5	9/25/2019 22:05	29.00	82.6	5.43	5.4
SR5	9/25/2019 4:10	28.99	83.8	5.35	4.3	SR5	9/25/2019 10:10	28.74	94.9	6.29	5.1	SR5	9/25/2019 16:10	29.05	92.6	6.19	5.0	SR5	9/25/2019 22:10	29.01	83.3	5.46	5.6
SR5	9/25/2019 4:15	28.99	83.5	5.33	5.8	SR5	9/25/2019 10:15	28.81	93.2	6.14	6.4	SR5	9/25/2019 16:15	29.06	92.6	6.24	6.3	SR5	9/25/2019 22:15	29.02	83.3	5.45	5.9
SR5	9/25/2019 4:20	28.95	82.0	5.24	5.2	SR5	9/25/2019 10:20	28.74	95.1	6.28	6.3	SR5	9/25/2019 16:20	29.05	92.5	6.17	6.6	SR5	9/25/2019 22:20	29.02	83.4	5.42	4.9
SR5	9/25/2019 4:25	28.92	83.0	5.31	5.5	SR5	9/25/2019 10:25	28.77	93.2	6.18	6.1	SR5	9/25/2019 16:25	29.05	92.1	6.13	4.6	SR5	9/25/2019 22:25	29.03	83.7	5.43	6.8
SR5	9/25/2019 4:30	28.99	83.3	5.32	4.7	SR5	9/25/2019 10:30	28.82	96.5	6.54	6.6	SR5	9/25/2019 16:30	29.04	91.8	6.13	6.3	SR5	9/25/2019 22:30	29.02	83.9	5.39	3.3
SR5	9/25/2019 4:35	28.89	83.1	5.32	6.0	SR5	9/25/2019 10:35	28.80	94.5	6.40	5.1	SR5	9/25/2019 16:35	29.07	92.6	6.18	5.2	SR5	9/25/2019 22:35	29.02	84.0	5.39	5.2
SR5	9/25/2019 4:40	28.87	83.5	5.35	6.2	SR5	9/25/2019 10:40	28.79	93.7	6.46	6.1	SR5	9/25/2019 16:40	29.06	92.8	6.14	5.1	SR5	9/25/2019 22:40	29.02	84.0	5.32	4.2
SR5	9/25/2019 4:45	28.90	83.7	5.36	6.1	SR5	9/25/2019 10:45	28.85	94.3	6.53	5.5	SR5	9/25/2019 16:45	29.04	91.1	6.02	6.0	SR5	9/25/2019 22:45	29.01	84.0	5.33	4.6
SR5	9/25/2019 4:50	28.97	83.1	5.31	4.6	SR5	9/25/2019 10:50	28.85	94.7	6.52	4.2	SR5	9/25/2019 16:50	29.04	91.3	6.03	5.7	SR5	9/25/2019 22:50	29.01	84.1	5.33	5.5
SR5	9/25/2019 4:55	29.01	83.7	5.34	5.2	SR5	9/25/2019 10:55	28.84	94.7	6.47	5.8	SR5	9/25/2019 16:55	29.03	90.5	5.97	3.8	SR5	9/25/2019 22:55	28.99	84.7	5.37	4.6
SR5	9/25/2019 5:00	29.03	82.7	5.28	4.1	SR5	9/25/2019 11:00	28.83	93.3	6.44	5.3	SR5	9/25/2019 17:00	29.03	89.9	5.91	4.7	SR5	9/25/2019 23:00	28.99	85.5	5.42	4.6
SR5	9/25/2019 5:05	29.05	80.7	5.49	4.9	SR5	9/25/2019 11:05	28.83	94.0	6.44	5.9	SR5	9/25/2019 17:05	29.02	89.6	5.89	4.9	SR5	9/25/2019 23:05	29.00	86.0	5.46	4.1
SR5	9/25/2019 5:10	29.06	80.2	5.45	5.3	SR5	9/25/2019 11:10	28.82	94.3	6.43	6.0	SR5	9/25/2019 17:10	29.02	89.8	5.91	4.2	SR5	9/25/2019 23:10	29.00	86.6	5.50	5.4
SR5	9/25/2019 5:15	29.06	79.0	5.34	6.0	SR5	9/25/2019 11:15	28.83	93.4	6.35	4.4	SR5	9/25/2019 17:15	29.02	89.8	5.94	6.2	SR5	9/25/2019 23:15	28.99	85.9	5.46	4.9
SR5	9/25/2019 5:20	29.06	78.2	5.31	5.5	SR5	9/25/2019 11:20	28.87	96.5	6.61	4.3	SR5	9/25/2019 17:20	29.03	90.0	5.97	5.2	SR5	9/25/2019 23:20	29.01	86.2	5.47	5.0
SR5	9/25/2019 5:25	29.06	78.8	5.34	6.9	SR5	9/25/2019 11:25	28.86	95.0	6.54	4.8	SR5	9/25/2019 17:25	29.01	88.2	5.80	4.0	SR5	9/25/2019 23:25	29.01	86.5	5.49	4.8
SR5	9/25/2019 5:30	29.04	79.1	5.37	6.5	SR5	9/25/2019 11:30	28.92	95.1	6.53	5.0	SR5	9/25/2019 17:30	29.01	88.3	5.79	5.0	SR5	9/25/2019 23:30	29.00	86.6	5.51	4.6
SR5	9/25/2019 5:35	29.03	80.7	5.50	4.1	SR5	9/25/2019 11:35	28.87	94.3	6.45	6.7	SR5	9/25/2019 17:35	29.01	87.7	5.86	3.9	SR5	9/25/2019 23:35	28.99	87.7	5.71	3.5
SR5	9/25/2019 5:40	29.05	80.6	5.50	6.0	SR5	9/25/2019 11:40	28.93	95.4	6.54	5.5	SR5	9/25/2019 17:40	29.01	87.3	5.75	5.9	SR5	9/25/2019 23:40	29.00	87.1	5.78	5.6
SR5	9/25/2019 5:45	29.05	80.5	5.49	6.0	SR5	9/25/2019 11:45	28.94	98.3	6.68	4.2	SR5	9/25/2019 17:45	29.02	87.1	5.69	4.4	SR5	9/25/2019 23:45	29.00	86.6	5.76	5.9
SR5	9/25/2019 5:50	29.05	80.8	5.48	4.0	SR5	9/25/2019 11:50	28.92	98.1	6.68	5.1	SR5	9/25/2019 17:50	29.02	86.8	5.70	4.7	SR5	9/25/2019 23:50	29.01	86.8	5.71	5.6
SR5	9/25/2019 5:55	29.04	81.0	5.51	4.6	SR5	9/25/2019 11:55	28.95	99.4	6.78	5.4	SR5	9/25/2019 17:55	29.02	86.6	5.67	5.0	SR5	9/25/2019 23:55	29.01	86.6	5.68	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	9/25/2019 0:01	29.44	79.0	5.34	5.6	SR12	9/25/2019 6:01	29.80	80.4	5.48	4.5	SR12	9/25/2019 12:01	29.74	78.0	5.31	4.4	SR12	9/25/2019 18:01	29.09	82.5	5.52	4.2
SR12	9/25/2019 0:06	29.39	83.6	5.70	5.2	SR12	9/25/2019 6:06	29.79	77.7	5.32	5.0	SR12	9/25/2019 12:06	29.71	78.6	5.34	4.3	SR12	9/25/2019 18:06	29.11	81.6	5.49	4.5
SR12	9/25/2019 0:11	29.43	86.4	5.83	5.6	SR12	9/25/2019 6:11	29.82	80.7	5.45	5.6	SR12	9/25/2019 12:11	29.68	77.1	5.27	5.0	SR12	9/25/2019 18:11	29.10	81.9	5.51	4.2
SR12	9/25/2019 0:16	29.44	85.9	5.83	6.5	SR12	9/25/2019 6:16	29.82	77.4	5.29	4.8	SR12	9/25/2019 12:16	29.67	77.7	5.29	5.0	SR12	9/25/2019 18:16	29.09	82.5	5.51	4.4
SR12	9/25/2019 0:21	29.45	85.8	5.79	6.5	SR12	9/25/2019 6:21	29.83	78.8	5.34	5.2	SR12	9/25/2019 12:21	29.65	78.0	5.34	4.0	SR12	9/25/2019 18:21	29.11	82.7	5.56	4.1
SR12	9/25/2019 0:26	29.45	85.4	5.80	6.2	SR12	9/25/2019 6:26	29.84	76.5	5.23	4.5	SR12	9/25/2019 12:26	29.64	78.2	5.27	4.5	SR12	9/25/2019 18:26	29.09	80.9	5.44	4.2
SR12	9/25/2019 0:31	29.49	86.4	5.87	5.2	SR12	9/25/2019 6:31	29.85	77.3	5.24	4.4	SR12	9/25/2019 12:31	29.62	78.8	5.38	5.2	SR12	9/25/2019 18:31	29.10	80.6	5.41	4.8
SR12	9/25/2019 0:36	29.53	84.7	5.77	6.5	SR12	9/25/2019 6:36	29.90	77.2	5.25	4.1	SR12	9/25/2019 12:36	29.62	78.5	5.39	5.1	SR12	9/25/2019 18:36	29.10	80.8	5.41	4.3
SR12	9/25/2019 0:41	29.54	83.2	5.68	7.0	SR12	9/25/2019 6:41	29.86	75.3	5.13	4.4	SR12	9/25/2019 12:41	29.63	80.4	5.42	4.0	SR12	9/25/2019 18:41	29.10	80.7	5.39	4.9
SR12	9/25/2019 0:46	29.59	83.4	5.73	5.1	SR12	9/25/2019 6:46	29.98	76.9	5.21	5.9	SR12	9/25/2019 12:46	29.63	80.2	5.43	4.5	SR12	9/25/2019 18:46	29.11	81.3	5.44	4.9
SR12	9/25/2019 0:51	29.58	81.1	5.52	4.5	SR12	9/25/2019 6:51	30.01	76.5	5.26	4.7	SR12	9/25/2019 12:51	29.64	78.8	5.31	4.8	SR12	9/25/2019 18:51	29.11	80.1	5.37	4.5
SR12	9/25/2019 0:56	29.56	84.3	5.69	4.6	SR12	9/25/2019 6:56	30.02	76.3	5.20	4.7	SR12	9/25/2019 12:56	29.65	78.2	5.35	4.9	SR12	9/25/2019 18:56	29.11	80.8	5.43	5.3
SR12	9/25/2019 1:01	29.57	82.8	5.69	6.7	SR12	9/25/2019 7:01	29.95	74.3	5.10	4.4	SR12	9/25/2019 13:01	29.63	77.6	5.30	3.9	SR12	9/25/2019 19:01	29.11	81.1	5.45	5.2
SR12	9/25/2019 1:06	29.59	84.2	5.70	6.0	SR12	9/25/2019 7:06	29.85	69.1	4.74	3.6	SR12	9/25/2019 13:06	29.62	80.0	5.48	6.4	SR12	9/25/2019 19:06	29.11	81.4	5.43	4.5
SR12	9/25/2019 1:11	29.58	83.4	5.63	5.2	SR12	9/25/2019 7:11	29.90	71.3	4.82	4.0	SR12	9/25/2019 13:11	29.63	79.9	5.46	4.8	SR12	9/25/2019 19:11	29.11	79.7	5.35	4.0
SR12	9/25/2019 1:16	29.60	83.5	5.72	6.0	SR12	9/25/2019 7:16	29.96	76.8	5.25	5.4	SR12	9/25/2019 13:16	29.62	79.2	5.37	5.3	SR12	9/25/2019 19:16	29.11	80.5	5.36	4.4
SR12	9/25/2019 1:21	29.58	84.2	5.75	5.3	SR12	9/25/2019 7:21	29.99	79.1	5.45	5.3	SR12	9/25/2019 13:21	29.62	81.7	5.54	6.1	SR12	9/25/2019 19:21	29.11	81.6	5.43	5.5
SR12	9/25/2019 1:26	29.58	82.6	5.64	6.6	SR12	9/25/2019 7:26	29.99	80.6	5.46	4.1	SR12	9/25/2019 13:26	29.60	81.3	5.51	4.6	SR12	9/25/2019 19:26	29.11	81.1	5.44	4.7
SR12	9/25/2019 1:31	29.57	80.6	5.55	5.5	SR12	9/25/2019 7:31	29.99	79.9	5.41	4.7	SR12	9/25/2019 13:31	29.60	81.1	5.52	5.0	SR12	9/25/2019 19:31	29.11	81.5	5.45	4.9
SR12	9/25/2019 1:36	29.62	83.0	5.68	6.2	SR12	9/25/2019 7:36	29.93	76.2	5.19	5.1	SR12	9/25/2019 13:36	29.10	81.8	5.70	4.3	SR12	9/25/2019 19:36	29.11	79.9	5.35	4.8
SR12	9/25/2019 1:41	29.66	83.3	5.71	6.4	SR12	9/25/2019 7:41	29.93	79.3	5.42	4.4	SR12	9/25/2019 13:41	29.15	82.2	5.75	4.3	SR12	9/25/2019 19:41	29.11	79.6	5.32	4.8
SR12	9/25/2019 1:46	29.67	83.7	5.70	5.4	SR12	9/25/2019 7:46	29.92	78.5	5.27	5.0	SR12	9/25/2019 13:46	29.26	82.0	5.77	3.9	SR12	9/25/2019 19:46	29.10	79.8	5.37	4.7
SR12	9/25/2019 1:51	29.68	82.5	5.64	5.5	SR12	9/25/2019 7:51	29.92	78.0	5.33	5.5	SR12	9/25/2019 13:51	29.25	83.2	5.81	4.0	SR12	9/25/2019 19:51	29.10	83.1	5.59	5.0
SR12	9/25/2019 1:56	29.71	84.3	5.75	6.3	SR12	9/25/2019 7:56	29.90	79.4	5.41	5.5	SR12	9/25/2019 13:56	29.13	82.5	5.78	3.9	SR12	9/25/2019 19:56	29.10	81.6	5.48	4.6
SR12	9/25/2019 2:01	29.66	83.4	5.65	7.1	SR12	9/25/2019 8:01	29.91	80.4	5.47	5.5	SR12	9/25/2019 14:01	29.09	82.5	5.74	4.0	SR12	9/25/2019 20:01	29.09	80.4	5.37	4.5
SR12	9/25/2019 2:06	29.71	83.4	5.69	6.6	SR12	9/25/2019 8:06	29.84	78.6	5.37	5.1	SR12	9/25/2019 14:06	29.24	81.8	5.70	4.6	SR12	9/25/2019 20:06	29.11	81.5	5.48	4.5
SR12	9/25/2019 2:11	29.69	83.3	5.68	5.7	SR12	9/25/2019 8:11	29.88	81.5	5.51	4.8	SR12	9/25/2019 14:11	29.10	82.2	5.78	4.2	SR12	9/25/2019 20:11	29.10	82.2	5.48	4.5
SR12	9/25/2019 2:16	29.65	81.6	5.55	5.7	SR12	9/25/2019 8:16	29.92	80.6	5.46	5.2	SR12	9/25/2019 14:16	29.05	81.3	5.66	4.6	SR12	9/25/2019 20:16	29.11	81.6	5.45	4.8
SR12	9/25/2019 2:21	29.70	80.6	5.49	4.7	SR12	9/25/2019 8:21	29.90	83.3	5.60	5.1	SR12	9/25/2019 14:21	29.16	82.2	5.73	4.6	SR12	9/25/2019 20:21	29.11	82.3	5.48	4.6
SR12	9/25/2019 2:26	29.73	81.7	5.54	5.3	SR12	9/25/2019 8:26	29.90	80.8	5.52	4.4	SR12	9/25/2019 14:26	29.22	81.2	5.68	6.6	SR12	9/25/2019 20:26	29.11	81.3	5.44	4.9
SR12	9/25/2019 2:31	29.76	82.4	5.59	5.1	SR12	9/25/2019 8:31	29.89	83.0	5.68	5.4	SR12	9/25/2019 14:31	29.22	79.7	5.59	3.5	SR12	9/25/2019 20:31	29.12	82.4	5.51	4.7
SR12	9/25/2019 2:36	29.73	81.7	5.53	5.0	SR12	9/25/2019 8:36	29.86	81.8	5.53	4.3	SR12	9/25/2019 14:36	29.17	82.0	5.70	4.8	SR12	9/25/2019 20:36	29.11	81.2	5.45	4.5
SR12	9/25/2019 2:41	29.69	79.7	5.45	5.6	SR12	9/25/2019 8:41	29.82	80.8	5.53	4.4	SR12	9/25/2019 14:41	29.26	80.5	5.59	4.4	SR12	9/25/2019 20:41	29.12	80.4	5.41	4.8
SR12	9/25/2019 2:46	29.67	77.9	5.33	5.4	SR12	9/25/2019 8:46	29.81	81.8	5.55	4.7	SR12	9/25/2019 14:46	29.32	78.3	5.51	3.4	SR12	9/25/2019 20:46	29.11	78.4	5.27	4.2
SR12	9/25/2019 2:51	29.66	78.8	5.36	5.8	SR12	9/25/2019 8:51	29.81	81.7	5.50	3.6	SR12	9/25/2019 14:51	29.19	77.9	5.48	4.6	SR12	9/25/2019 20:51	29.11	78.8	5.28	4.0
SR12	9/25/2019 2:56	29.64	79.4	5.47	4.9	SR12	9/25/2019 8:56	29.82	80.5	5.49	4.9	SR12	9/25/2019 14:56	29.13	80.7	5.62	4.1	SR12	9/25/2019 20:56	29.11	79.3	5.31	3.6
SR12	9/25/2019 3:01	29.65	77.7	5.32	6.0	SR12	9/25/2019 9:01	29.83	81.9	5.55	5.1	SR12	9/25/2019 15:01	29.22	81.9	5.70	3.7	SR12	9/25/2019 21:01	29.11	80.3	5.37	3.5
SR12	9/25/2019 3:06	29.64	76.3	5.20	5.1	SR12	9/25/2019 9:06	29.82	81.3	5.51	5.2	SR12	9/25/2019 15:06	29.18	82.0	5.74	3.7	SR12	9/25/2019 21:06	29.11	80.9	5.44	3.1
SR12	9/25/2019 3:11	29.63	77.7	5.31	5.9	SR12	9/25/2019 9:11	29.81	79.6	5.40	4.8	SR12	9/25/2019 15:11	29.26	81.2	5.66	4.3	SR12	9/25/2019 21:11	29.11	81.0	5.40	3.2
SR12	9/25/2019 3:16	29.69	77.3	5.27	**11.3**	SR12	9/25/2019 9:16	29.78	78.0	5.30	4.2	SR12	9/25/2019 15:16	29.21	80.4	5.64	4.3	SR12	9/25/2019 21:16	29.11	81.5	5.44	3.1
SR12	9/25/2019 3:21	29.72	80.2	5.46	5.1	SR12	9/25/2019 9:21	29.81	81.7	5.59	6.2	SR12	9/25/2019 15:21	29.23	80.3	5.64	5.4	SR12	9/25/2019 21:21	29.10	81.5	5.48	3.7
SR12	9/25/2019 3:26	29.71	79.8	5.44	5.7	SR12	9/25/2019 9:26	29.80	79.2	5.37	5.5	SR12	9/25/2019 15:26	29.13	80.9	5.64	3.8	SR12	9/25/2019 21:26	29.10	80.8	5.43	4.3
SR12	9/25/2019 3:31	29.71	78.8	5.34	5.8	SR12	9/25/2019 9:31	29.78	81.5	5.56	5.1	SR12	9/25/2019 15:31	29.12	80.9	5.63	3.4	SR12	9/25/2019 21:31	29.09	81.7	5.49	3.4
SR12	9/25/2019 3:36	29.72	79.5	5.42	5.1	SR12	9/25/2019 9:36	29.80	82.0	5.60	5.5	SR12	9/25/2019 15:36	29.22	81.3	5.66	4.6	SR12	9/25/2019 21:36	29.08	83.4	5.57	3.2
SR12	9/25/2019 3:41	29.80	79.4	5.38	6.0	SR12	9/25/2019 9:41	29.77	82.0	5.57	5.4	SR12	9/25/2019 15:41	29.29	80.5	5.64	4.3	SR12	9/25/2019 21:41	29.09	83.5	5.59	3.4
SR12	9/25/2019 3:46	29.79	79.4	5.36	6.4	SR12	9/25/2019 9:46	29.76	79.3	5.45	4.1	SR12	9/25/2019 15:46	29.34	80.8	5.69	5.8	SR12	9/25/2019 21:46	29.09	83.6	5.57	3.5
SR12	9/25/2019 3:51	29.79	79.6	5.36	7.1	SR12	9/25/2019 9:51	29.79	80.5	5.49	5.8	SR12	9/25/2019 15:51	29.32	81.4	5.71	4.7	SR12	9/25/2019 21:51	29.09	82.6	5.53	3.6
SR12	9/25/2019 3:56	29.87	79.1	5.39	5.0	SR12	9/25/2019 9:56	29.78	80.0	5.45	6.0	SR12	9/25/2019 15:56	29.31	81.1	5.72	4.4	SR12	9/25/2019 21:56	29.09	82.4	5.49	3.5
SR12	9/25/2019 4:01	29.90	78.1	5.35	5.3	SR12	9/25/2019 10:01	29.82	82.2	5.58	4.7	SR12	9/25/2019 16:01	29.27	80.6	5.67	3.4	SR12	9/25/2019 22:01	29.03	83.6	5.61	3.4
SR12	9/25/2019 4:06	29.89	78.8	5.34	5.2	SR12	9/25/2019 10:06	29.83	81.0	5.52	5.0	SR12	9/25/2019 16:06	29.15	81.7	5.71	4.6	SR12	9/25/2019 22:06	29.06	82.9	5.56	3.4
SR12	9/25/2019 4:11	29.88	80.5	5.49	4.5	SR12	9/25/2019 10:11	29.82	81.7	5.54	6.3	SR12	9/25/2019 16:11	29.19	82.1	5.71	5.2	SR12	9/25/2019 22:11	29.07	82.2	5.53	3.8
SR12	9/25/2019 4:16	29.89	79.7	5.45	4.5	SR12	9/25/2019 10:16	29.82	81.7	5.51	4.8	SR12	9/25/2019 16:16	29.19	80.2	5.65	5.0	SR12	9/25/2019 22:16	29.08	83.9	5.61	4.5
SR12	9/25/2019 4:21	29.89	78.9	5.36	5.5	SR12	9/25/2019 10:21	29.82	80.7	5.47	6.0	SR12	9/25/2019 16:21	29.22	82.3	5.77	4.7	SR12	9/25/2019 22:21	29.06	83.1	5.55	3.6
SR12	9/25/2019 4:26	29.77	76.9	5.22	4.4	SR12	9/25/2019 10:26	29.82	80.8	5.50	4.8	SR12	9/25/2019 16:26	29.17	81.6	5.69	5.1	SR12	9/25/2019 22:26	29.06	81.5	5.47	3.6
SR12	9/25/2019 4:31	29.84	80.7	5.50	5.2	SR12	9/25/2019 10:31	29.81	81.0	5.51	4.5	SR12	9/25/2019 16:31	29.28	81.7	5.75	4.8	SR12	9/25/2019 22:31	29.08	80.6	5.41	3.8
SR12	9/25/2019 4:36	29.85	83.7	5.68	4.4	SR12	9/25/2019 10:36	29.76	80.8	5.49	4.6	SR12	9/25/2019 16:36	29.29	82.2	5.75	4.7	SR12	9/25/2019 22:36	29.09	80.3	5.36	3.8
SR12	9/25/2019 4:41	29.88	82.4	5.63	4.5	SR12	9/25/2019 10:41	29.76	82.1	5.56	5.5	SR12	9/25/2019 16:41	29.36	82.1	5.77	4.9	SR12	9/25/2019 22:41	29.10	79.6	5.35	3.5
SR12	9/25/2019 4:46	29.91	84.8	5.74	5.9	SR12	9/25/2019 10:46	29.77	81.6	5.48	5.1	SR12	9/25/2019 16:46	29.27	82.6	5.78	4.9	SR12	9/25/2019 22:46	29.09	80.2	5.37	3.4
SR12	9/25/2019 4:51	29.93	79.7	5.42	5.8	SR12	9/25/2019 10:51	29.75	81.5	5.51	5.0	SR12	9/25/2019 16:51	29.16	82.4	5.79	4.1	SR12	9/25/2019 22:51	29.08	84.7	5.67	3.5
SR12	9/25/2019 4:56	29.93	82.3	5.59	6.3	SR12	9/25/2019 10:56	29.77	79.5	5.43	4.6	SR12	9/25/2019 16:56	29.26	82.4	5.80	4.0	SR12	9/25/2019 22:56	29.09	86.0	5.75	3.9
SR12	9/25/2019 5:01	29.96	82.6	5.63	4.5	SR12	9/25/2019 11:01	29.76	79.6	5.45	4.2	SR12	9/25/2019 17:01	29.33	83.0	5.77	4.8	SR12	9/25/2019 23:01	29.07	83.6	5.60	3.8
SR12	9/25/2019 5:06	29.93	82.8	5.65	4.9	SR12	9/25/2019 11:06	29.80	80.0	5.40	7.3	SR12	9/25/2019 17:06	29.36	82.1	5.79	4.4	SR12	9/25/2019 23:06	29.07	87.1	5.81	3.6
SR12	9/25/2019 5:11	29.91	81.3	5.56	4.7	SR12	9/25/2019 11:11	29.80	80.5	5.50	4.4	SR12	9/25/2019 17:11	29.11	84.6	5.63	5.0	SR12	9/25/2019 23:11	29.08	86.9	5.81	3.7
SR12	9/25/2019 5:16	29.85	81.6	5.52	4.3	SR12	9/25/2019 11:16	29.79	83.1	5.66	4.8	SR12	9/25/2019 17:16	29.11	83.0	5.56	4.6	SR12	9/25/2019 23:16	29.08	87.1	5.80	3.9
SR12	9/25/2019 5:21	29.86	80.9	5.52	4.5	SR12	9/25/2019 11:21	29.80	81.7	5.59	4.3	SR12	9/25/2019 17:21	29.11	82.4	5.52	4.2	SR12	9/25/2019 23:21	29.07	87.0	5.84	3.6
SR12	9/25/2019 5:26	29.86	83.1	5.60	4.1	SR12	9/25/2019 11:26	29.80	82.1	5.59	5.2	SR12	9/25/2019 17:26	29.11	82.3	5.48	4.5	SR12	9/25/2019 23:26	29.07	86.2	5.79	3.7
SR12	9/25/2019 5:31	29.83	82.0	5.58	5.6	SR12	9/25/2019 11:31	29.81	79.5	5.36	4.1	SR12	9/25/2019 17:31	29.11	82.8	5.53	4.5	SR12	9/25/2019 23:31	29.07	87.2	5.81	3.5
SR12	9/25/2019 5:36	29.83	81.9	5.56	5.4	SR12	9/25/2019 11:36	29.80	77.0	5.28	4.5	SR12	9/25/2019 17:36	29.11	82.8	5.53	5.0	SR12	9/25/2019 23:36	29.07	85.3	5.73	3.5
SR12	9/25/2019 5:41	29.84	80.9	5.51	5.5	SR12	9/25/2019 11:41	29.79	79.2	5.36	4.9	SR12	9/25/2019 17:41	29.10	83.7	5.57	4.3	SR12	9/25/2019 23:41	29.06	86.0	5.73	3.5
SR12	9/25/2019 5:46	29.81	80.0	5.47	5.8	SR12	9/25/2019 11:46	29.77	78.4	5.40	4.4	SR12	9/25/2019 17:46	29.10	82.8	5.53	4.1	SR12	9/25/2019 23:46	29.07	85.1	5.73	3.5
SR12	9/25/2019 5:51	29.81	78.9	5.36	5.3	SR12	9/25/2019 11:51	29.76	80.1	5.44	4.8	SR12	9/25/2019 17:51	29.09	84.4	5.63	4.7	SR12	9/25/2019 23:51	29.05	85.9	5.72	3.5
SR12	9/25/2019 5:56	29.81	79.6	5.38	4.9	SR12	9/25/2019 11:56	29.76	77.5	5.27	4.3	SR12	9/25/2019 17:56	29.10	83.1	5.59	4.4	SR12	9/25/2019 23:56	29.05	84.4	5.65	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)
SR13	9/25/2019 0:00	29.53	79.8	5.47	5.2	SR13	9/25/2019 6:00	29.66	79.1	5.41	4.8	SR13	9/25/2019 12:00	29.70	78.3	5.38	6.8	SR13	9/25/2019 18:00	29.58	80.0	5.46	5.8
SR13	9/25/2019 0:05	29.49	81.7	5.61	4.4	SR13	9/25/2019 6:05	29.65	77.8	5.35	4.9	SR13	9/25/2019 12:05	29.70	78.3	5.36	5.8	SR13	9/25/2019 18:05	29.58	79.1	5.42	5.9
SR13	9/25/2019 0:10	29.53	83.4	5.71	5.0	SR13	9/25/2019 6:10	29.65	79.1	5.45	4.3	SR13	9/25/2019 12:10	29.72	79.6	5.46	7.0	SR13	9/25/2019 18:10	29.58	80.3	5.49	5.8
SR13	9/25/2019 0:15	29.56	83.7	5.76	5.0	SR13	9/25/2019 6:15	29.67	79.2	5.44	4.6	SR13	9/25/2019 12:15	29.73	80.7	5.56	5.9	SR13	9/25/2019 18:15	29.58	79.1	5.43	5.3
SR13	9/25/2019 0:20	29.56	82.8	5.66	5.9	SR13	9/25/2019 6:20	29.66	78.5	5.39	4.6	SR13	9/25/2019 12:20	29.76	79.5	5.42	5.7	SR13	9/25/2019 18:20	29.58	78.7	5.37	6.6
SR13	9/25/2019 0:25	29.61	81.2	5.62	4.7	SR13	9/25/2019 6:25	29.70	77.7	5.33	5.8	SR13	9/25/2019 12:25	29.71	80.0	5.48	5.6	SR13	9/25/2019 18:25	29.59	79.3	5.43	5.5
SR13	9/25/2019 0:30	29.60	81.2	5.59	4.8	SR13	9/25/2019 6:30	29.71	76.5	5.29	4.8	SR13	9/25/2019 12:30	29.72	81.1	5.55	6.0	SR13	9/25/2019 18:30	29.59	80.9	5.53	5.6
SR13	9/25/2019 0:35	29.58	82.1	5.60	4.5	SR13	9/25/2019 6:35	29.72	79.3	5.44	4.7	SR13	9/25/2019 12:35	29.73	79.0	5.45	6.3	SR13	9/25/2019 18:35	29.57	79.0	5.39	5.5
SR13	9/25/2019 0:40	29.58	83.0	5.75	5.4	SR13	9/25/2019 6:40	29.69	76.1	5.23	4.3	SR13	9/25/2019 12:40	29.74	78.1	5.39	4.8	SR13	9/25/2019 18:40	29.57	80.0	5.48	10.8
SR13	9/25/2019 0:45	29.60	83.4	5.70	5.0	SR13	9/25/2019 6:45	29.65	74.4	5.16	3.6	SR13	9/25/2019 12:45	29.72	78.4	5.39	6.5	SR13	9/25/2019 18:45	29.56	80.1	5.46	5.7
SR13	9/25/2019 0:50	29.59	81.6	5.56	4.7	SR13	9/25/2019 6:50	29.67	74.2	5.11	4.3	SR13	9/25/2019 12:50	29.71	80.3	5.53	5.4	SR13	9/25/2019 18:50	29.55	76.7	5.23	5.1
SR13	9/25/2019 0:55	29.59	81.0	5.60	4.8	SR13	9/25/2019 6:55	29.68	78.5	5.40	5.0	SR13	9/25/2019 12:55	29.73	79.0	5.40	6.2	SR13	9/25/2019 18:55	29.56	79.2	5.38	5.2
SR13	9/25/2019 1:00	29.59	83.8	5.75	5.3	SR13	9/25/2019 7:00	29.70	79.0	5.44	4.6	SR13	9/25/2019 13:00	29.73	80.2	5.53	6.0	SR13	9/25/2019 19:00	29.58	79.7	5.46	7.0
SR13	9/25/2019 1:05	29.58	80.0	5.49	5.6	SR13	9/25/2019 7:05	29.69	78.7	5.40	4.1	SR13	9/25/2019 13:05	29.72	78.9	5.41	5.1	SR13	9/25/2019 19:05	29.57	79.7	5.46	6.2
SR13	9/25/2019 1:10	29.57	80.0	5.53	4.6	SR13	9/25/2019 7:10	29.69	78.9	5.40	5.0	SR13	9/25/2019 13:10	29.72	79.4	5.45	5.4	SR13	9/25/2019 19:10	29.58	79.5	5.44	5.5
SR13	9/25/2019 1:15	29.56	80.4	5.54	5.2	SR13	9/25/2019 7:15	29.67	78.7	5.43	4.5	SR13	9/25/2019 13:15	29.57	79.5	5.51	4.9	SR13	9/25/2019 19:15	29.57	77.1	5.27	5.3
SR13	9/25/2019 1:20	29.60	82.8	5.71	6.1	SR13	9/25/2019 7:20	29.68	78.8	5.44	4.7	SR13	9/25/2019 13:20	29.58	78.6	5.45	4.8	SR13	9/25/2019 19:20	29.55	76.6	5.24	5.8
SR13	9/25/2019 1:25	29.60	79.5	5.46	5.0	SR13	9/25/2019 7:25	29.67	78.5	5.36	4.6	SR13	9/25/2019 13:25	29.62	81.9	5.72	4.7	SR13	9/25/2019 19:25	29.55	77.4	5.29	5.7
SR13	9/25/2019 1:30	29.60	80.9	5.56	5.4	SR13	9/25/2019 7:30	29.67	79.5	5.46	4.2	SR13	9/25/2019 13:30	29.64	82.5	5.70	4.5	SR13	9/25/2019 19:30	29.55	79.1	5.43	5.6
SR13	9/25/2019 1:35	29.62	81.2	5.60	5.3	SR13	9/25/2019 7:35	29.66	78.6	5.38	5.0	SR13	9/25/2019 13:35	29.60	81.1	5.62	4.8	SR13	9/25/2019 19:35	29.57	77.6	5.30	5.0
SR13	9/25/2019 1:40	29.58	82.8	5.67	6.0	SR13	9/25/2019 7:40	29.66	78.3	5.39	4.9	SR13	9/25/2019 13:40	29.59	82.2	5.68	4.9	SR13	9/25/2019 19:40	29.56	78.1	5.34	5.3
SR13	9/25/2019 1:45	29.59	80.2	5.54	5.2	SR13	9/25/2019 7:45	29.63	78.8	5.45	5.9	SR13	9/25/2019 13:45	29.68	81.4	5.63	5.5	SR13	9/25/2019 19:45	29.57	77.2	5.27	5.5
SR13	9/25/2019 1:50	29.60	82.6	5.70	5.2	SR13	9/25/2019 7:50	29.64	79.0	5.43	4.7	SR13	9/25/2019 13:50	29.62	83.6	5.82	4.7	SR13	9/25/2019 19:50	29.57	77.6	5.28	5.7
SR13	9/25/2019 1:55	29.57	79.6	5.46	4.9	SR13	9/25/2019 7:55	29.66	79.8	5.50	5.1	SR13	9/25/2019 13:55	29.58	82.9	5.72	6.8	SR13	9/25/2019 19:55	29.57	79.3	5.43	5.7
SR13	9/25/2019 2:00	29.61	81.9	5.63	5.1	SR13	9/25/2019 8:00	29.65	78.8	5.40	4.7	SR13	9/25/2019 14:00	29.64	80.9	5.62	5.5	SR13	9/25/2019 20:00	29.56	77.3	5.26	4.9
SR13	9/25/2019 2:05	29.62	82.1	5.65	5.5	SR13	9/25/2019 8:05	29.65	79.9	5.50	4.6	SR13	9/25/2019 14:05	29.66	78.9	5.48	6.6	SR13	9/25/2019 20:05	29.56	77.3	5.29	7.0
SR13	9/25/2019 2:10	29.63	81.4	5.58	5.0	SR13	9/25/2019 8:10	29.65	79.9	5.48	4.8	SR13	9/25/2019 14:10	29.68	80.7	5.64	5.2	SR13	9/25/2019 20:10	29.53	77.7	5.32	5.5
SR13	9/25/2019 2:15	29.62	81.9	5.59	5.5	SR13	9/25/2019 8:15	29.65	78.9	5.43	4.5	SR13	9/25/2019 14:15	29.64	79.0	5.47	5.7	SR13	9/25/2019 20:15	29.53	77.5	5.32	5.4
SR13	9/25/2019 2:20	29.61	78.8	5.43	5.4	SR13	9/25/2019 8:20	29.62	81.2	5.60	4.8	SR13	9/25/2019 14:20	29.67	79.9	5.56	5.5	SR13	9/25/2019 20:20	29.53	76.0	5.23	5.4
SR13	9/25/2019 2:25	29.61	79.5	5.49	5.6	SR13	9/25/2019 8:25	29.62	81.0	5.55	5.1	SR13	9/25/2019 14:25	29.70	78.8	5.46	5.2	SR13	9/25/2019 20:25	29.52	78.0	5.36	5.3
SR13	9/25/2019 2:30	29.61	78.4	5.39	5.0	SR13	9/25/2019 8:30	29.62	79.9	5.49	4.9	SR13	9/25/2019 14:30	29.64	77.1	5.34	5.9	SR13	9/25/2019 20:30	29.53	76.3	5.21	4.6
SR13	9/25/2019 2:35	29.57	79.0	5.46	4.7	SR13	9/25/2019 8:35	29.63	80.7	5.56	5.3	SR13	9/25/2019 14:35	29.61	78.5	5.41	6.2	SR13	9/25/2019 20:35	29.53	79.2	5.42	4.7
SR13	9/25/2019 2:40	29.58	79.8	5.50	5.2	SR13	9/25/2019 8:40	29.64	80.2	5.51	5.3	SR13	9/25/2019 14:40	29.65	78.6	5.42	5.8	SR13	9/25/2019 20:40	29.52	77.3	5.27	4.5
SR13	9/25/2019 2:45	29.59	78.6	5.38	5.4	SR13	9/25/2019 8:45	29.64	79.7	5.47	4.6	SR13	9/25/2019 14:45	29.67	77.2	5.33	5.1	SR13	9/25/2019 20:45	29.51	79.2	5.43	5.1
SR13	9/25/2019 2:50	29.58	78.4	5.38	5.6	SR13	9/25/2019 8:50	29.65	81.0	5.58	5.3	SR13	9/25/2019 14:50	29.70	77.5	5.35	5.3	SR13	9/25/2019 20:50	29.50	78.5	5.39	5.1
SR13	9/25/2019 2:55	29.62	77.6	5.34	7.0	SR13	9/25/2019 8:55	29.65	80.2	5.53	4.2	SR13	9/25/2019 14:55	29.68	77.9	5.38	5.2	SR13	9/25/2019 20:55	29.50	77.8	5.33	5.3
SR13	9/25/2019 3:00	29.65	79.6	5.49	5.2	SR13	9/25/2019 9:00	29.68	82.5	5.67	5.6	SR13	9/25/2019 15:00	29.73	80.3	5.55	5.4	SR13	9/25/2019 21:00	29.49	77.3	5.32	6.0
SR13	9/25/2019 3:05	29.67	78.8	5.41	7.1	SR13	9/25/2019 9:05	29.69	78.2	5.39	5.1	SR13	9/25/2019 15:05	29.69	78.3	5.40	4.8	SR13	9/25/2019 21:05	29.49	78.7	5.40	5.8
SR13	9/25/2019 3:10	29.68	77.8	5.35	5.7	SR13	9/25/2019 9:10	29.67	81.4	5.58	5.0	SR13	9/25/2019 15:10	29.69	76.9	5.31	4.8	SR13	9/25/2019 21:10	29.49	78.2	5.36	4.3
SR13	9/25/2019 3:15	29.68	80.3	5.54	4.7	SR13	9/25/2019 9:15	29.67	80.0	5.52	5.0	SR13	9/25/2019 15:15	29.73	79.3	5.47	5.1	SR13	9/25/2019 21:15	29.47	77.0	5.27	4.7
SR13	9/25/2019 3:20	29.72	80.0	5.50	5.5	SR13	9/25/2019 9:20	29.66	79.1	5.42	5.4	SR13	9/25/2019 15:20	29.76	79.7	5.51	5.0	SR13	9/25/2019 21:20	29.46	78.7	5.39	4.6
SR13	9/25/2019 3:25	29.71	79.5	5.43	5.3	SR13	9/25/2019 9:25	29.66	80.2	5.53	4.6	SR13	9/25/2019 15:25	29.78	78.3	5.42	6.0	SR13	9/25/2019 21:25	29.46	80.9	5.53	4.1
SR13	9/25/2019 3:30	29.72	77.6	5.29	5.6	SR13	9/25/2019 9:30	29.70	78.6	5.42	5.1	SR13	9/25/2019 15:30	29.75	82.2	5.66	5.8	SR13	9/25/2019 21:30	29.46	79.6	5.43	4.8
SR13	9/25/2019 3:35	29.75	77.1	5.33	4.6	SR13	9/25/2019 9:35	29.69	78.7	5.40	5.7	SR13	9/25/2019 15:35	29.79	79.6	5.52	5.1	SR13	9/25/2019 21:35	29.44	78.5	5.37	4.7
SR13	9/25/2019 3:40	29.76	76.5	5.25	5.0	SR13	9/25/2019 9:40	29.70	79.6	5.44	5.3	SR13	9/25/2019 15:40	29.77	80.1	5.54	4.7	SR13	9/25/2019 21:40	29.41	78.3	5.38	8.9
SR13	9/25/2019 3:45	29.76	77.8	5.37	4.7	SR13	9/25/2019 9:45	29.72	79.3	5.43	5.5	SR13	9/25/2019 15:45	29.72	79.7	5.50	5.4	SR13	9/25/2019 21:45	29.42	76.5	5.25	11.1
SR13	9/25/2019 3:50	29.75	78.1	5.38	4.7	SR13	9/25/2019 9:50	29.73	79.8	5.50	5.3	SR13	9/25/2019 15:50	29.74	80.6	5.55	5.1	SR13	9/25/2019 21:50	29.43	79.6	5.46	8.0
SR13	9/25/2019 3:55	29.75	75.3	5.17	4.0	SR13	9/25/2019 9:55	29.74	78.2	5.34	5.0	SR13	9/25/2019 15:55	29.74	78.4	5.43	5.1	SR13	9/25/2019 21:55	29.43	78.2	5.36	4.8
SR13	9/25/2019 4:00	29.75	75.8	5.20	5.1	SR13	9/25/2019 10:00	29.76	79.1	5.45	5.2	SR13	9/25/2019 16:00	29.74	79.0	5.46	5.2	SR13	9/25/2019 22:00	29.43	80.5	5.53	4.5
SR13	9/25/2019 4:05	29.70	76.2	5.22	4.4	SR13	9/25/2019 10:05	29.78	78.8	5.43	4.4	SR13	9/25/2019 16:05	29.70	79.5	5.48	6.2	SR13	9/25/2019 22:05	29.43	77.0	5.27	7.4
SR13	9/25/2019 4:10	29.72	76.5	5.28	4.5	SR13	9/25/2019 10:10	29.77	79.7	5.51	5.5	SR13	9/25/2019 16:10	29.74	78.6	5.43	6.7	SR13	9/25/2019 22:10	29.43	78.9	5.39	7.6
SR13	9/25/2019 4:15	29.72	77.9	5.34	4.6	SR13	9/25/2019 10:15	29.79	78.5	5.40	4.6	SR13	9/25/2019 16:15	29.73	79.0	5.46	5.8	SR13	9/25/2019 22:15	29.43	79.4	5.42	5.6
SR13	9/25/2019 4:20	29.73	76.7	5.29	4.1	SR13	9/25/2019 10:20	29.78	80.7	5.53	5.7	SR13	9/25/2019 16:20	29.75	79.2	5.48	6.1	SR13	9/25/2019 22:20	29.43	78.5	5.39	9.4
SR13	9/25/2019 4:25	29.74	80.1	5.48	4.9	SR13	9/25/2019 10:25	29.79	77.7	5.34	5.7	SR13	9/25/2019 16:25	29.70	78.5	5.42	6.6	SR13	9/25/2019 22:25	29.44	78.3	5.37	4.8
SR13	9/25/2019 4:30	29.74	77.3	5.33	4.6	SR13	9/25/2019 10:30	29.76	80.4	5.54	6.2	SR13	9/25/2019 16:30	29.65	78.5	5.44	5.8	SR13	9/25/2019 22:30	29.43	79.1	5.41	4.2
SR13	9/25/2019 4:35	29.74	78.6	5.42	5.1	SR13	9/25/2019 10:35	29.80	78.2	5.39	5.2	SR13	9/25/2019 16:35	29.69	79.6	5.52	6.2	SR13	9/25/2019 22:35	29.44	79.8	5.42	5.1
SR13	9/25/2019 4:40	29.76	80.4	5.51	4.3	SR13	9/25/2019 10:40	29.82	79.0	5.45	5.9	SR13	9/25/2019 16:40	29.73	78.7	5.42	5.6	SR13	9/25/2019 22:40	29.43	79.5	5.42	4.5
SR13	9/25/2019 4:45	29.75	80.4	5.52	4.6	SR13	9/25/2019 10:45	29.81	78.9	5.40	7.1	SR13	9/25/2019 16:45	29.74	80.5	5.59	5.7	SR13	9/25/2019 22:45	29.43	81.2	5.53	4.3
SR13	9/25/2019 4:50	29.74	77.6	5.32	4.5	SR13	9/25/2019 10:50	29.82	78.3	5.37	5.5	SR13	9/25/2019 16:50	29.64	78.6	5.32	5.8	SR13	9/25/2019 22:50	29.43	80.7	5.50	4.6
SR13	9/25/2019 4:55	29.72	78.7	5.39	4.9	SR13	9/25/2019 10:55	29.81	77.9	5.36	5.0	SR13	9/25/2019 16:55	29.64	79.2	5.38	5.2	SR13	9/25/2019 22:55	29.43	79.7	5.44	4.9
SR13	9/25/2019 5:00	29.71	76.6	5.28	4.8	SR13	9/25/2019 11:00	29.84	77.9	5.36	5.1	SR13	9/25/2019 17:00	29.64	77.1	5.23	5.9	SR13	9/25/2019 23:00	29.43	79.3	5.41	5.1
SR13	9/25/2019 5:05	29.70	79.7	5.47	5.2	SR13	9/25/2019 11:05	29.81	76.5	5.26	6.0	SR13	9/25/2019 17:05	29.64	79.8	5.41	5.9	SR13	9/25/2019 23:05	29.43	79.0	5.40	4.8
SR13	9/25/2019 5:10	29.68	78.1	5.38	5.2	SR13	9/25/2019 11:10	29.85	76.7	5.28	5.0	SR13	9/25/2019 17:10	29.64	78.4	5.32	5.4	SR13	9/25/2019 23:10	29.43	79.9	5.45	4.3
SR13	9/25/2019 5:15	29.70	79.2	5.43	5.1	SR13	9/25/2019 11:15	29.85	78.4	5.43	5.5	SR13	9/25/2019 17:15	29.63	80.5	5.47	5.7	SR13	9/25/2019 23:15	29.44	78.8	5.39	4.6
SR13	9/25/2019 5:20	29.70	79.7	5.47	5.0	SR13	9/25/2019 11:20	29.81	78.9	5.42	6.4	SR13	9/25/2019 17:20	29.61	79.9	5.46	5.8	SR13	9/25/2019 23:20	29.44	80.3	5.50	4.6
SR13	9/25/2019 5:25	29.69	79.3	5.47	5.3	SR13	9/25/2019 11:25	29.80	77.7	5.38	6.4	SR13	9/25/2019 17:25	29.60	78.8	5.37	5.4	SR13	9/25/2019 23:25	29.44	80.2	5.50	4.5
SR13	9/25/2019 5:30	29.69	79.5	5.48	4.8	SR13	9/25/2019 11:30	29.77	77.7	5.33	6.5	SR13	9/25/2019 17:30	29.60	81.7	5.59	5.9	SR13	9/25/2019 23:30	29.43	78.8	5.35	4.3
SR13	9/25/2019 5:35	29.68	78.0	5.33	4.9	SR13	9/25/2019 11:35	29.78	78.0	5.35	6.5	SR13	9/25/2019 17:35	29.60	80.6	5.53	5.9	SR13	9/25/2019 23:35	29.40	77.6	5.31	4.1
SR13	9/25/2019 5:40	29.68	79.3	5.46	4.1	SR13	9/25/2019 11:40	29.75	76.2	5.23	7.1	SR13	9/25/2019 17:40	29.60	80.8	5.50	5.5	SR13	9/25/2019 23:40	29.40	79.4	5.44	4.2
SR13	9/25/2019 5:45	29.67	78.8	5.46	4.3	SR13	9/25/2019 11:45	29.73	79.2	5.43	7.1	SR13	9/25/2019 17:45	29.61	79.6	5.44	5.8	SR13	9/25/2019 23:45	29.37	77.4	5.32	4.4
SR13	9/25/2019 5:50	29.68	79.0	5.41	5.0	SR13	9/25/2019 11:50	29.70	79.3	5.49	7.5	SR13	9/25/2019 17:50	29.58	80.1	5.51	5.3	SR13	9/25/2019 23:50	29.37	78.5	5.39	4.3
SR13	9/25/2019 5:55	29.67	77.0	5.30	4.1	SR13	9/25/2019 11:55	29.70	78.8	5.40	6.6	SR13	9/25/2019 17:55	29.56	78.6	5.38	5.9	SR13	9/25/2019 23:55	29.40	82.0	5.63	9.3

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	9/25/2019 0:17	0.23				SR12	9/25/2019 0:17	0.27			
SR4	9/25/2019 0:37	0.24				SR12	9/25/2019 0:37	0.26			
SR4	9/25/2019 0:57	0.23				SR12	9/25/2019 0:57	0.27			
SR4	9/25/2019 1:17	0.24				SR12	9/25/2019 1:17	0.28			
SR4	9/25/2019 1:37	0.24				SR12	9/25/2019 1:37	0.27			
SR4	9/25/2019 1:57	0.23				SR12	9/25/2019 1:57	0.26			
SR4	9/25/2019 2:17	0.23				SR12	9/25/2019 2:17	0.26			
SR4	9/25/2019 2:37	0.25				SR12	9/25/2019 2:37	0.28			
SR4	9/25/2019 2:57	0.23				SR12	9/25/2019 2:57	0.26			
SR4	9/25/2019 3:17	0.25				SR12	9/25/2019 3:17	0.28			
SR4	9/25/2019 3:37	0.24				SR12	9/25/2019 3:37	0.28			
SR4	9/25/2019 3:57	0.25				SR12	9/25/2019 3:57	0.28			
SR4	9/25/2019 4:17	0.24				SR12	9/25/2019 4:17	0.28			
SR4	9/25/2019 4:37	0.24				SR12	9/25/2019 4:37	0.27			
SR4	9/25/2019 4:57	0.24				SR12	9/25/2019 4:57	0.28			
SR4	9/25/2019 5:17	0.23				SR12	9/25/2019 5:17	0.28			
SR4	9/25/2019 5:37	0.25				SR12	9/25/2019 5:37	0.27			
SR4	9/25/2019 5:57	0.24				SR12	9/25/2019 5:57	0.26			
SR4						SR12					
SR4	9/25/2019 6:37	0.25				SR12	9/25/2019 6:37	0.28			
SR4	9/25/2019 6:57	0.27				SR12	9/25/2019 6:57	0.28			
SR4	9/25/2019 7:17	0.25				SR12	9/25/2019 7:17	0.27			
SR4	9/25/2019 7:37	0.27				SR12	9/25/2019 7:37	0.25			
SR4	9/25/2019 7:57	0.27				SR12	9/25/2019 7:57	0.24			
SR4	9/25/2019 8:17	0.26				SR12	9/25/2019 8:17	0.25			
SR4	9/25/2019 8:37	0.27				SR12	9/25/2019 8:37	0.24			
SR4	9/25/2019 8:57	0.27				SR12	9/25/2019 8:57	0.23			
SR4	9/25/2019 9:17	0.27				SR12	9/25/2019 9:17	0.23			
SR4	9/25/2019 9:37	0.27				SR12	9/25/2019 9:37	0.23			
SR4	9/25/2019 9:57	0.25				SR12	9/25/2019 9:57	0.24			
SR4	9/25/2019 10:17	0.26				SR12	9/25/2019 10:17	0.24			
SR4	9/25/2019 10:37	0.26				SR12	9/25/2019 10:37	0.23			
SR4	9/25/2019 10:57	0.27				SR12	9/25/2019 10:57	0.24			
SR4	9/25/2019 11:17	0.27				SR12	9/25/2019 11:17	0.23			
SR4	9/25/2019 11:37	0.27				SR12	9/25/2019 11:37	0.24			
SR4	9/25/2019 11:57	0.27				SR12	9/25/2019 11:57	0.24			
SR4	9/25/2019 12:17	0.26				SR12	9/25/2019 12:17	0.23			
SR4	9/25/2019 12:37	0.27				SR12	9/25/2019 12:37	0.25			
SR4	9/25/2019 12:57	0.27				SR12	9/25/2019 12:57	0.23			
SR4	9/25/2019 13:17	0.26				SR12	9/25/2019 13:17	0.23			
SR4	9/25/2019 13:37	0.26				SR12	9/25/2019 13:37	0.25			
SR4	9/25/2019 13:57	0.25				SR12	9/25/2019 13:57	0.25			
SR4	9/25/2019 14:17	0.26				SR12	9/25/2019 14:17	0.24			
SR4	9/25/2019 14:37	0.27				SR12	9/25/2019 14:37	0.24			
SR4	9/25/2019 14:57	0.26				SR12	9/25/2019 14:57	0.24			
SR4	9/25/2019 15:17	0.26				SR12	9/25/2019 15:17	0.25			
SR4	9/25/2019 15:37	0.27				SR12	9/25/2019 15:37	0.24			
SR4	9/25/2019 15:57	0.26				SR12	9/25/2019 15:57	0.23			
SR4	9/25/2019 16:17	0.26				SR12	9/25/2019 16:17	0.23			
SR4	9/25/2019 16:37	0.25				SR12	9/25/2019 16:37	0.25			
SR4	9/25/2019 16:57	0.27				SR12	9/25/2019 16:57	0.25			
SR4	9/25/2019 17:17	0.26				SR12	9/25/2019 17:17	0.27			
SR4	9/25/2019 17:37	0.25				SR12	9/25/2019 17:37	0.25			
SR4	9/25/2019 17:57	0.27				SR12	9/25/2019 17:57	0.27			
SR4	9/25/2019 18:17	0.27				SR12	9/25/2019 18:17	0.28			
SR4	9/25/2019 18:37	0.28				SR12	9/25/2019 18:37	0.27			
SR4	9/25/2019 18:57	0.28				SR12	9/25/2019 18:57	0.27			
SR4	9/25/2019 19:17	0.28				SR12	9/25/2019 19:17	0.27			
SR4	9/25/2019 19:37	0.29				SR12	9/25/2019 19:37	0.26			
SR4	9/25/2019 19:57	0.27				SR12	9/25/2019 19:57	0.26			
SR4	9/25/2019 20:17	0.28				SR12	9/25/2019 20:17	0.28			
SR4	9/25/2019 20:37	0.27				SR12	9/25/2019 20:37	0.28			
SR4	9/25/2019 20:57	0.29				SR12	9/25/2019 20:57	0.26			
SR4	9/25/2019 21:17	0.27				SR12	9/25/2019 21:17	0.25			
SR4	9/25/2019 21:37	0.27				SR12	9/25/2019 21:37	0.27			
SR4	9/25/2019 21:57	0.28				SR12	9/25/2019 21:57	0.25			
SR4	9/25/2019 22:17	0.27				SR12	9/25/2019 22:17	0.25			
SR4	9/25/2019 22:37	0.27				SR12	9/25/2019 22:37	0.26			
SR4	9/25/2019 22:57	0.28				SR12	9/25/2019 22:57	0.28			
SR4	9/25/2019 23:17	0.27				SR12	9/25/2019 23:17	0.26			
SR4	9/25/2019 23:37	0.29				SR12	9/25/2019 23:37	0.25			
SR4	9/25/2019 23:57	0.29				SR12	9/25/2019 23:57	0.25			

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	9/26/2019 0:01	29.00	77.3	5.19	**17.2**	SR4	9/26/2019 6:01	28.99	74.6	4.94	3.3	SR4	9/26/2019 12:01	29.26	69.2	4.63	2.8	SR4	9/26/2019 18:01	29.11	81.8	5.39	4.5
SR4	9/26/2019 0:06	28.99	77.8	5.16	3.1	SR4	9/26/2019 6:06	28.98	72.6	4.87	4.2	SR4	9/26/2019 12:06	29.28	69.2	4.62	4.1	SR4	9/26/2019 18:06	29.11	81.6	5.37	5.5
SR4	9/26/2019 0:11	28.96	74.4	4.90	2.6	SR4	9/26/2019 6:11	28.99	72.4	4.74	3.7	SR4	9/26/2019 12:11	29.27	70.6	4.69	4.3	SR4	9/26/2019 18:11	29.11	85.9	5.63	5.5
SR4	9/26/2019 0:16	28.91	72.3	4.81	1.7	SR4	9/26/2019 6:16	28.99	70.6	4.63	3.4	SR4	9/26/2019 12:16	29.18	67.4	4.49	7.1	SR4	9/26/2019 18:16	29.11	82.3	5.47	4.7
SR4	9/26/2019 0:21	28.94	72.3	4.72	1.6	SR4	9/26/2019 6:21	28.99	72.3	4.72	3.6	SR4	9/26/2019 12:21	29.20	70.4	4.61	4.3	SR4	9/26/2019 18:21	29.10	83.0	5.46	4.6
SR4	9/26/2019 0:26	28.97	74.5	4.95	1.6	SR4	9/26/2019 6:26	28.99	70.2	4.69	3.2	SR4	9/26/2019 12:26	29.26	64.3	4.32	3.3	SR4	9/26/2019 18:26	29.10	82.3	5.43	5.3
SR4	9/26/2019 0:31	28.95	71.9	4.83	1.4	SR4	9/26/2019 6:31	28.99	67.3	4.41	3.8	SR4	9/26/2019 12:31	29.12	70.2	4.68	5.5	SR4	9/26/2019 18:31	29.08	80.3	5.39	4.8
SR4	9/26/2019 0:36	28.96	79.8	5.27	2.3	SR4	9/26/2019 6:36	28.99	74.1	4.98	8.1	SR4	9/26/2019 12:36	29.08	73.9	4.93	5.7	SR4	9/26/2019 18:36	29.10	80.8	5.37	5.4
SR4	9/26/2019 0:41	28.93	75.2	5.04	1.8	SR4	9/26/2019 6:41	28.99	74.7	4.97	4.3	SR4	9/26/2019 12:41	29.07	74.3	4.96	6.0	SR4	9/26/2019 18:41	29.10	80.3	5.32	4.8
SR4	9/26/2019 0:46	28.94	79.5	5.19	2.2	SR4	9/26/2019 6:46	28.99	74.9	5.01	5.0	SR4	9/26/2019 12:46	29.09	76.4	5.06	6.0	SR4	9/26/2019 18:46	29.11	79.2	5.27	6.1
SR4	9/26/2019 0:51	28.91	74.8	4.97	1.9	SR4	9/26/2019 6:51	28.99	75.0	5.01	4.3	SR4	9/26/2019 12:51	29.09	76.3	4.98	5.2	SR4	9/26/2019 18:51	29.10	80.6	5.29	6.1
SR4	9/26/2019 0:56	28.93	78.5	5.20	2.3	SR4	9/26/2019 6:56	28.99	75.1	4.90	4.4	SR4	9/26/2019 12:56	29.08	76.3	5.02	6.0	SR4	9/26/2019 18:56	29.09	75.7	5.01	4.3
SR4	9/26/2019 1:01	28.92	77.9	5.15	2.1	SR4	9/26/2019 7:01	29.00	75.3	4.98	6.0	SR4	9/26/2019 13:01	29.08	77.7	5.21	**11.3**	SR4	9/26/2019 19:01	29.10	77.5	5.15	5.8
SR4	9/26/2019 1:06	28.94	78.4	5.16	2.2	SR4	9/26/2019 7:06	29.00	72.3	4.76	3.9	SR4	9/26/2019 13:06	29.08	78.8	5.27	**11.1**	SR4	9/26/2019 19:06	29.10	77.4	5.09	5.4
SR4	9/26/2019 1:11	28.95	78.5	5.15	1.8	SR4	9/26/2019 7:11	28.99	75.0	4.98	3.6	SR4	9/26/2019 13:11	29.08	79.2	5.26	7.7	SR4	9/26/2019 19:11	29.08	75.5	5.03	4.0
SR4	9/26/2019 1:16	28.94	74.4	4.96	1.3	SR4	9/26/2019 7:16	29.00	69.0	4.61	3.3	SR4	9/26/2019 13:16	29.11	79.5	5.23	5.9	SR4	9/26/2019 19:16	29.08	77.6	5.12	8.8
SR4	9/26/2019 1:21	28.93	74.5	4.88	1.3	SR4	9/26/2019 7:21	28.98	72.8	4.77	3.1	SR4	9/26/2019 13:21	29.11	78.1	5.23	6.0	SR4	9/26/2019 19:21	29.08	77.3	5.08	7.0
SR4	9/26/2019 1:26	28.93	72.9	4.83	2.9	SR4	9/26/2019 7:26	28.94	78.5	5.19	3.1	SR4	9/26/2019 13:26	29.09	77.1	5.17	6.2	SR4	9/26/2019 19:26	29.08	75.7	5.04	5.1
SR4	9/26/2019 1:31	28.94	79.0	5.17	2.7	SR4	9/26/2019 7:31	28.95	78.0	5.14	2.6	SR4	9/26/2019 13:31	29.10	79.2	5.28	6.4	SR4	9/26/2019 19:31	29.08	75.3	4.95	4.3
SR4	9/26/2019 1:36	28.89	79.3	5.32	2.2	SR4	9/26/2019 7:36	28.95	77.1	5.16	3.7	SR4	9/26/2019 13:36	29.10	80.1	5.28	6.7	SR4	9/26/2019 19:36	29.09	79.4	5.18	5.1
SR4	9/26/2019 1:41	28.85	75.4	5.04	1.9	SR4	9/26/2019 7:41	28.95	79.3	5.19	2.4	SR4	9/26/2019 13:41	29.11	78.2	5.17	5.4	SR4	9/26/2019 19:41	29.08	78.0	5.12	3.7
SR4	9/26/2019 1:46	28.90	78.6	5.13	3.2	SR4	9/26/2019 7:46	28.95	77.4	5.14	2.1	SR4	9/26/2019 13:46	29.13	78.6	5.25	4.8	SR4	9/26/2019 19:46	29.08	78.4	5.12	6.8
SR4	9/26/2019 1:51	28.93	76.7	5.13	3.7	SR4	9/26/2019 7:51	28.95	80.7	5.29	4.0	SR4	9/26/2019 13:51	29.16	78.8	5.24	4.2	SR4	9/26/2019 19:51	29.08	75.9	5.07	4.7
SR4	9/26/2019 1:56	28.91	79.4	5.20	2.9	SR4	9/26/2019 7:56	28.96	77.6	5.20	2.7	SR4	9/26/2019 13:56	29.13	77.7	5.20	3.6	SR4	9/26/2019 19:56	29.07	76.9	5.09	4.7
SR4	9/26/2019 2:01	28.94	80.0	5.31	4.3	SR4	9/26/2019 8:01	28.96	80.3	5.30	3.0	SR4	9/26/2019 14:01	29.18	80.1	5.27	3.2	SR4	9/26/2019 20:01	29.08	77.0	5.04	5.0
SR4	9/26/2019 2:06	28.95	78.2	5.19	3.3	SR4	9/26/2019 8:06	28.96	80.1	5.23	3.0	SR4	9/26/2019 14:06	29.20	80.1	5.27	2.6	SR4	9/26/2019 20:06	29.08	73.7	4.92	3.5
SR4	9/26/2019 2:11	28.95	78.7	5.20	3.8	SR4	9/26/2019 8:11	28.96	78.8	5.24	3.5	SR4	9/26/2019 14:11	29.25	67.3	4.52	6.6	SR4	9/26/2019 20:11	29.07	73.5	4.87	6.1
SR4	9/26/2019 2:16	28.96	77.9	5.23	3.6	SR4	9/26/2019 8:16	28.97	77.3	5.15	2.4	SR4	9/26/2019 14:16	29.21	70.7	4.70	**15.0**	SR4	9/26/2019 20:16	29.08	72.8	4.82	4.2
SR4	9/26/2019 2:21	28.97	78.3	5.12	3.5	SR4	9/26/2019 8:21	28.96	78.7	5.21	2.9	SR4	9/26/2019 14:21	29.23	76.6	5.06	7.6	SR4	9/26/2019 20:21	29.08	74.1	4.88	4.4
SR4	9/26/2019 2:26	28.93	77.6	5.12	2.6	SR4	9/26/2019 8:26	28.96	81.5	5.34	3.9	SR4	9/26/2019 14:26	29.23	79.9	5.24	4.8	SR4	9/26/2019 20:26	29.08	69.6	4.63	3.7
SR4	9/26/2019 2:31	28.89	74.4	4.94	2.4	SR4	9/26/2019 8:31	28.97	80.1	5.26	4.0	SR4	9/26/2019 14:31	29.25	87.1	5.76	3.4	SR4	9/26/2019 20:31	29.08	70.1	4.59	3.7
SR4	9/26/2019 2:36	28.95	76.7	5.08	3.2	SR4	9/26/2019 8:36	28.95	77.8	5.15	2.2	SR4	9/26/2019 14:36	29.38	78.7	5.17	4.2	SR4	9/26/2019 20:36	29.08	70.1	4.69	**28.1**
SR4	9/26/2019 2:41	28.89	78.7	5.26	2.9	SR4	9/26/2019 8:41	28.96	78.1	5.13	2.1	SR4	9/26/2019 14:41	29.36	83.4	5.57	4.4	SR4	9/26/2019 20:41	29.08	70.9	4.69	4.2
SR4	9/26/2019 2:46	28.94	79.2	5.20	3.2	SR4	9/26/2019 8:46	28.96	80.3	5.25	2.0	SR4	9/26/2019 14:46	29.34	87.0	5.70	4.2	SR4	9/26/2019 20:46	29.08	71.9	4.76	3.8
SR4	9/26/2019 2:51	28.92	80.3	5.38	3.1	SR4	9/26/2019 8:51	28.98	79.7	5.30	2.8	SR4	9/26/2019 14:51	29.30	87.5	5.74	3.4	SR4	9/26/2019 20:51	29.08	72.0	4.77	4.1
SR4	9/26/2019 2:56	28.91	80.1	5.31	3.8	SR4	9/26/2019 8:56	28.98	79.7	5.35	3.7	SR4	9/26/2019 14:56	29.29	85.6	5.64	3.2	SR4	9/26/2019 20:56	29.08	75.3	4.94	5.1
SR4	9/26/2019 3:01	28.92	77.6	5.18	2.9	SR4	9/26/2019 9:01	28.98	80.4	5.27	2.9	SR4	9/26/2019 15:01	29.32	86.3	5.76	4.0	SR4	9/26/2019 21:01	29.08	71.1	4.72	5.8
SR4	9/26/2019 3:06	28.87	78.7	5.27	2.2	SR4	9/26/2019 9:06	29.00	77.6	5.20	2.3	SR4	9/26/2019 15:06	29.27	87.0	5.71	6.4	SR4	9/26/2019 21:06	29.07	73.1	4.82	4.1
SR4	9/26/2019 3:11	28.92	77.6	5.14	2.9	SR4	9/26/2019 9:11	29.00	78.2	5.23	4.1	SR4	9/26/2019 15:11	29.33	90.2	5.94	3.8	SR4	9/26/2019 21:11	29.07	75.6	5.07	4.7
SR4	9/26/2019 3:16	28.93	78.5	5.25	3.1	SR4	9/26/2019 9:16	29.00	78.5	5.26	2.3	SR4	9/26/2019 15:16	29.37	88.2	5.91	4.1	SR4	9/26/2019 21:16	29.08	70.7	4.75	4.6
SR4	9/26/2019 3:21	28.97	82.5	5.47	3.4	SR4	9/26/2019 9:21	29.03	78.4	5.18	2.3	SR4	9/26/2019 15:21	29.35	86.5	5.76	**26.4**	SR4	9/26/2019 21:21	29.08	66.1	4.44	2.7
SR4	9/26/2019 3:26	28.98	81.6	5.48	3.8	SR4	9/26/2019 9:26	29.02	76.2	5.12	2.7	SR4	9/26/2019 15:26	29.33	84.7	5.64	3.4	SR4	9/26/2019 21:26	29.08	67.3	4.49	3.7
SR4	9/26/2019 3:31	28.96	79.7	5.30	4.1	SR4	9/26/2019 9:31	29.00	78.9	5.21	4.0	SR4	9/26/2019 15:31	29.36	85.6	5.64	4.1	SR4	9/26/2019 21:31	29.08	68.0	4.52	3.7
SR4	9/26/2019 3:36	28.93	78.9	5.20	2.9	SR4	9/26/2019 9:36	29.05	79.2	5.32	3.1	SR4	9/26/2019 15:36	29.25	84.6	5.57	6.3	SR4	9/26/2019 21:36	29.07	70.5	4.73	4.8
SR4	9/26/2019 3:41	28.92	76.6	5.15	2.7	SR4	9/26/2019 9:41	29.05	80.4	5.35	3.5	SR4	9/26/2019 15:41	29.24	88.8	5.84	8.1	SR4	9/26/2019 21:41	29.08	71.5	4.77	5.1
SR4	9/26/2019 3:46	28.95	77.4	5.12	4.8	SR4	9/26/2019 9:46	29.05	81.1	5.32	4.0	SR4	9/26/2019 15:46	29.25	88.7	5.90	7.6	SR4	9/26/2019 21:46	29.05	71.6	4.77	3.6
SR4	9/26/2019 3:51	28.98	81.8	5.35	3.4	SR4	9/26/2019 9:51	29.05	80.0	5.37	3.6	SR4	9/26/2019 15:51	29.26	86.9	5.81	5.9	SR4	9/26/2019 21:51	29.04	78.0	5.12	2.7
SR4	9/26/2019 3:56	28.94	82.3	5.40	3.5	SR4	9/26/2019 9:56	29.09	82.5	5.40	2.9	SR4	9/26/2019 15:56	29.42	83.8	5.61	3.4	SR4	9/26/2019 21:56	29.05	79.5	5.34	3.8
SR4	9/26/2019 4:01	28.98	81.3	5.39	3.3	SR4	9/26/2019 10:01	29.15	78.8	5.20	1.9	SR4	9/26/2019 16:01	29.35	86.2	5.64	4.3	SR4	9/26/2019 22:01	29.05	80.8	5.29	3.0
SR4	9/26/2019 4:06	28.98	80.2	5.37	3.7	SR4	9/26/2019 10:06	29.09	75.8	4.96	3.2	SR4	9/26/2019 16:06	29.23	79.0	5.26	3.2	SR4	9/26/2019 22:06	29.05	78.2	5.21	3.9
SR4	9/26/2019 4:11	28.96	80.2	5.24	2.7	SR4	9/26/2019 10:11	29.08	74.8	4.90	4.0	SR4	9/26/2019 16:11	29.34	77.3	5.17	3.4	SR4	9/26/2019 22:11	29.05	78.6	5.15	3.5
SR4	9/26/2019 4:16	28.97	77.0	5.09	3.5	SR4	9/26/2019 10:16	29.04	78.1	5.15	5.5	SR4	9/26/2019 16:16	29.33	81.5	5.34	4.5	SR4	9/26/2019 22:16	29.05	74.6	4.94	2.7
SR4	9/26/2019 4:21	28.97	76.2	5.04	3.1	SR4	9/26/2019 10:21	29.08	75.5	4.98	8.0	SR4	9/26/2019 16:21	29.32	79.7	5.25	3.9	SR4	9/26/2019 22:21	29.05	75.9	5.03	3.1
SR4	9/26/2019 4:26	28.96	77.4	5.14	3.7	SR4	9/26/2019 10:26	29.09	77.5	5.21	5.5	SR4	9/26/2019 16:26	29.25	84.1	5.63	8.1	SR4	9/26/2019 22:26	29.03	74.7	4.90	2.5
SR4	9/26/2019 4:31	28.96	75.9	5.02	3.0	SR4	9/26/2019 10:31	29.12	79.2	5.21	3.7	SR4	9/26/2019 16:31	29.23	91.7	6.05	6.4	SR4	9/26/2019 22:31	29.02	70.5	4.74	2.5
SR4	9/26/2019 4:36	28.93	73.4	4.93	2.4	SR4	9/26/2019 10:36	29.14	80.2	5.27	5.0	SR4	9/26/2019 16:36	29.23	90.5	6.04	6.8	SR4	9/26/2019 22:36	29.03	74.8	5.02	3.7
SR4	9/26/2019 4:41	28.92	75.2	5.03	2.6	SR4	9/26/2019 10:41	29.18	78.5	5.24	3.5	SR4	9/26/2019 16:41	29.24	91.2	6.03	5.1	SR4	9/26/2019 22:41	28.99	74.9	4.95	2.4
SR4	9/26/2019 4:46	28.93	75.4	4.99	3.3	SR4	9/26/2019 10:46	29.24	78.4	5.18	3.5	SR4	9/26/2019 16:46	29.27	88.7	5.80	3.7	SR4	9/26/2019 22:46	29.00	78.4	5.14	3.4
SR4	9/26/2019 4:51	28.92	73.9	4.96	2.4	SR4	9/26/2019 10:51	29.17	71.4	4.68	2.0	SR4	9/26/2019 16:51	29.26	86.6	5.70	4.0	SR4	9/26/2019 22:51	29.03	75.0	4.98	2.6
SR4	9/26/2019 4:56	28.93	73.3	4.91	2.1	SR4	9/26/2019 10:56	29.23	72.1	4.74	2.9	SR4	9/26/2019 16:56	29.24	85.4	5.67	4.8	SR4	9/26/2019 22:56	29.03	75.5	4.99	3.8
SR4	9/26/2019 5:01	28.94	75.3	4.93	3.6	SR4	9/26/2019 11:01	29.19	70.0	4.70	3.3	SR4	9/26/2019 17:01	29.18	85.0	5.65	5.4	SR4	9/26/2019 23:01	29.03	74.4	4.96	3.3
SR4	9/26/2019 5:06	28.95	77.1	5.10	3.0	SR4	9/26/2019 11:06	29.19	69.6	4.65	4.0	SR4	9/26/2019 17:06	29.17	83.6	5.62	5.7	SR4	9/26/2019 23:06	29.03	74.3	4.94	2.6
SR4	9/26/2019 5:11	28.95	76.9	5.03	3.4	SR4	9/26/2019 11:11	29.23	71.5	4.79	4.4	SR4	9/26/2019 17:11	29.17	83.5	5.59	6.2	SR4	9/26/2019 23:11	29.02	78.0	5.15	3.5
SR4	9/26/2019 5:16	28.96	72.8	4.87	**14.7**	SR4	9/26/2019 11:16	29.24	72.3	4.72	3.2	SR4	9/26/2019 17:16	29.15	85.0	5.62	6.2	SR4	9/26/2019 23:16	29.02	76.8	5.05	3.7
SR4	9/26/2019 5:21	28.95	74.1	4.85	2.5	SR4	9/26/2019 11:21	29.22	73.3	4.86	3.5	SR4	9/26/2019 17:21	29.16	84.2	5.60	6.9	SR4	9/26/2019 23:21	29.02	74.9	5.01	3.0
SR4	9/26/2019 5:26	28.95	70.5	4.73	4.4	SR4	9/26/2019 11:26	29.21	75.6	5.08	6.9	SR4	9/26/2019 17:26	29.15	83.4	5.51	6.4	SR4	9/26/2019 23:26	29.02	74.1	4.92	3.9
SR4	9/26/2019 5:31	28.96	74.3	4.88	2.9	SR4	9/26/2019 11:31	29.19	70.5	4.60	3.9	SR4	9/26/2019 17:31	29.13	85.5	5.61	6.9	SR4	9/26/2019 23:31	29.03	76.3	5.01	3.5
SR4	9/26/2019 5:36	28.96	73.1	4.86	3.1	SR4	9/26/2019 11:36	29.23	74.3	4.93	4.0	SR4	9/26/2019 17:36	29.13	84.7	5.57	5.6	SR4	9/26/2019 23:36	29.03	78.0	5.12	3.9
SR4	9/26/2019 5:41	28.96	70.4	4.65	2.3	SR4	9/26/2019 11:41	29.26	74.4	4.94	3.6	SR4	9/26/2019 17:41	29.11	82.9	5.51	4.7	SR4	9/26/2019 23:41	29.02	75.7	5.07	3.5
SR4	9/26/2019 5:46	28.96	69.4	4.64	3.9	SR4	9/26/2019 11:46	29.30	71.1	4.71	2.9	SR4	9/26/2019 17:46	29.12	83.6	5.52	5.4	SR4	9/26/2019 23:46	29.00	76.6	5.03	3.0
SR4	9/26/2019 5:51	28.96	73.9	4.93	3.8	SR4	9/26/2019 11:51	29.23	73.1	4.81	4.1	SR4	9/26/2019 17:51	29.10	80.5	5.32	6.2	SR4	9/26/2019 23:51	29.01	76.9	5.15	4.4
SR4	9/26/2019 5:56	28.98	76.8	5.01	4.9	SR4	9/26/2019 11:56	29.26	70.8	4.73	3.5	SR4	9/26/2019 17:56	29.12	83.6	5.57	6.0	SR4	9/26/2019 23:56	29.01	77.8	5.10	2.7

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	9/26/2019 0:00	29.01	86.2	5.63	5.3	SR5	9/26/2019 6:00	28.79	80.7	5.49	6.6	SR5	9/26/2019 12:00	28.97	95.3	6.08	5.8	SR5	9/26/2019 18:00	29.15	90.8	5.78	5.5
SR5	9/26/2019 0:05	29.01	86.2	5.62	3.6	SR5	9/26/2019 6:05	28.80	80.1	5.44	4.1	SR5	9/26/2019 12:05	29.07	98.4	6.27	4.6	SR5	9/26/2019 18:05	29.13	90.1	5.73	6.1
SR5	9/26/2019 0:10	29.01	86.0	5.60	4.4	SR5	9/26/2019 6:10	28.81	80.3	5.47	5.8	SR5	9/26/2019 12:10	29.04	97.7	6.23	5.1	SR5	9/26/2019 18:10	29.12	88.1	5.60	4.6
SR5	9/26/2019 0:15	28.99	86.0	5.60	5.2	SR5	9/26/2019 6:15	28.81	80.0	5.43	4.1	SR5	9/26/2019 12:15	29.08	99.0	6.31	4.8	SR5	9/26/2019 18:15	29.13	89.4	5.69	5.3
SR5	9/26/2019 0:20	28.97	84.4	5.50	3.4	SR5	9/26/2019 6:20	28.82	80.0	5.47	4.7	SR5	9/26/2019 12:20	29.12	100.0	6.37	5.9	SR5	9/26/2019 18:20	29.12	87.0	5.53	6.7
SR5	9/26/2019 0:25	28.99	83.9	5.45	5.6	SR5	9/26/2019 6:25	28.85	80.3	5.47	5.4	SR5	9/26/2019 12:25	29.16	100.3	6.39	5.8	SR5	9/26/2019 18:25	29.12	87.2	5.54	5.4
SR5	9/26/2019 0:30	29.00	85.1	5.52	6.3	SR5	9/26/2019 6:30	28.87	80.4	5.45	6.7	SR5	9/26/2019 12:30	29.33	104.0	6.61	4.1	SR5	9/26/2019 18:30	29.12	87.7	5.57	5.6
SR5	9/26/2019 0:35	29.00	84.3	5.47	6.2	SR5	9/26/2019 6:35	28.88	80.2	5.44	5.5	SR5	9/26/2019 12:35	29.31	107.8	6.86	4.5	SR5	9/26/2019 18:35	29.11	86.9	5.52	4.4
SR5	9/26/2019 0:40	29.01	84.9	5.51	3.9	SR5	9/26/2019 6:40	28.91	80.5	5.49	4.5	SR5	9/26/2019 12:40	29.31	107.5	6.83	5.2	SR5	9/26/2019 18:40	29.09	86.2	5.47	3.8
SR5	9/26/2019 0:45	29.00	85.0	5.51	5.7	SR5	9/26/2019 6:45	28.92	80.3	5.47	6.5	SR5	9/26/2019 12:45	29.25	107.7	6.86	4.6	SR5	9/26/2019 18:45	29.11	85.9	5.46	6.4
SR5	9/26/2019 0:50	29.01	85.2	5.50	4.4	SR5	9/26/2019 6:50	28.93	80.0	5.45	4.6	SR5	9/26/2019 12:50	29.18	105.9	6.75	3.9	SR5	9/26/2019 18:50	29.11	85.8	5.45	6.8
SR5	9/26/2019 0:55	29.01	85.5	5.52	5.6	SR5	9/26/2019 6:55	28.87	79.8	5.45	5.1	SR5	9/26/2019 12:55	29.20	105.3	6.71	6.3	SR5	9/26/2019 18:55	29.10	86.2	5.48	4.0
SR5	9/26/2019 1:00	28.92	86.9	5.53	5.1	SR5	9/26/2019 7:00	28.91	79.8	5.41	4.9	SR5						SR5	9/26/2019 19:00	29.10	85.8	5.44	6.6
SR5	9/26/2019 1:05	28.89	86.8	5.53	6.0	SR5	9/26/2019 7:05	28.91	80.3	5.45	4.2	SR5						SR5	9/26/2019 19:05	29.10	85.8	5.45	6.1
SR5	9/26/2019 1:10	28.85	87.2	5.56	4.0	SR5	9/26/2019 7:10	28.90	80.3	5.44	5.7	SR5						SR5	9/26/2019 19:10	29.08	85.2	5.41	6.8
SR5	9/26/2019 1:15	28.87	86.6	5.52	3.5	SR5	9/26/2019 7:15	28.87	80.9	5.50	5.7	SR5						SR5	9/26/2019 19:15	29.09	84.6	5.37	6.6
SR5	9/26/2019 1:20	28.92	85.0	5.41	4.7	SR5	9/26/2019 7:20	28.94	81.0	5.52	4.1	SR5	9/26/2019 13:20	29.16	104.2	6.64	5.3	SR5	9/26/2019 19:20	29.08	85.2	5.41	5.5
SR5	9/26/2019 1:25	28.92	85.9	5.47	4.7	SR5	9/26/2019 7:25	28.94	81.6	5.56	5.4	SR5	9/26/2019 13:25	29.23	106.9	6.81	4.7	SR5	9/26/2019 19:25	29.08	85.4	5.42	5.4
SR5	9/26/2019 1:30	28.88	85.5	5.44	6.0	SR5	9/26/2019 7:30	28.96	81.5	5.56	4.3	SR5	9/26/2019 13:30	29.15	101.7	6.49	4.9	SR5	9/26/2019 19:30	29.08	85.2	5.41	4.8
SR5	9/26/2019 1:35	28.90	84.4	5.37	3.9	SR5	9/26/2019 7:35	28.96	81.2	5.54	5.3	SR5	9/26/2019 13:35	29.18	98.9	6.30	5.4	SR5	9/26/2019 19:35	29.08	84.8	5.38	6.4
SR5	9/26/2019 1:40	28.84	86.4	5.51	3.1	SR5	9/26/2019 7:40	28.97	81.2	5.54	4.9	SR5	9/26/2019 13:40	29.19	102.2	6.51	4.2	SR5	9/26/2019 19:40	29.09	84.3	5.35	5.8
SR5	9/26/2019 1:45	28.81	85.5	5.45	4.4	SR5	9/26/2019 7:45	28.98	81.0	5.53	5.4	SR5	9/26/2019 13:45	29.21	102.8	6.55	3.8	SR5	9/26/2019 19:45	29.08	84.3	5.35	4.7
SR5	9/26/2019 1:50	28.83	85.2	5.43	6.0	SR5	9/26/2019 7:50	28.97	80.5	5.48	5.2	SR5	9/26/2019 13:50	29.22	100.8	6.42	5.9	SR5	9/26/2019 19:50	29.09	83.9	5.32	6.6
SR5	9/26/2019 1:55	28.83	84.8	5.40	4.4	SR5	9/26/2019 7:55	28.98	80.3	5.49	5.8	SR5	9/26/2019 13:55	29.23	102.3	6.51	4.2	SR5	9/26/2019 19:55	29.09	83.8	5.32	5.3
SR5	9/26/2019 2:00	28.81	84.8	5.41	6.6	SR5	9/26/2019 8:00	28.98	80.1	5.44	6.5	SR5	9/26/2019 14:00	29.23	101.7	6.47	5.2	SR5	9/26/2019 20:00	29.08	83.9	5.32	5.8
SR5	9/26/2019 2:05	28.75	87.7	5.60	4.7	SR5	9/26/2019 8:05	28.98	80.4	5.48	3.5	SR5	9/26/2019 14:05	29.21	100.6	6.41	3.3	SR5	9/26/2019 20:05	29.08	83.4	5.29	5.9
SR5	9/26/2019 2:10	28.76	88.1	5.62	5.2	SR5	9/26/2019 8:10	28.99	79.8	5.41	6.0	SR5	9/26/2019 14:10	29.25	104.2	6.63	4.9	SR5	9/26/2019 20:10	29.09	82.8	5.25	5.4
SR5	9/26/2019 2:15	28.77	87.8	5.61	3.5	SR5	9/26/2019 8:15	29.00	79.8	5.44	3.4	SR5	9/26/2019 14:15	29.21	104.9	6.68	4.9	SR5	9/26/2019 20:15	29.08	83.2	5.28	5.4
SR5	9/26/2019 2:20	28.73	88.2	5.64	4.7	SR5	9/26/2019 8:20	28.99	79.9	5.42	4.2	SR5	9/26/2019 14:20	29.30	106.7	6.79	4.1	SR5	9/26/2019 20:20	29.08	82.8	5.25	5.5
SR5	9/26/2019 2:25	28.79	87.6	5.59	3.5	SR5	9/26/2019 8:25	28.98	80.7	5.46	3.7	SR5	9/26/2019 14:25	29.23	102.9	6.55	5.0	SR5	9/26/2019 20:25	29.08	83.4	5.29	6.3
SR5	9/26/2019 2:30	28.78	87.3	5.58	3.7	SR5	9/26/2019 8:30	28.98	81.0	5.48	5.8	SR5	9/26/2019 14:30	29.30	104.6	6.66	5.9	SR5	9/26/2019 20:30	29.08	82.7	5.25	5.8
SR5	9/26/2019 2:35	28.79	87.4	5.58	4.7	SR5	9/26/2019 8:35	28.97	81.3	5.50	4.7	SR5	9/26/2019 14:35	29.29	103.6	6.59	5.6	SR5	9/26/2019 20:35	29.08	83.4	5.29	5.7
SR5	9/26/2019 2:40	28.80	87.5	5.59	5.8	SR5	9/26/2019 8:40	28.97	81.2	5.50	3.5	SR5	9/26/2019 14:40	29.32	103.4	6.58	6.3	SR5	9/26/2019 20:40	29.08	83.1	5.27	5.5
SR5	9/26/2019 2:45	28.78	87.3	5.57	6.4	SR5	9/26/2019 8:45	28.98	81.3	5.54	6.0	SR5	9/26/2019 14:45	29.32	101.6	6.46	4.2	SR5	9/26/2019 20:45	29.08	82.5	5.23	5.5
SR5	9/26/2019 2:50	28.79	87.0	5.56	3.8	SR5	9/26/2019 8:50	28.98	81.1	5.51	5.0	SR5	9/26/2019 14:50	29.31	100.1	6.37	4.9	SR5	9/26/2019 20:50	29.08	84.7	5.75	6.6
SR5	9/26/2019 2:55	28.80	86.6	5.52	5.8	SR5	9/26/2019 8:55	29.00	81.7	5.53	3.4	SR5	9/26/2019 14:55	29.28	99.7	6.34	4.4	SR5	9/26/2019 20:55	29.09	84.6	5.76	5.5
SR5	9/26/2019 3:00	28.83	83.4	5.32	6.1	SR5	9/26/2019 9:00	29.00	81.6	5.55	6.4	SR5	9/26/2019 15:00	29.26	97.9	6.23	6.6	SR5	9/26/2019 21:00	29.09	84.6	5.72	7.3
SR5	9/26/2019 3:05	28.82	85.9	5.48	4.7	SR5	9/26/2019 9:05	29.00	81.3	5.51	4.9	SR5	9/26/2019 15:05	29.27	98.1	6.24	4.6	SR5	9/26/2019 21:05	29.09	84.5	5.76	6.8
SR5	9/26/2019 3:10	28.79	86.4	5.51	3.4	SR5	9/26/2019 9:10	29.00	81.5	5.51	5.2	SR5	9/26/2019 15:10	29.26	97.9	6.23	5.5	SR5	9/26/2019 21:10	29.09	84.5	5.72	5.1
SR5	9/26/2019 3:15	28.82	85.6	5.46	4.1	SR5	9/26/2019 9:15	29.01	81.7	5.56	3.7	SR5	9/26/2019 15:15	29.27	98.3	6.26	4.2	SR5	9/26/2019 21:15	29.09	84.6	5.72	5.8
SR5	9/26/2019 3:20	28.80	86.2	5.50	5.2	SR5	9/26/2019 9:20	29.01	81.7	5.56	4.3	SR5	9/26/2019 15:20	29.29	98.6	6.27	6.8	SR5	9/26/2019 21:20	29.09	84.8	5.74	5.4
SR5	9/26/2019 3:25	28.80	86.0	5.48	5.6	SR5	9/26/2019 9:25	29.01	82.1	5.56	5.4	SR5	9/26/2019 15:25	29.25	97.7	6.22	4.8	SR5	9/26/2019 21:25	29.10	85.4	5.82	6.4
SR5	9/26/2019 3:30	28.79	86.3	5.51	3.1	SR5	9/26/2019 9:30	29.02	82.8	5.64	5.1	SR5	9/26/2019 15:30	29.26	98.1	6.24	5.1	SR5	9/26/2019 21:30	29.10	85.6	5.84	7.1
SR5	9/26/2019 3:35	28.77	87.2	5.56	6.5	SR5	9/26/2019 9:35	29.02	82.5	5.61	4.0	SR5	9/26/2019 15:35	29.25	97.9	6.23	3.2	SR5	9/26/2019 21:35	29.10	85.3	5.82	5.5
SR5	9/26/2019 3:40	28.77	87.1	5.56	5.8	SR5	9/26/2019 9:40	29.03	82.7	5.59	3.8	SR5	9/26/2019 15:40	29.23	97.7	6.22	4.7	SR5	9/26/2019 21:40	29.09	84.9	5.79	6.2
SR5	9/26/2019 3:45	28.77	86.5	5.52	3.5	SR5	9/26/2019 9:45	29.00	84.0	5.69	4.5	SR5	9/26/2019 15:45	29.23	97.4	6.20	5.7	SR5	9/26/2019 21:45	29.10	84.2	5.72	7.2
SR5	9/26/2019 3:50	28.82	85.7	5.46	3.4	SR5	9/26/2019 9:50	29.01	84.0	5.72	3.7	SR5	9/26/2019 15:50	29.23	97.2	6.19	5.6	SR5	9/26/2019 21:50	29.10	83.5	5.68	6.5
SR5	9/26/2019 3:55	28.79	84.8	5.41	6.6	SR5	9/26/2019 9:55	28.97	84.5	5.72	5.5	SR5	9/26/2019 15:55	29.24	97.3	6.19	4.6	SR5	9/26/2019 21:55	29.10	82.8	5.62	6.0
SR5	9/26/2019 4:00	28.78	84.8	5.41	4.6	SR5	9/26/2019 10:00	28.96	85.1	5.79	3.9	SR5	9/26/2019 16:00	29.25	96.1	6.12	5.7	SR5	9/26/2019 22:00	29.09	83.4	5.65	7.1
SR5	9/26/2019 4:05	28.78	84.9	5.42	4.0	SR5	9/26/2019 10:05	28.95	86.1	5.47	6.8	SR5	9/26/2019 16:05	29.25	97.7	6.22	4.9	SR5	9/26/2019 22:05	29.09	83.4	5.67	7.0
SR5	9/26/2019 4:10	28.78	84.6	5.40	6.3	SR5	9/26/2019 10:10	28.97	85.4	5.42	5.6	SR5	9/26/2019 16:10	29.25	97.5	6.20	4.4	SR5	9/26/2019 22:10	29.09	83.3	5.68	7.4
SR5	9/26/2019 4:15	28.81	84.7	5.40	4.8	SR5	9/26/2019 10:15	28.96	86.6	5.50	6.5	SR5	9/26/2019 16:15	29.28	97.9	6.23	4.7	SR5	9/26/2019 22:15	29.09	83.7	5.70	5.7
SR5	9/26/2019 4:20	28.81	84.5	5.38	4.4	SR5	9/26/2019 10:20	28.97	85.8	5.45	5.0	SR5	9/26/2019 16:20	29.26	97.0	6.18	3.5	SR5	9/26/2019 22:20	29.09	83.7	5.70	7.1
SR5	9/26/2019 4:25	28.82	84.0	5.36	4.6	SR5	9/26/2019 10:25	28.95	86.3	5.48	5.0	SR5	9/26/2019 16:25	29.26	98.0	6.23	4.4	SR5	9/26/2019 22:25	29.02	85.6	5.80	5.7
SR5	9/26/2019 4:30	28.81	83.6	5.33	5.3	SR5	9/26/2019 10:30	28.96	85.7	5.45	3.7	SR5	9/26/2019 16:30	29.19	95.9	6.11	4.0	SR5	9/26/2019 22:30	29.05	84.1	5.34	5.9
SR5	9/26/2019 4:35	28.76	82.9	5.29	3.3	SR5	9/26/2019 10:35	28.96	85.0	5.40	6.3	SR5	9/26/2019 16:35	29.18	95.1	6.05	4.8	SR5	9/26/2019 22:35	29.05	83.7	5.31	6.6
SR5	9/26/2019 4:40	28.77	82.6	5.27	4.3	SR5	9/26/2019 10:40	28.98	86.5	5.49	4.8	SR5	9/26/2019 16:40	29.17	93.7	5.97	6.5	SR5	9/26/2019 22:40	29.05	83.5	5.29	6.4
SR5	9/26/2019 4:45	28.80	83.3	5.31	4.1	SR5	9/26/2019 10:45	28.96	85.3	5.42	4.3	SR5	9/26/2019 16:45	29.23	94.7	6.03	3.4	SR5	9/26/2019 22:45	29.06	83.5	5.30	6.5
SR5	9/26/2019 4:50	28.83	83.4	5.31	4.4	SR5	9/26/2019 10:50	28.99	85.9	5.45	4.5	SR5	9/26/2019 16:50	29.21	94.1	5.99	4.8	SR5	9/26/2019 22:50	29.05	83.7	5.31	7.0
SR5	9/26/2019 4:55	28.83	82.1	5.23	4.4	SR5	9/26/2019 10:55	29.01	89.8	5.71	4.3	SR5	9/26/2019 16:55	29.24	94.3	6.00	4.3	SR5	9/26/2019 22:55	29.05	83.3	5.28	6.6
SR5	9/26/2019 5:00	28.80	81.6	5.20	4.4	SR5	9/26/2019 11:00	29.02	91.5	5.82	4.6	SR5	9/26/2019 17:00	29.25	95.0	6.04	5.4	SR5	9/26/2019 23:00	29.05	83.8	5.31	6.4
SR5	9/26/2019 5:05	28.81	82.3	5.25	5.5	SR5	9/26/2019 11:05	29.05	93.8	5.97	5.8	SR5	9/26/2019 17:05	29.27	95.0	6.04	4.8	SR5	9/26/2019 23:05	29.05	84.1	5.33	6.3
SR5	9/26/2019 5:10	28.83	82.1	5.23	6.3	SR5	9/26/2019 11:10	29.08	97.5	6.21	3.8	SR5	9/26/2019 17:10	29.23	94.5	6.01	6.7	SR5	9/26/2019 23:10	29.05	83.8	5.32	6.5
SR5	9/26/2019 5:15	28.80	82.2	5.24	3.5	SR5	9/26/2019 11:15	29.08	96.5	6.14	5.0	SR5	9/26/2019 17:15	29.19	93.5	5.95	7.3	SR5	9/26/2019 23:15	29.04	84.3	5.35	5.4
SR5	9/26/2019 5:20	28.71	81.5	5.57	4.3	SR5	9/26/2019 11:20	29.03	100.6	6.42	5.5	SR5	9/26/2019 17:20	29.18	93.0	5.92	6.1	SR5	9/26/2019 23:20	29.03	84.3	5.35	7.6
SR5	9/26/2019 5:25	28.76	81.0	5.54	6.3	SR5	9/26/2019 11:25	29.04	100.2	6.39	4.4	SR5	9/26/2019 17:25	29.19	92.8	5.90	6.2	SR5	9/26/2019 23:25	29.05	85.5	5.43	5.1
SR5	9/26/2019 5:30	28.77	80.8	5.51	5.1	SR5	9/26/2019 11:30	28.98	98.8	6.31	5.9	SR5	9/26/2019 17:30	29.19	92.3	5.88	5.3	SR5	9/26/2019 23:30	29.04	84.9	5.39	7.5
SR5	9/26/2019 5:35	28.77	80.8	5.47	4.7	SR5	9/26/2019 11:35	28.96	96.5	6.16	5.9	SR5	9/26/2019 17:35	29.16	91.4	5.82	4.6	SR5	9/26/2019 23:35	29.06	85.3	5.41	7.1
SR5	9/26/2019 5:40	28.76	80.4	5.46	5.5	SR5	9/26/2019 11:40	28.94	95.7	6.11	4.2	SR5	9/26/2019 17:40	29.15	90.9	5.78	6.8	SR5	9/26/2019 23:40	29.06	85.1	5.40	5.7
SR5	9/26/2019 5:45	28.76	80.5	5.51	5.0	SR5	9/26/2019 11:45	28.93	96.1	6.14	3.7	SR5	9/26/2019 17:45	29.14	90.1	5.73	5.7	SR5	9/26/2019 23:45	29.05	85.5	5.43	6.3
SR5	9/26/2019 5:50	28.76	80.6	5.49	5.7	SR5	9/26/2019 11:50	28.95	96.8	6.18	6.3	SR5	9/26/2019 17:50	29.14	89.7	5.71	5.4	SR5	9/26/2019 23:50	29.05	85.9	5.45	5.6
SR5	9/26/2019 5:55	28.77	80.3	5.46	5.1	SR5	9/26/2019 11:55	29.00	96.5	6.16	4.7	SR5	9/26/2019 17:55	29.15	89.9	5.72	5.0	SR5	9/26/2019 23:55	29.05	86.2	5.47	6.8

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	9/26/2019 0:01	29.05	83.4	5.60	3.4	SR12	9/26/2019 6:01	29.04	77.8	5.19	2.6	SR12	9/26/2019 12:01	29.08	87.5	5.83	4.8	SR12	9/26/2019 18:01	29.14	81.0	5.45	2.5
SR12	9/26/2019 0:06	29.05	85.1	5.73	3.5	SR12	9/26/2019 6:06	29.05	77.3	5.20	2.8	SR12	9/26/2019 12:06	29.09	87.3	5.85	4.7	SR12	9/26/2019 18:06	29.14	82.7	5.51	2.6
SR12	9/26/2019 0:11	29.05	88.8	5.93	3.5	SR12	9/26/2019 6:11	29.04	76.9	5.15	2.8	SR12	9/26/2019 12:11	29.09	88.8	5.93	4.5	SR12	9/26/2019 18:11	29.13	81.3	5.43	3.4
SR12	9/26/2019 0:16	29.05	88.0	5.89	4.3	SR12	9/26/2019 6:16	29.04	76.1	5.07	2.8	SR12	9/26/2019 12:16	29.09	88.7	5.95	4.8	SR12	9/26/2019 18:16	29.13	80.7	5.40	3.7
SR12	9/26/2019 0:21	29.05	89.0	5.95	3.7	SR12	9/26/2019 6:21	29.04	73.9	4.93	2.8	SR12	9/26/2019 12:21	29.09	89.2	5.96	4.8	SR12	9/26/2019 18:21	29.12	81.3	5.47	3.9
SR12	9/26/2019 0:26	29.04	88.4	5.89	3.4	SR12	9/26/2019 6:26	29.06	75.3	5.01	3.1	SR12	9/26/2019 12:26	29.09	88.5	5.91	5.2	SR12	9/26/2019 18:26	29.13	80.0	5.37	3.7
SR12	9/26/2019 0:31	29.03	89.4	5.97	3.3	SR12	9/26/2019 6:31	29.06	77.2	5.15	3.1	SR12	9/26/2019 12:31	29.09	87.3	5.85	4.7	SR12	9/26/2019 18:31	29.11	81.6	5.47	3.9
SR12	9/26/2019 0:36	29.02	89.6	6.01	3.2	SR12	9/26/2019 6:36	29.07	77.1	5.16	3.1	SR12	9/26/2019 12:36	29.09	88.3	5.89	5.1	SR12	9/26/2019 18:36	29.11	82.7	5.51	3.9
SR12	9/26/2019 0:41	29.04	91.1	6.10	3.2	SR12	9/26/2019 6:41	29.07	78.0	5.21	3.4	SR12	9/26/2019 12:41	29.09	87.7	5.89	4.9	SR12	9/26/2019 18:41	29.11	82.3	5.48	3.7
SR12	9/26/2019 0:46	29.02	91.3	6.14	3.0	SR12	9/26/2019 6:46	29.07	75.5	5.07	3.6	SR12	9/26/2019 12:46	29.09	87.4	5.84	4.9	SR12	9/26/2019 18:46	29.12	79.9	5.32	3.5
SR12	9/26/2019 0:51	29.03	90.2	6.01	3.3	SR12	9/26/2019 6:51	29.02	78.0	5.24	3.2	SR12	9/26/2019 12:51	29.10	87.5	5.89	5.4	SR12	9/26/2019 18:51	29.11	79.5	5.33	3.6
SR12	9/26/2019 0:56	29.02	90.8	6.05	3.2	SR12	9/26/2019 6:56	29.02	77.7	5.17	2.9	SR12	9/26/2019 12:56	29.09	87.4	5.88	4.9	SR12	9/26/2019 18:56	29.12	82.5	5.53	4.0
SR12	9/26/2019 1:01	29.01	91.7	6.12	3.0	SR12	9/26/2019 7:01	29.02	77.0	5.13	3.0	SR12	9/26/2019 13:01	29.10	87.8	5.91	5.4	SR12	9/26/2019 19:01	29.12	81.9	5.47	3.3
SR12	9/26/2019 1:06	29.03	89.9	6.04	3.2	SR12	9/26/2019 7:06	29.03	77.3	5.19	3.3	SR12	9/26/2019 13:06	29.09	90.5	6.04	5.3	SR12	9/26/2019 19:06	29.11	80.7	5.40	3.1
SR12	9/26/2019 1:11	29.03	89.8	6.00	3.1	SR12	9/26/2019 7:11	29.03	77.0	5.16	3.6	SR12	9/26/2019 13:11	29.10	89.6	6.00	5.3	SR12	9/26/2019 19:11	29.11	80.9	5.44	3.4
SR12	9/26/2019 1:16	29.03	89.9	5.99	3.1	SR12	9/26/2019 7:16	29.04	76.3	5.12	3.5	SR12	9/26/2019 13:16	29.10	90.1	6.04	5.2	SR12	9/26/2019 19:16	29.12	80.3	5.35	3.6
SR12	9/26/2019 1:21	29.03	89.3	5.97	3.3	SR12	9/26/2019 7:21	29.04	77.3	5.19	3.5	SR12	9/26/2019 13:21	29.10	90.4	6.02	5.0	SR12	9/26/2019 19:21	29.12	79.2	5.31	3.4
SR12	9/26/2019 1:26	29.03	89.5	6.02	2.9	SR12	9/26/2019 7:26	29.04	79.7	5.32	4.0	SR12	9/26/2019 13:26	29.09	90.5	6.06	4.9	SR12	9/26/2019 19:26	29.12	79.9	5.37	3.7
SR12	9/26/2019 1:31	29.03	89.7	6.01	3.2	SR12	9/26/2019 7:31	29.04	79.4	5.33	4.2	SR12	9/26/2019 13:31	29.10	90.7	6.06	5.1	SR12	9/26/2019 19:31	29.11	80.0	5.36	3.8
SR12	9/26/2019 1:36	29.02	89.1	5.95	3.0	SR12	9/26/2019 7:36	29.04	79.5	5.32	3.6	SR12	9/26/2019 13:36	29.10	90.0	6.05	5.2	SR12	9/26/2019 19:36	29.12	79.3	5.32	3.4
SR12	9/26/2019 1:41	29.03	89.1	5.95	3.2	SR12	9/26/2019 7:41	29.04	78.7	5.25	3.2	SR12	9/26/2019 13:41	29.11	90.0	6.04	4.9	SR12	9/26/2019 19:41	29.12	79.5	5.33	3.5
SR12	9/26/2019 1:46	29.02	88.0	5.89	3.2	SR12	9/26/2019 7:46	29.06	77.8	5.21	3.8	SR12	9/26/2019 13:46	29.11	91.7	6.14	5.2	SR12	9/26/2019 19:46	29.12	79.2	5.32	3.7
SR12	9/26/2019 1:51	29.02	86.9	5.79	3.0	SR12	9/26/2019 7:51	29.06	80.5	5.39	3.4	SR12	9/26/2019 13:51	29.11	91.1	6.12	5.2	SR12	9/26/2019 19:51	29.12	80.0	5.37	3.5
SR12	9/26/2019 1:56	29.02	85.1	5.68	2.9	SR12	9/26/2019 7:56	29.05	83.6	5.57	3.4	SR12	9/26/2019 13:56	29.11	90.8	6.06	4.8	SR12	9/26/2019 19:56	29.12	78.4	5.27	3.3
SR12	9/26/2019 2:01	29.02	87.3	5.85	3.3	SR12	9/26/2019 8:01	29.03	83.7	5.63	3.5	SR12	9/26/2019 14:01	29.12	92.4	6.16	4.9	SR12	9/26/2019 20:01	29.09	80.5	5.36	3.6
SR12	9/26/2019 2:06	29.02	87.1	5.83	3.4	SR12	9/26/2019 8:06	29.03	84.5	5.63	3.3	SR12	9/26/2019 14:06	29.12	92.1	6.13	5.3	SR12	9/26/2019 20:06	29.10	80.0	5.36	3.7
SR12	9/26/2019 2:11	29.02	87.0	5.80	3.1	SR12	9/26/2019 8:11	29.04	83.4	5.56	3.5	SR12	9/26/2019 14:11	29.12	92.2	6.17	8.2	SR12	9/26/2019 20:11	29.11	78.7	5.28	3.7
SR12	9/26/2019 2:16	29.02	86.4	5.77	2.8	SR12	9/26/2019 8:16	29.05	82.2	5.53	3.3	SR12	9/26/2019 14:16	29.12	91.7	6.17	5.4	SR12	9/26/2019 20:16	29.11	80.7	5.43	3.8
SR12	9/26/2019 2:21	29.00	87.5	5.85	3.0	SR12	9/26/2019 8:21	29.07	82.6	5.52	3.5	SR12	9/26/2019 14:21	29.12	92.9	6.24	5.1	SR12	9/26/2019 20:21	29.11	78.4	5.27	3.5
SR12	9/26/2019 2:26	29.03	86.2	5.80	2.9	SR12	9/26/2019 8:26	29.07	81.9	5.48	3.6	SR12	9/26/2019 14:26	29.12	93.3	6.22	4.8	SR12	9/26/2019 20:26	29.11	77.4	5.21	3.6
SR12	9/26/2019 2:31	29.04	85.5	5.69	2.9	SR12	9/26/2019 8:31	29.07	81.0	5.39	3.3	SR12	9/26/2019 14:31	29.12	92.6	6.22	5.0	SR12	9/26/2019 20:31	29.10	76.5	5.11	3.5
SR12	9/26/2019 2:36	29.03	83.2	5.59	2.9	SR12	9/26/2019 8:36	29.07	79.9	5.35	3.4	SR12	9/26/2019 14:36	29.13	93.4	6.26	4.0	SR12	9/26/2019 20:36	29.12	76.4	5.09	3.6
SR12	9/26/2019 2:41	29.04	83.2	5.59	2.9	SR12	9/26/2019 8:41	29.07	79.6	5.35	4.2	SR12	9/26/2019 14:41	29.13	92.8	6.24	4.1	SR12	9/26/2019 20:41	29.13	76.5	5.15	4.0
SR12	9/26/2019 2:46	29.05	82.6	5.56	3.0	SR12	9/26/2019 8:46	29.05	82.2	5.52	3.5	SR12	9/26/2019 14:46	29.14	93.6	6.25	4.7	SR12	9/26/2019 20:46	29.13	75.6	5.07	3.8
SR12	9/26/2019 2:51	29.05	83.6	5.59	3.0	SR12	9/26/2019 8:51	29.04	84.6	5.65	3.0	SR12	9/26/2019 14:51	29.15	93.3	6.22	3.3	SR12	9/26/2019 20:51	29.13	77.3	5.19	4.6
SR12	9/26/2019 2:56	29.05	83.5	5.56	3.2	SR12	9/26/2019 8:56	29.05	84.3	5.67	4.1	SR12	9/26/2019 14:56	29.15	93.5	6.25	3.2	SR12	9/26/2019 20:56	29.13	77.5	5.16	3.7
SR12	9/26/2019 3:01	29.04	81.6	5.48	2.8	SR12	9/26/2019 9:01	29.05	84.2	5.65	3.0	SR12	9/26/2019 15:01	29.14	93.4	6.26	3.4	SR12	9/26/2019 21:01	29.13	79.2	5.27	3.9
SR12	9/26/2019 3:06	29.06	83.3	5.57	3.1	SR12	9/26/2019 9:06	29.05	83.7	5.61	3.0	SR12	9/26/2019 15:06	29.15	93.6	6.25	3.1	SR12	9/26/2019 21:06	29.13	79.0	5.28	4.7
SR12	9/26/2019 3:11	29.05	82.6	5.52	3.0	SR12	9/26/2019 9:11	29.04	84.4	5.63	3.2	SR12	9/26/2019 15:11	29.15	93.6	6.25	2.9	SR12	9/26/2019 21:11	29.13	77.8	5.19	3.9
SR12	9/26/2019 3:16	29.06	81.7	5.48	3.4	SR12	9/26/2019 9:16	29.05	84.7	5.69	3.1	SR12	9/26/2019 15:16	29.16	93.5	6.29	2.7	SR12	9/26/2019 21:16	29.13	76.7	5.12	3.9
SR12	9/26/2019 3:21	29.06	81.1	5.44	3.2	SR12	9/26/2019 9:21	29.06	84.7	5.65	3.2	SR12	9/26/2019 15:21	29.16	93.9	6.29	3.7	SR12	9/26/2019 21:21	29.12	77.8	5.20	4.5
SR12	9/26/2019 3:26	29.06	80.7	5.37	3.3	SR12	9/26/2019 9:26	29.06	85.2	5.68	3.1	SR12	9/26/2019 15:26	29.17	94.2	6.28	2.5	SR12	9/26/2019 21:26	29.13	79.8	5.36	4.4
SR12	9/26/2019 3:31	29.05	80.0	5.36	3.2	SR12	9/26/2019 9:31	29.06	84.9	5.65	3.2	SR12	9/26/2019 15:31	29.16	92.7	6.21	2.6	SR12	9/26/2019 21:31	29.13	79.6	5.36	4.2
SR12	9/26/2019 3:36	29.05	78.0	5.21	3.1	SR12	9/26/2019 9:36	29.06	83.4	5.61	3.4	SR12	9/26/2019 15:36	29.15	92.6	6.18	2.8	SR12	9/26/2019 21:36	29.12	79.7	5.31	4.3
SR12	9/26/2019 3:41	29.06	79.4	5.31	3.2	SR12	9/26/2019 9:41	29.05	83.1	5.56	3.4	SR12	9/26/2019 15:41	29.15	90.3	6.05	3.2	SR12	9/26/2019 21:41	29.11	79.4	5.32	4.2
SR12	9/26/2019 3:46	29.05	80.5	5.39	3.4	SR12	9/26/2019 9:46	29.06	85.2	5.71	3.4	SR12	9/26/2019 15:46	29.15	91.0	6.10	3.2	SR12	9/26/2019 21:46	29.11	79.8	5.35	4.1
SR12	9/26/2019 3:51	29.06	82.0	5.47	5.8	SR12	9/26/2019 9:51	29.05	85.4	5.73	3.4	SR12	9/26/2019 15:51	29.14	91.8	6.12	3.1	SR12	9/26/2019 21:51	29.11	80.0	5.33	4.1
SR12	9/26/2019 3:56	29.05	81.0	5.43	3.4	SR12	9/26/2019 9:56	29.05	84.7	5.64	3.5	SR12	9/26/2019 15:56	29.13	91.2	6.13	3.0	SR12	9/26/2019 21:56	29.12	80.1	5.37	4.4
SR12	9/26/2019 4:01	29.05	78.9	5.27	3.0	SR12	9/26/2019 10:01	29.06	84.5	5.67	3.3	SR12	9/26/2019 16:01	29.14	91.8	6.17	2.8	SR12	9/26/2019 22:01	29.11	79.6	5.31	4.1
SR12	9/26/2019 4:06	29.06	80.2	5.39	3.3	SR12	9/26/2019 10:06	29.07	84.6	5.65	3.2	SR12	9/26/2019 16:06	29.14	91.9	6.14	2.9	SR12	9/26/2019 22:06	29.11	78.7	5.28	3.8
SR12	9/26/2019 4:11	29.05	79.7	5.32	2.9	SR12	9/26/2019 10:11	29.06	83.6	5.61	3.2	SR12	9/26/2019 16:11	29.14	91.1	6.10	3.5	SR12	9/26/2019 22:11	29.11	78.8	5.27	4.1
SR12	9/26/2019 4:16	29.05	77.9	5.24	3.1	SR12	9/26/2019 10:16	29.07	84.7	5.65	3.3	SR12	9/26/2019 16:16	29.13	91.4	6.09	2.8	SR12	9/26/2019 22:16	29.11	79.9	5.32	4.4
SR12	9/26/2019 4:21	29.06	79.5	5.29	3.0	SR12	9/26/2019 10:21	29.07	84.7	5.69	3.8	SR12	9/26/2019 16:21	29.14	91.2	6.08	3.2	SR12	9/26/2019 22:21	29.11	80.0	5.36	7.5
SR12	9/26/2019 4:26	29.05	80.4	5.41	3.0	SR12	9/26/2019 10:26	29.07	84.1	5.65	3.6	SR12	9/26/2019 16:26	29.14	90.2	6.02	2.8	SR12	9/26/2019 22:26	29.07	80.6	5.41	3.7
SR12	9/26/2019 4:31	29.05	80.6	5.39	2.9	SR12	9/26/2019 10:31	29.06	84.0	5.61	3.7	SR12	9/26/2019 16:31	29.14	89.0	5.93	2.8	SR12	9/26/2019 22:31	29.06	80.1	5.37	3.7
SR12	9/26/2019 4:36	29.05	79.6	5.36	3.2	SR12	9/26/2019 10:36	29.07	83.1	5.57	3.6	SR12	9/26/2019 16:36	29.15	86.0	5.77	2.8	SR12	9/26/2019 22:36	29.06	79.8	5.36	4.6
SR12	9/26/2019 4:41	29.05	78.8	5.28	2.9	SR12	9/26/2019 10:41	29.07	84.0	5.61	3.6	SR12	9/26/2019 16:41	29.14	86.1	5.76	2.7	SR12	9/26/2019 22:41	29.07	80.3	5.35	3.7
SR12	9/26/2019 4:46	29.05	78.8	5.29	3.0	SR12	9/26/2019 10:46	29.08	84.4	5.67	4.0	SR12	9/26/2019 16:46	29.14	84.6	5.69	2.5	SR12	9/26/2019 22:46	29.07	78.2	5.24	4.1
SR12	9/26/2019 4:51	29.04	79.6	5.33	3.0	SR12	9/26/2019 10:51	29.08	84.2	5.65	3.7	SR12	9/26/2019 16:51	29.15	84.1	5.64	2.5	SR12	9/26/2019 22:51	29.07	78.1	5.24	3.8
SR12	9/26/2019 4:56	29.04	81.6	5.43	3.0	SR12	9/26/2019 10:56	29.08	83.9	5.63	3.8	SR12	9/26/2019 16:56	29.16	85.2	5.67	2.7	SR12	9/26/2019 22:56	29.09	79.5	5.29	4.4
SR12	9/26/2019 5:01	29.05	80.0	5.36	2.9	SR12	9/26/2019 11:01	29.07	83.8	5.63	3.7	SR12	9/26/2019 17:01	29.16	83.9	5.60	2.7	SR12	9/26/2019 23:01	29.08	78.1	5.20	3.8
SR12	9/26/2019 5:06	29.06	79.3	5.32	3.1	SR12	9/26/2019 11:06	29.08	84.3	5.63	3.8	SR12	9/26/2019 17:06	29.17	83.6	5.59	2.5	SR12	9/26/2019 23:06	29.07	82.4	5.52	3.9
SR12	9/26/2019 5:11	29.05	78.0	5.21	3.0	SR12	9/26/2019 11:11	29.09	84.6	5.63	3.6	SR12	9/26/2019 17:11	29.16	83.1	5.59	2.4	SR12	9/26/2019 23:11	29.07	81.9	5.48	3.8
SR12	9/26/2019 5:16	29.03	77.8	5.23	3.1	SR12	9/26/2019 11:16	29.10	83.6	5.59	3.5	SR12	9/26/2019 17:16	29.16	82.1	5.48	2.5	SR12	9/26/2019 23:16	29.09	81.6	5.44	4.0
SR12	9/26/2019 5:21	29.04	78.3	5.23	6.4	SR12	9/26/2019 11:21	29.11	84.1	5.61	4.0	SR12	9/26/2019 17:21	29.17	82.4	5.51	2.4	SR12	9/26/2019 23:21	29.06	81.6	5.44	4.0
SR12	9/26/2019 5:26	29.06	79.9	5.35	3.1	SR12	9/26/2019 11:26	29.11	85.1	5.68	4.2	SR12	9/26/2019 17:26	29.15	81.7	5.47	2.3	SR12	9/26/2019 23:26	29.07	82.0	5.52	3.8
SR12	9/26/2019 5:31	29.04	78.7	5.24	3.0	SR12	9/26/2019 11:31	29.09	85.9	5.73	4.6	SR12	9/26/2019 17:31	29.16	82.7	5.51	2.4	SR12	9/26/2019 23:31	29.08	82.0	5.49	4.0
SR12	9/26/2019 5:36	29.05	78.5	5.24	3.2	SR12	9/26/2019 11:36	29.09	85.6	5.75	4.1	SR12	9/26/2019 17:36	29.16	82.8	5.51	2.6	SR12	9/26/2019 23:36	29.07	80.7	5.43	3.8
SR12	9/26/2019 5:41	29.05	78.0	5.24	3.2	SR12	9/26/2019 11:41	29.08	86.0	5.76	4.2	SR12	9/26/2019 17:41	29.15	81.7	5.44	2.5	SR12	9/26/2019 23:41	29.07	82.7	5.53	4.2
SR12	9/26/2019 5:46	29.05	76.7	5.15	4.2	SR12	9/26/2019 11:46	29.08	86.0	5.77	4.4	SR12	9/26/2019 17:46	29.15	81.1	5.43	2.5	SR12	9/26/2019 23:46	29.07	83.3	5.56	3.9
SR12	9/26/2019 5:51	29.04	76.5	5.13	2.9	SR12	9/26/2019 11:51	29.08	87.0	5.79	4.9	SR12	9/26/2019 17:51	29.16	82.2	5.49	2.8	SR12	9/26/2019 23:51	29.07	82.7	5.53	5.4
SR12	9/26/2019 5:56	29.03	77.6	5.17	2.8	SR12	9/26/2019 11:56	29.08	87.0	5.80	**30.7**	SR12	9/26/2019 17:56	29.15	81.5	5.43	2.4	SR12	9/26/2019 23:56	29.08	83.6	5.61	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)
SR13	9/26/2019 0:00	29.40	83.4	5.70	4.9	SR13	9/26/2019 6:00	29.39	75.0	5.14	5.1	SR13	9/26/2019 12:00	29.51	81.7	5.60	5.9	SR13	9/26/2019 18:00	29.47	80.3	5.49	5.6
SR13	9/26/2019 0:05	29.40	81.2	5.53	4.7	SR13	9/26/2019 6:05	29.38	76.2	5.19	4.9	SR13	9/26/2019 12:05	29.51	80.9	5.53	6.1	SR13	9/26/2019 18:05	29.47	80.8	5.50	5.3
SR13	9/26/2019 0:10	29.39	79.8	5.45	4.4	SR13	9/26/2019 6:10	29.38	76.1	5.19	4.5	SR13	9/26/2019 12:10	29.50	79.7	5.47	6.5	SR13	9/26/2019 18:10	29.46	82.1	5.62	5.7
SR13	9/26/2019 0:15	29.39	80.7	5.50	3.9	SR13	9/26/2019 6:15	29.38	76.4	5.21	5.0	SR13	9/26/2019 12:15	29.51	80.2	5.46	5.7	SR13	9/26/2019 18:15	29.46	81.9	5.58	5.3
SR13	9/26/2019 0:20	29.41	83.3	5.70	4.2	SR13	9/26/2019 6:20	29.38	76.9	5.28	4.5	SR13	9/26/2019 12:20	29.53	79.5	5.47	5.0	SR13	9/26/2019 18:20	29.46	82.8	5.64	5.3
SR13	9/26/2019 0:25	29.39	81.0	5.56	4.2	SR13	9/26/2019 6:25	29.38	74.9	5.13	4.9	SR13	9/26/2019 12:25	29.50	80.7	5.53	5.7	SR13	9/26/2019 18:25	29.44	80.8	5.54	4.9
SR13	9/26/2019 0:30	29.40	84.7	5.77	4.2	SR13	9/26/2019 6:30	29.36	77.8	5.36	6.4	SR13	9/26/2019 12:30	29.49	81.3	5.58	6.2	SR13	9/26/2019 18:30	29.45	80.3	5.50	5.2
SR13	9/26/2019 0:35	29.38	82.0	5.61	4.2	SR13	9/26/2019 6:35	29.35	76.5	5.23	4.6	SR13	9/26/2019 12:35	29.48	81.9	5.63	6.0	SR13	9/26/2019 18:35	29.46	81.8	5.60	5.1
SR13	9/26/2019 0:40	29.38	83.4	5.66	4.5	SR13	9/26/2019 6:40	29.37	77.2	5.29	5.3	SR13	9/26/2019 12:40	29.48	83.1	5.70	6.6	SR13	9/26/2019 18:40	29.46	79.7	5.45	5.0
SR13	9/26/2019 0:45	29.38	82.5	5.65	4.1	SR13	9/26/2019 6:45	29.37	76.3	5.24	5.1	SR13	9/26/2019 12:45	29.47	82.0	5.57	5.8	SR13	9/26/2019 18:45	29.46	80.8	5.51	5.2
SR13	9/26/2019 0:50	29.38	84.6	5.78	4.5	SR13	9/26/2019 6:50	29.37	76.6	5.22	5.3	SR13	9/26/2019 12:50	29.47	82.0	5.60	6.2	SR13	9/26/2019 18:50	29.45	77.6	5.31	5.2
SR13	9/26/2019 0:55	29.38	84.1	5.73	4.2	SR13	9/26/2019 6:55	29.39	77.6	5.32	5.5	SR13	9/26/2019 12:55	29.47	83.3	5.72	7.8	SR13	9/26/2019 18:55	29.45	79.9	5.46	6.0
SR13	9/26/2019 1:00	29.38	83.5	5.69	4.7	SR13	9/26/2019 7:00	29.39	75.7	5.18	4.7	SR13	9/26/2019 13:00	29.47	84.2	5.76	7.2	SR13	9/26/2019 19:00	29.46	79.5	5.44	5.7
SR13	9/26/2019 1:05	29.39	82.3	5.62	3.8	SR13	9/26/2019 7:05	29.39	77.2	5.28	5.3	SR13	9/26/2019 13:05	29.46	82.4	5.63	6.6	SR13	9/26/2019 19:05	29.46	79.6	5.47	4.6
SR13	9/26/2019 1:10	29.38	82.5	5.65	4.0	SR13	9/26/2019 7:10	29.39	76.8	5.28	5.7	SR13	9/26/2019 13:10	29.48	82.9	5.64	5.7	SR13	9/26/2019 19:10	29.46	78.6	5.37	6.4
SR13	9/26/2019 1:15	29.37	81.8	5.57	4.1	SR13	9/26/2019 7:15	29.39	76.9	5.24	4.7	SR13	9/26/2019 13:15	29.47	82.3	5.65	6.0	SR13	9/26/2019 19:15	29.46	79.2	5.41	5.7
SR13	9/26/2019 1:20	29.37	81.7	5.58	4.8	SR13	9/26/2019 7:20	29.37	78.9	5.39	4.9	SR13	9/26/2019 13:20	29.46	83.9	5.76	6.1	SR13	9/26/2019 19:20	29.46	77.4	5.30	5.5
SR13	9/26/2019 1:25	29.37	82.7	5.63	4.9	SR13	9/26/2019 7:25	29.38	77.7	5.30	4.8	SR13	9/26/2019 13:25	29.46	84.7	5.80	6.1	SR13	9/26/2019 19:25	29.46	76.6	5.23	4.9
SR13	9/26/2019 1:30	29.36	81.5	5.58	4.5	SR13	9/26/2019 7:30	29.38	78.6	5.39	4.8	SR13	9/26/2019 13:30	29.47	82.9	5.66	6.6	SR13	9/26/2019 19:30	29.46	80.7	5.50	5.0
SR13	9/26/2019 1:35	29.34	79.9	5.47	4.1	SR13	9/26/2019 7:35	29.38	81.4	5.54	4.6	SR13	9/26/2019 13:35	29.49	83.6	5.70	6.1	SR13	9/26/2019 19:35	29.45	77.9	5.32	4.7
SR13	9/26/2019 1:40	29.36	82.6	5.62	5.1	SR13	9/26/2019 7:40	29.37	81.4	5.59	4.1	SR13	9/26/2019 13:40	29.49	85.1	5.82	6.1	SR13	9/26/2019 19:40	29.43	78.8	5.35	6.2
SR13	9/26/2019 1:45	29.37	82.4	5.65	4.4	SR13	9/26/2019 7:45	29.37	83.5	5.68	4.5	SR13	9/26/2019 13:45	29.50	83.5	5.69	5.5	SR13	9/26/2019 19:45	29.43	78.0	5.35	4.7
SR13	9/26/2019 1:50	29.36	82.0	5.58	4.5	SR13	9/26/2019 7:50	29.38	79.4	5.44	4.6	SR13	9/26/2019 13:50	29.49	83.6	5.73	6.6	SR13	9/26/2019 19:50	29.43	76.6	5.24	5.1
SR13	9/26/2019 1:55	29.36	82.9	5.67	4.4	SR13	9/26/2019 7:55	29.38	81.5	5.58	4.7	SR13	9/26/2019 13:55	29.51	83.8	5.72	5.1	SR13	9/26/2019 19:55	29.43	78.5	5.36	5.5
SR13	9/26/2019 2:00	29.36	81.7	5.58	4.7	SR13	9/26/2019 8:00	29.39	79.7	5.42	4.3	SR13	9/26/2019 14:00	29.53	83.5	5.69	5.1	SR13	9/26/2019 20:00	29.43	75.7	5.20	4.6
SR13	9/26/2019 2:05	29.37	82.7	5.66	4.5	SR13	9/26/2019 8:05	29.39	80.1	5.48	4.8	SR13	9/26/2019 14:05	29.55	80.3	5.49	6.3	SR13	9/26/2019 20:05	29.43	75.1	5.15	5.1
SR13	9/26/2019 2:10	29.37	81.6	5.59	4.4	SR13	9/26/2019 8:10	29.39	79.4	5.43	4.6	SR13	9/26/2019 14:10	29.54	81.1	5.55	9.2	SR13	9/26/2019 20:10	29.42	75.7	5.17	4.6
SR13	9/26/2019 2:15	29.37	81.2	5.54	4.7	SR13	9/26/2019 8:15	29.39	80.2	5.49	4.8	SR13	9/26/2019 14:15	29.55	84.3	5.76	6.5	SR13	9/26/2019 20:15	29.43	76.6	5.23	4.9
SR13	9/26/2019 2:20	29.36	78.5	5.36	4.1	SR13	9/26/2019 8:20	29.39	81.2	5.55	4.8	SR13	9/26/2019 14:20	29.55	83.2	5.67	5.1	SR13	9/26/2019 20:20	29.44	73.4	5.03	4.7
SR13	9/26/2019 2:25	29.35	77.6	5.32	4.4	SR13	9/26/2019 8:25	29.38	81.6	5.57	4.6	SR13	9/26/2019 14:25	29.55	86.0	5.85	5.2	SR13	9/26/2019 20:25	29.44	73.1	4.98	5.1
SR13	9/26/2019 2:30	29.37	79.0	5.40	4.5	SR13	9/26/2019 8:30	29.37	80.5	5.50	4.5	SR13	9/26/2019 14:30	29.60	83.6	5.68	5.2	SR13	9/26/2019 20:30	29.44	73.9	5.07	12.9
SR13	9/26/2019 2:35	29.36	81.7	5.59	4.3	SR13	9/26/2019 8:35	29.38	82.2	5.63	4.4	SR13	9/26/2019 14:35	29.59	86.6	5.92	4.7	SR13	9/26/2019 20:35	29.43	75.4	5.15	4.8
SR13	9/26/2019 2:40	29.37	80.6	5.50	4.9	SR13	9/26/2019 8:40	29.38	81.2	5.53	4.3	SR13	9/26/2019 14:40	29.58	87.1	5.92	5.4	SR13	9/26/2019 20:40	29.43	76.9	5.25	5.2
SR13	9/26/2019 2:45	29.38	81.2	5.57	4.4	SR13	9/26/2019 8:45	29.39	81.0	5.54	4.2	SR13	9/26/2019 14:45	29.57	87.7	5.96	4.2	SR13	9/26/2019 20:45	29.43	75.0	5.12	5.7
SR13	9/26/2019 2:50	29.37	81.5	5.57	4.6	SR13	9/26/2019 8:50	29.39	81.5	5.58	4.8	SR13	9/26/2019 14:50	29.57	86.1	5.86	4.6	SR13	9/26/2019 20:50	29.42	77.9	5.31	5.7
SR13	9/26/2019 2:55	29.38	79.4	5.44	4.7	SR13	9/26/2019 8:55	29.39	81.3	5.55	4.5	SR13	9/26/2019 14:55	29.58	85.5	5.86	4.3	SR13	9/26/2019 20:55	29.42	73.7	5.03	5.3
SR13	9/26/2019 3:00	29.37	79.5	5.45	4.5	SR13	9/26/2019 9:00	29.41	80.9	5.54	4.3	SR13	9/26/2019 15:00	29.56	88.1	6.00	6.0	SR13	9/26/2019 21:00	29.41	75.1	5.13	5.4
SR13	9/26/2019 3:05	29.38	79.3	5.41	4.9	SR13	9/26/2019 9:05	29.41	81.9	5.61	4.6	SR13	9/26/2019 15:05	29.58	88.4	6.00	4.6	SR13	9/26/2019 21:05	29.42	78.4	5.39	5.2
SR13	9/26/2019 3:10	29.38	79.9	5.49	4.8	SR13	9/26/2019 9:10	29.40	82.6	5.65	4.7	SR13	9/26/2019 15:10	29.58	86.9	5.95	4.4	SR13	9/26/2019 21:10	29.42	76.0	5.23	5.0
SR13	9/26/2019 3:15	29.40	79.7	5.45	4.5	SR13	9/26/2019 9:15	29.41	79.6	5.45	4.6	SR13	9/26/2019 15:15	29.58	85.8	5.85	11.6	SR13	9/26/2019 21:15	29.41	74.8	5.13	4.8
SR13	9/26/2019 3:20	29.41	80.2	5.51	4.7	SR13	9/26/2019 9:20	29.41	79.4	5.45	4.7	SR13	9/26/2019 15:20	29.57	85.5	5.85	5.0	SR13	9/26/2019 21:20	29.41	74.5	5.11	4.7
SR13	9/26/2019 3:25	29.41	80.5	5.51	4.8	SR13	9/26/2019 9:25	29.41	82.4	5.63	4.6	SR13	9/26/2019 15:25	29.58	84.4	5.75	5.1	SR13	9/26/2019 21:25	29.40	76.5	5.25	5.4
SR13	9/26/2019 3:30	29.40	80.4	5.48	5.4	SR13	9/26/2019 9:30	29.42	82.8	5.69	4.5	SR13	9/26/2019 15:30	29.55	85.4	5.81	5.1	SR13	9/26/2019 21:30	29.40	77.4	5.31	5.0
SR13	9/26/2019 3:35	29.40	78.8	5.42	4.8	SR13	9/26/2019 9:35	29.42	81.1	5.54	4.8	SR13	9/26/2019 15:35	29.54	86.1	5.87	6.4	SR13	9/26/2019 21:35	29.41	75.5	5.17	5.6
SR13	9/26/2019 3:40	29.40	78.0	5.32	5.3	SR13	9/26/2019 9:40	29.42	83.7	5.72	4.8	SR13	9/26/2019 15:40	29.55	86.5	5.92	6.1	SR13	9/26/2019 21:40	29.39	76.1	5.21	5.2
SR13	9/26/2019 3:45	29.41	80.6	5.50	4.7	SR13	9/26/2019 9:45	29.42	82.1	5.63	4.9	SR13	9/26/2019 15:45	29.56	85.6	5.85	5.1	SR13	9/26/2019 21:45	29.38	76.2	5.20	4.4
SR13	9/26/2019 3:50	29.40	80.5	5.48	4.1	SR13	9/26/2019 9:50	29.44	83.5	5.69	4.7	SR13	9/26/2019 15:50	29.61	84.1	5.75	4.9	SR13	9/26/2019 21:50	29.39	76.9	5.27	5.3
SR13	9/26/2019 3:55	29.41	80.2	5.50	4.7	SR13	9/26/2019 9:55	29.46	81.0	5.52	4.0	SR13	9/26/2019 15:55	29.57	85.0	5.77	5.0	SR13	9/26/2019 21:55	29.38	78.8	5.35	4.5
SR13	9/26/2019 4:00	29.41	78.5	5.37	5.2	SR13	9/26/2019 10:00	29.45	82.4	5.63	5.0	SR13	9/26/2019 16:00	29.54	83.4	5.69	4.3	SR13	9/26/2019 22:00	29.38	78.3	5.36	6.2
SR13	9/26/2019 4:05	29.40	80.5	5.49	4.8	SR13	9/26/2019 10:05	29.45	81.4	5.57	5.4	SR13	9/26/2019 16:05	29.58	84.3	5.77	4.0	SR13	9/26/2019 22:05	29.37	79.8	5.45	4.7
SR13	9/26/2019 4:10	29.40	78.3	5.35	4.5	SR13	9/26/2019 10:10	29.44	82.7	5.65	5.7	SR13	9/26/2019 16:10	29.58	82.9	5.63	4.6	SR13	9/26/2019 22:10	29.36	77.4	5.30	4.4
SR13	9/26/2019 4:15	29.40	77.5	5.31	4.4	SR13	9/26/2019 10:15	29.45	79.8	5.46	6.2	SR13	9/26/2019 16:15	29.58	82.9	5.66	4.6	SR13	9/26/2019 22:15	29.36	78.8	5.40	5.1
SR13	9/26/2019 4:20	29.40	78.0	5.34	4.6	SR13	9/26/2019 10:20	29.46	81.5	5.59	5.2	SR13	9/26/2019 16:20	29.56	84.7	5.81	6.2	SR13	9/26/2019 22:20	29.35	78.8	5.37	4.7
SR13	9/26/2019 4:25	29.39	78.7	5.39	4.4	SR13	9/26/2019 10:25	29.48	81.2	5.55	5.3	SR13	9/26/2019 16:25	29.56	83.8	5.72	4.9	SR13	9/26/2019 22:25	29.34	74.2	5.09	4.8
SR13	9/26/2019 4:30	29.38	77.8	5.35	4.3	SR13	9/26/2019 10:30	29.48	82.7	5.65	5.4	SR13	9/26/2019 16:30	29.56	84.0	5.75	5.2	SR13	9/26/2019 22:30	29.35	75.2	5.16	5.0
SR13	9/26/2019 4:35	29.38	79.3	5.43	4.8	SR13	9/26/2019 10:35	29.49	81.4	5.59	4.7	SR13	9/26/2019 16:35	29.57	83.9	5.70	4.8	SR13	9/26/2019 22:35	29.35	76.3	5.20	5.1
SR13	9/26/2019 4:40	29.39	77.4	5.29	4.4	SR13	9/26/2019 10:40	29.50	81.2	5.56	5.1	SR13	9/26/2019 16:40	29.58	83.9	5.70	4.8	SR13	9/26/2019 22:40	29.34	77.0	5.24	4.8
SR13	9/26/2019 4:45	29.39	76.1	5.23	4.3	SR13	9/26/2019 10:45	29.48	80.9	5.53	4.5	SR13	9/26/2019 16:45	29.58	82.2	5.60	4.7	SR13	9/26/2019 22:45	29.36	78.7	5.39	4.3
SR13	9/26/2019 4:50	29.39	77.9	5.35	4.5	SR13	9/26/2019 10:50	29.50	81.2	5.54	4.8	SR13	9/26/2019 16:50	29.57	83.5	5.73	4.8	SR13	9/26/2019 22:50	29.35	79.3	5.42	4.9
SR13	9/26/2019 4:55	29.39	76.2	5.20	4.5	SR13	9/26/2019 10:55	29.48	79.1	5.43	5.1	SR13	9/26/2019 16:55	29.55	81.2	5.55	5.1	SR13	9/26/2019 22:55	29.35	77.2	5.27	4.8
SR13	9/26/2019 5:00	29.40	78.7	5.38	5.7	SR13	9/26/2019 11:00	29.48	78.2	5.35	5.2	SR13	9/26/2019 17:00	29.55	81.7	5.61	5.0	SR13	9/26/2019 23:00	29.34	78.6	5.37	4.8
SR13	9/26/2019 5:05	29.41	78.6	5.36	4.9	SR13	9/26/2019 11:05	29.49	81.6	5.60	5.2	SR13	9/26/2019 17:05	29.54	81.0	5.55	4.9	SR13	9/26/2019 23:05	29.34	78.9	5.40	5.0
SR13	9/26/2019 5:10	29.40	76.2	5.21	8.3	SR13	9/26/2019 11:10	29.48	81.3	5.54	5.1	SR13	9/26/2019 17:10	29.54	83.2	5.68	5.0	SR13	9/26/2019 23:10	29.34	79.5	5.43	4.8
SR13	9/26/2019 5:15	29.40	78.1	5.32	4.8	SR13	9/26/2019 11:15	29.47	81.3	5.57	5.1	SR13	9/26/2019 17:15	29.54	81.1	5.53	5.7	SR13	9/26/2019 23:15	29.33	78.8	5.42	4.7
SR13	9/26/2019 5:20	29.40	74.3	5.11	4.6	SR13	9/26/2019 11:20	29.47	82.3	5.65	6.3	SR13	9/26/2019 17:20	29.53	82.8	5.64	4.9	SR13	9/26/2019 23:20	29.33	78.5	5.37	4.8
SR13	9/26/2019 5:25	29.41	76.9	5.26	4.7	SR13	9/26/2019 11:25	29.48	79.2	5.40	5.0	SR13	9/26/2019 17:25	29.52	81.0	5.51	5.2	SR13	9/26/2019 23:25	29.33	79.8	5.43	4.4
SR13	9/26/2019 5:30	29.40	76.1	5.22	4.3	SR13	9/26/2019 11:30	29.50	81.8	5.58	6.0	SR13	9/26/2019 17:30	29.52	82.8	5.64	5.2	SR13	9/26/2019 23:30	29.34	80.6	5.50	5.3
SR13	9/26/2019 5:35	29.40	74.6	5.09	4.6	SR13	9/26/2019 11:35	29.51	81.8	5.59	**15.7**	SR13	9/26/2019 17:35	29.51	82.5	5.64	4.7	SR13	9/26/2019 23:35	29.34	78.6	5.39	5.0
SR13	9/26/2019 5:40	29.40	76.2	5.23	4.3	SR13	9/26/2019 11:40	29.53	79.6	5.43	5.4	SR13	9/26/2019 17:40	29.50	81.5	5.57	5.1	SR13	9/26/2019 23:40	29.32	80.5	5.50	5.1
SR13	9/26/2019 5:45	29.40	77.6	5.34	5.1	SR13	9/26/2019 11:45	29.51	81.3	5.56	5.5	SR13	9/26/2019 17:45	29.47	80.3	5.47	5.0	SR13	9/26/2019 23:45	29.33	78.3	5.36	5.6
SR13	9/26/2019 5:50	29.39	78.2	5.33	5.1	SR13	9/26/2019 11:50	29.52	81.0	5.55	5.0	SR13	9/26/2019 17:50	29.49	80.6	5.51	5.7	SR13	9/26/2019 23:50	29.32	79.7	5.44	5.1
SR13	9/26/2019 5:55	29.39	75.9	5.18	4.8	SR13	9/26/2019 11:55	29.51	81.3	5.59	5.0	SR13	9/26/2019 17:55	29.48	81.5	5.57	5.3	SR13	9/26/2019 23:55	29.33	77.6	5.31	4.0

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	9/26/2019 0:17	0.29				SR12	9/26/2019 0:17	0.26			
SR4	9/26/2019 0:37	0.28				SR12	9/26/2019 0:37	0.28			
SR4	9/26/2019 0:57	0.29				SR12	9/26/2019 0:57	0.28			
SR4	9/26/2019 1:17	0.27				SR12	9/26/2019 1:17	0.27			
SR4	9/26/2019 1:37	0.27				SR12	9/26/2019 1:37	0.27			
SR4	9/26/2019 1:57	0.29				SR12	9/26/2019 1:57	0.29			
SR4	9/26/2019 2:17	0.28				SR12	9/26/2019 2:17	0.29			
SR4	9/26/2019 2:37	0.27				SR12	9/26/2019 2:37	0.29			
SR4	9/26/2019 2:57	0.29				SR12	9/26/2019 2:57	0.29			
SR4	9/26/2019 3:17	0.29				SR12	9/26/2019 3:17	0.27			
SR4	9/26/2019 3:37	0.29				SR12	9/26/2019 3:37	0.28			
SR4	9/26/2019 3:57	0.27				SR12	9/26/2019 3:57	0.27			
SR4	9/26/2019 4:17	0.27				SR12	9/26/2019 4:17	0.27			
SR4	9/26/2019 4:37	0.29				SR12	9/26/2019 4:37	0.29			
SR4	9/26/2019 4:57	0.29				SR12	9/26/2019 4:57	0.27			
SR4	9/26/2019 5:17	0.29				SR12	9/26/2019 5:17	0.29			
SR4	9/26/2019 5:37	0.29				SR12	9/26/2019 5:37	0.27			
SR4	9/26/2019 5:57	0.31				SR12	9/26/2019 5:57	0.28			
SR4						SR12					
SR4	9/26/2019 6:37	0.29				SR12	9/26/2019 6:37	0.28			
SR4	9/26/2019 6:57	0.30				SR12	9/26/2019 6:57	0.27			
SR4	9/26/2019 7:17	0.31				SR12	9/26/2019 7:17	0.27			
SR4	9/26/2019 7:37	0.30				SR12	9/26/2019 7:37	0.27			
SR4	9/26/2019 7:57	0.29				SR12	9/26/2019 7:57	0.29			
SR4	9/26/2019 8:17	0.29				SR12	9/26/2019 8:17	0.27			
SR4	9/26/2019 8:37	0.29				SR12	9/26/2019 8:37	0.29			
SR4	9/26/2019 8:57	0.28				SR12	9/26/2019 8:57	0.30			
SR4	9/26/2019 9:17	0.26				SR12	9/26/2019 9:17	0.31			
SR4	9/26/2019 9:37	0.29				SR12	9/26/2019 9:37	0.33			
SR4	9/26/2019 9:57	0.29				SR12	9/26/2019 9:57	0.31			
SR4	9/26/2019 10:17	0.27				SR12	9/26/2019 10:17	0.30			
SR4	9/26/2019 10:37	0.26				SR12	9/26/2019 10:37	0.31			
SR4	9/26/2019 10:57	0.27				SR12	9/26/2019 10:57	0.32			
SR4	9/26/2019 11:17	0.26				SR12	9/26/2019 11:17	0.33			
SR4	9/26/2019 11:37	0.27				SR12	9/26/2019 11:37	0.30			
SR4	9/26/2019 11:57	0.27				SR12	9/26/2019 11:57	0.32			
SR4	9/26/2019 12:17	0.27				SR12	9/26/2019 12:17	0.32			
SR4	9/26/2019 12:37	0.26				SR12	9/26/2019 12:37	0.34			
SR4	9/26/2019 12:57	0.28				SR12	9/26/2019 12:57	0.31			
SR4	9/26/2019 13:17	0.28				SR12	9/26/2019 13:17	0.32			
SR4	9/26/2019 13:37	0.27				SR12	9/26/2019 13:37	0.32			
SR4	9/26/2019 13:57	0.26				SR12	9/26/2019 13:57	0.33			
SR4	9/26/2019 14:17	0.27				SR12	9/26/2019 14:17	0.33			
SR4	9/26/2019 14:37	0.26				SR12	9/26/2019 14:37	0.35			
SR4	9/26/2019 14:57	0.27				SR12	9/26/2019 14:57	0.34			
SR4	9/26/2019 15:17	0.25				SR12	9/26/2019 15:17	0.32			
SR4	9/26/2019 15:37	0.27				SR12	9/26/2019 15:37	0.30			
SR4	9/26/2019 15:57	0.25				SR12	9/26/2019 15:57	0.33			
SR4	9/26/2019 16:17	0.27				SR12	9/26/2019 16:17	0.32			
SR4	9/26/2019 16:37	0.25				SR12	9/26/2019 16:37	0.34			
SR4	9/26/2019 16:57	0.27				SR12	9/26/2019 16:57	0.35			
SR4	9/26/2019 17:17	0.27				SR12	9/26/2019 17:17	0.33			
SR4	9/26/2019 17:37	0.24				SR12	9/26/2019 17:37	0.35			
SR4	9/26/2019 17:57	0.25				SR12	9/26/2019 17:57	0.35			
SR4	9/26/2019 18:17	0.26				SR12	9/26/2019 18:17	0.33			
SR4	9/26/2019 18:37	0.25				SR12	9/26/2019 18:37	0.34			
SR4	9/26/2019 18:57	0.24				SR12	9/26/2019 18:57	0.33			
SR4	9/26/2019 19:17	0.25				SR12	9/26/2019 19:17	0.34			
SR4	9/26/2019 19:37	0.26				SR12	9/26/2019 19:37	0.34			
SR4	9/26/2019 19:57	0.24				SR12	9/26/2019 19:57	0.33			
SR4	9/26/2019 20:17	0.25				SR12	9/26/2019 20:17	0.34			
SR4	9/26/2019 20:37	0.24				SR12	9/26/2019 20:37	0.35			
SR4	9/26/2019 20:57	0.25				SR12	9/26/2019 20:57	0.34			
SR4	9/26/2019 21:17	0.25				SR12	9/26/2019 21:17	0.36			
SR4	9/26/2019 21:37	0.25				SR12	9/26/2019 21:37	0.36			
SR4	9/26/2019 21:57	0.24				SR12	9/26/2019 21:57	0.36			
SR4	9/26/2019 22:17	0.24				SR12	9/26/2019 22:17	0.35			
SR4	9/26/2019 22:37	0.24				SR12	9/26/2019 22:37	0.38			
SR4	9/26/2019 22:57	0.25				SR12	9/26/2019 22:57	0.38			
SR4	9/26/2019 23:17	0.25				SR12	9/26/2019 23:17	0.37			
SR4	9/26/2019 23:37	0.25				SR12	9/26/2019 23:37	0.37			
SR4	9/26/2019 23:57	0.25				SR12	9/26/2019 23:57	0.38			

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 12:55-13:20.

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	9/27/2019 0:01	29.02	74.4	4.93	2.5	SR4	9/27/2019 6:01	28.96	71.6	4.81	3.8	SR4	9/27/2019 12:01	29.20	69.7	4.66	5.8	SR4	9/27/2019 18:01	29.14	77.6	5.05	9.3
SR4	9/27/2019 0:06	29.02	73.4	4.92	3.1	SR4	9/27/2019 6:06	28.98	75.1	4.99	7.0	SR4						SR4	9/27/2019 18:06	29.14	75.4	4.91	8.0
SR4	9/27/2019 0:11	29.01	74.5	4.93	3.3	SR4	9/27/2019 6:11	28.97	72.5	4.84	5.5	SR4						SR4	9/27/2019 18:11	29.13	74.3	4.84	6.1
SR4	9/27/2019 0:16	28.99	74.3	4.95	2.4	SR4	9/27/2019 6:16	28.98	73.2	4.82	7.0	SR4						SR4	9/27/2019 18:16	29.13	74.9	4.88	7.6
SR4	9/27/2019 0:21	29.00	74.8	4.91	2.2	SR4	9/27/2019 6:21	28.98	72.5	4.85	5.6	SR4						SR4	9/27/2019 18:21	29.13	75.8	4.94	**16.1**
SR4	9/27/2019 0:26	28.93	72.8	4.81	2.7	SR4	9/27/2019 6:26	28.98	73.5	4.86	6.5	SR4						SR4	9/27/2019 18:26	29.12	77.1	5.03	6.7
SR4	9/27/2019 0:31	28.97	65.9	4.31	1.7	SR4	9/27/2019 6:31	28.98	71.6	4.74	5.1	SR4						SR4	9/27/2019 18:31	29.11	89.1	5.90	5.5
SR4	9/27/2019 0:36	28.97	68.6	4.59	1.9	SR4	9/27/2019 6:36	28.98	73.5	4.81	4.7	SR4						SR4	9/27/2019 18:36	29.13	89.5	5.84	7.9
SR4	9/27/2019 0:41	28.96	72.9	4.88	4.9	SR4	9/27/2019 6:41	28.99	75.0	5.03	7.6	SR4						SR4	9/27/2019 18:41	29.12	85.5	5.68	5.3
SR4	9/27/2019 0:46	28.96	76.5	5.13	4.8	SR4	9/27/2019 6:46	28.98	74.7	4.98	5.2	SR4						SR4	9/27/2019 18:46	29.13	86.6	5.69	5.8
SR4	9/27/2019 0:51	28.97	72.4	4.80	1.8	SR4	9/27/2019 6:51	28.98	75.6	4.95	5.4	SR4						SR4	9/27/2019 18:51	29.13	84.5	5.56	4.1
SR4	9/27/2019 0:56	28.98	77.0	5.05	2.7	SR4	9/27/2019 6:56	28.98	72.6	4.84	4.8	SR4						SR4	9/27/2019 18:56	29.13	84.7	5.58	5.7
SR4	9/27/2019 1:01	28.98	74.7	4.91	2.0	SR4	9/27/2019 7:01	28.98	73.2	4.82	4.4	SR4						SR4	9/27/2019 19:01	29.12	85.4	5.63	7.6
SR4	9/27/2019 1:06	28.97	74.3	4.97	2.5	SR4	9/27/2019 7:06	28.98	72.2	4.79	5.3	SR4						SR4	9/27/2019 19:06	29.13	83.8	5.56	4.4
SR4	9/27/2019 1:11	28.97	76.4	5.04	3.8	SR4	9/27/2019 7:11	28.99	72.5	4.83	5.7	SR4	9/27/2019 13:11	29.12	76.2	5.02	7.7	SR4	9/27/2019 19:11	29.12	83.2	5.45	4.2
SR4	9/27/2019 1:16	28.96	79.7	5.23	3.5	SR4	9/27/2019 7:16	28.99	71.8	4.81	4.9	SR4	9/27/2019 13:16	29.09	76.7	5.10	9.5	SR4	9/27/2019 19:16	29.12	84.2	5.51	4.8
SR4	9/27/2019 1:21	28.96	76.3	5.09	4.1	SR4	9/27/2019 7:21	28.98	75.0	4.95	5.4	SR4	9/27/2019 13:21	29.10	76.8	5.02	7.1	SR4	9/27/2019 19:21	29.12	83.4	5.51	7.1
SR4	9/27/2019 1:26	28.96	75.5	5.06	5.9	SR4	9/27/2019 7:26	29.00	75.5	4.96	4.0	SR4	9/27/2019 13:26	29.10	76.7	5.04	5.8	SR4	9/27/2019 19:26	29.12	81.4	5.40	4.4
SR4	9/27/2019 1:31	28.95	77.2	5.17	2.7	SR4	9/27/2019 7:31	29.00	71.7	4.81	4.8	SR4	9/27/2019 13:31	29.10	76.6	5.04	8.2	SR4	9/27/2019 19:31	29.11	81.1	5.43	5.9
SR4	9/27/2019 1:36	28.95	77.7	5.17	2.6	SR4	9/27/2019 7:36	29.00	71.0	4.69	4.7	SR4	9/27/2019 13:36	29.10	77.9	5.20	7.0	SR4	9/27/2019 19:36	29.11	80.3	5.28	4.3
SR4	9/27/2019 1:41	28.93	76.3	5.12	2.6	SR4	9/27/2019 7:41	29.00	72.2	4.81	6.4	SR4	9/27/2019 13:41	29.10	79.1	5.18	5.6	SR4	9/27/2019 19:41	29.11	79.4	5.25	6.5
SR4	9/27/2019 1:46	28.93	76.7	5.12	2.3	SR4	9/27/2019 7:46	29.00	71.1	4.72	4.8	SR4	9/27/2019 13:46	29.11	78.6	5.24	7.0	SR4	9/27/2019 19:46	29.11	79.4	5.31	4.3
SR4	9/27/2019 1:51	28.94	76.5	5.08	2.9	SR4	9/27/2019 7:51	29.00	73.9	4.96	5.7	SR4	9/27/2019 13:51	29.12	78.3	5.21	6.1	SR4	9/27/2019 19:51	29.11	82.9	5.41	4.5
SR4	9/27/2019 1:56	28.95	78.8	5.21	4.4	SR4	9/27/2019 7:56	28.97	80.6	5.30	4.6	SR4	9/27/2019 13:56	29.12	83.9	5.50	8.8	SR4	9/27/2019 19:56	29.11	82.2	5.51	6.0
SR4	9/27/2019 2:01	28.88	69.2	4.57	2.5	SR4	9/27/2019 8:01	28.98	81.6	5.34	4.1	SR4	9/27/2019 14:01	29.15	77.9	5.09	6.2	SR4	9/27/2019 20:01	29.11	83.1	5.49	5.8
SR4	9/27/2019 2:06	28.90	68.5	4.54	1.5	SR4	9/27/2019 8:06	28.98	79.7	5.29	3.9	SR4	9/27/2019 14:06	29.19	77.5	5.07	4.8	SR4	9/27/2019 20:06	29.11	81.5	5.37	5.2
SR4	9/27/2019 2:11	28.94	77.3	5.09	2.8	SR4	9/27/2019 8:11	28.99	79.2	5.29	3.6	SR4	9/27/2019 14:11	29.18	75.8	5.05	4.1	SR4	9/27/2019 20:11	29.11	77.7	5.18	5.4
SR4	9/27/2019 2:16	28.93	74.7	4.99	2.7	SR4	9/27/2019 8:16	29.00	79.7	5.31	4.4	SR4	9/27/2019 14:16	29.14	78.6	5.14	5.8	SR4	9/27/2019 20:16	29.11	81.3	5.32	4.9
SR4	9/27/2019 2:21	28.93	75.5	5.07	2.5	SR4	9/27/2019 8:21	29.00	81.9	5.40	3.8	SR4	9/27/2019 14:21	29.15	78.0	5.09	4.3	SR4	9/27/2019 20:21	29.10	77.9	5.23	4.3
SR4	9/27/2019 2:26	28.93	77.3	5.09	2.7	SR4	9/27/2019 8:26	29.00	78.5	5.27	3.5	SR4	9/27/2019 14:26	29.18	78.5	5.23	5.5	SR4	9/27/2019 20:26	29.11	78.0	5.20	4.7
SR4	9/27/2019 2:31	28.94	78.4	5.12	2.8	SR4	9/27/2019 8:31	29.01	81.8	5.39	4.5	SR4	9/27/2019 14:31	29.16	80.8	5.37	7.1	SR4	9/27/2019 20:31	29.10	80.6	5.27	5.7
SR4	9/27/2019 2:36	28.94	77.4	5.18	3.5	SR4	9/27/2019 8:36	29.01	80.9	5.32	3.8	SR4	9/27/2019 14:36	29.17	81.4	5.34	6.1	SR4	9/27/2019 20:36	29.10	82.1	5.36	6.0
SR4	9/27/2019 2:41	28.94	78.2	5.24	3.4	SR4	9/27/2019 8:41	29.01	80.4	5.37	3.7	SR4	9/27/2019 14:41	29.15	77.3	5.09	9.4	SR4	9/27/2019 20:41	29.10	81.3	5.40	4.8
SR4	9/27/2019 2:46	28.94	75.7	5.08	2.7	SR4	9/27/2019 8:46	29.01	81.5	5.39	4.9	SR4	9/27/2019 14:46	29.16	75.0	4.97	6.4	SR4	9/27/2019 20:46	29.10	77.1	5.13	3.7
SR4	9/27/2019 2:51	28.94	76.8	5.15	3.3	SR4	9/27/2019 8:51	29.02	81.5	5.38	4.1	SR4	9/27/2019 14:51	29.16	73.9	4.87	4.2	SR4	9/27/2019 20:51	29.09	78.0	5.18	4.5
SR4	9/27/2019 2:56	28.97	77.5	5.18	4.8	SR4	9/27/2019 8:56	29.03	79.8	5.31	3.2	SR4	9/27/2019 14:56	29.15	71.4	4.80	4.6	SR4	9/27/2019 20:56	29.09	79.2	5.20	3.9
SR4	9/27/2019 3:01	28.96	77.4	5.06	3.9	SR4	9/27/2019 9:01	29.03	78.8	5.19	2.9	SR4	9/27/2019 15:01	29.20	75.9	5.03	5.9	SR4	9/27/2019 21:01	29.09	76.9	5.13	5.1
SR4	9/27/2019 3:06	28.96	75.9	5.06	3.6	SR4	9/27/2019 9:06	29.03	81.4	5.46	3.8	SR4	9/27/2019 15:06	29.21	77.4	5.14	6.4	SR4	9/27/2019 21:06	29.09	76.2	5.09	3.9
SR4	9/27/2019 3:11	28.98	76.6	5.15	4.2	SR4	9/27/2019 9:11	29.03	79.5	5.27	3.9	SR4	9/27/2019 15:11	29.22	73.7	4.91	3.4	SR4	9/27/2019 21:11	29.08	79.7	5.28	4.1
SR4	9/27/2019 3:16	28.99	79.4	5.32	4.3	SR4	9/27/2019 9:16	29.02	80.2	5.28	4.2	SR4	9/27/2019 15:16	29.23	69.3	4.65	3.2	SR4	9/27/2019 21:16	29.08	78.9	5.18	3.2
SR4	9/27/2019 3:21	28.99	81.3	5.35	4.9	SR4	9/27/2019 9:21	29.01	80.8	5.34	4.6	SR4	9/27/2019 15:21	29.21	70.5	4.61	3.2	SR4	9/27/2019 21:21	29.07	79.7	5.21	3.6
SR4	9/27/2019 3:26	28.99	79.2	5.27	5.0	SR4	9/27/2019 9:26	29.02	78.2	5.20	3.3	SR4	9/27/2019 15:26	29.33	79.9	5.30	3.5	SR4	9/27/2019 21:26	29.08	77.2	5.06	4.4
SR4	9/27/2019 3:31	29.00	79.1	5.29	6.9	SR4	9/27/2019 9:31	29.01	77.5	5.20	7.3	SR4	9/27/2019 15:31	29.29	82.2	5.49	3.1	SR4	9/27/2019 21:31	29.08	78.8	5.25	4.5
SR4	9/27/2019 3:36	28.98	78.8	5.21	8.4	SR4	9/27/2019 9:36	29.01	78.4	5.12	4.7	SR4	9/27/2019 15:36	29.29	80.5	5.41	3.4	SR4	9/27/2019 21:36	29.08	80.5	5.35	4.9
SR4	9/27/2019 3:41	28.94	79.1	5.25	3.8	SR4	9/27/2019 9:41	29.02	78.1	5.18	3.9	SR4	9/27/2019 15:41	29.27	79.6	5.34	3.8	SR4	9/27/2019 21:41	29.08	80.4	5.39	3.7
SR4	9/27/2019 3:46	28.93	78.4	5.21	5.4	SR4	9/27/2019 9:46	29.04	78.5	5.21	3.4	SR4	9/27/2019 15:46	29.25	80.6	5.39	4.4	SR4	9/27/2019 21:46	29.07	81.4	5.35	3.6
SR4	9/27/2019 3:51	28.94	79.0	5.30	3.7	SR4	9/27/2019 9:51	29.03	80.3	5.25	4.5	SR4	9/27/2019 15:51	29.29	82.4	5.46	4.8	SR4	9/27/2019 21:51	29.05	86.3	5.64	4.0
SR4	9/27/2019 3:56	28.94	80.8	5.35	3.5	SR4	9/27/2019 9:56	29.03	80.2	5.24	4.5	SR4	9/27/2019 15:56	29.28	81.9	5.43	3.6	SR4	9/27/2019 21:56	29.06	87.2	5.69	5.3
SR4	9/27/2019 4:01	28.94	80.4	5.35	3.9	SR4	9/27/2019 10:01	29.02	76.8	5.15	5.0	SR4	9/27/2019 16:01	29.26	83.1	5.43	3.7	SR4	9/27/2019 22:01	29.06	88.0	5.80	5.8
SR4	9/27/2019 4:06	28.94	81.0	5.29	3.6	SR4	9/27/2019 10:06	29.02	77.1	5.09	3.8	SR4	9/27/2019 16:06	29.27	79.3	5.15	3.4	SR4	9/27/2019 22:06	29.06	86.0	5.71	4.4
SR4	9/27/2019 4:11	28.94	80.7	5.29	3.7	SR4	9/27/2019 10:11	29.01	76.4	5.04	4.4	SR4	9/27/2019 16:11	29.28	81.0	5.26	3.7	SR4	9/27/2019 22:11	29.03	85.4	5.65	5.0
SR4	9/27/2019 4:16	28.96	79.6	5.32	3.9	SR4	9/27/2019 10:16	29.01	76.0	4.98	4.7	SR4	9/27/2019 16:16	29.26	82.7	5.37	3.8	SR4	9/27/2019 22:16	29.04	82.2	5.47	4.2
SR4	9/27/2019 4:21	28.95	77.5	5.13	4.5	SR4	9/27/2019 10:21	29.01	77.5	5.10	4.9	SR4	9/27/2019 16:21	29.25	82.6	5.36	4.0	SR4	9/27/2019 22:21	29.05	82.6	5.53	5.2
SR4	9/27/2019 4:26	28.95	76.6	5.03	4.1	SR4	9/27/2019 10:26	29.01	75.6	4.97	5.1	SR4	9/27/2019 16:26	29.26	82.7	5.37	4.1	SR4	9/27/2019 22:26	29.04	80.3	5.37	2.9
SR4	9/27/2019 4:31	28.97	80.3	5.31	4.6	SR4	9/27/2019 10:31	29.03	78.3	5.13	6.2	SR4	9/27/2019 16:31	29.24	83.8	5.45	4.2	SR4	9/27/2019 22:31	29.04	82.0	5.45	3.2
SR4	9/27/2019 4:36	28.97	80.4	5.37	5.5	SR4	9/27/2019 10:36	29.03	78.3	5.25	5.0	SR4	9/27/2019 16:36	29.24	82.3	5.36	4.3	SR4	9/27/2019 22:36	29.02	84.9	5.64	5.2
SR4	9/27/2019 4:41	28.96	77.1	5.16	4.6	SR4	9/27/2019 10:41	29.04	81.7	5.36	5.4	SR4	9/27/2019 16:41	29.25	84.2	5.48	4.7	SR4	9/27/2019 22:41	29.02	87.2	5.70	3.9
SR4	9/27/2019 4:46	28.97	79.9	5.28	4.6	SR4	9/27/2019 10:46	29.05	82.5	5.39	4.6	SR4	9/27/2019 16:46	29.26	78.5	5.11	5.4	SR4	9/27/2019 22:46	29.02	84.4	5.61	3.4
SR4	9/27/2019 4:51	28.94	75.4	5.05	3.9	SR4	9/27/2019 10:51	29.04	79.1	5.25	4.5	SR4	9/27/2019 16:51	29.26	77.9	5.07	5.2	SR4	9/27/2019 22:51	29.03	84.0	5.58	3.7
SR4	9/27/2019 4:56	28.96	78.8	5.23	5.3	SR4	9/27/2019 10:56	29.05	79.7	5.31	4.4	SR4	9/27/2019 16:56	29.27	76.2	4.96	5.4	SR4	9/27/2019 22:56	29.05	82.5	5.53	3.7
SR4	9/27/2019 5:01	28.96	78.6	5.18	9.2	SR4	9/27/2019 11:01	29.06	82.0	5.43	5.4	SR4	9/27/2019 17:01	29.26	74.8	4.87	5.3	SR4	9/27/2019 23:01	29.04	82.0	5.49	3.3
SR4	9/27/2019 5:06	28.96	78.8	5.20	4.9	SR4	9/27/2019 11:06	29.10	81.5	5.42	4.6	SR4	9/27/2019 17:06	29.27	73.8	4.80	4.4	SR4	9/27/2019 23:06	29.03	83.0	5.48	3.3
SR4	9/27/2019 5:11	28.96	78.6	5.20	5.4	SR4	9/27/2019 11:11	29.11	79.2	5.21	3.9	SR4	9/27/2019 17:11	29.28	72.2	4.70	4.5	SR4	9/27/2019 23:11	29.04	83.8	5.52	3.6
SR4	9/27/2019 5:16	28.94	78.5	5.23	4.1	SR4	9/27/2019 11:16	29.11	78.3	5.16	4.9	SR4	9/27/2019 17:16	29.25	75.1	4.89	7.1	SR4	9/27/2019 23:16	29.03	82.0	5.43	3.3
SR4	9/27/2019 5:21	28.95	78.4	5.13	4.7	SR4	9/27/2019 11:21	29.12	79.1	5.19	3.7	SR4	9/27/2019 17:21	29.23	77.9	5.07	5.7	SR4	9/27/2019 23:21	29.04	82.2	5.47	3.2
SR4	9/27/2019 5:26	28.95	75.2	4.98	3.7	SR4	9/27/2019 11:26	29.09	75.2	5.01	3.5	SR4	9/27/2019 17:26	29.21	80.6	5.24	7.0	SR4	9/27/2019 23:26	29.04	82.0	5.41	3.3
SR4	9/27/2019 5:31	28.95	73.2	4.80	9.9	SR4	9/27/2019 11:31	29.10	77.7	5.21	5.0	SR4	9/27/2019 17:31	29.21	77.8	5.06	7.0	SR4	9/27/2019 23:31	29.04	80.7	5.41	3.2
SR4	9/27/2019 5:36	28.95	76.8	5.13	4.9	SR4	9/27/2019 11:36	29.12	78.1	5.19	3.6	SR4	9/27/2019 17:36	29.15	77.5	5.04	6.9	SR4	9/27/2019 23:36	29.03	80.8	5.40	2.8
SR4	9/27/2019 5:41	28.94	75.2	4.98	3.9	SR4	9/27/2019 11:41	29.14	73.5	4.85	2.8	SR4	9/27/2019 17:41	29.15	78.2	5.09	7.9	SR4	9/27/2019 23:41	29.03	79.1	5.18	2.5
SR4	9/27/2019 5:46	28.95	74.1	4.88	3.7	SR4	9/27/2019 11:46	29.16	73.2	4.79	4.1	SR4	9/27/2019 17:46	29.15	77.6	5.05	**11.0**	SR4	9/27/2019 23:46	29.05	83.3	5.47	3.3
SR4	9/27/2019 5:51	28.95	71.6	4.73	3.3	SR4	9/27/2019 11:51	29.21	71.5	4.74	4.1	SR4	9/27/2019 17:51	29.15	77.3	5.03	7.8	SR4	9/27/2019 23:51	29.05	82.7	5.41	2.9
SR4	9/27/2019 5:56	28.92	72.8	4.79	2.6	SR4	9/27/2019 11:56	29.23	71.4	4.69	3.4	SR4	9/27/2019 17:56	29.14	78.5	5.11	9.8	SR4	9/27/2019 23:56	28.99	81.4	5.41	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	9/27/2019 0:00	29.05	86.0	5.46	7.2	SR5	9/27/2019 6:00	28.88	86.6	5.88	5.7	SR5	9/27/2019 12:00	29.08	89.1	5.66	6.4	SR5	9/27/2019 18:00	29.13	89.1	5.68	6.6
SR5	9/27/2019 0:05	29.04	86.3	5.49	7.1	SR5	9/27/2019 6:05	28.91	86.1	5.85	5.9	SR5	9/27/2019 12:05	29.13	94.0	5.98	5.1	SR5	9/27/2019 18:05	29.12	88.7	5.66	5.1
SR5	9/27/2019 0:10	29.04	86.1	5.47	6.1	SR5	9/27/2019 6:10	28.91	86.0	5.83	7.0	SR5	9/27/2019 12:10	29.09	93.2	5.94	4.6	SR5	9/27/2019 18:10	29.13	88.4	5.64	5.7
SR5	9/27/2019 0:15	29.04	86.3	5.49	6.3	SR5	9/27/2019 6:15	28.91	86.1	5.85	6.7	SR5	9/27/2019 12:15	29.09	93.4	5.95	4.9	SR5	9/27/2019 18:15	29.13	88.5	5.65	5.4
SR5	9/27/2019 0:20	29.04	86.1	5.47	5.6	SR5	9/27/2019 6:20	28.98	85.8	5.82	5.5	SR5	9/27/2019 12:20	29.10	94.1	6.00	5.4	SR5	9/27/2019 18:20	29.17	89.6	5.71	7.7
SR5	9/27/2019 0:25	29.04	85.9	5.46	5.8	SR5	9/27/2019 6:25	28.96	85.5	5.80	5.7	SR5	9/27/2019 12:25	29.10	94.9	6.05	5.9	SR5	9/27/2019 18:25	29.13	88.7	5.65	6.6
SR5	9/27/2019 0:30	29.01	86.8	5.52	7.6	SR5	9/27/2019 6:30	28.99	85.1	5.78	7.1	SR5	9/27/2019 12:30	29.13	96.2	6.13	5.8	SR5	9/27/2019 18:30	29.13	88.1	5.62	6.5
SR5	9/27/2019 0:35	29.01	86.9	5.53	6.6	SR5	9/27/2019 6:35	28.98	84.7	5.75	5.7	SR5	9/27/2019 12:35	29.11	94.2	6.00	5.2	SR5	9/27/2019 18:35	29.12	87.6	5.58	5.3
SR5	9/27/2019 0:40	29.00	87.1	5.54	6.7	SR5	9/27/2019 6:40	28.95	84.5	5.74	5.9	SR5	9/27/2019 12:40	29.13	95.6	6.10	6.7	SR5	9/27/2019 18:40	29.12	87.0	5.55	5.5
SR5	9/27/2019 0:45	28.98	87.9	5.59	6.0	SR5	9/27/2019 6:45	28.93	84.2	5.76	6.6	SR5	9/27/2019 12:45	29.12	94.0	5.99	6.1	SR5	9/27/2019 18:45	29.12	86.8	5.53	6.4
SR5	9/27/2019 0:50	28.98	87.6	5.57	6.2	SR5	9/27/2019 6:50	28.93	83.4	5.70	6.9	SR5	9/27/2019 12:50	29.10	93.0	5.92	5.7	SR5	9/27/2019 18:50	29.13	86.6	5.52	5.1
SR5	9/27/2019 0:55	28.99	86.9	5.53	7.6	SR5	9/27/2019 6:55	28.97	83.6	5.68	6.1	SR5	9/27/2019 12:55	29.14	94.4	6.01	7.9	SR5	9/27/2019 18:55	29.12	85.5	5.44	6.2
SR5	9/27/2019 1:00	28.96	87.5	5.57	7.2	SR5	9/27/2019 7:00	28.97	83.2	5.67	6.1	SR5	9/27/2019 13:00	29.14	95.3	6.07	8.0	SR5	9/27/2019 19:00	29.11	85.2	5.42	6.6
SR5	9/27/2019 1:05	28.92	88.3	5.63	5.0	SR5	9/27/2019 7:05	29.00	83.2	5.66	6.3	SR5	9/27/2019 13:05	29.19	96.9	6.17	7.8	SR5	9/27/2019 19:05	29.11	85.3	5.42	6.4
SR5	9/27/2019 1:10	28.97	87.5	5.57	5.8	SR5	9/27/2019 7:10	28.99	82.9	5.61	5.3	SR5	9/27/2019 13:10	29.18	96.2	6.12	8.8	SR5	9/27/2019 19:10	29.11	85.5	5.43	5.2
SR5	9/27/2019 1:15	28.94	88.7	5.65	5.5	SR5	9/27/2019 7:15	28.99	82.6	5.62	5.7	SR5	9/27/2019 13:15	29.17	95.8	6.10	7.0	SR5	9/27/2019 19:15	29.11	84.9	5.39	5.3
SR5	9/27/2019 1:20	28.94	88.4	5.63	5.8	SR5	9/27/2019 7:20	28.96	82.3	5.59	7.1	SR5	9/27/2019 13:20	29.17	94.9	6.05	7.5	SR5	9/27/2019 19:20	29.11	84.7	5.38	6.4
SR5	9/27/2019 1:25	28.94	88.3	5.63	6.0	SR5	9/27/2019 7:25	28.99	82.3	5.61	7.0	SR5	9/27/2019 13:25	29.17	95.5	6.09	8.9	SR5	9/27/2019 19:25	29.11	84.5	5.37	6.9
SR5	9/27/2019 1:30	28.91	88.4	5.63	5.5	SR5	9/27/2019 7:30	28.99	82.6	5.63	6.3	SR5	9/27/2019 13:30	29.17	96.1	6.13	7.3	SR5	9/27/2019 19:30	29.10	84.6	5.37	5.2
SR5	9/27/2019 1:35	28.88	88.6	5.65	5.3	SR5	9/27/2019 7:35	29.00	82.2	5.60	6.6	SR5	9/27/2019 13:35	29.17	95.4	6.08	6.4	SR5	9/27/2019 19:35	29.11	84.6	5.38	5.8
SR5	9/27/2019 1:40	28.90	88.7	5.65	5.9	SR5	9/27/2019 7:40	28.99	82.3	5.58	5.7	SR5	9/27/2019 13:40	29.18	95.2	6.07	7.5	SR5	9/27/2019 19:40	29.11	84.4	5.36	5.3
SR5	9/27/2019 1:45	28.87	89.9	5.74	7.3	SR5	9/27/2019 7:45	28.98	82.1	5.57	6.2	SR5	9/27/2019 13:45	29.17	94.1	6.00	9.6	SR5	9/27/2019 19:45	29.11	84.1	5.34	6.3
SR5	9/27/2019 1:50	28.87	89.6	5.72	4.9	SR5	9/27/2019 7:50	28.95	81.8	5.55	6.4	SR5	9/27/2019 13:50	29.17	93.7	5.98	12.9	SR5	9/27/2019 19:50	29.11	84.0	5.34	6.2
SR5	9/27/2019 1:55	28.86	89.6	5.72	6.2	SR5	9/27/2019 7:55	28.98	82.2	5.55	5.7	SR5	9/27/2019 13:55	29.18	93.5	5.96	9.4	SR5	9/27/2019 19:55	29.11	83.7	5.31	7.3
SR5	9/27/2019 2:00	28.86	89.8	5.73	5.6	SR5	9/27/2019 8:00	29.00	81.7	5.55	6.5	SR5	9/27/2019 14:00	29.17	93.3	5.95	6.1	SR5	9/27/2019 20:00	29.11	83.5	5.30	6.0
SR5	9/27/2019 2:05	28.86	89.7	5.73	5.5	SR5	9/27/2019 8:05	29.00	81.2	5.52	6.6	SR5	9/27/2019 14:05	29.14	92.7	5.91	6.2	SR5	9/27/2019 20:05	29.11	83.3	5.29	6.3
SR5	9/27/2019 2:10	28.87	89.4	5.71	5.3	SR5	9/27/2019 8:10	29.01	81.0	5.47	4.8	SR5	9/27/2019 14:10	29.17	92.8	5.92	5.8	SR5	9/27/2019 20:10	29.10	82.7	5.25	5.2
SR5	9/27/2019 2:15	28.86	89.4	5.71	5.6	SR5	9/27/2019 8:15	29.01	81.1	5.47	5.9	SR5	9/27/2019 14:15	29.17	92.1	5.87	5.7	SR5	9/27/2019 20:15	29.10	82.5	5.24	5.0
SR5	9/27/2019 2:20	28.87	89.3	5.70	5.3	SR5	9/27/2019 8:20	29.00	81.3	5.49	7.5	SR5	9/27/2019 14:20	29.18	92.8	5.92	8.3	SR5	9/27/2019 20:20	29.11	82.6	5.25	6.1
SR5	9/27/2019 2:25	28.86	89.0	5.68	5.6	SR5	9/27/2019 8:25	29.02	81.0	5.50	4.9	SR5	9/27/2019 14:25	29.19	93.1	5.94	5.7	SR5	9/27/2019 20:25	29.11	82.9	5.26	5.8
SR5	9/27/2019 2:30	28.91	88.7	5.66	6.3	SR5	9/27/2019 8:30	29.02	80.8	5.47	6.2	SR5	9/27/2019 14:30	29.19	93.5	5.96	9.2	SR5	9/27/2019 20:30	29.11	82.6	5.25	5.4
SR5	9/27/2019 2:35	28.88	88.5	5.65	5.1	SR5	9/27/2019 8:35	29.02	81.4	5.50	5.8	SR5	9/27/2019 14:35	29.19	93.5	5.96	6.6	SR5	9/27/2019 20:35	29.11	90.6	6.13	5.3
SR5	9/27/2019 2:40	28.82	91.1	5.83	7.0	SR5	9/27/2019 8:40	29.02	82.4	5.60	5.8	SR5	9/27/2019 14:40	29.20	93.2	5.94	7.2	SR5	9/27/2019 20:40	29.10	89.5	6.08	6.7
SR5	9/27/2019 2:45	28.83	91.4	5.84	5.6	SR5	9/27/2019 8:45	29.03	83.8	5.68	6.2	SR5	9/27/2019 14:45	29.19	93.2	5.95	5.7	SR5	9/27/2019 20:45	29.10	89.1	6.01	5.4
SR5	9/27/2019 2:50	28.83	91.0	5.82	6.5	SR5	9/27/2019 8:50	29.03	83.6	5.68	5.3	SR5	9/27/2019 14:50	29.19	93.2	5.94	6.5	SR5	9/27/2019 20:50	29.10	88.8	6.03	5.9
SR5	9/27/2019 2:55	28.83	90.4	5.78	6.0	SR5	9/27/2019 8:55	29.03	84.4	5.75	5.5	SR5	9/27/2019 14:55	29.19	93.4	5.96	7.3	SR5	9/27/2019 20:55	29.10	89.2	6.03	6.1
SR5	9/27/2019 3:00	28.84	90.8	5.81	6.0	SR5	9/27/2019 9:00	29.03	84.6	5.75	7.0	SR5	9/27/2019 15:00	29.20	93.3	5.95	6.1	SR5	9/27/2019 21:00	29.10	88.3	5.98	4.8
SR5	9/27/2019 3:05	28.86	90.9	5.81	6.6	SR5	9/27/2019 9:05	29.03	85.4	5.76	5.1	SR5	9/27/2019 15:05	29.17	93.6	5.97	9.6	SR5	9/27/2019 21:05	29.10	87.8	5.94	6.1
SR5	9/27/2019 3:10	28.83	91.6	5.86	6.5	SR5	9/27/2019 9:10	28.99	85.9	5.80	5.6	SR5	9/27/2019 15:10	29.18	92.6	5.91	6.2	SR5	9/27/2019 21:10	29.10	87.6	5.95	5.8
SR5	9/27/2019 3:15	28.86	90.7	5.79	5.0	SR5	9/27/2019 9:15	29.02	88.1	5.95	4.9	SR5	9/27/2019 15:15	29.18	93.5	5.97	8.2	SR5	9/27/2019 21:15	29.10	88.3	5.96	7.2
SR5	9/27/2019 3:20	28.85	90.2	5.77	6.4	SR5	9/27/2019 9:20	29.02	87.3	5.92	5.5	SR5	9/27/2019 15:20	29.18	94.0	6.00	8.2	SR5	9/27/2019 21:20	29.10	89.2	6.04	5.3
SR5	9/27/2019 3:25	28.84	90.0	5.75	6.2	SR5	9/27/2019 9:25	29.02	88.9	6.04	6.1	SR5	9/27/2019 15:25	29.19	93.9	5.99	6.3	SR5	9/27/2019 21:25	29.10	88.9	6.04	5.3
SR5	9/27/2019 3:30	28.83	88.5	5.66	6.5	SR5	9/27/2019 9:30	29.02	90.2	6.12	6.8	SR5	9/27/2019 15:30	29.18	94.2	6.01	6.8	SR5	9/27/2019 21:30	29.10	89.2	6.06	4.7
SR5	9/27/2019 3:35	28.83	89.8	5.74	6.1	SR5	9/27/2019 9:35	29.03	90.4	6.09	5.1	SR5	9/27/2019 15:35	29.20	94.1	6.00	5.4	SR5	9/27/2019 21:35	29.10	88.9	6.02	5.1
SR5	9/27/2019 3:40	28.83	90.3	5.77	6.7	SR5	9/27/2019 9:40	29.03	91.9	6.24	4.7	SR5	9/27/2019 15:40	29.21	93.2	5.94	5.1	SR5	9/27/2019 21:40	29.10	88.7	5.99	5.2
SR5	9/27/2019 3:45	28.86	89.8	5.74	6.8	SR5	9/27/2019 9:45	29.04	91.3	6.16	5.0	SR5	9/27/2019 15:45	29.21	93.1	5.94	6.0	SR5	9/27/2019 21:45	29.10	88.4	6.01	4.3
SR5	9/27/2019 3:50	28.85	90.2	5.76	5.0	SR5	9/27/2019 9:50	29.04	91.4	6.20	5.2	SR5	9/27/2019 15:50	29.20	93.5	5.96	5.8	SR5	9/27/2019 21:50	29.10	88.6	6.03	5.7
SR5	9/27/2019 3:55	28.90	88.0	5.61	5.5	SR5	9/27/2019 9:55	29.04	90.6	6.12	4.9	SR5	9/27/2019 15:55	29.18	93.9	5.99	4.9	SR5	9/27/2019 21:55	29.10	88.4	5.98	6.3
SR5	9/27/2019 4:00	28.94	87.7	5.59	4.5	SR5	9/27/2019 10:00	29.04	90.6	6.11	5.2	SR5	9/27/2019 16:00	29.18	93.8	5.99	5.9	SR5	9/27/2019 22:00	29.10	88.4	6.00	7.6
SR5	9/27/2019 4:05	28.90	88.3	5.64	6.3	SR5	9/27/2019 10:05	29.04	91.2	6.14	6.7	SR5	9/27/2019 16:05	29.19	93.9	5.99	6.0	SR5	9/27/2019 22:05	29.10	88.5	5.99	4.8
SR5	9/27/2019 4:10	28.91	88.1	5.62	4.5	SR5	9/27/2019 10:10	29.04	90.8	6.12	6.5	SR5	9/27/2019 16:10	29.18	93.9	5.99	6.3	SR5	9/27/2019 22:10	29.10	88.0	5.99	4.8
SR5	9/27/2019 4:15	28.94	87.0	5.54	6.6	SR5	9/27/2019 10:15	29.04	90.4	6.10	7.4	SR5	9/27/2019 16:15	29.18	93.7	5.98	6.3	SR5	9/27/2019 22:15	29.10	88.4	5.98	7.3
SR5	9/27/2019 4:20	28.94	86.8	5.53	5.8	SR5	9/27/2019 10:20	29.04	90.5	6.15	5.6	SR5	9/27/2019 16:20	29.17	93.5	5.97	7.0	SR5	9/27/2019 22:20	29.10	87.7	5.96	6.4
SR5	9/27/2019 4:25	28.93	85.9	5.48	6.4	SR5	9/27/2019 10:25	29.04	91.1	6.17	6.2	SR5	9/27/2019 16:25	29.17	93.6	5.98	5.5	SR5	9/27/2019 22:25	29.09	88.0	5.98	6.3
SR5	9/27/2019 4:30	28.93	85.6	5.46	6.1	SR5	9/27/2019 10:30	29.04	91.9	6.24	4.7	SR5	9/27/2019 16:30	29.17	93.6	5.98	5.3	SR5	9/27/2019 22:30	29.09	87.7	5.93	4.5
SR5	9/27/2019 4:35	28.89	85.2	5.44	7.0	SR5	9/27/2019 10:35	29.03	90.9	6.18	6.0	SR5	9/27/2019 16:35	29.17	92.9	5.93	5.9	SR5	9/27/2019 22:35	29.09	86.8	5.87	5.3
SR5	9/27/2019 4:40	28.91	85.4	5.45	6.7	SR5	9/27/2019 10:40	29.02	91.4	6.16	6.6	SR5	9/27/2019 16:40	29.18	93.0	5.94	4.8	SR5	9/27/2019 22:40	29.09	86.8	5.90	4.9
SR5	9/27/2019 4:45	28.92	85.2	5.43	5.8	SR5	9/27/2019 10:45	29.03	91.0	6.16	6.5	SR5	9/27/2019 16:45	29.17	92.5	5.91	4.1	SR5	9/27/2019 22:45	29.09	86.2	5.84	6.6
SR5	9/27/2019 4:50	28.90	84.6	5.39	7.5	SR5	9/27/2019 10:50	29.03	82.0	5.20	5.9	SR5	9/27/2019 16:50	29.16	91.8	5.86	3.6	SR5	9/27/2019 22:50	29.09	86.2	5.86	6.6
SR5	9/27/2019 4:55	28.92	84.3	5.37	6.1	SR5	9/27/2019 10:55	29.03	83.1	5.27	6.8	SR5	9/27/2019 16:55	29.15	92.1	5.88	5.2	SR5	9/27/2019 22:55	29.04	88.7	6.03	7.1
SR5	9/27/2019 5:00	28.89	84.0	5.36	6.9	SR5	9/27/2019 11:00	29.04	82.9	5.26	5.7	SR5	9/27/2019 17:00	29.14	91.7	5.85	5.1	SR5	9/27/2019 23:00	29.07	89.3	6.03	6.4
SR5	9/27/2019 5:05	28.90	84.0	5.36	5.4	SR5	9/27/2019 11:05	29.03	85.0	5.40	7.3	SR5	9/27/2019 17:05	29.15	91.5	5.84	5.5	SR5	9/27/2019 23:05	29.06	90.0	6.09	6.7
SR5	9/27/2019 5:10	28.88	83.9	5.35	4.6	SR5	9/27/2019 11:10	29.02	85.3	5.41	6.5	SR5	9/27/2019 17:10	29.15	91.6	5.84	6.2	SR5	9/27/2019 23:10	29.05	83.2	5.29	5.8
SR5	9/27/2019 5:15	28.88	83.9	5.35	5.2	SR5	9/27/2019 11:15	29.05	86.4	5.49	6.5	SR5	9/27/2019 17:15	29.13	91.2	5.82	4.2	SR5	9/27/2019 23:15	29.06	82.7	5.25	5.7
SR5	9/27/2019 5:20	28.89	83.8	5.34	5.3	SR5	9/27/2019 11:20	29.07	87.9	5.58	6.6	SR5	9/27/2019 17:20	29.12	90.9	5.80	4.4	SR5	9/27/2019 23:20	29.06	82.8	5.26	6.3
SR5	9/27/2019 5:25	28.84	83.8	5.35	6.5	SR5	9/27/2019 11:25	29.05	87.8	5.58	5.2	SR5	9/27/2019 17:25	29.12	91.0	5.81	3.9	SR5	9/27/2019 23:25	29.06	83.0	5.27	6.6
SR5	9/27/2019 5:30	28.86	84.2	5.37	5.1	SR5	9/27/2019 11:30	29.04	88.1	5.60	6.2	SR5	9/27/2019 17:30	29.13	90.1	5.75	5.9	SR5	9/27/2019 23:30	29.05	82.7	5.25	5.3
SR5	9/27/2019 5:35	28.85	84.0	5.36	6.9	SR5	9/27/2019 11:35	29.02	88.9	5.65	4.4	SR5	9/27/2019 17:35	29.12	89.6	5.72	6.4	SR5	9/27/2019 23:35	29.06	82.9	5.26	6.6
SR5	9/27/2019 5:40	28.87	83.5	5.32	6.2	SR5	9/27/2019 11:40	29.04	89.5	5.69	7.4	SR5	9/27/2019 17:40	29.14	89.2	5.69	6.2	SR5	9/27/2019 23:40	29.05	82.8	5.26	5.8
SR5	9/27/2019 5:45	28.91	82.8	5.27	7.5	SR5	9/27/2019 11:45	29.04	89.8	5.71	5.9	SR5	9/27/2019 17:45	29.14	89.1	5.69	6.3	SR5	9/27/2019 23:45	29.03	83.6	5.32	4.9
SR5	9/27/2019 5:50	28.94	82.0	5.21	5.4	SR5	9/27/2019 11:50	29.06	90.7	5.77	6.4	SR5	9/27/2019 17:50	29.13	89.4	5.71	6.4	SR5	9/27/2019 23:50	29.04	84.4	5.37	6.5
SR5	9/27/2019 5:55	28.88	86.5	5.86	6.7	SR5	9/27/2019 11:55	29.07	90.3	5.74	5.8	SR5	9/27/2019 17:55	29.13	89.5	5.71	6.9	SR5	9/27/2019 23:55	29.04	84.2	5.36	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	9/27/2019 0:01	29.07	83.5	5.61	4.0	SR12	9/27/2019 6:01	29.05	76.0	5.08	4.1	SR12	9/27/2019 12:01	29.09	83.5	5.59	5.4	SR12	9/27/2019 18:01	29.13	79.4	5.31	6.2
SR12	9/27/2019 0:06	29.07	83.8	5.61	4.0	SR12	9/27/2019 6:06	29.05	76.5	5.13	4.2	SR12	9/27/2019 12:06	29.09	84.6	5.69	6.2	SR12	9/27/2019 18:06	29.12	78.3	5.23	5.6
SR12	9/27/2019 0:11	29.06	84.5	5.68	4.0	SR12	9/27/2019 6:11	29.05	77.7	5.20	5.4	SR12	9/27/2019 12:11	29.11	84.1	5.65	5.4	SR12	9/27/2019 18:11	29.12	78.1	5.20	5.9
SR12	9/27/2019 0:16	29.06	83.3	5.60	3.8	SR12	9/27/2019 6:16	29.06	76.1	5.12	4.0	SR12	9/27/2019 12:16	29.09	85.4	5.72	6.5	SR12	9/27/2019 18:16	29.13	78.1	5.23	6.0
SR12	9/27/2019 0:21	29.06	85.9	5.76	4.0	SR12	9/27/2019 6:21	29.04	75.9	5.09	4.2	SR12	9/27/2019 12:21	29.10	84.3	5.67	6.2	SR12	9/27/2019 18:21	29.13	77.1	5.15	5.8
SR12	9/27/2019 0:26	29.06	84.1	5.65	3.9	SR12	9/27/2019 6:26	29.05	76.0	5.11	3.8	SR12	9/27/2019 12:26	29.10	84.2	5.65	6.6	SR12	9/27/2019 18:26	29.12	77.0	5.13	5.0
SR12	9/27/2019 0:31	29.06	84.7	5.69	4.0	SR12	9/27/2019 6:31	29.04	75.5	5.03	3.5	SR12	9/27/2019 12:31	29.10	85.4	5.72	6.7	SR12	9/27/2019 18:31	29.11	75.0	5.00	4.4
SR12	9/27/2019 0:36	29.06	84.7	5.69	4.0	SR12	9/27/2019 6:36	29.05	74.7	5.00	3.7	SR12	9/27/2019 12:36	29.11	85.1	5.73	6.7	SR12	9/27/2019 18:36	29.11	76.1	5.08	4.6
SR12	9/27/2019 0:41	29.07	85.8	5.75	4.0	SR12	9/27/2019 6:41	29.04	74.8	5.01	3.6	SR12	9/27/2019 12:41	29.13	85.8	5.76	7.5	SR12	9/27/2019 18:41	29.12	78.8	5.28	5.7
SR12	9/27/2019 0:46	29.06	86.1	5.76	3.9	SR12	9/27/2019 6:46	29.05	73.3	4.89	3.5	SR12	9/27/2019 12:46	29.13	86.6	5.77	7.9	SR12	9/27/2019 18:46	29.12	79.6	5.31	5.1
SR12	9/27/2019 0:51	29.06	84.3	5.67	4.0	SR12	9/27/2019 6:51	29.05	73.9	4.93	3.9	SR12	9/27/2019 12:51	29.14	85.9	5.77	6.7	SR12	9/27/2019 18:51	29.12	79.0	5.27	4.6
SR12	9/27/2019 0:56	29.06	85.0	5.71	4.4	SR12	9/27/2019 6:56	29.05	75.4	5.05	4.3	SR12	9/27/2019 12:56	29.13	85.1	5.72	7.0	SR12	9/27/2019 18:56	29.11	76.6	5.15	4.1
SR12	9/27/2019 1:01	29.06	84.6	5.68	4.2	SR12	9/27/2019 7:01	29.06	77.5	5.16	4.0	SR12	9/27/2019 13:01	29.12	85.8	5.76	7.9	SR12	9/27/2019 19:01	29.11	78.0	5.19	4.4
SR12	9/27/2019 1:06	29.07	85.5	5.73	4.1	SR12	9/27/2019 7:06	29.04	75.6	5.04	3.9	SR12	9/27/2019 13:06	29.13	86.3	5.77	7.3	SR12	9/27/2019 19:06	29.11	78.1	5.23	4.5
SR12	9/27/2019 1:11	29.06	86.4	5.79	4.1	SR12	9/27/2019 7:11	29.05	75.1	5.04	3.8	SR12	9/27/2019 13:11	29.12	86.6	5.81	6.9	SR12	9/27/2019 19:11	29.11	76.3	5.11	4.0
SR12	9/27/2019 1:16	29.05	86.6	5.79	3.9	SR12	9/27/2019 7:16	29.05	75.4	5.05	4.1	SR12	9/27/2019 13:16	29.13	86.0	5.73	6.7	SR12	9/27/2019 19:16	29.11	76.5	5.13	4.1
SR12	9/27/2019 1:21	29.06	86.9	5.81	4.5	SR12	9/27/2019 7:21	29.05	75.8	5.07	4.3	SR12	9/27/2019 13:21	29.13	85.7	5.73	7.2	SR12	9/27/2019 19:21	29.10	77.3	5.16	4.1
SR12	9/27/2019 1:26	29.06	88.7	5.91	4.2	SR12	9/27/2019 7:26	29.06	74.9	5.04	4.5	SR12	9/27/2019 13:26	29.13	84.7	5.65	7.3	SR12	9/27/2019 19:26	29.11	77.1	5.17	4.3
SR12	9/27/2019 1:31	29.06	87.5	5.85	3.9	SR12	9/27/2019 7:31	29.07	76.1	5.11	5.8	SR12	9/27/2019 13:31	29.12	85.9	5.72	7.6	SR12	9/27/2019 19:31	29.10	76.3	5.09	4.3
SR12	9/27/2019 1:36	29.06	87.0	5.84	4.1	SR12	9/27/2019 7:36	29.07	76.3	5.11	5.7	SR12	9/27/2019 13:36	29.12	85.7	5.71	7.5	SR12	9/27/2019 19:36	29.10	77.6	5.21	4.2
SR12	9/27/2019 1:41	29.07	87.7	5.85	4.1	SR12	9/27/2019 7:41	29.07	76.0	5.08	5.4	SR12	9/27/2019 13:41	29.11	85.4	5.73	7.3	SR12	9/27/2019 19:41	29.10	79.2	5.27	4.4
SR12	9/27/2019 1:46	29.05	87.0	5.80	4.1	SR12	9/27/2019 7:46	29.07	76.3	5.08	5.7	SR12	9/27/2019 13:46	29.10	87.0	5.81	9.5	SR12	9/27/2019 19:46	29.10	78.2	5.21	4.3
SR12	9/27/2019 1:51	29.06	87.8	5.89	3.9	SR12	9/27/2019 7:51	29.07	75.2	5.01	6.4	SR12	9/27/2019 13:51	29.11	86.3	5.75	7.9	SR12	9/27/2019 19:51	29.10	77.4	5.19	4.3
SR12	9/27/2019 1:56	29.05	86.7	5.81	3.9	SR12	9/27/2019 7:56	29.07	76.7	5.11	5.3	SR12	9/27/2019 13:56	29.11	86.7	5.81	9.3	SR12	9/27/2019 19:56	29.11	77.3	5.16	4.6
SR12	9/27/2019 2:01	29.05	87.3	5.83	3.9	SR12	9/27/2019 8:01	29.07	77.4	5.17	5.0	SR12	9/27/2019 14:01	29.11	87.7	5.85	8.2	SR12	9/27/2019 20:01	29.11	76.6	5.11	4.7
SR12	9/27/2019 2:06	29.06	86.3	5.81	4.0	SR12	9/27/2019 8:06	29.08	77.9	5.20	5.4	SR12	9/27/2019 14:06	29.11	88.4	5.93	7.6	SR12	9/27/2019 20:06	29.11	77.0	5.17	4.0
SR12	9/27/2019 2:11	29.05	85.7	5.77	4.0	SR12	9/27/2019 8:11	29.08	77.3	5.20	4.9	SR12	9/27/2019 14:11	29.11	88.4	5.89	7.4	SR12	9/27/2019 20:11	29.10	76.9	5.12	3.5
SR12	9/27/2019 2:16	29.06	87.1	5.80	5.1	SR12	9/27/2019 8:16	29.08	78.7	5.28	4.5	SR12	9/27/2019 14:16	29.11	89.0	5.97	8.1	SR12	9/27/2019 20:16	29.10	75.0	5.03	3.4
SR12	9/27/2019 2:21	29.06	86.2	5.76	3.9	SR12	9/27/2019 8:21	29.09	78.2	5.21	4.4	SR12	9/27/2019 14:21	29.11	89.3	6.01	6.7	SR12	9/27/2019 20:21	29.11	74.8	5.01	3.6
SR12	9/27/2019 2:26	29.05	87.0	5.84	4.0	SR12	9/27/2019 8:26	29.09	79.4	5.32	4.5	SR12	9/27/2019 14:26	29.11	89.3	5.97	7.1	SR12	9/27/2019 20:26	29.12	76.5	5.11	5.0
SR12	9/27/2019 2:31	29.05	85.7	5.71	3.5	SR12	9/27/2019 8:31	29.07	79.6	5.36	4.5	SR12	9/27/2019 14:31	29.12	88.4	5.89	7.0	SR12	9/27/2019 20:31	29.12	75.9	5.08	4.5
SR12	9/27/2019 2:36	29.04	83.1	5.57	3.5	SR12	9/27/2019 8:36	29.07	80.0	5.37	4.3	SR12	9/27/2019 14:36	29.13	88.1	5.92	7.9	SR12	9/27/2019 20:36	29.12	73.7	4.93	3.8
SR12	9/27/2019 2:41	29.04	81.5	5.48	3.6	SR12	9/27/2019 8:41	29.08	80.4	5.37	4.4	SR12	9/27/2019 14:41	29.11	89.5	5.96	7.5	SR12	9/27/2019 20:41	29.11	74.3	4.96	3.7
SR12	9/27/2019 2:46	29.04	81.9	5.48	3.7	SR12	9/27/2019 8:46	29.07	79.8	5.36	4.4	SR12	9/27/2019 14:46	29.11	90.1	6.05	7.6	SR12	9/27/2019 20:46	29.12	73.9	4.92	4.1
SR12	9/27/2019 2:51	29.03	81.7	5.47	3.5	SR12	9/27/2019 8:51	29.09	79.9	5.36	4.5	SR12	9/27/2019 14:51	29.12	90.5	6.04	7.5	SR12	9/27/2019 20:51	29.11	73.4	4.89	4.0
SR12	9/27/2019 2:56	29.06	83.7	5.59	3.9	SR12	9/27/2019 8:56	29.10	79.4	5.32	4.4	SR12	9/27/2019 14:56	29.13	89.6	6.02	7.0	SR12	9/27/2019 20:56	29.11	74.0	4.95	3.6
SR12	9/27/2019 3:01	29.04	83.9	5.60	3.7	SR12	9/27/2019 9:01	29.09	78.1	5.24	4.7	SR12	9/27/2019 15:01	29.13	90.2	6.02	6.1	SR12	9/27/2019 21:01	29.12	75.8	5.07	5.2
SR12	9/27/2019 3:06	29.06	84.8	5.67	3.9	SR12	9/27/2019 9:06	29.10	76.1	5.08	4.7	SR12	9/27/2019 15:06	29.13	89.1	5.97	5.2	SR12	9/27/2019 21:06	29.11	75.7	5.07	4.1
SR12	9/27/2019 3:11	29.06	84.3	5.65	3.9	SR12	9/27/2019 9:11	29.10	76.4	5.13	4.5	SR12	9/27/2019 15:11	29.13	89.2	6.00	5.4	SR12	9/27/2019 21:11	29.12	75.1	5.01	4.1
SR12	9/27/2019 3:16	29.06	84.2	5.65	4.0	SR12	9/27/2019 9:16	29.14	79.9	5.32	4.4	SR12	9/27/2019 15:16	29.12	89.8	5.99	4.9	SR12	9/27/2019 21:16	29.11	74.1	4.96	3.7
SR12	9/27/2019 3:21	29.07	82.7	5.55	4.3	SR12	9/27/2019 9:21	29.12	78.6	5.29	4.1	SR12	9/27/2019 15:21	29.12	88.8	5.95	5.5	SR12	9/27/2019 21:21	29.11	74.0	4.93	3.3
SR12	9/27/2019 3:26	29.07	82.5	5.51	3.9	SR12	9/27/2019 9:26	29.11	79.2	5.28	4.6	SR12	9/27/2019 15:26	29.12	88.8	5.92	5.6	SR12	9/27/2019 21:26	29.11	75.1	5.00	3.5
SR12	9/27/2019 3:31	29.07	81.7	5.45	4.0	SR12	9/27/2019 9:31	29.10	79.9	5.35	4.2	SR12	9/27/2019 15:31	29.13	88.4	5.91	5.3	SR12	9/27/2019 21:31	29.11	74.5	5.01	3.7
SR12	9/27/2019 3:36	29.07	81.1	5.40	4.0	SR12	9/27/2019 9:36	29.11	80.1	5.35	4.6	SR12	9/27/2019 15:36	29.13	87.8	5.88	5.0	SR12	9/27/2019 21:36	29.12	74.5	5.01	3.9
SR12	9/27/2019 3:41	29.06	80.9	5.43	3.8	SR12	9/27/2019 9:41	29.11	79.8	5.36	4.6	SR12	9/27/2019 15:41	29.13	88.5	5.91	5.8	SR12	9/27/2019 21:41	29.12	75.0	5.01	4.1
SR12	9/27/2019 3:46	29.07	82.5	5.51	4.3	SR12	9/27/2019 9:46	29.09	81.2	5.45	4.5	SR12	9/27/2019 15:46	29.13	89.2	5.99	5.5	SR12	9/27/2019 21:46	29.12	75.3	5.03	5.3
SR12	9/27/2019 3:51	29.06	80.1	5.36	3.6	SR12	9/27/2019 9:51	29.07	82.4	5.53	4.7	SR12	9/27/2019 15:51	29.14	88.9	5.97	4.8	SR12	9/27/2019 21:51	29.12	75.6	5.09	4.4
SR12	9/27/2019 3:56	29.07	81.5	5.45	4.6	SR12	9/27/2019 9:56	29.07	82.5	5.53	6.2	SR12	9/27/2019 15:56	29.13	88.7	5.96	4.6	SR12	9/27/2019 21:56	29.13	76.3	5.12	3.9
SR12	9/27/2019 4:01	29.06	80.6	5.41	4.1	SR12	9/27/2019 10:01	29.08	81.1	5.45	4.4	SR12	9/27/2019 16:01	29.14	88.9	5.93	4.4	SR12	9/27/2019 22:01	29.12	75.5	5.05	4.8
SR12	9/27/2019 4:06	29.07	80.3	5.40	4.3	SR12						SR12	9/27/2019 16:06	29.14	89.3	5.95	4.4	SR12	9/27/2019 22:06	29.12	75.7	5.08	4.6
SR12	9/27/2019 4:11	29.07	79.9	5.37	4.5	SR12						SR12	9/27/2019 16:11	29.13	88.4	5.89	4.1	SR12	9/27/2019 22:11	29.12	76.9	5.12	4.8
SR12	9/27/2019 4:16	29.07	79.9	5.37	4.4	SR12						SR12	9/27/2019 16:16	29.13	88.0	5.88	4.5	SR12	9/27/2019 22:16	29.09	76.4	5.13	4.0
SR12	9/27/2019 4:21	29.06	79.1	5.32	3.9	SR12						SR12	9/27/2019 16:21	29.13	87.8	5.85	5.7	SR12	9/27/2019 22:21	29.09	77.8	5.20	4.4
SR12	9/27/2019 4:26	29.06	79.3	5.32	4.3	SR12						SR12	9/27/2019 16:26	29.13	87.2	5.85	4.6	SR12	9/27/2019 22:26	29.11	76.6	5.15	4.5
SR12	9/27/2019 4:31	29.07	80.2	5.35	4.2	SR12						SR12	9/27/2019 16:31	29.13	87.0	5.83	4.7	SR12	9/27/2019 22:31	29.11	75.6	5.07	4.1
SR12	9/27/2019 4:36	29.07	79.1	5.28	4.5	SR12						SR12	9/27/2019 16:36	29.13	86.3	5.79	5.1	SR12	9/27/2019 22:36	29.11	74.7	5.03	4.4
SR12	9/27/2019 4:41	29.05	78.9	5.29	4.4	SR12						SR12	9/27/2019 16:41	29.13	86.7	5.80	5.8	SR12	9/27/2019 22:41	29.10	75.1	5.05	4.2
SR12	9/27/2019 4:46	29.05	78.9	5.29	4.5	SR12						SR12	9/27/2019 16:46	29.13	87.0	5.84	5.1	SR12	9/27/2019 22:46	29.07	78.0	5.21	3.7
SR12	9/27/2019 4:51	29.06	78.8	5.28	4.5	SR12						SR12	9/27/2019 16:51	29.13	86.9	5.85	6.8	SR12	9/27/2019 22:51	29.07	77.5	5.16	3.8
SR12	9/27/2019 4:56	29.05	77.5	5.19	4.1	SR12						SR12	9/27/2019 16:56	29.13	86.7	5.79	6.5	SR12	9/27/2019 22:56	29.06	76.9	5.17	3.8
SR12	9/27/2019 5:01	29.05	77.1	5.17	4.2	SR12						SR12	9/27/2019 17:01	29.13	86.0	5.73	5.9	SR12	9/27/2019 23:01	29.07	77.2	5.15	4.4
SR12	9/27/2019 5:06	29.05	78.0	5.19	5.6	SR12						SR12	9/27/2019 17:06	29.13	84.5	5.65	5.6	SR12	9/27/2019 23:06	29.07	75.1	5.03	3.7
SR12	9/27/2019 5:11	29.05	75.7	5.04	4.0	SR12	9/27/2019 11:11	29.06	82.1	5.47	5.2	SR12	9/27/2019 17:11	29.11	85.0	5.67	5.1	SR12	9/27/2019 23:11	29.09	75.9	5.07	4.3
SR12	9/27/2019 5:16	29.04	76.4	5.13	4.1	SR12	9/27/2019 11:16	29.06	81.5	5.43	5.1	SR12	9/27/2019 17:16	29.12	83.7	5.57	5.1	SR12	9/27/2019 23:16	29.10	75.1	5.03	4.1
SR12	9/27/2019 5:21	29.06	77.2	5.17	4.3	SR12	9/27/2019 11:21	29.05	81.8	5.48	5.2	SR12	9/27/2019 17:21	29.12	82.2	5.49	5.2	SR12	9/27/2019 23:21	29.10	74.6	5.00	4.4
SR12	9/27/2019 5:26	29.04	77.0	5.16	6.6	SR12	9/27/2019 11:26	29.05	82.0	5.52	5.2	SR12	9/27/2019 17:26	29.12	81.9	5.47	4.8	SR12	9/27/2019 23:26	29.10	76.1	5.07	4.3
SR12	9/27/2019 5:31	29.05	77.7	5.17	4.5	SR12	9/27/2019 11:31	29.05	83.7	5.57	5.3	SR12	9/27/2019 17:31	29.12	81.3	5.44	5.0	SR12	9/27/2019 23:31	29.09	78.4	5.25	4.2
SR12	9/27/2019 5:36	29.05	76.3	5.13	4.0	SR12	9/27/2019 11:36	29.05	83.1	5.56	6.9	SR12	9/27/2019 17:36	29.12	81.7	5.44	5.0	SR12	9/27/2019 23:36	29.10	78.8	5.28	4.3
SR12	9/27/2019 5:41	29.05	75.1	5.05	4.1	SR12	9/27/2019 11:41	29.06	82.8	5.57	5.1	SR12	9/27/2019 17:41	29.12	81.6	5.44	5.1	SR12	9/27/2019 23:41	29.09	80.4	5.35	4.4
SR12	9/27/2019 5:46	29.05	75.9	5.08	3.8	SR12	9/27/2019 11:46	29.06	83.1	5.59	5.3	SR12	9/27/2019 17:46	29.13	81.0	5.39	5.4	SR12	9/27/2019 23:46	29.10	78.0	5.20	4.0
SR12	9/27/2019 5:51	29.05	76.6	5.11	4.4	SR12	9/27/2019 11:51	29.07	83.1	5.53	5.0	SR12	9/27/2019 17:51	29.13	80.4	5.39	5.2	SR12	9/27/2019 23:51	29.09	77.5	5.19	3.8
SR12	9/27/2019 5:56	29.06	75.4	5.04	3.8	SR12	9/27/2019 11:56	29.09	83.5	5.61	5.3	SR12	9/27/2019 17:56	29.13	80.1	5.35	5.9	SR12	9/27/2019 23:56	29.09	79.5	5.33	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	9/27/2019 0:00	29.32	78.8	5.40	5.3	SR13	9/27/2019 6:00	29.33	74.3	5.08	5.4	SR13	9/27/2019 12:00	29.51	79.2	5.42	4.9	SR13	9/27/2019 18:00	29.46	76.2	5.18	6.3
SR13	9/27/2019 0:05	29.32	78.9	5.40	4.5	SR13	9/27/2019 6:05	29.33	74.0	5.08	4.6	SR13	9/27/2019 12:05	29.53	78.1	5.35	5.3	SR13	9/27/2019 18:05	29.45	73.7	5.00	5.9
SR13	9/27/2019 0:10	29.32	79.8	5.47	4.0	SR13	9/27/2019 6:10	29.33	75.1	5.12	5.3	SR13	9/27/2019 12:10	29.51	77.7	5.32	5.2	SR13	9/27/2019 18:10	29.44	75.6	5.14	6.5
SR13	9/27/2019 0:15	29.32	79.9	5.46	4.3	SR13	9/27/2019 6:15	29.33	73.1	5.01	5.4	SR13	9/27/2019 12:15	29.52	76.6	5.23	5.9	SR13	9/27/2019 18:15	29.44	74.8	5.08	9.0
SR13	9/27/2019 0:20	29.30	78.0	5.33	4.4	SR13	9/27/2019 6:20	29.33	73.4	5.01	5.4	SR13	9/27/2019 12:20	29.54	77.2	5.27	6.1	SR13	9/27/2019 18:20	29.45	76.7	5.22	6.1
SR13	9/27/2019 0:25	29.32	77.3	5.27	3.7	SR13	9/27/2019 6:25	29.34	72.6	4.96	5.1	SR13	9/27/2019 12:25	29.54	76.3	5.19	5.7	SR13	9/27/2019 18:25	29.44	81.5	5.55	5.8
SR13	9/27/2019 0:30	29.32	76.6	5.26	4.4	SR13	9/27/2019 6:30	29.34	72.8	4.95	5.0	SR13	9/27/2019 12:30	29.51	79.7	5.44	5.3	SR13	9/27/2019 18:30	29.45	80.3	5.44	6.8
SR13	9/27/2019 0:35	29.31	78.4	5.38	5.2	SR13	9/27/2019 6:35	29.32	73.8	5.06	5.8	SR13	9/27/2019 12:35	29.50	77.5	5.31	6.6	SR13	9/27/2019 18:35	29.44	79.7	5.46	5.2
SR13	9/27/2019 0:40	29.31	79.3	5.44	5.6	SR13	9/27/2019 6:40	29.32	74.1	5.06	4.8	SR13	9/27/2019 12:40	29.51	79.2	5.41	6.2	SR13	9/27/2019 18:40	29.44	80.5	5.47	5.8
SR13	9/27/2019 0:45	29.32	78.8	5.39	4.1	SR13	9/27/2019 6:45	29.30	74.3	5.05	5.9	SR13	9/27/2019 12:45	29.50	78.3	5.33	5.6	SR13	9/27/2019 18:45	29.44	77.9	5.31	5.0
SR13	9/27/2019 0:50	29.31	79.8	5.43	4.9	SR13	9/27/2019 6:50	29.30	73.6	5.05	4.9	SR13	9/27/2019 12:50	29.49	78.7	5.38	6.2	SR13	9/27/2019 18:50	29.45	78.5	5.35	5.7
SR13	9/27/2019 0:55	29.31	80.5	5.48	4.6	SR13	9/27/2019 6:55	29.30	73.9	5.04	4.9	SR13	9/27/2019 12:55	29.48	79.1	5.41	6.6	SR13	9/27/2019 18:55	29.44	78.2	5.33	6.2
SR13	9/27/2019 1:00	29.31	79.8	5.46	4.6	SR13	9/27/2019 7:00	29.30	75.8	5.19	5.7	SR13	9/27/2019 13:00	29.48	78.4	5.34	7.3	SR13	9/27/2019 19:00	29.44	78.9	5.39	5.2
SR13	9/27/2019 1:05	29.31	82.1	5.60	4.9	SR13	9/27/2019 7:05	29.30	74.0	5.08	5.5	SR13	9/27/2019 13:05	29.47	79.8	5.44	6.8	SR13	9/27/2019 19:05	29.43	77.9	5.31	5.3
SR13	9/27/2019 1:10	29.30	83.2	5.67	4.8	SR13	9/27/2019 7:10	29.31	74.5	5.12	5.7	SR13	9/27/2019 13:10	29.47	79.1	5.39	7.4	SR13	9/27/2019 19:10	29.42	77.4	5.26	5.6
SR13	9/27/2019 1:15	29.30	80.8	5.54	5.0	SR13	9/27/2019 7:15	29.30	75.3	5.15	5.9	SR13	9/27/2019 13:15	29.48	78.7	5.34	6.9	SR13	9/27/2019 19:15	29.41	76.7	5.23	5.8
SR13	9/27/2019 1:20	29.30	81.9	5.61	5.5	SR13	9/27/2019 7:20	29.32	75.6	5.16	5.1	SR13	9/27/2019 13:20	29.47	78.7	5.37	6.2	SR13	9/27/2019 19:20	29.40	78.1	5.32	5.4
SR13	9/27/2019 1:25	29.29	80.6	5.51	4.0	SR13	9/27/2019 7:25	29.32	75.7	5.19	5.8	SR13	9/27/2019 13:25	29.47	79.0	5.38	8.7	SR13	9/27/2019 19:25	29.39	78.4	5.37	6.1
SR13	9/27/2019 1:30	29.29	80.5	5.51	4.1	SR13	9/27/2019 7:30	29.31	73.0	4.97	6.2	SR13	9/27/2019 13:30	29.47	79.5	5.43	7.6	SR13	9/27/2019 19:30	29.39	76.1	5.18	5.1
SR13	9/27/2019 1:35	29.29	81.3	5.58	3.7	SR13	9/27/2019 7:35	29.30	74.8	5.11	5.9	SR13	9/27/2019 13:35	29.47	80.6	5.49	7.2	SR13	9/27/2019 19:35	29.41	75.7	5.15	5.7
SR13	9/27/2019 1:40	29.28	82.0	5.61	4.5	SR13	9/27/2019 7:40	29.31	75.7	5.18	5.4	SR13	9/27/2019 13:40	29.48	80.0	5.46	7.8	SR13	9/27/2019 19:40	29.42	75.6	5.17	5.5
SR13	9/27/2019 1:45	29.29	80.2	5.49	5.2	SR13	9/27/2019 7:45	29.31	75.2	5.16	6.1	SR13	9/27/2019 13:45	29.48	80.9	5.53	6.6	SR13	9/27/2019 19:45	29.42	78.9	5.37	5.1
SR13	9/27/2019 1:50	29.28	81.1	5.55	5.2	SR13	9/27/2019 7:50	29.30	78.0	5.33	5.0	SR13	9/27/2019 13:50	29.48	82.6	5.61	8.0	SR13	9/27/2019 19:50	29.43	78.5	5.37	5.5
SR13	9/27/2019 1:55	29.27	78.9	5.38	4.4	SR13	9/27/2019 7:55	29.31	77.9	5.30	5.4	SR13	9/27/2019 13:55	29.48	81.1	5.52	7.1	SR13	9/27/2019 19:55	29.41	75.8	5.17	5.1
SR13	9/27/2019 2:00	29.28	76.8	5.24	4.4	SR13	9/27/2019 8:00	29.32	78.0	5.32	5.5	SR13	9/27/2019 14:00	29.49	82.6	5.64	5.6	SR13	9/27/2019 20:00	29.42	78.6	5.37	5.0
SR13	9/27/2019 2:05	29.28	80.1	5.46	4.7	SR13	9/27/2019 8:05	29.31	78.8	5.40	5.1	SR13	9/27/2019 14:05	29.48	80.6	5.51	5.8	SR13	9/27/2019 20:05	29.42	75.7	5.17	5.3
SR13	9/27/2019 2:10	29.27	78.4	5.35	4.4	SR13	9/27/2019 8:10	29.31	79.3	5.44	5.4	SR13	9/27/2019 14:10	29.47	80.2	5.44	6.1	SR13	9/27/2019 20:10	29.42	77.8	5.30	5.6
SR13	9/27/2019 2:15	29.27	78.5	5.38	3.9	SR13	9/27/2019 8:15	29.31	78.9	5.39	4.5	SR13	9/27/2019 14:15	29.48	82.7	5.64	6.3	SR13	9/27/2019 20:15	29.41	77.0	5.29	4.4
SR13	9/27/2019 2:20	29.27	77.5	5.29	4.7	SR13	9/27/2019 8:20	29.31	77.2	5.28	4.8	SR13	9/27/2019 14:20	29.48	80.4	5.47	6.6	SR13	9/27/2019 20:20	29.40	75.3	5.15	4.8
SR13	9/27/2019 2:25	29.27	78.5	5.34	4.5	SR13	9/27/2019 8:25	29.31	78.9	5.39	5.6	SR13	9/27/2019 14:25	29.48	82.5	5.64	7.1	SR13	9/27/2019 20:25	29.40	75.6	5.13	5.8
SR13	9/27/2019 2:30	29.26	78.3	5.36	4.9	SR13	9/27/2019 8:30	29.32	78.8	5.38	5.3	SR13	9/27/2019 14:30	29.49	81.9	5.56	6.6	SR13	9/27/2019 20:30	29.40	78.1	5.31	5.8
SR13	9/27/2019 2:35	29.28	78.7	5.39	4.4	SR13	9/27/2019 8:35	29.32	77.9	5.34	4.5	SR13	9/27/2019 14:35	29.48	80.0	5.45	7.2	SR13	9/27/2019 20:35	29.40	75.7	5.17	4.9
SR13	9/27/2019 2:40	29.28	78.3	5.36	4.5	SR13	9/27/2019 8:40	29.32	79.5	5.44	5.1	SR13	9/27/2019 14:40	29.48	82.2	5.61	6.4	SR13	9/27/2019 20:40	29.40	77.5	5.31	5.1
SR13	9/27/2019 2:45	29.29	81.1	5.57	4.4	SR13	9/27/2019 8:45	29.33	77.4	5.28	5.4	SR13	9/27/2019 14:45	29.49	79.1	5.39	5.5	SR13	9/27/2019 20:45	29.39	77.1	5.28	5.5
SR13	9/27/2019 2:50	29.29	79.1	5.42	5.6	SR13	9/27/2019 8:50	29.33	77.3	5.30	5.3	SR13	9/27/2019 14:50	29.49	79.1	5.43	5.8	SR13	9/27/2019 20:50	29.39	77.4	5.27	4.9
SR13	9/27/2019 2:55	29.29	80.5	5.49	5.4	SR13	9/27/2019 8:55	29.35	78.9	5.38	4.9	SR13	9/27/2019 14:55	29.50	80.6	5.50	6.1	SR13	9/27/2019 20:55	29.38	75.9	5.21	5.2
SR13	9/27/2019 3:00	29.29	78.9	5.41	4.9	SR13	9/27/2019 9:00	29.34	77.9	5.35	4.9	SR13	9/27/2019 15:00	29.50	82.0	5.61	6.0	SR13	9/27/2019 21:00	29.38	74.2	5.07	4.9
SR13	9/27/2019 3:05	29.30	78.9	5.41	4.7	SR13	9/27/2019 9:05	29.34	77.6	5.30	4.8	SR13						SR13	9/27/2019 21:05	29.37	76.8	5.24	5.6
SR13	9/27/2019 3:10	29.32	77.8	5.32	4.9	SR13	9/27/2019 9:10	29.34	79.4	5.42	4.9	SR13						SR13	9/27/2019 21:10	29.37	75.7	5.17	4.7
SR13	9/27/2019 3:15	29.33	80.9	5.51	5.1	SR13	9/27/2019 9:15	29.34	78.4	5.34	5.5	SR13						SR13	9/27/2019 21:15	29.38	76.8	5.24	4.9
SR13	9/27/2019 3:20	29.33	79.6	5.45	4.8	SR13	9/27/2019 9:20	29.35	77.7	5.32	4.8	SR13						SR13	9/27/2019 21:20	29.38	74.4	5.06	4.8
SR13	9/27/2019 3:25	29.34	79.6	5.45	5.6	SR13	9/27/2019 9:25	29.35	79.3	5.44	5.9	SR13	9/27/2019 15:25	29.51	82.2	5.63	5.3	SR13	9/27/2019 21:25	29.38	75.9	5.19	5.8
SR13	9/27/2019 3:30	29.32	78.4	5.35	5.8	SR13	9/27/2019 9:30	29.34	79.1	5.39	5.6	SR13	9/27/2019 15:30	29.52	81.1	5.56	4.5	SR13	9/27/2019 21:30	29.37	76.1	5.21	5.2
SR13	9/27/2019 3:35	29.33	79.9	5.47	5.4	SR13	9/27/2019 9:35	29.33	79.2	5.42	5.3	SR13	9/27/2019 15:35	29.51	83.0	5.70	4.6	SR13	9/27/2019 21:35	29.38	77.8	5.35	5.1
SR13	9/27/2019 3:40	29.32	78.7	5.39	5.5	SR13	9/27/2019 9:40	29.35	78.1	5.35	4.6	SR13	9/27/2019 15:40	29.51	81.2	5.55	5.2	SR13	9/27/2019 21:40	29.37	78.8	5.37	5.4
SR13	9/27/2019 3:45	29.33	78.9	5.42	5.4	SR13	9/27/2019 9:45	29.36	77.9	5.30	4.8	SR13	9/27/2019 15:45	29.51	82.7	5.63	5.6	SR13	9/27/2019 21:45	29.37	77.7	5.29	5.3
SR13	9/27/2019 3:50	29.33	79.7	5.46	5.4	SR13	9/27/2019 9:50	29.35	79.5	5.41	5.3	SR13	9/27/2019 15:50	29.51	81.6	5.56	4.6	SR13	9/27/2019 21:50	29.37	79.0	5.35	5.7
SR13	9/27/2019 3:55	29.33	77.4	5.30	5.4	SR13	9/27/2019 9:55	29.35	79.8	5.47	5.1	SR13	9/27/2019 15:55	29.49	81.0	5.50	5.6	SR13	9/27/2019 21:55	29.35	79.2	5.41	5.5
SR13	9/27/2019 4:00	29.32	79.8	5.44	4.7	SR13	9/27/2019 10:00	29.36	79.0	5.38	5.3	SR13	9/27/2019 16:00	29.50	82.0	5.56	5.0	SR13	9/27/2019 22:00	29.35	79.6	5.43	5.5
SR13	9/27/2019 4:05	29.32	78.5	5.35	5.3	SR13	9/27/2019 10:05	29.37	78.5	5.37	5.1	SR13	9/27/2019 16:05	29.51	82.3	5.60	4.6	SR13	9/27/2019 22:05	29.35	79.0	5.40	5.6
SR13	9/27/2019 4:10	29.34	78.6	5.38	4.7	SR13	9/27/2019 10:10	29.32	77.8	5.29	5.4	SR13	9/27/2019 16:10	29.50	81.0	5.49	5.5	SR13	9/27/2019 22:10	29.35	77.6	5.32	5.1
SR13	9/27/2019 4:15	29.34	77.9	5.32	5.8	SR13	9/27/2019 10:15	29.33	77.7	5.30	4.8	SR13	9/27/2019 16:15	29.51	80.6	5.47	4.8	SR13	9/27/2019 22:15	29.36	77.5	5.32	6.0
SR13	9/27/2019 4:20	29.33	77.1	5.26	4.9	SR13	9/27/2019 10:20	29.33	77.9	5.31	5.6	SR13	9/27/2019 16:20	29.52	82.6	5.60	5.5	SR13	9/27/2019 22:20	29.35	77.5	5.33	5.0
SR13	9/27/2019 4:25	29.34	78.2	5.35	4.7	SR13	9/27/2019 10:25	29.37	80.0	5.44	5.8	SR13	9/27/2019 16:25	29.51	82.5	5.61	5.6	SR13	9/27/2019 22:25	29.33	78.2	5.35	4.5
SR13	9/27/2019 4:30	29.35	78.8	5.40	5.9	SR13	9/27/2019 10:30	29.35	79.9	5.47	5.8	SR13	9/27/2019 16:30	29.52	81.4	5.54	5.3	SR13	9/27/2019 22:30	29.33	78.8	5.38	5.3
SR13	9/27/2019 4:35	29.34	77.5	5.32	5.1	SR13	9/27/2019 10:35	29.37	79.6	5.43	5.4	SR13	9/27/2019 16:35	29.52	83.0	5.63	6.2	SR13	9/27/2019 22:35	29.32	80.1	5.46	5.1
SR13	9/27/2019 4:40	29.34	77.5	5.30	5.1	SR13	9/27/2019 10:40	29.37	79.5	5.42	5.6	SR13	9/27/2019 16:40	29.52	79.1	5.36	5.9	SR13	9/27/2019 22:40	29.32	78.4	5.35	5.2
SR13	9/27/2019 4:45	29.33	76.8	5.25	5.9	SR13	9/27/2019 10:45	29.35	80.1	5.48	5.4	SR13	9/27/2019 16:45	29.51	80.4	5.46	6.1	SR13	9/27/2019 22:45	29.32	77.4	5.29	5.2
SR13	9/27/2019 4:50	29.33	77.7	5.30	5.5	SR13	9/27/2019 10:50	29.36	79.1	5.40	6.0	SR13	9/27/2019 16:50	29.51	79.4	5.39	5.5	SR13	9/27/2019 22:50	29.33	76.9	5.27	5.1
SR13	9/27/2019 4:55	29.33	77.2	5.27	6.0	SR13	9/27/2019 10:55	29.39	80.7	5.51	5.1	SR13	9/27/2019 16:55	29.51	78.2	5.30	5.1	SR13	9/27/2019 22:55	29.33	77.5	5.32	4.5
SR13	9/27/2019 5:00	29.32	77.9	5.32	5.6	SR13	9/27/2019 11:00	29.40	80.7	5.52	5.5	SR13	9/27/2019 17:00	29.52	76.2	5.17	5.7	SR13	9/27/2019 23:00	29.33	77.4	5.29	4.8
SR13	9/27/2019 5:05	29.32	76.8	5.25	6.7	SR13	9/27/2019 11:05	29.41	78.3	5.35	5.4	SR13	9/27/2019 17:05	29.52	77.0	5.24	4.7	SR13	9/27/2019 23:05	29.34	79.0	5.38	4.9
SR13	9/27/2019 5:10	29.31	78.8	5.39	4.7	SR13	9/27/2019 11:10	29.41	79.2	5.38	5.4	SR13	9/27/2019 17:10	29.52	76.2	5.17	6.0	SR13	9/27/2019 23:10	29.33	78.3	5.35	5.4
SR13	9/27/2019 5:15	29.32	78.2	5.34	5.1	SR13	9/27/2019 11:15	29.42	79.0	5.37	5.7	SR13	9/27/2019 17:15	29.51	78.5	5.33	5.9	SR13	9/27/2019 23:15	29.33	79.0	5.41	5.1
SR13	9/27/2019 5:20	29.31	75.7	5.19	5.0	SR13	9/27/2019 11:20	29.42	77.8	5.33	5.5	SR13	9/27/2019 17:20	29.50	79.1	5.37	5.7	SR13	9/27/2019 23:20	29.31	79.8	5.43	5.2
SR13	9/27/2019 5:25	29.32	75.8	5.17	6.7	SR13	9/27/2019 11:25	29.42	80.7	5.55	5.1	SR13	9/27/2019 17:25	29.50	77.3	5.23	6.4	SR13	9/27/2019 23:25	29.30	79.1	5.42	4.8
SR13	9/27/2019 5:30	29.32	77.0	5.27	4.9	SR13	9/27/2019 11:30	29.44	79.3	5.41	4.7	SR13	9/27/2019 17:30	29.48	78.9	5.37	6.6	SR13	9/27/2019 23:30	29.32	79.8	5.48	4.5
SR13	9/27/2019 5:35	29.32	75.5	5.16	4.2	SR13	9/27/2019 11:35	29.49	77.7	5.31	4.5	SR13	9/27/2019 17:35	29.48	76.6	5.20	7.1	SR13	9/27/2019 23:35	29.32	77.5	5.28	4.6
SR13	9/27/2019 5:40	29.33	73.9	5.04	5.0	SR13	9/27/2019 11:40	29.52	78.6	5.36	5.3	SR13	9/27/2019 17:40	29.48	76.0	5.16	8.0	SR13	9/27/2019 23:40	29.32	81.3	5.53	4.7
SR13	9/27/2019 5:45	29.34	75.9	5.20	4.2	SR13	9/27/2019 11:45	29.52	76.9	5.26	5.4	SR13	9/27/2019 17:45	29.47	75.6	5.13	6.6	SR13	9/27/2019 23:45	29.33	80.6	5.49	4.8
SR13	9/27/2019 5:50	29.33	75.0	5.12	4.4	SR13	9/27/2019 11:50	29.53	77.5	5.30	4.7	SR13	9/27/2019 17:50	29.47	78.0	5.29	7.8	SR13	9/27/2019 23:50	29.30	81.4	5.57	4.6
SR13	9/27/2019 5:55	29.34	74.2	5.11	5.1	SR13	9/27/2019 11:55	29.50	77.0	5.28	6.2	SR13	9/27/2019 17:55	29.47	77.3	5.26	6.8	SR13	9/27/2019 23:55	29.32	78.9	5.40	4.7

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	9/27/2019 0:17	0.25				SR12	9/27/2019 0:17	0.39			
SR4	9/27/2019 0:37	0.25				SR12	9/27/2019 0:37	0.37			
SR4	9/27/2019 0:57	0.25				SR12	9/27/2019 0:57	0.32			
SR4	9/27/2019 1:17	0.26				SR12	9/27/2019 1:17	0.29			
SR4	9/27/2019 1:37	0.26				SR12	9/27/2019 1:37	0.31			
SR4	9/27/2019 1:57	0.24				SR12	9/27/2019 1:57	0.25			
SR4	9/27/2019 2:17	0.23				SR12	9/27/2019 2:17	0.24			
SR4	9/27/2019 2:37	0.21				SR12	9/27/2019 2:37	0.33			
SR4	9/27/2019 2:57	0.23				SR12	9/27/2019 2:57	0.37			
SR4	9/27/2019 3:17	0.22				SR12	9/27/2019 3:17	0.37			
SR4	9/27/2019 3:37	0.22				SR12	9/27/2019 3:37	0.37			
SR4	9/27/2019 3:57	0.23				SR12	9/27/2019 3:57	0.37			
SR4	9/27/2019 4:17	0.21				SR12	9/27/2019 4:17	0.37			
SR4	9/27/2019 4:37	0.22				SR12	9/27/2019 4:37	0.37			
SR4	9/27/2019 4:57	0.22				SR12	9/27/2019 4:57	0.37			
SR4	9/27/2019 5:17	0.22				SR12	9/27/2019 5:17	0.39			
SR4	9/27/2019 5:37	0.24				SR12	9/27/2019 5:37	0.41			
SR4	9/27/2019 5:57	0.24				SR12	9/27/2019 5:57	0.43			
SR4						SR12					
SR4	9/27/2019 6:37	0.24				SR12	9/27/2019 6:37	0.41			
SR4	9/27/2019 6:57	0.24				SR12	9/27/2019 6:57	0.43			
SR4	9/27/2019 7:17	0.24				SR12	9/27/2019 7:17	0.40			
SR4	9/27/2019 7:37	0.24				SR12	9/27/2019 7:37	0.40			
SR4	9/27/2019 7:57	0.24				SR12	9/27/2019 7:57	0.41			
SR4	9/27/2019 8:17	0.21				SR12	9/27/2019 8:17	0.42			
SR4	9/27/2019 8:37	0.23				SR12	9/27/2019 8:37	0.41			
SR4	9/27/2019 8:57	0.22				SR12	9/27/2019 8:57	0.42			
SR4	9/27/2019 9:17	0.23				SR12	9/27/2019 9:17	0.42			
SR4	9/27/2019 9:37	0.23				SR12	9/27/2019 9:37	0.42			
SR4	9/27/2019 9:57	0.24				SR12	9/27/2019 9:57	0.44			
SR4	9/27/2019 10:17	0.22				SR12					
SR4	9/27/2019 10:37	0.23				SR12					
SR4	9/27/2019 10:57	0.22				SR12					
SR4	9/27/2019 11:17	0.24				SR12					
SR4	9/27/2019 11:37	0.24				SR12	9/27/2019 11:37	0.44			
SR4	9/27/2019 11:57	0.24				SR12	9/27/2019 11:57	0.45			
SR4						SR12	9/27/2019 12:17	0.45			
SR4						SR12	9/27/2019 12:37	0.44			
SR4						SR12	9/27/2019 12:57	0.45			
SR4						SR12	9/27/2019 13:17	0.45			
SR4	9/27/2019 13:37	0.20				SR12	9/27/2019 13:37	0.46			
SR4	9/27/2019 13:57	0.19				SR12	9/27/2019 13:57	0.46			
SR4	9/27/2019 14:17	0.20				SR12	9/27/2019 14:17	0.44			
SR4	9/27/2019 14:37	0.20				SR12	9/27/2019 14:37	0.46			
SR4	9/27/2019 14:57	0.19				SR12	9/27/2019 14:57	0.44			
SR4	9/27/2019 15:17	0.21				SR12	9/27/2019 15:17	0.46			
SR4	9/27/2019 15:37	0.21				SR12	9/27/2019 15:37	0.46			
SR4	9/27/2019 15:57	0.21				SR12	9/27/2019 15:57	0.47			
SR4	9/27/2019 16:17	0.20				SR12	9/27/2019 16:17	0.46			
SR4	9/27/2019 16:37	0.20				SR12	9/27/2019 16:37	0.46			
SR4	9/27/2019 16:57	0.19				SR12	9/27/2019 16:57	0.47			
SR4	9/27/2019 17:17	0.21				SR12	9/27/2019 17:17	0.47			
SR4	9/27/2019 17:37	0.20				SR12	9/27/2019 17:37	0.49			
SR4	9/27/2019 17:57	0.20				SR12	9/27/2019 17:57	0.46			
SR4	9/27/2019 18:17	0.20				SR12	9/27/2019 18:17	0.48			
SR4	9/27/2019 18:37	0.19				SR12	9/27/2019 18:37	0.48			
SR4	9/27/2019 18:57	0.19				SR12	9/27/2019 18:57	0.48			
SR4	9/27/2019 19:17	0.19				SR12	9/27/2019 19:17	0.48			
SR4	9/27/2019 19:37	0.18				SR12	9/27/2019 19:37	0.48			
SR4	9/27/2019 19:57	0.17				SR12	9/27/2019 19:57	0.49			
SR4	9/27/2019 20:17	0.18				SR12	9/27/2019 20:17	0.48			
SR4	9/27/2019 20:37	0.17				SR12	9/27/2019 20:37	0.48			
SR4	9/27/2019 20:57	0.17				SR12	9/27/2019 20:57	0.47			
SR4	9/27/2019 21:17	0.17				SR12	9/27/2019 21:17	0.49			
SR4	9/27/2019 21:37	0.17				SR12	9/27/2019 21:37	0.50			
SR4	9/27/2019 21:57	0.17				SR12	9/27/2019 21:57	0.50			
SR4	9/27/2019 22:17	0.17				SR12	9/27/2019 22:17	0.50			
SR4	9/27/2019 22:37	0.18				SR12	9/27/2019 22:37	0.52			
SR4	9/27/2019 22:57	0.17				SR12	9/27/2019 22:57	0.50			
SR4	9/27/2019 23:17	0.17				SR12	9/27/2019 23:17	0.51			
SR4	9/27/2019 23:37	0.18				SR12	9/27/2019 23:37	0.51			
SR4	9/27/2019 23:57	0.18				SR12	9/27/2019 23:57	0.51			

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 12:01-13:11.
SR12 monitoring station was under maintenance during 10:01-11:11.
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	9/28/2019 0:01	29.02	79.3	5.29	2.9	SR4	9/28/2019 6:01	28.94	84.3	5.61	4.5	SR4	9/28/2019 12:01	29.18	84.3	5.59	2.6	SR4	9/28/2019 18:01	29.21	82.2	5.39	6.9
SR4	9/28/2019 0:06	29.02	80.9	5.43	4.7	SR4	9/28/2019 6:06	28.94	83.9	5.60	4.1	SR4	9/28/2019 12:06	29.18	86.0	5.69	3.8	SR4	9/28/2019 18:06	29.20	78.2	5.25	4.6
SR4	9/28/2019 0:11	29.01	77.6	5.17	2.6	SR4	9/28/2019 6:11	28.93	83.9	5.54	4.4	SR4	9/28/2019 12:11	29.26	84.7	5.54	3.9	SR4	9/28/2019 18:11	29.19	80.9	5.38	5.7
SR4	9/28/2019 0:16	29.02	79.4	5.29	3.3	SR4	9/28/2019 6:16	28.93	86.1	5.68	5.7	SR4	9/28/2019 12:16	29.29	85.0	5.71	5.9	SR4	9/28/2019 18:16	29.19	80.3	5.25	3.7
SR4	9/28/2019 0:21	28.99	76.0	4.97	2.6	SR4	9/28/2019 6:21	28.94	81.8	5.48	5.5	SR4	9/28/2019 12:21	29.29	77.5	5.06	2.5	SR4	9/28/2019 18:21	29.17	79.4	5.27	7.1
SR4	9/28/2019 0:26	28.98	71.4	4.79	2.3	SR4	9/28/2019 6:26	28.94	81.1	5.42	6.2	SR4	9/28/2019 12:26	29.24	80.4	5.35	3.2	SR4	9/28/2019 18:26	29.15	80.9	5.36	5.9
SR4	9/28/2019 0:31	29.00	77.2	5.07	2.5	SR4	9/28/2019 6:31	28.95	84.2	5.52	6.2	SR4	9/28/2019 12:31	29.29	79.2	5.19	1.3	SR4	9/28/2019 18:31	29.13	80.6	5.37	7.7
SR4	9/28/2019 0:36	29.00	82.8	5.45	3.3	SR4	9/28/2019 6:36	28.94	83.2	5.59	6.3	SR4	9/28/2019 12:36	29.34	81.0	5.31	6.1	SR4	9/28/2019 18:36	29.12	84.2	5.50	7.7
SR4	9/28/2019 0:41	29.00	82.3	5.46	4.0	SR4	9/28/2019 6:41	28.94	80.0	5.37	6.0	SR4	9/28/2019 12:41	29.29	75.6	5.01	3.4	SR4	9/28/2019 18:41	29.12	81.8	5.40	6.8
SR4	9/28/2019 0:46	29.00	83.6	5.51	6.5	SR4	9/28/2019 6:46	28.95	80.6	5.35	5.5	SR4	9/28/2019 12:46	29.24	79.5	5.23	3.9	SR4	9/28/2019 18:46	29.12	82.2	5.38	7.3
SR4	9/28/2019 0:51	28.99	83.7	5.58	4.1	SR4	9/28/2019 6:51	28.95	80.4	5.32	5.8	SR4	9/28/2019 12:51	29.27	78.8	5.16	3.3	SR4	9/28/2019 18:51	29.13	81.0	5.29	6.4
SR4	9/28/2019 0:56	28.97	85.7	5.63	3.5	SR4	9/28/2019 6:56	28.95	80.7	5.32	5.2	SR4	9/28/2019 12:56	29.27	76.0	5.04	2.4	SR4	9/28/2019 18:56	29.12	79.4	5.27	6.4
SR4	9/28/2019 1:01	28.98	87.8	5.76	3.9	SR4	9/28/2019 7:01	28.95	79.8	5.23	4.7	SR4	9/28/2019 13:01	29.34	75.4	4.99	2.8	SR4	9/28/2019 19:01	29.11	77.2	5.07	4.0
SR4	9/28/2019 1:06	28.98	86.0	5.69	2.9	SR4	9/28/2019 7:06	28.96	81.0	5.29	5.1	SR4	9/28/2019 13:06	29.37	75.5	4.97	5.2	SR4	9/28/2019 19:06	29.12	78.7	5.14	5.1
SR4	9/28/2019 1:11	28.98	85.2	5.64	3.5	SR4	9/28/2019 7:11	28.96	79.5	5.24	5.3	SR4	9/28/2019 13:11	29.34	74.6	4.88	3.0	SR4	9/28/2019 19:11	29.12	80.7	5.27	5.6
SR4	9/28/2019 1:16	28.99	82.2	5.43	2.8	SR4	9/28/2019 7:16	28.97	79.1	5.25	4.9	SR4	9/28/2019 13:16	29.28	74.7	4.96	2.6	SR4	9/28/2019 19:16	29.12	77.2	5.10	4.1
SR4	9/28/2019 1:21	28.97	82.7	5.54	3.3	SR4	9/28/2019 7:21	28.96	80.4	5.25	5.5	SR4	9/28/2019 13:21	29.26	74.0	4.94	3.7	SR4	9/28/2019 19:21	29.12	80.4	5.28	5.0
SR4	9/28/2019 1:26	28.98	78.9	5.30	2.4	SR4	9/28/2019 7:26	28.96	79.4	5.30	5.8	SR4	9/28/2019 13:26	29.28	74.8	4.97	2.7	SR4	9/28/2019 19:26	29.13	78.7	5.20	7.6
SR4	9/28/2019 1:31	28.98	83.2	5.46	3.1	SR4	9/28/2019 7:31	28.97	79.7	5.29	4.7	SR4	9/28/2019 13:31	29.29	68.7	4.62	3.6	SR4	9/28/2019 19:31	29.12	78.9	5.21	7.5
SR4	9/28/2019 1:36	28.97	80.5	5.39	2.5	SR4	9/28/2019 7:36	28.97	77.2	5.12	4.5	SR4	9/28/2019 13:36	29.26	65.8	4.36	2.1	SR4	9/28/2019 19:36	29.12	79.7	5.23	9.5
SR4	9/28/2019 1:41	28.97	80.0	5.34	2.4	SR4	9/28/2019 7:41	28.98	79.8	5.32	5.8	SR4	9/28/2019 13:41	29.21	61.3	4.11	1.4	SR4	9/28/2019 19:41	29.12	76.5	5.07	7.1
SR4	9/28/2019 1:46	28.96	79.9	5.32	2.4	SR4	9/28/2019 7:46	28.98	80.4	5.31	5.8	SR4	9/28/2019 13:46	29.16	60.0	3.94	2.6	SR4	9/28/2019 19:46	29.12	78.9	5.17	**10.9**
SR4	9/28/2019 1:51	28.97	79.8	5.34	2.3	SR4	9/28/2019 7:51	28.98	82.4	5.42	**10.6**	SR4	9/28/2019 13:51	29.22	62.4	4.16	1.7	SR4	9/28/2019 19:51	29.12	77.9	5.10	7.4
SR4	9/28/2019 1:56	28.98	79.1	5.28	2.7	SR4	9/28/2019 7:56	28.98	80.1	5.23	5.8	SR4	9/28/2019 13:56	29.24	72.9	4.88	4.8	SR4	9/28/2019 19:56	29.12	74.5	4.93	6.6
SR4	9/28/2019 2:01	28.97	78.1	5.19	2.6	SR4	9/28/2019 8:01	28.98	82.4	5.41	5.8	SR4	9/28/2019 14:01	29.22	74.9	4.91	6.6	SR4	9/28/2019 20:01	29.11	77.1	5.10	8.6
SR4	9/28/2019 2:06	28.98	79.8	5.32	3.0	SR4	9/28/2019 8:06	28.99	80.0	5.28	5.2	SR4	9/28/2019 14:06	29.20	73.2	4.91	5.1	SR4	9/28/2019 20:06	29.10	79.0	5.18	5.5
SR4	9/28/2019 2:11	28.98	77.3	5.18	2.6	SR4	9/28/2019 8:11	28.99	77.4	5.20	6.0	SR4	9/28/2019 14:11	29.17	77.4	5.20	5.9	SR4	9/28/2019 20:11	29.11	75.7	4.95	8.2
SR4	9/28/2019 2:16	28.98	78.6	5.28	4.4	SR4	9/28/2019 8:16	28.99	77.8	5.12	7.6	SR4	9/28/2019 14:16	29.16	82.0	5.36	5.7	SR4	9/28/2019 20:16	29.10	75.1	4.96	4.2
SR4	9/28/2019 2:21	28.98	81.0	5.29	2.5	SR4	9/28/2019 8:21	29.00	80.4	5.28	5.2	SR4	9/28/2019 14:21	29.15	82.8	5.41	5.4	SR4	9/28/2019 20:21	29.11	72.5	4.85	5.5
SR4	9/28/2019 2:26	28.93	81.4	5.34	2.7	SR4	9/28/2019 8:26	29.00	80.4	5.31	4.8	SR4	9/28/2019 14:26	29.16	83.7	5.48	6.2	SR4	9/28/2019 20:26	29.11	75.3	4.94	5.4
SR4	9/28/2019 2:31	28.94	81.7	5.34	3.4	SR4	9/28/2019 8:31	29.00	81.1	5.34	4.2	SR4	9/28/2019 14:31	29.16	82.5	5.51	8.1	SR4	9/28/2019 20:31	29.11	75.5	4.96	5.3
SR4	9/28/2019 2:36	28.95	81.4	5.34	2.6	SR4	9/28/2019 8:36	29.00	80.7	5.31	3.2	SR4	9/28/2019 14:36	29.17	82.0	5.46	6.3	SR4	9/28/2019 20:36	29.10	73.6	4.92	6.7
SR4	9/28/2019 2:41	28.95	80.4	5.25	2.7	SR4	9/28/2019 8:41	29.00	81.5	5.41	5.2	SR4	9/28/2019 14:41	29.15	83.8	5.49	6.6	SR4	9/28/2019 20:41	29.10	73.9	4.91	4.6
SR4	9/28/2019 2:46	28.94	78.1	5.24	2.4	SR4	9/28/2019 8:46	29.01	82.5	5.43	4.0	SR4	9/28/2019 14:46	29.17	85.5	5.71	8.4	SR4	9/28/2019 20:46	29.10	74.0	4.96	4.0
SR4	9/28/2019 2:51	28.95	78.4	5.20	2.8	SR4	9/28/2019 8:51	29.01	82.5	5.48	4.5	SR4	9/28/2019 14:51	29.17	85.3	5.70	6.7	SR4	9/28/2019 20:51	29.10	73.7	4.86	6.0
SR4	9/28/2019 2:56	28.94	78.9	5.19	2.8	SR4	9/28/2019 8:56	29.01	81.2	5.31	3.1	SR4	9/28/2019 14:56	29.17	85.2	5.72	4.9	SR4	9/28/2019 20:56	29.10	69.2	4.61	4.2
SR4	9/28/2019 3:01	28.95	77.3	5.05	2.7	SR4	9/28/2019 9:01	29.01	81.2	5.34	8.6	SR4	9/28/2019 15:01	29.19	85.4	5.70	4.4	SR4	9/28/2019 21:01	29.10	71.6	4.72	5.3
SR4	9/28/2019 3:06	28.95	77.3	5.09	2.4	SR4	9/28/2019 9:06	29.02	78.6	5.23	3.1	SR4	9/28/2019 15:06	29.14	86.3	5.76	3.2	SR4	9/28/2019 21:06	29.10	72.6	4.80	3.6
SR4	9/28/2019 3:11	28.96	75.0	5.03	2.7	SR4	9/28/2019 9:11	29.03	82.9	5.51	3.4	SR4	9/28/2019 15:11	29.19	89.6	5.92	8.0	SR4	9/28/2019 21:11	29.10	70.8	4.68	4.2
SR4	9/28/2019 3:16	28.99	78.2	5.20	2.8	SR4	9/28/2019 9:16	29.02	84.4	5.59	4.2	SR4	9/28/2019 15:16	29.21	86.4	5.80	5.4	SR4	9/28/2019 21:16	29.10	72.5	4.75	4.2
SR4	9/28/2019 3:21	28.99	81.3	5.36	3.4	SR4	9/28/2019 9:21	29.03	83.0	5.56	3.5	SR4	9/28/2019 15:21	29.20	82.5	5.51	4.5	SR4	9/28/2019 21:21	29.10	69.5	4.65	7.0
SR4	9/28/2019 3:26	29.01	83.1	5.58	4.9	SR4	9/28/2019 9:26	29.05	81.1	5.45	3.1	SR4	9/28/2019 15:26	29.22	83.9	5.57	4.4	SR4	9/28/2019 21:26	29.10	68.0	4.53	2.7
SR4	9/28/2019 3:31	29.01	84.5	5.61	4.7	SR4	9/28/2019 9:31	29.05	84.3	5.56	3.2	SR4	9/28/2019 15:31	29.24	84.2	5.59	3.2	SR4	9/28/2019 21:31	29.09	74.1	4.91	5.6
SR4	9/28/2019 3:36	29.01	84.2	5.51	3.7	SR4	9/28/2019 9:36	29.04	84.3	5.63	3.0	SR4	9/28/2019 15:36	29.25	82.8	5.41	3.8	SR4	9/28/2019 21:36	29.09	74.7	4.88	4.1
SR4	9/28/2019 3:41	29.00	87.6	5.73	5.9	SR4	9/28/2019 9:41	29.04	86.6	5.68	3.5	SR4	9/28/2019 15:41	29.25	80.2	5.29	3.5	SR4	9/28/2019 21:41	29.09	72.4	4.86	4.8
SR4	9/28/2019 3:46	29.00	86.6	5.65	5.8	SR4	9/28/2019 9:46	29.03	83.8	5.63	4.0	SR4	9/28/2019 15:46	29.24	79.3	5.21	3.2	SR4	9/28/2019 21:46	29.08	75.3	4.93	4.9
SR4	9/28/2019 3:51	29.01	85.0	5.71	5.0	SR4	9/28/2019 9:51	29.06	86.9	5.69	3.4	SR4	9/28/2019 15:51	29.22	79.3	5.27	3.2	SR4	9/28/2019 21:51	29.08	74.7	4.90	4.3
SR4	9/28/2019 3:56	29.00	83.9	5.59	5.4	SR4	9/28/2019 9:56	29.07	87.3	5.76	3.2	SR4	9/28/2019 15:56	29.25	78.8	5.17	4.2	SR4	9/28/2019 21:56	29.08	76.1	4.99	3.8
SR4	9/28/2019 4:01	29.00	83.9	5.58	5.5	SR4	9/28/2019 10:01	29.08	87.7	5.82	4.6	SR4	9/28/2019 16:01	29.24	77.6	5.07	4.9	SR4	9/28/2019 22:01	29.07	75.2	4.93	3.2
SR4	9/28/2019 4:06	28.98	83.3	5.56	4.2	SR4	9/28/2019 10:06	29.08	88.3	5.79	3.6	SR4	9/28/2019 16:06	29.23	80.0	5.24	5.4	SR4	9/28/2019 22:06	29.08	74.6	4.88	3.4
SR4	9/28/2019 4:11	28.95	80.9	5.39	4.1	SR4	9/28/2019 10:11	29.09	87.4	5.85	3.4	SR4	9/28/2019 16:11	29.21	83.9	5.48	5.3	SR4	9/28/2019 22:11	29.07	75.1	4.90	3.1
SR4	9/28/2019 4:16	28.95	82.0	5.46	4.5	SR4	9/28/2019 10:16	29.10	87.4	5.78	3.1	SR4	9/28/2019 16:16	29.21	84.5	5.52	4.5	SR4	9/28/2019 22:16	29.08	73.2	4.90	3.3
SR4	9/28/2019 4:21	28.96	81.2	5.42	4.3	SR4	9/28/2019 10:21	29.10	87.2	5.85	4.6	SR4	9/28/2019 16:21	29.21	81.6	5.45	3.7	SR4	9/28/2019 22:21	29.08	74.2	4.85	3.5
SR4	9/28/2019 4:26	28.95	83.5	5.45	4.4	SR4	9/28/2019 10:26	29.12	88.7	5.91	3.2	SR4	9/28/2019 16:26	29.21	83.9	5.57	**14.2**	SR4	9/28/2019 22:26	29.08	70.5	4.73	3.1
SR4	9/28/2019 4:31	28.99	86.5	5.76	5.1	SR4	9/28/2019 10:31	29.07	87.0	5.71	4.4	SR4	9/28/2019 16:31	29.20	84.2	5.59	4.3	SR4	9/28/2019 22:31	29.06	74.2	4.91	3.6
SR4	9/28/2019 4:36	28.98	86.7	5.69	6.2	SR4	9/28/2019 10:36	29.12	86.7	5.79	3.3	SR4	9/28/2019 16:36	29.21	85.4	5.67	4.8	SR4	9/28/2019 22:36	29.04	72.4	4.75	2.5
SR4	9/28/2019 4:41	28.99	86.6	5.79	6.1	SR4	9/28/2019 10:41	29.14	88.4	5.91	5.9	SR4	9/28/2019 16:41	29.18	87.6	5.73	4.8	SR4	9/28/2019 22:41	29.03	74.3	4.93	3.7
SR4	9/28/2019 4:46	28.99	88.4	5.80	5.8	SR4	9/28/2019 10:46	29.14	88.5	5.89	4.6	SR4	9/28/2019 16:46	29.17	85.9	5.75	4.5	SR4	9/28/2019 22:46	29.03	75.6	5.06	4.3
SR4	9/28/2019 4:51	28.99	84.4	5.65	5.4	SR4	9/28/2019 10:51	29.09	86.8	5.83	4.5	SR4	9/28/2019 16:51	29.18	87.9	5.84	5.0	SR4	9/28/2019 22:51	29.04	75.2	5.03	4.7
SR4	9/28/2019 4:56	28.98	85.4	5.59	5.4	SR4	9/28/2019 10:56	29.10	88.9	5.90	4.6	SR4	9/28/2019 16:56	29.18	87.6	5.83	5.0	SR4	9/28/2019 22:56	29.04	77.5	5.07	3.8
SR4	9/28/2019 5:01	28.98	83.0	5.54	5.5	SR4	9/28/2019 11:01	29.11	88.0	5.85	3.8	SR4	9/28/2019 17:01	29.17	91.1	6.03	**10.2**	SR4	9/28/2019 23:01	29.03	78.5	5.16	3.8
SR4	9/28/2019 5:06	28.98	84.5	5.65	4.3	SR4	9/28/2019 11:06	29.13	88.3	5.87	4.2	SR4	9/28/2019 17:06	29.18	88.6	5.92	5.1	SR4	9/28/2019 23:06	29.03	78.6	5.18	4.2
SR4	9/28/2019 5:11	28.97	85.3	5.67	4.3	SR4	9/28/2019 11:11	29.12	87.4	5.73	3.7	SR4	9/28/2019 17:11	29.17	89.3	5.91	4.7	SR4	9/28/2019 23:11	29.03	78.4	5.16	3.9
SR4	9/28/2019 5:16	28.97	84.5	5.65	4.0	SR4	9/28/2019 11:16	29.11	85.6	5.69	5.0	SR4	9/28/2019 17:16	29.17	90.9	5.96	5.5	SR4	9/28/2019 23:16	29.03	77.6	5.09	3.8
SR4	9/28/2019 5:21	28.96	87.2	5.83	4.5	SR4	9/28/2019 11:21	29.11	86.7	5.72	3.3	SR4	9/28/2019 17:21	29.15	89.9	5.98	4.4	SR4	9/28/2019 23:21	29.02	78.4	5.14	3.9
SR4	9/28/2019 5:26	28.96	86.8	5.82	5.5	SR4	9/28/2019 11:26	29.11	88.1	5.76	5.8	SR4	9/28/2019 17:26	29.16	91.3	6.00	4.6	SR4	9/28/2019 23:26	29.03	76.0	5.09	3.5
SR4	9/28/2019 5:31	28.95	85.2	5.67	4.3	SR4	9/28/2019 11:31	29.11	87.9	5.78	5.3	SR4	9/28/2019 17:31	29.17	90.2	5.96	4.7	SR4	9/28/2019 23:31	29.03	74.7	4.99	2.5
SR4	9/28/2019 5:36	28.95	85.2	5.61	3.4	SR4	9/28/2019 11:36	29.11	84.6	5.68	4.0	SR4	9/28/2019 17:36	29.18	89.4	5.90	5.3	SR4	9/28/2019 23:36	29.01	76.1	5.06	3.1
SR4	9/28/2019 5:41	28.93	84.3	5.53	2.7	SR4	9/28/2019 11:41	29.08	84.0	5.63	5.2	SR4	9/28/2019 17:41	29.20	80.1	5.32	4.4	SR4	9/28/2019 23:41	29.02	72.7	4.86	3.1
SR4	9/28/2019 5:46	28.94	85.9	5.61	5.0	SR4	9/28/2019 11:46	29.11	86.4	5.73	4.9	SR4	9/28/2019 17:46	29.22	79.8	5.34	5.2	SR4	9/28/2019 23:46	29.03	73.8	4.93	3.5
SR4	9/28/2019 5:51	28.94	83.0	5.49	3.8	SR4	9/28/2019 11:51	29.13	86.9	5.80	3.9	SR4	9/28/2019 17:51	29.21	80.1	5.23	4.6	SR4	9/28/2019 23:51	29.02	72.8	4.84	4.1
SR4	9/28/2019 5:56	28.94	81.5	5.36	3.7	SR4	9/28/2019 11:56	29.13	85.3	5.60	4.6	SR4	9/28/2019 17:56	29.21	79.7	5.20	4.2	SR4	9/28/2019 23:56	29.03	72.2	4.83	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	9/28/2019 0:00	29.05	84.2	5.35	6.1	SR5	9/28/2019 6:00	28.93	85.3	5.46	6.7	SR5	9/28/2019 12:00	29.22	85.5	5.43	4.5	SR5	9/28/2019 18:00	29.19	86.9	5.55	4.6
SR5	9/28/2019 0:05	29.05	84.2	5.36	6.4	SR5	9/28/2019 6:05	28.94	84.6	5.41	5.5	SR5	9/28/2019 12:05	29.26	87.3	5.54	4.7	SR5	9/28/2019 18:05	29.19	86.1	5.50	5.5
SR5	9/28/2019 0:10	29.06	84.3	5.36	5.2	SR5	9/28/2019 6:10	28.94	85.0	5.43	5.4	SR5	9/28/2019 12:10	29.22	86.8	5.51	4.9	SR5	9/28/2019 18:10	29.20	86.0	5.49	6.3
SR5	9/28/2019 0:15	29.06	84.4	5.36	5.7	SR5	9/28/2019 6:15	28.95	84.8	5.42	7.5	SR5	9/28/2019 12:15	29.26	87.6	5.57	4.3	SR5	9/28/2019 18:15	29.20	85.8	5.48	5.6
SR5	9/28/2019 0:20	29.06	84.2	5.36	7.4	SR5	9/28/2019 6:20	28.95	83.9	5.37	6.7	SR5	9/28/2019 12:20	29.33	88.8	5.64	4.9	SR5	9/28/2019 18:20	29.22	85.7	5.47	6.1
SR5	9/28/2019 0:25	29.05	84.3	5.36	4.7	SR5	9/28/2019 6:25	28.95	84.1	5.37	7.4	SR5	9/28/2019 12:25	29.27	88.0	5.59	4.1	SR5	9/28/2019 18:25	29.21	85.4	5.46	5.5
SR5	9/28/2019 0:30	29.06	84.0	5.34	5.9	SR5	9/28/2019 6:30	28.95	83.3	5.32	5.1	SR5	9/28/2019 12:30	29.25	87.0	5.52	3.8	SR5	9/28/2019 18:30	29.23	86.2	5.50	6.5
SR5	9/28/2019 0:35	29.06	83.8	5.33	5.0	SR5	9/28/2019 6:35	28.93	82.8	5.29	6.1	SR5	9/28/2019 12:35	29.31	89.4	5.68	4.4	SR5	9/28/2019 18:35	29.21	85.8	5.48	6.4
SR5	9/28/2019 0:40	29.06	83.7	5.32	9.4	SR5	9/28/2019 6:40	28.94	82.2	5.24	4.4	SR5	9/28/2019 12:40	29.24	86.6	5.50	4.9	SR5	9/28/2019 18:40	29.22	85.5	5.46	5.9
SR5	9/28/2019 0:45	29.05	83.6	5.32	6.3	SR5	9/28/2019 6:45	28.94	82.4	5.26	4.0	SR5	9/28/2019 12:45	29.26	86.9	5.52	4.2	SR5	9/28/2019 18:45	29.22	85.1	5.43	6.2
SR5	9/28/2019 0:50	29.04	83.8	5.33	6.1	SR5	9/28/2019 6:50	28.96	88.8	6.05	6.0	SR5	9/28/2019 12:50	29.34	88.2	5.60	3.6	SR5	9/28/2019 18:50	29.23	85.4	5.45	5.0
SR5	9/28/2019 0:55	29.04	84.3	5.36	6.2	SR5	9/28/2019 6:55	28.96	87.9	5.96	4.7	SR5	9/28/2019 12:55	29.35	88.8	5.64	6.0	SR5	9/28/2019 18:55	29.22	85.9	5.48	6.6
SR5	9/28/2019 1:00	28.95	86.6	5.53	6.7	SR5	9/28/2019 7:00	28.98	86.9	5.88	4.6	SR5	9/28/2019 13:00	29.33	88.6	5.63	4.9	SR5	9/28/2019 19:00	29.21	85.0	5.43	6.6
SR5	9/28/2019 1:05	28.92	87.3	5.58	6.0	SR5	9/28/2019 7:05	28.98	86.2	5.83	4.7	SR5	9/28/2019 13:05	29.36	90.1	5.72	5.3	SR5	9/28/2019 19:05	29.22	84.8	5.41	5.4
SR5	9/28/2019 1:10	28.93	87.9	5.61	5.0	SR5	9/28/2019 7:10	28.97	86.5	5.85	5.4	SR5	9/28/2019 13:10	29.31	91.8	5.84	6.2	SR5	9/28/2019 19:10	29.20	84.1	5.36	6.8
SR5	9/28/2019 1:15	28.91	87.6	5.60	5.6	SR5	9/28/2019 7:15	28.98	85.2	5.79	4.5	SR5	9/28/2019 13:15	29.32	90.6	5.76	4.7	SR5	9/28/2019 19:15	29.20	84.3	5.38	6.7
SR5	9/28/2019 1:20	28.92	88.1	5.63	4.8	SR5	9/28/2019 7:20	28.99	83.8	5.66	5.3	SR5	9/28/2019 13:20	29.37	91.5	5.81	5.8	SR5	9/28/2019 19:20	29.18	83.5	5.32	6.7
SR5	9/28/2019 1:25	28.90	88.7	5.67	5.4	SR5	9/28/2019 7:25	28.97	84.0	5.71	6.1	SR5	9/28/2019 13:25	29.37	91.3	5.80	4.4	SR5	9/28/2019 19:25	29.17	82.9	5.28	6.9
SR5	9/28/2019 1:30	28.90	88.1	5.63	4.5	SR5	9/28/2019 7:30	28.97	83.9	5.71	5.7	SR5	9/28/2019 13:30	29.36	91.8	5.84	6.3	SR5	9/28/2019 19:30	29.17	83.0	5.29	5.4
SR5	9/28/2019 1:35	28.90	87.7	5.61	6.8	SR5	9/28/2019 7:35	28.99	84.0	5.68	5.4	SR5	9/28/2019 13:35	29.33	90.5	5.76	5.5	SR5	9/28/2019 19:35	29.16	83.2	5.30	6.6
SR5	9/28/2019 1:40	28.93	87.8	5.61	4.9	SR5	9/28/2019 7:40	28.98	85.2	5.79	4.5	SR5	9/28/2019 13:40	29.39	91.5	5.82	4.6	SR5	9/28/2019 19:40	29.15	82.4	5.24	6.6
SR5	9/28/2019 1:45	28.94	87.5	5.59	5.5	SR5	9/28/2019 7:45	28.98	84.8	5.76	6.8	SR5	9/28/2019 13:45	29.38	91.4	5.81	7.1	SR5	9/28/2019 19:45	29.15	79.3	5.35	4.8
SR5	9/28/2019 1:50	28.92	87.8	5.61	4.8	SR5	9/28/2019 7:50	28.98	85.1	5.77	4.3	SR5	9/28/2019 13:50	29.40	91.8	5.84	6.2	SR5	9/28/2019 19:50	29.14	79.5	5.39	7.1
SR5	9/28/2019 1:55	28.92	87.8	5.61	5.3	SR5	9/28/2019 7:55	28.99	84.7	5.77	5.8	SR5	9/28/2019 13:55	29.36	91.8	5.85	5.9	SR5	9/28/2019 19:55	29.14	79.8	5.41	5.9
SR5	9/28/2019 2:00	28.92	87.4	5.58	6.6	SR5	9/28/2019 8:00	28.99	84.5	5.74	6.8	SR5	9/28/2019 14:00	29.35	91.7	5.84	6.7	SR5	9/28/2019 20:00	29.14	80.0	5.41	6.3
SR5	9/28/2019 2:05	28.93	87.0	5.56	5.8	SR5	9/28/2019 8:05	29.00	84.3	5.71	4.7	SR5	9/28/2019 14:05	29.27	90.3	5.76	6.3	SR5	9/28/2019 20:05	29.14	79.9	5.39	5.4
SR5	9/28/2019 2:10	28.95	87.1	5.57	5.5	SR5	9/28/2019 8:10	29.00	83.6	5.70	5.9	SR5	9/28/2019 14:10	29.27	90.4	5.76	6.8	SR5	9/28/2019 20:10	29.14	80.0	5.42	6.2
SR5	9/28/2019 2:15	28.91	89.2	5.71	7.0	SR5	9/28/2019 8:15	29.01	84.0	5.69	3.4	SR5	9/28/2019 14:15	29.24	90.2	5.76	7.6	SR5	9/28/2019 20:15	29.14	81.0	5.49	6.8
SR5	9/28/2019 2:20	28.92	88.5	5.66	6.0	SR5	9/28/2019 8:20	29.01	83.8	5.68	4.5	SR5	9/28/2019 14:20	29.21	89.5	5.71	6.7	SR5	9/28/2019 20:20	29.14	81.2	5.50	4.6
SR5	9/28/2019 2:25	28.92	88.7	5.68	6.3	SR5	9/28/2019 8:25	29.01	84.3	5.72	4.4	SR5	9/28/2019 14:25	29.23	89.7	5.72	5.7	SR5	9/28/2019 20:25	29.13	81.5	5.53	5.5
SR5	9/28/2019 2:30	28.91	88.3	5.65	5.7	SR5	9/28/2019 8:30	29.01	84.3	5.73	5.9	SR5	9/28/2019 14:30	29.22	88.8	5.67	5.5	SR5	9/28/2019 20:30	29.13	81.4	5.51	5.9
SR5	9/28/2019 2:35	28.93	88.5	5.66	4.7	SR5	9/28/2019 8:35	29.02	85.1	5.80	5.0	SR5	9/28/2019 14:35	29.22	88.8	5.66	7.4	SR5	9/28/2019 20:35	29.13	80.9	5.50	5.0
SR5	9/28/2019 2:40	28.91	87.9	5.63	5.9	SR5	9/28/2019 8:40	29.03	85.3	5.82	3.8	SR5	9/28/2019 14:40	29.23	88.5	5.65	5.7	SR5	9/28/2019 20:40	29.14	81.2	5.53	6.4
SR5	9/28/2019 2:45	28.93	88.6	5.67	5.8	SR5	9/28/2019 8:45	29.03	86.4	5.85	4.1	SR5	9/28/2019 14:45	29.22	87.9	5.61	6.0	SR5	9/28/2019 20:45	29.14	81.0	5.49	6.0
SR5	9/28/2019 2:50	28.90	89.2	5.71	6.1	SR5	9/28/2019 8:50	29.03	86.5	5.88	6.3	SR5	9/28/2019 14:50	29.22	86.1	5.49	6.6	SR5	9/28/2019 20:50	29.14	80.9	5.47	6.2
SR5	9/28/2019 2:55	28.90	89.8	5.76	4.3	SR5	9/28/2019 8:55	29.02	85.9	5.86	5.1	SR5	9/28/2019 14:55	29.24	88.2	5.62	6.2	SR5	9/28/2019 20:55	29.14	80.6	5.49	5.6
SR5	9/28/2019 3:00	28.91	89.4	5.73	6.9	SR5	9/28/2019 9:00	29.03	86.0	5.82	5.9	SR5	9/28/2019 15:00	29.26	87.5	5.58	5.0	SR5	9/28/2019 21:00	29.14	80.5	5.50	5.9
SR5	9/28/2019 3:05	28.90	89.8	5.75	5.3	SR5	9/28/2019 9:05	29.03	85.2	5.80	4.2	SR5	9/28/2019 15:05	29.26	88.4	5.64	5.7	SR5	9/28/2019 21:05	29.14	80.4	5.46	5.0
SR5	9/28/2019 3:10	28.89	90.5	5.80	7.0	SR5	9/28/2019 9:10	29.03	85.8	5.85	4.2	SR5	9/28/2019 15:10	29.26	87.5	5.58	6.5	SR5	9/28/2019 21:10	29.14	80.2	5.46	6.0
SR5	9/28/2019 3:15	28.86	91.8	5.90	5.5	SR5	9/28/2019 9:15	29.03	86.3	5.88	6.6	SR5	9/28/2019 15:15	29.26	88.1	5.62	6.5	SR5	9/28/2019 21:15	29.13	80.5	5.48	6.6
SR5	9/28/2019 3:20	28.90	91.4	5.87	6.0	SR5	9/28/2019 9:20	29.03	86.0	5.83	5.7	SR5	9/28/2019 15:20	29.26	88.1	5.62	4.8	SR5	9/28/2019 21:20	29.13	79.8	5.42	6.0
SR5	9/28/2019 3:25	28.89	90.8	5.84	5.5	SR5	9/28/2019 9:25	29.03	86.1	5.88	5.1	SR5	9/28/2019 15:25	29.26	89.3	5.70	5.9	SR5	9/28/2019 21:25	29.13	79.5	5.39	6.5
SR5	9/28/2019 3:30	28.87	91.4	5.87	5.0	SR5	9/28/2019 9:30	29.03	86.2	5.88	5.4	SR5	9/28/2019 15:30	29.26	89.3	5.70	5.8	SR5	9/28/2019 21:30	29.13	79.5	5.39	5.4
SR5	9/28/2019 3:35	28.90	91.5	5.88	6.9	SR5	9/28/2019 9:35	29.03	85.0	5.79	5.7	SR5	9/28/2019 15:35	29.27	89.6	5.72	6.2	SR5	9/28/2019 21:35	29.13	79.4	5.41	6.4
SR5	9/28/2019 3:40	28.89	91.5	5.89	7.1	SR5	9/28/2019 9:40	29.03	85.0	5.80	5.4	SR5	9/28/2019 15:40	29.27	89.4	5.71	6.7	SR5	9/28/2019 21:40	29.13	79.0	5.37	6.5
SR5	9/28/2019 3:45	28.91	91.2	5.86	7.0	SR5	9/28/2019 9:45	29.03	85.3	5.79	4.1	SR5	9/28/2019 15:45	29.27	89.4	5.71	6.5	SR5	9/28/2019 21:45	29.13	78.5	5.34	4.5
SR5	9/28/2019 3:50	28.90	89.6	5.76	5.8	SR5	9/28/2019 9:50	29.02	84.8	5.75	6.0	SR5	9/28/2019 15:50	29.27	89.1	5.69	6.9	SR5	9/28/2019 21:50	29.13	77.6	5.26	5.3
SR5	9/28/2019 3:55	28.90	90.4	5.81	6.0	SR5	9/28/2019 9:55	29.18	85.8	5.81	4.4	SR5	9/28/2019 15:55	29.28	88.7	5.66	4.9	SR5	9/28/2019 21:55	29.13	77.4	5.24	5.0
SR5	9/28/2019 4:00	28.89	89.9	5.78	5.0	SR5	9/28/2019 10:00	29.12	86.3	5.87	4.7	SR5	9/28/2019 16:00	29.35	89.3	5.69	6.5	SR5	9/28/2019 22:00	29.13	77.0	5.25	5.9
SR5	9/28/2019 4:05	28.88	89.7	5.76	4.6	SR5	9/28/2019 10:05	29.11	86.9	5.92	5.0	SR5	9/28/2019 16:05	29.35	89.0	5.67	5.8	SR5	9/28/2019 22:05	29.13	76.7	5.39	6.7
SR5	9/28/2019 4:10	28.88	88.8	5.70	6.5	SR5	9/28/2019 10:10	29.11	86.7	5.88	5.5	SR5	9/28/2019 16:10	29.28	89.3	5.70	5.0	SR5	9/28/2019 22:10	29.12	76.7	5.35	6.2
SR5	9/28/2019 4:15	28.90	90.5	5.81	6.3	SR5	9/28/2019 10:15	29.08	86.7	5.87	4.7	SR5	9/28/2019 16:15	29.27	88.7	5.66	4.5	SR5	9/28/2019 22:15	29.12	76.9	5.39	5.9
SR5	9/28/2019 4:20	28.88	88.8	5.71	6.8	SR5	9/28/2019 10:20	29.05	86.2	5.84	6.1	SR5	9/28/2019 16:20	29.27	88.7	5.66	6.8	SR5	9/28/2019 22:20	29.12	76.7	5.35	5.0
SR5	9/28/2019 4:25	28.86	89.6	5.76	6.9	SR5	9/28/2019 10:25	29.07	86.2	5.84	4.4	SR5	9/28/2019 16:25	29.27	88.5	5.65	6.4	SR5	9/28/2019 22:25	29.12	76.3	5.36	5.5
SR5	9/28/2019 4:30	28.87	89.3	5.74	5.8	SR5	9/28/2019 10:30	29.08	86.4	5.90	4.9	SR5	9/28/2019 16:30	29.26	88.6	5.66	4.7	SR5	9/28/2019 22:30	29.12	76.0	5.33	6.3
SR5	9/28/2019 4:35	28.84	89.8	5.78	4.9	SR5	9/28/2019 10:35	29.08	86.3	5.87	5.8	SR5	9/28/2019 16:35	29.26	88.4	5.64	5.0	SR5	9/28/2019 22:35	29.12	75.9	5.31	4.7
SR5	9/28/2019 4:40	28.86	89.5	5.75	7.0	SR5	9/28/2019 10:40	29.08	85.8	5.85	3.6	SR5	9/28/2019 16:40	29.26	88.3	5.64	4.5	SR5	9/28/2019 22:40	29.12	75.7	5.29	7.1
SR5	9/28/2019 4:45	28.88	89.3	5.73	7.3	SR5	9/28/2019 10:45	29.07	85.7	5.82	3.7	SR5	9/28/2019 16:45	29.26	88.4	5.64	6.7	SR5	9/28/2019 22:45	29.12	75.6	5.31	5.4
SR5	9/28/2019 4:50	28.93	88.3	5.66	6.9	SR5	9/28/2019 10:50	29.08	85.7	5.85	4.0	SR5	9/28/2019 16:50	29.25	88.4	5.64	7.0	SR5	9/28/2019 22:50	29.12	75.9	5.29	6.5
SR5	9/28/2019 4:55	28.90	88.9	5.70	4.2	SR5	9/28/2019 10:55	29.09	85.4	5.82	4.7	SR5	9/28/2019 16:55	29.25	88.2	5.63	5.3	SR5	9/28/2019 22:55	29.11	76.2	5.36	6.8
SR5	9/28/2019 5:00	28.94	88.2	5.65	6.2	SR5	9/28/2019 11:00	29.07	85.4	5.82	3.4	SR5	9/28/2019 17:00	29.25	88.1	5.63	6.5	SR5	9/28/2019 23:00	29.11	75.7	5.27	6.3
SR5	9/28/2019 5:05	28.86	87.4	5.61	5.2	SR5	9/28/2019 11:05	29.09	85.5	5.82	4.9	SR5	9/28/2019 17:05	29.24	88.0	5.62	6.4	SR5	9/28/2019 23:05	29.11	75.4	5.24	4.9
SR5	9/28/2019 5:10	28.89	87.8	5.63	5.3	SR5	9/28/2019 11:10	29.09	85.0	5.79	5.9	SR5	9/28/2019 17:10	29.24	88.0	5.62	6.3	SR5	9/28/2019 23:10	29.11	75.7	5.29	5.7
SR5	9/28/2019 5:15	28.91	87.1	5.58	6.0	SR5	9/28/2019 11:15	29.15	85.6	5.83	3.7	SR5	9/28/2019 17:15	29.24	87.1	5.56	7.1	SR5	9/28/2019 23:15	29.06	76.0	5.36	5.0
SR5	9/28/2019 5:20	28.93	87.2	5.59	5.2	SR5	9/28/2019 11:20	29.12	85.6	5.82	5.1	SR5	9/28/2019 17:20	29.24	87.5	5.59	5.2	SR5	9/28/2019 23:20	29.09	77.9	5.26	5.9
SR5	9/28/2019 5:25	28.93	86.5	5.54	4.9	SR5	9/28/2019 11:25	29.08	85.3	5.82	4.7	SR5	9/28/2019 17:25	29.24	87.5	5.59	5.2	SR5	9/28/2019 23:25	29.10	78.7	5.33	7.5
SR5	9/28/2019 5:30	28.83	87.7	5.64	4.4	SR5	9/28/2019 11:30	29.08	83.0	5.65	5.4	SR5	9/28/2019 17:30	29.23	87.2	5.57	6.0	SR5	9/28/2019 23:30	29.09	78.8	5.34	5.2
SR5	9/28/2019 5:35	28.87	86.8	5.57	7.0	SR5	9/28/2019 11:35	29.10	78.9	5.36	5.6	SR5	9/28/2019 17:35	29.24	87.2	5.57	6.3	SR5	9/28/2019 23:35	29.10	79.3	5.40	7.4
SR5	9/28/2019 5:40	28.91	86.7	5.55	8.2	SR5	9/28/2019 11:40	29.09	77.8	5.28	5.3	SR5	9/28/2019 17:40	29.25	87.4	5.58	6.9	SR5	9/28/2019 23:40	29.09	79.6	5.39	5.8
SR5	9/28/2019 5:45	28.88	87.0	5.58	4.7	SR5	9/28/2019 11:45	29.21	79.3	5.35	5.8	SR5	9/28/2019 17:45	29.25	87.4	5.58	6.0	SR5	9/28/2019 23:45	29.09	80.2	5.45	5.8
SR5	9/28/2019 5:50	28.93	85.8	5.49	7.1	SR5	9/28/2019 11:50	29.19	83.4	5.29	5.6	SR5	9/28/2019 17:50	29.22	87.8	5.60	7.2	SR5	9/28/2019 23:50	29.09	80.2	5.46	6.2
SR5	9/28/2019 5:55	28.93	85.6	5.48	6.2	SR5	9/28/2019 11:55	29.24	85.4	5.42	3.2	SR5	9/28/2019 17:55	29.21	87.4	5.58	6.3	SR5	9/28/2019 23:55	29.09	80.6	5.45	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)
SR12	9/28/2019 0:01	29.08	80.5	5.36	4.2	SR12	9/28/2019 6:01	29.05	73.1	4.89	4.1	SR12	9/28/2019 12:01	29.16	76.4	5.12	5.8	SR12	9/28/2019 18:01	29.15	77.9	5.21	4.9
SR12	9/28/2019 0:06	29.08	80.4	5.37	4.6	SR12	9/28/2019 6:06	29.05	73.0	4.87	4.2	SR12	9/28/2019 12:06	29.16	75.8	5.09	5.4	SR12	9/28/2019 18:06	29.15	77.3	5.19	4.3
SR12	9/28/2019 0:11	29.08	80.7	5.40	4.3	SR12	9/28/2019 6:11	29.05	71.5	4.79	4.5	SR12	9/28/2019 12:11	29.17	76.9	5.12	5.5	SR12	9/28/2019 18:11	29.15	76.7	5.15	4.0
SR12	9/28/2019 0:16	29.09	79.9	5.32	4.4	SR12	9/28/2019 6:16	29.05	72.7	4.89	4.0	SR12	9/28/2019 12:16	29.17	76.8	5.17	5.6	SR12	9/28/2019 18:16	29.14	77.8	5.20	4.8
SR12	9/28/2019 0:21	29.08	79.1	5.32	4.2	SR12	9/28/2019 6:21	29.04	73.2	4.88	3.8	SR12	9/28/2019 12:21	29.16	77.2	5.16	6.2	SR12	9/28/2019 18:21	29.15	76.8	5.16	4.2
SR12	9/28/2019 0:26	29.08	80.4	5.35	4.5	SR12	9/28/2019 6:26	29.05	72.4	4.83	4.0	SR12	9/28/2019 12:26	29.15	76.4	5.13	6.5	SR12	9/28/2019 18:26	29.15	76.6	5.12	6.0
SR12	9/28/2019 0:31	29.08	80.7	5.43	4.6	SR12	9/28/2019 6:31	29.05	72.0	4.84	3.8	SR12	9/28/2019 12:31	29.14	76.4	5.13	6.2	SR12	9/28/2019 18:31	29.15	76.4	5.12	4.6
SR12	9/28/2019 0:36	29.07	79.9	5.32	4.5	SR12	9/28/2019 6:36	29.05	72.8	4.87	3.9	SR12	9/28/2019 12:36	29.14	77.3	5.17	5.9	SR12	9/28/2019 18:36	29.15	76.0	5.07	4.1
SR12	9/28/2019 0:41	29.08	79.2	5.31	4.9	SR12	9/28/2019 6:41	29.05	73.2	4.92	4.9	SR12	9/28/2019 12:41	29.15	77.9	5.21	6.0	SR12	9/28/2019 18:41	29.14	75.4	5.07	4.0
SR12	9/28/2019 0:46	29.07	79.9	5.32	4.8	SR12	9/28/2019 6:46	29.06	72.1	4.81	3.8	SR12	9/28/2019 12:46	29.15	78.4	5.24	9.8	SR12	9/28/2019 18:46	29.15	75.1	5.04	4.5
SR12	9/28/2019 0:51	29.08	80.8	5.40	4.5	SR12	9/28/2019 6:51	29.04	71.3	4.79	4.1	SR12	9/28/2019 12:51	29.15	78.2	5.21	6.6	SR12	9/28/2019 18:51	29.14	74.2	4.96	3.9
SR12	9/28/2019 0:56	29.07	81.0	5.41	4.8	SR12	9/28/2019 6:56	29.05	72.2	4.84	3.5	SR12	9/28/2019 12:56	29.16	77.1	5.17	6.0	SR12	9/28/2019 18:56	29.13	74.3	4.96	3.6
SR12	9/28/2019 1:01	29.08	81.9	5.51	6.5	SR12	9/28/2019 7:01	29.04	71.1	4.76	3.9	SR12	9/28/2019 13:01	29.16	76.5	5.13	6.8	SR12	9/28/2019 19:01	29.13	74.1	4.96	3.6
SR12	9/28/2019 1:06	29.08	82.5	5.51	5.0	SR12	9/28/2019 7:06	29.05	72.6	4.87	4.0	SR12	9/28/2019 13:06	29.11	77.5	5.21	7.6	SR12	9/28/2019 19:06	29.13	73.9	4.96	3.9
SR12	9/28/2019 1:11	29.07	82.3	5.48	4.6	SR12	9/28/2019 7:11	29.05	74.0	4.95	5.1	SR12	9/28/2019 13:11	29.11	77.4	5.21	8.1	SR12	9/28/2019 19:11	29.14	74.4	4.97	3.8
SR12	9/28/2019 1:16	29.08	82.0	5.48	4.5	SR12	9/28/2019 7:16	29.05	72.2	4.85	3.8	SR12	9/28/2019 13:16	29.11	77.2	5.19	7.4	SR12	9/28/2019 19:16	29.12	73.5	4.91	3.5
SR12	9/28/2019 1:21	29.08	81.7	5.48	4.7	SR12	9/28/2019 7:21	29.05	72.7	4.89	4.6	SR12	9/28/2019 13:21	29.10	78.5	5.27	7.0	SR12	9/28/2019 19:21	29.13	73.7	4.91	3.5
SR12	9/28/2019 1:26	29.08	82.0	5.52	4.5	SR12	9/28/2019 7:26	29.05	73.9	4.92	3.7	SR12	9/28/2019 13:26	29.11	77.3	5.19	7.6	SR12	9/28/2019 19:26	29.13	75.3	5.01	4.6
SR12	9/28/2019 1:31	29.07	82.5	5.53	4.4	SR12	9/28/2019 7:31	29.04	74.4	4.99	4.9	SR12	9/28/2019 13:31	29.13	78.0	5.21	6.5	SR12	9/28/2019 19:31	29.13	74.4	4.96	4.6
SR12	9/28/2019 1:36	29.07	82.9	5.55	4.6	SR12	9/28/2019 7:36	29.05	74.6	4.97	4.3	SR12	9/28/2019 13:36	29.11	78.0	5.24	7.3	SR12	9/28/2019 19:36	29.12	75.6	5.05	4.2
SR12	9/28/2019 1:41	29.08	83.3	5.56	4.4	SR12	9/28/2019 7:41	29.04	73.4	4.89	5.5	SR12	9/28/2019 13:41	29.11	77.9	5.20	8.0	SR12	9/28/2019 19:41	29.13	74.2	4.99	3.6
SR12	9/28/2019 1:46	29.07	83.5	5.59	4.5	SR12	9/28/2019 7:46	29.04	72.8	4.87	3.6	SR12	9/28/2019 13:46	29.10	78.2	5.23	8.6	SR12	9/28/2019 19:46	29.13	73.9	4.95	4.1
SR12	9/28/2019 1:51	29.08	82.3	5.53	4.5	SR12	9/28/2019 7:51	29.04	74.0	4.95	3.8	SR12	9/28/2019 13:51	29.08	80.4	5.35	**10.1**	SR12	9/28/2019 19:51	29.13	72.9	4.89	4.5
SR12	9/28/2019 1:56	29.08	83.4	5.57	5.8	SR12	9/28/2019 7:56	29.04	73.6	4.92	4.0	SR12	9/28/2019 13:56	29.08	81.3	5.41	**14.1**	SR12	9/28/2019 19:56	29.14	73.2	4.88	4.1
SR12	9/28/2019 2:01	29.08	81.9	5.45	4.2	SR12	9/28/2019 8:01	29.05	74.0	4.97	4.0	SR12	9/28/2019 14:01	29.08	82.1	5.47	**10.6**	SR12	9/28/2019 20:01	29.14	72.8	4.89	4.1
SR12	9/28/2019 2:06	29.08	81.9	5.48	4.4	SR12	9/28/2019 8:06	29.05	72.9	4.89	3.8	SR12	9/28/2019 14:06	29.08	80.4	5.40	9.6	SR12	9/28/2019 20:06	29.14	72.7	4.87	4.1
SR12	9/28/2019 2:11	29.08	82.1	5.47	4.1	SR12	9/28/2019 8:11	29.05	76.2	5.07	3.8	SR12	9/28/2019 14:11	29.08	80.7	5.41	9.8	SR12	9/28/2019 20:11	29.14	72.2	4.85	4.9
SR12	9/28/2019 2:16	29.08	81.2	5.45	4.5	SR12	9/28/2019 8:16	29.05	75.8	5.07	4.1	SR12	9/28/2019 14:16	29.08	79.4	5.32	9.5	SR12	9/28/2019 20:16	29.14	71.2	4.76	4.2
SR12	9/28/2019 2:21	29.07	81.3	5.47	4.3	SR12	9/28/2019 8:21	29.05	74.0	4.97	3.7	SR12	9/28/2019 14:21	29.08	81.0	5.41	**10.4**	SR12	9/28/2019 20:21	29.14	70.8	4.76	4.2
SR12	9/28/2019 2:26	29.08	83.6	5.60	4.9	SR12	9/28/2019 8:26	29.06	73.0	4.88	3.8	SR12	9/28/2019 14:26	29.09	81.3	5.47	9.1	SR12	9/28/2019 20:26	29.14	74.1	4.96	4.1
SR12	9/28/2019 2:31	29.07	83.6	5.59	4.6	SR12	9/28/2019 8:31	29.06	71.5	4.81	4.7	SR12	9/28/2019 14:31	29.11	84.6	5.65	7.7	SR12	9/28/2019 20:31	29.13	73.3	4.91	3.6
SR12	9/28/2019 2:36	29.07	83.1	5.55	5.0	SR12	9/28/2019 8:36	29.07	72.8	4.89	4.0	SR12	9/28/2019 14:36	29.10	84.3	5.67	8.2	SR12	9/28/2019 20:36	29.12	74.3	4.97	3.5
SR12	9/28/2019 2:41	29.07	83.3	5.59	4.4	SR12	9/28/2019 8:41	29.07	73.9	4.93	4.1	SR12	9/28/2019 14:41	29.10	84.6	5.67	7.9	SR12	9/28/2019 20:41	29.11	74.6	4.97	3.0
SR12	9/28/2019 2:46	29.07	82.8	5.55	4.5	SR12	9/28/2019 8:46	29.07	73.7	4.93	4.0	SR12	9/28/2019 14:46	29.10	84.2	5.61	8.0	SR12	9/28/2019 20:46	29.11	73.5	4.93	4.0
SR12	9/28/2019 2:51	29.06	82.1	5.52	4.3	SR12	9/28/2019 8:51	29.07	70.8	4.75	4.3	SR12	9/28/2019 14:51	29.10	83.6	5.60	7.7	SR12	9/28/2019 20:51	29.12	74.3	4.95	3.4
SR12	9/28/2019 2:56	29.07	82.0	5.49	4.1	SR12	9/28/2019 8:56	29.07	71.4	4.77	5.5	SR12	9/28/2019 14:56	29.11	84.2	5.61	8.5	SR12	9/28/2019 20:56	29.12	74.0	4.95	3.2
SR12	9/28/2019 3:01	29.06	82.4	5.51	4.5	SR12	9/28/2019 9:01	29.07	71.5	4.79	6.4	SR12	9/28/2019 15:01	29.12	84.4	5.67	8.4	SR12	9/28/2019 21:01	29.12	72.6	4.88	3.5
SR12	9/28/2019 3:06	29.06	81.3	5.47	4.3	SR12	9/28/2019 9:06	29.07	71.6	4.79	5.3	SR12	9/28/2019 15:06	29.12	84.3	5.67	8.4	SR12	9/28/2019 21:06	29.11	72.6	4.88	3.4
SR12	9/28/2019 3:11	29.05	81.6	5.45	4.3	SR12	9/28/2019 9:11	29.07	72.4	4.85	5.0	SR12	9/28/2019 15:11	29.12	84.8	5.65	7.4	SR12	9/28/2019 21:11	29.12	75.1	5.00	3.5
SR12	9/28/2019 3:16	29.04	81.3	5.47	4.3	SR12	9/28/2019 9:16	29.07	72.1	4.85	4.8	SR12	9/28/2019 15:16	29.11	85.7	5.71	8.0	SR12	9/28/2019 21:16	29.11	73.8	4.96	3.4
SR12	9/28/2019 3:21	29.04	82.5	5.51	4.5	SR12	9/28/2019 9:21	29.07	71.5	4.81	4.7	SR12	9/28/2019 15:21	29.12	85.7	5.75	7.8	SR12	9/28/2019 21:21	29.12	73.4	4.91	3.5
SR12	9/28/2019 3:26	29.05	80.8	5.41	3.8	SR12	9/28/2019 9:26	29.13	75.2	5.04	4.1	SR12	9/28/2019 15:26	29.12	86.5	5.76	7.8	SR12	9/28/2019 21:26	29.11	71.2	4.75	3.0
SR12	9/28/2019 3:31	29.04	79.6	5.32	4.0	SR12	9/28/2019 9:31	29.11	74.4	5.01	4.2	SR12	9/28/2019 15:31	29.12	85.4	5.72	7.5	SR12	9/28/2019 21:31	29.12	72.7	4.88	4.0
SR12	9/28/2019 3:36	29.04	79.4	5.32	3.9	SR12	9/28/2019 9:36	29.09	74.3	4.95	5.3	SR12	9/28/2019 15:36	29.12	86.1	5.75	5.9	SR12	9/28/2019 21:36	29.12	71.6	4.77	4.8
SR12	9/28/2019 3:41	29.03	79.0	5.29	3.9	SR12	9/28/2019 9:41	29.10	77.2	5.17	5.2	SR12	9/28/2019 15:41	29.12	86.0	5.73	6.1	SR12	9/28/2019 21:41	29.13	70.4	4.73	3.6
SR12	9/28/2019 3:46	29.04	79.4	5.31	4.1	SR12	9/28/2019 9:46	29.11	77.2	5.17	4.8	SR12	9/28/2019 15:46	29.11	96.1	6.40	5.7	SR12	9/28/2019 21:46	29.13	70.8	4.73	3.7
SR12	9/28/2019 3:51	29.05	81.8	5.48	6.2	SR12	9/28/2019 9:51	29.12	76.6	5.11	4.5	SR12	9/28/2019 15:51	29.11	86.6	5.81	6.0	SR12	9/28/2019 21:51	29.13	72.0	4.80	4.9
SR12	9/28/2019 3:56	29.05	82.2	5.47	4.6	SR12	9/28/2019 9:56	29.14	77.1	5.13	6.1	SR12	9/28/2019 15:56	29.12	86.4	5.80	6.4	SR12	9/28/2019 21:56	29.13	72.5	4.83	4.1
SR12	9/28/2019 4:01	29.05	80.6	5.41	4.3	SR12	9/28/2019 10:01	29.17	75.8	5.07	4.4	SR12	9/28/2019 16:01	29.11	87.2	5.81	5.1	SR12	9/28/2019 22:01	29.12	72.0	4.83	3.4
SR12	9/28/2019 4:06	29.06	80.3	5.37	4.0	SR12	9/28/2019 10:06	29.11	75.0	5.01	4.5	SR12	9/28/2019 16:06	29.12	87.1	5.83	5.4	SR12	9/28/2019 22:06	29.12	72.1	4.81	2.8
SR12	9/28/2019 4:11	29.06	80.1	5.39	4.2	SR12	9/28/2019 10:11	29.12	73.9	4.93	4.5	SR12	9/28/2019 16:11	29.13	86.3	5.77	5.5	SR12	9/28/2019 22:11	29.13	71.5	4.77	3.5
SR12	9/28/2019 4:16	29.06	79.1	5.27	4.1	SR12	9/28/2019 10:16	29.20	76.7	5.16	4.4	SR12	9/28/2019 16:16	29.13	85.5	5.75	5.9	SR12	9/28/2019 22:16	29.13	71.7	4.79	3.8
SR12	9/28/2019 4:21	29.06	77.5	5.17	4.0	SR12	9/28/2019 10:21	29.18	78.0	5.19	4.8	SR12	9/28/2019 16:21	29.12	87.4	5.83	4.6	SR12	9/28/2019 22:21	29.13	70.9	4.77	4.0
SR12	9/28/2019 4:26	29.06	76.0	5.11	4.2	SR12	9/28/2019 10:26	29.16	77.6	5.20	4.1	SR12	9/28/2019 16:26	29.13	86.9	5.81	4.4	SR12	9/28/2019 22:26	29.13	72.9	4.89	4.3
SR12	9/28/2019 4:31	29.06	75.2	5.04	4.3	SR12	9/28/2019 10:31	29.15	76.2	5.12	4.8	SR12	9/28/2019 16:31	29.13	86.6	5.83	4.8	SR12	9/28/2019 22:31	29.13	73.0	4.89	4.0
SR12	9/28/2019 4:36	29.06	75.6	5.09	4.3	SR12	9/28/2019 10:36	29.14	76.7	5.16	5.0	SR12	9/28/2019 16:36	29.14	86.9	5.80	4.6	SR12	9/28/2019 22:36	29.13	72.7	4.88	4.0
SR12	9/28/2019 4:41	29.06	77.4	5.20	6.2	SR12	9/28/2019 10:41	29.16	77.1	5.16	4.6	SR12	9/28/2019 16:41	29.14	86.5	5.81	4.5	SR12	9/28/2019 22:41	29.13	72.7	4.85	3.8
SR12	9/28/2019 4:46	29.05	77.3	5.16	4.8	SR12	9/28/2019 10:46	29.16	76.7	5.12	4.2	SR12	9/28/2019 16:46	29.13	87.2	5.84	3.7	SR12	9/28/2019 22:46	29.13	73.2	4.91	4.6
SR12	9/28/2019 4:51	29.06	75.8	5.05	4.6	SR12	9/28/2019 10:51	29.14	77.2	5.16	5.0	SR12	9/28/2019 16:51	29.13	86.3	5.77	3.7	SR12	9/28/2019 22:51	29.13	73.8	4.95	4.3
SR12	9/28/2019 4:56	29.06	74.9	5.00	4.6	SR12	9/28/2019 10:56	29.15	76.4	5.11	5.6	SR12	9/28/2019 16:56	29.13	86.4	5.77	4.0	SR12	9/28/2019 22:56	29.13	72.8	4.89	4.4
SR12	9/28/2019 5:01	29.06	74.7	5.00	4.4	SR12	9/28/2019 11:01	29.14	75.6	5.08	6.0	SR12	9/28/2019 17:01	29.14	85.1	5.71	4.2	SR12	9/28/2019 23:01	29.12	72.3	4.83	3.8
SR12	9/28/2019 5:06	29.06	73.1	4.89	3.8	SR12	9/28/2019 11:06	29.13	76.3	5.08	5.8	SR12	9/28/2019 17:06	29.14	85.3	5.69	4.2	SR12	9/28/2019 23:06	29.11	72.2	4.83	3.8
SR12	9/28/2019 5:11	29.06	72.3	4.84	5.4	SR12	9/28/2019 11:11	29.16	75.5	5.04	5.2	SR12	9/28/2019 17:11	29.14	84.7	5.67	4.4	SR12	9/28/2019 23:11	29.09	73.9	4.95	3.2
SR12	9/28/2019 5:16	29.05	73.9	4.97	5.0	SR12	9/28/2019 11:16	29.15	77.1	5.15	4.9	SR12	9/28/2019 17:16	29.14	84.1	5.63	4.5	SR12	9/28/2019 23:16	29.09	73.2	4.91	3.2
SR12	9/28/2019 5:21	29.05	73.8	4.95	4.6	SR12	9/28/2019 11:21	29.13	77.3	5.15	5.5	SR12	9/28/2019 17:21	29.14	84.1	5.63	5.8	SR12	9/28/2019 23:21	29.09	73.0	4.89	3.3
SR12	9/28/2019 5:26	29.05	73.4	4.93	4.3	SR12	9/28/2019 11:26	29.17	77.4	5.17	5.3	SR12	9/28/2019 17:26	29.14	84.5	5.64	5.6	SR12	9/28/2019 23:26	29.09	72.4	4.84	3.4
SR12	9/28/2019 5:31	29.06	75.2	5.05	6.0	SR12	9/28/2019 11:31	29.16	77.6	5.19	5.5	SR12	9/28/2019 17:31	29.14	82.8	5.53	5.9	SR12	9/28/2019 23:31	29.10	72.8	4.85	3.8
SR12	9/28/2019 5:36	29.06	74.3	4.95	4.5	SR12	9/28/2019 11:36	29.14	77.4	5.21	5.8	SR12	9/28/2019 17:36	29.14	81.8	5.47	5.7	SR12	9/28/2019 23:36	29.10	72.1	4.85	3.8
SR12	9/28/2019 5:41	29.06	72.6	4.84	3.9	SR12	9/28/2019 11:41	29.16	77.4	5.20	5.7	SR12	9/28/2019 17:41	29.14	80.4	5.41	5.0	SR12	9/28/2019 23:41	29.11	72.0	4.84	3.6
SR12	9/28/2019 5:46	29.05	73.6	4.92	5.2	SR12	9/28/2019 11:46	29.17	77.3	5.17	5.5	SR12	9/28/2019 17:46	29.14	79.7	5.35	5.2	SR12	9/28/2019 23:46	29.11	73.4	4.89	3.5
SR12	9/28/2019 5:51	29.05	72.7	4.84	4.4	SR12	9/28/2019 11:51	29.16	77.1	5.13	9.8	SR12	9/28/2019 17:51	29.14	79.0	5.31	4.6	SR12	9/28/2019 23:51	29.11	73.8	4.93	3.9
SR12	9/28/2019 5:56	29.06	73.1	4.91	4.4	SR12	9/28/2019 11:56	29.16	77.7	5.20	6.5	SR12	9/28/2019 17:56	29.15	78.9	5.27	4.6	SR12	9/28/2019 23:56	29.11	74.6	5.00	4.2

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	9/28/2019 0:00	29.31	80.0	5.50	5.2	SR13	9/28/2019 6:00	29.26	77.3	5.29	5.0	SR13	9/28/2019 12:00	29.49	79.5	5.42	6.1	SR13	9/28/2019 18:00	29.25	80.4	5.54	5.4
SR13	9/28/2019 0:05	29.31	77.1	5.26	5.2	SR13	9/28/2019 6:05	29.26	76.9	5.24	5.2	SR13	9/28/2019 12:05	29.50	79.5	5.42	5.6	SR13	9/28/2019 18:05	29.19	79.8	5.47	6.1
SR13	9/28/2019 0:10	29.31	79.2	5.44	5.1	SR13	9/28/2019 6:10	29.26	77.0	5.26	5.6	SR13	9/28/2019 12:10	29.50	80.1	5.51	6.7	SR13	9/28/2019 18:10	29.16	79.3	5.41	5.2
SR13	9/28/2019 0:15	29.30	78.7	5.35	4.9	SR13	9/28/2019 6:15	29.28	77.8	5.34	5.7	SR13	9/28/2019 12:15	29.50	79.3	5.40	5.3	SR13	9/28/2019 18:15	29.19	78.7	5.38	5.8
SR13	9/28/2019 0:20	29.30	75.9	5.21	4.8	SR13	9/28/2019 6:20	29.28	78.0	5.36	6.0	SR13	9/28/2019 12:20	29.49	79.7	5.46	5.4	SR13	9/28/2019 18:20	29.18	80.2	5.51	5.1
SR13	9/28/2019 0:25	29.30	79.2	5.40	4.5	SR13	9/28/2019 6:25	29.29	77.8	5.30	5.6	SR13	9/28/2019 12:25	29.51	79.6	5.43	6.7	SR13	9/28/2019 18:25	29.22	78.6	5.39	6.3
SR13	9/28/2019 0:30	29.30	80.4	5.48	4.6	SR13	9/28/2019 6:30	29.27	77.1	5.30	5.7	SR13	9/28/2019 12:30	29.55	78.6	5.34	6.8	SR13	9/28/2019 18:30	29.22	79.9	5.44	6.0
SR13	9/28/2019 0:35	29.30	78.7	5.37	4.9	SR13	9/28/2019 6:35	29.28	75.8	5.21	5.5	SR13	9/28/2019 12:35	29.56	78.9	5.41	5.6	SR13	9/28/2019 18:35	29.27	79.6	5.44	5.3
SR13	9/28/2019 0:40	29.31	80.4	5.50	6.7	SR13	9/28/2019 6:40	29.28	76.3	5.23	5.5	SR13	9/28/2019 12:40	29.54	77.8	5.31	6.0	SR13	9/28/2019 18:40	29.19	79.5	5.43	5.5
SR13	9/28/2019 0:45	29.30	82.0	5.61	5.5	SR13	9/28/2019 6:45	29.29	76.6	5.24	5.8	SR13	9/28/2019 12:45	29.53	79.6	5.44	6.6	SR13	9/28/2019 18:45	29.19	78.3	5.34	5.7
SR13	9/28/2019 0:50	29.29	82.0	5.57	5.4	SR13	9/28/2019 6:50	29.29	77.4	5.29	6.2	SR13	9/28/2019 12:50	29.54	77.7	5.33	6.3	SR13	9/28/2019 18:50	29.14	78.7	5.39	6.0
SR13	9/28/2019 0:55	29.29	81.3	5.52	5.1	SR13	9/28/2019 6:55	29.29	75.8	5.18	5.4	SR13	9/28/2019 12:55	29.56	76.2	5.21	5.6	SR13	9/28/2019 18:55	29.21	75.5	5.14	4.4
SR13	9/28/2019 1:00	29.29	80.5	5.50	4.6	SR13	9/28/2019 7:00	29.29	77.5	5.29	5.8	SR13	9/28/2019 13:00	29.55	78.1	5.34	7.1	SR13	9/28/2019 19:00	29.22	76.1	5.17	4.9
SR13	9/28/2019 1:05	29.29	80.6	5.51	5.5	SR13	9/28/2019 7:05	29.29	76.6	5.22	5.7	SR13	9/28/2019 13:05	29.55	76.0	5.18	6.0	SR13	9/28/2019 19:05	29.16	76.9	5.22	5.5
SR13	9/28/2019 1:10	29.29	79.5	5.42	4.8	SR13	9/28/2019 7:10	29.29	77.3	5.30	6.1	SR13	9/28/2019 13:10	29.53	78.6	5.38	5.6	SR13	9/28/2019 19:10	29.22	77.6	5.30	5.1
SR13	9/28/2019 1:15	29.29	80.1	5.48	5.0	SR13	9/28/2019 7:15	29.29	76.2	5.18	5.6	SR13	9/28/2019 13:15	29.50	77.0	5.29	6.3	SR13	9/28/2019 19:15	29.20	78.6	5.36	5.3
SR13	9/28/2019 1:20	29.29	80.3	5.50	4.8	SR13	9/28/2019 7:20	29.28	75.7	5.18	6.1	SR13	9/28/2019 13:20	29.51	77.8	5.33	6.4	SR13	9/28/2019 19:20	29.24	78.8	5.41	5.9
SR13	9/28/2019 1:25	29.29	80.7	5.49	5.0	SR13	9/28/2019 7:25	29.29	76.7	5.25	5.4	SR13	9/28/2019 13:25	29.51	76.6	5.27	6.8	SR13	9/28/2019 19:25	29.25	75.9	5.19	6.4
SR13	9/28/2019 1:30	29.29	81.3	5.59	4.7	SR13	9/28/2019 7:30	29.29	76.9	5.26	5.5	SR13	9/28/2019 13:30	29.49	77.4	5.29	7.1	SR13	9/28/2019 19:30	29.29	76.5	5.23	6.9
SR13	9/28/2019 1:35	29.29	80.6	5.51	4.8	SR13	9/28/2019 7:35	29.29	76.4	5.23	5.5	SR13	9/28/2019 13:35	29.47	74.3	5.09	8.3	SR13	9/28/2019 19:35	29.19	76.3	5.22	6.0
SR13	9/28/2019 1:40	29.29	78.6	5.36	4.9	SR13	9/28/2019 7:40	29.29	76.7	5.25	5.7	SR13	9/28/2019 13:40	29.46	74.9	5.11	7.4	SR13	9/28/2019 19:40	29.18	76.9	5.25	7.3
SR13	9/28/2019 1:45	29.28	80.4	5.51	4.6	SR13	9/28/2019 7:45	29.30	79.3	5.42	7.0	SR13	9/28/2019 13:45	29.47	75.2	5.17	6.6	SR13	9/28/2019 19:45	29.15	75.7	5.16	6.2
SR13	9/28/2019 1:50	29.29	78.4	5.36	4.7	SR13	9/28/2019 7:50	29.29	78.6	5.34	5.8	SR13	9/28/2019 13:50	29.47	77.0	5.28	7.9	SR13	9/28/2019 19:50	29.13	73.7	5.05	6.2
SR13	9/28/2019 1:55	29.29	77.0	5.27	4.8	SR13	9/28/2019 7:55	29.28	79.1	5.40	5.8	SR13	9/28/2019 13:55	29.46	78.4	5.36	7.7	SR13	9/28/2019 19:55	29.21	76.1	5.21	6.4
SR13	9/28/2019 2:00	29.29	79.1	5.43	5.0	SR13	9/28/2019 8:00	29.28	77.4	5.30	5.3	SR13	9/28/2019 14:00	29.46	78.4	5.38	7.6	SR13	9/28/2019 20:00	29.25	76.7	5.25	5.3
SR13	9/28/2019 2:05	29.29	80.3	5.51	6.0	SR13	9/28/2019 8:05	29.29	75.6	5.20	5.4	SR13	9/28/2019 14:05	29.45	78.8	5.42	7.9	SR13	9/28/2019 20:05	29.19	76.9	5.25	6.3
SR13	9/28/2019 2:10	29.29	80.0	5.49	5.4	SR13	9/28/2019 8:10	29.28	77.4	5.31	6.5	SR13	9/28/2019 14:10	29.46	81.4	5.53	6.6	SR13	9/28/2019 20:10	29.23	74.6	5.10	4.8
SR13	9/28/2019 2:15	29.28	80.9	5.50	4.9	SR13	9/28/2019 8:15	29.29	76.6	5.23	5.2	SR13	9/28/2019 14:15	29.45	80.9	5.51	7.0	SR13	9/28/2019 20:15	29.25	75.0	5.15	4.8
SR13	9/28/2019 2:20	29.27	80.4	5.48	5.0	SR13	9/28/2019 8:20	29.29	78.6	5.37	5.6	SR13	9/28/2019 14:20	29.45	81.4	5.54	7.4	SR13	9/28/2019 20:20	29.26	78.1	5.33	5.0
SR13	9/28/2019 2:25	29.27	78.6	5.34	5.5	SR13	9/28/2019 8:25	29.29	79.2	5.41	5.1	SR13	9/28/2019 14:25	29.45	81.6	5.57	8.2	SR13	9/28/2019 20:25	29.22	75.5	5.16	5.7
SR13	9/28/2019 2:30	29.27	79.3	5.41	5.0	SR13	9/28/2019 8:30	29.29	77.7	5.31	4.9	SR13	9/28/2019 14:30	29.45	82.7	5.66	7.6	SR13	9/28/2019 20:30	29.26	77.0	5.28	5.7
SR13	9/28/2019 2:35	29.28	79.4	5.40	4.4	SR13	9/28/2019 8:35	29.29	76.4	5.23	6.2	SR13	9/28/2019 14:35	29.44	82.7	5.62	7.5	SR13	9/28/2019 20:35	29.25	75.7	5.19	5.1
SR13	9/28/2019 2:40	29.27	79.0	5.41	4.8	SR13	9/28/2019 8:40	29.29	78.8	5.39	6.4	SR13	9/28/2019 14:40	29.46	82.5	5.65	8.6	SR13	9/28/2019 20:40	29.20	74.2	5.10	4.8
SR13	9/28/2019 2:45	29.27	79.9	5.47	5.2	SR13	9/28/2019 8:45	29.29	77.3	5.29	5.8	SR13	9/28/2019 14:45	29.45	84.1	5.77	7.7	SR13	9/28/2019 20:45	29.21	75.0	5.14	5.3
SR13	9/28/2019 2:50	29.27	77.8	5.29	4.9	SR13	9/28/2019 8:50	29.29	77.6	5.29	5.3	SR13	9/28/2019 14:50	29.45	85.0	5.82	6.8	SR13	9/28/2019 20:50	29.27	73.4	5.02	4.9
SR13	9/28/2019 2:55	29.28	79.3	5.41	5.1	SR13	9/28/2019 8:55	29.30	77.4	5.30	6.9	SR13	9/28/2019 14:55	29.46	85.0	5.81	7.3	SR13	9/28/2019 20:55	29.30	75.7	5.19	5.0
SR13	9/28/2019 3:00	29.28	78.3	5.33	5.3	SR13	9/28/2019 9:00	29.30	75.3	5.16	5.0	SR13	9/28/2019 15:00	29.46	82.5	5.65	7.6	SR13	9/28/2019 21:00	29.25	74.4	5.09	5.3
SR13	9/28/2019 3:05	29.29	76.4	5.24	4.8	SR13	9/28/2019 9:05	29.34	80.2	5.50	5.4	SR13	9/28/2019 15:05	29.48	84.9	5.78	8.2	SR13	9/28/2019 21:05	29.19	74.9	5.13	4.9
SR13	9/28/2019 3:10	29.30	76.8	5.25	4.8	SR13	9/28/2019 9:10	29.31	79.3	5.43	5.6	SR13	9/28/2019 15:10	29.50	82.6	5.66	6.8	SR13	9/28/2019 21:10	29.23	75.1	5.14	5.5
SR13	9/28/2019 3:15	29.30	80.2	5.48	5.0	SR13	9/28/2019 9:15	29.32	78.9	5.41	5.3	SR13	9/28/2019 15:15	29.49	59.6	**4.12**	5.9	SR13	9/28/2019 21:15	29.22	74.7	5.13	6.0
SR13	9/28/2019 3:20	29.31	78.8	5.40	5.1	SR13	9/28/2019 9:20	29.32	79.5	5.47	5.5	SR13	9/28/2019 15:20	29.50	57.6	**3.97**	5.9	SR13	9/28/2019 21:20	29.17	71.4	4.91	4.5
SR13	9/28/2019 3:25	29.32	80.1	5.48	5.2	SR13	9/28/2019 9:25	29.33	80.3	5.48	5.3	SR13	9/28/2019 15:25	29.50	61.6	4.24	5.7	SR13	9/28/2019 21:25	29.24	75.9	5.20	5.3
SR13	9/28/2019 3:30	29.32	81.3	5.53	5.9	SR13	9/28/2019 9:30	29.34	79.1	5.41	4.9	SR13	9/28/2019 15:30	29.50	59.5	**4.13**	5.7	SR13	9/28/2019 21:30	29.17	76.2	5.19	5.5
SR13	9/28/2019 3:35	29.32	82.4	5.59	6.0	SR13	9/28/2019 9:35	29.35	82.0	5.58	5.7	SR13	9/28/2019 15:35	29.50	81.2	5.55	5.9	SR13	9/28/2019 21:35	29.18	75.9	5.22	5.5
SR13	9/28/2019 3:40	29.31	81.7	5.56	5.5	SR13	9/28/2019 9:40	29.36	78.9	5.42	5.5	SR13	9/28/2019 15:40	29.51	82.6	5.62	5.4	SR13	9/28/2019 21:40	29.19	77.9	5.33	5.0
SR13	9/28/2019 3:45	29.32	81.1	5.57	5.6	SR13	9/28/2019 9:45	29.34	81.7	5.57	5.3	SR13	9/28/2019 15:45	29.49	81.8	5.59	5.4	SR13	9/28/2019 21:45	29.20	75.1	5.12	5.0
SR13	9/28/2019 3:50	29.32	79.9	5.48	5.5	SR13	9/28/2019 9:50	29.36	79.8	5.44	5.2	SR13	9/28/2019 15:50	29.51	81.9	5.58	5.7	SR13	9/28/2019 21:50	29.15	74.9	5.11	5.0
SR13	9/28/2019 3:55	29.31	79.0	5.39	6.0	SR13	9/28/2019 9:55	29.40	81.9	5.61	5.6	SR13	9/28/2019 15:55	29.42	80.0	5.46	5.5	SR13	9/28/2019 21:55	29.18	76.1	5.20	4.7
SR13	9/28/2019 4:00	29.30	78.9	5.39	5.4	SR13	9/28/2019 10:00	29.38	83.0	5.65	5.3	SR13	9/28/2019 16:00	29.38	82.7	5.63	5.7	SR13	9/28/2019 22:00	29.14	75.3	5.15	4.7
SR13	9/28/2019 4:05	29.30	76.6	5.25	5.3	SR13	9/28/2019 10:05	29.38	80.9	5.55	4.9	SR13	9/28/2019 16:05	29.27	85.1	5.79	5.2	SR13	9/28/2019 22:05	29.19	75.8	5.18	5.0
SR13	9/28/2019 4:10	29.30	77.7	5.32	5.2	SR13	9/28/2019 10:10	29.39	80.5	5.51	5.3	SR13	9/28/2019 16:10	29.32	84.3	5.75	5.3	SR13	9/28/2019 22:10	29.17	75.0	5.15	5.2
SR13	9/28/2019 4:15	29.30	77.3	5.31	5.4	SR13	9/28/2019 10:15	29.38	81.0	5.57	5.2	SR13	9/28/2019 16:15	29.26	83.2	5.69	5.1	SR13	9/28/2019 22:15	29.22	73.9	5.05	5.1
SR13	9/28/2019 4:20	29.29	78.1	5.31	6.0	SR13	9/28/2019 10:20	29.41	82.5	5.65	5.1	SR13	9/28/2019 16:20	29.32	83.4	5.71	8.3	SR13	9/28/2019 22:20	29.21	76.0	5.23	4.8
SR13	9/28/2019 4:25	29.30	79.9	5.46	5.6	SR13	9/28/2019 10:25	29.39	82.6	5.63	5.0	SR13	9/28/2019 16:25	29.25	84.0	5.74	4.8	SR13	9/28/2019 22:25	29.20	75.3	5.16	5.3
SR13	9/28/2019 4:30	29.29	80.1	5.45	6.0	SR13	9/28/2019 10:30	29.39	80.8	5.54	5.1	SR13	9/28/2019 16:30	29.29	85.3	5.83	5.2	SR13	9/28/2019 22:30	29.26	76.7	5.25	4.9
SR13	9/28/2019 4:35	29.30	79.5	5.44	6.1	SR13	9/28/2019 10:35	29.41	82.4	5.65	6.5	SR13	9/28/2019 16:35	29.29	84.9	5.77	5.2	SR13	9/28/2019 22:35	29.20	74.8	5.13	5.1
SR13	9/28/2019 4:40	29.29	79.1	5.38	5.7	SR13	9/28/2019 10:40	29.38	79.6	5.45	5.8	SR13	9/28/2019 16:40	29.29	84.0	5.76	5.4	SR13	9/28/2019 22:40	29.23	77.1	5.30	5.0
SR13	9/28/2019 4:45	29.30	76.8	5.27	5.3	SR13	9/28/2019 10:45	29.37	81.8	5.61	5.4	SR13	9/28/2019 16:45	29.27	83.9	5.72	5.2	SR13	9/28/2019 22:45	29.26	76.5	5.26	5.2
SR13	9/28/2019 4:50	29.29	77.5	5.28	6.1	SR13	9/28/2019 10:50	29.39	81.0	5.53	5.9	SR13	9/28/2019 16:50	29.29	83.1	5.68	5.5	SR13	9/28/2019 22:50	29.27	77.9	5.32	4.7
SR13	9/28/2019 4:55	29.29	78.9	5.42	6.2	SR13	9/28/2019 10:55	29.39	81.5	5.58	5.8	SR13	9/28/2019 16:55	29.24	85.3	5.82	6.8	SR13	9/28/2019 22:55	29.18	76.2	5.21	4.6
SR13	9/28/2019 5:00	29.29	79.3	5.44	5.3	SR13	9/28/2019 11:00	29.38	82.8	5.66	5.8	SR13	9/28/2019 17:00	29.31	83.7	5.73	6.3	SR13	9/28/2019 23:00	29.17	76.8	5.25	4.6
SR13	9/28/2019 5:05	29.28	79.5	5.45	5.3	SR13	9/28/2019 11:05	29.38	81.9	5.58	5.3	SR13	9/28/2019 17:05	29.33	84.0	5.72	6.1	SR13	9/28/2019 23:05	29.23	77.5	5.30	5.0
SR13	9/28/2019 5:10	29.29	79.2	5.43	6.0	SR13	9/28/2019 11:10	29.38	81.9	5.61	6.1	SR13	9/28/2019 17:10	29.25	84.9	5.78	6.1	SR13	9/28/2019 23:10	29.25	76.6	5.22	5.0
SR13	9/28/2019 5:15	29.28	79.7	5.46	5.6	SR13	9/28/2019 11:15	29.42	81.0	5.54	5.3	SR13	9/28/2019 17:15	29.19	82.5	5.63	5.9	SR13	9/28/2019 23:15	29.18	77.0	5.26	5.2
SR13	9/28/2019 5:20	29.28	78.8	5.40	5.4	SR13	9/28/2019 11:20	29.45	81.3	5.54	6.4	SR13	9/28/2019 17:20	29.27	84.6	5.78	5.5	SR13	9/28/2019 23:20	29.15	75.4	5.19	4.5
SR13	9/28/2019 5:25	29.27	79.1	5.41	5.8	SR13	9/28/2019 11:25	29.46	81.6	5.56	6.3	SR13	9/28/2019 17:25	29.23	83.8	5.73	5.6	SR13	9/28/2019 23:25	29.12	76.3	5.23	4.6
SR13	9/28/2019 5:30	29.28	78.7	5.36	4.9	SR13	9/28/2019 11:30	29.45	81.7	5.60	7.3	SR13	9/28/2019 17:30	29.22	84.5	5.78	5.8	SR13	9/28/2019 23:30	29.14	76.5	5.24	4.6
SR13	9/28/2019 5:35	29.28	78.9	5.39	5.0	SR13	9/28/2019 11:35	29.45	80.0	5.49	6.7	SR13	9/28/2019 17:35	29.20	81.7	5.59	5.4	SR13	9/28/2019 23:35	29.19	75.8	5.21	4.7
SR13	9/28/2019 5:40	29.27	77.8	5.29	5.4	SR13	9/28/2019 11:40	29.46	81.6	5.59	6.1	SR13	9/28/2019 17:40	29.18	79.5	5.45	5.5	SR13	9/28/2019 23:40	29.17	76.2	5.22	4.5
SR13	9/28/2019 5:45	29.27	77.9	5.32	5.4	SR13	9/28/2019 11:45	29.46	79.7	5.47	5.7	SR13	9/28/2019 17:45	29.23	80.5	5.49	5.5	SR13	9/28/2019 23:45	29.23	76.7	5.25	5.3
SR13	9/28/2019 5:50	29.27	75.6	5.16	5.5	SR13	9/28/2019 11:50	29.46	81.3	5.53	6.4	SR13	9/28/2019 17:50	29.23	79.7	5.44	4.8	SR13	9/28/2019 23:50	29.23	77.6	5.33	4.7
SR13	9/28/2019 5:55	29.26	77.9	5.35	5.4	SR13	9/28/2019 11:55	29.48	79.4	5.44	5.3	SR13	9/28/2019 17:55	29.30	80.7	5.50	5.9	SR13	9/28/2019 23:55	29.25	77.0	5.26	4.8

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	9/28/2019 0:17	0.17				SR12	9/28/2019 0:17	0.52			
SR4	9/28/2019 0:37	0.17				SR12	9/28/2019 0:37	0.51			
SR4	9/28/2019 0:57	0.18				SR12	9/28/2019 0:57	0.51			
SR4	9/28/2019 1:17	0.21				SR12	9/28/2019 1:17	0.51			
SR4	9/28/2019 1:37	0.21				SR12	9/28/2019 1:37	0.50			
SR4	9/28/2019 1:57	0.21				SR12	9/28/2019 1:57	0.52			
SR4	9/28/2019 2:17	0.19				SR12	9/28/2019 2:17	0.44			
SR4	9/28/2019 2:37	0.20				SR12	9/28/2019 2:37	0.39			
SR4	9/28/2019 2:57	0.21				SR12	9/28/2019 2:57	0.30			
SR4	9/28/2019 3:17	0.20				SR12	9/28/2019 3:17	0.41			
SR4	9/28/2019 3:37	0.21				SR12	9/28/2019 3:37	0.50			
SR4	9/28/2019 3:57	0.21				SR12	9/28/2019 3:57	0.51			
SR4	9/28/2019 4:17	0.21				SR12	9/28/2019 4:17	0.51			
SR4	9/28/2019 4:37	0.21				SR12	9/28/2019 4:37	0.51			
SR4	9/28/2019 4:57	0.21				SR12	9/28/2019 4:57	0.52			
SR4	9/28/2019 5:17	0.20				SR12	9/28/2019 5:17	0.51			
SR4	9/28/2019 5:37	0.20				SR12	9/28/2019 5:37	0.55			
SR4	9/28/2019 5:57	0.19				SR12	9/28/2019 5:57	0.52			
SR4						SR12					
SR4	9/28/2019 6:37	0.20				SR12	9/28/2019 6:37	0.52			
SR4	9/28/2019 6:57	0.22				SR12	9/28/2019 6:57	0.52			
SR4	9/28/2019 7:17	0.23				SR12	9/28/2019 7:17	0.54			
SR4	9/28/2019 7:37	0.22				SR12	9/28/2019 7:37	0.53			
SR4	9/28/2019 7:57	0.22				SR12	9/28/2019 7:57	0.53			
SR4	9/28/2019 8:17	0.22				SR12	9/28/2019 8:17	0.55			
SR4	9/28/2019 8:37	0.21				SR12	9/28/2019 8:37	0.52			
SR4	9/28/2019 8:57	0.22				SR12	9/28/2019 8:57	0.54			
SR4	9/28/2019 9:17	0.21				SR12	9/28/2019 9:17	0.53			
SR4	9/28/2019 9:37	0.21				SR12	9/28/2019 9:37	0.52			
SR4	9/28/2019 9:57	0.23				SR12	9/28/2019 9:57	0.54			
SR4	9/28/2019 10:17	0.21				SR12	9/28/2019 10:17	0.54			
SR4	9/28/2019 10:37	0.22				SR12	9/28/2019 10:37	0.54			
SR4	9/28/2019 10:57	0.22				SR12	9/28/2019 10:57	0.55			
SR4	9/28/2019 11:17	0.22				SR12	9/28/2019 11:17	0.53			
SR4	9/28/2019 11:37	0.23				SR12	9/28/2019 11:37	0.54			
SR4	9/28/2019 11:57	0.23				SR12	9/28/2019 11:57	0.53			
SR4	9/28/2019 12:17	0.23				SR12	9/28/2019 12:17	0.52			
SR4	9/28/2019 12:37	0.21				SR12	9/28/2019 12:37	0.54			
SR4	9/28/2019 12:57	0.23				SR12	9/28/2019 12:57	0.55			
SR4	9/28/2019 13:17	0.23				SR12	9/28/2019 13:17	0.53			
SR4	9/28/2019 13:37	0.23				SR12	9/28/2019 13:37	0.51			
SR4	9/28/2019 13:57	0.23				SR12	9/28/2019 13:57	0.49			
SR4	9/28/2019 14:17	0.21				SR12	9/28/2019 14:17	0.51			
SR4	9/28/2019 14:37	0.22				SR12	9/28/2019 14:37	0.49			
SR4	9/28/2019 14:57	0.22				SR12	9/28/2019 14:57	0.51			
SR4	9/28/2019 15:17	0.21				SR12	9/28/2019 15:17	0.51			
SR4	9/28/2019 15:37	0.21				SR12	9/28/2019 15:37	0.51			
SR4	9/28/2019 15:57	0.23				SR12	9/28/2019 15:57	0.49			
SR4	9/28/2019 16:17	0.23				SR12	9/28/2019 16:17	0.51			
SR4	9/28/2019 16:37	0.23				SR12	9/28/2019 16:37	0.49			
SR4	9/28/2019 16:57	0.23				SR12	9/28/2019 16:57	0.49			
SR4	9/28/2019 17:17	0.21				SR12	9/28/2019 17:17	0.47			
SR4	9/28/2019 17:37	0.22				SR12	9/28/2019 17:37	0.45			
SR4	9/28/2019 17:57	0.22				SR12	9/28/2019 17:57	0.48			
SR4	9/28/2019 18:17	0.21				SR12	9/28/2019 18:17	0.46			
SR4	9/28/2019 18:37	0.19				SR12	9/28/2019 18:37	0.46			
SR4	9/28/2019 18:57	0.20				SR12	9/28/2019 18:57	0.46			
SR4	9/28/2019 19:17	0.19				SR12	9/28/2019 19:17	0.46			
SR4	9/28/2019 19:37	0.19				SR12	9/28/2019 19:37	0.47			
SR4	9/28/2019 19:57	0.19				SR12	9/28/2019 19:57	0.46			
SR4	9/28/2019 20:17	0.21				SR12	9/28/2019 20:17	0.48			
SR4	9/28/2019 20:37	0.20				SR12	9/28/2019 20:37	0.48			
SR4	9/28/2019 20:57	0.20				SR12	9/28/2019 20:57	0.48			
SR4	9/28/2019 21:17	0.21				SR12	9/28/2019 21:17	0.45			
SR4	9/28/2019 21:37	0.21				SR12	9/28/2019 21:37	0.41			
SR4	9/28/2019 21:57	0.21				SR12	9/28/2019 21:57	0.41			
SR4	9/28/2019 22:17	0.20				SR12	9/28/2019 22:17	0.43			
SR4	9/28/2019 22:37	0.20				SR12	9/28/2019 22:37	0.40			
SR4	9/28/2019 22:57	0.19				SR12	9/28/2019 22:57	0.40			
SR4	9/28/2019 23:17	0.20				SR12	9/28/2019 23:17	0.40			
SR4	9/28/2019 23:37	0.19				SR12	9/28/2019 23:37	0.40			
SR4	9/28/2019 23:57	0.20				SR12	9/28/2019 23:57	0.35			

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	9/29/2019 0:01	29.07	78.4	5.19	3.9	SR4	9/29/2019 6:01	28.96	79.1	5.29	4.0	SR4	9/29/2019 12:01	29.15	81.6	5.34	4.4	SR4	9/29/2019 18:01	29.20	87.0	5.71	4.0
SR4	9/29/2019 0:06	29.06	78.2	5.13	4.3	SR4	9/29/2019 6:06	28.94	76.1	5.05	2.5	SR4	9/29/2019 12:06	29.18	78.0	5.18	3.4	SR4	9/29/2019 18:06	29.20	86.5	5.70	3.4
SR4	9/29/2019 0:11	29.07	75.7	5.09	3.8	SR4	9/29/2019 6:11	28.93	78.2	5.23	4.2	SR4	9/29/2019 12:11	29.18	78.9	5.29	4.0	SR4	9/29/2019 18:11	29.18	89.2	5.87	5.1
SR4	9/29/2019 0:16	29.05	77.6	5.13	6.2	SR4	9/29/2019 6:16	28.95	79.5	5.34	5.7	SR4	9/29/2019 12:16	29.18	78.4	5.20	3.9	SR4	9/29/2019 18:16	29.19	88.7	5.81	4.9
SR4	9/29/2019 0:21	29.01	75.9	5.07	3.2	SR4	9/29/2019 6:21	28.96	79.3	5.25	6.7	SR4	9/29/2019 12:21	29.19	75.0	4.92	2.9	SR4	9/29/2019 18:21	29.19	86.4	5.74	5.1
SR4	9/29/2019 0:26	29.02	77.4	5.09	4.2	SR4	9/29/2019 6:26	28.96	79.4	5.19	4.4	SR4	9/29/2019 12:26	29.22	75.0	4.98	2.5	SR4	9/29/2019 18:26	29.26	80.3	5.26	5.2
SR4	9/29/2019 0:31	29.02	76.8	5.04	3.8	SR4	9/29/2019 6:31	28.96	76.9	5.13	4.9	SR4	9/29/2019 12:31	29.24	79.0	5.19	4.4	SR4	9/29/2019 18:31	29.24	80.7	5.30	5.7
SR4	9/29/2019 0:36	28.98	78.8	5.29	4.6	SR4	9/29/2019 6:36	28.96	79.6	5.27	6.4	SR4	9/29/2019 12:36	29.23	78.6	5.20	4.8	SR4	9/29/2019 18:36	29.21	82.0	5.50	5.8
SR4	9/29/2019 0:41	29.02	79.0	5.16	3.7	SR4	9/29/2019 6:41	28.96	78.6	5.19	6.1	SR4	9/29/2019 12:41	29.23	77.9	5.12	4.5	SR4	9/29/2019 18:41	29.20	84.4	5.61	6.7
SR4	9/29/2019 0:46	29.00	75.3	4.98	3.7	SR4	9/29/2019 6:46	28.94	76.9	5.07	7.5	SR4	9/29/2019 12:46	29.28	79.1	5.26	4.4	SR4	9/29/2019 18:46	29.19	82.6	5.50	**20.6**
SR4	9/29/2019 0:51	28.99	72.8	4.79	2.2	SR4	9/29/2019 6:51	28.95	78.8	5.15	6.3	SR4	9/29/2019 12:51	29.30	79.6	5.35	4.0	SR4	9/29/2019 18:51	29.19	82.2	5.46	8.1
SR4	9/29/2019 0:56	29.00	79.5	5.20	3.0	SR4	9/29/2019 6:56	28.95	76.6	5.08	5.2	SR4	9/29/2019 12:56	29.30	77.7	5.20	4.5	SR4	9/29/2019 18:56	29.18	80.8	5.32	6.2
SR4	9/29/2019 1:01	29.01	78.0	5.09	3.1	SR4	9/29/2019 7:01	28.95	77.6	5.20	9.1	SR4	9/29/2019 13:01	29.35	79.3	5.25	3.8	SR4	9/29/2019 19:01	29.17	80.8	5.41	8.3
SR4	9/29/2019 1:06	29.00	76.8	5.02	4.1	SR4	9/29/2019 7:06	28.95	75.7	4.99	7.1	SR4	9/29/2019 13:06	29.44	78.6	5.18	3.0	SR4	9/29/2019 19:06	29.17	82.0	5.38	8.6
SR4	9/29/2019 1:11	29.00	77.2	5.12	2.8	SR4	9/29/2019 7:11	28.97	73.7	4.93	7.5	SR4	9/29/2019 13:11	29.41	79.1	5.27	3.9	SR4	9/29/2019 19:11	29.17	79.6	5.27	7.2
SR4	9/29/2019 1:16	29.00	76.6	5.08	2.9	SR4	9/29/2019 7:16	28.97	74.0	4.97	8.6	SR4	9/29/2019 13:16	29.37	79.0	5.20	7.8	SR4	9/29/2019 19:16	29.16	77.6	5.14	**14.1**
SR4	9/29/2019 1:21	29.00	76.0	5.05	3.1	SR4	9/29/2019 7:21	28.97	74.9	4.98	9.4	SR4	9/29/2019 13:21	29.36	81.1	5.32	3.2	SR4	9/29/2019 19:21	29.17	81.4	5.41	8.9
SR4	9/29/2019 1:26	29.00	72.7	4.87	2.2	SR4	9/29/2019 7:26	28.97	75.4	5.02	8.2	SR4	9/29/2019 13:26	29.37	79.8	5.36	4.4	SR4	9/29/2019 19:26	29.16	80.7	5.31	8.5
SR4	9/29/2019 1:31	29.00	74.2	4.95	3.3	SR4	9/29/2019 7:31	28.97	75.3	5.05	**11.4**	SR4	9/29/2019 13:31	29.35	78.0	5.19	4.0	SR4	9/29/2019 19:31	29.16	79.1	5.29	6.8
SR4	9/29/2019 1:36	29.01	75.9	5.05	2.7	SR4	9/29/2019 7:36	28.97	74.8	4.97	**13.5**	SR4	9/29/2019 13:36	29.41	76.3	5.10	3.3	SR4	9/29/2019 19:36	29.16	78.1	5.24	5.8
SR4	9/29/2019 1:41	29.01	73.0	4.88	2.1	SR4	9/29/2019 7:41	28.97	73.7	4.95	8.2	SR4	9/29/2019 13:41	29.38	74.1	4.91	3.8	SR4	9/29/2019 19:41	29.17	80.2	5.26	6.3
SR4	9/29/2019 1:46	29.01	74.1	4.94	2.5	SR4	9/29/2019 7:46	28.98	74.6	4.99	**10.1**	SR4	9/29/2019 13:46	29.38	74.4	4.96	2.2	SR4	9/29/2019 19:46	29.17	78.9	5.20	6.3
SR4	9/29/2019 1:51	28.96	76.0	5.10	4.1	SR4	9/29/2019 7:51	28.98	74.2	4.93	9.3	SR4	9/29/2019 13:51	29.42	74.7	4.94	3.6	SR4	9/29/2019 19:51	29.17	75.2	5.05	4.8
SR4	9/29/2019 1:56	28.94	79.0	5.20	3.5	SR4	9/29/2019 7:56	28.99	77.5	5.08	**11.7**	SR4	9/29/2019 13:56	29.45	73.7	4.87	3.2	SR4	9/29/2019 19:56	29.17	78.6	5.19	8.1
SR4	9/29/2019 2:01	28.99	73.5	4.93	4.4	SR4	9/29/2019 8:01	28.99	73.7	4.93	6.7	SR4	9/29/2019 14:01	29.42	75.0	4.90	2.9	SR4	9/29/2019 20:01	29.17	75.8	5.02	7.2
SR4	9/29/2019 2:06	28.98	71.8	4.82	4.6	SR4	9/29/2019 8:06	28.99	76.0	4.98	**10.4**	SR4	9/29/2019 14:06	29.36	73.7	4.87	3.1	SR4	9/29/2019 20:06	29.17	74.8	4.88	8.2
SR4	9/29/2019 2:11	28.92	72.0	4.75	2.9	SR4	9/29/2019 8:11	28.99	75.4	4.95	7.4	SR4	9/29/2019 14:11	29.34	75.6	4.95	4.0	SR4	9/29/2019 20:11	29.17	75.8	5.05	7.5
SR4	9/29/2019 2:16	28.92	71.1	4.74	3.0	SR4	9/29/2019 8:16	29.00	75.6	4.94	9.4	SR4	9/29/2019 14:16	29.40	72.5	4.85	2.7	SR4	9/29/2019 20:16	29.16	74.6	4.95	8.0
SR4	9/29/2019 2:21	28.93	68.1	4.55	2.5	SR4	9/29/2019 8:21	29.00	75.2	4.95	9.0	SR4	9/29/2019 14:21	29.39	71.3	4.76	2.4	SR4	9/29/2019 20:21	29.16	74.0	4.90	6.7
SR4	9/29/2019 2:26	28.95	69.0	4.57	2.5	SR4	9/29/2019 8:26	29.00	74.7	4.96	**11.9**	SR4	9/29/2019 14:26	29.34	71.3	4.75	3.5	SR4	9/29/2019 20:26	29.16	75.3	4.94	9.9
SR4	9/29/2019 2:31	28.96	70.8	4.62	2.8	SR4	9/29/2019 8:31	29.00	75.6	4.97	6.9	SR4	9/29/2019 14:31	29.28	69.3	4.65	7.4	SR4	9/29/2019 20:31	29.16	75.4	4.95	6.5
SR4	9/29/2019 2:36	28.98	69.8	4.59	5.5	SR4	9/29/2019 8:36	29.01	76.2	5.01	7.8	SR4	9/29/2019 14:36	29.22	74.6	4.98	5.7	SR4	9/29/2019 20:36	29.16	74.6	4.87	4.9
SR4	9/29/2019 2:41	29.00	69.1	4.58	3.8	SR4	9/29/2019 8:41	29.00	72.9	4.84	5.4	SR4	9/29/2019 14:41	29.21	77.7	5.13	9.3	SR4	9/29/2019 20:41	29.16	76.1	5.01	**14.5**
SR4	9/29/2019 2:46	29.00	69.7	4.59	3.6	SR4	9/29/2019 8:46	29.01	73.5	4.83	6.2	SR4	9/29/2019 14:46	29.21	75.3	5.05	7.7	SR4	9/29/2019 20:46	29.16	76.7	5.01	6.4
SR4	9/29/2019 2:51	29.01	71.1	4.66	3.3	SR4	9/29/2019 8:51	29.02	74.6	4.92	8.8	SR4	9/29/2019 14:51	29.20	77.0	5.04	6.3	SR4	9/29/2019 20:51	29.16	75.5	4.96	7.9
SR4	9/29/2019 2:56	29.00	70.3	4.63	3.2	SR4	9/29/2019 8:56	29.03	73.0	4.87	5.8	SR4	9/29/2019 14:56	29.23	75.0	4.91	**14.3**	SR4	9/29/2019 20:56	29.15	72.3	4.83	4.3
SR4	9/29/2019 3:01	29.00	69.8	4.61	2.9	SR4	9/29/2019 9:01	29.02	74.0	4.96	7.4	SR4	9/29/2019 15:01	29.21	74.9	4.99	6.8	SR4	9/29/2019 21:01	29.16	74.1	4.94	5.7
SR4	9/29/2019 3:06	28.99	68.5	4.57	2.8	SR4	9/29/2019 9:06	29.01	74.6	4.93	4.8	SR4	9/29/2019 15:06	29.20	79.3	5.24	**16.3**	SR4	9/29/2019 21:06	29.16	72.7	4.80	7.3
SR4	9/29/2019 3:11	28.97	69.8	4.64	6.7	SR4	9/29/2019 9:11	29.01	73.5	4.82	6.1	SR4	9/29/2019 15:11	29.21	77.3	5.17	7.1	SR4	9/29/2019 21:11	29.15	72.2	4.81	5.7
SR4	9/29/2019 3:16	28.97	69.4	4.54	2.9	SR4	9/29/2019 9:16	29.01	71.1	4.72	5.6	SR4	9/29/2019 15:16	29.22	76.3	5.13	5.0	SR4	9/29/2019 21:16	29.14	73.0	4.80	9.1
SR4	9/29/2019 3:21	29.01	71.8	4.69	3.3	SR4	9/29/2019 9:21	29.02	73.5	4.92	5.2	SR4	9/29/2019 15:21	29.23	79.4	5.19	5.3	SR4	9/29/2019 21:21	29.15	74.3	4.90	5.8
SR4	9/29/2019 3:26	29.01	72.1	4.79	4.2	SR4	9/29/2019 9:26	29.03	76.4	4.99	6.2	SR4	9/29/2019 15:26	29.24	79.1	5.25	6.4	SR4	9/29/2019 21:26	29.14	72.3	4.72	4.4
SR4	9/29/2019 3:31	29.01	71.7	4.70	2.9	SR4	9/29/2019 9:31	29.03	75.3	5.03	5.2	SR4	9/29/2019 15:31	29.24	78.6	5.21	5.7	SR4	9/29/2019 21:31	29.14	72.3	4.77	5.5
SR4	9/29/2019 3:36	29.02	72.4	4.80	3.5	SR4	9/29/2019 9:36	29.03	75.0	4.97	4.6	SR4	9/29/2019 15:36	29.31	83.8	5.57	5.2	SR4	9/29/2019 21:36	29.14	72.3	4.72	**19.6**
SR4	9/29/2019 3:41	29.02	75.0	4.97	5.0	SR4	9/29/2019 9:41	29.03	75.6	5.01	5.5	SR4	9/29/2019 15:41	29.29	79.0	5.17	5.6	SR4	9/29/2019 21:41	29.14	69.9	4.62	3.3
SR4	9/29/2019 3:46	29.01	73.7	4.91	4.2	SR4	9/29/2019 9:46	29.09	75.2	5.05	3.5	SR4	9/29/2019 15:46	29.28	78.5	5.20	4.2	SR4	9/29/2019 21:46	29.14	70.1	4.62	3.2
SR4	9/29/2019 3:51	28.99	76.1	5.01	5.7	SR4	9/29/2019 9:51	29.09	78.4	5.15	3.0	SR4	9/29/2019 15:51	29.29	78.2	5.16	4.6	SR4	9/29/2019 21:51	29.14	68.6	4.59	5.5
SR4	9/29/2019 3:56	29.00	77.1	5.06	9.7	SR4	9/29/2019 9:56	29.09	77.7	5.17	3.8	SR4	9/29/2019 15:56	29.28	77.3	5.05	2.7	SR4	9/29/2019 21:56	29.14	71.5	4.72	5.1
SR4	9/29/2019 4:01	29.00	75.6	5.05	5.2	SR4	9/29/2019 10:01	29.10	79.4	5.18	3.6	SR4	9/29/2019 16:01	29.29	75.2	4.98	3.9	SR4	9/29/2019 22:01	29.13	72.6	4.75	4.2
SR4	9/29/2019 4:06	29.01	76.8	5.08	7.3	SR4	9/29/2019 10:06	29.13	79.2	5.24	3.7	SR4	9/29/2019 16:06	29.28	74.8	4.93	2.7	SR4	9/29/2019 22:06	29.13	73.6	4.88	5.2
SR4	9/29/2019 4:11	29.01	77.2	5.12	**11.5**	SR4	9/29/2019 10:11	29.14	76.3	5.09	3.6	SR4	9/29/2019 16:11	29.29	74.4	4.98	2.2	SR4	9/29/2019 22:11	29.13	72.3	4.82	3.8
SR4	9/29/2019 4:16	29.01	75.8	5.06	5.3	SR4	9/29/2019 10:16	29.13	76.8	5.13	2.8	SR4	9/29/2019 16:16	29.29	73.6	4.94	3.9	SR4	9/29/2019 22:16	29.13	72.1	4.79	4.8
SR4	9/29/2019 4:21	29.01	76.0	5.01	5.4	SR4	9/29/2019 10:21	29.15	77.6	5.19	3.1	SR4	9/29/2019 16:21	29.30	72.8	4.86	2.4	SR4	9/29/2019 22:21	29.13	71.8	4.71	3.9
SR4	9/29/2019 4:26	29.01	76.6	5.07	4.9	SR4	9/29/2019 10:26	29.15	78.5	5.24	4.7	SR4	9/29/2019 16:26	29.32	71.9	4.74	2.7	SR4	9/29/2019 22:26	29.13	71.5	4.70	4.8
SR4	9/29/2019 4:31	28.99	74.0	4.88	**14.0**	SR4	9/29/2019 10:31	29.15	79.1	5.27	3.9	SR4	9/29/2019 16:31	29.30	69.9	4.64	2.4	SR4	9/29/2019 22:31	29.13	68.0	4.53	3.5
SR4	9/29/2019 4:36	28.99	74.9	4.94	4.2	SR4	9/29/2019 10:36	29.17	79.1	5.30	3.8	SR4	9/29/2019 16:36	29.27	72.9	4.85	**20.4**	SR4	9/29/2019 22:36	29.13	69.4	4.64	4.5
SR4	9/29/2019 4:41	28.99	74.1	4.86	5.5	SR4	9/29/2019 10:41	29.17	82.4	5.39	4.9	SR4	9/29/2019 16:41	29.28	76.3	5.04	3.0	SR4	9/29/2019 22:41	29.12	71.4	4.76	4.1
SR4	9/29/2019 4:46	29.00	76.9	5.04	6.1	SR4	9/29/2019 10:46	29.18	82.6	5.46	3.5	SR4	9/29/2019 16:46	29.27	77.9	5.09	4.4	SR4	9/29/2019 22:46	29.12	72.8	4.75	3.5
SR4	9/29/2019 4:51	29.00	78.4	5.16	5.5	SR4	9/29/2019 10:51	29.16	81.4	5.34	3.1	SR4	9/29/2019 16:51	29.26	76.7	5.10	4.6	SR4	9/29/2019 22:51	29.12	71.2	4.77	3.1
SR4	9/29/2019 4:56	29.00	76.9	5.12	6.5	SR4	9/29/2019 10:56	29.14	80.1	5.32	4.3	SR4	9/29/2019 16:56	29.26	76.7	5.03	5.5	SR4	9/29/2019 22:56	29.12	71.9	4.75	3.5
SR4	9/29/2019 5:01	29.00	79.2	5.20	6.1	SR4	9/29/2019 11:01	29.18	79.3	5.30	3.9	SR4	9/29/2019 17:01	29.25	78.1	5.19	6.9	SR4	9/29/2019 23:01	29.11	72.5	4.83	2.5
SR4	9/29/2019 5:06	28.99	75.5	5.04	4.5	SR4	9/29/2019 11:06	29.20	80.2	5.34	4.5	SR4	9/29/2019 17:06	29.25	76.8	5.09	5.5	SR4	9/29/2019 23:06	29.12	71.6	4.80	2.5
SR4	9/29/2019 5:11	28.98	77.1	5.07	5.6	SR4	9/29/2019 11:11	29.20	79.1	5.28	3.4	SR4	9/29/2019 17:11	29.23	78.7	5.19	5.4	SR4	9/29/2019 23:11	29.12	71.5	4.79	2.8
SR4	9/29/2019 5:16	28.95	73.5	4.88	**25.4**	SR4	9/29/2019 11:16	29.22	81.5	5.40	3.4	SR4	9/29/2019 17:16	29.22	80.5	5.39	4.4	SR4	9/29/2019 23:16	29.10	73.4	4.84	2.7
SR4	9/29/2019 5:21	28.94	80.2	5.32	3.9	SR4	9/29/2019 11:21	29.21	79.8	5.30	4.1	SR4	9/29/2019 17:21	29.23	82.5	5.41	5.7	SR4	9/29/2019 23:21	29.10	74.0	4.90	3.0
SR4	9/29/2019 5:26	28.92	83.2	5.53	4.1	SR4	9/29/2019 11:26	29.19	80.5	5.26	3.6	SR4	9/29/2019 17:26	29.21	84.5	5.52	4.7	SR4	9/29/2019 23:26	29.10	70.6	4.68	3.4
SR4	9/29/2019 5:31	28.89	83.1	5.56	3.8	SR4	9/29/2019 11:31	29.20	81.5	5.34	3.7	SR4	9/29/2019 17:31	29.21	85.0	5.63	4.8	SR4	9/29/2019 23:31	29.10	73.6	4.85	3.0
SR4	9/29/2019 5:36	28.93	84.7	5.60	4.5	SR4	9/29/2019 11:36	29.21	79.0	5.27	3.0	SR4	9/29/2019 17:36	29.20	85.1	5.71	4.0	SR4	9/29/2019 23:36	29.09	74.8	4.93	3.6
SR4	9/29/2019 5:41	28.95	83.7	5.54	4.5	SR4	9/29/2019 11:41	29.19	81.9	5.37	4.7	SR4	9/29/2019 17:41	29.20	87.4	5.74	4.0	SR4	9/29/2019 23:41	29.09	75.1	5.03	3.5
SR4	9/29/2019 5:46	28.96	81.8	5.42	4.3	SR4	9/29/2019 11:46	29.16	79.2	5.17	4.6	SR4	9/29/2019 17:46	29.20	86.6	5.80	4.5	SR4	9/29/2019 23:46	29.07	74.4	4.94	3.1
SR4	9/29/2019 5:51	28.94	78.6	5.27	3.7	SR4	9/29/2019 11:51	29.12	78.7	5.14	3.8	SR4	9/29/2019 17:51	29.20	87.2	5.78	3.9	SR4	9/29/2019 23:51	29.09	75.8	5.04	4.0
SR4	9/29/2019 5:56	28.97	78.1	5.14	4.2	SR4	9/29/2019 11:56	29.10	77.3	5.09	3.2	SR4	9/29/2019 17:56	29.19	87.3	5.73	4.2	SR4	9/29/2019 23:56	29.08	75.5	5.03	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)
SR5	9/29/2019 0:00	29.09	81.1	5.50	5.2	SR5	9/29/2019 6:00	29.05	83.7	5.36	6.2	SR5	9/29/2019 12:00	29.16	85.6	5.79	5.1	SR5	9/29/2019 18:00	29.34	84.5	5.39	6.0
SR5	9/29/2019 0:05	29.06	81.5	5.55	4.7	SR5	9/29/2019 6:05	29.05	84.5	5.40	5.9	SR5	9/29/2019 12:05	29.15	86.0	5.82	5.7	SR5	9/29/2019 18:05	29.33	84.6	5.40	5.1
SR5	9/29/2019 0:10	29.07	81.6	5.53	4.9	SR5	9/29/2019 6:10	29.05	84.3	5.39	7.2	SR5	9/29/2019 12:10	29.17	86.0	5.82	4.7	SR5	9/29/2019 18:10	29.33	84.1	5.36	5.8
SR5	9/29/2019 0:15	29.09	81.4	5.54	6.2	SR5	9/29/2019 6:15	29.05	83.9	5.37	5.0	SR5	9/29/2019 12:15	29.17	86.7	5.87	5.3	SR5	9/29/2019 18:15	29.34	84.3	5.38	5.2
SR5	9/29/2019 0:20	29.09	81.1	5.50	7.0	SR5	9/29/2019 6:20	29.05	83.5	5.33	6.7	SR5	9/29/2019 12:20	29.17	86.7	5.86	5.6	SR5	9/29/2019 18:20	29.33	84.6	5.40	6.6
SR5	9/29/2019 0:25	29.09	81.2	5.49	5.3	SR5	9/29/2019 6:25	29.04	82.8	5.29	5.0	SR5	9/29/2019 12:25	29.16	86.7	5.86	5.8	SR5	9/29/2019 18:25	29.32	84.5	5.39	5.3
SR5	9/29/2019 0:30	29.09	81.7	5.53	7.0	SR5	9/29/2019 6:30	29.02	82.4	5.27	7.1	SR5	9/29/2019 12:30	29.17	85.9	5.82	5.9	SR5	9/29/2019 18:30	29.30	84.1	5.36	5.0
SR5	9/29/2019 0:35	29.10	82.0	5.55	7.0	SR5	9/29/2019 6:35	29.00	81.8	5.24	7.4	SR5	9/29/2019 12:35	29.23	84.3	5.70	5.0	SR5	9/29/2019 18:35	29.30	83.6	5.33	6.0
SR5	9/29/2019 0:40	29.11	82.3	5.58	6.2	SR5	9/29/2019 6:40	29.02	82.0	5.24	5.4	SR5	9/29/2019 12:40	29.28	84.9	5.71	5.8	SR5	9/29/2019 18:40	29.29	83.5	5.32	5.4
SR5	9/29/2019 0:45	29.11	82.4	5.59	5.5	SR5	9/29/2019 6:45	29.02	83.6	5.69	5.9	SR5	9/29/2019 12:45	29.25	83.2	5.28	5.3	SR5	9/29/2019 18:45	29.30	82.9	5.29	5.4
SR5	9/29/2019 0:50	29.10	82.2	5.58	7.7	SR5	9/29/2019 6:50	29.02	84.6	5.79	7.0	SR5	9/29/2019 12:50	29.27	83.5	5.30	5.3	SR5	9/29/2019 18:50	29.32	82.8	5.28	5.9
SR5	9/29/2019 0:55	29.10	82.5	5.61	5.4	SR5	9/29/2019 6:55	29.02	83.8	5.74	6.9	SR5	9/29/2019 12:55	29.34	85.6	5.44	5.7	SR5	9/29/2019 18:55	29.32	82.3	5.25	6.3
SR5	9/29/2019 1:00	29.10	82.7	5.66	5.3	SR5	9/29/2019 7:00	29.01	83.8	5.72	6.0	SR5	9/29/2019 13:00	29.30	85.0	5.40	5.6	SR5	9/29/2019 19:00	29.32	82.0	5.23	4.6
SR5	9/29/2019 1:05	29.09	82.3	5.60	5.8	SR5	9/29/2019 7:05	29.01	83.4	5.68	5.7	SR5	9/29/2019 13:05	29.29	84.8	5.39	6.1	SR5	9/29/2019 19:05	29.31	82.4	5.26	5.9
SR5	9/29/2019 1:10	29.09	82.2	5.61	7.2	SR5	9/29/2019 7:10	28.99	83.9	5.72	4.2	SR5	9/29/2019 13:10	29.36	85.5	5.43	5.8	SR5	9/29/2019 19:10	29.31	82.8	5.28	5.2
SR5	9/29/2019 1:15	29.05	82.5	5.59	6.8	SR5	9/29/2019 7:15	28.99	84.6	5.78	5.0	SR5	9/29/2019 13:15	29.33	85.1	5.40	5.0	SR5	9/29/2019 19:15	29.31	82.1	5.24	4.9
SR5	9/29/2019 1:20	29.02	83.1	5.63	6.7	SR5	9/29/2019 7:20	28.99	84.5	5.79	4.3	SR5	9/29/2019 13:20	29.33	84.8	5.39	4.8	SR5	9/29/2019 19:20	29.31	81.7	5.21	6.6
SR5	9/29/2019 1:25	29.00	84.4	5.77	5.4	SR5	9/29/2019 7:25	29.00	84.9	5.79	6.0	SR5	9/29/2019 13:25	29.35	85.8	5.45	5.0	SR5	9/29/2019 19:25	29.32	82.5	5.26	4.8
SR5	9/29/2019 1:30	29.01	84.7	5.75	6.8	SR5	9/29/2019 7:30	29.01	84.1	5.75	5.0	SR5	9/29/2019 13:30	29.34	85.7	5.45	6.4	SR5	9/29/2019 19:30	29.29	82.2	5.24	5.0
SR5	9/29/2019 1:35	29.02	84.4	5.73	7.3	SR5	9/29/2019 7:35	29.01	83.8	5.70	4.8	SR5	9/29/2019 13:35	29.37	85.8	5.44	5.0	SR5	9/29/2019 19:35	29.29	81.7	5.21	4.8
SR5	9/29/2019 1:40	29.01	84.1	5.37	6.9	SR5	9/29/2019 7:40	29.02	83.5	5.68	4.4	SR5	9/29/2019 13:40	29.43	86.7	5.50	4.8	SR5	9/29/2019 19:40	29.27	81.5	5.19	5.5
SR5	9/29/2019 1:45	29.04	83.4	5.32	7.0	SR5	9/29/2019 7:45	29.03	83.7	5.71	5.2	SR5	9/29/2019 13:45	29.45	87.5	5.56	4.9	SR5	9/29/2019 19:45	29.25	82.5	5.56	6.0
SR5	9/29/2019 1:50	29.04	83.6	5.33	6.7	SR5	9/29/2019 7:50	29.02	83.4	5.66	3.9	SR5	9/29/2019 13:50	29.46	88.3	5.61	6.2	SR5	9/29/2019 19:50	29.27	83.0	5.63	5.7
SR5	9/29/2019 1:55	29.04	82.9	5.29	5.9	SR5	9/29/2019 7:55	29.03	83.0	5.64	5.5	SR5	9/29/2019 13:55	29.44	87.1	5.53	4.9	SR5	9/29/2019 19:55	29.26	83.0	5.59	5.8
SR5	9/29/2019 2:00	29.04	83.5	5.32	4.6	SR5	9/29/2019 8:00	29.03	83.7	5.73	5.4	SR5	9/29/2019 14:00	29.40	86.7	5.50	5.3	SR5	9/29/2019 20:00	29.25	81.7	5.54	6.6
SR5	9/29/2019 2:05	29.02	84.8	5.42	5.0	SR5	9/29/2019 8:05	29.03	84.1	5.75	4.7	SR5	9/29/2019 14:05	29.42	86.9	5.52	6.0	SR5	9/29/2019 20:05	29.25	81.5	5.51	5.5
SR5	9/29/2019 2:10	29.02	85.2	5.45	7.3	SR5	9/29/2019 8:10	29.04	84.1	5.72	4.6	SR5	9/29/2019 14:10	29.37	86.4	5.49	4.6	SR5	9/29/2019 20:10	29.24	82.3	5.56	5.0
SR5	9/29/2019 2:15	29.02	85.9	5.49	5.1	SR5	9/29/2019 8:15	29.04	84.3	5.76	5.1	SR5	9/29/2019 14:15	29.41	86.7	5.51	6.0	SR5	9/29/2019 20:15	29.25	80.7	5.48	6.2
SR5	9/29/2019 2:20	29.02	85.9	5.50	5.7	SR5	9/29/2019 8:20	29.05	84.2	5.74	5.3	SR5	9/29/2019 14:20	29.41	86.7	5.51	4.5	SR5	9/29/2019 20:20	29.23	79.5	5.38	6.0
SR5	9/29/2019 2:25	29.01	86.0	5.51	6.4	SR5	9/29/2019 8:25	29.05	84.6	5.75	4.4	SR5	9/29/2019 14:25	29.43	86.7	5.51	6.1	SR5	9/29/2019 20:25	29.23	80.1	5.41	6.3
SR5	9/29/2019 2:30	29.01	85.9	5.50	7.0	SR5	9/29/2019 8:30	29.05	84.8	5.81	5.1	SR5	9/29/2019 14:30	29.43	86.9	5.52	5.4	SR5	9/29/2019 20:30	29.23	80.6	5.43	5.2
SR5	9/29/2019 2:35	29.01	86.3	5.52	4.9	SR5	9/29/2019 8:35	29.06	84.1	5.72	5.7	SR5	9/29/2019 14:35	29.44	87.9	5.59	5.9	SR5	9/29/2019 20:35	29.22	81.1	5.48	5.4
SR5	9/29/2019 2:40	29.00	86.1	5.51	5.6	SR5	9/29/2019 8:40	29.05	83.0	5.65	4.8	SR5	9/29/2019 14:40	29.42	87.2	5.54	6.2	SR5	9/29/2019 20:40	29.23	80.7	5.44	6.3
SR5	9/29/2019 2:45	29.00	86.2	5.52	5.7	SR5	9/29/2019 8:45	29.05	82.7	5.66	5.6	SR5	9/29/2019 14:45	29.43	87.7	5.58	4.9	SR5	9/29/2019 20:45	29.22	80.3	5.40	5.1
SR5	9/29/2019 2:50	29.01	85.6	5.48	5.4	SR5	9/29/2019 8:50	29.05	83.3	5.66	5.1	SR5	9/29/2019 14:50	29.41	88.0	5.60	5.0	SR5	9/29/2019 20:50	29.22	79.8	5.37	6.4
SR5	9/29/2019 2:55	29.03	86.1	5.51	5.4	SR5	9/29/2019 8:55	29.05	84.1	5.72	3.8	SR5	9/29/2019 14:55	29.38	87.7	5.59	6.0	SR5	9/29/2019 20:55	29.22	79.2	5.33	4.2
SR5	9/29/2019 3:00	29.03	86.9	5.57	6.8	SR5	9/29/2019 9:00	29.10	84.7	5.77	5.2	SR5	9/29/2019 15:00	29.37	87.5	5.58	5.4	SR5	9/29/2019 21:00	29.22	79.4	5.33	5.4
SR5	9/29/2019 3:05	29.05	86.6	5.55	7.2	SR5	9/29/2019 9:05	29.08	83.5	5.67	4.6	SR5	9/29/2019 15:05	29.36	87.5	5.58	6.4	SR5	9/29/2019 21:05	29.22	79.2	5.36	6.0
SR5	9/29/2019 3:10	29.05	86.8	5.56	7.1	SR5	9/29/2019 9:10	29.10	85.1	5.79	5.0	SR5	9/29/2019 15:10	29.30	86.6	5.52	5.2	SR5	9/29/2019 21:10	29.22	78.8	5.29	6.4
SR5	9/29/2019 3:15	29.05	87.1	5.58	6.2	SR5	9/29/2019 9:15	29.07	83.8	5.70	4.1	SR5	9/29/2019 15:15	29.31	86.2	5.50	5.6	SR5	9/29/2019 21:15	29.21	78.7	5.33	5.9
SR5	9/29/2019 3:20	29.06	86.9	5.57	5.2	SR5	9/29/2019 9:20	29.06	84.2	5.72	6.2	SR5	9/29/2019 15:20	29.36	86.0	5.48	5.3	SR5	9/29/2019 21:20	29.22	78.1	5.25	5.6
SR5	9/29/2019 3:25	29.06	86.8	5.57	6.7	SR5	9/29/2019 9:25	29.06	82.5	5.61	5.4	SR5	9/29/2019 15:25	29.33	86.4	5.51	5.9	SR5	9/29/2019 21:25	29.21	78.0	5.23	6.0
SR5	9/29/2019 3:30	29.07	86.5	5.55	7.7	SR5	9/29/2019 9:30	29.07	82.1	5.57	5.2	SR5	9/29/2019 15:30	29.35	85.6	5.46	5.1	SR5	9/29/2019 21:30	29.21	78.0	5.26	4.6
SR5	9/29/2019 3:35	29.07	86.5	5.54	5.7	SR5	9/29/2019 9:35	29.07	82.9	5.64	4.3	SR5	9/29/2019 15:35	29.35	84.0	5.36	5.8	SR5	9/29/2019 21:35	29.22	78.6	5.32	4.3
SR5	9/29/2019 3:40	29.06	86.8	5.56	5.6	SR5	9/29/2019 9:40	29.07	83.7	5.69	6.1	SR5	9/29/2019 15:40	29.35	85.3	5.44	5.1	SR5	9/29/2019 21:40	29.20	79.1	5.34	4.7
SR5	9/29/2019 3:45	29.07	86.7	5.56	6.1	SR5	9/29/2019 9:45	29.06	84.7	5.76	6.1	SR5	9/29/2019 15:45	29.35	85.6	5.46	5.5	SR5	9/29/2019 21:45	29.20	78.4	5.28	4.3
SR5	9/29/2019 3:50	29.05	86.1	5.52	4.4	SR5	9/29/2019 9:50	29.06	84.0	5.68	5.0	SR5	9/29/2019 15:50	29.36	85.0	5.42	5.9	SR5	9/29/2019 21:50	29.20	78.4	5.31	5.0
SR5	9/29/2019 3:55	29.08	87.0	5.57	5.5	SR5	9/29/2019 9:55	29.06	82.9	5.63	5.7	SR5	9/29/2019 15:55	29.36	85.2	5.43	6.4	SR5	9/29/2019 21:55	29.19	78.1	5.25	3.8
SR5	9/29/2019 4:00	29.07	85.9	5.50	6.8	SR5	9/29/2019 10:00	29.09	82.8	5.64	5.0	SR5	9/29/2019 16:00	29.36	84.8	5.40	6.0	SR5	9/29/2019 22:00	29.19	78.5	5.27	4.6
SR5	9/29/2019 4:05	29.06	85.4	5.47	7.2	SR5	9/29/2019 10:05	29.06	82.4	5.61	5.4	SR5	9/29/2019 16:05	29.35	84.9	5.41	5.6	SR5	9/29/2019 22:05	29.19	77.8	5.24	5.3
SR5	9/29/2019 4:10	29.07	85.5	5.48	5.6	SR5	9/29/2019 10:10	29.05	81.5	5.56	4.5	SR5	9/29/2019 16:10	29.34	85.8	5.47	4.5	SR5	9/29/2019 22:10	29.19	77.4	5.37	5.2
SR5	9/29/2019 4:15	29.07	85.6	5.49	5.6	SR5	9/29/2019 10:15	29.05	81.7	5.57	4.7	SR5	9/29/2019 16:15	29.35	85.2	5.43	4.9	SR5	9/29/2019 22:15	29.19	78.0	5.38	4.3
SR5	9/29/2019 4:20	29.05	86.0	5.52	5.7	SR5	9/29/2019 10:20	29.05	80.5	5.46	4.7	SR5	9/29/2019 16:20	29.36	85.5	5.45	5.9	SR5	9/29/2019 22:20	29.19	77.8	5.42	4.3
SR5	9/29/2019 4:25	29.07	85.7	5.49	6.2	SR5	9/29/2019 10:25	29.05	80.1	5.46	6.3	SR5	9/29/2019 16:25	29.36	85.4	5.45	5.5	SR5	9/29/2019 22:25	29.18	78.0	5.41	4.3
SR5	9/29/2019 4:30	29.06	86.1	5.52	4.7	SR5	9/29/2019 10:30	29.08	82.2	5.58	4.5	SR5	9/29/2019 16:30	29.36	84.4	5.38	5.8	SR5	9/29/2019 22:30	29.18	76.6	5.28	5.5
SR5	9/29/2019 4:35	29.05	86.2	5.53	6.3	SR5	9/29/2019 10:35	29.21	83.3	5.67	5.3	SR5	9/29/2019 16:35	29.37	85.7	5.46	6.6	SR5	9/29/2019 22:35	29.18	74.8	5.17	5.4
SR5	9/29/2019 4:40	29.04	85.2	5.46	4.9	SR5	9/29/2019 10:40	29.19	81.9	5.56	3.9	SR5	9/29/2019 16:40	29.38	85.3	5.44	4.7	SR5	9/29/2019 22:40	29.17	75.8	5.24	5.5
SR5	9/29/2019 4:45	29.04	84.7	5.43	6.2	SR5	9/29/2019 10:45	29.22	82.0	5.54	4.6	SR5	9/29/2019 16:45	29.42	85.5	5.44	4.8	SR5	9/29/2019 22:45	29.17	76.3	5.31	5.7
SR5	9/29/2019 4:50	29.07	86.1	5.52	6.0	SR5	9/29/2019 10:50	29.22	83.0	5.61	5.5	SR5	9/29/2019 16:50	29.38	85.5	5.45	5.7	SR5	9/29/2019 22:50	29.17	76.5	5.30	5.0
SR5	9/29/2019 4:55	29.06	84.6	5.42	5.2	SR5	9/29/2019 10:55	29.18	83.7	5.69	4.8	SR5	9/29/2019 16:55	29.37	84.9	5.41	5.2	SR5	9/29/2019 22:55	29.17	77.1	5.35	4.7
SR5	9/29/2019 5:00	29.05	84.6	5.42	5.0	SR5	9/29/2019 11:00	29.12	83.9	5.67	4.3	SR5	9/29/2019 17:00	29.36	85.1	5.43	5.4	SR5	9/29/2019 23:00	29.17	77.7	5.42	6.1
SR5	9/29/2019 5:05	29.03	83.5	5.36	6.5	SR5	9/29/2019 11:05	29.13	84.4	5.70	5.8	SR5	9/29/2019 17:05	29.36	85.4	5.45	5.3	SR5	9/29/2019 23:05	29.17	78.3	5.41	5.1
SR5	9/29/2019 5:10	29.02	84.4	5.41	6.1	SR5	9/29/2019 11:10	29.14	85.2	5.76	6.0	SR5	9/29/2019 17:10	29.35	85.3	5.44	5.2	SR5	9/29/2019 23:10	29.17	77.9	5.38	5.4
SR5	9/29/2019 5:15	29.02	84.9	5.44	5.6	SR5	9/29/2019 11:15	29.14	86.8	5.88	4.5	SR5	9/29/2019 17:15	29.35	85.4	5.45	6.3	SR5	9/29/2019 23:15	29.17	78.4	5.47	5.1
SR5	9/29/2019 5:20	29.05	85.0	5.45	6.5	SR5	9/29/2019 11:20	29.16	86.8	5.87	5.4	SR5	9/29/2019 17:20	29.35	85.2	5.44	5.2	SR5	9/29/2019 23:20	29.17	77.6	5.24	5.6
SR5	9/29/2019 5:25	29.05	84.9	5.44	5.5	SR5	9/29/2019 11:25	29.14	86.0	5.82	5.2	SR5	9/29/2019 17:25	29.35	84.9	5.42	4.5	SR5	9/29/2019 23:25	29.16	77.3	5.20	5.3
SR5	9/29/2019 5:30	29.05	84.7	5.43	4.9	SR5	9/29/2019 11:30	29.13	85.6	5.81	5.4	SR5	9/29/2019 17:30	29.35	85.0	5.42	6.1	SR5	9/29/2019 23:30	29.17	73.9	**4.69**	5.6
SR5	9/29/2019 5:35	29.06	85.8	5.49	5.7	SR5	9/29/2019 11:35	29.15	85.7	5.82	5.0	SR5	9/29/2019 17:35	29.35	84.8	5.41	4.8	SR5	9/29/2019 23:35	29.14	79.7	5.37	5.7
SR5	9/29/2019 5:40	29.07	85.2	5.45	5.6	SR5	9/29/2019 11:40	29.15	84.8	5.74	5.0	SR5	9/29/2019 17:40	29.35	84.8	5.41	5.2	SR5	9/29/2019 23:40	29.16	80.5	5.46	4.1
SR5	9/29/2019 5:45	29.07	84.6	5.41	4.9	SR5	9/29/2019 11:45	29.16	85.9	5.81	4.6	SR5	9/29/2019 17:45	29.34	84.7	5.41	5.3	SR5	9/29/2019 23:45	29.16	81.1	5.50	5.1
SR5	9/29/2019 5:50	29.07	84.3	5.39	5.3	SR5	9/29/2019 11:50	29.16	85.3	5.79	4.8	SR5	9/29/2019 17:50	29.35	84.3	5.38	6.0	SR5	9/29/2019 23:50	29.16	81.2	5.48	4.7
SR5	9/29/2019 5:55	29.05	83.9	5.37	6.7	SR5	9/29/2019 11:55	29.18	85.5	5.78	5.9	SR5	9/29/2019 17:55	29.34	83.8	5.35	5.6	SR5	9/29/2019 23:55	29.16	81.0	5.50	4.2

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	9/29/2019 0:01	29.09	76.2	5.08	3.4	SR12	9/29/2019 6:01	29.06	72.8	4.87	**10.3**	SR12	9/29/2019 12:01	29.16	75.8	5.09	5.9	SR12	9/29/2019 18:01	29.19	78.5	5.27	8.6
SR12	9/29/2019 0:06	29.10	76.5	5.09	3.7	SR12	9/29/2019 6:06	29.06	72.8	4.87	**10.3**	SR12	9/29/2019 12:06	29.17	75.4	5.04	5.4	SR12	9/29/2019 18:06	29.18	78.8	5.28	7.0
SR12	9/29/2019 0:11	29.10	77.1	5.16	3.7	SR12	9/29/2019 6:11	29.06	71.4	4.80	**20.8**	SR12	9/29/2019 12:11	29.16	76.1	5.08	7.2	SR12	9/29/2019 18:11	29.19	78.6	5.24	7.8
SR12	9/29/2019 0:16	29.10	75.0	5.01	3.4	SR12	9/29/2019 6:16	29.05	71.9	4.81	**10.3**	SR12	9/29/2019 12:16	29.18	76.1	5.11	6.0	SR12	9/29/2019 18:16	29.19	77.4	5.20	6.0
SR12	9/29/2019 0:21	29.09	75.6	5.03	3.4	SR12	9/29/2019 6:21	29.05	70.7	4.72	9.1	SR12	9/29/2019 12:21	29.19	76.4	5.11	5.3	SR12	9/29/2019 18:21	29.19	76.9	5.13	6.0
SR12	9/29/2019 0:26	29.10	77.2	5.15	4.1	SR12	9/29/2019 6:26	29.06	71.2	4.75	9.5	SR12	9/29/2019 12:26	29.19	75.3	5.04	6.0	SR12	9/29/2019 18:26	29.20	75.7	5.09	6.3
SR12	9/29/2019 0:31	29.09	78.0	5.19	4.1	SR12	9/29/2019 6:31	29.06	72.6	4.84	**10.4**	SR12	9/29/2019 12:31	29.19	76.1	5.07	5.5	SR12	9/29/2019 18:31	29.20	74.7	4.99	5.2
SR12	9/29/2019 0:36	29.09	77.4	5.17	4.3	SR12	9/29/2019 6:36	29.05	73.2	4.89	8.0	SR12	9/29/2019 12:36	29.16	77.0	5.15	5.5	SR12	9/29/2019 18:36	29.20	73.9	4.96	4.6
SR12	9/29/2019 0:41	29.09	78.9	5.25	4.1	SR12	9/29/2019 6:41	29.07	73.4	4.89	**10.3**	SR12	9/29/2019 12:41	29.16	76.0	5.09	6.1	SR12	9/29/2019 18:41	29.20	74.2	4.97	5.2
SR12	9/29/2019 0:46	29.09	78.1	5.24	4.1	SR12	9/29/2019 6:46	29.06	71.1	4.76	8.0	SR12	9/29/2019 12:46	29.17	74.6	5.01	5.9	SR12	9/29/2019 18:46	29.19	73.0	4.88	4.8
SR12	9/29/2019 0:51	29.09	78.1	5.25	4.4	SR12	9/29/2019 6:51	29.07	70.1	4.71	6.8	SR12	9/29/2019 12:51	29.16	75.0	5.04	6.3	SR12	9/29/2019 18:51	29.20	73.1	4.89	4.5
SR12	9/29/2019 0:56	29.09	77.8	5.21	4.5	SR12	9/29/2019 6:56	29.06	69.3	4.63	6.0	SR12	9/29/2019 12:56	29.15	75.8	5.07	6.2	SR12	9/29/2019 18:56	29.20	72.5	4.85	4.3
SR12	9/29/2019 1:01	29.09	78.6	5.25	4.6	SR12	9/29/2019 7:01	29.06	69.9	4.66	5.7	SR12	9/29/2019 13:01	29.16	74.9	5.04	6.0	SR12	9/29/2019 19:01	29.19	74.0	4.93	4.7
SR12	9/29/2019 1:06	29.09	78.9	5.28	4.4	SR12	9/29/2019 7:06	29.06	69.5	4.66	5.9	SR12	9/29/2019 13:06	29.17	75.1	5.05	6.3	SR12	9/29/2019 19:06	29.19	73.3	4.89	4.9
SR12	9/29/2019 1:11	29.10	79.1	5.29	4.9	SR12	9/29/2019 7:11	29.05	71.0	4.75	5.3	SR12	9/29/2019 13:11	29.15	74.4	4.99	7.6	SR12	9/29/2019 19:11	29.19	72.9	4.89	5.1
SR12	9/29/2019 1:16	29.10	78.7	5.27	6.4	SR12	9/29/2019 7:16	29.05	70.4	4.69	5.0	SR12	9/29/2019 13:16	29.16	75.1	5.00	7.2	SR12	9/29/2019 19:16	29.19	73.0	4.88	4.9
SR12	9/29/2019 1:21	29.10	79.0	5.28	4.6	SR12	9/29/2019 7:21	29.06	71.3	4.76	6.0	SR12	9/29/2019 13:21	29.17	75.7	5.09	6.6	SR12	9/29/2019 19:21	29.19	72.1	4.84	5.0
SR12	9/29/2019 1:26	29.10	78.5	5.28	4.6	SR12	9/29/2019 7:26	29.06	71.8	4.81	5.5	SR12	9/29/2019 13:26	29.17	76.3	5.13	6.5	SR12	9/29/2019 19:26	29.19	72.9	4.87	5.3
SR12	9/29/2019 1:31	29.10	77.7	5.20	4.5	SR12	9/29/2019 7:31	29.07	73.1	4.88	**10.0**	SR12	9/29/2019 13:31	29.17	76.0	5.11	7.0	SR12	9/29/2019 19:31	29.18	72.6	4.87	5.1
SR12	9/29/2019 1:36	29.10	78.7	5.28	4.5	SR12	9/29/2019 7:36	29.06	73.7	4.91	5.2	SR12	9/29/2019 13:36	29.16	76.0	5.08	7.2	SR12	9/29/2019 19:36	29.18	72.1	4.85	4.5
SR12	9/29/2019 1:41	29.10	78.5	5.28	4.5	SR12	9/29/2019 7:41	29.06	73.0	4.91	5.5	SR12	9/29/2019 13:41	29.15	75.0	5.03	7.4	SR12	9/29/2019 19:41	29.19	71.9	4.79	4.6
SR12	9/29/2019 1:46	29.10	79.0	5.29	4.7	SR12	9/29/2019 7:46	29.06	73.3	4.92	4.7	SR12	9/29/2019 13:46	29.13	77.1	5.13	7.6	SR12	9/29/2019 19:46	29.18	72.5	4.84	4.5
SR12	9/29/2019 1:51	29.11	78.2	5.24	4.9	SR12	9/29/2019 7:51	29.06	73.9	4.93	5.3	SR12	9/29/2019 13:51	29.13	76.8	5.17	6.9	SR12	9/29/2019 19:51	29.19	71.1	4.77	5.4
SR12	9/29/2019 1:56	29.10	78.1	5.24	4.3	SR12	9/29/2019 7:56	29.07	73.2	4.92	5.1	SR12	9/29/2019 13:56	29.13	77.5	5.16	6.7	SR12	9/29/2019 19:56	29.18	69.7	4.68	4.5
SR12	9/29/2019 2:01	29.11	78.8	5.28	4.4	SR12	9/29/2019 8:01	29.07	72.7	4.89	5.1	SR12	9/29/2019 14:01	29.13	76.7	5.12	6.6	SR12	9/29/2019 20:01	29.17	71.8	4.79	4.7
SR12	9/29/2019 2:06	29.11	79.4	5.31	4.8	SR12	9/29/2019 8:06	29.07	73.6	4.91	4.9	SR12	9/29/2019 14:06	29.12	76.8	5.12	7.0	SR12	9/29/2019 20:06	29.18	72.2	4.81	4.5
SR12	9/29/2019 2:11	29.11	79.4	5.32	4.7	SR12	9/29/2019 8:11	29.07	73.0	4.89	4.7	SR12	9/29/2019 14:11	29.13	76.9	5.16	7.6	SR12	9/29/2019 20:11	29.18	70.6	4.72	4.6
SR12	9/29/2019 2:16	29.11	79.3	5.33	4.8	SR12	9/29/2019 8:16	29.07	73.3	4.93	4.8	SR12	9/29/2019 14:16	29.12	77.1	5.13	8.4	SR12	9/29/2019 20:16	29.18	71.1	4.76	4.4
SR12	9/29/2019 2:21	29.10	79.9	5.32	6.5	SR12	9/29/2019 8:21	29.07	73.3	4.89	5.8	SR12	9/29/2019 14:21	29.13	76.3	5.12	7.8	SR12	9/29/2019 20:21	29.17	71.6	4.77	4.3
SR12	9/29/2019 2:26	29.11	79.4	5.29	5.0	SR12	9/29/2019 8:26	29.07	72.1	4.81	4.5	SR12	9/29/2019 14:26	29.13	77.8	5.19	8.3	SR12	9/29/2019 20:26	29.17	71.5	4.80	3.9
SR12	9/29/2019 2:31	29.10	80.0	5.33	6.5	SR12	9/29/2019 8:31	29.08	73.9	4.93	4.3	SR12	9/29/2019 14:31	29.15	78.5	5.28	8.4	SR12	9/29/2019 20:31	29.17	70.3	4.69	4.0
SR12	9/29/2019 2:36	29.10	80.2	5.36	5.2	SR12	9/29/2019 8:36	29.08	73.0	4.87	4.4	SR12	9/29/2019 14:36	29.16	78.3	5.27	7.8	SR12	9/29/2019 20:36	29.18	70.5	4.73	4.4
SR12	9/29/2019 2:41	29.09	79.4	5.33	5.1	SR12	9/29/2019 8:41	29.08	71.5	4.81	4.4	SR12	9/29/2019 14:41	29.15	79.5	5.35	9.1	SR12	9/29/2019 20:41	29.18	69.8	4.68	4.4
SR12	9/29/2019 2:46	29.09	78.6	5.29	5.0	SR12	9/29/2019 8:46	29.08	70.5	4.73	4.5	SR12	9/29/2019 14:46	29.16	79.7	5.33	8.1	SR12	9/29/2019 20:46	29.17	70.9	4.77	4.2
SR12	9/29/2019 2:51	29.09	80.3	5.35	6.3	SR12	9/29/2019 8:51	29.08	72.8	4.89	4.5	SR12	9/29/2019 14:51	29.15	79.2	5.27	8.1	SR12	9/29/2019 20:51	29.16	71.4	4.80	4.7
SR12	9/29/2019 2:56	29.08	79.8	5.37	4.9	SR12	9/29/2019 8:56	29.09	72.8	4.88	3.8	SR12	9/29/2019 14:56	29.16	78.6	5.25	8.4	SR12	9/29/2019 20:56	29.16	72.2	4.81	4.1
SR12	9/29/2019 3:01	29.08	80.7	5.39	5.1	SR12	9/29/2019 9:01	29.10	73.1	4.89	4.1	SR12	9/29/2019 15:01	29.15	78.6	5.25	9.7	SR12	9/29/2019 21:01	29.16	71.9	4.79	3.7
SR12	9/29/2019 3:06	29.08	79.9	5.32	4.7	SR12	9/29/2019 9:06	29.10	70.7	4.75	3.8	SR12	9/29/2019 15:06	29.14	78.5	5.24	**10.0**	SR12	9/29/2019 21:06	29.16	71.0	4.73	3.8
SR12	9/29/2019 3:11	29.07	80.1	5.35	5.0	SR12	9/29/2019 9:11	29.10	72.4	4.83	3.9	SR12	9/29/2019 15:11	29.15	79.0	5.28	9.1	SR12	9/29/2019 21:11	29.16	69.9	4.69	3.9
SR12	9/29/2019 3:16	29.07	80.8	5.41	5.2	SR12	9/29/2019 9:16	29.12	72.0	4.83	3.9	SR12	9/29/2019 15:16	29.16	79.6	5.32	9.7	SR12	9/29/2019 21:16	29.17	69.5	4.63	3.8
SR12	9/29/2019 3:21	29.07	80.6	5.40	4.8	SR12	9/29/2019 9:21	29.12	72.2	4.83	3.8	SR12	9/29/2019 15:21	29.15	78.7	5.28	9.9	SR12	9/29/2019 21:21	29.16	69.7	4.66	5.2
SR12	9/29/2019 3:26	29.06	80.1	5.37	5.2	SR12	9/29/2019 9:26	29.11	71.7	4.79	4.1	SR12	9/29/2019 15:26	29.18	79.8	5.36	9.1	SR12	9/29/2019 21:26	29.17	69.5	4.66	4.0
SR12	9/29/2019 3:31	29.06	81.2	5.43	5.3	SR12	9/29/2019 9:31	29.19	69.8	4.68	4.0	SR12	9/29/2019 15:31	29.18	81.4	5.45	8.0	SR12	9/29/2019 21:31	29.18	68.9	4.59	3.9
SR12	9/29/2019 3:36	29.05	80.6	5.39	4.6	SR12	9/29/2019 9:36	29.13	71.7	4.79	4.1	SR12	9/29/2019 15:36	29.19	81.1	5.41	8.2	SR12	9/29/2019 21:36	29.18	69.0	4.63	4.5
SR12	9/29/2019 3:41	29.05	80.1	5.37	4.9	SR12	9/29/2019 9:41	29.10	71.3	4.76	3.9	SR12	9/29/2019 15:41	29.19	81.6	5.43	8.5	SR12	9/29/2019 21:41	29.18	67.6	4.54	4.2
SR12	9/29/2019 3:46	29.05	80.2	5.36	4.5	SR12	9/29/2019 9:46	29.09	70.9	4.72	4.0	SR12	9/29/2019 15:46	29.18	81.2	5.44	8.8	SR12	9/29/2019 21:46	29.18	67.6	4.54	4.2
SR12	9/29/2019 3:51	29.05	80.9	5.44	6.8	SR12	9/29/2019 9:51	29.11	70.7	4.72	4.5	SR12	9/29/2019 15:51	29.18	81.3	5.44	8.1	SR12	9/29/2019 21:51	29.18	68.3	4.55	4.1
SR12	9/29/2019 3:56	29.06	81.0	5.43	4.9	SR12	9/29/2019 9:56	29.10	71.1	4.75	4.7	SR12	9/29/2019 15:56	29.19	81.1	5.40	7.4	SR12	9/29/2019 21:56	29.18	69.1	4.60	4.9
SR12	9/29/2019 4:01	29.05	81.3	5.44	4.7	SR12	9/29/2019 10:01	29.14	72.4	4.85	4.6	SR12	9/29/2019 16:01	29.18	79.8	5.36	8.2	SR12	9/29/2019 22:01	29.17	67.8	4.55	4.0
SR12	9/29/2019 4:06	29.05	81.7	5.44	4.6	SR12	9/29/2019 10:06	29.11	72.1	4.81	4.5	SR12	9/29/2019 16:06	29.19	80.0	5.37	7.5	SR12	9/29/2019 22:06	29.17	68.0	4.56	4.9
SR12	9/29/2019 4:11	29.04	80.4	5.41	4.3	SR12	9/29/2019 10:11	29.12	71.6	4.80	3.9	SR12	9/29/2019 16:11	29.18	81.0	5.39	9.0	SR12	9/29/2019 22:11	29.18	68.5	4.56	5.0
SR12	9/29/2019 4:16	29.05	80.2	5.36	4.3	SR12	9/29/2019 10:16	29.10	71.0	4.73	4.6	SR12	9/29/2019 16:16	29.18	81.3	5.45	7.5	SR12	9/29/2019 22:16	29.18	68.4	4.58	4.7
SR12	9/29/2019 4:21	29.05	79.6	5.35	3.8	SR12	9/29/2019 10:21	29.21	72.2	4.83	4.4	SR12	9/29/2019 16:21	29.18	80.6	5.41	7.7	SR12	9/29/2019 22:21	29.18	67.5	4.52	4.5
SR12	9/29/2019 4:26	29.03	78.7	5.28	3.7	SR12	9/29/2019 10:26	29.15	71.2	4.76	4.5	SR12	9/29/2019 16:26	29.17	81.8	5.47	9.5	SR12	9/29/2019 22:26	29.18	67.3	4.51	4.6
SR12	9/29/2019 4:31	29.02	78.8	5.27	3.5	SR12	9/29/2019 10:31	29.11	70.4	4.71	4.9	SR12	9/29/2019 16:31	29.17	81.4	5.44	8.0	SR12	9/29/2019 22:31	29.16	67.1	4.48	3.9
SR12	9/29/2019 4:36	29.03	78.2	5.21	3.3	SR12	9/29/2019 10:36	29.11	70.2	4.72	4.5	SR12	9/29/2019 16:36	29.17	81.3	5.47	**11.3**	SR12	9/29/2019 22:36	29.18	66.9	4.50	4.5
SR12	9/29/2019 4:41	29.02	77.7	5.23	3.4	SR12	9/29/2019 10:41	29.16	70.6	4.71	5.2	SR12	9/29/2019 16:41	29.18	82.0	5.49	7.0	SR12	9/29/2019 22:41	29.17	67.5	4.51	4.6
SR12	9/29/2019 4:46	29.04	77.6	5.19	4.0	SR12	9/29/2019 10:46	29.28	75.0	5.00	4.9	SR12	9/29/2019 16:46	29.18	80.6	5.41	5.9	SR12	9/29/2019 22:46	29.17	68.1	4.55	4.5
SR12	9/29/2019 4:51	29.05	77.9	5.21	4.0	SR12	9/29/2019 10:51	29.31	74.8	5.00	4.1	SR12	9/29/2019 16:51	29.18	81.0	5.43	6.1	SR12	9/29/2019 22:51	29.15	69.5	4.66	4.2
SR12	9/29/2019 4:56	29.05	77.5	5.16	3.9	SR12	9/29/2019 10:56	29.22	73.8	4.96	7.1	SR12	9/29/2019 16:56	29.18	82.2	5.47	8.2	SR12	9/29/2019 22:56	29.15	70.4	4.69	4.0
SR12	9/29/2019 5:01	29.05	76.8	5.15	4.0	SR12	9/29/2019 11:01	29.19	74.3	4.99	5.8	SR12	9/29/2019 17:01	29.18	81.2	5.43	6.3	SR12	9/29/2019 23:01	29.15	69.7	4.66	6.1
SR12	9/29/2019 5:06	29.05	76.4	5.11	4.0	SR12	9/29/2019 11:06	29.22	75.0	5.00	7.0	SR12	9/29/2019 17:06	29.19	80.9	5.43	6.8	SR12	9/29/2019 23:06	29.15	69.3	4.62	4.2
SR12	9/29/2019 5:11	29.05	77.0	5.17	4.9	SR12	9/29/2019 11:11	29.21	74.9	4.99	4.9	SR12	9/29/2019 17:11	29.18	80.8	5.41	5.0	SR12	9/29/2019 23:11	29.15	67.9	4.56	3.7
SR12	9/29/2019 5:16	29.06	76.0	5.09	4.3	SR12	9/29/2019 11:16	29.21	74.1	4.96	4.5	SR12	9/29/2019 17:16	29.18	79.5	5.35	5.1	SR12	9/29/2019 23:16	29.15	68.2	4.56	4.4
SR12	9/29/2019 5:21	29.06	75.6	5.09	**10.0**	SR12	9/29/2019 11:21	29.20	74.8	5.00	4.8	SR12	9/29/2019 17:21	29.18	80.9	5.40	5.6	SR12	9/29/2019 23:21	29.16	66.7	4.48	4.2
SR12	9/29/2019 5:26	29.06	75.8	5.07	4.4	SR12	9/29/2019 11:26	29.20	74.8	5.00	4.9	SR12	9/29/2019 17:26	29.19	81.0	5.44	6.1	SR12	9/29/2019 23:26	29.15	66.9	4.48	4.0
SR12	9/29/2019 5:31	29.06	74.1	4.96	4.0	SR12	9/29/2019 11:31	29.20	73.6	4.95	4.5	SR12	9/29/2019 17:31	29.18	80.4	5.41	5.7	SR12	9/29/2019 23:31	29.12	68.8	4.63	4.4
SR12	9/29/2019 5:36	29.05	72.9	4.88	3.9	SR12	9/29/2019 11:36	29.17	74.5	5.01	4.6	SR12	9/29/2019 17:36	29.18	80.1	5.35	5.9	SR12	9/29/2019 23:36	29.14	69.6	4.64	4.3
SR12	9/29/2019 5:41	29.06	72.9	4.87	4.8	SR12	9/29/2019 11:41	29.20	74.7	4.99	5.0	SR12	9/29/2019 17:41	29.18	79.9	5.35	6.1	SR12	9/29/2019 23:41	29.14	68.9	4.60	4.0
SR12	9/29/2019 5:46	29.06	74.3	5.00	7.3	SR12	9/29/2019 11:46	29.17	76.0	5.09	5.6	SR12	9/29/2019 17:46	29.18	79.4	5.31	6.4	SR12	9/29/2019 23:46	29.15	68.9	4.63	4.4
SR12	9/29/2019 5:51	29.06	73.7	4.95	6.6	SR12	9/29/2019 11:51	29.20	75.1	5.03	4.9	SR12	9/29/2019 17:51	29.18	78.7	5.28	6.9	SR12	9/29/2019 23:51	29.15	68.5	4.60	4.7
SR12	9/29/2019 5:56	29.05	72.8	4.87	9.1	SR12	9/29/2019 11:56	29.20	74.9	5.04	4.9	SR12	9/29/2019 17:56	29.18	79.0	5.31	7.1	SR12	9/29/2019 23:56	29.16	69.0	4.60	5.0

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	9/29/2019 0:00	29.23	79.1	5.39	4.7	SR13	9/29/2019 6:00	29.08	75.7	5.19	6.5	SR13	9/29/2019 12:00	29.24	77.5	5.31	5.6	SR13	9/29/2019 18:00	29.21	79.7	5.43	5.8
SR13	9/29/2019 0:05	29.16	78.9	5.42	5.3	SR13	9/29/2019 6:05	29.09	77.9	5.35	7.1	SR13	9/29/2019 12:05	29.31	79.4	5.46	5.8	SR13	9/29/2019 18:05	29.20	81.7	5.59	6.1
SR13	9/29/2019 0:10	29.11	79.4	5.42	6.2	SR13	9/29/2019 6:10	29.13	77.9	5.35	8.2	SR13	9/29/2019 12:10	29.25	77.7	5.31	5.9	SR13	9/29/2019 18:10	29.20	80.4	5.47	5.7
SR13	9/29/2019 0:15	29.20	78.6	5.39	5.4	SR13	9/29/2019 6:15	29.19	77.0	5.27	7.2	SR13	9/29/2019 12:15	29.28	78.8	5.38	4.8	SR13	9/29/2019 18:15	29.24	80.8	5.54	5.3
SR13	9/29/2019 0:20	29.18	79.1	5.39	5.2	SR13	9/29/2019 6:20	29.14	78.1	5.32	7.7	SR13	9/29/2019 12:20	29.22	78.9	5.41	4.8	SR13	9/29/2019 18:20	29.25	77.9	5.31	5.6
SR13	9/29/2019 0:25	29.11	77.9	5.32	4.8	SR13	9/29/2019 6:25	29.16	77.3	5.32	7.2	SR13	9/29/2019 12:25	29.26	78.2	5.35	5.8	SR13	9/29/2019 18:25	29.24	78.1	5.33	5.7
SR13	9/29/2019 0:30	29.14	78.3	5.39	5.5	SR13	9/29/2019 6:30	29.15	77.1	5.29	6.7	SR13	9/29/2019 12:30	29.31	80.0	5.49	6.0	SR13	9/29/2019 18:30	29.24	78.0	5.36	5.3
SR13	9/29/2019 0:35	29.14	78.9	5.38	5.2	SR13	9/29/2019 6:35	29.09	76.8	5.26	6.4	SR13	9/29/2019 12:35	29.35	77.5	5.29	5.8	SR13	9/29/2019 18:35	29.19	79.5	5.45	5.9
SR13	9/29/2019 0:40	29.09	77.8	5.32	4.8	SR13	9/29/2019 6:40	29.13	77.0	5.27	6.5	SR13	9/29/2019 12:40	29.29	79.2	5.45	5.7	SR13	9/29/2019 18:40	29.27	80.4	5.51	10.3
SR13	9/29/2019 0:45	29.07	76.9	5.25	4.8	SR13	9/29/2019 6:45	29.14	77.2	5.28	6.6	SR13	9/29/2019 12:45	29.30	77.8	5.36	5.6	SR13	9/29/2019 18:45	29.27	77.2	5.28	6.9
SR13	9/29/2019 0:50	29.10	79.3	5.40	5.1	SR13	9/29/2019 6:50	29.11	76.7	5.26	5.4	SR13	9/29/2019 12:50	29.31	78.6	5.41	6.4	SR13	9/29/2019 18:50	29.24	77.5	5.30	6.3
SR13	9/29/2019 0:55	29.15	80.2	5.47	5.5	SR13	9/29/2019 6:55	29.19	75.1	5.15	7.0	SR13	9/29/2019 12:55	29.33	76.5	5.22	6.3	SR13	9/29/2019 18:55	29.21	78.3	5.38	6.6
SR13	9/29/2019 1:00	29.16	77.6	5.28	5.5	SR13	9/29/2019 7:00	29.21	76.6	5.24	6.7	SR13	9/29/2019 13:00	29.30	78.6	5.38	5.7	SR13	9/29/2019 19:00	29.26	78.3	5.35	6.8
SR13	9/29/2019 1:05	29.17	79.9	5.48	4.9	SR13	9/29/2019 7:05	29.14	75.0	5.16	6.4	SR13	9/29/2019 13:05	29.29	77.1	5.29	6.2	SR13	9/29/2019 19:05	29.28	77.6	5.31	6.1
SR13	9/29/2019 1:10	29.14	76.6	5.24	5.0	SR13	9/29/2019 7:10	29.09	75.0	5.15	8.8	SR13	9/29/2019 13:10	29.28	77.0	5.26	7.3	SR13	9/29/2019 19:10	29.26	78.2	5.37	8.3
SR13	9/29/2019 1:15	29.09	77.6	5.32	5.1	SR13	9/29/2019 7:15	29.14	74.7	5.11	6.7	SR13	9/29/2019 13:15	29.28	78.9	5.38	5.7	SR13	9/29/2019 19:15	29.26	78.2	5.37	6.3
SR13	9/29/2019 1:20	29.15	77.4	5.33	4.5	SR13	9/29/2019 7:20	29.19	76.0	5.22	6.5	SR13	9/29/2019 13:20	29.31	78.9	5.43	6.3	SR13	9/29/2019 19:20	29.31	78.1	5.33	6.6
SR13	9/29/2019 1:25	29.11	77.3	5.30	5.5	SR13	9/29/2019 7:25	29.23	76.0	5.23	7.3	SR13	9/29/2019 13:25	29.30	76.9	5.25	6.3	SR13	9/29/2019 19:25	29.27	77.1	5.29	5.9
SR13	9/29/2019 1:30	29.14	79.4	5.45	5.1	SR13	9/29/2019 7:30	29.17	78.0	5.34	8.0	SR13	9/29/2019 13:30	29.27	78.7	5.41	6.2	SR13	9/29/2019 19:30	29.23	77.4	5.33	6.1
SR13	9/29/2019 1:35	29.14	77.3	5.31	4.9	SR13	9/29/2019 7:35	29.19	77.1	5.32	6.5	SR13	9/29/2019 13:35	29.22	76.7	5.24	5.8	SR13	9/29/2019 19:35	29.28	75.6	5.16	5.9
SR13	9/29/2019 1:40	29.11	76.7	5.26	5.2	SR13	9/29/2019 7:40	29.14	76.1	5.24	7.5	SR13	9/29/2019 13:40	29.28	78.3	5.37	5.4	SR13	9/29/2019 19:40	29.26	77.8	5.32	5.5
SR13	9/29/2019 1:45	29.15	77.9	5.35	5.5	SR13	9/29/2019 7:45	29.11	76.5	5.24	6.5	SR13	9/29/2019 13:45	29.26	77.3	5.28	5.7	SR13	9/29/2019 19:45	29.25	76.7	5.27	5.4
SR13	9/29/2019 1:50	29.12	80.4	5.49	5.7	SR13	9/29/2019 7:50	29.07	78.1	5.34	7.2	SR13	9/29/2019 13:50	29.31	77.5	5.31	6.3	SR13	9/29/2019 19:50	29.26	76.1	5.21	6.4
SR13	9/29/2019 1:55	29.19	77.5	5.33	5.4	SR13	9/29/2019 7:55	29.16	77.4	5.33	5.8	SR13	9/29/2019 13:55	29.33	77.1	5.24	6.2	SR13	9/29/2019 19:55	29.30	75.1	5.14	6.0
SR13	9/29/2019 2:00	29.19	78.6	5.39	6.4	SR13	9/29/2019 8:00	29.10	77.1	5.26	7.6	SR13	9/29/2019 14:00	29.30	77.4	5.30	6.4	SR13	9/29/2019 20:00	29.32	76.8	5.24	6.0
SR13	9/29/2019 2:05	29.19	76.3	5.20	5.8	SR13	9/29/2019 8:05	29.17	77.0	5.26	6.2	SR13	9/29/2019 14:05	29.34	78.7	5.36	6.8	SR13	9/29/2019 20:05	29.33	75.3	5.17	5.7
SR13	9/29/2019 2:10	29.14	77.6	5.32	6.2	SR13	9/29/2019 8:10	29.22	78.0	5.32	6.5	SR13	9/29/2019 14:10	29.37	77.8	5.36	6.6	SR13	9/29/2019 20:10	29.33	74.0	5.07	6.3
SR13	9/29/2019 2:15	29.18	75.1	5.15	4.7	SR13	9/29/2019 8:15	29.24	75.3	5.14	6.3	SR13	9/29/2019 14:15	29.37	76.6	5.27	5.8	SR13	9/29/2019 20:15	29.30	76.4	5.25	6.3
SR13	9/29/2019 2:20	29.17	75.9	5.20	4.8	SR13	9/29/2019 8:20	29.14	74.9	5.14	7.5	SR13	9/29/2019 14:20	29.38	75.8	5.20	6.5	SR13	9/29/2019 20:20	29.29	74.5	5.09	7.3
SR13	9/29/2019 2:25	29.15	74.9	5.11	5.2	SR13	9/29/2019 8:25	29.14	74.0	5.06	6.1	SR13	9/29/2019 14:25	29.30	76.5	5.26	7.4	SR13	9/29/2019 20:25	29.28	76.7	5.26	5.4
SR13	9/29/2019 2:30	29.16	76.4	5.21	6.5	SR13	9/29/2019 8:30	29.13	75.8	5.19	6.2	SR13	9/29/2019 14:30	29.23	79.4	5.44	6.8	SR13	9/29/2019 20:30	29.20	76.2	5.21	5.4
SR13	9/29/2019 2:35	29.16	75.4	5.17	5.4	SR13	9/29/2019 8:35	29.18	77.0	5.29	5.3	SR13	9/29/2019 14:35	29.28	78.6	5.37	8.0	SR13	9/29/2019 20:35	29.19	77.3	5.28	8.2
SR13	9/29/2019 2:40	29.19	76.9	5.25	5.6	SR13	9/29/2019 8:40	29.17	75.0	5.12	5.5	SR13	9/29/2019 14:40	29.32	77.9	5.35	8.2	SR13	9/29/2019 20:40	29.18	76.0	5.18	5.5
SR13	9/29/2019 2:45	29.18	77.8	5.30	5.4	SR13	9/29/2019 8:45	29.19	75.0	5.14	6.3	SR13	9/29/2019 14:45	29.30	78.4	5.34	7.9	SR13	9/29/2019 20:45	29.27	76.1	5.19	6.3
SR13	9/29/2019 2:50	29.20	75.3	5.13	5.2	SR13	9/29/2019 8:50	29.24	74.5	5.11	5.4	SR13	9/29/2019 14:50	29.29	77.6	5.29	10.1	SR13	9/29/2019 20:50	29.20	73.5	5.06	4.9
SR13	9/29/2019 2:55	29.17	76.7	5.25	4.9	SR13	9/29/2019 8:55	29.20	75.1	5.16	5.5	SR13	9/29/2019 14:55	29.33	79.7	5.47	7.8	SR13	9/29/2019 20:55	29.26	76.3	5.24	5.3
SR13	9/29/2019 3:00	29.16	77.1	5.29	4.9	SR13	9/29/2019 9:00	29.16	76.3	5.23	4.5	SR13	9/29/2019 15:00	29.23	78.6	5.37	11.2	SR13	9/29/2019 21:00	29.19	74.3	5.09	6.3
SR13	9/29/2019 3:05	29.14	75.5	5.18	6.8	SR13	9/29/2019 9:05	29.15	76.1	5.20	5.8	SR13	9/29/2019 15:05	29.31	79.7	5.48	7.9	SR13	9/29/2019 21:05	29.25	75.7	5.21	5.2
SR13	9/29/2019 3:10	29.12	78.1	5.33	5.4	SR13	9/29/2019 9:10	29.16	73.2	5.02	5.4	SR13	9/29/2019 15:10	29.32	80.4	5.53	6.5	SR13	9/29/2019 21:10	29.20	75.7	5.18	6.3
SR13	9/29/2019 3:15	29.18	76.1	5.18	4.7	SR13	9/29/2019 9:15	29.14	75.0	5.15	5.4	SR13	9/29/2019 15:15	29.24	80.9	5.50	6.9	SR13	9/29/2019 21:15	29.23	76.1	5.22	5.7
SR13	9/29/2019 3:20	29.19	78.5	5.38	5.5	SR13	9/29/2019 9:20	29.21	75.0	5.11	5.7	SR13	9/29/2019 15:20	29.29	79.7	5.44	7.3	SR13	9/29/2019 21:20	29.23	73.9	5.06	4.9
SR13	9/29/2019 3:25	29.16	76.3	5.20	4.7	SR13	9/29/2019 9:25	29.22	75.7	5.19	5.2	SR13	9/29/2019 15:25	29.33	82.1	5.63	7.1	SR13	9/29/2019 21:25	29.25	74.3	5.10	5.5
SR13	9/29/2019 3:30	29.16	78.5	5.38	6.1	SR13	9/29/2019 9:30	29.21	75.8	5.19	5.6	SR13	9/29/2019 15:30	29.31	81.6	5.58	6.5	SR13	9/29/2019 21:30	29.23	73.7	5.03	9.6
SR13	9/29/2019 3:35	29.17	80.3	5.50	5.7	SR13	9/29/2019 9:35	29.21	77.9	5.34	5.8	SR13	9/29/2019 15:35	29.35	79.7	5.42	6.7	SR13	9/29/2019 21:35	29.24	74.4	5.09	4.8
SR13	9/29/2019 3:40	29.19	77.9	5.33	5.2	SR13	9/29/2019 9:40	29.19	77.3	5.32	4.9	SR13	9/29/2019 15:40	29.29	80.9	5.54	6.6	SR13	9/29/2019 21:40	29.22	74.3	5.10	4.5
SR13	9/29/2019 3:45	29.18	79.8	5.44	5.6	SR13	9/29/2019 9:45	29.21	78.6	5.37	4.6	SR13	9/29/2019 15:45	29.31	79.9	5.47	6.2	SR13	9/29/2019 21:45	29.25	71.2	4.90	5.5
SR13	9/29/2019 3:50	29.17	81.0	5.55	6.4	SR13	9/29/2019 9:50	29.24	77.3	5.31	4.5	SR13	9/29/2019 15:50	29.29	80.2	5.45	6.8	SR13	9/29/2019 21:50	29.21	72.9	4.99	5.4
SR13	9/29/2019 3:55	29.10	79.7	5.47	5.3	SR13	9/29/2019 9:55	29.17	77.6	5.28	5.2	SR13	9/29/2019 15:55	29.31	79.7	5.46	6.6	SR13	9/29/2019 21:55	29.28	75.6	5.17	5.5
SR13	9/29/2019 4:00	29.15	78.7	5.39	5.5	SR13	9/29/2019 10:00	29.26	76.4	5.23	5.2	SR13	9/29/2019 16:00	29.34	79.5	5.44	5.8	SR13	9/29/2019 22:00	29.27	75.0	5.15	5.5
SR13	9/29/2019 4:05	29.20	80.8	5.54	7.3	SR13	9/29/2019 10:05	29.28	76.4	5.25	4.8	SR13	9/29/2019 16:05	29.36	80.2	5.51	6.5	SR13	9/29/2019 22:05	29.28	73.3	5.04	5.0
SR13	9/29/2019 4:10	29.15	79.9	5.48	4.8	SR13	9/29/2019 10:10	29.22	76.0	5.22	4.9	SR13	9/29/2019 16:10	29.28	81.1	5.58	6.5	SR13	9/29/2019 22:10	29.19	75.1	5.16	4.8
SR13	9/29/2019 4:15	29.10	80.0	5.46	4.9	SR13	9/29/2019 10:15	29.20	77.8	5.36	5.0	SR13	9/29/2019 16:15	29.26	78.4	5.39	7.6	SR13	9/29/2019 22:15	29.28	74.0	5.07	4.9
SR13	9/29/2019 4:20	29.06	79.7	5.47	5.1	SR13	9/29/2019 10:20	29.26	76.2	5.22	5.4	SR13	9/29/2019 16:20	29.31	78.4	5.36	5.5	SR13	9/29/2019 22:20	29.28	73.5	5.03	5.2
SR13	9/29/2019 4:25	29.09	76.6	5.23	8.2	SR13	9/29/2019 10:25	29.33	78.5	5.37	5.4	SR13	9/29/2019 16:25	29.32	76.8	5.26	5.0	SR13	9/29/2019 22:25	29.23	73.7	5.07	4.7
SR13	9/29/2019 4:30	29.18	79.6	5.44	5.4	SR13	9/29/2019 10:30	29.36	78.3	5.38	5.1	SR13	9/29/2019 16:30	29.35	77.2	5.29	10.6	SR13	9/29/2019 22:30	29.24	75.0	5.17	4.7
SR13	9/29/2019 4:35	29.20	79.0	5.39	4.9	SR13	9/29/2019 10:35	29.33	80.0	5.47	6.5	SR13	9/29/2019 16:35	29.36	80.5	5.49	5.9	SR13	9/29/2019 22:35	29.21	73.4	5.03	4.5
SR13	9/29/2019 4:40	29.13	77.3	5.28	4.9	SR13	9/29/2019 10:40	29.24	79.8	5.47	5.0	SR13	9/29/2019 16:40	29.32	80.7	5.50	6.1	SR13	9/29/2019 22:40	29.23	75.7	5.17	5.2
SR13	9/29/2019 4:45	29.10	77.4	5.28	5.1	SR13	9/29/2019 10:45	29.24	79.0	5.38	5.8	SR13	9/29/2019 16:45	29.26	79.9	5.48	6.3	SR13	9/29/2019 22:45	29.21	75.6	5.20	4.4
SR13	9/29/2019 4:50	29.10	77.0	5.28	5.6	SR13	9/29/2019 10:50	29.26	80.4	5.51	5.4	SR13	9/29/2019 16:50	29.24	80.3	5.48	5.8	SR13	9/29/2019 22:50	29.28	74.6	5.12	3.9
SR13	9/29/2019 4:55	29.07	79.5	5.44	5.6	SR13	9/29/2019 10:55	29.30	79.3	5.45	4.8	SR13	9/29/2019 16:55	29.29	79.9	5.49	6.4	SR13	9/29/2019 22:55	29.24	74.9	5.15	3.4
SR13	9/29/2019 5:00	29.07	78.6	5.41	7.8	SR13	9/29/2019 11:00	29.32	80.2	5.50	5.5	SR13	9/29/2019 17:00	29.29	80.0	5.47	5.8	SR13	9/29/2019 23:00	29.24	74.7	5.16	3.3
SR13	9/29/2019 5:05	29.05	79.3	5.42	5.4	SR13	9/29/2019 11:05	29.28	80.2	5.51	5.4	SR13	9/29/2019 17:05	29.30	81.1	5.55	6.3	SR13	9/29/2019 23:05	29.17	73.1	5.03	3.3
SR13	9/29/2019 5:10	29.03	77.6	5.32	11.4	SR13	9/29/2019 11:10	29.32	78.4	5.37	4.7	SR13	9/29/2019 17:10	29.26	81.2	5.59	5.7	SR13	9/29/2019 23:10	29.16	74.8	5.13	3.7
SR13	9/29/2019 5:15	29.07	78.2	5.36	5.0	SR13	9/29/2019 11:15	29.33	78.4	5.38	5.4	SR13	9/29/2019 17:15	29.30	80.1	5.45	6.5	SR13	9/29/2019 23:15	29.16	77.3	5.30	4.6
SR13	9/29/2019 5:20	29.06	78.5	5.37	5.0	SR13	9/29/2019 11:20	29.29	78.3	5.34	5.2	SR13	9/29/2019 17:20	29.25	80.6	5.48	5.8	SR13	9/29/2019 23:20	29.13	73.2	5.01	4.1
SR13	9/29/2019 5:25	29.11	78.1	5.36	6.4	SR13	9/29/2019 11:25	29.21	79.0	5.39	5.4	SR13	9/29/2019 17:25	29.27	82.1	5.62	6.3	SR13	9/29/2019 23:25	29.22	75.1	5.16	4.4
SR13	9/29/2019 5:30	29.19	79.6	5.45	6.2	SR13	9/29/2019 11:30	29.23	78.9	5.42	4.9	SR13	9/29/2019 17:30	29.32	81.3	5.59	6.1	SR13	9/29/2019 23:30	29.23	74.6	5.11	4.2
SR13	9/29/2019 5:35	29.22	80.2	5.49	7.3	SR13	9/29/2019 11:35	29.23	78.6	5.37	5.5	SR13	9/29/2019 17:35	29.32	82.5	5.63	6.2	SR13	9/29/2019 23:35	29.24	75.5	5.19	4.3
SR13	9/29/2019 5:40	29.22	79.2	5.43	7.5	SR13	9/29/2019 11:40	29.22	78.2	5.34	6.0	SR13	9/29/2019 17:40	29.31	82.3	5.65	7.1	SR13	9/29/2019 23:40	29.26	77.5	5.33	4.1
SR13	9/29/2019 5:45	29.17	77.5	5.32	7.1	SR13	9/29/2019 11:45	29.21	77.9	5.30	5.5	SR13	9/29/2019 17:45	29.31	81.7	5.58	5.9	SR13	9/29/2019 23:45	29.26	76.7	5.28	4.7
SR13	9/29/2019 5:50	29.10	78.6	5.39	11.5	SR13	9/29/2019 11:50	29.21	78.9	5.39	6.2	SR13	9/29/2019 17:50	29.31	80.7	5.49	6.8	SR13	9/29/2019 23:50	29.29	74.3	5.20	4.6
SR13	9/29/2019 5:55	29.09	79.2	5.44	6.9	SR13	9/29/2019 11:55	29.22	81.3	5.55	6.0	SR13	9/29/2019 17:55	29.27	80.4	5.49	5.5	SR13	9/29/2019 23:55	29.30	73.6	5.15	4.5

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	9/29/2019 0:17	0.21				SR12	9/29/2019 0:17	0.33			
SR4	9/29/2019 0:37	0.19				SR12	9/29/2019 0:37	0.33			
SR4	9/29/2019 0:57	0.19				SR12	9/29/2019 0:57	0.34			
SR4	9/29/2019 1:17	0.21				SR12	9/29/2019 1:17	0.31			
SR4	9/29/2019 1:37	0.20				SR12	9/29/2019 1:37	0.32			
SR4	9/29/2019 1:57	0.20				SR12	9/29/2019 1:57	0.34			
SR4	9/29/2019 2:17	0.20				SR12	9/29/2019 2:17	0.31			
SR4	9/29/2019 2:37	0.23				SR12	9/29/2019 2:37	0.32			
SR4	9/29/2019 2:57	0.23				SR12	9/29/2019 2:57	0.31			
SR4	9/29/2019 3:17	0.22				SR12	9/29/2019 3:17	0.31			
SR4	9/29/2019 3:37	0.20				SR12	9/29/2019 3:37	0.33			
SR4	9/29/2019 3:57	0.22				SR12	9/29/2019 3:57	0.33			
SR4	9/29/2019 4:17	0.22				SR12	9/29/2019 4:17	0.31			
SR4	9/29/2019 4:37	0.21				SR12	9/29/2019 4:37	0.31			
SR4	9/29/2019 4:57	0.23				SR12	9/29/2019 4:57	0.25			
SR4	9/29/2019 5:17	0.22				SR12	9/29/2019 5:17	0.22			
SR4	9/29/2019 5:37	0.22				SR12	9/29/2019 5:37	0.24			
SR4	9/29/2019 5:57	0.22				SR12	9/29/2019 5:57	0.21			
SR4						SR12					
SR4	9/29/2019 6:37	0.22				SR12	9/29/2019 6:37	0.22			
SR4	9/29/2019 6:57	0.20				SR12	9/29/2019 6:57	0.24			
SR4	9/29/2019 7:17	0.23				SR12	9/29/2019 7:17	0.21			
SR4	9/29/2019 7:37	0.23				SR12	9/29/2019 7:37	0.22			
SR4	9/29/2019 7:57	0.20				SR12	9/29/2019 7:57	0.23			
SR4	9/29/2019 8:17	0.20				SR12	9/29/2019 8:17	0.24			
SR4	9/29/2019 8:37	0.23				SR12	9/29/2019 8:37	0.23			
SR4	9/29/2019 8:57	0.22				SR12	9/29/2019 8:57	0.24			
SR4	9/29/2019 9:17	0.20				SR12	9/29/2019 9:17	0.21			
SR4	9/29/2019 9:37	0.20				SR12	9/29/2019 9:37	0.23			
SR4	9/29/2019 9:57	0.23				SR12	9/29/2019 9:57	0.21			
SR4	9/29/2019 10:17	0.21				SR12	9/29/2019 10:17	0.23			
SR4	9/29/2019 10:37	0.23				SR12	9/29/2019 10:37	0.22			
SR4	9/29/2019 10:57	0.21				SR12	9/29/2019 10:57	0.21			
SR4	9/29/2019 11:17	0.22				SR12	9/29/2019 11:17	0.24			
SR4	9/29/2019 11:37	0.22				SR12	9/29/2019 11:37	0.22			
SR4	9/29/2019 11:57	0.24				SR12	9/29/2019 11:57	0.22			
SR4	9/29/2019 12:17	0.23				SR12	9/29/2019 12:17	0.22			
SR4	9/29/2019 12:37	0.24				SR12	9/29/2019 12:37	0.22			
SR4	9/29/2019 12:57	0.22				SR12	9/29/2019 12:57	0.22			
SR4	9/29/2019 13:17	0.23				SR12	9/29/2019 13:17	0.22			
SR4	9/29/2019 13:37	0.24				SR12	9/29/2019 13:37	0.23			
SR4	9/29/2019 13:57	0.24				SR12	9/29/2019 13:57	0.21			
SR4	9/29/2019 14:17	0.23				SR12	9/29/2019 14:17	0.21			
SR4	9/29/2019 14:37	0.24				SR12	9/29/2019 14:37	0.23			
SR4	9/29/2019 14:57	0.21				SR12	9/29/2019 14:57	0.23			
SR4	9/29/2019 15:17	0.21				SR12	9/29/2019 15:17	0.24			
SR4	9/29/2019 15:37	0.23				SR12	9/29/2019 15:37	0.21			
SR4	9/29/2019 15:57	0.24				SR12	9/29/2019 15:57	0.23			
SR4	9/29/2019 16:17	0.22				SR12	9/29/2019 16:17	0.23			
SR4	9/29/2019 16:37	0.22				SR12	9/29/2019 16:37	0.21			
SR4	9/29/2019 16:57	0.21				SR12	9/29/2019 16:57	0.21			
SR4	9/29/2019 17:17	0.19				SR12	9/29/2019 17:17	0.23			
SR4	9/29/2019 17:37	0.19				SR12	9/29/2019 17:37	0.21			
SR4	9/29/2019 17:57	0.21				SR12	9/29/2019 17:57	0.21			
SR4	9/29/2019 18:17	0.22				SR12	9/29/2019 18:17	0.20			
SR4	9/29/2019 18:37	0.22				SR12	9/29/2019 18:37	0.20			
SR4	9/29/2019 18:57	0.22				SR12	9/29/2019 18:57	0.21			
SR4	9/29/2019 19:17	0.20				SR12	9/29/2019 19:17	0.20			
SR4	9/29/2019 19:37	0.19				SR12	9/29/2019 19:37	0.20			
SR4	9/29/2019 19:57	0.21				SR12	9/29/2019 19:57	0.21			
SR4	9/29/2019 20:17	0.22				SR12	9/29/2019 20:17	0.21			
SR4	9/29/2019 20:37	0.20				SR12	9/29/2019 20:37	0.19			
SR4	9/29/2019 20:57	0.21				SR12	9/29/2019 20:57	0.20			
SR4	9/29/2019 21:17	0.19				SR12	9/29/2019 21:17	0.19			
SR4	9/29/2019 21:37	0.19				SR12	9/29/2019 21:37	0.19			
SR4	9/29/2019 21:57	0.22				SR12	9/29/2019 21:57	0.20			
SR4	9/29/2019 22:17	0.20				SR12	9/29/2019 22:17	0.21			
SR4	9/29/2019 22:37	0.19				SR12	9/29/2019 22:37	0.20			
SR4	9/29/2019 22:57	0.21				SR12	9/29/2019 22:57	0.19			
SR4	9/29/2019 23:17	0.22				SR12	9/29/2019 23:17	0.20			
SR4	9/29/2019 23:37	0.19				SR12	9/29/2019 23:37	0.20			
SR4	9/29/2019 23:57	0.19				SR12	9/29/2019 23:57	0.20			

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	9/30/2019 0:01	29.09	72.3	4.79	3.2	SR4	9/30/2019 6:01	29.03	77.4	5.17	5.6	SR4	9/30/2019 12:01	29.41	81.7	5.46	2.7	SR4	9/30/2019 18:01	29.32	78.4	5.12	6.7
SR4	9/30/2019 0:06	29.07	75.3	4.96	3.2	SR4	9/30/2019 6:06	29.03	81.2	5.36	5.1	SR4	9/30/2019 12:06	29.34	78.3	5.26	3.3	SR4	9/30/2019 18:06	29.33	81.0	5.36	5.6
SR4	9/30/2019 0:11	29.08	75.0	4.99	3.4	SR4	9/30/2019 6:11	29.03	77.1	5.10	5.0	SR4	9/30/2019 12:11	29.38	80.5	5.36	2.6	SR4	9/30/2019 18:11	29.37	79.6	5.27	6.2
SR4	9/30/2019 0:16	29.09	75.4	4.96	3.5	SR4	9/30/2019 6:16	29.02	75.9	5.09	4.2	SR4						SR4	9/30/2019 18:16	29.35	76.9	5.14	6.9
SR4	9/30/2019 0:21	29.09	74.4	4.96	4.2	SR4	9/30/2019 6:21	29.01	76.4	5.06	4.2	SR4						SR4	9/30/2019 18:21	29.31	81.1	5.35	6.2
SR4	9/30/2019 0:26	29.09	75.6	5.03	4.1	SR4	9/30/2019 6:26	29.02	77.3	5.13	4.7	SR4						SR4	9/30/2019 18:26	29.30	79.0	5.29	6.2
SR4	9/30/2019 0:31	29.09	75.3	4.94	3.4	SR4	9/30/2019 6:31	29.03	79.4	5.30	5.3	SR4						SR4	9/30/2019 18:31	29.28	82.9	5.41	5.9
SR4	9/30/2019 0:36	29.09	72.8	4.86	3.4	SR4	9/30/2019 6:36	29.03	79.3	5.25	4.6	SR4						SR4	9/30/2019 18:36	29.30	79.9	5.25	6.1
SR4	9/30/2019 0:41	29.10	72.2	4.82	4.7	SR4	9/30/2019 6:41	29.03	77.4	5.15	4.1	SR4						SR4	9/30/2019 18:41	29.30	79.4	5.24	4.5
SR4	9/30/2019 0:46	29.09	74.5	4.94	3.4	SR4	9/30/2019 6:46	29.06	79.8	5.26	5.9	SR4						SR4	9/30/2019 18:46	29.29	81.0	5.39	5.2
SR4	9/30/2019 0:51	29.09	75.2	4.99	3.6	SR4	9/30/2019 6:51	29.05	79.8	5.29	6.7	SR4						SR4	9/30/2019 18:51	29.28	77.4	5.06	4.9
SR4	9/30/2019 0:56	29.09	75.0	4.95	3.7	SR4	9/30/2019 6:56	29.05	77.9	5.17	4.3	SR4						SR4	9/30/2019 18:56	29.26	79.6	5.29	4.1
SR4	9/30/2019 1:01	29.09	71.3	4.72	3.3	SR4	9/30/2019 7:01	29.05	78.6	5.18	5.6	SR4						SR4	9/30/2019 19:01	29.27	81.4	5.34	5.1
SR4	9/30/2019 1:06	29.09	70.9	4.70	3.1	SR4	9/30/2019 7:06	29.04	78.7	5.16	6.8	SR4						SR4	9/30/2019 19:06	29.28	78.1	5.12	4.0
SR4	9/30/2019 1:11	29.10	68.7	4.54	2.5	SR4	9/30/2019 7:11	29.03	79.3	5.18	6.4	SR4						SR4	9/30/2019 19:11	29.26	77.6	5.16	4.8
SR4	9/30/2019 1:16	29.09	70.4	4.60	2.5	SR4	9/30/2019 7:16	29.04	78.5	5.15	8.0	SR4						SR4	9/30/2019 19:16	29.27	77.2	5.06	4.0
SR4	9/30/2019 1:21	29.07	70.1	4.65	3.4	SR4	9/30/2019 7:21	29.04	76.3	4.98	5.2	SR4	9/30/2019 13:21	29.43	73.8	4.83	1.5	SR4	9/30/2019 19:21	29.25	78.1	5.23	4.2
SR4	9/30/2019 1:26	29.04	71.5	4.75	3.0	SR4	9/30/2019 7:26	29.04	77.5	5.06	5.7	SR4	9/30/2019 13:26	29.51	79.7	5.23	3.3	SR4	9/30/2019 19:26	29.26	79.3	5.23	3.6
SR4	9/30/2019 1:31	29.04	72.4	4.86	5.6	SR4	9/30/2019 7:31	29.04	76.2	4.99	5.3	SR4	9/30/2019 13:31	29.48	75.4	4.93	4.5	SR4	9/30/2019 19:31	29.27	75.3	4.94	3.3
SR4	9/30/2019 1:36	29.05	72.8	4.82	3.0	SR4	9/30/2019 7:36	29.04	74.6	4.99	5.3	SR4	9/30/2019 13:36	29.52	79.0	5.25	3.3	SR4	9/30/2019 19:36	29.26	79.5	5.20	5.8
SR4	9/30/2019 1:41	29.07	71.5	4.79	3.5	SR4	9/30/2019 7:41	29.04	77.4	5.06	5.9	SR4	9/30/2019 13:41	29.51	76.9	5.10	2.1	SR4	9/30/2019 19:41	29.26	77.8	5.17	6.0
SR4	9/30/2019 1:46	29.04	74.4	4.91	3.8	SR4	9/30/2019 7:46	29.05	76.9	5.09	**11.4**	SR4	9/30/2019 13:46	29.51	75.0	4.97	1.7	SR4	9/30/2019 19:46	29.25	74.9	4.95	5.8
SR4	9/30/2019 1:51	29.03	69.6	4.62	2.3	SR4	9/30/2019 7:51	29.05	77.8	5.10	5.6	SR4	9/30/2019 13:51	29.52	75.8	4.99	1.9	SR4	9/30/2019 19:51	29.26	79.4	5.25	**10.6**
SR4	9/30/2019 1:56	29.06	72.1	4.71	2.8	SR4	9/30/2019 7:56	29.05	78.1	5.12	8.4	SR4	9/30/2019 13:56	29.56	77.0	5.12	2.3	SR4	9/30/2019 19:56	29.26	76.6	5.14	6.2
SR4	9/30/2019 2:01	29.07	71.2	4.75	2.9	SR4	9/30/2019 8:01	29.05	77.9	5.10	8.8	SR4	9/30/2019 14:01	29.63	81.3	5.32	2.7	SR4	9/30/2019 20:01	29.26	76.0	4.98	4.9
SR4	9/30/2019 2:06	29.06	69.0	4.60	2.6	SR4	9/30/2019 8:06	29.05	76.4	5.08	8.2	SR4	9/30/2019 14:06	29.64	81.5	5.34	2.9	SR4	9/30/2019 20:06	29.26	74.3	4.85	4.8
SR4	9/30/2019 2:11	29.06	71.0	4.64	2.4	SR4	9/30/2019 8:11	29.06	76.7	5.08	7.2	SR4	9/30/2019 14:11	29.66	81.6	5.41	2.7	SR4	9/30/2019 20:11	29.25	76.9	5.07	6.1
SR4	9/30/2019 2:16	29.06	70.9	4.68	3.0	SR4	9/30/2019 8:16	29.06	77.5	5.10	7.7	SR4	9/30/2019 14:16	29.65	78.7	5.28	2.4	SR4	9/30/2019 20:16	29.25	76.9	5.15	6.5
SR4	9/30/2019 2:21	29.07	71.3	4.79	3.6	SR4	9/30/2019 8:21	29.06	75.7	5.06	8.5	SR4	9/30/2019 14:21	29.69	80.1	5.29	1.7	SR4	9/30/2019 20:21	29.25	77.2	5.06	5.9
SR4	9/30/2019 2:26	29.07	69.6	4.62	2.7	SR4	9/30/2019 8:26	29.06	76.9	5.02	6.8	SR4	9/30/2019 14:26	29.60	76.7	5.01	1.5	SR4	9/30/2019 20:26	29.25	77.0	5.04	6.2
SR4	9/30/2019 2:31	29.07	68.6	4.55	2.4	SR4	9/30/2019 8:31	29.06	75.9	4.98	8.6	SR4	9/30/2019 14:31	29.61	78.8	5.21	3.9	SR4	9/30/2019 20:31	29.25	74.7	4.96	6.2
SR4	9/30/2019 2:36	29.06	69.9	4.60	2.3	SR4	9/30/2019 8:36	29.07	74.8	4.97	6.9	SR4	9/30/2019 14:36	29.59	75.3	5.05	1.6	SR4	9/30/2019 20:36	29.26	72.9	4.88	6.1
SR4	9/30/2019 2:41	29.06	67.0	4.46	2.1	SR4	9/30/2019 8:41	29.07	76.0	4.97	7.0	SR4	9/30/2019 14:41	29.64	79.9	5.27	3.8	SR4	9/30/2019 20:41	29.25	74.9	4.93	6.2
SR4	9/30/2019 2:46	29.05	69.4	4.58	2.8	SR4	9/30/2019 8:46	29.08	74.9	5.01	7.4	SR4	9/30/2019 14:46	29.64	78.3	5.25	2.5	SR4	9/30/2019 20:46	29.25	74.7	4.92	5.2
SR4	9/30/2019 2:51	29.06	70.0	4.57	2.8	SR4	9/30/2019 8:51	29.09	75.5	5.04	5.1	SR4	9/30/2019 14:51	29.62	78.9	5.16	1.6	SR4	9/30/2019 20:51	29.25	74.6	4.90	8.9
SR4	9/30/2019 2:56	29.03	68.4	4.57	3.5	SR4	9/30/2019 8:56	29.08	76.0	4.98	7.1	SR4	9/30/2019 14:56	29.60	80.8	5.31	3.9	SR4	9/30/2019 20:56	29.24	73.8	4.95	6.4
SR4	9/30/2019 3:01	29.04	69.8	4.66	3.7	SR4	9/30/2019 9:01	29.08	74.7	4.98	6.8	SR4	9/30/2019 15:01	29.57	78.4	5.14	2.3	SR4	9/30/2019 21:01	29.25	73.7	4.84	6.1
SR4	9/30/2019 3:06	29.04	70.6	4.66	3.5	SR4	9/30/2019 9:06	29.09	76.0	5.02	7.0	SR4	9/30/2019 15:06	29.52	76.5	5.06	4.1	SR4	9/30/2019 21:06	29.25	72.4	4.86	9.6
SR4	9/30/2019 3:11	29.07	69.2	4.64	3.3	SR4	9/30/2019 9:11	29.09	75.1	5.01	6.4	SR4	9/30/2019 15:11	29.52	75.0	5.03	4.0	SR4	9/30/2019 21:11	29.25	73.2	4.81	6.0
SR4	9/30/2019 3:16	29.07	71.3	4.66	3.8	SR4	9/30/2019 9:16	29.09	74.1	4.92	5.3	SR4	9/30/2019 15:16	29.72	82.5	5.40	3.0	SR4	9/30/2019 21:16	29.23	74.0	4.88	6.0
SR4	9/30/2019 3:21	29.06	67.7	4.51	2.6	SR4	9/30/2019 9:21	29.10	74.2	4.98	5.5	SR4	9/30/2019 15:21	29.64	77.5	5.20	2.3	SR4	9/30/2019 21:21	29.23	74.5	4.90	5.8
SR4	9/30/2019 3:26	29.07	66.5	4.44	2.9	SR4	9/30/2019 9:26	29.11	74.4	4.93	5.6	SR4	9/30/2019 15:26	29.58	75.2	5.04	3.4	SR4	9/30/2019 21:26	29.24	70.6	4.65	4.8
SR4	9/30/2019 3:31	29.07	66.0	4.39	2.3	SR4	9/30/2019 9:31	29.10	75.3	4.92	6.1	SR4	9/30/2019 15:31	29.64	79.9	5.25	**23.5**	SR4	9/30/2019 21:31	29.24	71.2	4.69	5.3
SR4	9/30/2019 3:36	29.07	66.9	4.37	2.3	SR4	9/30/2019 9:36	29.11	76.1	5.06	5.2	SR4	9/30/2019 15:36	29.50	72.0	4.81	5.6	SR4	9/30/2019 21:36	29.24	70.9	4.76	4.9
SR4	9/30/2019 3:41	29.08	68.1	4.54	4.0	SR4	9/30/2019 9:41	29.10	73.6	4.94	5.7	SR4	9/30/2019 15:41	29.40	75.0	4.93	6.6	SR4	9/30/2019 21:41	29.23	70.8	4.73	5.9
SR4	9/30/2019 3:46	29.09	67.3	4.50	3.9	SR4	9/30/2019 9:46	29.12	74.7	4.95	8.7	SR4	9/30/2019 15:46	29.48	76.0	4.97	4.5	SR4	9/30/2019 21:46	29.23	68.4	4.55	3.5
SR4	9/30/2019 3:51	29.10	67.6	4.54	4.5	SR4	9/30/2019 9:51	29.13	75.4	4.97	4.7	SR4	9/30/2019 15:51	29.45	74.8	4.97	3.6	SR4	9/30/2019 21:51	29.23	74.0	4.87	6.2
SR4	9/30/2019 3:56	29.09	72.8	4.80	4.5	SR4	9/30/2019 9:56	29.13	75.2	4.99	5.1	SR4	9/30/2019 15:56	29.44	72.6	4.88	3.9	SR4	9/30/2019 21:56	29.23	69.1	4.52	4.0
SR4	9/30/2019 4:01	29.09	71.6	4.74	4.0	SR4	9/30/2019 10:01	29.14	76.0	4.99	4.4	SR4	9/30/2019 16:01	29.42	74.5	4.95	4.1	SR4	9/30/2019 22:01	29.23	70.9	4.65	4.8
SR4	9/30/2019 4:06	29.10	72.0	4.74	4.3	SR4	9/30/2019 10:06	29.13	72.9	4.88	4.7	SR4	9/30/2019 16:06	29.36	74.4	4.96	5.7	SR4	9/30/2019 22:06	29.23	71.4	4.75	5.3
SR4	9/30/2019 4:11	29.10	72.6	4.76	5.3	SR4	9/30/2019 10:11	29.13	76.8	5.04	4.6	SR4	9/30/2019 16:11	29.38	74.2	4.96	4.1	SR4	9/30/2019 22:11	29.23	71.6	4.69	4.0
SR4	9/30/2019 4:16	29.08	71.9	4.77	3.8	SR4	9/30/2019 10:16	29.11	73.8	4.92	4.3	SR4	9/30/2019 16:16	29.36	73.9	4.91	3.9	SR4	9/30/2019 22:16	29.23	73.4	4.81	4.8
SR4	9/30/2019 4:21	29.08	73.9	4.84	3.9	SR4	9/30/2019 10:21	29.12	73.6	4.94	5.1	SR4	9/30/2019 16:21	29.36	73.9	4.88	4.1	SR4	9/30/2019 22:21	29.23	67.2	4.50	4.4
SR4	9/30/2019 4:26	29.08	74.9	4.93	4.0	SR4	9/30/2019 10:26	29.10	73.9	4.88	5.8	SR4	9/30/2019 16:26	29.35	77.0	5.15	5.3	SR4	9/30/2019 22:26	29.23	69.7	4.65	4.3
SR4	9/30/2019 4:31	29.07	76.0	4.97	6.6	SR4	9/30/2019 10:31	29.11	72.5	4.87	**10.6**	SR4	9/30/2019 16:31	29.35	79.3	5.21	6.0	SR4	9/30/2019 22:31	29.23	69.7	4.55	5.9
SR4	9/30/2019 4:36	29.08	73.6	4.88	5.1	SR4	9/30/2019 10:36	29.11	73.3	4.87	6.9	SR4	9/30/2019 16:36	29.37	78.3	5.26	5.1	SR4	9/30/2019 22:36	29.23	68.7	4.55	4.2
SR4	9/30/2019 4:41	29.08	71.7	4.81	5.1	SR4	9/30/2019 10:41	29.11	73.4	4.81	6.1	SR4	9/30/2019 16:41	29.37	78.8	5.26	4.3	SR4	9/30/2019 22:41	29.21	71.3	4.70	3.8
SR4	9/30/2019 4:46	29.05	76.3	5.03	5.0	SR4	9/30/2019 10:46	29.16	76.0	4.98	5.1	SR4	9/30/2019 16:46	29.37	79.3	5.19	4.4	SR4	9/30/2019 22:46	29.20	70.3	4.60	4.0
SR4	9/30/2019 4:51	29.04	77.1	5.09	4.3	SR4	9/30/2019 10:51	29.12	74.1	4.96	5.9	SR4	9/30/2019 16:51	29.36	76.3	5.09	4.1	SR4	9/30/2019 22:51	29.22	70.4	4.62	4.6
SR4	9/30/2019 4:56	29.03	77.1	5.05	3.3	SR4	9/30/2019 10:56	29.16	75.6	5.01	5.3	SR4	9/30/2019 16:56	29.38	77.6	5.09	4.2	SR4	9/30/2019 22:56	29.22	72.1	4.73	4.9
SR4	9/30/2019 5:01	29.02	75.2	5.05	3.1	SR4	9/30/2019 11:01	29.15	73.5	4.92	5.1	SR4	9/30/2019 17:01	29.36	79.6	5.28	7.1	SR4	9/30/2019 23:01	29.22	70.8	4.66	4.4
SR4	9/30/2019 5:06	29.03	74.2	4.91	3.1	SR4	9/30/2019 11:06	29.18	76.1	5.08	4.0	SR4	9/30/2019 17:06	29.37	78.1	5.24	4.9	SR4	9/30/2019 23:06	29.22	68.5	4.54	3.6
SR4	9/30/2019 5:11	29.04	74.4	4.94	3.3	SR4	9/30/2019 11:11	29.22	76.5	5.13	4.7	SR4	9/30/2019 17:11	29.36	78.6	5.23	4.4	SR4	9/30/2019 23:11	29.21	69.3	4.59	3.8
SR4	9/30/2019 5:16	29.06	72.8	4.86	3.8	SR4	9/30/2019 11:16	29.29	79.6	5.20	3.4	SR4	9/30/2019 17:16	29.37	79.1	5.31	5.3	SR4	9/30/2019 23:16	29.21	70.3	4.59	3.6
SR4	9/30/2019 5:21	29.06	74.8	4.93	3.9	SR4	9/30/2019 11:21	29.28	77.5	5.13	4.1	SR4	9/30/2019 17:21	29.36	78.1	5.12	4.8	SR4	9/30/2019 23:21	29.21	71.3	4.66	3.4
SR4	9/30/2019 5:26	29.06	73.5	4.90	5.1	SR4	9/30/2019 11:26	29.27	79.5	5.21	3.9	SR4	9/30/2019 17:26	29.36	77.5	5.14	6.1	SR4	9/30/2019 23:26	29.21	74.6	4.87	4.8
SR4	9/30/2019 5:31	29.03	72.6	4.81	3.6	SR4	9/30/2019 11:31	29.28	78.6	5.15	3.3	SR4	9/30/2019 17:31	29.35	77.1	5.18	6.5	SR4	9/30/2019 23:31	29.21	75.0	4.94	4.6
SR4	9/30/2019 5:36	29.05	74.7	4.92	4.2	SR4	9/30/2019 11:36	29.41	81.2	5.35	2.9	SR4	9/30/2019 17:36	29.35	79.5	5.24	8.2	SR4	9/30/2019 23:36	29.21	73.4	4.84	2.9
SR4	9/30/2019 5:41	29.02	74.6	4.99	4.7	SR4	9/30/2019 11:41	29.36	78.8	5.28	3.7	SR4	9/30/2019 17:41	29.33	77.4	5.17	6.2	SR4	9/30/2019 23:41	29.21	71.5	4.79	4.2
SR4	9/30/2019 5:46	29.03	75.5	5.07	3.9	SR4	9/30/2019 11:46	29.28	77.5	5.20	3.6	SR4	9/30/2019 17:46	29.33	77.3	5.19	5.7	SR4	9/30/2019 23:46	29.20	71.1	4.69	3.3
SR4	9/30/2019 5:51	29.03	73.6	4.93	5.6	SR4	9/30/2019 11:51	29.30	78.5	5.25	4.0	SR4	9/30/2019 17:51	29.32	79.0	5.17	5.5	SR4	9/30/2019 23:51	29.20	72.2	4.77	3.3
SR4	9/30/2019 5:56	29.03	76.2	5.03	5.9	SR4	9/30/2019 11:56	29.40	78.3	5.24	2.7	SR4	9/30/2019 17:56	29.34	77.4	5.17	6.4	SR4	9/30/2019 23:56	29.19	71.0	4.64	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)
SR5	9/30/2019 0:00	29.17	81.5	5.51	5.3	SR5	9/30/2019 6:00	29.28	81.9	5.24	6.1	SR5	9/30/2019 12:00	29.25	75.0	5.24	5.8	SR5	9/30/2019 18:00	29.48	83.6	5.33	4.2
SR5	9/30/2019 0:05	29.17	82.1	5.55	5.6	SR5	9/30/2019 6:05	29.28	83.0	5.30	5.1	SR5	9/30/2019 12:05	29.24	75.0	5.26	5.5	SR5	9/30/2019 18:05	29.49	83.5	5.32	6.6
SR5	9/30/2019 0:10	29.16	83.0	5.60	5.9	SR5	9/30/2019 6:10	29.27	81.9	5.24	5.2	SR5	9/30/2019 12:10	29.24	77.3	5.24	7.2	SR5	9/30/2019 18:10	29.49	83.5	5.32	6.6
SR5	9/30/2019 0:15	29.17	83.1	5.61	3.7	SR5	9/30/2019 6:15	29.27	82.1	5.25	5.6	SR5	9/30/2019 12:15	29.26	78.1	5.29	7.2	SR5	9/30/2019 18:15	29.48	83.3	5.31	7.4
SR5	9/30/2019 0:20	29.16	83.1	5.60	4.6	SR5	9/30/2019 6:20	29.26	82.2	5.25	5.9	SR5	9/30/2019 12:20	29.27	78.5	5.33	7.3	SR5	9/30/2019 18:20	29.49	83.1	5.29	4.9
SR5	9/30/2019 0:25	29.16	82.9	5.60	4.8	SR5	9/30/2019 6:25	29.27	82.2	5.25	6.5	SR5	9/30/2019 12:25	29.31	78.8	5.31	8.0	SR5	9/30/2019 18:25	29.49	82.5	5.26	5.4
SR5	9/30/2019 0:30	29.16	82.7	5.58	5.2	SR5	9/30/2019 6:30	29.26	81.9	5.23	5.9	SR5	9/30/2019 12:30	29.35	78.7	5.34	6.3	SR5	9/30/2019 18:30	29.49	82.9	5.28	6.4
SR5	9/30/2019 0:35	29.17	83.0	5.61	4.4	SR5	9/30/2019 6:35	29.25	81.8	5.22	3.7	SR5	9/30/2019 12:35	29.34	78.8	5.32	6.9	SR5	9/30/2019 18:35	29.48	83.5	5.32	6.0
SR5	9/30/2019 0:40	29.17	83.0	5.59	5.9	SR5	9/30/2019 6:40	29.25	86.5	5.86	5.2	SR5	9/30/2019 12:40	29.32	78.9	5.35	4.8	SR5	9/30/2019 18:40	29.48	83.2	5.30	7.7
SR5	9/30/2019 0:45	29.18	82.9	5.58	3.6	SR5	9/30/2019 6:45	29.24	84.6	5.75	5.5	SR5	9/30/2019 12:45	29.33	78.8	5.34	6.3	SR5	9/30/2019 18:45	29.48	83.1	5.30	7.7
SR5	9/30/2019 0:50	29.17	82.7	5.58	5.6	SR5	9/30/2019 6:50	29.24	85.2	5.80	5.9	SR5	9/30/2019 12:50	29.31	78.4	5.30	5.5	SR5	9/30/2019 18:50	29.48	83.6	5.33	6.2
SR5	9/30/2019 0:55	29.18	82.6	5.60	5.2	SR5	9/30/2019 6:55	29.24	86.1	5.83	5.5	SR5	9/30/2019 12:55	29.31	78.6	5.31	5.4	SR5	9/30/2019 18:55	29.46	83.2	5.30	7.1
SR5	9/30/2019 1:00	29.17	82.8	5.61	4.9	SR5	9/30/2019 7:00	29.23	85.3	5.79	5.6	SR5	9/30/2019 13:00	29.29	78.2	5.26	6.4	SR5	9/30/2019 19:00	29.45	82.8	5.28	7.5
SR5	9/30/2019 1:05	29.18	83.1	5.59	4.4	SR5	9/30/2019 7:05	29.23	84.3	5.71	4.2	SR5	9/30/2019 13:05	29.29	77.9	5.26	5.7	SR5	9/30/2019 19:05	29.43	82.6	5.26	6.8
SR5	9/30/2019 1:10	29.17	83.0	5.62	4.7	SR5	9/30/2019 7:10	29.22	84.4	5.76	5.5	SR5	9/30/2019 13:10	29.30	77.4	5.24	6.2	SR5	9/30/2019 19:10	29.42	82.7	5.27	6.9
SR5	9/30/2019 1:15	29.13	84.2	5.68	6.1	SR5	9/30/2019 7:15	29.21	85.3	5.79	4.3	SR5	9/30/2019 13:15	29.28	77.8	5.24	7.8	SR5	9/30/2019 19:15	29.40	82.1	5.23	7.0
SR5	9/30/2019 1:20	29.14	83.9	5.69	5.0	SR5	9/30/2019 7:20	29.21	86.1	5.88	4.6	SR5	9/30/2019 13:20	29.29	78.0	5.28	3.9	SR5	9/30/2019 19:20	29.41	82.5	5.26	7.4
SR5	9/30/2019 1:25	29.13	84.1	5.71	6.1	SR5	9/30/2019 7:25	29.22	85.7	5.82	5.5	SR5	9/30/2019 13:25	29.29	78.6	5.34	3.8	SR5	9/30/2019 19:25	29.40	82.3	5.24	6.5
SR5	9/30/2019 1:30	29.13	84.4	5.69	4.2	SR5	9/30/2019 7:30	29.19	85.2	5.79	5.4	SR5	9/30/2019 13:30	29.30	79.0	5.33	6.3	SR5	9/30/2019 19:30	29.38	81.7	5.21	8.1
SR5	9/30/2019 1:35	29.15	83.9	5.69	5.4	SR5	9/30/2019 7:35	29.21	85.6	5.83	5.1	SR5	9/30/2019 13:35	29.41	79.8	5.38	4.3	SR5	9/30/2019 19:35	29.38	78.9	5.32	9.0
SR5	9/30/2019 1:40	29.17	84.0	5.69	4.4	SR5	9/30/2019 7:40	29.19	85.5	5.80	6.0	SR5	9/30/2019 13:40	29.42	79.4	5.35	6.2	SR5	9/30/2019 19:40	29.37	78.5	5.33	7.5
SR5	9/30/2019 1:45	29.14	84.4	5.74	5.4	SR5	9/30/2019 7:45	29.19	85.1	5.78	4.1	SR5	9/30/2019 13:45	29.43	83.0	5.26	6.1	SR5	9/30/2019 19:45	29.38	78.7	5.34	7.1
SR5	9/30/2019 1:50	29.14	84.6	5.71	6.0	SR5	9/30/2019 7:50	29.18	85.0	5.76	6.0	SR5	9/30/2019 13:50	29.48	84.8	5.38	3.8	SR5	9/30/2019 19:50	29.37	79.1	5.38	8.2
SR5	9/30/2019 1:55	29.14	84.4	5.73	3.8	SR5	9/30/2019 7:55	29.17	84.6	5.78	4.9	SR5	9/30/2019 13:55	29.45	83.9	5.33	7.6	SR5	9/30/2019 19:55	29.36	78.8	5.36	8.1
SR5	9/30/2019 2:00	29.13	84.5	5.73	5.1	SR5	9/30/2019 8:00	29.17	84.3	5.73	5.4	SR5	9/30/2019 14:00	29.44	83.4	5.29	6.2	SR5	9/30/2019 20:00	29.39	78.7	5.35	6.9
SR5	9/30/2019 2:05	29.13	85.2	5.79	5.0	SR5	9/30/2019 8:05	29.18	84.5	5.74	6.5	SR5	9/30/2019 14:05	29.44	83.3	5.29	6.4	SR5	9/30/2019 20:05	29.40	78.9	5.37	6.8
SR5	9/30/2019 2:10	29.13	81.8	5.22	5.7	SR5	9/30/2019 8:10	29.18	84.1	5.71	6.1	SR5	9/30/2019 14:10	29.43	83.1	5.27	6.3	SR5	9/30/2019 20:10	29.36	78.4	5.34	7.5
SR5	9/30/2019 2:15	29.15	81.4	5.19	5.4	SR5	9/30/2019 8:15	29.17	84.8	5.74	4.9	SR5	9/30/2019 14:15	29.45	82.8	5.25	4.1	SR5	9/30/2019 20:15	29.36	78.7	5.31	8.2
SR5	9/30/2019 2:20	29.14	81.5	5.20	5.2	SR5	9/30/2019 8:20	29.17	84.6	5.73	4.7	SR5	9/30/2019 14:20	29.44	82.6	5.24	4.8	SR5	9/30/2019 20:20	29.37	78.7	5.32	7.5
SR5	9/30/2019 2:25	29.13	83.2	5.31	5.3	SR5	9/30/2019 8:25	29.17	84.2	5.72	6.1	SR5	9/30/2019 14:25	29.45	82.8	5.25	6.7	SR5	9/30/2019 20:25	29.35	79.1	5.34	7.1
SR5	9/30/2019 2:30	29.13	83.7	5.35	5.7	SR5	9/30/2019 8:30	29.16	83.8	5.68	6.1	SR5	9/30/2019 14:30	29.46	83.0	5.26	3.7	SR5	9/30/2019 20:30	29.32	79.7	5.41	7.5
SR5	9/30/2019 2:35	29.13	83.8	5.36	5.0	SR5	9/30/2019 8:35	29.17	82.8	5.59	5.8	SR5	9/30/2019 14:35	29.53	84.2	5.34	7.9	SR5	9/30/2019 20:35	29.32	79.4	5.39	5.9
SR5	9/30/2019 2:40	29.16	83.2	5.32	5.2	SR5	9/30/2019 8:40	29.15	82.3	5.57	6.2	SR5	9/30/2019 14:40	29.55	84.4	5.35	6.6	SR5	9/30/2019 20:40	29.33	79.6	5.39	7.8
SR5	9/30/2019 2:45	29.16	83.3	5.33	6.3	SR5	9/30/2019 8:45	29.16	82.1	5.56	6.2	SR5	9/30/2019 14:45	29.63	85.8	5.44	8.2	SR5	9/30/2019 20:45	29.32	79.8	5.42	7.9
SR5	9/30/2019 2:50	29.17	83.4	5.33	5.2	SR5	9/30/2019 8:50	29.16	82.0	5.55	6.3	SR5	9/30/2019 14:50	29.68	87.0	5.51	4.3	SR5	9/30/2019 20:50	29.32	79.3	5.39	6.7
SR5	9/30/2019 2:55	29.18	83.9	5.36	5.9	SR5	9/30/2019 8:55	29.16	82.0	5.56	4.1	SR5	9/30/2019 14:55	29.65	87.3	5.54	3.7	SR5	9/30/2019 20:55	29.33	79.1	5.38	6.5
SR5	9/30/2019 3:00	29.18	83.7	5.35	4.3	SR5	9/30/2019 9:00	29.18	81.8	5.55	4.6	SR5	9/30/2019 15:00	29.62	86.8	5.50	4.5	SR5	9/30/2019 21:00	29.31	79.1	5.38	8.1
SR5	9/30/2019 3:05	29.18	83.8	5.36	5.6	SR5	9/30/2019 9:05	29.18	81.8	5.57	4.1	SR5	9/30/2019 15:05	29.63	86.8	5.51	7.6	SR5	9/30/2019 21:05	29.31	79.6	5.39	7.5
SR5	9/30/2019 3:10	29.17	83.5	5.34	4.2	SR5	9/30/2019 9:10	29.17	81.8	5.56	5.9	SR5	9/30/2019 15:10	29.57	86.3	5.48	8.2	SR5	9/30/2019 21:10	29.30	79.5	5.41	8.5
SR5	9/30/2019 3:15	29.17	84.1	5.38	6.2	SR5	9/30/2019 9:15	29.17	82.2	5.59	5.0	SR5	9/30/2019 15:15	29.61	86.6	5.49	4.1	SR5	9/30/2019 21:15	29.30	79.4	5.37	6.6
SR5	9/30/2019 3:20	29.18	84.1	5.38	5.0	SR5	9/30/2019 9:20	29.17	81.6	5.57	5.4	SR5	9/30/2019 15:20	29.56	85.8	5.45	7.0	SR5	9/30/2019 21:20	29.31	78.5	5.31	7.0
SR5	9/30/2019 3:25	29.19	84.1	5.38	4.0	SR5	9/30/2019 9:25	29.18	81.3	5.54	6.3	SR5	9/30/2019 15:25	29.58	86.3	5.48	7.6	SR5	9/30/2019 21:25	29.29	79.3	5.39	6.9
SR5	9/30/2019 3:30	29.19	84.1	5.38	5.5	SR5	9/30/2019 9:30	29.19	80.8	5.49	6.4	SR5	9/30/2019 15:30	29.59	86.6	5.50	6.9	SR5	9/30/2019 21:30	29.29	79.2	5.39	8.2
SR5	9/30/2019 3:35	29.21	84.4	5.40	5.2	SR5	9/30/2019 9:35	29.17	79.8	5.41	5.9	SR5	9/30/2019 15:35	29.54	85.6	5.44	6.5	SR5	9/30/2019 21:35	29.28	79.9	5.40	7.1
SR5	9/30/2019 3:40	29.22	84.3	5.39	4.0	SR5	9/30/2019 9:40	29.16	77.7	5.28	5.8	SR5	9/30/2019 15:40	29.53	85.8	5.46	7.1	SR5	9/30/2019 21:40	29.29	79.3	5.39	6.8
SR5	9/30/2019 3:45	29.24	84.5	5.41	4.1	SR5	9/30/2019 9:45	29.15	77.5	5.23	6.1	SR5	9/30/2019 15:45	29.51	85.5	5.44	7.0	SR5	9/30/2019 21:45	29.29	79.2	5.35	6.7
SR5	9/30/2019 3:50	29.23	84.2	5.39	5.2	SR5	9/30/2019 9:50	29.18	79.2	5.39	5.9	SR5	9/30/2019 15:50	29.49	85.3	5.43	3.9	SR5	9/30/2019 21:50	29.28	79.8	5.40	6.5
SR5	9/30/2019 3:55	29.27	84.0	5.37	5.7	SR5	9/30/2019 9:55	29.16	77.0	5.38	6.2	SR5	9/30/2019 15:55	29.50	85.5	5.45	8.4	SR5	9/30/2019 21:55	29.29	80.1	5.45	6.6
SR5	9/30/2019 4:00	29.31	84.3	5.38	4.9	SR5	9/30/2019 10:00	29.17	77.2	5.35	3.9	SR5	9/30/2019 16:00	29.46	85.0	5.42	5.9	SR5	9/30/2019 22:00	29.29	79.9	5.43	6.9
SR5	9/30/2019 4:05	29.33	84.2	5.38	4.9	SR5	9/30/2019 10:05	29.15	76.9	5.36	5.4	SR5	9/30/2019 16:05	29.42	84.6	5.40	3.6	SR5	9/30/2019 22:05	29.29	79.9	5.43	6.1
SR5	9/30/2019 4:10	29.32	84.1	5.37	5.7	SR5	9/30/2019 10:10	29.16	75.6	5.25	5.0	SR5	9/30/2019 16:10	29.42	84.9	5.41	7.4	SR5	9/30/2019 22:10	29.28	79.7	5.39	7.1
SR5	9/30/2019 4:15	29.31	84.1	5.37	6.0	SR5	9/30/2019 10:15	29.16	75.2	5.26	4.2	SR5	9/30/2019 16:15	29.41	84.7	5.40	7.2	SR5	9/30/2019 22:15	29.29	79.9	5.41	6.4
SR5	9/30/2019 4:20	29.31	83.5	5.33	5.2	SR5	9/30/2019 10:20	29.16	74.5	5.28	5.4	SR5	9/30/2019 16:20	29.40	84.5	5.40	5.0	SR5	9/30/2019 22:20	29.28	80.1	5.43	6.0
SR5	9/30/2019 4:25	29.30	83.5	5.33	6.1	SR5	9/30/2019 10:25	29.17	74.0	5.27	5.0	SR5	9/30/2019 16:25	29.40	84.2	5.37	8.1	SR5	9/30/2019 22:25	29.29	80.4	5.45	5.5
SR5	9/30/2019 4:30	29.29	83.6	5.34	3.9	SR5	9/30/2019 10:30	29.16	73.9	5.21	5.7	SR5	9/30/2019 16:30	29.42	84.2	5.37	4.3	SR5	9/30/2019 22:30	29.29	80.3	5.45	7.0
SR5	9/30/2019 4:35	29.29	83.6	5.34	4.8	SR5	9/30/2019 10:35	29.14	73.7	5.26	3.7	SR5	9/30/2019 16:35	29.44	84.1	5.36	6.3	SR5	9/30/2019 22:35	29.28	80.2	5.45	6.4
SR5	9/30/2019 4:40	29.30	83.6	5.34	5.1	SR5	9/30/2019 10:40	29.15	74.5	5.24	5.7	SR5	9/30/2019 16:40	29.43	84.0	5.36	7.0	SR5	9/30/2019 22:40	29.28	80.1	5.42	5.7
SR5	9/30/2019 4:45	29.30	83.5	5.33	5.4	SR5	9/30/2019 10:45	29.15	75.8	5.32	4.9	SR5	9/30/2019 16:45	29.44	83.9	5.35	7.8	SR5	9/30/2019 22:45	29.26	79.9	5.44	5.4
SR5	9/30/2019 4:50	29.30	83.4	5.33	6.1	SR5	9/30/2019 10:50	29.14	76.1	5.33	5.7	SR5	9/30/2019 16:50	29.47	84.4	5.38	5.7	SR5	9/30/2019 22:50	29.26	80.6	5.45	5.9
SR5	9/30/2019 4:55	29.29	83.4	5.33	4.6	SR5	9/30/2019 10:55	29.14	76.4	5.32	5.6	SR5	9/30/2019 16:55	29.49	84.4	5.38	5.6	SR5	9/30/2019 22:55	29.25	80.4	5.46	6.3
SR5	9/30/2019 5:00	29.29	83.5	5.34	5.5	SR5	9/30/2019 11:00	29.14	76.7	5.36	5.2	SR5	9/30/2019 17:00	29.49	84.4	5.38	7.9	SR5	9/30/2019 23:00	29.25	81.5	5.51	6.7
SR5	9/30/2019 5:05	29.28	82.9	5.30	5.8	SR5	9/30/2019 11:05	29.14	77.2	5.39	5.8	SR5	9/30/2019 17:05	29.50	84.6	5.39	6.6	SR5	9/30/2019 23:05	29.24	81.4	5.52	6.9
SR5	9/30/2019 5:10	29.29	83.4	5.33	4.1	SR5	9/30/2019 11:10	29.13	77.5	5.42	5.0	SR5	9/30/2019 17:10	29.50	84.6	5.39	7.2	SR5	9/30/2019 23:10	29.24	81.4	5.53	6.3
SR5	9/30/2019 5:15	29.26	82.6	5.28	4.3	SR5	9/30/2019 11:15	29.14	78.2	5.42	5.4	SR5	9/30/2019 17:15	29.50	84.5	5.38	6.5	SR5	9/30/2019 23:15	29.24	81.0	5.50	6.4
SR5	9/30/2019 5:20	29.26	82.1	5.25	4.4	SR5	9/30/2019 11:20	29.13	77.8	5.40	5.8	SR5	9/30/2019 17:20	29.50	84.2	5.37	4.7	SR5	9/30/2019 23:20	29.24	80.7	5.45	7.5
SR5	9/30/2019 5:25	29.26	82.2	5.26	6.2	SR5	9/30/2019 11:25	29.22	76.6	5.33	4.6	SR5	9/30/2019 17:25	29.49	83.9	5.34	5.5	SR5	9/30/2019 23:25	29.24	80.5	5.43	7.3
SR5	9/30/2019 5:30	29.28	82.7	5.29	5.6	SR5	9/30/2019 11:30	29.38	76.6	5.31	5.1	SR5	9/30/2019 17:30	29.49	84.2	5.37	3.7	SR5	9/30/2019 23:30	29.24	80.3	5.42	6.6
SR5	9/30/2019 5:35	29.27	82.1	5.25	3.5	SR5	9/30/2019 11:35	29.42	76.9	5.36	3.8	SR5	9/30/2019 17:35	29.49	84.2	5.36	7.6	SR5	9/30/2019 23:35	29.24	80.2	5.41	7.2
SR5	9/30/2019 5:40	29.28	83.0	5.31	4.6	SR5	9/30/2019 11:40	29.34	76.5	5.32	4.3	SR5	9/30/2019 17:40	29.49	84.2	5.37	3.7	SR5	9/30/2019 23:40	29.23	80.3	5.45	7.8
SR5	9/30/2019 5:45	29.28	82.6	5.28	4.8	SR5	9/30/2019 11:45	29.37	76.5	5.32	4.6	SR5	9/30/2019 17:45	29.49	84.2	5.37	5.5	SR5	9/30/2019 23:45	29.23	80.4	5.43	7.7
SR5	9/30/2019 5:50	29.29	82.8	5.30	4.8	SR5	9/30/2019 11:50	29.24	76.7	5.31	5.8	SR5	9/30/2019 17:50	29.49	84.1	5.36	7.4	SR5	9/30/2019 23:50	29.23	79.9	5.40	6.9
SR5	9/30/2019 5:55	29.29	82.0	5.24	4.4	SR5	9/30/2019 11:55	29.24	76.1	5.28	4.7	SR5	9/30/2019 17:55	29.48	83.8	5.34	7.5	SR5	9/30/2019 23:55	29.23	79.2	5.34	7.4

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	9/30/2019 0:01	29.16	68.1	4.56	4.8	SR12	9/30/2019 6:01	29.12	75.7	5.04	5.7	SR12	9/30/2019 12:01	29.37	73.1	4.87	5.4	SR12	9/30/2019 18:01	29.27	80.4	5.41	5.5
SR12	9/30/2019 0:06	29.16	67.8	4.56	4.4	SR12	9/30/2019 6:06	29.12	73.3	4.93	6.0	SR12	9/30/2019 12:06	29.35	72.3	4.85	5.9	SR12	9/30/2019 18:06	29.27	80.5	5.41	5.2
SR12	9/30/2019 0:11	29.16	67.2	4.50	4.9	SR12	9/30/2019 6:11	29.12	74.8	5.00	7.1	SR12	9/30/2019 12:11	29.35	73.2	4.89	6.1	SR12	9/30/2019 18:11	29.27	79.6	5.32	5.5
SR12	9/30/2019 0:16	29.17	68.0	4.56	5.0	SR12	9/30/2019 6:16	29.12	74.6	4.97	5.8	SR12	9/30/2019 12:16	29.33	72.4	4.84	6.2	SR12	9/30/2019 18:16	29.27	78.8	5.29	5.6
SR12	9/30/2019 0:21	29.17	68.8	4.62	5.1	SR12	9/30/2019 6:21	29.12	73.5	4.91	5.1	SR12	9/30/2019 12:21	29.36	73.0	4.88	6.2	SR12	9/30/2019 18:21	29.27	79.7	5.33	6.6
SR12	9/30/2019 0:26	29.16	69.4	4.66	4.6	SR12	9/30/2019 6:26	29.12	73.4	4.89	6.0	SR12	9/30/2019 12:26	29.36	71.9	4.80	7.1	SR12	9/30/2019 18:26	29.27	79.0	5.31	6.5
SR12	9/30/2019 0:31	29.17	70.2	4.68	4.4	SR12	9/30/2019 6:31	29.12	71.9	4.80	5.5	SR12	9/30/2019 12:31	29.32	71.4	4.80	6.4	SR12	9/30/2019 18:31	29.27	79.1	5.31	6.5
SR12	9/30/2019 0:36	29.17	68.8	4.62	4.9	SR12	9/30/2019 6:36	29.12	71.8	4.79	5.0	SR12	9/30/2019 12:36	29.33	71.6	4.79	6.4	SR12	9/30/2019 18:36	29.28	78.5	5.23	7.6
SR12	9/30/2019 0:41	29.16	69.8	4.67	4.5	SR12	9/30/2019 6:41	29.12	72.8	4.87	6.0	SR12	9/30/2019 12:41	29.32	71.6	4.79	6.1	SR12	9/30/2019 18:41	29.28	76.8	5.17	7.3
SR12	9/30/2019 0:46	29.16	69.8	4.67	4.9	SR12	9/30/2019 6:46	29.12	72.3	4.83	9.1	SR12	9/30/2019 12:46	29.30	72.5	4.83	6.3	SR12	9/30/2019 18:46	29.29	76.8	5.15	7.5
SR12	9/30/2019 0:51	29.16	70.2	4.69	4.6	SR12	9/30/2019 6:51	29.12	71.6	4.81	5.0	SR12	9/30/2019 12:51	29.35	72.6	4.85	6.0	SR12	9/30/2019 18:51	29.28	76.4	5.11	6.4
SR12	9/30/2019 0:56	29.15	70.1	4.71	4.9	SR12	9/30/2019 6:56	29.12	70.8	4.76	6.1	SR12	9/30/2019 12:56	29.34	72.3	4.84	6.0	SR12	9/30/2019 18:56	29.28	75.7	5.04	6.5
SR12	9/30/2019 1:01	29.16	70.9	4.76	4.9	SR12	9/30/2019 7:01	29.13	70.4	4.71	5.5	SR12	9/30/2019 13:01	29.32	71.8	4.79	6.0	SR12	9/30/2019 19:01	29.28	74.7	5.00	6.6
SR12	9/30/2019 1:06	29.16	71.1	4.75	4.9	SR12	9/30/2019 7:06	29.13	70.6	4.72	5.0	SR12	9/30/2019 13:06	29.31	71.9	4.79	6.5	SR12	9/30/2019 19:06	29.29	74.2	4.97	7.1
SR12	9/30/2019 1:11	29.15	70.9	4.77	4.8	SR12	9/30/2019 7:11	29.12	70.2	4.69	6.0	SR12	9/30/2019 13:11	29.31	72.5	4.83	7.3	SR12	9/30/2019 19:11	29.28	74.3	4.99	7.5
SR12	9/30/2019 1:16	29.15	72.0	4.81	5.2	SR12	9/30/2019 7:16	29.12	69.3	4.66	5.5	SR12	9/30/2019 13:16	29.28	71.6	4.79	7.6	SR12	9/30/2019 19:16	29.29	73.9	4.96	7.1
SR12	9/30/2019 1:21	29.15	73.8	4.93	5.5	SR12	9/30/2019 7:21	29.13	70.2	4.68	7.0	SR12	9/30/2019 13:21	29.29	72.5	4.83	6.8	SR12	9/30/2019 19:21	29.28	73.8	4.96	8.1
SR12	9/30/2019 1:26	29.15	73.7	4.93	5.4	SR12	9/30/2019 7:26	29.13	69.5	4.64	6.1	SR12	9/30/2019 13:26	29.29	71.8	4.83	7.3	SR12	9/30/2019 19:26	29.28	73.6	4.93	7.8
SR12	9/30/2019 1:31	29.15	72.8	4.89	5.5	SR12	9/30/2019 7:31	29.12	69.6	4.68	5.8	SR12	9/30/2019 13:31	29.28	72.2	4.83	7.5	SR12	9/30/2019 19:31	29.28	73.7	4.91	7.1
SR12	9/30/2019 1:36	29.15	72.9	4.89	5.3	SR12	9/30/2019 7:36	29.13	70.0	4.71	6.1	SR12	9/30/2019 13:36	29.28	72.8	4.85	7.4	SR12	9/30/2019 19:36	29.28	72.8	4.88	7.0
SR12	9/30/2019 1:41	29.15	72.2	4.83	6.6	SR12	9/30/2019 7:41	29.13	70.0	4.69	6.4	SR12	9/30/2019 13:41	29.28	71.9	4.83	6.3	SR12	9/30/2019 19:41	29.28	73.3	4.91	6.1
SR12	9/30/2019 1:46	29.16	72.8	4.88	5.4	SR12	9/30/2019 7:46	29.13	69.7	4.67	6.3	SR12	9/30/2019 13:46	29.27	70.7	4.72	7.2	SR12	9/30/2019 19:46	29.28	73.3	4.92	6.8
SR12	9/30/2019 1:51	29.16	72.6	4.85	5.5	SR12	9/30/2019 7:51	29.13	70.4	4.69	6.5	SR12	9/30/2019 13:51	29.27	70.3	4.72	6.9	SR12	9/30/2019 19:51	29.28	73.3	4.88	6.8
SR12	9/30/2019 1:56	29.16	72.4	4.85	5.7	SR12	9/30/2019 7:56	29.13	69.8	4.68	6.5	SR12	9/30/2019 13:56	29.27	70.2	4.69	6.6	SR12	9/30/2019 19:56	29.28	72.9	4.88	6.1
SR12	9/30/2019 2:01	29.16	72.8	4.85	5.1	SR12	9/30/2019 8:01	29.12	70.4	4.73	6.0	SR12	9/30/2019 14:01	29.27	70.2	4.69	6.2	SR12	9/30/2019 20:01	29.28	72.4	4.85	5.9
SR12	9/30/2019 2:06	29.16	71.7	4.81	5.6	SR12	9/30/2019 8:06	29.13	70.0	4.69	6.6	SR12	9/30/2019 14:06	29.27	70.3	4.69	6.6	SR12	9/30/2019 20:06	29.28	71.4	4.80	6.1
SR12	9/30/2019 2:11	29.16	72.5	4.87	5.6	SR12	9/30/2019 8:11	29.13	69.1	4.64	6.6	SR12	9/30/2019 14:11	29.26	70.2	4.68	7.6	SR12	9/30/2019 20:11	29.28	71.6	4.77	5.8
SR12	9/30/2019 2:16	29.16	72.3	4.84	5.7	SR12	9/30/2019 8:16	29.13	69.4	4.67	5.8	SR12	9/30/2019 14:16	29.27	69.6	4.64	6.3	SR12	9/30/2019 20:16	29.27	70.4	4.71	5.9
SR12	9/30/2019 2:21	29.16	71.9	4.81	5.4	SR12	9/30/2019 8:21	29.13	70.3	4.69	6.0	SR12	9/30/2019 14:21	29.68	69.6	5.26	3.6	SR12	9/30/2019 20:21	29.28	69.8	4.66	6.2
SR12	9/30/2019 2:26	29.16	73.5	4.92	6.0	SR12	9/30/2019 8:26	29.14	71.8	4.79	6.3	SR12	9/30/2019 14:26	29.27	76.9	5.17	4.9	SR12	9/30/2019 20:26	29.27	68.2	4.59	5.1
SR12	9/30/2019 2:31	29.16	72.4	4.85	6.1	SR12	9/30/2019 8:31	29.14	70.9	4.75	5.7	SR12	9/30/2019 14:31	29.26	70.1	4.67	5.3	SR12	9/30/2019 20:31	29.27	67.3	4.51	5.8
SR12	9/30/2019 2:36	29.16	72.9	4.89	5.9	SR12	9/30/2019 8:36	29.14	67.4	4.51	6.0	SR12	9/30/2019 14:36	29.24	70.9	4.77	5.5	SR12	9/30/2019 20:36	29.27	67.6	4.51	5.5
SR12	9/30/2019 2:41	29.17	72.7	4.89	6.1	SR12	9/30/2019 8:41	29.14	67.7	4.52	6.1	SR12	9/30/2019 14:41	29.24	71.8	4.81	6.1	SR12	9/30/2019 20:41	29.27	67.8	4.52	5.8
SR12	9/30/2019 2:46	29.17	72.6	4.87	5.4	SR12	9/30/2019 8:46	29.14	68.3	4.59	6.6	SR12	9/30/2019 14:46	29.23	70.8	4.72	5.5	SR12	9/30/2019 20:46	29.27	68.4	4.58	6.6
SR12	9/30/2019 2:51	29.17	73.7	4.91	6.0	SR12	9/30/2019 8:51	29.14	70.6	4.73	6.2	SR12	9/30/2019 14:51	29.23	71.2	4.76	5.7	SR12	9/30/2019 20:51	29.27	69.1	4.63	6.0
SR12	9/30/2019 2:56	29.16	73.6	4.93	6.0	SR12	9/30/2019 8:56	29.14	71.6	4.80	6.1	SR12	9/30/2019 14:56	29.23	71.6	4.79	5.8	SR12	9/30/2019 20:56	29.27	67.5	4.51	6.1
SR12	9/30/2019 3:01	29.16	73.8	4.93	6.2	SR12	9/30/2019 9:01	29.15	72.5	4.84	5.6	SR12	9/30/2019 15:01	29.23	71.5	4.77	6.1	SR12	9/30/2019 21:01	29.26	67.7	4.54	6.4
SR12	9/30/2019 3:06	29.16	73.7	4.93	7.2	SR12	9/30/2019 9:06	29.15	71.3	4.79	5.8	SR12	9/30/2019 15:06	29.23	71.6	4.77	6.5	SR12	9/30/2019 21:06	29.26	68.9	4.59	5.3
SR12	9/30/2019 3:11	29.15	73.8	4.95	6.5	SR12	9/30/2019 9:11	29.15	71.1	4.76	5.5	SR12	9/30/2019 15:11	29.23	72.0	4.84	8.3	SR12	9/30/2019 21:11	29.26	68.4	4.58	5.5
SR12	9/30/2019 3:16	29.15	73.4	4.93	6.2	SR12	9/30/2019 9:16	29.15	70.5	4.73	5.5	SR12	9/30/2019 15:16	29.23	73.3	4.88	7.2	SR12	9/30/2019 21:16	29.25	67.5	4.54	5.8
SR12	9/30/2019 3:21	29.15	73.9	4.92	7.0	SR12	9/30/2019 9:21	29.15	72.3	4.83	5.7	SR12	9/30/2019 15:21	29.22	73.1	4.89	7.0	SR12	9/30/2019 21:21	29.26	68.9	4.63	6.0
SR12	9/30/2019 3:26	29.15	73.8	4.93	6.5	SR12	9/30/2019 9:26	29.16	71.9	4.79	5.8	SR12	9/30/2019 15:26	29.22	72.4	4.87	7.2	SR12	9/30/2019 21:26	29.25	68.6	4.59	4.7
SR12	9/30/2019 3:31	29.14	75.9	5.08	7.6	SR12	9/30/2019 9:31	29.16	72.4	4.84	6.1	SR12	9/30/2019 15:31	29.22	73.8	4.92	8.0	SR12	9/30/2019 21:31	29.25	68.2	4.56	5.0
SR12	9/30/2019 3:36	29.14	75.3	5.01	7.2	SR12	9/30/2019 9:36	29.18	72.0	4.81	5.9	SR12	9/30/2019 15:36	29.22	73.2	4.92	7.8	SR12	9/30/2019 21:36	29.25	67.9	4.54	4.6
SR12	9/30/2019 3:41	29.14	74.3	4.95	7.0	SR12	9/30/2019 9:41	29.20	71.8	4.79	5.5	SR12	9/30/2019 15:41	29.21	73.3	4.92	8.3	SR12	9/30/2019 21:41	29.26	68.0	4.54	6.5
SR12	9/30/2019 3:46	29.13	75.0	5.00	6.8	SR12	9/30/2019 9:46	29.16	69.9	4.68	6.4	SR12	9/30/2019 15:46	29.21	73.9	4.97	8.3	SR12	9/30/2019 21:46	29.26	66.5	4.46	6.5
SR12	9/30/2019 3:51	29.14	74.8	5.00	7.2	SR12	9/30/2019 9:51	29.18	68.5	4.60	6.0	SR12	9/30/2019 15:51	29.21	75.2	5.03	8.2	SR12	9/30/2019 21:51	29.26	65.9	4.43	5.6
SR12	9/30/2019 3:56	29.13	75.5	5.05	6.6	SR12	9/30/2019 9:56	29.15	68.7	4.59	5.7	SR12	9/30/2019 15:56	29.24	76.4	5.12	6.9	SR12	9/30/2019 21:56	29.25	65.4	4.40	5.3
SR12	9/30/2019 4:01	29.13	76.2	5.11	6.8	SR12						SR12	9/30/2019 16:01	29.23	76.3	5.11	8.2	SR12	9/30/2019 22:01	29.26	68.7	4.59	6.4
SR12	9/30/2019 4:06	29.13	74.6	5.01	7.0	SR12						SR12	9/30/2019 16:06	29.22	76.1	5.07	7.8	SR12	9/30/2019 22:06	29.25	68.7	4.62	5.6
SR12	9/30/2019 4:11	29.13	75.1	5.05	6.4	SR12						SR12	9/30/2019 16:11	29.24	76.9	5.16	7.7	SR12	9/30/2019 22:11	29.25	67.7	4.54	5.2
SR12	9/30/2019 4:16	29.13	77.1	5.16	7.6	SR12						SR12	9/30/2019 16:16	29.24	77.3	5.20	8.4	SR12	9/30/2019 22:16	29.26	68.4	4.60	5.8
SR12	9/30/2019 4:21	29.13	76.9	5.12	7.0	SR12						SR12	9/30/2019 16:21	29.25	78.8	5.29	8.4	SR12	9/30/2019 22:21	29.25	66.8	4.46	5.8
SR12	9/30/2019 4:26	29.12	77.4	5.21	6.8	SR12						SR12	9/30/2019 16:26	29.25	79.5	5.35	7.0	SR12	9/30/2019 22:26	29.25	68.0	4.54	5.2
SR12	9/30/2019 4:31	29.12	77.1	5.17	6.5	SR12						SR12	9/30/2019 16:31	29.26	79.6	5.36	7.8	SR12	9/30/2019 22:31	29.25	66.4	4.46	6.7
SR12	9/30/2019 4:36	29.13	76.7	5.15	6.9	SR12						SR12	9/30/2019 16:36	29.26	79.3	5.32	7.4	SR12	9/30/2019 22:36	29.25	66.5	4.43	5.1
SR12	9/30/2019 4:41	29.12	76.6	5.15	6.5	SR12						SR12	9/30/2019 16:41	29.25	78.7	5.28	7.2	SR12	9/30/2019 22:41	29.25	66.5	4.44	4.8
SR12	9/30/2019 4:46	29.12	77.6	5.19	6.7	SR12						SR12	9/30/2019 16:46	29.27	80.5	5.36	8.0	SR12	9/30/2019 22:46	29.24	67.2	4.51	4.4
SR12	9/30/2019 4:51	29.12	77.9	5.20	6.1	SR12						SR12	9/30/2019 16:51	29.27	80.3	5.35	7.4	SR12	9/30/2019 22:51	29.25	66.3	4.46	7.4
SR12	9/30/2019 4:56	29.12	77.0	5.16	6.5	SR12						SR12	9/30/2019 16:56	29.27	79.7	5.33	7.4	SR12	9/30/2019 22:56	29.25	65.7	4.42	4.9
SR12	9/30/2019 5:01	29.12	77.3	5.16	5.8	SR12						SR12	9/30/2019 17:01	29.27	80.5	5.36	7.5	SR12	9/30/2019 23:01	29.25	65.5	4.39	4.9
SR12	9/30/2019 5:06	29.11	76.8	5.13	5.1	SR12						SR12	9/30/2019 17:06	29.27	79.1	5.32	7.1	SR12	9/30/2019 23:06	29.25	66.4	4.43	6.5
SR12	9/30/2019 5:11	29.12	77.0	5.17	6.1	SR12						SR12	9/30/2019 17:11	29.27	79.3	5.32	7.1	SR12	9/30/2019 23:11	29.25	66.6	4.47	5.5
SR12	9/30/2019 5:16	29.11	75.3	5.07	5.2	SR12						SR12	9/30/2019 17:16	29.27	79.0	5.29	7.0	SR12	9/30/2019 23:16	29.25	66.6	4.44	6.0
SR12	9/30/2019 5:21	29.11	75.1	5.05	5.4	SR12						SR12	9/30/2019 17:21	29.27	80.1	5.39	6.5	SR12	9/30/2019 23:21	29.25	66.7	4.47	7.2
SR12	9/30/2019 5:26	29.12	77.7	5.17	5.7	SR12	9/30/2019 11:26	29.32	70.7	4.72	4.9	SR12	9/30/2019 17:26	29.27	80.3	5.36	6.8	SR12	9/30/2019 23:26	29.25	66.8	4.47	7.8
SR12	9/30/2019 5:31	29.12	76.4	5.09	6.2	SR12	9/30/2019 11:31	29.38	72.5	4.84	4.9	SR12	9/30/2019 17:31	29.27	79.8	5.36	6.4	SR12	9/30/2019 23:31	29.25	67.5	4.54	6.3
SR12	9/30/2019 5:36	29.12	77.0	5.13	6.1	SR12	9/30/2019 11:36	29.46	73.2	4.89	4.5	SR12	9/30/2019 17:36	29.27	80.4	5.36	7.8	SR12	9/30/2019 23:36	29.24	68.1	4.54	5.6
SR12	9/30/2019 5:41	29.12	76.6	5.12	6.0	SR12	9/30/2019 11:41	29.57	73.7	4.92	5.0	SR12	9/30/2019 17:41	29.27	80.1	5.37	6.1	SR12	9/30/2019 23:41	29.23	68.1	4.58	5.5
SR12	9/30/2019 5:46	29.12	75.8	5.08	6.0	SR12	9/30/2019 11:46	29.48	73.4	4.93	5.7	SR12	9/30/2019 17:46	29.27	79.2	5.29	5.5	SR12	9/30/2019 23:46	29.22	69.3	4.64	5.2
SR12	9/30/2019 5:51	29.12	75.8	5.09	6.0	SR12	9/30/2019 11:51	29.40	72.4	4.85	5.9	SR12	9/30/2019 17:51	29.27	80.1	5.39	5.2	SR12	9/30/2019 23:51	29.23	68.6	4.59	5.0
SR12	9/30/2019 5:56	29.13	76.4	5.09	6.6	SR12	9/30/2019 11:56	29.37	72.5	4.83	6.8	SR12	9/30/2019 17:56	29.28	80.6	5.41	6.2	SR12	9/30/2019 23:56	29.23	69.1	4.62	4.8

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	9/30/2019 0:00	29.29	74.3	5.18	4.9	SR13	9/30/2019 6:00	29.15	77.3	5.42	5.3	SR13	9/30/2019 12:00	29.45	75.3	5.31	4.8	SR13	9/30/2019 18:00	29.45	79.3	5.56	6.5
SR13	9/30/2019 0:05	29.29	74.8	5.24	4.3	SR13	9/30/2019 6:05	29.16	75.8	5.32	5.4	SR13	9/30/2019 12:05	29.46	75.8	5.33	5.3	SR13	9/30/2019 18:05	29.47	78.9	5.54	6.3
SR13	9/30/2019 0:10	29.30	75.2	5.23	4.2	SR13	9/30/2019 6:10	29.17	75.3	5.31	5.3	SR13	9/30/2019 12:10	29.44	75.6	5.33	5.5	SR13	9/30/2019 18:10	29.48	77.9	5.49	6.7
SR13	9/30/2019 0:15	29.30	74.1	5.19	5.1	SR13	9/30/2019 6:15	29.18	75.1	5.28	4.9	SR13	9/30/2019 12:15	29.44	74.7	5.26	5.4	SR13	9/30/2019 18:15	29.47	78.8	5.51	6.6
SR13	9/30/2019 0:20	29.28	75.0	5.24	5.0	SR13	9/30/2019 6:20	29.18	76.1	5.35	5.4	SR13	9/30/2019 12:20	29.49	76.9	5.38	4.7	SR13	9/30/2019 18:20	29.47	78.0	5.51	6.6
SR13	9/30/2019 0:25	29.28	75.1	5.23	4.6	SR13	9/30/2019 6:25	29.18	76.4	5.37	6.5	SR13	9/30/2019 12:25	29.47	76.1	5.31	4.8	SR13	9/30/2019 18:25	29.46	78.8	5.50	6.2
SR13	9/30/2019 0:30	29.29	74.7	5.23	4.5	SR13	9/30/2019 6:30	29.19	76.2	5.37	5.3	SR13	9/30/2019 12:30	29.47	76.1	5.35	4.9	SR13	9/30/2019 18:30	29.46	78.2	5.47	5.7
SR13	9/30/2019 0:35	29.28	74.6	5.24	4.5	SR13	9/30/2019 6:35	29.19	75.4	5.32	5.5	SR13	9/30/2019 12:35	29.46	75.6	5.31	4.7	SR13	9/30/2019 18:35	29.47	77.5	5.42	5.7
SR13	9/30/2019 0:40	29.28	75.4	5.27	4.8	SR13	9/30/2019 6:40	29.20	75.4	5.29	6.1	SR13	9/30/2019 12:40	29.44	75.3	5.26	5.5	SR13	9/30/2019 18:40	29.47	77.9	5.47	5.6
SR13	9/30/2019 0:45	29.28	75.9	5.30	5.1	SR13	9/30/2019 6:45	29.20	75.6	5.32	6.1	SR13	9/30/2019 12:45	29.47	75.9	5.31	5.7	SR13	9/30/2019 18:45	29.52	75.9	5.32	5.9
SR13	9/30/2019 0:50	29.27	75.5	5.27	5.1	SR13	9/30/2019 6:50	29.19	74.9	5.27	5.4	SR13	9/30/2019 12:50	29.46	75.5	5.31	5.8	SR13	9/30/2019 18:50	29.46	77.1	5.43	6.1
SR13	9/30/2019 0:55	29.27	74.8	5.22	4.7	SR13	9/30/2019 6:55	29.20	74.7	5.26	5.8	SR13	9/30/2019 12:55	29.45	75.7	5.34	5.5	SR13	9/30/2019 18:55	29.46	77.1	5.40	6.2
SR13	9/30/2019 1:00	29.27	75.4	5.26	4.6	SR13	9/30/2019 7:00	29.20	75.2	5.26	6.5	SR13	9/30/2019 13:00	29.47	75.9	5.33	5.1	SR13	9/30/2019 19:00	29.45	76.5	5.37	5.9
SR13	9/30/2019 1:05	29.28	74.8	5.22	4.7	SR13	9/30/2019 7:05	29.21	74.5	5.21	6.4	SR13	9/30/2019 13:05	29.50	75.7	5.34	5.0	SR13	9/30/2019 19:05	29.44	76.4	5.38	6.3
SR13	9/30/2019 1:10	29.26	74.9	5.22	4.8	SR13	9/30/2019 7:10	29.20	74.7	5.25	6.5	SR13	9/30/2019 13:10	29.48	74.1	5.23	4.9	SR13	9/30/2019 19:10	29.42	76.0	5.32	6.0
SR13	9/30/2019 1:15	29.26	73.4	5.18	4.6	SR13	9/30/2019 7:15	29.21	74.0	5.19	5.9	SR13	9/30/2019 13:15	29.48	74.0	5.18	5.0	SR13	9/30/2019 19:15	29.43	76.2	5.38	5.5
SR13	9/30/2019 1:20	29.25	73.9	5.21	5.4	SR13	9/30/2019 7:20	29.22	74.1	5.19	5.8	SR13	9/30/2019 13:20	29.51	75.7	5.31	5.4	SR13	9/30/2019 19:20	29.43	76.3	5.35	5.2
SR13	9/30/2019 1:25	29.26	74.4	5.26	5.8	SR13	9/30/2019 7:25	29.22	73.8	5.17	5.6	SR13	9/30/2019 13:25	29.49	74.0	5.18	6.0	SR13	9/30/2019 19:25	29.43	74.9	5.25	5.5
SR13	9/30/2019 1:30	29.27	74.3	5.23	4.5	SR13	9/30/2019 7:30	29.23	73.1	5.15	5.7	SR13	9/30/2019 13:30	29.50	74.8	5.27	5.5	SR13	9/30/2019 19:30	29.43	76.7	5.36	6.4
SR13	9/30/2019 1:35	29.27	73.5	5.20	5.3	SR13	9/30/2019 7:35	29.23	73.7	5.16	6.5	SR13	9/30/2019 13:35	29.50	74.5	5.24	5.1	SR13	9/30/2019 19:35	29.44	75.7	5.32	6.6
SR13	9/30/2019 1:40	29.18	74.8	5.25	5.0	SR13	9/30/2019 7:40	29.23	74.0	5.21	7.9	SR13	9/30/2019 13:40	29.50	73.8	5.19	4.7	SR13	9/30/2019 19:40	29.44	74.8	5.26	5.7
SR13	9/30/2019 1:45	29.24	73.3	5.17	4.9	SR13	9/30/2019 7:45	29.24	74.2	5.20	5.7	SR13	9/30/2019 13:45	29.50	73.9	5.18	4.6	SR13	9/30/2019 19:45	29.45	75.7	5.33	7.1
SR13	9/30/2019 1:50	29.27	74.1	5.21	4.9	SR13	9/30/2019 7:50	29.25	74.0	5.19	7.1	SR13	9/30/2019 13:50	29.51	73.9	5.19	5.4	SR13	9/30/2019 19:50	29.47	74.5	5.24	5.9
SR13	9/30/2019 1:55	29.27	73.7	5.21	5.3	SR13	9/30/2019 7:55	29.25	74.1	5.20	6.4	SR13	9/30/2019 13:55	29.54	75.0	5.24	4.5	SR13	9/30/2019 19:55	29.47	73.9	5.18	5.2
SR13	9/30/2019 2:00	29.27	73.2	5.17	4.9	SR13	9/30/2019 8:00	29.25	73.8	5.19	6.2	SR13	9/30/2019 14:00	29.71	75.2	5.51	3.6	SR13	9/30/2019 20:00	29.47	73.2	5.13	6.1
SR13	9/30/2019 2:05	29.27	74.3	5.22	5.0	SR13	9/30/2019 8:05	29.26	74.4	5.22	6.3	SR13	9/30/2019 14:05	29.55	78.3	5.50	4.0	SR13	9/30/2019 20:05	29.46	73.2	5.15	5.3
SR13	9/30/2019 2:10	29.28	73.6	5.19	5.1	SR13	9/30/2019 8:10	29.26	74.7	5.25	6.2	SR13	9/30/2019 14:10	29.55	74.9	5.28	4.1	SR13	9/30/2019 20:10	29.45	73.1	5.16	5.7
SR13	9/30/2019 2:15	29.28	74.4	5.27	5.4	SR13	9/30/2019 8:15	29.26	72.5	5.12	6.5	SR13	9/30/2019 14:15	29.55	75.3	5.30	4.5	SR13	9/30/2019 20:15	29.45	73.2	5.13	6.1
SR13	9/30/2019 2:20	29.28	73.7	5.21	5.0	SR13	9/30/2019 8:20	29.27	72.7	5.09	5.8	SR13	9/30/2019 14:20	29.53	74.7	5.23	4.7	SR13	9/30/2019 20:20	29.44	73.3	5.13	5.8
SR13	9/30/2019 2:25	29.28	73.4	5.18	4.6	SR13	9/30/2019 8:25	29.27	72.9	5.12	7.0	SR13	9/30/2019 14:25	29.52	74.8	5.25	5.1	SR13	9/30/2019 20:25	29.44	73.1	5.16	6.4
SR13	9/30/2019 2:30	29.27	74.1	5.21	4.7	SR13	9/30/2019 8:30	29.27	73.3	5.16	5.7	SR13	9/30/2019 14:30	29.52	73.9	5.21	4.4	SR13	9/30/2019 20:30	29.44	72.5	5.13	5.6
SR13	9/30/2019 2:35	29.26	73.4	5.19	5.1	SR13	9/30/2019 8:35	29.26	73.9	5.18	6.3	SR13	9/30/2019 14:35	29.53	75.4	5.29	5.0	SR13	9/30/2019 20:35	29.45	72.6	5.10	6.0
SR13	9/30/2019 2:40	29.25	74.1	5.22	5.3	SR13	9/30/2019 8:40	29.26	74.5	5.25	5.8	SR13	9/30/2019 14:40	29.53	74.8	5.27	5.4	SR13	9/30/2019 20:40	29.45	72.7	5.11	5.7
SR13	9/30/2019 2:45	29.24	74.2	5.21	5.7	SR13	9/30/2019 8:45	29.27	74.1	5.23	5.8	SR13	9/30/2019 14:45	29.52	75.3	5.26	4.9	SR13	9/30/2019 20:45	29.45	73.0	5.11	6.7
SR13	9/30/2019 2:50	29.22	73.9	5.22	5.5	SR13	9/30/2019 8:50	29.27	74.2	5.20	5.8	SR13	9/30/2019 14:50	29.52	75.9	5.32	5.9	SR13	9/30/2019 20:50	29.45	72.5	5.12	5.9
SR13	9/30/2019 2:55	29.21	74.2	5.25	5.4	SR13	9/30/2019 8:55	29.27	73.7	5.20	6.0	SR13	9/30/2019 14:55	29.52	75.3	5.26	5.5	SR13	9/30/2019 20:55	29.45	72.4	5.10	6.0
SR13	9/30/2019 3:00	29.21	74.5	5.24	5.1	SR13	9/30/2019 9:00	29.27	74.9	5.26	6.2	SR13	9/30/2019 15:00	29.49	74.9	5.26	5.9	SR13	9/30/2019 21:00	29.46	72.6	5.14	6.9
SR13	9/30/2019 3:05	29.21	73.8	5.22	5.5	SR13	9/30/2019 9:05	29.28	74.4	5.24	5.9	SR13	9/30/2019 15:05	29.50	74.5	5.27	5.9	SR13	9/30/2019 21:05	29.46	72.5	5.09	4.7
SR13	9/30/2019 3:10	29.21	75.7	5.32	5.9	SR13	9/30/2019 9:10	29.27	74.0	5.20	5.3	SR13	9/30/2019 15:10	29.57	77.1	5.38	5.5	SR13	9/30/2019 21:10	29.45	72.9	5.12	5.4
SR13	9/30/2019 3:15	29.20	74.3	5.23	5.2	SR13	9/30/2019 9:15	29.29	73.9	5.21	5.9	SR13	9/30/2019 15:15	29.54	75.4	5.33	5.6	SR13	9/30/2019 21:15	29.45	72.6	5.10	5.1
SR13	9/30/2019 3:20	29.20	73.3	5.17	5.3	SR13	9/30/2019 9:20	29.30	73.8	5.19	5.4	SR13	9/30/2019 15:20	29.53	74.9	5.29	6.1	SR13	9/30/2019 21:20	29.45	71.6	5.04	6.0
SR13	9/30/2019 3:25	29.19	73.4	5.18	5.7	SR13	9/30/2019 9:25	29.28	73.1	5.12	6.3	SR13	9/30/2019 15:25	29.56	76.7	5.38	12.1	SR13	9/30/2019 21:25	29.45	71.1	5.01	5.4
SR13	9/30/2019 3:30	29.19	73.8	5.18	5.5	SR13	9/30/2019 9:30	29.29	73.2	5.16	5.9	SR13	9/30/2019 15:30	29.51	74.4	5.24	6.3	SR13	9/30/2019 21:30	29.45	70.9	5.03	5.1
SR13	9/30/2019 3:35	29.18	74.4	5.25	5.9	SR13	9/30/2019 9:35	29.27	72.2	5.10	5.4	SR13	9/30/2019 15:35	29.48	76.4	5.36	6.2	SR13	9/30/2019 21:35	29.43	70.8	5.02	5.5
SR13	9/30/2019 3:40	29.19	74.6	5.28	5.8	SR13	9/30/2019 9:40	29.28	72.0	5.07	7.3	SR13	9/30/2019 15:40	29.49	76.1	5.32	6.3	SR13	9/30/2019 21:40	29.42	71.2	5.02	5.5
SR13	9/30/2019 3:45	29.19	74.1	5.25	6.0	SR13	9/30/2019 9:45	29.31	72.4	5.09	6.2	SR13						SR13	9/30/2019 21:45	29.41	72.9	5.14	5.2
SR13	9/30/2019 3:50	29.19	75.8	5.34	5.9	SR13	9/30/2019 9:50	29.30	72.9	5.15	5.6	SR13						SR13	9/30/2019 21:50	29.41	71.1	5.00	4.8
SR13	9/30/2019 3:55	29.18	76.5	5.39	6.4	SR13	9/30/2019 9:55	29.30	72.9	5.13	5.7	SR13						SR13	9/30/2019 21:55	29.42	71.9	5.07	5.0
SR13	9/30/2019 4:00	29.19	76.6	5.37	6.2	SR13	9/30/2019 10:00	29.28	72.1	5.09	5.4	SR13	9/30/2019 16:00	29.53	76.7	5.40	6.6	SR13	9/30/2019 22:00	29.39	71.5	5.04	5.5
SR13	9/30/2019 4:05	29.18	76.6	5.38	5.8	SR13	9/30/2019 10:05	29.31	73.7	5.16	5.8	SR13	9/30/2019 16:05	29.54	77.2	5.44	5.9	SR13	9/30/2019 22:05	29.41	72.2	5.07	4.8
SR13	9/30/2019 4:10	29.17	76.1	5.36	5.4	SR13	9/30/2019 10:10	29.29	73.0	5.14	5.5	SR13	9/30/2019 16:10	29.55	77.4	5.45	6.3	SR13	9/30/2019 22:10	29.42	71.9	5.06	5.7
SR13	9/30/2019 4:15	29.17	76.6	5.38	5.3	SR13	9/30/2019 10:15	29.32	73.0	5.16	5.4	SR13	9/30/2019 16:15	29.52	77.2	5.43	6.0	SR13	9/30/2019 22:15	29.42	70.2	4.96	4.8
SR13	9/30/2019 4:20	29.17	76.7	5.39	5.6	SR13	9/30/2019 10:20	29.34	73.5	5.16	5.2	SR13	9/30/2019 16:20	29.52	77.8	5.48	6.6	SR13	9/30/2019 22:20	29.42	70.5	4.98	5.1
SR13	9/30/2019 4:25	29.16	77.5	5.43	6.4	SR13	9/30/2019 10:25	29.34	72.7	5.13	6.8	SR13	9/30/2019 16:25	29.59	78.8	5.50	6.8	SR13	9/30/2019 22:25	29.41	70.8	4.98	5.2
SR13	9/30/2019 4:30	29.15	76.5	5.37	5.7	SR13	9/30/2019 10:30	29.35	72.9	5.14	6.1	SR13	9/30/2019 16:30	29.56	78.5	5.52	6.0	SR13	9/30/2019 22:30	29.41	70.4	4.98	5.7
SR13	9/30/2019 4:35	29.17	75.7	5.34	5.7	SR13	9/30/2019 10:35	29.37	73.7	5.16	5.6	SR13	9/30/2019 16:35	29.52	78.7	5.53	5.5	SR13	9/30/2019 22:35	29.40	70.8	5.00	5.0
SR13	9/30/2019 4:40	29.16	77.3	5.42	5.6	SR13	9/30/2019 10:40	29.35	73.8	5.16	5.8	SR13	9/30/2019 16:40	29.52	78.7	5.49	5.7	SR13	9/30/2019 22:40	29.39	70.4	4.95	5.0
SR13	9/30/2019 4:45	29.15	77.3	5.42	4.8	SR13	9/30/2019 10:45	29.36	73.7	5.20	6.1	SR13	9/30/2019 16:45	29.49	77.6	5.46	5.7	SR13	9/30/2019 22:45	29.40	71.0	4.99	5.5
SR13	9/30/2019 4:50	29.14	77.2	5.41	5.1	SR13	9/30/2019 10:50	29.37	73.3	5.15	5.3	SR13	9/30/2019 16:50	29.51	78.2	5.48	6.1	SR13	9/30/2019 22:50	29.40	71.6	5.04	5.5
SR13	9/30/2019 4:55	29.12	76.1	5.38	4.5	SR13	9/30/2019 10:55	29.33	72.5	5.13	5.5	SR13	9/30/2019 16:55	29.50	78.5	5.51	6.6	SR13	9/30/2019 22:55	29.41	71.3	5.02	5.9
SR13	9/30/2019 5:00	29.12	75.7	5.33	4.6	SR13	9/30/2019 11:00	29.40	73.6	5.18	5.0	SR13	9/30/2019 17:00	29.50	78.4	5.53	5.9	SR13	9/30/2019 23:00	29.41	70.3	4.96	6.4
SR13	9/30/2019 5:05	29.13	76.9	5.40	4.9	SR13	9/30/2019 11:05	29.40	74.4	5.25	5.5	SR13	9/30/2019 17:05	29.50	79.0	5.54	5.8	SR13	9/30/2019 23:05	29.40	70.9	5.00	6.6
SR13	9/30/2019 5:10	29.13	76.0	5.35	5.5	SR13	9/30/2019 11:10	29.45	76.0	5.31	5.0	SR13	9/30/2019 17:10	29.51	79.1	5.58	5.4	SR13	9/30/2019 23:10	29.40	71.5	5.03	5.3
SR13	9/30/2019 5:15	29.12	77.2	5.41	5.3	SR13	9/30/2019 11:15	29.48	75.5	5.30	5.2	SR13	9/30/2019 17:15	29.51	78.4	5.47	6.6	SR13	9/30/2019 23:15	29.40	71.8	5.04	5.4
SR13	9/30/2019 5:20	29.13	76.3	5.37	5.4	SR13	9/30/2019 11:20	29.52	76.1	5.32	4.3	SR13	9/30/2019 17:20	29.50	78.6	5.52	5.7	SR13	9/30/2019 23:20	29.40	72.8	5.11	5.4
SR13	9/30/2019 5:25	29.11	75.4	5.31	5.3	SR13	9/30/2019 11:25	29.48	75.3	5.27	5.3	SR13	9/30/2019 17:25	29.49	78.0	5.49	5.9	SR13	9/30/2019 23:25	29.39	73.7	5.18	5.5
SR13	9/30/2019 5:30	29.11	75.9	5.33	5.7	SR13	9/30/2019 11:30	29.49	76.0	5.33	5.1	SR13	9/30/2019 17:30	29.48	79.3	5.56	6.2	SR13	9/30/2019 23:30	29.37	72.7	5.11	5.0
SR13	9/30/2019 5:35	29.11	76.3	5.37	6.0	SR13	9/30/2019 11:35	29.46	75.4	5.30	5.7	SR13	9/30/2019 17:35	29.49	78.5	5.53	6.0	SR13	9/30/2019 23:35	29.37	72.6	5.13	4.8
SR13	9/30/2019 5:40	29.11	76.2	5.36	5.8	SR13	9/30/2019 11:40	29.44	74.7	5.25	5.2	SR13	9/30/2019 17:40	29.49	78.9	5.57	5.6	SR13	9/30/2019 23:40	29.38	72.4	5.09	4.8
SR13	9/30/2019 5:45	29.13	74.9	5.30	5.6	SR13	9/30/2019 11:45	29.44	75.5	5.33	5.2	SR13	9/30/2019 17:45	29.48	79.4	5.56	5.7	SR13	9/30/2019 23:45	29.38	72.5	5.10	4.8
SR13	9/30/2019 5:50	29.14	76.5	5.37	6.1	SR13	9/30/2019 11:50	29.47	75.3	5.30	5.0	SR13	9/30/2019 17:50	29.49	78.3	5.50	5.6	SR13	9/30/2019 23:50	29.37	72.8	5.10	4.7
SR13	9/30/2019 5:55	29.14	76.6	5.38	5.9	SR13	9/30/2019 11:55	29.46	76.0	5.34	4.7	SR13	9/30/2019 17:55	29.49	78.2	5.47	5.4	SR13	9/30/2019 23:55	29.38	73.7	5.16	4.6

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	9/30/2019 0:17	0.20				SR12	9/30/2019 0:17	0.20			
SR4	9/30/2019 0:37	0.19				SR12	9/30/2019 0:37	0.20			
SR4	9/30/2019 0:57	0.22				SR12	9/30/2019 0:57	0.21			
SR4	9/30/2019 1:17	0.19				SR12	9/30/2019 1:17	0.20			
SR4	9/30/2019 1:37	0.20				SR12	9/30/2019 1:37	0.20			
SR4	9/30/2019 1:57	0.19				SR12	9/30/2019 1:57	0.20			
SR4	9/30/2019 2:17	0.20				SR12	9/30/2019 2:17	0.20			
SR4	9/30/2019 2:37	0.22				SR12	9/30/2019 2:37	0.19			
SR4	9/30/2019 2:57	0.23				SR12	9/30/2019 2:57	0.20			
SR4	9/30/2019 3:17	0.21				SR12	9/30/2019 3:17	0.18			
SR4	9/30/2019 3:37	0.24				SR12	9/30/2019 3:37	0.19			
SR4	9/30/2019 3:57	0.24				SR12	9/30/2019 3:57	0.20			
SR4	9/30/2019 4:17	0.24				SR12	9/30/2019 4:17	0.19			
SR4	9/30/2019 4:37	0.22				SR12	9/30/2019 4:37	0.18			
SR4	9/30/2019 4:57	0.24				SR12	9/30/2019 4:57	0.19			
SR4	9/30/2019 5:17	0.22				SR12	9/30/2019 5:17	0.18			
SR4	9/30/2019 5:37	0.23				SR12	9/30/2019 5:37	0.20			
SR4	9/30/2019 5:57	0.23				SR12	9/30/2019 5:57	0.20			
SR4						SR12					
SR4	9/30/2019 6:37	0.23				SR12	9/30/2019 6:37	0.19			
SR4	9/30/2019 6:57	0.21				SR12	9/30/2019 6:57	0.20			
SR4	9/30/2019 7:17	0.24				SR12	9/30/2019 7:17	0.19			
SR4	9/30/2019 7:37	0.23				SR12	9/30/2019 7:37	0.20			
SR4	9/30/2019 7:57	0.24				SR12	9/30/2019 7:57	0.19			
SR4	9/30/2019 8:17	0.21				SR12	9/30/2019 8:17	0.18			
SR4	9/30/2019 8:37	0.23				SR12	9/30/2019 8:37	0.18			
SR4	9/30/2019 8:57	0.21				SR12	9/30/2019 8:57	0.20			
SR4	9/30/2019 9:17	0.21				SR12	9/30/2019 9:17	0.20			
SR4	9/30/2019 9:37	0.23				SR12	9/30/2019 9:37	0.19			
SR4	9/30/2019 9:57	0.24				SR12					
SR4	9/30/2019 10:17	0.22				SR12					
SR4	9/30/2019 10:37	0.21				SR12					
SR4	9/30/2019 10:57	0.23				SR12					
SR4	9/30/2019 11:17	0.23				SR12					
SR4	9/30/2019 11:37	0.24				SR12					
SR4	9/30/2019 11:57	0.21				SR12	9/30/2019 11:57	0.19			
SR4						SR12	9/30/2019 12:17	0.18			
SR4						SR12	9/30/2019 12:37	0.17			
SR4						SR12	9/30/2019 12:57	0.17			
SR4						SR12	9/30/2019 13:17	0.19			
SR4						SR12	9/30/2019 13:37	0.17			
SR4	9/30/2019 13:57	0.25				SR12	9/30/2019 13:57	0.17			
SR4	9/30/2019 14:17	0.25				SR12	9/30/2019 14:17	0.18			
SR4	9/30/2019 14:37	0.25				SR12	9/30/2019 14:37	0.18			
SR4	9/30/2019 14:57	0.25				SR12	9/30/2019 14:57	0.19			
SR4	9/30/2019 15:17	0.24				SR12	9/30/2019 15:17	0.19			
SR4	9/30/2019 15:37	0.23				SR12	9/30/2019 15:37	0.17			
SR4	9/30/2019 15:57	0.23				SR12	9/30/2019 15:57	0.17			
SR4	9/30/2019 16:17	0.23				SR12	9/30/2019 16:17	0.16			
SR4	9/30/2019 16:37	0.26				SR12	9/30/2019 16:37	0.15			
SR4	9/30/2019 16:57	0.26				SR12	9/30/2019 16:57	0.15			
SR4	9/30/2019 17:17	0.24				SR12	9/30/2019 17:17	0.16			
SR4	9/30/2019 17:37	0.23				SR12	9/30/2019 17:37	0.16			
SR4	9/30/2019 17:57	0.24				SR12	9/30/2019 17:57	0.17			
SR4	9/30/2019 18:17	0.25				SR12	9/30/2019 18:17	0.16			
SR4	9/30/2019 18:37	0.24				SR12	9/30/2019 18:37	0.16			
SR4	9/30/2019 18:57	0.24				SR12	9/30/2019 18:57	0.17			
SR4	9/30/2019 19:17	0.25				SR12	9/30/2019 19:17	0.17			
SR4	9/30/2019 19:37	0.23				SR12	9/30/2019 19:37	0.15			
SR4	9/30/2019 19:57	0.23				SR12	9/30/2019 19:57	0.15			
SR4	9/30/2019 20:17	0.26				SR12	9/30/2019 20:17	0.16			
SR4	9/30/2019 20:37	0.27				SR12	9/30/2019 20:37	0.17			
SR4	9/30/2019 20:57	0.27				SR12	9/30/2019 20:57	0.17			
SR4	9/30/2019 21:17	0.27				SR12	9/30/2019 21:17	0.16			
SR4	9/30/2019 21:37	0.27				SR12	9/30/2019 21:37	0.15			
SR4	9/30/2019 21:57	0.26				SR12	9/30/2019 21:57	0.17			
SR4	9/30/2019 22:17	0.26				SR12	9/30/2019 22:17	0.15			
SR4	9/30/2019 22:37	0.26				SR12	9/30/2019 22:37	0.17			
SR4	9/30/2019 22:57	0.27				SR12	9/30/2019 22:57	0.15			
SR4	9/30/2019 23:17	0.25				SR12	9/30/2019 23:17	0.15			
SR4	9/30/2019 23:37	0.28				SR12	9/30/2019 23:37	0.16			
SR4	9/30/2019 23:57	0.27				SR12	9/30/2019 23:57	0.17			

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 9:56-11:26.

SR13 monitoring station was under maintenance during 15:40-16:00.

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	10/1/2019 0:01	29.18	73.7	4.84	2.9	SR4	10/1/2019 6:01	29.09	79.3	5.18	5.1	SR4	10/1/2019 12:01	29.23	77.6	5.10	5.1	SR4	10/1/2019 18:01	29.40	79.7	5.26	4.7
SR4	10/1/2019 0:06	29.18	73.8	4.91	4.0	SR4	10/1/2019 6:06	29.09	78.2	5.25	5.2	SR4	10/1/2019 12:06	29.21	73.4	4.93	5.2	SR4	10/1/2019 18:06	29.39	80.0	5.28	5.3
SR4	10/1/2019 0:11	29.18	74.2	4.90	**12.4**	SR4	10/1/2019 6:11	29.06	79.2	5.27	4.1	SR4	10/1/2019 12:11	29.23	76.9	5.06	5.2	SR4	10/1/2019 18:11	29.39	79.5	5.19	6.4
SR4	10/1/2019 0:16	29.18	75.6	5.03	3.9	SR4	10/1/2019 6:16	29.07	79.2	5.18	4.8	SR4	10/1/2019 12:16	29.29	77.3	5.12	4.4	SR4	10/1/2019 18:16	29.38	79.6	5.20	6.7
SR4	10/1/2019 0:21	29.18	76.3	5.07	3.8	SR4	10/1/2019 6:21	29.08	76.6	5.04	4.3	SR4	10/1/2019 12:21	29.38	78.3	5.16	3.4	SR4	10/1/2019 18:21	29.37	79.7	5.26	5.1
SR4	10/1/2019 0:26	29.18	74.9	4.94	3.8	SR4	10/1/2019 6:26	29.07	77.9	5.13	4.1	SR4	10/1/2019 12:26	29.43	77.1	5.05	3.2	SR4	10/1/2019 18:26	29.37	79.5	5.24	5.0
SR4	10/1/2019 0:31	29.18	73.7	4.82	3.0	SR4	10/1/2019 6:31	29.04	80.8	5.29	4.7	SR4	10/1/2019 12:31	29.39	75.7	5.03	3.7	SR4	10/1/2019 18:31	29.37	79.4	5.19	4.7
SR4	10/1/2019 0:36	29.18	75.6	4.96	3.6	SR4	10/1/2019 6:36	29.08	76.8	5.10	4.9	SR4	10/1/2019 12:36	29.34	76.0	5.02	3.5	SR4	10/1/2019 18:36	29.33	77.0	5.10	4.9
SR4	10/1/2019 0:41	29.18	75.2	4.98	4.1	SR4	10/1/2019 6:41	29.09	77.2	5.12	6.0	SR4	10/1/2019 12:41	29.42	75.2	5.02	2.9	SR4	10/1/2019 18:41	29.36	79.2	5.24	4.4
SR4	10/1/2019 0:46	29.17	75.7	4.95	4.0	SR4	10/1/2019 6:46	29.09	75.9	5.02	5.0	SR4	10/1/2019 12:46	29.45	75.7	5.03	3.0	SR4	10/1/2019 18:46	29.39	79.8	5.27	5.0
SR4	10/1/2019 0:51	29.17	73.7	4.86	4.3	SR4	10/1/2019 6:51	29.09	77.2	5.04	4.5	SR4	10/1/2019 12:51	29.45	77.1	5.06	3.3	SR4	10/1/2019 18:51	29.36	79.8	5.36	4.9
SR4	10/1/2019 0:56	29.20	74.2	4.92	4.0	SR4	10/1/2019 6:56	29.08	82.7	5.40	4.7	SR4	10/1/2019 12:56	29.38	77.0	5.15	4.5	SR4	10/1/2019 18:56	29.35	77.7	5.17	4.8
SR4	10/1/2019 1:01	29.20	73.3	4.85	3.8	SR4	10/1/2019 7:01	29.07	83.7	5.49	3.8	SR4	10/1/2019 13:01	29.51	79.3	5.18	3.0	SR4	10/1/2019 19:01	29.39	77.2	5.07	5.2
SR4	10/1/2019 1:06	29.19	71.1	4.65	3.3	SR4	10/1/2019 7:06	29.08	81.0	5.39	4.8	SR4	10/1/2019 13:06	29.42	78.9	5.27	4.4	SR4	10/1/2019 19:06	29.31	69.3	4.59	4.0
SR4	10/1/2019 1:11	29.17	73.7	4.82	3.1	SR4	10/1/2019 7:11	29.08	83.3	5.47	4.3	SR4	10/1/2019 13:11	29.45	78.4	5.17	2.5	SR4	10/1/2019 19:11	29.25	75.4	4.98	7.7
SR4	10/1/2019 1:16	29.18	71.4	4.76	3.5	SR4	10/1/2019 7:16	29.11	79.1	5.30	**12.3**	SR4	10/1/2019 13:16	29.41	79.2	5.18	3.0	SR4	10/1/2019 19:16	29.38	74.6	4.90	4.5
SR4	10/1/2019 1:21	29.14	74.0	4.97	4.7	SR4	10/1/2019 7:21	29.10	79.1	5.29	5.2	SR4	10/1/2019 13:21	29.46	78.6	5.27	3.5	SR4	10/1/2019 19:21	29.36	76.6	5.05	5.0
SR4	10/1/2019 1:26	29.13	79.2	5.17	4.6	SR4	10/1/2019 7:26	29.11	79.9	5.25	7.1	SR4	10/1/2019 13:26	29.44	79.6	5.23	3.2	SR4	10/1/2019 19:26	29.36	74.2	4.98	5.7
SR4	10/1/2019 1:31	29.13	76.3	5.12	5.1	SR4	10/1/2019 7:31	29.11	80.8	5.30	7.0	SR4	10/1/2019 13:31	29.45	80.3	5.34	4.6	SR4	10/1/2019 19:31	29.36	77.9	5.09	6.5
SR4	10/1/2019 1:36	29.13	74.4	4.96	3.5	SR4	10/1/2019 7:36	29.11	78.3	5.25	5.4	SR4	10/1/2019 13:36	29.47	80.6	5.27	3.4	SR4	10/1/2019 19:36	29.35	75.5	5.02	4.9
SR4	10/1/2019 1:41	29.12	75.0	4.95	3.6	SR4	10/1/2019 7:41	29.11	81.7	5.35	7.2	SR4	10/1/2019 13:41	29.49	76.3	5.07	2.1	SR4	10/1/2019 19:41	29.35	77.2	5.05	6.6
SR4	10/1/2019 1:46	29.12	75.6	5.05	3.8	SR4	10/1/2019 7:46	29.11	80.2	5.24	6.6	SR4	10/1/2019 13:46	29.49	78.5	5.25	3.2	SR4	10/1/2019 19:46	29.33	81.2	5.40	6.1
SR4	10/1/2019 1:51	29.12	77.1	5.07	3.6	SR4	10/1/2019 7:51	29.11	78.7	5.18	6.7	SR4	10/1/2019 13:51	29.61	82.6	5.41	3.3	SR4	10/1/2019 19:51	29.32	80.3	5.32	4.2
SR4	10/1/2019 1:56	29.10	74.5	4.95	3.3	SR4	10/1/2019 7:56	29.11	81.9	5.35	8.2	SR4	10/1/2019 13:56	29.61	80.1	5.34	3.2	SR4	10/1/2019 19:56	29.32	80.8	5.29	4.4
SR4	10/1/2019 2:01	29.11	77.3	5.09	3.9	SR4	10/1/2019 8:01	29.11	81.0	5.42	**10.0**	SR4	10/1/2019 14:01	29.63	82.0	5.35	2.6	SR4	10/1/2019 20:01	29.32	79.9	5.23	5.2
SR4	10/1/2019 2:06	29.10	75.1	5.05	3.9	SR4	10/1/2019 8:06	29.12	80.4	5.27	6.8	SR4	10/1/2019 14:06	29.59	80.2	5.29	2.5	SR4	10/1/2019 20:06	29.32	77.2	5.16	6.2
SR4	10/1/2019 2:11	29.12	72.9	4.85	2.3	SR4	10/1/2019 8:11	29.12	77.7	5.17	6.8	SR4	10/1/2019 14:11	29.61	81.4	5.35	2.4	SR4	10/1/2019 20:11	29.33	77.7	5.20	6.3
SR4	10/1/2019 2:16	29.11	74.5	4.95	3.3	SR4	10/1/2019 8:16	29.12	79.7	5.23	7.5	SR4	10/1/2019 14:16	29.62	78.8	5.26	2.5	SR4	10/1/2019 20:16	29.33	76.6	5.14	5.4
SR4	10/1/2019 2:21	29.10	71.0	4.77	2.8	SR4	10/1/2019 8:21	29.13	78.1	5.20	6.6	SR4	10/1/2019 14:21	29.67	83.8	5.51	4.0	SR4	10/1/2019 20:21	29.32	76.9	5.06	5.7
SR4	10/1/2019 2:26	29.12	69.8	4.69	3.7	SR4	10/1/2019 8:26	29.11	78.3	5.24	6.9	SR4	10/1/2019 14:26	29.67	83.2	5.48	2.3	SR4	10/1/2019 20:26	29.31	76.7	5.15	5.2
SR4	10/1/2019 2:31	29.14	70.3	4.59	3.1	SR4	10/1/2019 8:31	29.12	79.9	5.27	6.0	SR4	10/1/2019 14:31	29.65	80.5	5.40	2.8	SR4	10/1/2019 20:31	29.33	78.5	5.19	4.2
SR4	10/1/2019 2:36	29.14	65.6	4.38	2.8	SR4	10/1/2019 8:36	29.14	78.4	5.26	4.4	SR4	10/1/2019 14:36	29.70	81.0	5.42	1.9	SR4	10/1/2019 20:36	29.31	76.1	5.04	3.8
SR4	10/1/2019 2:41	29.14	69.8	4.59	3.7	SR4	10/1/2019 8:41	29.13	78.6	5.20	6.9	SR4	10/1/2019 14:41	29.65	80.8	5.35	2.3	SR4	10/1/2019 20:41	29.32	73.8	4.93	4.8
SR4	10/1/2019 2:46	29.12	66.6	4.46	3.6	SR4	10/1/2019 8:46	29.13	78.8	5.28	6.3	SR4	10/1/2019 14:46	29.64	81.2	5.37	6.2	SR4	10/1/2019 20:46	29.32	80.5	5.26	6.0
SR4	10/1/2019 2:51	29.12	66.5	4.43	2.5	SR4	10/1/2019 8:51	29.15	79.4	5.19	5.6	SR4	10/1/2019 14:51	29.64	80.4	5.29	2.3	SR4	10/1/2019 20:51	29.32	80.0	5.35	6.7
SR4	10/1/2019 2:56	29.13	69.6	4.64	3.8	SR4	10/1/2019 8:56	29.14	78.9	5.23	5.5	SR4	10/1/2019 14:56	29.69	82.6	5.54	3.1	SR4	10/1/2019 20:56	29.32	79.8	5.26	7.6
SR4	10/1/2019 3:01	29.13	69.6	4.57	3.3	SR4	10/1/2019 9:01	29.15	78.1	5.24	7.1	SR4	10/1/2019 15:01	29.70	83.6	5.61	2.3	SR4	10/1/2019 21:01	29.32	77.5	5.14	5.5
SR4	10/1/2019 3:06	29.12	70.7	4.74	4.6	SR4	10/1/2019 9:06	29.14	78.9	5.20	5.9	SR4	10/1/2019 15:06	29.67	83.3	5.46	2.3	SR4	10/1/2019 21:06	29.32	78.4	5.20	8.5
SR4	10/1/2019 3:11	29.10	65.7	4.36	2.8	SR4	10/1/2019 9:11	29.16	76.8	5.14	6.4	SR4	10/1/2019 15:11	29.67	82.0	5.46	2.6	SR4	10/1/2019 21:11	29.32	79.2	5.21	7.1
SR4	10/1/2019 3:16	29.12	64.0	4.18	2.7	SR4	10/1/2019 9:16	29.19	80.9	5.32	**10.5**	SR4	10/1/2019 15:16	29.65	82.5	5.42	2.5	SR4	10/1/2019 21:16	29.32	75.5	5.05	6.5
SR4	10/1/2019 3:21	29.10	63.2	4.19	1.8	SR4	10/1/2019 9:21	29.16	77.6	5.12	5.1	SR4	10/1/2019 15:21	29.66	83.3	5.56	2.5	SR4	10/1/2019 21:21	29.32	77.0	5.09	6.5
SR4	10/1/2019 3:26	29.13	65.8	4.33	2.7	SR4	10/1/2019 9:26	29.14	75.3	4.94	6.7	SR4	10/1/2019 15:26	29.68	84.4	5.58	2.1	SR4	10/1/2019 21:26	29.32	77.4	5.15	6.2
SR4	10/1/2019 3:31	29.15	66.4	4.41	3.0	SR4	10/1/2019 9:31	29.17	80.8	5.30	8.0	SR4	10/1/2019 15:31	29.65	79.7	5.25	1.7	SR4	10/1/2019 21:31	29.32	73.9	4.95	5.7
SR4	10/1/2019 3:36	29.15	65.6	4.37	3.6	SR4	10/1/2019 9:36	29.16	76.7	5.12	6.4	SR4	10/1/2019 15:36	29.66	80.0	5.34	1.9	SR4	10/1/2019 21:36	29.32	76.4	5.03	6.8
SR4	10/1/2019 3:41	29.15	66.6	4.40	3.0	SR4	10/1/2019 9:41	29.15	75.7	5.05	7.7	SR4	10/1/2019 15:41	29.69	79.3	5.32	1.4	SR4	10/1/2019 21:41	29.31	74.8	4.99	6.1
SR4	10/1/2019 3:46	29.16	69.3	4.64	5.6	SR4	10/1/2019 9:46	29.17	76.8	5.08	7.9	SR4	10/1/2019 15:46	29.79	83.4	5.50	1.7	SR4	10/1/2019 21:46	29.31	74.3	4.95	6.6
SR4	10/1/2019 3:51	29.16	70.5	4.71	6.0	SR4	10/1/2019 9:51	29.16	76.3	5.04	8.7	SR4	10/1/2019 15:51	29.72	81.3	5.35	1.7	SR4	10/1/2019 21:51	29.31	74.4	4.96	5.3
SR4	10/1/2019 3:56	29.16	69.2	4.59	3.5	SR4	10/1/2019 9:56	29.16	76.6	5.08	7.8	SR4	10/1/2019 15:56	29.66	77.7	5.20	0.9	SR4	10/1/2019 21:56	29.31	72.7	4.85	4.4
SR4	10/1/2019 4:01	29.16	69.1	4.63	4.8	SR4	10/1/2019 10:01	29.18	77.4	5.09	7.1	SR4	10/1/2019 16:01	29.68	78.0	5.17	1.1	SR4	10/1/2019 22:01	29.31	70.7	4.74	4.2
SR4	10/1/2019 4:06	29.17	69.2	4.60	3.3	SR4	10/1/2019 10:06	29.17	75.6	5.01	6.0	SR4	10/1/2019 16:06	29.69	80.0	5.29	1.2	SR4	10/1/2019 22:06	29.31	70.1	4.66	3.4
SR4	10/1/2019 4:11	29.17	68.3	4.51	3.1	SR4	10/1/2019 10:11	29.19	76.4	5.03	5.2	SR4	10/1/2019 16:11	29.67	79.7	5.23	1.2	SR4	10/1/2019 22:11	29.32	72.4	4.83	6.0
SR4	10/1/2019 4:16	29.16	68.7	4.58	5.8	SR4	10/1/2019 10:16	29.23	79.5	5.27	4.9	SR4	10/1/2019 16:16	29.72	83.1	5.46	3.9	SR4	10/1/2019 22:16	29.31	73.8	4.95	5.3
SR4	10/1/2019 4:21	29.16	70.8	4.62	4.3	SR4	10/1/2019 10:21	29.23	76.1	5.09	4.5	SR4	10/1/2019 16:21	29.63	76.6	5.02	1.5	SR4	10/1/2019 22:21	29.31	75.1	4.91	6.2
SR4	10/1/2019 4:26	29.15	71.5	4.71	9.2	SR4	10/1/2019 10:26	29.22	75.4	5.05	4.7	SR4	10/1/2019 16:26	29.63	78.6	5.26	2.8	SR4	10/1/2019 22:26	29.31	71.9	4.81	5.5
SR4	10/1/2019 4:31	29.16	70.7	4.69	**22.7**	SR4	10/1/2019 10:31	29.22	79.5	5.24	7.5	SR4	10/1/2019 16:31	29.61	77.7	5.13	2.6	SR4	10/1/2019 22:31	29.31	70.8	4.74	5.6
SR4	10/1/2019 4:36	29.15	73.4	4.91	**11.1**	SR4	10/1/2019 10:36	29.21	77.7	5.16	4.5	SR4	10/1/2019 16:36	29.62	80.5	5.34	2.9	SR4	10/1/2019 22:36	29.30	73.5	4.83	5.0
SR4	10/1/2019 4:41	29.16	73.8	4.92	6.0	SR4	10/1/2019 10:41	29.19	76.0	5.03	4.8	SR4	10/1/2019 16:41	29.63	83.2	5.45	1.6	SR4	10/1/2019 22:41	29.30	71.8	4.74	5.0
SR4	10/1/2019 4:46	29.16	72.9	4.86	6.0	SR4	10/1/2019 10:46	29.19	75.4	5.01	6.6	SR4	10/1/2019 16:46	29.52	75.2	4.99	5.3	SR4	10/1/2019 22:46	29.30	73.7	4.82	4.3
SR4	10/1/2019 4:51	29.14	73.8	4.93	4.5	SR4	10/1/2019 10:51	29.18	74.4	4.97	6.3	SR4	10/1/2019 16:51	29.48	75.7	4.94	5.2	SR4	10/1/2019 22:51	29.28	75.1	4.91	8.6
SR4	10/1/2019 4:56	29.14	74.6	4.95	4.2	SR4	10/1/2019 10:56	29.18	74.4	4.87	**10.7**	SR4	10/1/2019 16:56	29.48	74.5	4.96	5.2	SR4	10/1/2019 22:56	29.29	72.9	4.87	4.8
SR4	10/1/2019 5:01	29.10	74.4	4.94	4.2	SR4	10/1/2019 11:01	29.18	73.7	4.88	8.3	SR4	10/1/2019 17:01	29.47	75.4	4.94	4.7	SR4	10/1/2019 23:01	29.29	69.9	4.68	3.0
SR4	10/1/2019 5:06	29.13	73.3	4.91	5.6	SR4	10/1/2019 11:06	29.18	73.6	4.90	7.8	SR4	10/1/2019 17:06	29.46	75.7	4.95	3.7	SR4	10/1/2019 23:06	29.29	71.9	4.79	5.3
SR4	10/1/2019 5:11	29.11	76.5	5.06	7.0	SR4	10/1/2019 11:11	29.22	77.2	5.06	6.7	SR4	10/1/2019 17:11	29.45	79.3	5.19	6.2	SR4	10/1/2019 23:11	29.29	71.3	4.72	4.0
SR4	10/1/2019 5:16	29.13	74.9	4.92	4.9	SR4	10/1/2019 11:16	29.27	76.9	5.10	6.4	SR4	10/1/2019 17:16	29.43	78.4	5.14	5.2	SR4	10/1/2019 23:16	29.29	70.3	4.71	5.5
SR4	10/1/2019 5:21	29.13	74.0	4.88	4.3	SR4	10/1/2019 11:21	29.27	73.5	4.92	5.4	SR4	10/1/2019 17:21	29.41	79.4	5.28	8.9	SR4	10/1/2019 23:21	29.29	71.7	4.79	5.3
SR4	10/1/2019 5:26	29.11	72.4	4.85	3.9	SR4	10/1/2019 11:26	29.27	76.0	4.99	5.1	SR4	10/1/2019 17:26	29.41	77.0	5.17	7.4	SR4	10/1/2019 23:26	29.29	73.7	4.84	5.0
SR4	10/1/2019 5:31	29.09	78.5	5.14	8.8	SR4	10/1/2019 11:31	29.26	74.4	4.97	5.4	SR4	10/1/2019 17:31	29.40	78.5	5.24	7.5	SR4	10/1/2019 23:31	29.29	72.8	4.79	4.7
SR4	10/1/2019 5:36	29.10	78.4	5.18	5.6	SR4	10/1/2019 11:36	29.25	76.1	5.07	5.0	SR4	10/1/2019 17:36	29.39	78.0	5.21	5.3	SR4	10/1/2019 23:36	29.29	69.6	4.60	4.4
SR4	10/1/2019 5:41	29.09	76.5	5.08	4.9	SR4	10/1/2019 11:41	29.24	78.4	5.14	4.3	SR4	10/1/2019 17:41	29.39	77.7	5.21	5.6	SR4	10/1/2019 23:41	29.29	71.8	4.71	5.3
SR4	10/1/2019 5:46	29.08	77.6	5.15	5.0	SR4	10/1/2019 11:46	29.23	78.2	5.12	4.7	SR4	10/1/2019 17:46	29.40	79.3	5.26	5.7	SR4	10/1/2019 23:46	29.28	69.5	4.58	3.5
SR4	10/1/2019 5:51	29.09	77.4	5.19	5.7	SR4	10/1/2019 11:51	29.21	77.2	5.04	7.0	SR4	10/1/2019 17:51	29.40	78.9	5.24	5.2	SR4	10/1/2019 23:51	29.28	68.7	4.57	3.4
SR4	10/1/2019 5:56	29.09	76.7	5.12	9.0	SR4	10/1/2019 11:56	29.23	76.1	5.09	5.1	SR4	10/1/2019 17:56	29.40	79.7	5.28	5.0	SR4	10/1/2019 23:56	29.28	69.9	4.57	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	10/1/2019 0:00	29.23	79.6	5.37	7.0	SR5	10/1/2019 6:00	29.38	82.3	5.58	7.3	SR5	10/1/2019 12:00	29.23	77.9	5.28	7.7	SR5	10/1/2019 18:00	29.58	83.2	5.30	5.5
SR5	10/1/2019 0:05	29.22	80.3	5.41	7.1	SR5	10/1/2019 6:05	29.38	82.3	5.55	7.9	SR5	10/1/2019 12:05	29.24	78.1	5.28	8.1	SR5	10/1/2019 18:05	29.65	84.1	5.35	6.1
SR5	10/1/2019 0:10	29.21	82.2	5.56	6.6	SR5	10/1/2019 6:10	29.38	81.3	5.47	7.9	SR5	10/1/2019 12:10	29.23	77.8	5.27	6.1	SR5	10/1/2019 18:10	29.64	83.2	5.29	5.7
SR5	10/1/2019 0:15	29.22	83.1	5.60	7.0	SR5	10/1/2019 6:15	29.39	80.1	5.43	8.1	SR5	10/1/2019 12:15	29.22	77.5	5.26	5.9	SR5	10/1/2019 18:15	29.71	83.7	5.32	5.7
SR5	10/1/2019 0:20	29.23	83.0	5.62	7.4	SR5	10/1/2019 6:20	29.39	79.8	5.41	8.7	SR5	10/1/2019 12:20	29.22	77.7	5.23	6.7	SR5	10/1/2019 18:20	29.70	83.5	5.31	5.4
SR5	10/1/2019 0:25	29.23	83.0	5.61	6.2	SR5	10/1/2019 6:25	29.39	79.5	5.37	7.2	SR5	10/1/2019 12:25	29.22	77.6	5.26	6.5	SR5	10/1/2019 18:25	29.69	83.3	5.30	5.6
SR5	10/1/2019 0:30	29.22	82.8	5.58	6.5	SR5	10/1/2019 6:30	29.39	79.4	5.37	8.1	SR5	10/1/2019 12:30	29.21	77.6	5.24	7.0	SR5	10/1/2019 18:30	29.67	83.2	5.29	6.1
SR5	10/1/2019 0:35	29.22	82.3	5.58	7.7	SR5	10/1/2019 6:35	29.39	79.7	5.39	8.0	SR5	10/1/2019 12:35	29.23	78.3	5.27	6.5	SR5	10/1/2019 18:35	29.62	82.8	5.27	5.1
SR5	10/1/2019 0:40	29.22	81.9	5.56	7.8	SR5	10/1/2019 6:40	29.38	79.3	5.35	8.6	SR5	10/1/2019 12:40	29.21	78.3	5.32	7.4	SR5	10/1/2019 18:40	29.63	82.3	5.24	6.7
SR5	10/1/2019 0:45	29.22	82.1	5.55	7.2	SR5	10/1/2019 6:45	29.37	79.5	5.38	6.8	SR5	10/1/2019 12:45	29.26	78.1	5.28	6.5	SR5	10/1/2019 18:45	29.62	77.4	5.26	5.7
SR5	10/1/2019 0:50	29.22	82.2	5.56	8.1	SR5	10/1/2019 6:50	29.38	80.2	5.40	7.1	SR5	10/1/2019 12:50	29.37	80.2	5.42	5.2	SR5	10/1/2019 18:50	29.62	77.0	5.24	6.6
SR5	10/1/2019 0:55	29.22	81.5	5.50	8.2	SR5	10/1/2019 6:55	29.37	80.0	5.42	8.4	SR5	10/1/2019 12:55	29.36	80.4	5.40	7.3	SR5	10/1/2019 18:55	29.61	76.7	5.22	6.2
SR5	10/1/2019 1:00	29.23	81.0	5.45	6.5	SR5	10/1/2019 7:00	29.38	79.9	5.38	8.1	SR5	10/1/2019 13:00	29.30	80.1	5.42	6.6	SR5	10/1/2019 19:00	29.61	77.2	5.26	6.5
SR5	10/1/2019 1:05	29.24	80.4	5.44	7.2	SR5	10/1/2019 7:05	29.37	79.9	5.39	9.0	SR5	10/1/2019 13:05	29.29	79.7	5.37	6.1	SR5	10/1/2019 19:05	29.60	77.2	5.26	4.8
SR5	10/1/2019 1:10	29.24	80.2	5.43	8.4	SR5	10/1/2019 7:10	29.37	79.9	5.39	7.9	SR5	10/1/2019 13:10	29.33	79.6	5.39	6.4	SR5	10/1/2019 19:10	29.60	77.0	5.24	5.3
SR5	10/1/2019 1:15	29.24	79.2	**5.03**	7.1	SR5	10/1/2019 7:15	29.37	79.7	5.40	8.8	SR5	10/1/2019 13:15	29.31	80.2	5.39	6.6	SR5	10/1/2019 19:15	29.60	77.0	5.24	5.7
SR5	10/1/2019 1:20	29.25	80.6	5.42	6.8	SR5	10/1/2019 7:20	29.36	79.6	5.36	8.6	SR5	10/1/2019 13:20	29.30	79.8	5.40	6.4	SR5	10/1/2019 19:20	29.61	77.2	5.25	5.3
SR5	10/1/2019 1:25	29.25	80.6	5.44	8.1	SR5	10/1/2019 7:25	29.35	79.6	5.39	8.5	SR5	10/1/2019 13:25	29.37	79.9	5.41	7.4	SR5	10/1/2019 19:25	29.61	78.0	5.31	5.5
SR5	10/1/2019 1:30	29.25	80.4	5.42	7.9	SR5	10/1/2019 7:30	29.34	79.4	5.37	6.8	SR5	10/1/2019 13:30	29.35	79.5	5.34	6.6	SR5	10/1/2019 19:30	29.59	77.3	5.26	5.6
SR5	10/1/2019 1:35	29.26	80.8	5.42	7.7	SR5	10/1/2019 7:35	29.34	79.3	5.35	7.7	SR5	10/1/2019 13:35	29.51	80.7	5.42	6.5	SR5	10/1/2019 19:35	29.55	79.2	5.37	6.8
SR5	10/1/2019 1:40	29.26	81.1	5.45	7.4	SR5	10/1/2019 7:40	29.33	79.6	5.34	7.0	SR5	10/1/2019 13:40	29.45	80.1	5.42	6.2	SR5	10/1/2019 19:40	29.55	78.7	5.33	6.0
SR5	10/1/2019 1:45	29.26	81.1	5.46	6.6	SR5	10/1/2019 7:45	29.33	79.4	5.35	7.3	SR5	10/1/2019 13:45	29.45	79.7	5.38	5.8	SR5	10/1/2019 19:45	29.54	78.8	5.34	6.0
SR5	10/1/2019 1:50	29.26	80.6	5.45	6.4	SR5	10/1/2019 7:50	29.33	79.1	5.34	7.6	SR5	10/1/2019 13:50	29.44	79.1	5.31	6.8	SR5	10/1/2019 19:50	29.54	79.0	5.33	4.9
SR5	10/1/2019 1:55	29.24	81.0	5.49	7.8	SR5	10/1/2019 7:55	29.33	78.2	5.26	8.6	SR5	10/1/2019 13:55	29.42	78.6	5.31	5.2	SR5	10/1/2019 19:55	29.53	79.0	5.34	5.8
SR5	10/1/2019 2:00	29.20	80.5	5.41	6.8	SR5	10/1/2019 8:00	29.32	78.4	5.30	7.4	SR5	10/1/2019 14:00	29.49	78.6	5.30	6.5	SR5	10/1/2019 20:00	29.50	78.9	5.33	8.9
SR5	10/1/2019 2:05	29.23	80.5	5.46	6.4	SR5	10/1/2019 8:05	29.33	78.4	5.29	7.8	SR5	10/1/2019 14:05	29.44	77.7	5.25	7.1	SR5	10/1/2019 20:05	29.48	78.4	5.27	5.6
SR5	10/1/2019 2:10	29.22	80.7	5.48	8.0	SR5	10/1/2019 8:10	29.33	78.6	5.29	7.9	SR5	10/1/2019 14:10	29.44	77.4	5.23	6.0	SR5	10/1/2019 20:10	29.47	78.1	5.27	5.6
SR5	10/1/2019 2:15	29.23	80.4	5.45	6.2	SR5	10/1/2019 8:15	29.33	78.3	5.29	8.3	SR5	10/1/2019 14:15	29.40	77.1	5.20	7.0	SR5	10/1/2019 20:15	29.45	78.3	5.30	4.2
SR5	10/1/2019 2:20	29.23	80.4	5.44	7.5	SR5	10/1/2019 8:20	29.33	77.9	5.26	8.4	SR5	10/1/2019 14:20	29.40	77.3	5.24	7.1	SR5	10/1/2019 20:20	29.47	77.9	5.28	6.1
SR5	10/1/2019 2:25	29.22	81.4	5.48	7.2	SR5	10/1/2019 8:25	29.32	77.8	5.26	7.6	SR5	10/1/2019 14:25	29.41	76.7	5.17	6.1	SR5	10/1/2019 20:25	29.49	77.9	5.28	5.1
SR5	10/1/2019 2:30	29.23	82.1	5.52	6.7	SR5	10/1/2019 8:30	29.32	78.1	5.26	7.6	SR5	10/1/2019 14:30	29.40	77.3	5.26	5.5	SR5	10/1/2019 20:30	29.48	77.7	5.27	6.5
SR5	10/1/2019 2:35	29.18	82.7	5.55	7.2	SR5	10/1/2019 8:35	29.31	77.8	5.25	7.2	SR5	10/1/2019 14:35	29.38	76.8	5.23	6.1	SR5	10/1/2019 20:35	29.46	77.9	5.29	6.1
SR5	10/1/2019 2:40	29.19	82.3	5.55	6.9	SR5	10/1/2019 8:40	29.32	78.0	5.28	7.1	SR5	10/1/2019 14:40	29.38	76.1	5.18	6.6	SR5	10/1/2019 20:40	29.47	77.8	5.27	5.3
SR5	10/1/2019 2:45	29.21	83.1	5.61	8.4	SR5	10/1/2019 8:45	29.32	78.3	5.29	6.8	SR5	10/1/2019 14:45	29.54	78.3	5.32	6.0	SR5	10/1/2019 20:45	29.47	77.6	5.24	5.6
SR5	10/1/2019 2:50	29.23	82.5	5.54	7.0	SR5	10/1/2019 8:50	29.31	78.8	5.30	6.9	SR5	10/1/2019 14:50	29.71	79.0	5.36	6.5	SR5	10/1/2019 20:50	29.48	78.4	5.29	6.3
SR5	10/1/2019 2:55	29.22	82.5	5.57	6.9	SR5	10/1/2019 8:55	29.31	78.7	5.34	7.2	SR5	10/1/2019 14:55	29.74	79.6	5.40	5.4	SR5	10/1/2019 20:55	29.46	78.2	5.29	5.9
SR5	10/1/2019 3:00	29.23	81.8	5.52	6.8	SR5	10/1/2019 9:00	29.30	82.6	5.63	6.9	SR5	10/1/2019 15:00	29.68	84.0	5.31	7.1	SR5	10/1/2019 21:00	29.44	78.5	5.30	6.6
SR5	10/1/2019 3:05	29.25	82.1	5.56	7.2	SR5	10/1/2019 9:05	29.31	81.6	5.54	7.9	SR5	10/1/2019 15:05	29.73	84.2	5.33	6.9	SR5	10/1/2019 21:05	29.42	78.8	5.32	6.7
SR5	10/1/2019 3:10	29.24	82.4	5.59	6.8	SR5	10/1/2019 9:10	29.30	80.8	5.46	6.6	SR5	10/1/2019 15:10	29.86	85.8	5.42	5.9	SR5	10/1/2019 21:10	29.40	78.8	5.32	5.2
SR5	10/1/2019 3:15	29.25	82.3	5.54	8.2	SR5	10/1/2019 9:15	29.31	80.5	5.43	7.1	SR5	10/1/2019 15:15	29.74	84.6	5.35	5.3	SR5	10/1/2019 21:15	29.42	78.5	5.32	6.5
SR5	10/1/2019 3:20	29.27	82.7	5.57	6.7	SR5	10/1/2019 9:20	29.29	80.4	5.43	7.4	SR5	10/1/2019 15:20	29.80	85.6	5.41	5.9	SR5	10/1/2019 21:20	29.40	78.5	5.28	5.7
SR5	10/1/2019 3:25	29.25	82.9	5.61	7.4	SR5	10/1/2019 9:25	29.29	80.2	5.39	8.2	SR5	10/1/2019 15:25	29.79	85.1	5.38	6.2	SR5	10/1/2019 21:25	29.40	78.5	5.31	6.6
SR5	10/1/2019 3:30	29.24	82.3	5.26	8.2	SR5	10/1/2019 9:30	29.28	79.8	5.40	8.4	SR5	10/1/2019 15:30	29.68	83.8	5.30	6.6	SR5	10/1/2019 21:30	29.39	78.9	5.33	5.5
SR5	10/1/2019 3:35	29.24	82.0	5.24	7.6	SR5	10/1/2019 9:35	29.27	79.9	5.42	7.5	SR5	10/1/2019 15:35	29.79	85.6	5.42	7.4	SR5	10/1/2019 21:35	29.39	78.8	5.31	4.8
SR5	10/1/2019 3:40	29.26	82.5	5.27	8.0	SR5	10/1/2019 9:40	29.28	80.1	5.40	8.1	SR5	10/1/2019 15:40	29.82	86.6	5.48	6.1	SR5	10/1/2019 21:40	29.37	78.8	5.33	3.9
SR5	10/1/2019 3:45	29.27	82.2	5.26	8.4	SR5	10/1/2019 9:45	29.29	80.0	5.42	7.4	SR5	10/1/2019 15:45	29.83	86.2	5.46	7.2	SR5	10/1/2019 21:45	29.37	78.6	5.32	4.3
SR5	10/1/2019 3:50	29.27	82.5	5.28	7.1	SR5	10/1/2019 9:50	29.30	80.3	5.44	8.8	SR5	10/1/2019 15:50	29.91	86.8	5.48	6.3	SR5	10/1/2019 21:50	29.36	78.6	5.30	4.4
SR5	10/1/2019 3:55	29.27	82.9	5.30	8.1	SR5	10/1/2019 9:55	29.30	79.7	5.41	8.2	SR5	10/1/2019 15:55	29.90	86.5	5.47	4.9	SR5	10/1/2019 21:55	29.36	78.9	5.32	6.1
SR5	10/1/2019 4:00	29.29	82.7	5.29	7.8	SR5	10/1/2019 10:00	29.30	79.5	5.38	7.0	SR5	10/1/2019 16:00	29.87	86.8	5.49	5.6	SR5	10/1/2019 22:00	29.36	78.8	5.30	5.1
SR5	10/1/2019 4:05	29.31	82.8	5.29	7.7	SR5	10/1/2019 10:05	29.29	79.7	5.36	7.8	SR5	10/1/2019 16:05	29.80	85.6	5.42	5.3	SR5	10/1/2019 22:05	29.36	78.4	5.32	4.7
SR5	10/1/2019 4:10	29.32	82.5	5.28	7.0	SR5	10/1/2019 10:10	29.28	79.5	5.39	7.4	SR5	10/1/2019 16:10	29.83	86.1	5.45	5.6	SR5	10/1/2019 22:10	29.36	78.6	5.34	6.1
SR5	10/1/2019 4:15	29.31	82.5	5.28	8.0	SR5	10/1/2019 10:15	29.28	79.5	5.36	8.0	SR5	10/1/2019 16:15	29.95	86.9	5.49	5.2	SR5	10/1/2019 22:15	29.38	78.2	5.29	4.9
SR5	10/1/2019 4:20	29.33	82.0	5.24	7.3	SR5	10/1/2019 10:20	29.27	79.7	5.40	7.6	SR5	10/1/2019 16:20	29.95	86.9	5.50	4.9	SR5	10/1/2019 22:20	29.36	78.7	5.30	5.5
SR5	10/1/2019 4:25	29.37	82.5	5.27	8.1	SR5	10/1/2019 10:25	29.27	79.4	5.37	7.9	SR5	10/1/2019 16:25	29.97	86.7	5.48	6.4	SR5	10/1/2019 22:25	29.36	78.8	5.33	4.9
SR5	10/1/2019 4:30	29.40	82.6	5.27	7.9	SR5	10/1/2019 10:30	29.28	79.4	5.34	7.9	SR5	10/1/2019 16:30	29.86	86.3	5.47	5.7	SR5	10/1/2019 22:30	29.38	79.1	5.35	5.6
SR5	10/1/2019 4:35	29.38	82.3	5.26	7.7	SR5	10/1/2019 10:35	29.26	79.8	5.42	8.6	SR5	10/1/2019 16:35	29.82	85.9	5.45	5.1	SR5	10/1/2019 22:35	29.38	78.6	5.33	5.7
SR5	10/1/2019 4:40	29.40	82.2	5.25	6.5	SR5	10/1/2019 10:40	29.26	80.0	5.43	8.3	SR5	10/1/2019 16:40	29.80	85.7	5.44	6.2	SR5	10/1/2019 22:40	29.37	79.1	5.32	4.7
SR5	10/1/2019 4:45	29.40	82.4	5.26	8.3	SR5	10/1/2019 10:45	29.25	79.9	5.43	7.6	SR5	10/1/2019 16:45	29.80	85.6	5.43	5.2	SR5	10/1/2019 22:45	29.37	79.1	5.34	5.6
SR5	10/1/2019 4:50	29.39	82.4	5.26	7.1	SR5	10/1/2019 10:50	29.23	79.2	5.34	7.8	SR5	10/1/2019 16:50	29.79	85.6	5.43	5.8	SR5	10/1/2019 22:50	29.35	79.3	5.34	4.3
SR5	10/1/2019 4:55	29.38	83.3	5.63	9.2	SR5	10/1/2019 10:55	29.27	79.6	5.37	8.4	SR5	10/1/2019 16:55	29.73	85.0	5.40	5.5	SR5	10/1/2019 22:55	29.35	79.2	5.37	4.8
SR5	10/1/2019 5:00	29.38	83.2	5.64	8.7	SR5	10/1/2019 11:00	29.27	79.6	5.41	7.7	SR5	10/1/2019 17:00	29.67	84.9	5.40	6.2	SR5	10/1/2019 23:00	29.34	79.2	5.33	5.0
SR5	10/1/2019 5:05	29.38	82.9	5.61	6.9	SR5	10/1/2019 11:05	29.24	79.3	5.34	7.2	SR5	10/1/2019 17:05	29.66	85.0	5.40	6.4	SR5	10/1/2019 23:05	29.34	79.6	5.37	6.3
SR5	10/1/2019 5:10	29.39	82.5	5.55	7.8	SR5	10/1/2019 11:10	29.24	79.4	5.36	7.8	SR5	10/1/2019 17:10	29.66	84.5	5.37	5.8	SR5	10/1/2019 23:10	29.33	80.1	5.43	5.3
SR5	10/1/2019 5:15	29.38	83.0	5.61	8.4	SR5	10/1/2019 11:15	29.22	79.1	5.35	7.8	SR5	10/1/2019 17:15	29.64	84.8	5.40	5.9	SR5	10/1/2019 23:15	29.32	80.6	5.43	4.5
SR5	10/1/2019 5:20	29.37	82.9	5.60	7.4	SR5	10/1/2019 11:20	29.23	79.4	5.36	8.6	SR5	10/1/2019 17:20	29.63	84.7	5.39	5.8	SR5	10/1/2019 23:20	29.32	79.7	5.39	5.2
SR5	10/1/2019 5:25	29.36	83.2	5.62	8.6	SR5	10/1/2019 11:25	29.22	79.4	5.39	9.4	SR5	10/1/2019 17:25	29.64	84.5	5.37	6.0	SR5	10/1/2019 23:25	29.32	79.3	5.35	6.8
SR5	10/1/2019 5:30	29.35	83.1	5.61	8.3	SR5	10/1/2019 11:30	29.21	79.3	5.36	9.5	SR5	10/1/2019 17:30	29.62	84.0	5.35	6.3	SR5	10/1/2019 23:30	29.32	79.4	5.34	5.1
SR5	10/1/2019 5:35	29.36	83.1	5.64	7.0	SR5	10/1/2019 11:35	29.21	79.1	5.34	8.0	SR5	10/1/2019 17:35	29.63	83.7	5.33	5.4	SR5	10/1/2019 23:35	29.32	79.2	5.34	5.3
SR5	10/1/2019 5:40	29.38	83.6	5.63	8.2	SR5	10/1/2019 11:40	29.21	79.2	5.34	7.0	SR5	10/1/2019 17:40	29.60	83.4	5.31	5.7	SR5	10/1/2019 23:40	29.31	79.4	5.38	5.7
SR5	10/1/2019 5:45	29.38	83.3	5.62	8.1	SR5	10/1/2019 11:45	29.20	79.0	5.34	8.6	SR5	10/1/2019 17:45	29.58	83.7	5.33	6.5	SR5	10/1/2019 23:45	29.31	78.9	5.32	6.3
SR5	10/1/2019 5:50	29.39	82.8	5.57	7.7	SR5	10/1/2019 11:50	29.21	78.4	5.33	7.2	SR5	10/1/2019 17:50	29.57	83.4	5.31	6.3	SR5	10/1/2019 23:50	29.30	78.8	5.35	5.7
SR5	10/1/2019 5:55	29.38	82.2	5.57	7.1	SR5	10/1/2019 11:55	29.22	78.5	5.32	8.3	SR5	10/1/2019 17:55	29.58	82.8	5.27	7.3	SR5	10/1/2019 23:55	29.30	78.8	5.32	5.4

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	10/1/2019 0:01	29.23	68.8	4.58	5.1	SR12	10/1/2019 6:01	29.17	80.0	5.36	6.9	SR12	10/1/2019 12:01	29.27	73.1	4.91	5.0	SR12	10/1/2019 18:01	29.30	81.4	5.43	6.1
SR12	10/1/2019 0:06	29.22	68.4	4.56	4.6	SR12	10/1/2019 6:06	29.16	79.3	5.29	5.1	SR12	10/1/2019 12:06	29.26	74.3	4.95	4.5	SR12	10/1/2019 18:06	29.31	81.8	5.49	5.4
SR12	10/1/2019 0:11	29.20	70.4	4.69	4.6	SR12	10/1/2019 6:11	29.16	80.1	5.36	5.2	SR12	10/1/2019 12:11	29.24	72.2	4.83	4.9	SR12	10/1/2019 18:11	29.32	82.5	5.55	6.1
SR12	10/1/2019 0:16	29.23	71.2	4.75	4.7	SR12	10/1/2019 6:16	29.15	79.7	5.35	4.8	SR12	10/1/2019 12:16	29.23	72.5	4.83	4.8	SR12	10/1/2019 18:16	29.32	82.2	5.49	6.0
SR12	10/1/2019 0:21	29.23	71.0	4.73	4.7	SR12	10/1/2019 6:21	29.16	79.2	5.28	5.0	SR12	10/1/2019 12:21	29.22	72.0	4.80	5.1	SR12	10/1/2019 18:21	29.32	82.7	5.53	5.2
SR12	10/1/2019 0:26	29.23	71.9	4.79	4.7	SR12	10/1/2019 6:26	29.17	79.4	5.33	5.0	SR12	10/1/2019 12:26	29.45	73.9	4.92	4.0	SR12	10/1/2019 18:26	29.31	82.5	5.51	5.0
SR12	10/1/2019 0:31	29.24	71.7	4.81	6.8	SR12	10/1/2019 6:31	29.17	79.2	5.32	5.5	SR12	10/1/2019 12:31	29.46	74.4	4.96	3.8	SR12	10/1/2019 18:31	29.33	82.3	5.51	4.7
SR12	10/1/2019 0:36	29.24	71.1	4.76	4.9	SR12	10/1/2019 6:36	29.18	79.2	5.29	6.2	SR12	10/1/2019 12:36	29.52	75.0	5.03	4.1	SR12	10/1/2019 18:36	29.33	82.1	5.49	4.7
SR12	10/1/2019 0:41	29.24	71.4	4.79	4.9	SR12	10/1/2019 6:41	29.18	78.5	5.27	6.5	SR12	10/1/2019 12:41	29.48	76.2	5.09	3.8	SR12	10/1/2019 18:41	29.33	82.3	5.48	4.1
SR12	10/1/2019 0:46	29.23	70.9	4.75	4.4	SR12	10/1/2019 6:46	29.17	78.6	5.28	6.2	SR12	10/1/2019 12:46	29.51	75.6	5.08	4.0	SR12	10/1/2019 18:46	29.33	81.7	5.49	5.3
SR12	10/1/2019 0:51	29.24	70.1	4.69	4.5	SR12	10/1/2019 6:51	29.16	78.5	5.27	5.6	SR12	10/1/2019 12:51	29.39	74.5	5.01	4.5	SR12	10/1/2019 18:51	29.33	81.8	5.49	5.0
SR12	10/1/2019 0:56	29.24	70.8	4.72	4.7	SR12	10/1/2019 6:56	29.17	77.9	5.24	7.1	SR12	10/1/2019 12:56	29.36	73.7	4.91	4.5	SR12	10/1/2019 18:56	29.33	80.4	5.41	5.2
SR12	10/1/2019 1:01	29.24	71.1	4.76	5.2	SR12	10/1/2019 7:01	29.17	78.1	5.20	6.6	SR12	10/1/2019 13:01	29.36	72.4	4.84	4.4	SR12	10/1/2019 19:01	29.33	80.3	5.37	5.2
SR12	10/1/2019 1:06	29.23	71.3	4.75	5.0	SR12	10/1/2019 7:06	29.17	77.4	5.17	6.5	SR12	10/1/2019 13:06	29.61	74.5	4.97	4.2	SR12	10/1/2019 19:06	29.33	80.2	5.36	5.0
SR12	10/1/2019 1:11	29.24	71.7	4.80	4.9	SR12	10/1/2019 7:11	29.17	77.5	5.20	7.1	SR12	10/1/2019 13:11	29.58	76.1	5.08	3.6	SR12	10/1/2019 19:11	29.33	80.7	5.41	5.0
SR12	10/1/2019 1:16	29.24	71.2	4.77	5.9	SR12	10/1/2019 7:16	29.17	76.9	5.12	6.5	SR12	10/1/2019 13:16	29.62	77.7	5.23	3.6	SR12	10/1/2019 19:16	29.34	80.4	5.39	4.9
SR12	10/1/2019 1:21	29.24	70.9	4.76	5.1	SR12	10/1/2019 7:21	29.18	75.4	5.04	6.4	SR12	10/1/2019 13:21	29.52	78.2	5.21	3.8	SR12	10/1/2019 19:21	29.34	81.0	5.41	5.5
SR12	10/1/2019 1:26	29.24	71.1	4.76	5.4	SR12	10/1/2019 7:26	29.18	76.9	5.15	8.2	SR12	10/1/2019 13:26	29.51	77.9	5.21	4.0	SR12	10/1/2019 19:26	29.34	80.5	5.39	5.5
SR12	10/1/2019 1:31	29.24	71.4	4.76	5.4	SR12	10/1/2019 7:31	29.18	76.7	5.11	7.0	SR12	10/1/2019 13:31	29.45	76.9	5.17	4.2	SR12	10/1/2019 19:31	29.33	81.0	5.43	5.3
SR12	10/1/2019 1:36	29.23	72.3	4.83	5.1	SR12	10/1/2019 7:36	29.18	75.4	5.07	6.6	SR12	10/1/2019 13:36	29.45	77.6	5.19	7.1	SR12	10/1/2019 19:36	29.33	80.6	5.39	5.2
SR12	10/1/2019 1:41	29.23	72.0	4.84	6.6	SR12	10/1/2019 7:41	29.18	75.0	5.04	5.7	SR12	10/1/2019 13:41	29.44	76.7	5.16	8.0	SR12	10/1/2019 19:41	29.33	80.4	5.35	5.6
SR12	10/1/2019 1:46	29.23	73.1	4.91	5.3	SR12	10/1/2019 7:46	29.18	75.2	5.01	6.2	SR12	10/1/2019 13:46	29.40	77.1	5.15	4.7	SR12	10/1/2019 19:46	29.33	79.5	5.33	5.0
SR12	10/1/2019 1:51	29.23	73.9	4.97	5.6	SR12	10/1/2019 7:51	29.18	74.2	4.99	6.3	SR12	10/1/2019 13:51	29.39	77.7	5.19	4.5	SR12	10/1/2019 19:51	29.33	79.8	5.35	5.1
SR12	10/1/2019 1:56	29.23	73.9	4.95	5.7	SR12	10/1/2019 7:56	29.18	75.8	5.09	6.8	SR12	10/1/2019 13:56	29.41	77.5	5.20	4.9	SR12	10/1/2019 19:56	29.34	79.3	5.29	4.8
SR12	10/1/2019 2:01	29.23	73.9	4.95	5.8	SR12	10/1/2019 8:01	29.18	75.9	5.07	6.6	SR12	10/1/2019 14:01	29.37	78.5	5.23	5.2	SR12	10/1/2019 20:01	29.34	78.0	5.24	4.4
SR12	10/1/2019 2:06	29.23	73.5	4.93	5.9	SR12	10/1/2019 8:06	29.18	75.9	5.08	6.0	SR12	10/1/2019 14:06	29.36	78.3	5.25	4.6	SR12	10/1/2019 20:06	29.34	77.8	5.21	4.4
SR12	10/1/2019 2:11	29.23	73.8	4.92	6.0	SR12	10/1/2019 8:11	29.18	75.9	5.09	5.8	SR12	10/1/2019 14:11	29.37	80.6	5.37	4.4	SR12	10/1/2019 20:11	29.35	77.9	5.20	5.4
SR12	10/1/2019 2:16	29.23	74.5	5.00	**10.0**	SR12	10/1/2019 8:16	29.18	76.1	5.09	5.8	SR12	10/1/2019 14:16	29.34	77.9	5.21	4.9	SR12	10/1/2019 20:16	29.35	77.4	5.20	4.8
SR12	10/1/2019 2:21	29.23	75.1	5.04	6.4	SR12	10/1/2019 8:21	29.18	76.2	5.07	5.4	SR12	10/1/2019 14:21	29.42	80.4	5.37	4.1	SR12	10/1/2019 20:21	29.35	78.4	5.23	4.8
SR12	10/1/2019 2:26	29.23	74.9	5.00	6.0	SR12	10/1/2019 8:26	29.19	74.9	4.99	5.0	SR12	10/1/2019 14:26	29.35	78.4	5.25	4.8	SR12	10/1/2019 20:26	29.34	77.2	5.19	4.7
SR12	10/1/2019 2:31	29.23	75.5	5.07	5.5	SR12	10/1/2019 8:31	29.19	75.7	5.04	4.9	SR12	10/1/2019 14:31	29.37	78.5	5.27	4.9	SR12	10/1/2019 20:31	29.35	76.1	5.07	4.9
SR12	10/1/2019 2:36	29.23	74.5	4.97	5.7	SR12	10/1/2019 8:36	29.19	74.4	5.01	5.3	SR12	10/1/2019 14:36	29.37	79.3	5.29	4.9	SR12	10/1/2019 20:36	29.34	74.5	5.01	5.0
SR12	10/1/2019 2:41	29.23	74.3	4.99	5.8	SR12	10/1/2019 8:41	29.19	74.7	5.01	5.6	SR12	10/1/2019 14:41	29.37	79.2	5.31	4.7	SR12	10/1/2019 20:41	29.34	75.0	5.00	4.8
SR12	10/1/2019 2:46	29.23	74.4	4.96	5.8	SR12	10/1/2019 8:46	29.19	73.7	4.96	4.7	SR12	10/1/2019 14:46	29.40	80.2	5.36	4.5	SR12	10/1/2019 20:46	29.34	74.5	4.99	4.9
SR12	10/1/2019 2:51	29.24	73.6	4.95	5.9	SR12	10/1/2019 8:51	29.19	74.0	4.93	4.6	SR12	10/1/2019 14:51	29.35	78.9	5.28	5.1	SR12	10/1/2019 20:51	29.33	72.5	4.85	4.9
SR12	10/1/2019 2:56	29.23	73.2	4.91	6.2	SR12	10/1/2019 8:56	29.20	73.6	4.93	5.2	SR12	10/1/2019 14:56	29.35	79.4	5.31	4.9	SR12	10/1/2019 20:56	29.33	73.0	4.91	4.5
SR12	10/1/2019 3:01	29.23	74.5	4.97	6.0	SR12	10/1/2019 9:01	29.20	75.3	5.03	4.7	SR12	10/1/2019 15:01	29.35	79.5	5.32	5.3	SR12	10/1/2019 21:01	29.33	71.9	4.81	4.3
SR12	10/1/2019 3:06	29.24	74.5	4.99	6.4	SR12	10/1/2019 9:06	29.20	74.0	4.95	5.3	SR12	10/1/2019 15:06	29.35	80.4	5.39	5.2	SR12	10/1/2019 21:06	29.33	71.5	4.80	4.7
SR12	10/1/2019 3:11	29.24	75.0	5.01	6.0	SR12	10/1/2019 9:11	29.20	74.0	4.97	5.7	SR12	10/1/2019 15:11	29.34	79.8	5.36	5.2	SR12	10/1/2019 21:11	29.33	71.6	4.77	4.2
SR12	10/1/2019 3:16	29.23	75.3	5.04	7.0	SR12	10/1/2019 9:16	29.24	74.7	5.01	4.7	SR12	10/1/2019 15:16	29.34	80.1	5.36	5.0	SR12	10/1/2019 21:16	29.32	71.6	4.80	5.0
SR12	10/1/2019 3:21	29.23	75.4	5.04	6.7	SR12	10/1/2019 9:21	29.22	74.3	5.00	8.1	SR12	10/1/2019 15:21	29.35	80.2	5.36	5.5	SR12	10/1/2019 21:21	29.33	72.1	4.85	5.1
SR12	10/1/2019 3:26	29.23	75.8	5.07	6.4	SR12	10/1/2019 9:26	29.22	75.8	5.07	4.9	SR12	10/1/2019 15:26	29.34	79.9	5.33	5.3	SR12	10/1/2019 21:26	29.33	71.8	4.80	4.4
SR12	10/1/2019 3:31	29.22	76.2	5.11	7.1	SR12	10/1/2019 9:31	29.23	75.8	5.07	4.8	SR12	10/1/2019 15:31	29.35	80.3	5.35	7.6	SR12	10/1/2019 21:31	29.32	73.4	4.92	4.6
SR12	10/1/2019 3:36	29.22	76.6	5.13	6.8	SR12	10/1/2019 9:36	29.22	74.7	5.00	4.7	SR12	10/1/2019 15:36	29.35	80.6	5.41	5.9	SR12	10/1/2019 21:36	29.32	73.6	4.92	4.3
SR12	10/1/2019 3:41	29.21	75.5	5.08	7.5	SR12	10/1/2019 9:41	29.21	74.1	4.95	4.3	SR12	10/1/2019 15:41	29.35	78.3	5.25	5.5	SR12	10/1/2019 21:41	29.33	73.9	4.93	5.7
SR12	10/1/2019 3:46	29.20	76.3	5.12	7.5	SR12	10/1/2019 9:46	29.22	74.4	4.96	5.0	SR12	10/1/2019 15:46	29.34	75.2	5.05	5.8	SR12	10/1/2019 21:46	29.33	74.7	4.99	6.7
SR12	10/1/2019 3:51	29.20	76.8	5.11	7.9	SR12	10/1/2019 9:51	29.23	75.5	5.04	4.8	SR12	10/1/2019 15:51	29.33	76.5	5.09	6.5	SR12	10/1/2019 21:51	29.32	75.5	5.07	4.9
SR12	10/1/2019 3:56	29.19	76.7	5.13	8.0	SR12	10/1/2019 9:56	29.22	73.9	4.96	8.9	SR12	10/1/2019 15:56	29.32	78.6	5.24	6.2	SR12	10/1/2019 21:56	29.32	75.6	5.05	5.3
SR12	10/1/2019 4:01	29.19	76.9	5.15	7.9	SR12	10/1/2019 10:01	29.23	73.2	4.91	5.0	SR12	10/1/2019 16:01	29.32	78.1	5.21	6.0	SR12	10/1/2019 22:01	29.32	75.1	5.01	4.7
SR12	10/1/2019 4:06	29.19	75.6	5.07	7.7	SR12	10/1/2019 10:06	29.27	73.4	4.93	4.0	SR12	10/1/2019 16:06	29.32	78.6	5.24	6.2	SR12	10/1/2019 22:06	29.32	74.9	5.01	4.3
SR12	10/1/2019 4:11	29.19	76.1	5.12	7.4	SR12	10/1/2019 10:11	29.27	74.7	5.00	4.1	SR12	10/1/2019 16:11	29.32	77.4	5.21	6.0	SR12	10/1/2019 22:11	29.32	73.8	4.95	4.4
SR12	10/1/2019 4:16	29.19	75.7	5.08	7.2	SR12	10/1/2019 10:16	29.29	74.6	4.99	3.8	SR12	10/1/2019 16:16	29.31	78.5	5.24	6.0	SR12	10/1/2019 22:16	29.32	73.8	4.93	4.7
SR12	10/1/2019 4:21	29.19	76.2	5.13	7.3	SR12	10/1/2019 10:21	29.29	75.6	5.08	3.7	SR12	10/1/2019 16:21	29.31	77.9	5.21	6.4	SR12	10/1/2019 22:21	29.32	74.9	5.01	5.6
SR12	10/1/2019 4:26	29.18	77.0	5.17	7.1	SR12	10/1/2019 10:26	29.28	74.6	5.01	4.0	SR12	10/1/2019 16:26	29.31	78.0	5.25	6.2	SR12	10/1/2019 22:26	29.32	75.0	5.03	5.1
SR12	10/1/2019 4:31	29.18	78.2	5.25	8.4	SR12	10/1/2019 10:31	29.29	73.9	4.95	3.5	SR12	10/1/2019 16:31	29.29	77.7	5.20	6.0	SR12	10/1/2019 22:31	29.32	74.7	5.03	4.9
SR12	10/1/2019 4:36	29.17	79.8	5.32	7.1	SR12	10/1/2019 10:36	29.30	74.1	4.96	3.6	SR12	10/1/2019 16:36	29.30	77.9	5.19	6.2	SR12	10/1/2019 22:36	29.32	75.2	5.01	5.3
SR12	10/1/2019 4:41	29.18	80.7	5.40	8.3	SR12	10/1/2019 10:41	29.31	74.7	4.99	4.0	SR12	10/1/2019 16:41	29.29	77.6	5.19	6.4	SR12	10/1/2019 22:41	29.32	74.6	4.97	4.9
SR12	10/1/2019 4:46	29.18	80.3	5.39	7.0	SR12	10/1/2019 10:46	29.31	75.2	5.01	3.8	SR12	10/1/2019 16:46	29.29	77.3	5.15	6.0	SR12	10/1/2019 22:46	29.32	74.3	4.95	5.4
SR12	10/1/2019 4:51	29.18	79.9	5.37	6.6	SR12	10/1/2019 10:51	29.30	74.7	5.01	3.8	SR12	10/1/2019 16:51	29.29	77.9	5.24	7.1	SR12	10/1/2019 22:51	29.31	73.4	4.93	4.5
SR12	10/1/2019 4:56	29.18	80.7	5.37	7.2	SR12	10/1/2019 10:56	29.26	74.3	4.95	4.8	SR12	10/1/2019 16:56	29.28	77.1	5.16	7.0	SR12	10/1/2019 22:56	29.32	74.7	5.00	5.7
SR12	10/1/2019 5:01	29.18	80.3	5.36	7.0	SR12	10/1/2019 11:01	29.26	73.2	4.92	4.0	SR12	10/1/2019 17:01	29.28	77.2	5.16	6.6	SR12	10/1/2019 23:01	29.32	74.1	4.95	5.6
SR12	10/1/2019 5:06	29.18	79.9	5.32	6.6	SR12	10/1/2019 11:06	29.33	76.0	5.07	4.0	SR12	10/1/2019 17:06	29.28	79.1	5.29	6.9	SR12	10/1/2019 23:06	29.32	73.2	4.92	4.2
SR12	10/1/2019 5:11	29.18	80.4	5.36	7.5	SR12	10/1/2019 11:11	29.47	77.2	5.15	4.5	SR12	10/1/2019 17:11	29.28	79.0	5.29	9.8	SR12	10/1/2019 23:11	29.32	71.1	4.76	4.7
SR12	10/1/2019 5:16	29.18	80.5	5.37	8.9	SR12	10/1/2019 11:16	29.34	75.2	5.04	3.7	SR12	10/1/2019 17:16	29.28	78.5	5.28	6.4	SR12	10/1/2019 23:16	29.32	70.6	4.71	5.3
SR12	10/1/2019 5:21	29.17	80.8	5.39	8.3	SR12	10/1/2019 11:21	29.27	74.3	4.95	3.8	SR12	10/1/2019 17:21	29.29	79.5	5.33	6.1	SR12	10/1/2019 23:21	29.32	69.6	4.64	5.7
SR12	10/1/2019 5:26	29.18	81.0	5.45	8.0	SR12	10/1/2019 11:26	29.53	75.5	5.07	3.5	SR12	10/1/2019 17:26	29.28	79.9	5.36	6.2	SR12	10/1/2019 23:26	29.32	68.4	4.59	5.7
SR12	10/1/2019 5:31	29.18	81.9	5.48	8.3	SR12	10/1/2019 11:31	29.29	73.7	4.91	3.9	SR12	10/1/2019 17:31	29.34	80.9	5.43	**10.1**	SR12	10/1/2019 23:31	29.32	68.8	4.59	5.1
SR12	10/1/2019 5:36	29.18	81.0	5.45	7.0	SR12	10/1/2019 11:36	29.24	72.0	4.81	4.0	SR12	10/1/2019 17:36	29.30	80.1	5.37	6.8	SR12	10/1/2019 23:36	29.32	69.1	4.60	5.5
SR12	10/1/2019 5:41	29.16	81.7	5.45	5.5	SR12	10/1/2019 11:41	29.24	71.6	4.80	4.0	SR12	10/1/2019 17:41	29.30	79.9	5.37	6.1	SR12	10/1/2019 23:41	29.33	69.2	4.63	5.2
SR12	10/1/2019 5:46	29.17	80.9	5.44	5.7	SR12	10/1/2019 11:46	29.22	71.7	4.79	4.6	SR12	10/1/2019 17:46	29.30	82.2	5.48	5.8	SR12	10/1/2019 23:46	29.33	68.9	4.60	5.5
SR12	10/1/2019 5:51	29.16	81.5	5.44	5.3	SR12	10/1/2019 11:51	29.52	74.5	4.97	4.0	SR12	10/1/2019 17:51	29.29	80.5	5.37	5.6	SR12	10/1/2019 23:51	29.33	70.3	4.72	5.3
SR12	10/1/2019 5:56	29.17	80.9	5.43	6.3	SR12	10/1/2019 11:56	29.44	74.4	4.96	4.3	SR12	10/1/2019 17:56	29.30	81.5	5.43	6.1	SR12	10/1/2019 23:56	29.32	72.4	4.83	5.8

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	10/1/2019 0:00	29.38	74.0	5.21	4.7	SR13	10/1/2019 6:00	29.18	78.4	5.51	5.4	SR13	10/1/2019 12:00	29.39	73.2	5.15	5.8	SR13	10/1/2019 18:00	29.58	80.5	5.64	5.4
SR13	10/1/2019 0:05	29.37	74.2	5.21	7.4	SR13	10/1/2019 6:05	29.17	78.6	5.52	4.9	SR13	10/1/2019 12:05	29.49	75.1	5.25	5.1	SR13	10/1/2019 18:05	29.58	80.2	5.59	5.7
SR13	10/1/2019 0:10	29.38	74.9	5.28	5.7	SR13	10/1/2019 6:10	29.17	78.5	5.50	5.5	SR13	10/1/2019 12:10	29.52	75.0	5.25	4.6	SR13	10/1/2019 18:10	29.59	79.9	5.58	5.9
SR13	10/1/2019 0:15	29.37	75.0	5.28	4.6	SR13	10/1/2019 6:15	29.18	77.3	5.41	5.3	SR13	10/1/2019 12:15	29.57	75.8	5.31	4.3	SR13	10/1/2019 18:15	29.58	80.0	5.60	5.3
SR13	10/1/2019 0:20	29.36	74.6	5.25	5.1	SR13	10/1/2019 6:20	29.17	78.1	5.48	5.5	SR13	10/1/2019 12:20	29.57	76.2	5.32	4.6	SR13	10/1/2019 18:20	29.60	80.0	5.59	4.7
SR13	10/1/2019 0:25	29.36	74.1	5.20	4.0	SR13	10/1/2019 6:25	29.15	78.9	5.52	5.6	SR13	10/1/2019 12:25	29.57	75.6	5.32	4.8	SR13	10/1/2019 18:25	29.62	79.5	5.56	5.6
SR13	10/1/2019 0:30	29.35	74.3	5.21	4.4	SR13	10/1/2019 6:30	29.15	77.7	5.47	5.3	SR13	10/1/2019 12:30	29.51	75.4	5.30	4.8	SR13	10/1/2019 18:30	29.58	79.0	5.54	5.4
SR13	10/1/2019 0:35	29.35	74.1	5.20	4.8	SR13	10/1/2019 6:35	29.18	77.6	5.46	6.5	SR13	10/1/2019 12:35	29.52	74.7	5.25	4.5	SR13	10/1/2019 18:35	29.55	79.5	5.59	5.2
SR13	10/1/2019 0:40	29.37	75.1	5.27	5.3	SR13	10/1/2019 6:40	29.18	76.7	5.37	6.6	SR13	10/1/2019 12:40	29.53	74.2	5.22	4.6	SR13	10/1/2019 18:40	29.56	79.2	5.54	5.5
SR13	10/1/2019 0:45	29.37	74.3	5.22	5.7	SR13	10/1/2019 6:45	29.19	77.8	5.44	5.5	SR13	10/1/2019 12:45	29.64	75.3	5.27	4.9	SR13	10/1/2019 18:45	29.51	78.8	5.54	4.9
SR13	10/1/2019 0:50	29.38	74.8	5.27	5.1	SR13	10/1/2019 6:50	29.18	78.4	5.47	6.4	SR13	10/1/2019 12:50	29.61	76.7	5.40	4.5	SR13	10/1/2019 18:50	29.51	78.5	5.52	5.4
SR13	10/1/2019 0:55	29.38	73.6	5.18	5.2	SR13	10/1/2019 6:55	29.18	79.1	5.52	5.4	SR13	10/1/2019 12:55	29.67	77.6	5.43	4.1	SR13	10/1/2019 18:55	29.54	79.1	5.54	5.2
SR13	10/1/2019 1:00	29.38	73.0	5.13	5.3	SR13	10/1/2019 7:00	29.21	77.4	5.44	6.1	SR13	10/1/2019 13:00	29.61	77.6	5.44	5.2	SR13	10/1/2019 19:00	29.52	76.4	5.37	4.9
SR13	10/1/2019 1:05	29.38	73.8	5.18	4.4	SR13	10/1/2019 7:05	29.22	78.4	5.48	6.4	SR13	10/1/2019 13:05	29.61	77.7	5.44	4.3	SR13	10/1/2019 19:05	29.50	78.4	5.50	6.7
SR13	10/1/2019 1:10	29.38	73.4	5.17	5.1	SR13	10/1/2019 7:10	29.24	77.4	5.44	8.1	SR13	10/1/2019 13:10	29.58	77.6	5.43	4.6	SR13	10/1/2019 19:10	29.53	77.9	5.46	5.5
SR13	10/1/2019 1:15	29.36	74.3	5.25	5.5	SR13	10/1/2019 7:15	29.19	76.9	5.42	5.9	SR13	10/1/2019 13:15	29.60	77.5	5.46	6.2	SR13	10/1/2019 19:15	29.54	78.5	5.50	5.6
SR13	10/1/2019 1:20	29.35	76.1	5.33	5.9	SR13	10/1/2019 7:20	29.21	76.8	5.38	6.5	SR13	10/1/2019 13:20	29.59	77.1	5.41	6.0	SR13	10/1/2019 19:20	29.50	77.7	5.46	6.0
SR13	10/1/2019 1:25	29.35	75.4	5.33	5.9	SR13	10/1/2019 7:25	29.22	77.0	5.38	6.7	SR13	10/1/2019 13:25	29.58	77.7	5.45	4.9	SR13	10/1/2019 19:25	29.50	78.9	5.52	5.7
SR13	10/1/2019 1:30	29.35	75.1	5.30	5.4	SR13	10/1/2019 7:30	29.23	76.0	5.36	6.0	SR13	10/1/2019 13:30	29.58	78.1	5.45	5.2	SR13	10/1/2019 19:30	29.50	78.3	5.51	4.9
SR13	10/1/2019 1:35	29.35	75.3	5.29	5.5	SR13	10/1/2019 7:35	29.24	77.6	5.43	6.8	SR13	10/1/2019 13:35	29.60	77.1	5.42	4.9	SR13	10/1/2019 19:35	29.52	78.3	5.47	5.5
SR13	10/1/2019 1:40	29.35	75.9	5.35	5.4	SR13	10/1/2019 7:40	29.25	77.8	5.44	6.4	SR13	10/1/2019 13:40	29.58	77.9	5.47	5.1	SR13	10/1/2019 19:40	29.53	79.4	5.59	5.3
SR13	10/1/2019 1:45	29.36	75.7	5.31	5.3	SR13	10/1/2019 7:45	29.25	76.9	5.38	6.3	SR13	10/1/2019 13:45	29.62	78.5	5.48	4.5	SR13	10/1/2019 19:45	29.53	78.3	5.50	5.2
SR13	10/1/2019 1:50	29.35	75.0	5.27	5.6	SR13	10/1/2019 7:50	29.25	77.5	5.42	6.9	SR13	10/1/2019 13:50	29.62	79.5	5.57	4.5	SR13	10/1/2019 19:50	29.53	78.5	5.49	4.8
SR13	10/1/2019 1:55	29.35	76.0	5.34	7.4	SR13	10/1/2019 7:55	29.26	77.8	5.48	7.1	SR13	10/1/2019 13:55	29.61	78.6	5.48	4.1	SR13	10/1/2019 19:55	29.53	78.3	5.48	5.9
SR13	10/1/2019 2:00	29.34	75.8	5.36	5.8	SR13	10/1/2019 8:00	29.26	77.3	5.39	6.0	SR13	10/1/2019 14:00	29.63	78.7	5.50	4.6	SR13	10/1/2019 20:00	29.53	77.4	5.44	5.5
SR13	10/1/2019 2:05	29.34	75.4	5.30	4.7	SR13	10/1/2019 8:05	29.27	76.2	5.35	6.0	SR13	10/1/2019 14:05	29.60	78.8	5.51	4.4	SR13	10/1/2019 20:05	29.54	77.6	5.48	5.5
SR13	10/1/2019 2:10	29.33	75.9	5.35	4.7	SR13	10/1/2019 8:10	29.28	77.1	5.39	6.3	SR13	10/1/2019 14:10	29.62	77.6	5.46	5.2	SR13	10/1/2019 20:10	29.54	76.9	5.41	5.3
SR13	10/1/2019 2:15	29.33	74.4	5.25	5.0	SR13	10/1/2019 8:15	29.29	76.6	5.40	6.1	SR13	10/1/2019 14:15	29.64	80.0	5.58	5.0	SR13	10/1/2019 20:15	29.53	76.4	5.36	5.2
SR13	10/1/2019 2:20	29.33	74.3	5.26	5.9	SR13	10/1/2019 8:20	29.28	76.0	5.36	6.4	SR13	10/1/2019 14:20	29.64	79.8	5.59	4.8	SR13	10/1/2019 20:20	29.53	77.0	5.42	5.1
SR13	10/1/2019 2:25	29.34	74.2	5.19	5.4	SR13	10/1/2019 8:25	29.28	76.5	5.38	5.7	SR13	10/1/2019 14:25	29.65	79.4	5.58	4.7	SR13	10/1/2019 20:25	29.53	76.5	5.36	5.4
SR13	10/1/2019 2:30	29.34	72.3	5.12	5.5	SR13	10/1/2019 8:30	29.29	75.4	5.30	5.2	SR13	10/1/2019 14:30	29.66	78.7	5.53	4.8	SR13	10/1/2019 20:30	29.53	75.4	5.30	5.3
SR13	10/1/2019 2:35	29.33	73.8	5.19	5.7	SR13	10/1/2019 8:35	29.30	75.9	5.33	6.2	SR13	10/1/2019 14:35	29.64	79.2	5.55	4.5	SR13	10/1/2019 20:35	29.54	74.7	5.27	5.3
SR13	10/1/2019 2:40	29.32	73.1	5.16	5.2	SR13	10/1/2019 8:40	29.30	76.4	5.37	5.5	SR13	10/1/2019 14:40	29.64	79.5	5.57	6.1	SR13	10/1/2019 20:40	29.54	76.7	5.37	5.2
SR13	10/1/2019 2:45	29.32	73.4	5.18	5.4	SR13	10/1/2019 8:45	29.31	76.4	5.34	5.7	SR13	10/1/2019 14:45	29.64	78.8	5.52	4.3	SR13	10/1/2019 20:45	29.54	75.8	5.34	5.7
SR13	10/1/2019 2:50	29.32	74.4	5.24	5.5	SR13	10/1/2019 8:50	29.31	75.8	5.33	5.9	SR13	10/1/2019 14:50	29.67	80.0	5.64	4.7	SR13	10/1/2019 20:50	29.54	76.0	5.32	5.5
SR13	10/1/2019 2:55	29.31	74.3	5.22	5.7	SR13	10/1/2019 8:55	29.34	75.9	5.35	5.8	SR13	10/1/2019 14:55	29.67	80.0	5.63	4.9	SR13	10/1/2019 20:55	29.52	75.0	5.27	5.6
SR13	10/1/2019 3:00	29.31	74.5	5.26	5.7	SR13	10/1/2019 9:00	29.33	76.6	5.38	6.9	SR13	10/1/2019 15:00	29.67	79.5	5.54	4.7	SR13	10/1/2019 21:00	29.52	76.0	5.35	6.2
SR13	10/1/2019 3:05	29.29	73.5	5.18	5.3	SR13	10/1/2019 9:05	29.34	76.2	5.36	6.1	SR13	10/1/2019 15:05	29.66	78.9	5.53	5.1	SR13	10/1/2019 21:05	29.51	76.3	5.35	6.1
SR13	10/1/2019 3:10	29.29	72.8	5.12	5.5	SR13	10/1/2019 9:10	29.35	76.7	5.36	6.5	SR13	10/1/2019 15:10	29.67	79.5	5.54	5.8	SR13	10/1/2019 21:10	29.51	75.3	5.31	5.6
SR13	10/1/2019 3:15	29.27	72.6	5.12	5.1	SR13	10/1/2019 9:15	29.34	76.1	5.33	5.5	SR13	10/1/2019 15:15	29.67	79.9	5.61	5.4	SR13	10/1/2019 21:15	29.51	75.4	5.29	5.7
SR13	10/1/2019 3:20	29.28	73.2	5.16	5.7	SR13	10/1/2019 9:20	29.33	74.8	5.23	5.5	SR13	10/1/2019 15:20	29.67	79.6	5.58	4.7	SR13	10/1/2019 21:20	29.50	75.8	5.32	6.0
SR13	10/1/2019 3:25	29.28	73.8	5.21	6.1	SR13	10/1/2019 9:25	29.34	77.1	5.39	6.4	SR13	10/1/2019 15:25	29.67	76.9	5.40	4.5	SR13	10/1/2019 21:25	29.48	75.7	5.34	6.0
SR13	10/1/2019 3:30	29.28	73.4	5.16	6.3	SR13	10/1/2019 9:30	29.34	75.6	5.31	5.6	SR13	10/1/2019 15:30	29.67	77.3	5.42	5.3	SR13	10/1/2019 21:30	29.48	76.0	5.33	6.0
SR13	10/1/2019 3:35	29.27	74.3	5.23	6.1	SR13	10/1/2019 9:35	29.33	75.2	5.30	7.8	SR13	10/1/2019 15:35	29.68	77.6	5.45	5.1	SR13	10/1/2019 21:35	29.47	76.3	5.37	5.4
SR13	10/1/2019 3:40	29.27	74.8	5.28	6.8	SR13	10/1/2019 9:40	29.34	74.6	5.24	6.3	SR13	10/1/2019 15:40	29.70	78.7	5.50	5.0	SR13	10/1/2019 21:40	29.47	75.3	5.29	5.7
SR13	10/1/2019 3:45	29.27	74.8	5.28	7.2	SR13	10/1/2019 9:45	29.35	74.8	5.26	6.5	SR13	10/1/2019 15:45	29.68	78.7	5.50	5.1	SR13	10/1/2019 21:45	29.47	75.8	5.34	5.1
SR13	10/1/2019 3:50	29.27	74.5	5.25	5.9	SR13	10/1/2019 9:50	29.35	75.4	5.29	6.2	SR13	10/1/2019 15:50	29.67	77.1	5.44	4.6	SR13	10/1/2019 21:50	29.47	74.7	5.27	4.7
SR13	10/1/2019 3:55	29.26	74.3	5.25	6.6	SR13	10/1/2019 9:55	29.36	76.0	5.33	5.9	SR13	10/1/2019 15:55	29.72	78.1	5.48	4.7	SR13	10/1/2019 21:55	29.47	73.7	5.19	5.2
SR13	10/1/2019 4:00	29.26	74.7	5.28	5.7	SR13	10/1/2019 10:00	29.36	75.3	5.29	5.2	SR13	10/1/2019 16:00	29.71	78.4	5.50	4.8	SR13	10/1/2019 22:00	29.46	74.4	5.24	5.2
SR13	10/1/2019 4:05	29.25	74.9	5.27	5.4	SR13	10/1/2019 10:05	29.36	74.7	5.24	5.3	SR13	10/1/2019 16:05	29.68	78.3	5.49	4.6	SR13	10/1/2019 22:05	29.47	75.5	5.33	6.1
SR13	10/1/2019 4:10	29.25	75.4	5.32	6.8	SR13	10/1/2019 10:10	29.38	75.7	5.31	4.6	SR13	10/1/2019 16:10	29.68	78.4	5.48	5.1	SR13	10/1/2019 22:10	29.46	75.2	5.32	4.9
SR13	10/1/2019 4:15	29.25	76.1	5.32	6.2	SR13	10/1/2019 10:15	29.38	75.3	5.31	4.7	SR13	10/1/2019 16:15	29.66	77.1	5.38	5.0	SR13	10/1/2019 22:15	29.46	75.5	5.27	5.6
SR13	10/1/2019 4:20	29.25	76.9	5.39	8.2	SR13	10/1/2019 10:20	29.38	75.2	5.29	4.8	SR13	10/1/2019 16:20	29.66	77.9	5.48	5.2	SR13	10/1/2019 22:20	29.46	74.8	5.26	5.4
SR13	10/1/2019 4:25	29.23	76.7	5.40	11.4	SR13	10/1/2019 10:25	29.38	76.0	5.31	5.9	SR13	10/1/2019 16:25	29.60	77.6	5.44	5.1	SR13	10/1/2019 22:25	29.46	73.9	5.20	5.7
SR13	10/1/2019 4:30	29.22	77.0	5.43	8.4	SR13	10/1/2019 10:30	29.38	76.1	5.35	4.6	SR13	10/1/2019 16:30	29.63	78.4	5.51	5.4	SR13	10/1/2019 22:30	29.44	74.9	5.26	5.3
SR13	10/1/2019 4:35	29.23	77.6	5.45	6.8	SR13	10/1/2019 10:35	29.36	74.9	5.25	5.0	SR13	10/1/2019 16:35	29.60	78.5	5.48	5.5	SR13	10/1/2019 22:35	29.45	74.5	5.23	5.9
SR13	10/1/2019 4:40	29.24	77.0	5.41	6.7	SR13	10/1/2019 10:40	29.36	74.4	5.24	5.7	SR13	10/1/2019 16:40	29.56	75.9	5.33	6.3	SR13	10/1/2019 22:40	29.44	75.0	5.24	5.6
SR13	10/1/2019 4:45	29.23	77.4	5.44	6.2	SR13	10/1/2019 10:45	29.38	75.4	5.30	5.1	SR13	10/1/2019 16:45	29.56	77.4	5.41	5.7	SR13	10/1/2019 22:45	29.43	74.8	5.24	6.0
SR13	10/1/2019 4:50	29.23	77.9	5.47	6.4	SR13	10/1/2019 10:50	29.44	75.5	5.27	6.7	SR13	10/1/2019 16:50	29.57	76.4	5.37	7.1	SR13	10/1/2019 22:50	29.44	73.9	5.21	4.9
SR13	10/1/2019 4:55	29.22	77.9	5.47	6.8	SR13	10/1/2019 10:55	29.39	74.7	5.25	5.8	SR13	10/1/2019 16:55	29.58	77.5	5.44	6.1	SR13	10/1/2019 22:55	29.44	72.6	5.12	5.2
SR13	10/1/2019 5:00	29.22	77.5	5.45	6.4	SR13	10/1/2019 11:00	29.37	74.6	5.24	5.5	SR13	10/1/2019 17:00	29.58	77.3	5.41	5.5	SR13	10/1/2019 23:00	29.43	72.5	5.11	5.6
SR13	10/1/2019 5:05	29.21	78.5	5.52	6.9	SR13	10/1/2019 11:05	29.49	75.5	5.29	5.6	SR13	10/1/2019 17:05	29.58	78.9	5.52	6.4	SR13	10/1/2019 23:05	29.41	72.0	5.07	5.6
SR13	10/1/2019 5:10	29.21	78.9	5.53	6.7	SR13	10/1/2019 11:10	29.41	74.7	5.23	5.4	SR13	10/1/2019 17:10	29.60	79.0	5.53	7.4	SR13	10/1/2019 23:10	29.43	71.9	5.07	5.3
SR13	10/1/2019 5:15	29.21	77.9	5.47	5.9	SR13	10/1/2019 11:15	29.40	73.5	5.18	5.0	SR13	10/1/2019 17:15	29.60	78.9	5.54	7.3	SR13	10/1/2019 23:15	29.43	72.4	5.10	5.7
SR13	10/1/2019 5:20	29.19	77.4	5.44	5.1	SR13	10/1/2019 11:20	29.40	74.3	5.22	5.0	SR13	10/1/2019 17:20	29.60	78.2	5.51	6.5	SR13	10/1/2019 23:20	29.44	72.7	5.10	5.2
SR13	10/1/2019 5:25	29.19	78.9	5.53	6.5	SR13	10/1/2019 11:25	29.39	73.9	5.21	5.6	SR13	10/1/2019 17:25	29.61	79.3	5.56	6.6	SR13	10/1/2019 23:25	29.44	72.7	5.10	5.6
SR13	10/1/2019 5:30	29.17	79.3	5.55	5.8	SR13	10/1/2019 11:30	29.51	74.7	5.24	5.4	SR13	10/1/2019 17:30	29.59	78.7	5.53	5.6	SR13	10/1/2019 23:30	29.44	72.8	5.13	5.4
SR13	10/1/2019 5:35	29.18	78.5	5.52	5.6	SR13	10/1/2019 11:35	29.48	75.9	5.30	5.1	SR13	10/1/2019 17:35	29.58	79.0	5.55	6.3	SR13	10/1/2019 23:35	29.44	74.2	5.20	5.8
SR13	10/1/2019 5:40	29.18	78.2	5.49	6.6	SR13	10/1/2019 11:40	29.41	75.0	5.25	5.5	SR13	10/1/2019 17:40	29.58	79.7	5.58	6.1	SR13	10/1/2019 23:40	29.44	73.3	5.15	5.3
SR13	10/1/2019 5:45	29.18	78.3	5.51	6.1	SR13	10/1/2019 11:45	29.40	75.5	5.27	5.9	SR13	10/1/2019 17:45	29.58	79.7	5.60	5.7	SR13	10/1/2019 23:45	29.44	72.0	5.07	5.8
SR13	10/1/2019 5:50	29.18	77.9	5.47	6.2	SR13	10/1/2019 11:50	29.40	74.1	5.22	5.4	SR13	10/1/2019 17:50	29.60	80.1	5.63	5.7	SR13	10/1/2019 23:50	29.44	72.7	5.12	4.8
SR13	10/1/2019 5:55	29.18	78.7	5.50	5.6	SR13	10/1/2019 11:55	29.40	74.9	5.24	5.6	SR13	10/1/2019 17:55	29.58	79.8	5.58	5.7	SR13	10/1/2019 23:55	29.44	74.4	5.23	5.6

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	10/1/2019 0:17	0.25				SR12	10/1/2019 0:17	0.16			
SR4	10/1/2019 0:37	0.27				SR12	10/1/2019 0:37	0.15			
SR4	10/1/2019 0:57	0.25				SR12	10/1/2019 0:57	0.15			
SR4	10/1/2019 1:17	0.25				SR12	10/1/2019 1:17	0.16			
SR4	10/1/2019 1:37	0.25				SR12	10/1/2019 1:37	0.15			
SR4	10/1/2019 1:57	0.27				SR12	10/1/2019 1:57	0.15			
SR4	10/1/2019 2:17	0.26				SR12	10/1/2019 2:17	0.16			
SR4	10/1/2019 2:37	0.27				SR12	10/1/2019 2:37	0.17			
SR4	10/1/2019 2:57	0.27				SR12	10/1/2019 2:57	0.15			
SR4	10/1/2019 3:17	0.27				SR12	10/1/2019 3:17	0.16			
SR4	10/1/2019 3:37	0.26				SR12	10/1/2019 3:37	0.17			
SR4	10/1/2019 3:57	0.28				SR12	10/1/2019 3:57	0.15			
SR4	10/1/2019 4:17	0.27				SR12	10/1/2019 4:17	0.16			
SR4	10/1/2019 4:37	0.25				SR12	10/1/2019 4:37	0.16			
SR4	10/1/2019 4:57	0.21				SR12	10/1/2019 4:57	0.17			
SR4	10/1/2019 5:17	0.22				SR12	10/1/2019 5:17	0.15			
SR4	10/1/2019 5:37	0.22				SR12	10/1/2019 5:37	0.17			
SR4	10/1/2019 5:57	0.23				SR12	10/1/2019 5:57	0.17			
SR4						SR12					
SR4	10/1/2019 6:37	0.21				SR12	10/1/2019 6:37	0.16			
SR4	10/1/2019 6:57	0.23				SR12	10/1/2019 6:57	0.15			
SR4	10/1/2019 7:17	0.23				SR12	10/1/2019 7:17	0.16			
SR4	10/1/2019 7:37	0.22				SR12	10/1/2019 7:37	0.16			
SR4	10/1/2019 7:57	0.24				SR12	10/1/2019 7:57	0.15			
SR4	10/1/2019 8:17	0.22				SR12	10/1/2019 8:17	0.17			
SR4	10/1/2019 8:37	0.22				SR12	10/1/2019 8:37	0.15			
SR4	10/1/2019 8:57	0.22				SR12	10/1/2019 8:57	0.17			
SR4	10/1/2019 9:17	0.24				SR12	10/1/2019 9:17	0.16			
SR4	10/1/2019 9:37	0.21				SR12	10/1/2019 9:37	0.16			
SR4	10/1/2019 9:57	0.23				SR12	10/1/2019 9:57	0.16			
SR4	10/1/2019 10:17	0.22				SR12	10/1/2019 10:17	0.18			
SR4	10/1/2019 10:37	0.23				SR12	10/1/2019 10:37	0.16			
SR4	10/1/2019 10:57	0.21				SR12	10/1/2019 10:57	0.19			
SR4	10/1/2019 11:17	0.21				SR12	10/1/2019 11:17	0.17			
SR4	10/1/2019 11:37	0.21				SR12	10/1/2019 11:37	0.19			
SR4	10/1/2019 11:57	0.22				SR12	10/1/2019 11:57	0.19			
SR4	10/1/2019 12:17	0.21				SR12	10/1/2019 12:17	0.18			
SR4	10/1/2019 12:37	0.19				SR12	10/1/2019 12:37	0.16			
SR4	10/1/2019 12:57	0.19				SR12	10/1/2019 12:57	0.17			
SR4	10/1/2019 13:17	0.21				SR12	10/1/2019 13:17	0.19			
SR4	10/1/2019 13:37	0.21				SR12	10/1/2019 13:37	0.18			
SR4	10/1/2019 13:57	0.20				SR12	10/1/2019 13:57	0.18			
SR4	10/1/2019 14:17	0.19				SR12	10/1/2019 14:17	0.19			
SR4	10/1/2019 14:37	0.20				SR12	10/1/2019 14:37	0.17			
SR4	10/1/2019 14:57	0.21				SR12	10/1/2019 14:57	0.18			
SR4	10/1/2019 15:17	0.20				SR12	10/1/2019 15:17	0.19			
SR4	10/1/2019 15:37	0.21				SR12	10/1/2019 15:37	0.16			
SR4	10/1/2019 15:57	0.19				SR12	10/1/2019 15:57	0.15			
SR4	10/1/2019 16:17	0.20				SR12	10/1/2019 16:17	0.15			
SR4	10/1/2019 16:37	0.20				SR12	10/1/2019 16:37	0.15			
SR4	10/1/2019 16:57	0.19				SR12	10/1/2019 16:57	0.14			
SR4	10/1/2019 17:17	0.20				SR12	10/1/2019 17:17	0.17			
SR4	10/1/2019 17:37	0.20				SR12	10/1/2019 17:37	0.16			
SR4	10/1/2019 17:57	0.20				SR12	10/1/2019 17:57	0.15			
SR4	10/1/2019 18:17	0.20				SR12	10/1/2019 18:17	0.14			
SR4	10/1/2019 18:37	0.19				SR12	10/1/2019 18:37	0.16			
SR4	10/1/2019 18:57	0.20				SR12	10/1/2019 18:57	0.17			
SR4	10/1/2019 19:17	0.20				SR12	10/1/2019 19:17	0.14			
SR4	10/1/2019 19:37	0.20				SR12	10/1/2019 19:37	0.17			
SR4	10/1/2019 19:57	0.19				SR12	10/1/2019 19:57	0.14			
SR4	10/1/2019 20:17	0.19				SR12	10/1/2019 20:17	0.17			
SR4	10/1/2019 20:37	0.20				SR12	10/1/2019 20:37	0.15			
SR4	10/1/2019 20:57	0.21				SR12	10/1/2019 20:57	0.16			
SR4	10/1/2019 21:17	0.19				SR12	10/1/2019 21:17	0.16			
SR4	10/1/2019 21:37	0.19				SR12	10/1/2019 21:37	0.14			
SR4	10/1/2019 21:57	0.21				SR12	10/1/2019 21:57	0.15			
SR4	10/1/2019 22:17	0.20				SR12	10/1/2019 22:17	0.17			
SR4	10/1/2019 22:37	0.19				SR12	10/1/2019 22:37	0.16			
SR4	10/1/2019 22:57	0.20				SR12	10/1/2019 22:57	0.14			
SR4	10/1/2019 23:17	0.21				SR12	10/1/2019 23:17	0.15			
SR4	10/1/2019 23:37	0.21				SR12	10/1/2019 23:37	0.16			
SR4	10/1/2019 23:57	0.19				SR12	10/1/2019 23:57	0.17			

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	10/2/2019 0:01	29.27	73.2	4.83	5.6	SR4	10/2/2019 6:01	29.17	73.4	4.93	4.3	SR4						SR4	10/2/2019 18:01	29.84	76.1	5.01	4.5
SR4	10/2/2019 0:06	29.27	73.3	4.81	3.8	SR4	10/2/2019 6:06	29.16	73.4	4.92	4.0	SR4						SR4	10/2/2019 18:06	29.72	71.7	4.80	2.6
SR4	10/2/2019 0:11	29.27	73.6	4.83	3.1	SR4	10/2/2019 6:11	29.16	72.0	4.80	3.6	SR4						SR4	10/2/2019 18:11	29.79	76.2	4.98	3.8
SR4	10/2/2019 0:16	29.27	74.2	4.85	3.1	SR4	10/2/2019 6:16	29.16	71.1	4.76	4.7	SR4						SR4	10/2/2019 18:16	29.68	69.2	4.58	2.4
SR4	10/2/2019 0:21	29.26	69.8	4.65	2.4	SR4	10/2/2019 6:21	29.16	72.8	4.76	5.6	SR4						SR4	10/2/2019 18:21	29.70	77.2	5.08	3.5
SR4	10/2/2019 0:26	29.26	70.9	4.63	2.0	SR4	10/2/2019 6:26	29.15	71.9	4.82	3.5	SR4						SR4	10/2/2019 18:26	29.67	79.1	5.27	4.4
SR4	10/2/2019 0:31	29.26	71.9	4.74	3.1	SR4	10/2/2019 6:31	29.17	74.6	4.88	9.8	SR4						SR4	10/2/2019 18:31	29.64	76.9	5.10	4.0
SR4	10/2/2019 0:36	29.25	71.6	4.81	3.2	SR4	10/2/2019 6:36	29.15	70.7	4.73	2.6	SR4						SR4	10/2/2019 18:36	29.61	77.1	5.09	3.6
SR4	10/2/2019 0:41	29.25	74.1	4.88	3.7	SR4	10/2/2019 6:41	29.15	75.2	4.92	3.4	SR4						SR4	10/2/2019 18:41	29.61	76.9	5.16	4.3
SR4	10/2/2019 0:46	29.25	73.9	4.83	3.8	SR4	10/2/2019 6:46	29.19	77.6	5.14	4.5	SR4						SR4	10/2/2019 18:46	29.57	79.2	5.32	4.4
SR4	10/2/2019 0:51	29.25	77.2	5.12	4.3	SR4	10/2/2019 6:51	29.20	79.8	5.26	5.1	SR4						SR4	10/2/2019 18:51	29.55	83.6	5.47	4.8
SR4	10/2/2019 0:56	29.24	77.2	5.05	3.4	SR4	10/2/2019 6:56	29.20	79.2	5.23	4.2	SR4						SR4	10/2/2019 18:56	29.55	80.9	5.40	4.5
SR4	10/2/2019 1:01	29.24	76.6	5.12	4.3	SR4	10/2/2019 7:01	29.19	79.0	5.25	6.4	SR4						SR4	10/2/2019 19:01	29.57	83.0	5.46	4.6
SR4	10/2/2019 1:06	29.25	75.0	5.04	4.9	SR4	10/2/2019 7:06	29.20	81.4	5.35	4.5	SR4						SR4	10/2/2019 19:06	29.54	84.2	5.58	4.4
SR4	10/2/2019 1:11	29.25	76.2	5.07	3.8	SR4	10/2/2019 7:11	29.21	79.5	5.31	4.3	SR4						SR4	10/2/2019 19:11	29.55	83.7	5.49	4.1
SR4	10/2/2019 1:16	29.26	73.2	4.87	3.9	SR4	10/2/2019 7:16	29.21	79.7	5.30	4.3	SR4	10/2/2019 13:16	29.62	81.6	5.48	2.5	SR4	10/2/2019 19:16	29.57	83.0	5.46	4.6
SR4	10/2/2019 1:21	29.25	73.8	4.82	3.6	SR4	10/2/2019 7:21	29.21	81.4	5.36	4.3	SR4	10/2/2019 13:21	29.57	84.1	5.50	1.9	SR4	10/2/2019 19:21	29.55	82.5	5.50	4.6
SR4	10/2/2019 1:26	29.26	75.8	4.95	3.3	SR4	10/2/2019 7:26	29.22	82.2	5.38	5.1	SR4	10/2/2019 13:26	29.60	82.4	5.46	1.7	SR4	10/2/2019 19:26	29.52	81.8	5.48	4.5
SR4	10/2/2019 1:31	29.26	71.6	4.81	3.6	SR4	10/2/2019 7:31	29.22	82.9	5.48	4.3	SR4	10/2/2019 13:31	29.78	83.7	5.54	2.3	SR4	10/2/2019 19:31	29.53	82.7	5.53	4.0
SR4	10/2/2019 1:36	29.23	73.4	4.90	3.9	SR4	10/2/2019 7:36	29.22	84.0	5.50	5.2	SR4	10/2/2019 13:36	29.79	82.6	5.54	2.2	SR4	10/2/2019 19:36	29.56	84.1	5.60	6.6
SR4	10/2/2019 1:41	29.22	75.6	4.98	3.9	SR4	10/2/2019 7:41	29.24	83.5	5.52	7.4	SR4	10/2/2019 13:41	29.81	83.0	5.49	2.3	SR4	10/2/2019 19:41	29.55	83.3	5.53	**12.7**
SR4	10/2/2019 1:46	29.23	75.8	4.95	3.4	SR4	10/2/2019 7:46	29.25	82.1	5.52	5.1	SR4	10/2/2019 13:46	29.99	83.6	5.56	1.8	SR4	10/2/2019 19:46	29.53	84.8	5.57	4.6
SR4	10/2/2019 1:51	29.24	72.5	4.83	2.9	SR4	10/2/2019 7:51	29.25	86.6	5.68	4.1	SR4	10/2/2019 13:51	29.95	81.4	5.41	1.5	SR4	10/2/2019 19:51	29.52	83.6	5.61	4.2
SR4	10/2/2019 1:56	29.25	74.3	4.91	3.9	SR4	10/2/2019 7:56	29.26	86.5	5.69	4.6	SR4	10/2/2019 13:56	29.94	81.3	5.41	1.8	SR4	10/2/2019 19:56	29.51	85.4	5.67	4.1
SR4	10/2/2019 2:01	29.23	74.2	4.93	3.9	SR4	10/2/2019 8:01	29.27	86.3	5.74	4.4	SR4	10/2/2019 14:01	29.95	81.6	5.36	1.0	SR4	10/2/2019 20:01	29.51	86.8	5.67	4.1
SR4	10/2/2019 2:06	29.22	72.2	4.83	3.1	SR4	10/2/2019 8:06	29.27	86.2	5.68	4.7	SR4	10/2/2019 14:06	29.96	80.2	5.36	1.1	SR4	10/2/2019 20:06	29.54	75.5	5.06	4.8
SR4	10/2/2019 2:11	29.22	77.9	5.09	3.9	SR4	10/2/2019 8:11	29.29	86.9	5.72	5.2	SR4	10/2/2019 14:11	29.92	80.5	5.36	2.0	SR4	10/2/2019 20:11	29.53	79.6	5.23	4.1
SR4	10/2/2019 2:16	29.22	77.3	5.06	3.8	SR4	10/2/2019 8:16	29.28	84.9	5.70	5.2	SR4	10/2/2019 14:16	29.88	82.1	5.36	2.6	SR4	10/2/2019 20:16	29.55	76.1	5.06	3.8
SR4	10/2/2019 2:21	29.22	77.6	5.13	3.4	SR4	10/2/2019 8:21	29.29	84.3	5.58	6.3	SR4	10/2/2019 14:21	29.95	81.4	5.39	1.2	SR4	10/2/2019 20:21	29.53	77.5	5.16	3.7
SR4	10/2/2019 2:26	29.22	79.2	5.25	3.5	SR4	10/2/2019 8:26	29.30	82.3	5.53	5.5	SR4	10/2/2019 14:26	30.01	82.8	5.43	1.4	SR4	10/2/2019 20:26	29.55	78.5	5.21	4.7
SR4	10/2/2019 2:31	29.23	75.6	5.07	3.4	SR4	10/2/2019 8:31	29.32	84.1	5.51	4.8	SR4	10/2/2019 14:31	30.04	84.3	5.57	1.5	SR4	10/2/2019 20:31	29.54	80.1	5.36	5.2
SR4	10/2/2019 2:36	29.23	76.0	5.07	4.2	SR4	10/2/2019 8:36	29.32	83.3	5.53	4.8	SR4	10/2/2019 14:36	29.99	81.9	5.38	1.8	SR4	10/2/2019 20:36	29.53	83.5	5.50	5.1
SR4	10/2/2019 2:41	29.22	78.6	5.13	3.6	SR4	10/2/2019 8:41	29.26	80.7	5.40	4.3	SR4	10/2/2019 14:41	29.95	84.6	5.52	1.9	SR4	10/2/2019 20:41	29.53	82.6	5.42	4.9
SR4	10/2/2019 2:46	29.20	69.6	4.60	3.5	SR4	10/2/2019 8:46	29.26	82.5	5.40	9.1	SR4	10/2/2019 14:46	29.93	81.9	5.48	2.3	SR4	10/2/2019 20:46	29.52	82.5	5.43	7.0
SR4	10/2/2019 2:51	29.22	70.4	4.71	3.2	SR4	10/2/2019 8:51	29.30	82.1	5.52	8.5	SR4	10/2/2019 14:51	30.10	86.0	5.78	4.0	SR4	10/2/2019 20:51	29.51	81.6	5.41	6.9
SR4	10/2/2019 2:56	29.21	71.1	4.76	3.1	SR4	10/2/2019 8:56	29.28	81.4	5.46	8.4	SR4	10/2/2019 14:56	30.08	84.4	5.61	1.5	SR4	10/2/2019 20:56	29.51	78.8	5.26	5.3
SR4	10/2/2019 3:01	29.22	70.5	4.64	3.7	SR4	10/2/2019 9:01	29.29	83.5	5.46	7.3	SR4	10/2/2019 15:01	30.08	84.7	5.60	1.7	SR4	10/2/2019 21:01	29.52	75.5	5.05	4.8
SR4	10/2/2019 3:06	29.22	71.5	4.70	2.8	SR4	10/2/2019 9:06	29.28	80.7	5.42	8.5	SR4	10/2/2019 15:06	30.08	84.8	5.56	1.5	SR4	10/2/2019 21:06	29.50	77.1	5.09	4.1
SR4	10/2/2019 3:11	29.23	68.7	4.54	2.4	SR4	10/2/2019 9:11	29.30	84.4	5.53	8.9	SR4	10/2/2019 15:11	30.02	84.2	5.50	1.6	SR4	10/2/2019 21:11	29.50	79.5	5.28	5.0
SR4	10/2/2019 3:16	29.23	70.8	4.62	4.6	SR4	10/2/2019 9:16	29.32	81.2	5.45	6.6	SR4	10/2/2019 15:16	30.12	88.0	5.81	2.1	SR4	10/2/2019 21:16	29.50	81.4	5.34	6.3
SR4	10/2/2019 3:21	29.23	70.8	4.69	2.9	SR4	10/2/2019 9:21	29.31	81.2	5.46	5.3	SR4	10/2/2019 15:21	30.14	84.2	5.62	1.2	SR4	10/2/2019 21:21	29.50	80.0	5.32	6.5
SR4	10/2/2019 3:26	29.21	67.8	4.46	2.7	SR4	10/2/2019 9:26	29.30	83.2	5.48	6.0	SR4	10/2/2019 15:26	30.07	83.7	5.47	1.1	SR4	10/2/2019 21:26	29.49	78.1	5.18	5.0
SR4	10/2/2019 3:31	29.21	67.7	4.55	2.9	SR4	10/2/2019 9:31	29.31	84.2	5.50	5.5	SR4	10/2/2019 15:31	30.14	83.9	5.61	1.9	SR4	10/2/2019 21:31	29.49	80.1	5.24	5.6
SR4	10/2/2019 3:36	29.20	67.3	4.41	2.8	SR4	10/2/2019 9:36	29.32	82.2	5.50	5.0	SR4	10/2/2019 15:36	30.03	83.3	5.49	1.6	SR4	10/2/2019 21:36	29.49	78.0	5.17	4.5
SR4	10/2/2019 3:41	29.20	66.8	4.48	3.3	SR4	10/2/2019 9:41	29.28	79.8	5.36	6.3	SR4	10/2/2019 15:41	30.05	79.9	5.36	2.0	SR4	10/2/2019 21:41	29.50	76.9	5.14	3.7
SR4	10/2/2019 3:46	29.20	68.8	4.59	4.4	SR4	10/2/2019 9:46	29.31	82.5	5.41	4.7	SR4	10/2/2019 15:46	29.99	79.4	5.28	2.2	SR4	10/2/2019 21:46	29.50	76.9	5.14	3.8
SR4	10/2/2019 3:51	29.20	67.5	4.49	2.4	SR4	10/2/2019 9:51	29.30	80.5	5.41	6.4	SR4	10/2/2019 15:51	30.15	83.5	5.59	1.4	SR4	10/2/2019 21:51	29.49	78.7	5.18	7.7
SR4	10/2/2019 3:56	29.24	69.6	4.57	4.2	SR4	10/2/2019 9:56	29.30	80.7	5.34	5.5	SR4	10/2/2019 15:56	30.07	81.5	5.39	1.4	SR4	10/2/2019 21:56	29.50	76.5	5.12	6.3
SR4	10/2/2019 4:01	29.24	69.5	4.59	5.5	SR4	10/2/2019 10:01	29.29	78.5	5.20	5.3	SR4	10/2/2019 16:01	30.18	80.5	5.29	0.9	SR4	10/2/2019 22:01	29.50	72.3	4.85	3.5
SR4	10/2/2019 4:06	29.23	66.6	4.41	4.4	SR4	10/2/2019 10:06	29.31	80.7	5.29	6.6	SR4	10/2/2019 16:06	30.18	77.1	5.12	0.9	SR4	10/2/2019 22:06	29.49	74.7	4.99	5.9
SR4	10/2/2019 4:11	29.24	71.4	4.75	5.2	SR4	10/2/2019 10:11	29.29	80.6	5.29	5.4	SR4	10/2/2019 16:11	30.19	79.1	5.23	3.9	SR4	10/2/2019 22:11	29.48	74.9	5.03	6.8
SR4	10/2/2019 4:16	29.25	71.7	4.77	6.6	SR4	10/2/2019 10:16	29.28	77.6	5.14	5.9	SR4	10/2/2019 16:16	30.18	81.3	5.34	1.5	SR4	10/2/2019 22:16	29.48	75.4	4.94	5.1
SR4	10/2/2019 4:21	29.25	72.5	4.77	5.6	SR4	10/2/2019 10:21	29.34	79.5	5.28	6.1	SR4	10/2/2019 16:21	30.15	81.4	5.35	1.5	SR4	10/2/2019 22:21	29.49	74.7	4.95	6.8
SR4	10/2/2019 4:26	29.24	71.5	4.71	4.0	SR4	10/2/2019 10:26	29.41	82.0	5.51	4.6	SR4	10/2/2019 16:26	30.06	81.8	5.41	1.5	SR4	10/2/2019 22:26	29.48	75.6	5.01	6.9
SR4	10/2/2019 4:31	29.25	69.3	4.62	4.3	SR4	10/2/2019 10:31	29.35	79.8	5.35	5.8	SR4	10/2/2019 16:31	30.08	78.6	5.27	1.4	SR4	10/2/2019 22:31	29.47	75.9	4.98	6.5
SR4	10/2/2019 4:36	29.25	71.0	4.71	4.8	SR4	10/2/2019 10:36	29.35	79.5	5.25	6.0	SR4	10/2/2019 16:36	30.09	77.1	5.17	1.7	SR4	10/2/2019 22:36	29.47	74.6	5.01	6.5
SR4	10/2/2019 4:41	29.24	72.2	4.74	4.0	SR4	10/2/2019 10:41	29.30	77.7	5.17	7.1	SR4	10/2/2019 16:41	29.99	79.3	5.25	1.3	SR4	10/2/2019 22:41	29.46	78.0	5.10	6.6
SR4	10/2/2019 4:46	29.24	71.8	4.79	4.6	SR4	10/2/2019 10:46	29.31	79.8	5.24	4.9	SR4	10/2/2019 16:46	29.90	75.5	5.06	2.1	SR4	10/2/2019 22:46	29.46	76.4	5.03	6.5
SR4	10/2/2019 4:51	29.23	72.6	4.75	4.6	SR4	10/2/2019 10:51	29.32	78.4	5.21	5.2	SR4	10/2/2019 16:51	29.77	73.4	4.79	4.1	SR4	10/2/2019 22:51	29.45	76.0	5.01	5.1
SR4	10/2/2019 4:56	29.24	70.1	4.62	3.8	SR4	10/2/2019 10:56	29.31	78.3	5.19	5.0	SR4	10/2/2019 16:56	29.74	72.9	4.81	4.2	SR4	10/2/2019 22:56	29.45	73.7	4.95	6.3
SR4	10/2/2019 5:01	29.24	68.8	4.61	3.9	SR4	10/2/2019 11:01	29.34	78.6	5.28	7.1	SR4	10/2/2019 17:01	29.77	73.8	4.88	6.3	SR4	10/2/2019 23:01	29.44	73.6	4.85	5.9
SR4	10/2/2019 5:06	29.21	70.7	4.68	3.6	SR4	10/2/2019 11:06	29.31	76.4	5.03	5.1	SR4	10/2/2019 17:06	29.87	77.0	5.06	1.6	SR4	10/2/2019 23:06	29.44	74.5	4.92	4.6
SR4	10/2/2019 5:11	29.21	72.5	4.76	2.9	SR4	10/2/2019 11:11	29.32	80.1	5.24	6.2	SR4	10/2/2019 17:11	29.84	74.8	4.96	1.6	SR4	10/2/2019 23:11	29.44	73.4	4.83	4.3
SR4	10/2/2019 5:16	29.22	69.3	4.54	2.9	SR4	10/2/2019 11:16	29.37	80.4	5.29	6.1	SR4	10/2/2019 17:16	29.84	72.3	4.72	0.9	SR4	10/2/2019 23:16	29.44	72.6	4.83	5.3
SR4	10/2/2019 5:21	29.21	75.5	4.96	**17.8**	SR4	10/2/2019 11:21	29.40	80.8	5.42	4.1	SR4	10/2/2019 17:21	29.92	70.6	4.71	2.4	SR4	10/2/2019 23:21	29.44	72.8	4.80	5.6
SR4	10/2/2019 5:26	29.22	75.9	5.03	5.4	SR4	10/2/2019 11:26	29.33	78.5	5.24	7.0	SR4	10/2/2019 17:26	29.89	69.6	4.63	2.1	SR4	10/2/2019 23:26	29.43	74.5	4.88	5.1
SR4	10/2/2019 5:31	29.22	76.2	5.03	5.2	SR4	10/2/2019 11:31	29.39	79.6	5.24	4.1	SR4	10/2/2019 17:31	29.78	60.0	4.00	1.9	SR4	10/2/2019 23:31	29.43	73.5	4.80	3.1
SR4	10/2/2019 5:36	29.22	74.2	4.94	4.6	SR4	10/2/2019 11:36	29.38	79.8	5.27	4.1	SR4	10/2/2019 17:36	29.92	68.5	4.47	2.6	SR4	10/2/2019 23:36	29.44	74.7	5.01	4.9
SR4	10/2/2019 5:41	29.16	72.4	4.80	3.6	SR4	10/2/2019 11:41	29.47	82.8	5.47	2.7	SR4	10/2/2019 17:41	29.86	72.3	4.72	3.1	SR4	10/2/2019 23:41	29.43	76.8	5.15	**37.3**
SR4	10/2/2019 5:46	29.15	74.3	4.85	7.5	SR4	10/2/2019 11:46	29.52	83.5	5.53	7.2	SR4	10/2/2019 17:46	29.83	69.4	4.60	2.3	SR4	10/2/2019 23:46	29.44	76.5	5.13	4.2
SR4	10/2/2019 5:51	29.17	74.3	4.97	8.0	SR4	10/2/2019 11:51	29.50	83.8	5.52	3.7	SR4	10/2/2019 17:51	29.88	71.6	4.75	2.7	SR4	10/2/2019 23:51	29.43	78.3	5.18	4.2
SR4	10/2/2019 5:56	29.17	75.0	4.96	5.8	SR4	10/2/2019 11:56	29.52	85.3	5.62	3.1	SR4	10/2/2019 17:56	29.87	78.1	5.10	3.3	SR4	10/2/2019 23:56	29.43	78.5	5.16	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	10/2/2019 0:00	29.30	78.6	5.31	5.5	SR5	10/2/2019 6:00	29.51	79.8	5.42	5.4	SR5	10/2/2019 12:00	29.36	77.0	5.24	5.9	SR5	10/2/2019 18:00	29.94	87.4	5.55	7.6
SR5	10/2/2019 0:05	29.30	78.2	5.27	5.3	SR5	10/2/2019 6:05	29.52	79.5	5.39	5.2	SR5	10/2/2019 12:05	29.39	76.6	5.18	5.0	SR5	10/2/2019 18:05	29.95	87.4	5.55	7.1
SR5	10/2/2019 0:10	29.30	77.7	5.26	6.0	SR5	10/2/2019 6:10	29.51	79.4	5.35	6.0	SR5	10/2/2019 12:10	29.38	77.0	5.23	6.7	SR5	10/2/2019 18:10	29.93	87.4	5.56	6.5
SR5	10/2/2019 0:15	29.30	77.1	5.19	5.9	SR5	10/2/2019 6:15	29.51	79.5	5.34	5.9	SR5	10/2/2019 12:15	29.37	77.3	5.21	5.8	SR5	10/2/2019 18:15	29.90	86.9	5.53	6.7
SR5	10/2/2019 0:20	29.30	77.6	5.25	6.1	SR5	10/2/2019 6:20	29.51	79.3	5.37	5.5	SR5	10/2/2019 12:20	29.36	77.4	5.24	5.4	SR5	10/2/2019 18:20	29.91	87.0	5.54	7.3
SR5	10/2/2019 0:25	29.30	77.5	5.25	5.8	SR5	10/2/2019 6:25	29.50	79.0	5.34	6.4	SR5	10/2/2019 12:25	29.37	77.0	5.21	5.9	SR5	10/2/2019 18:25	29.89	86.8	5.52	6.9
SR5	10/2/2019 0:30	29.30	78.9	5.33	5.2	SR5	10/2/2019 6:30	29.50	79.0	5.33	7.7	SR5	10/2/2019 12:30	29.36	77.0	5.24	5.8	SR5	10/2/2019 18:30	29.86	87.0	5.54	6.9
SR5	10/2/2019 0:35	29.28	78.9	5.31	6.8	SR5	10/2/2019 6:35	29.50	78.9	5.33	6.8	SR5	10/2/2019 12:35	29.57	77.8	5.26	7.5	SR5	10/2/2019 18:35	29.86	86.7	5.52	6.5
SR5	10/2/2019 0:40	29.32	79.1	5.36	5.4	SR5	10/2/2019 6:40	29.50	79.0	5.35	8.6	SR5	10/2/2019 12:40	29.63	79.3	5.37	5.9	SR5	10/2/2019 18:40	29.86	86.6	5.51	7.5
SR5	10/2/2019 0:45	29.32	78.8	5.34	5.6	SR5	10/2/2019 6:45	29.50	78.8	5.32	7.9	SR5	10/2/2019 12:45	29.57	79.0	5.35	4.5	SR5	10/2/2019 18:45	29.86	86.4	5.50	5.6
SR5	10/2/2019 0:50	29.32	78.6	5.32	6.4	SR5	10/2/2019 6:50	29.49	78.8	5.32	5.6	SR5	10/2/2019 12:50	29.54	78.8	5.33	6.2	SR5	10/2/2019 18:50	29.86	85.6	5.45	6.9
SR5	10/2/2019 0:55	29.32	78.8	5.33	5.4	SR5	10/2/2019 6:55	29.49	79.0	5.35	7.3	SR5	10/2/2019 12:55	29.52	79.0	5.37	5.8	SR5	10/2/2019 18:55	29.86	85.6	5.45	6.7
SR5	10/2/2019 1:00	29.33	79.7	5.40	5.2	SR5	10/2/2019 7:00	29.49	78.7	5.35	5.5	SR5	10/2/2019 13:00	29.52	79.1	5.35	6.0	SR5	10/2/2019 19:00	29.86	86.2	5.49	7.3
SR5	10/2/2019 1:05	29.33	80.3	5.45	5.2	SR5	10/2/2019 7:05	29.49	78.9	5.34	6.2	SR5	10/2/2019 13:05	29.55	79.1	5.34	5.8	SR5	10/2/2019 19:05	29.87	85.6	5.45	6.3
SR5	10/2/2019 1:10	29.33	80.5	5.43	5.7	SR5	10/2/2019 7:10	29.49	78.5	5.33	6.5	SR5	10/2/2019 13:10	29.53	79.0	5.36	6.4	SR5	10/2/2019 19:10	29.87	86.4	5.50	7.2
SR5	10/2/2019 1:15	29.33	80.0	5.43	6.2	SR5	10/2/2019 7:15	29.49	78.8	5.35	5.7	SR5	10/2/2019 13:15	29.54	79.3	5.36	6.8	SR5	10/2/2019 19:15	29.86	86.0	5.48	6.9
SR5	10/2/2019 1:20	29.33	79.9	5.38	5.6	SR5	10/2/2019 7:20	29.49	79.3	5.39	6.6	SR5	10/2/2019 13:20	29.54	78.8	5.35	6.7	SR5	10/2/2019 19:20	29.85	86.4	5.50	5.6
SR5	10/2/2019 1:25	29.33	80.1	5.42	6.1	SR5	10/2/2019 7:25	29.49	79.6	5.39	5.9	SR5	10/2/2019 13:25	29.55	78.6	5.29	6.5	SR5	10/2/2019 19:25	29.85	85.9	5.47	6.0
SR5	10/2/2019 1:30	29.34	80.2	5.42	5.7	SR5	10/2/2019 7:30	29.49	79.7	5.38	6.1	SR5	10/2/2019 13:30	29.66	79.4	5.36	5.7	SR5	10/2/2019 19:30	29.84	84.9	5.41	7.7
SR5	10/2/2019 1:35	29.34	79.8	5.38	6.1	SR5	10/2/2019 7:35	29.49	79.9	5.40	7.3	SR5	10/2/2019 13:35	29.59	78.7	5.32	7.2	SR5	10/2/2019 19:35	29.84	85.2	5.42	5.7
SR5	10/2/2019 1:40	29.34	79.7	5.36	4.6	SR5	10/2/2019 7:40	29.49	79.7	5.39	5.4	SR5	10/2/2019 13:40	29.67	78.8	5.34	6.2	SR5	10/2/2019 19:40	29.83	84.6	5.39	6.2
SR5	10/2/2019 1:45	29.35	80.2	5.44	5.8	SR5	10/2/2019 7:45	29.49	79.5	5.40	4.7	SR5	10/2/2019 13:45	29.67	79.0	5.34	6.6	SR5	10/2/2019 19:45	29.83	84.7	5.39	6.5
SR5	10/2/2019 1:50	29.36	79.9	5.38	5.9	SR5	10/2/2019 7:50	29.48	79.4	5.38	6.2	SR5	10/2/2019 13:50	29.67	79.5	5.39	6.8	SR5	10/2/2019 19:50	29.82	84.5	5.38	6.4
SR5	10/2/2019 1:55	29.36	79.8	5.40	5.8	SR5	10/2/2019 7:55	29.49	80.1	5.44	5.9	SR5	10/2/2019 13:55	29.68	79.7	5.38	6.3	SR5	10/2/2019 19:55	29.83	83.9	5.35	6.6
SR5	10/2/2019 2:00	29.37	79.5	5.35	6.6	SR5	10/2/2019 8:00	29.48	80.0	5.43	6.7	SR5	10/2/2019 14:00	29.67	79.7	5.37	7.3	SR5	10/2/2019 20:00	29.82	84.2	5.36	7.5
SR5	10/2/2019 2:05	29.37	79.5	5.38	4.2	SR5	10/2/2019 8:05	29.49	80.3	5.45	6.3	SR5	10/2/2019 14:05	29.66	79.6	5.37	7.1	SR5	10/2/2019 20:05	29.83	84.8	5.40	6.5
SR5	10/2/2019 2:10	29.37	79.3	5.36	6.3	SR5	10/2/2019 8:10	29.49	80.6	5.46	5.4	SR5	10/2/2019 14:10	29.64	79.6	5.38	6.7	SR5	10/2/2019 20:10	29.83	84.4	5.37	5.5
SR5	10/2/2019 2:15	29.36	79.2	5.36	5.6	SR5	10/2/2019 8:15	29.49	80.3	5.46	6.3	SR5	10/2/2019 14:15	29.69	79.8	5.41	6.9	SR5	10/2/2019 20:15	29.87	85.0	5.40	6.5
SR5	10/2/2019 2:20	29.34	79.1	5.31	5.0	SR5	10/2/2019 8:20	29.49	80.5	5.45	6.9	SR5	10/2/2019 14:20	29.69	79.4	5.38	6.1	SR5	10/2/2019 20:20	29.83	84.7	5.39	6.2
SR5	10/2/2019 2:25	29.35	79.3	5.35	5.9	SR5	10/2/2019 8:25	29.48	80.3	5.47	6.3	SR5	10/2/2019 14:25	29.70	78.9	5.32	6.5	SR5	10/2/2019 20:25	29.83	84.8	5.40	5.9
SR5	10/2/2019 2:30	29.33	79.7	5.39	5.9	SR5	10/2/2019 8:30	29.50	80.5	5.46	6.5	SR5	10/2/2019 14:30	29.68	79.1	5.34	7.9	SR5	10/2/2019 20:30	29.82	84.0	5.35	7.3
SR5	10/2/2019 2:35	29.33	79.8	5.40	5.1	SR5	10/2/2019 8:35	29.49	80.0	5.39	5.0	SR5	10/2/2019 14:35	29.67	79.0	5.35	5.8	SR5	10/2/2019 20:35	29.81	83.2	5.29	5.4
SR5	10/2/2019 2:40	29.33	80.6	5.45	5.8	SR5	10/2/2019 8:40	29.50	79.8	5.41	6.1	SR5	10/2/2019 14:40	29.69	78.8	5.33	6.7	SR5	10/2/2019 20:40	29.80	83.9	5.34	5.6
SR5	10/2/2019 2:45	29.34	80.4	5.44	5.9	SR5	10/2/2019 8:45	29.50	79.3	5.39	6.4	SR5	10/2/2019 14:45	29.69	78.5	5.33	5.0	SR5	10/2/2019 20:45	29.78	83.4	5.31	6.5
SR5	10/2/2019 2:50	29.36	80.8	5.48	4.9	SR5	10/2/2019 8:50	29.51	79.1	5.36	5.2	SR5	10/2/2019 14:50	29.65	78.6	5.30	5.9	SR5	10/2/2019 20:50	29.78	82.5	5.25	6.4
SR5	10/2/2019 2:55	29.35	81.1	5.51	5.7	SR5	10/2/2019 8:55	29.50	79.0	5.33	6.6	SR5	10/2/2019 14:55	29.67	78.6	5.29	5.0	SR5	10/2/2019 20:55	29.76	82.5	5.25	6.9
SR5	10/2/2019 3:00	29.36	80.5	5.46	6.7	SR5	10/2/2019 9:00	29.50	78.8	5.33	7.5	SR5	10/2/2019 15:00	29.72	79.4	5.38	7.4	SR5	10/2/2019 21:00	29.77	82.5	5.25	7.3
SR5	10/2/2019 3:05	29.37	80.9	5.46	5.2	SR5	10/2/2019 9:05	29.51	78.6	5.30	7.2	SR5	10/2/2019 15:05	29.71	79.0	5.32	7.2	SR5	10/2/2019 21:05	29.76	82.2	5.23	6.8
SR5	10/2/2019 3:10	29.36	80.4	5.42	5.5	SR5	10/2/2019 9:10	29.53	78.7	5.32	5.4	SR5	10/2/2019 15:10	29.74	78.8	5.34	5.5	SR5	10/2/2019 21:10	29.78	81.9	5.22	6.6
SR5	10/2/2019 3:15	29.33	81.3	5.52	4.6	SR5	10/2/2019 9:15	29.52	78.7	5.36	5.6	SR5	10/2/2019 15:15	29.79	79.4	5.36	7.0	SR5	10/2/2019 21:15	29.77	82.4	5.25	5.8
SR5	10/2/2019 3:20	29.33	80.8	5.46	5.9	SR5	10/2/2019 9:20	29.52	79.2	5.36	5.8	SR5	10/2/2019 15:20	29.87	83.6	5.29	7.3	SR5	10/2/2019 21:20	29.76	78.5	5.32	5.8
SR5	10/2/2019 3:25	29.33	81.0	5.47	4.6	SR5	10/2/2019 9:25	29.50	79.6	5.41	6.7	SR5	10/2/2019 15:25	29.87	83.5	5.29	5.4	SR5	10/2/2019 21:25	29.75	78.2	5.30	6.5
SR5	10/2/2019 3:30	29.33	81.1	5.50	5.2	SR5	10/2/2019 9:30	29.55	79.5	5.38	7.6	SR5	10/2/2019 15:30	29.91	84.1	5.32	7.0	SR5	10/2/2019 21:30	29.73	77.9	5.25	6.3
SR5	10/2/2019 3:35	29.35	81.7	5.54	5.7	SR5	10/2/2019 9:35	29.50	79.5	5.39	5.1	SR5	10/2/2019 15:35	29.92	83.7	5.29	6.5	SR5	10/2/2019 21:35	29.69	77.6	5.22	7.2
SR5	10/2/2019 3:40	29.35	80.8	5.45	6.4	SR5	10/2/2019 9:40	29.49	79.1	5.35	7.5	SR5	10/2/2019 15:40	30.02	85.6	5.41	7.0	SR5	10/2/2019 21:40	29.67	77.9	5.30	6.5
SR5	10/2/2019 3:45	29.35	81.2	5.49	6.7	SR5	10/2/2019 9:45	29.55	78.6	5.31	6.7	SR5	10/2/2019 15:45	29.97	84.7	5.35	7.1	SR5	10/2/2019 21:45	29.68	77.7	5.25	6.4
SR5	10/2/2019 3:50	29.36	81.2	5.48	5.4	SR5	10/2/2019 9:50	29.51	79.4	5.36	7.4	SR5	10/2/2019 15:50	29.96	84.7	5.36	6.1	SR5	10/2/2019 21:50	29.66	77.6	5.24	6.8
SR5	10/2/2019 3:55	29.39	80.6	5.47	6.0	SR5	10/2/2019 9:55	29.56	78.4	5.33	9.5	SR5	10/2/2019 15:55	29.93	84.1	5.32	6.4	SR5	10/2/2019 21:55	29.62	77.4	5.26	6.8
SR5	10/2/2019 4:00	29.39	81.3	5.49	4.9	SR5	10/2/2019 10:00	29.55	78.7	5.35	6.7	SR5	10/2/2019 16:00	29.92	84.1	5.32	6.3	SR5	10/2/2019 22:00	29.58	76.0	5.28	7.0
SR5	10/2/2019 4:05	29.40	80.7	5.47	5.5	SR5	10/2/2019 10:05	29.57	78.8	5.35	6.7	SR5	10/2/2019 16:05	29.92	84.4	5.34	6.3	SR5	10/2/2019 22:05	29.58	75.9	5.30	7.3
SR5	10/2/2019 4:10	29.40	80.4	5.44	5.7	SR5	10/2/2019 10:10	29.54	78.7	5.33	5.1	SR5	10/2/2019 16:10	29.97	85.5	5.41	6.2	SR5	10/2/2019 22:10	29.57	75.7	5.25	6.5
SR5	10/2/2019 4:15	29.40	81.0	5.49	5.6	SR5	10/2/2019 10:15	29.51	78.7	5.32	6.8	SR5	10/2/2019 16:15	29.98	85.5	5.41	6.2	SR5	10/2/2019 22:15	29.57	75.7	5.32	6.3
SR5	10/2/2019 4:20	29.42	81.0	5.47	4.3	SR5	10/2/2019 10:20	29.51	78.2	5.31	7.0	SR5	10/2/2019 16:20	29.97	85.4	5.41	6.4	SR5	10/2/2019 22:20	29.58	76.2	5.28	7.3
SR5	10/2/2019 4:25	29.44	80.8	5.49	5.6	SR5	10/2/2019 10:25	29.47	78.1	5.26	4.9	SR5	10/2/2019 16:25	29.91	84.7	5.37	5.6	SR5	10/2/2019 22:25	29.58	76.3	5.35	6.7
SR5	10/2/2019 4:30	29.45	80.5	5.45	4.8	SR5	10/2/2019 10:30	29.49	78.5	5.32	7.3	SR5	10/2/2019 16:30	30.03	86.4	5.47	5.6	SR5	10/2/2019 22:30	29.55	76.3	5.31	7.1
SR5	10/2/2019 4:35	29.45	81.1	5.47	5.3	SR5	10/2/2019 10:35	29.45	78.7	5.30	6.9	SR5	10/2/2019 16:35	30.07	87.3	5.53	6.3	SR5	10/2/2019 22:35	29.56	75.7	5.26	5.9
SR5	10/2/2019 4:40	29.46	80.3	5.45	5.7	SR5	10/2/2019 10:40	29.50	78.6	5.32	6.6	SR5	10/2/2019 16:40	30.02	86.7	5.49	6.6	SR5	10/2/2019 22:40	29.54	75.1	5.24	6.8
SR5	10/2/2019 4:45	29.46	80.3	5.42	4.6	SR5	10/2/2019 10:45	29.49	78.3	5.32	7.7	SR5	10/2/2019 16:45	30.04	86.7	5.49	6.2	SR5	10/2/2019 22:45	29.56	74.5	5.27	6.8
SR5	10/2/2019 4:50	29.47	80.4	5.41	6.3	SR5	10/2/2019 10:50	29.51	78.1	5.30	5.2	SR5	10/2/2019 16:50	30.12	88.7	5.61	7.6	SR5	10/2/2019 22:50	29.52	73.6	5.22	6.2
SR5	10/2/2019 4:55	29.49	80.7	5.45	3.9	SR5	10/2/2019 10:55	29.47	78.4	5.30	7.0	SR5	10/2/2019 16:55	30.16	89.0	5.63	7.5	SR5	10/2/2019 22:55	29.50	73.1	5.25	6.2
SR5	10/2/2019 5:00	29.49	80.7	5.45	6.7	SR5	10/2/2019 11:00	29.48	78.4	5.31	6.9	SR5	10/2/2019 17:00	30.09	87.9	5.56	5.5	SR5	10/2/2019 23:00	29.48	74.1	5.26	6.3
SR5	10/2/2019 5:05	29.52	80.5	5.42	5.7	SR5	10/2/2019 11:05	29.46	78.4	5.31	7.2	SR5	10/2/2019 17:05	30.07	87.7	5.55	5.2	SR5	10/2/2019 23:05	29.47	74.0	5.25	6.8
SR5	10/2/2019 5:10	29.52	80.7	5.43	5.9	SR5	10/2/2019 11:10	29.43	77.9	5.29	5.4	SR5	10/2/2019 17:10	30.10	87.9	5.56	5.8	SR5	10/2/2019 23:10	29.47	73.7	5.21	6.0
SR5	10/2/2019 5:15	29.51	80.2	5.44	6.0	SR5	10/2/2019 11:15	29.45	77.4	5.22	6.2	SR5	10/2/2019 17:15	30.10	87.2	5.52	7.1	SR5	10/2/2019 23:15	29.47	73.3	5.20	7.3
SR5	10/2/2019 5:20	29.51	79.3	5.36	6.3	SR5	10/2/2019 11:20	29.46	77.4	5.24	6.0	SR5	10/2/2019 17:20	30.06	87.6	5.55	6.2	SR5	10/2/2019 23:20	29.46	73.4	5.22	7.3
SR5	10/2/2019 5:25	29.51	80.3	5.45	5.6	SR5	10/2/2019 11:25	29.43	77.3	5.21	5.2	SR5	10/2/2019 17:25	30.06	87.6	5.55	7.4	SR5	10/2/2019 23:25	29.47	73.5	5.25	6.3
SR5	10/2/2019 5:30	29.53	80.3	5.43	5.2	SR5	10/2/2019 11:30	29.42	77.4	5.27	6.4	SR5	10/2/2019 17:30	30.11	89.3	5.65	5.8	SR5	10/2/2019 23:30	29.46	73.4	5.21	7.0
SR5	10/2/2019 5:35	29.52	80.6	5.43	5.1	SR5	10/2/2019 11:35	29.39	77.4	5.27	7.2	SR5	10/2/2019 17:35	30.09	88.3	5.59	7.2	SR5	10/2/2019 23:35	29.47	73.2	5.21	6.7
SR5	10/2/2019 5:40	29.53	80.2	5.39	5.8	SR5	10/2/2019 11:40	29.38	77.2	5.24	5.7	SR5	10/2/2019 17:40	30.08	88.7	5.62	8.0	SR5	10/2/2019 23:40	29.48	75.5	5.33	6.7
SR5	10/2/2019 5:45	29.51	80.3	5.42	6.2	SR5	10/2/2019 11:45	29.37	77.6	5.43	4.9	SR5	10/2/2019 17:45	30.06	88.6	5.62	7.3	SR5	10/2/2019 23:45	29.46	75.4	5.32	6.8
SR5	10/2/2019 5:50	29.51	80.4	5.40	5.5	SR5	10/2/2019 11:50	29.37	77.5	5.40	4.3	SR5	10/2/2019 17:50	30.00	88.0	5.58	5.9	SR5	10/2/2019 23:50	29.45	75.0	5.29	7.3
SR5	10/2/2019 5:55	29.51	79.9	5.40	5.7	SR5	10/2/2019 11:55	29.36	77.9	5.40	6.5	SR5	10/2/2019 17:55	29.97	87.7	5.57	6.2	SR5	10/2/2019 23:55	29.44	75.3	5.31	6.8

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	10/2/2019 0:01	29.32	72.3	4.84	5.6	SR12	10/2/2019 6:01	29.27	80.5	5.41	6.7	SR12	10/2/2019 12:01	29.37	75.8	5.05	6.3	SR12	10/2/2019 18:01	29.45	82.3	5.49	6.1
SR12	10/2/2019 0:06	29.32	72.0	4.81	6.0	SR12	10/2/2019 6:06	29.26	80.2	5.37	6.5	SR12	10/2/2019 12:06	29.43	76.7	5.11	5.5	SR12	10/2/2019 18:06	29.46	82.5	5.55	9.9
SR12	10/2/2019 0:11	29.32	70.7	4.76	5.8	SR12	10/2/2019 6:11	29.28	80.2	5.36	7.4	SR12	10/2/2019 12:11	29.67	77.6	5.20	4.9	SR12	10/2/2019 18:11	29.46	82.4	5.52	5.7
SR12	10/2/2019 0:16	29.32	72.3	4.84	6.3	SR12	10/2/2019 6:16	29.28	79.5	5.33	6.8	SR12	10/2/2019 12:16	29.51	77.3	5.17	5.3	SR12	10/2/2019 18:16	29.48	83.5	5.61	5.5
SR12	10/2/2019 0:21	29.32	72.6	4.84	6.3	SR12	10/2/2019 6:21	29.27	79.5	5.33	6.6	SR12	10/2/2019 12:21	29.46	77.8	5.20	**11.4**	SR12	10/2/2019 18:21	29.47	84.0	5.64	5.5
SR12	10/2/2019 0:26	29.32	72.3	4.85	5.8	SR12	10/2/2019 6:26	29.27	80.4	5.35	7.0	SR12	10/2/2019 12:26	29.52	78.3	5.24	4.6	SR12	10/2/2019 18:26	29.46	83.9	5.63	5.6
SR12	10/2/2019 0:31	29.32	72.7	4.84	6.3	SR12	10/2/2019 6:31	29.27	79.2	5.28	6.5	SR12	10/2/2019 12:31	29.51	78.3	5.24	4.9	SR12	10/2/2019 18:31	29.47	83.9	5.63	5.5
SR12	10/2/2019 0:36	29.31	71.9	4.83	6.0	SR12	10/2/2019 6:36	29.28	79.0	5.28	6.4	SR12	10/2/2019 12:36	29.53	77.2	5.16	4.1	SR12	10/2/2019 18:36	29.48	84.0	5.64	5.7
SR12	10/2/2019 0:41	29.30	74.1	4.95	5.0	SR12	10/2/2019 6:41	29.28	79.3	5.31	6.7	SR12	10/2/2019 12:41	29.55	75.9	5.11	4.1	SR12	10/2/2019 18:41	29.48	85.9	5.72	5.5
SR12	10/2/2019 0:46	29.31	74.5	4.99	5.1	SR12	10/2/2019 6:46	29.28	78.6	5.25	6.3	SR12	10/2/2019 12:46	29.53	76.4	5.09	4.2	SR12	10/2/2019 18:46	29.48	85.8	5.71	5.3
SR12	10/2/2019 0:51	29.31	73.9	4.93	5.2	SR12	10/2/2019 6:51	29.27	78.8	5.25	6.0	SR12	10/2/2019 12:51	29.48	76.1	5.12	4.8	SR12	10/2/2019 18:51	29.48	85.2	5.68	5.1
SR12	10/2/2019 0:56	29.31	74.4	4.97	5.4	SR12	10/2/2019 6:56	29.26	81.0	5.39	5.5	SR12	10/2/2019 12:56	29.43	76.8	5.12	5.1	SR12	10/2/2019 18:56	29.48	84.2	5.65	5.3
SR12	10/2/2019 1:01	29.31	74.3	4.97	5.5	SR12	10/2/2019 7:01	29.26	80.4	5.37	5.5	SR12	10/2/2019 13:01	29.44	75.8	5.05	6.1	SR12	10/2/2019 19:01	29.50	85.0	5.71	5.4
SR12	10/2/2019 1:06	29.31	72.9	4.89	5.0	SR12	10/2/2019 7:06	29.27	80.7	5.39	5.5	SR12	10/2/2019 13:06	29.53	77.3	5.15	4.4	SR12	10/2/2019 19:06	29.50	84.9	5.69	5.3
SR12	10/2/2019 1:11	29.31	72.8	4.87	5.5	SR12	10/2/2019 7:11	29.27	80.1	5.37	5.5	SR12	10/2/2019 13:11	29.79	78.7	5.27	4.0	SR12	10/2/2019 19:11	29.51	84.9	5.67	5.2
SR12	10/2/2019 1:16	29.31	73.1	4.91	5.1	SR12	10/2/2019 7:16	29.27	81.4	5.44	5.7	SR12	10/2/2019 13:16	29.72	78.3	5.25	3.9	SR12	10/2/2019 19:16	29.53	85.2	5.68	5.1
SR12	10/2/2019 1:21	29.32	74.2	4.95	5.5	SR12	10/2/2019 7:21	29.27	81.2	5.41	6.0	SR12	10/2/2019 13:21	29.66	78.2	5.23	5.5	SR12	10/2/2019 19:21	29.54	85.2	5.69	5.6
SR12	10/2/2019 1:26	29.32	74.5	4.99	5.1	SR12	10/2/2019 7:26	29.28	79.9	5.36	6.6	SR12	10/2/2019 13:26	29.65	78.1	5.24	4.9	SR12	10/2/2019 19:26	29.52	83.7	5.63	5.0
SR12	10/2/2019 1:31	29.32	74.8	5.00	5.6	SR12	10/2/2019 7:31	29.28	79.3	5.33	8.2	SR12	10/2/2019 13:31	29.60	76.6	5.15	5.1	SR12	10/2/2019 19:31	29.52	84.3	5.64	5.4
SR12	10/2/2019 1:36	29.32	74.6	5.00	5.6	SR12	10/2/2019 7:36	29.28	78.8	5.29	9.8	SR12	10/2/2019 13:36	29.67	78.9	5.27	4.5	SR12	10/2/2019 19:36	29.52	83.4	5.57	6.5
SR12	10/2/2019 1:41	29.32	73.9	4.95	5.5	SR12	10/2/2019 7:41	29.28	80.1	5.33	7.7	SR12	10/2/2019 13:41	29.63	79.2	5.32	4.9	SR12	10/2/2019 19:41	29.51	83.3	5.57	6.0
SR12	10/2/2019 1:46	29.32	74.6	4.97	5.5	SR12	10/2/2019 7:46	29.28	79.4	5.32	6.8	SR12	10/2/2019 13:46	29.62	78.7	5.29	4.6	SR12	10/2/2019 19:46	29.50	83.7	5.59	5.9
SR12	10/2/2019 1:51	29.32	73.7	4.96	5.6	SR12	10/2/2019 7:51	29.29	79.9	5.32	7.8	SR12	10/2/2019 13:51	29.61	78.4	5.27	4.6	SR12	10/2/2019 19:51	29.50	81.9	5.51	5.7
SR12	10/2/2019 1:56	29.31	73.2	4.89	5.0	SR12	10/2/2019 7:56	29.29	80.6	5.37	7.5	SR12	10/2/2019 13:56	29.58	78.9	5.29	6.2	SR12	10/2/2019 19:56	29.50	82.2	5.49	5.7
SR12	10/2/2019 2:01	29.31	72.7	4.85	5.2	SR12	10/2/2019 8:01	29.29	80.2	5.36	7.6	SR12	10/2/2019 14:01	29.57	78.3	5.25	5.1	SR12	10/2/2019 20:01	29.50	80.9	5.41	6.4
SR12	10/2/2019 2:06	29.31	72.9	4.88	5.3	SR12	10/2/2019 8:06	29.29	79.8	5.36	6.4	SR12	10/2/2019 14:06	29.56	77.5	5.21	5.2	SR12	10/2/2019 20:06	29.50	80.2	5.40	6.4
SR12	10/2/2019 2:11	29.31	73.1	4.88	5.7	SR12	10/2/2019 8:11	29.29	79.0	5.29	7.1	SR12	10/2/2019 14:11	29.54	77.8	5.21	5.3	SR12	10/2/2019 20:11	29.50	79.1	5.32	6.3
SR12	10/2/2019 2:16	29.31	73.9	4.97	5.9	SR12	10/2/2019 8:16	29.28	78.5	5.28	7.0	SR12	10/2/2019 14:16	29.53	78.5	5.24	5.4	SR12	10/2/2019 20:16	29.50	79.3	5.31	6.8
SR12	10/2/2019 2:21	29.31	74.3	4.99	6.1	SR12	10/2/2019 8:21	29.29	77.7	5.19	6.5	SR12	10/2/2019 14:21	29.52	77.7	5.23	5.6	SR12	10/2/2019 20:21	29.50	79.4	5.29	7.0
SR12	10/2/2019 2:26	29.31	73.6	4.95	5.8	SR12	10/2/2019 8:26	29.29	75.5	5.08	6.3	SR12	10/2/2019 14:26	29.54	80.1	5.37	5.0	SR12	10/2/2019 20:26	29.49	79.3	5.28	6.7
SR12	10/2/2019 2:31	29.31	74.0	4.93	5.6	SR12	10/2/2019 8:31	29.29	75.4	5.07	6.9	SR12	10/2/2019 14:31	29.52	79.4	5.32	5.0	SR12	10/2/2019 20:31	29.49	79.0	5.28	7.3
SR12	10/2/2019 2:36	29.31	73.2	4.92	6.0	SR12	10/2/2019 8:36	29.29	76.3	5.09	6.3	SR12	10/2/2019 14:36	29.56	81.9	5.45	5.9	SR12	10/2/2019 20:36	29.49	78.0	5.25	7.6
SR12	10/2/2019 2:41	29.31	74.1	4.97	6.4	SR12	10/2/2019 8:41	29.29	76.4	5.09	5.8	SR12	10/2/2019 14:41	29.55	82.1	5.47	5.3	SR12	10/2/2019 20:41	29.49	78.2	5.24	7.2
SR12	10/2/2019 2:46	29.31	74.5	5.01	6.5	SR12	10/2/2019 8:46	29.29	76.3	5.12	5.8	SR12	10/2/2019 14:46	29.55	82.3	5.52	5.2	SR12	10/2/2019 20:46	29.49	78.8	5.25	6.9
SR12	10/2/2019 2:51	29.31	74.2	4.95	6.3	SR12	10/2/2019 8:51	29.29	77.2	5.16	6.4	SR12	10/2/2019 14:51	29.62	83.9	5.61	5.1	SR12	10/2/2019 20:51	29.49	78.6	5.27	9.1
SR12	10/2/2019 2:56	29.31	72.9	4.88	6.7	SR12	10/2/2019 8:56	29.29	78.3	5.23	6.5	SR12	10/2/2019 14:56	29.57	82.8	5.51	5.6	SR12	10/2/2019 20:56	29.49	77.3	5.20	6.9
SR12	10/2/2019 3:01	29.31	72.4	4.87	6.5	SR12	10/2/2019 9:01	29.29	77.3	5.17	6.0	SR12	10/2/2019 15:01	29.62	84.4	5.65	5.4	SR12	10/2/2019 21:01	29.49	78.0	5.23	7.2
SR12	10/2/2019 3:06	29.31	74.1	4.95	6.8	SR12	10/2/2019 9:06	29.29	77.0	5.15	5.8	SR12	10/2/2019 15:06	29.60	84.4	5.65	5.6	SR12	10/2/2019 21:06	29.49	78.9	5.25	**10.8**
SR12	10/2/2019 3:11	29.30	72.9	4.87	7.0	SR12	10/2/2019 9:11	29.30	76.9	5.13	5.7	SR12	10/2/2019 15:11	29.60	84.1	5.65	5.3	SR12	10/2/2019 21:11	29.49	77.9	5.20	7.6
SR12	10/2/2019 3:16	29.31	72.7	4.88	6.7	SR12	10/2/2019 9:16	29.31	76.3	5.12	6.0	SR12	10/2/2019 15:16	29.60	84.5	5.63	4.8	SR12	10/2/2019 21:16	29.48	77.7	5.20	6.5
SR12	10/2/2019 3:21	29.30	72.5	4.83	6.8	SR12	10/2/2019 9:21	29.31	76.3	5.12	6.4	SR12	10/2/2019 15:21	29.61	84.3	5.64	4.9	SR12	10/2/2019 21:21	29.49	78.5	5.23	6.7
SR12	10/2/2019 3:26	29.30	71.8	4.81	7.7	SR12	10/2/2019 9:26	29.30	76.0	5.11	6.1	SR12	10/2/2019 15:26	29.59	82.2	5.52	5.8	SR12	10/2/2019 21:26	29.48	78.4	5.23	6.8
SR12	10/2/2019 3:31	29.30	71.5	4.81	6.8	SR12	10/2/2019 9:31	29.31	76.7	5.13	5.5	SR12	10/2/2019 15:31	29.59	83.8	5.60	5.4	SR12	10/2/2019 21:31	29.48	77.1	5.19	6.4
SR12	10/2/2019 3:36	29.30	71.5	4.77	6.8	SR12	10/2/2019 9:36	29.31	76.5	5.11	5.6	SR12	10/2/2019 15:36	29.59	84.1	5.63	5.2	SR12	10/2/2019 21:36	29.48	77.2	5.19	6.2
SR12	10/2/2019 3:41	29.30	71.8	4.83	6.8	SR12	10/2/2019 9:41	29.31	76.1	5.09	5.5	SR12	10/2/2019 15:41	29.57	83.9	5.59	5.5	SR12	10/2/2019 21:41	29.48	77.5	5.19	6.7
SR12	10/2/2019 3:46	29.30	71.7	4.81	7.7	SR12	10/2/2019 9:46	29.31	76.5	5.09	5.5	SR12	10/2/2019 15:46	29.56	83.6	5.61	5.8	SR12	10/2/2019 21:46	29.48	78.6	5.23	5.9
SR12	10/2/2019 3:51	29.29	72.6	4.84	7.7	SR12	10/2/2019 9:51	29.32	77.0	5.15	5.0	SR12	10/2/2019 15:51	29.57	84.0	5.61	5.4	SR12	10/2/2019 21:51	29.48	77.5	5.21	5.9
SR12	10/2/2019 3:56	29.29	73.0	4.89	8.6	SR12						SR12	10/2/2019 15:56	29.59	84.2	5.65	5.3	SR12	10/2/2019 21:56	29.48	78.7	5.28	6.0
SR12	10/2/2019 4:01	29.29	73.9	4.95	**10.1**	SR12						SR12	10/2/2019 16:01	29.58	83.9	5.64	5.3	SR12	10/2/2019 22:01	29.48	78.3	5.25	6.0
SR12	10/2/2019 4:06	29.28	74.3	4.97	**10.1**	SR12						SR12	10/2/2019 16:06	29.58	83.8	5.61	5.9	SR12	10/2/2019 22:06	29.47	77.2	5.19	6.6
SR12	10/2/2019 4:11	29.28	74.8	4.99	8.3	SR12						SR12	10/2/2019 16:11	29.57	84.2	5.61	5.7	SR12	10/2/2019 22:11	29.47	77.1	5.17	6.2
SR12	10/2/2019 4:16	29.28	74.0	4.93	8.7	SR12						SR12	10/2/2019 16:16	29.57	83.7	5.59	5.6	SR12	10/2/2019 22:16	29.47	76.5	5.11	5.4
SR12	10/2/2019 4:21	29.28	75.7	5.04	8.2	SR12						SR12	10/2/2019 16:21	29.62	84.5	5.65	5.3	SR12	10/2/2019 22:21	29.46	74.4	5.00	5.2
SR12	10/2/2019 4:26	29.28	74.8	5.03	9.0	SR12						SR12	10/2/2019 16:26	29.57	82.7	5.56	5.6	SR12	10/2/2019 22:26	29.47	74.4	5.00	5.6
SR12	10/2/2019 4:31	29.28	76.0	5.08	8.1	SR12						SR12	10/2/2019 16:31	29.57	82.1	5.52	5.6	SR12	10/2/2019 22:31	29.46	75.7	5.09	5.9
SR12	10/2/2019 4:36	29.27	76.4	5.11	9.1	SR12						SR12	10/2/2019 16:36	29.54	83.3	5.57	7.0	SR12	10/2/2019 22:36	29.45	74.8	5.01	5.6
SR12	10/2/2019 4:41	29.28	75.2	5.05	8.9	SR12						SR12	10/2/2019 16:41	29.56	84.5	5.65	5.2	SR12	10/2/2019 22:41	29.47	74.4	4.96	5.6
SR12	10/2/2019 4:46	29.27	75.7	5.07	8.2	SR12						SR12	10/2/2019 16:46	29.53	83.2	5.57	5.7	SR12	10/2/2019 22:46	29.47	73.7	4.91	5.4
SR12	10/2/2019 4:51	29.27	76.7	5.11	7.2	SR12						SR12	10/2/2019 16:51	29.51	82.7	5.53	6.5	SR12	10/2/2019 22:51	29.46	72.1	4.83	4.8
SR12	10/2/2019 4:56	29.27	77.8	5.20	8.4	SR12						SR12	10/2/2019 16:56	29.53	83.4	5.55	6.6	SR12	10/2/2019 22:56	29.47	73.4	4.92	5.9
SR12	10/2/2019 5:01	29.27	77.3	5.16	7.2	SR12	10/2/2019 11:01	29.42	74.4	5.00	4.9	SR12	10/2/2019 17:01	29.53	83.9	5.61	5.6	SR12	10/2/2019 23:01	29.47	73.1	4.89	5.0
SR12	10/2/2019 5:06	29.26	79.0	5.28	7.6	SR12	10/2/2019 11:06	29.43	74.3	4.99	5.1	SR12	10/2/2019 17:06	29.52	83.5	5.61	5.9	SR12	10/2/2019 23:06	29.47	72.6	4.84	5.1
SR12	10/2/2019 5:11	29.27	78.2	5.25	7.6	SR12	10/2/2019 11:11	29.42	75.4	5.04	4.3	SR12	10/2/2019 17:11	29.51	84.1	5.64	5.6	SR12	10/2/2019 23:11	29.48	73.2	4.92	6.4
SR12	10/2/2019 5:16	29.26	79.7	5.33	7.9	SR12	10/2/2019 11:16	29.41	74.9	4.99	5.0	SR12	10/2/2019 17:16	29.49	83.6	5.60	6.0	SR12	10/2/2019 23:16	29.47	72.6	4.84	5.7
SR12	10/2/2019 5:21	29.27	80.5	5.40	8.0	SR12	10/2/2019 11:21	29.37	75.6	5.03	5.7	SR12	10/2/2019 17:21	29.50	84.2	5.61	5.8	SR12	10/2/2019 23:21	29.48	73.2	4.89	5.9
SR12	10/2/2019 5:26	29.27	79.8	5.36	7.5	SR12	10/2/2019 11:26	29.36	76.5	5.09	5.7	SR12	10/2/2019 17:26	29.50	82.9	5.57	6.1	SR12	10/2/2019 23:26	29.48	73.5	4.93	5.7
SR12	10/2/2019 5:31	29.27	81.1	5.40	7.7	SR12	10/2/2019 11:31	29.36	75.7	5.09	6.0	SR12	10/2/2019 17:31	29.49	82.3	5.53	6.1	SR12	10/2/2019 23:31	29.48	74.9	4.99	5.6
SR12	10/2/2019 5:36	29.27	80.1	5.39	7.7	SR12	10/2/2019 11:36	29.37	77.2	5.17	7.0	SR12	10/2/2019 17:36	29.48	81.5	5.47	6.1	SR12	10/2/2019 23:36	29.47	75.1	5.03	7.2
SR12	10/2/2019 5:41	29.27	80.9	5.43	8.7	SR12	10/2/2019 11:41	29.38	76.5	5.12	5.6	SR12	10/2/2019 17:41	29.48	81.3	5.45	6.0	SR12	10/2/2019 23:41	29.47	74.7	5.00	6.0
SR12	10/2/2019 5:46	29.27	80.4	5.40	9.6	SR12	10/2/2019 11:46	29.38	76.8	5.12	5.9	SR12	10/2/2019 17:46	29.48	81.9	5.49	5.7	SR12	10/2/2019 23:46	29.47	74.7	4.99	5.7
SR12	10/2/2019 5:51	29.27	81.2	5.44	7.2	SR12	10/2/2019 11:51	29.38	76.5	5.11	6.4	SR12	10/2/2019 17:51	29.46	82.9	5.52	6.0	SR12	10/2/2019 23:51	29.47	74.5	5.00	6.4
SR12	10/2/2019 5:56	29.27	80.7	5.39	7.4	SR12	10/2/2019 11:56	29.38	76.4	5.11	6.4	SR12	10/2/2019 17:56	29.46	82.5	5.53	6.4	SR12	10/2/2019 23:56	29.46	75.3	5.04	7.4

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	10/2/2019 0:00	29.44	74.0	5.18	5.9	SR13	10/2/2019 6:00	29.23	76.8	5.41	5.9	SR13	10/2/2019 12:00	29.62	78.9	5.51	7.4	SR13	10/2/2019 18:00	29.84	78.5	5.53	4.5
SR13	10/2/2019 0:05	29.44	74.5	5.23	5.2	SR13	10/2/2019 6:05	29.23	76.5	5.36	6.2	SR13	10/2/2019 12:05	29.63	79.1	5.55	4.8	SR13	10/2/2019 18:05	29.81	79.8	5.58	4.4
SR13	10/2/2019 0:10	29.44	74.7	5.22	5.2	SR13	10/2/2019 6:10	29.25	75.6	5.31	5.9	SR13	10/2/2019 12:10	29.69	80.6	5.63	4.9	SR13	10/2/2019 18:10	29.78	76.8	5.39	4.1
SR13	10/2/2019 0:15	29.43	72.7	5.13	5.0	SR13	10/2/2019 6:15	29.26	76.3	5.33	6.3	SR13	10/2/2019 12:15	29.69	80.0	5.60	4.1	SR13	10/2/2019 18:15	29.80	79.2	5.54	4.9
SR13	10/2/2019 0:20	29.43	74.3	5.21	4.6	SR13	10/2/2019 6:20	29.26	76.2	5.37	5.1	SR13	10/2/2019 12:20	29.68	78.4	5.52	4.8	SR13	10/2/2019 18:20	29.80	81.4	5.70	4.9
SR13	10/2/2019 0:25	29.43	74.8	5.25	4.4	SR13	10/2/2019 6:25	29.26	77.0	5.38	7.1	SR13	10/2/2019 12:25	29.67	78.5	5.49	4.2	SR13	10/2/2019 18:25	29.78	80.6	5.64	5.5
SR13	10/2/2019 0:30	29.42	74.4	5.25	4.5	SR13	10/2/2019 6:30	29.24	75.5	5.30	4.9	SR13	10/2/2019 12:30	29.68	78.5	5.53	4.3	SR13	10/2/2019 18:30	29.78	79.9	5.58	4.4
SR13	10/2/2019 0:35	29.42	75.1	5.26	4.8	SR13	10/2/2019 6:35	29.24	78.1	5.44	4.7	SR13	10/2/2019 12:35	29.63	78.1	5.47	4.3	SR13	10/2/2019 18:35	29.78	79.6	5.60	4.9
SR13	10/2/2019 0:40	29.42	75.4	5.28	5.3	SR13	10/2/2019 6:40	29.25	78.3	5.48	5.2	SR13	10/2/2019 12:40	29.68	77.9	5.42	5.6	SR13	10/2/2019 18:40	29.76	80.4	5.66	4.7
SR13	10/2/2019 0:45	29.43	75.4	5.30	5.3	SR13	10/2/2019 6:45	29.25	79.5	5.56	6.0	SR13	10/2/2019 12:45	29.73	78.4	5.47	4.0	SR13	10/2/2019 18:45	29.72	82.5	5.76	5.5
SR13	10/2/2019 0:50	29.42	76.1	5.33	4.7	SR13	10/2/2019 6:50	29.25	79.1	5.54	5.3	SR13	10/2/2019 12:50	29.81	79.8	5.57	3.5	SR13	10/2/2019 18:50	29.73	81.0	5.67	5.4
SR13	10/2/2019 0:55	29.42	75.9	5.35	4.9	SR13	10/2/2019 6:55	29.24	79.2	5.55	6.2	SR13	10/2/2019 12:55	29.80	79.3	5.56	4.3	SR13	10/2/2019 18:55	29.75	81.8	5.70	5.0
SR13	10/2/2019 1:00	29.43	75.8	5.34	5.3	SR13	10/2/2019 7:00	29.24	80.4	5.61	6.1	SR13	10/2/2019 13:00	29.77	78.7	5.52	4.5	SR13	10/2/2019 19:00	29.71	82.4	5.75	4.6
SR13	10/2/2019 1:05	29.43	76.1	5.36	5.4	SR13	10/2/2019 7:05	29.24	78.2	5.49	6.1	SR13	10/2/2019 13:05	29.85	80.3	5.61	4.4	SR13	10/2/2019 19:05	29.72	81.5	5.69	5.2
SR13	10/2/2019 1:10	29.44	74.8	5.26	5.4	SR13	10/2/2019 7:10	29.25	78.7	5.53	6.3	SR13	10/2/2019 13:10	29.77	77.4	5.45	5.0	SR13	10/2/2019 19:10	29.70	81.4	5.68	5.0
SR13	10/2/2019 1:15	29.43	75.2	5.27	5.2	SR13	10/2/2019 7:15	29.25	78.8	5.52	7.1	SR13	10/2/2019 13:15	29.78	79.2	5.51	4.3	SR13	10/2/2019 19:15	29.71	80.6	5.64	6.2
SR13	10/2/2019 1:20	29.43	75.7	5.30	5.1	SR13	10/2/2019 7:20	29.25	80.1	5.58	6.3	SR13	10/2/2019 13:20	29.82	79.4	5.57	3.6	SR13	10/2/2019 19:20	29.70	80.6	5.65	5.0
SR13	10/2/2019 1:25	29.43	74.5	5.25	5.0	SR13	10/2/2019 7:25	29.25	79.7	5.58	6.0	SR13	10/2/2019 13:25	29.88	78.8	5.52	4.3	SR13	10/2/2019 19:25	29.69	81.5	5.71	5.2
SR13	10/2/2019 1:30	29.42	74.6	5.27	4.9	SR13	10/2/2019 7:30	29.26	80.4	5.60	6.8	SR13	10/2/2019 13:30	29.88	79.0	5.56	4.5	SR13	10/2/2019 19:30	29.70	81.1	5.69	6.2
SR13	10/2/2019 1:35	29.41	75.3	5.28	4.9	SR13	10/2/2019 7:35	29.27	80.4	5.61	7.1	SR13	10/2/2019 13:35	29.87	78.9	5.52	4.3	SR13	10/2/2019 19:35	29.69	80.4	5.62	7.5
SR13	10/2/2019 1:40	29.41	75.3	5.26	5.2	SR13	10/2/2019 7:40	29.28	79.4	5.58	6.1	SR13	10/2/2019 13:40	29.92	78.8	5.53	4.3	SR13	10/2/2019 19:40	29.68	80.6	5.62	5.2
SR13	10/2/2019 1:45	29.41	74.4	5.24	4.6	SR13	10/2/2019 7:45	29.28	80.7	5.64	5.3	SR13	10/2/2019 13:45	29.90	77.9	5.47	4.5	SR13	10/2/2019 19:45	29.68	80.1	5.64	6.3
SR13	10/2/2019 1:50	29.42	75.2	5.28	5.1	SR13	10/2/2019 7:50	29.29	80.5	5.62	5.6	SR13	10/2/2019 13:50	29.90	78.3	5.50	4.7	SR13	10/2/2019 19:50	29.69	80.0	5.61	5.2
SR13	10/2/2019 1:55	29.41	74.7	5.26	5.6	SR13	10/2/2019 7:55	29.29	80.1	5.62	5.9	SR13	10/2/2019 13:55	29.91	78.5	5.47	3.7	SR13	10/2/2019 19:55	29.69	81.3	5.67	5.6
SR13	10/2/2019 2:00	29.41	74.4	5.25	5.1	SR13	10/2/2019 8:00	29.29	79.3	5.53	5.7	SR13	10/2/2019 14:00	29.91	77.7	5.47	3.8	SR13	10/2/2019 20:00	29.69	77.7	5.46	5.4
SR13	10/2/2019 2:05	29.41	76.4	5.35	5.5	SR13	10/2/2019 8:05	29.29	79.2	5.55	6.4	SR13	10/2/2019 14:05	29.92	79.2	5.56	4.3	SR13	10/2/2019 20:05	29.67	78.9	5.51	5.4
SR13	10/2/2019 2:10	29.39	75.7	5.28	4.9	SR13	10/2/2019 8:10	29.26	78.8	5.55	6.6	SR13	10/2/2019 14:10	29.94	79.2	5.53	4.1	SR13	10/2/2019 20:10	29.67	77.2	5.42	5.7
SR13	10/2/2019 2:15	29.39	75.4	5.30	5.4	SR13	10/2/2019 8:15	29.24	78.7	5.50	6.4	SR13	10/2/2019 14:15	30.02	80.0	5.59	4.0	SR13	10/2/2019 20:15	29.66	77.2	5.43	5.3
SR13	10/2/2019 2:20	29.39	76.6	5.38	5.5	SR13	10/2/2019 8:20	29.30	78.0	5.48	5.4	SR13	10/2/2019 14:20	30.04	80.6	5.61	4.6	SR13	10/2/2019 20:20	29.67	77.8	5.46	5.5
SR13	10/2/2019 2:25	29.39	76.2	5.39	5.5	SR13	10/2/2019 8:25	29.35	78.6	5.49	6.0	SR13	10/2/2019 14:25	30.05	81.1	5.67	3.8	SR13	10/2/2019 20:25	29.67	78.0	5.48	5.8
SR13	10/2/2019 2:30	29.39	75.7	5.32	5.4	SR13	10/2/2019 8:30	29.38	78.2	5.47	5.8	SR13	10/2/2019 14:30	30.05	80.8	5.63	3.7	SR13	10/2/2019 20:30	29.67	79.6	5.57	6.6
SR13	10/2/2019 2:35	29.39	76.2	5.33	5.8	SR13	10/2/2019 8:35	29.40	78.0	5.47	5.1	SR13	10/2/2019 14:35	30.01	81.5	5.66	4.2	SR13	10/2/2019 20:35	29.68	79.2	5.55	5.4
SR13	10/2/2019 2:40	29.39	72.9	5.13	5.5	SR13	10/2/2019 8:40	29.43	78.8	5.50	6.8	SR13	10/2/2019 14:40	30.02	80.7	5.66	4.6	SR13	10/2/2019 20:40	29.67	79.0	5.53	6.5
SR13	10/2/2019 2:45	29.39	74.8	5.27	5.3	SR13	10/2/2019 8:45	29.44	78.1	5.49	6.3	SR13	10/2/2019 14:45	30.09	82.4	5.78	4.9	SR13	10/2/2019 20:45	29.66	79.1	5.54	8.5
SR13	10/2/2019 2:50	29.38	73.7	5.19	5.3	SR13	10/2/2019 8:50	29.45	77.8	5.47	6.2	SR13	10/2/2019 14:50	30.08	81.6	5.72	4.1	SR13	10/2/2019 20:50	29.66	78.4	5.51	6.1
SR13	10/2/2019 2:55	29.37	73.5	5.17	5.6	SR13	10/2/2019 8:55	29.46	78.6	5.49	6.8	SR13						SR13	10/2/2019 20:55	29.66	76.9	5.42	5.5
SR13	10/2/2019 3:00	29.37	73.7	5.17	5.1	SR13	10/2/2019 9:00	29.44	77.3	5.44	6.7	SR13						SR13	10/2/2019 21:00	29.66	78.1	5.46	6.2
SR13	10/2/2019 3:05	29.37	72.8	5.12	5.4	SR13	10/2/2019 9:05	29.44	78.4	5.48	7.2	SR13						SR13	10/2/2019 21:05	29.65	78.5	5.51	5.9
SR13	10/2/2019 3:10	29.37	73.6	5.18	5.6	SR13	10/2/2019 9:10	29.44	77.7	5.46	6.0	SR13						SR13	10/2/2019 21:10	29.65	78.2	5.48	5.7
SR13	10/2/2019 3:15	29.38	73.2	5.15	5.5	SR13	10/2/2019 9:15	29.44	77.4	5.44	6.1	SR13	10/2/2019 15:15	30.10	82.1	5.75	3.6	SR13	10/2/2019 21:15	29.64	78.2	5.50	6.6
SR13	10/2/2019 3:20	29.37	72.2	5.08	5.7	SR13	10/2/2019 9:20	29.43	78.1	5.46	6.0	SR13	10/2/2019 15:20	30.10	81.2	5.64	4.0	SR13	10/2/2019 21:20	29.64	77.3	5.42	6.3
SR13	10/2/2019 3:25	29.37	72.3	5.12	6.1	SR13	10/2/2019 9:25	29.43	78.3	5.44	5.4	SR13	10/2/2019 15:25	30.12	81.8	5.74	5.0	SR13	10/2/2019 21:25	29.64	78.6	5.48	6.3
SR13	10/2/2019 3:30	29.35	72.3	5.07	5.7	SR13	10/2/2019 9:30	29.45	77.8	5.47	5.1	SR13	10/2/2019 15:30	30.07	81.5	5.68	4.2	SR13	10/2/2019 21:30	29.64	77.8	5.47	4.9
SR13	10/2/2019 3:35	29.35	73.0	5.16	6.1	SR13	10/2/2019 9:35	29.43	77.5	5.47	5.8	SR13	10/2/2019 15:35	30.10	80.8	5.69	4.3	SR13	10/2/2019 21:35	29.64	77.1	5.42	5.0
SR13	10/2/2019 3:40	29.34	73.6	5.19	7.3	SR13	10/2/2019 9:40	29.44	77.9	5.43	5.1	SR13	10/2/2019 15:40	30.08	79.9	5.61	4.7	SR13	10/2/2019 21:40	29.63	77.5	5.46	5.2
SR13	10/2/2019 3:45	29.34	73.4	5.17	7.0	SR13	10/2/2019 9:45	29.43	76.7	5.39	5.7	SR13	10/2/2019 15:45	30.09	81.1	5.69	4.0	SR13	10/2/2019 21:45	29.62	77.3	5.42	6.3
SR13	10/2/2019 3:50	29.35	74.0	5.19	6.5	SR13	10/2/2019 9:50	29.44	77.2	5.40	4.7	SR13	10/2/2019 15:50	30.01	81.0	5.65	4.5	SR13	10/2/2019 21:50	29.62	76.7	5.40	6.2
SR13	10/2/2019 3:55	29.35	73.6	5.17	7.1	SR13	10/2/2019 9:55	29.43	76.5	5.35	5.2	SR13	10/2/2019 15:55	30.04	80.7	5.63	4.3	SR13	10/2/2019 21:55	29.62	75.3	5.30	4.9
SR13	10/2/2019 4:00	29.35	73.3	5.15	6.5	SR13	10/2/2019 10:00	29.43	76.7	5.35	4.9	SR13	10/2/2019 16:00	30.11	79.9	5.59	3.7	SR13	10/2/2019 22:00	29.60	74.9	5.28	5.5
SR13	10/2/2019 4:05	29.35	75.3	5.32	7.4	SR13	10/2/2019 10:05	29.46	77.2	5.40	5.1	SR13	10/2/2019 16:05	30.09	79.0	5.53	5.2	SR13	10/2/2019 22:05	29.60	74.7	5.27	6.1
SR13	10/2/2019 4:10	29.34	75.2	5.29	6.7	SR13	10/2/2019 10:10	29.45	75.8	5.32	5.5	SR13	10/2/2019 16:10	30.10	80.6	5.64	4.5	SR13	10/2/2019 22:10	29.60	76.0	5.33	5.4
SR13	10/2/2019 4:15	29.31	75.8	5.31	7.3	SR13	10/2/2019 10:15	29.45	76.1	5.33	5.4	SR13	10/2/2019 16:15	30.05	80.5	5.62	4.8	SR13	10/2/2019 22:15	29.60	74.8	5.26	6.1
SR13	10/2/2019 4:20	29.32	75.1	5.28	6.7	SR13	10/2/2019 10:20	29.50	77.6	5.46	4.0	SR13	10/2/2019 16:20	30.06	81.0	5.66	4.5	SR13	10/2/2019 22:20	29.61	75.7	5.32	6.2
SR13	10/2/2019 4:25	29.33	74.3	5.23	6.3	SR13	10/2/2019 10:25	29.46	77.7	5.47	5.7	SR13	10/2/2019 16:25	30.11	79.8	5.61	4.7	SR13	10/2/2019 22:25	29.60	75.3	5.27	5.3
SR13	10/2/2019 4:30	29.33	75.6	5.31	5.8	SR13	10/2/2019 10:30	29.48	77.0	5.40	5.3	SR13	10/2/2019 16:30	30.10	78.9	5.55	4.9	SR13	10/2/2019 22:30	29.59	74.0	5.22	5.2
SR13	10/2/2019 4:35	29.32	76.2	5.34	6.0	SR13	10/2/2019 10:35	29.46	75.4	5.29	5.8	SR13	10/2/2019 16:35	30.07	79.7	5.57	4.9	SR13	10/2/2019 22:35	29.59	75.6	5.29	5.9
SR13	10/2/2019 4:40	29.32	75.9	5.33	6.1	SR13	10/2/2019 10:40	29.48	76.2	5.33	4.8	SR13	10/2/2019 16:40	30.03	79.5	5.59	4.3	SR13	10/2/2019 22:40	29.59	75.4	5.29	5.5
SR13	10/2/2019 4:45	29.32	76.5	5.35	6.3	SR13	10/2/2019 10:45	29.48	76.3	5.37	5.6	SR13	10/2/2019 16:45	29.97	78.6	5.50	5.1	SR13	10/2/2019 22:45	29.58	74.8	5.24	5.2
SR13	10/2/2019 4:50	29.32	75.2	5.28	6.1	SR13	10/2/2019 10:50	29.47	75.6	5.30	4.9	SR13	10/2/2019 16:50	29.92	78.4	5.49	5.8	SR13	10/2/2019 22:50	29.59	74.1	5.24	6.0
SR13	10/2/2019 4:55	29.32	75.5	5.32	6.3	SR13	10/2/2019 10:55	29.49	75.5	5.30	6.2	SR13	10/2/2019 16:55	29.90	78.0	5.46	6.0	SR13	10/2/2019 22:55	29.58	74.0	5.19	5.7
SR13	10/2/2019 5:00	29.31	76.0	5.33	5.9	SR13	10/2/2019 11:00	29.47	75.8	5.30	5.0	SR13	10/2/2019 17:00	29.88	80.0	5.59	4.1	SR13	10/2/2019 23:00	29.58	74.1	5.20	5.0
SR13	10/2/2019 5:05	29.31	76.3	5.34	6.0	SR13	10/2/2019 11:05	29.47	77.0	5.36	5.9	SR13	10/2/2019 17:05	29.88	78.5	5.51	4.3	SR13	10/2/2019 23:05	29.59	74.1	5.20	5.7
SR13	10/2/2019 5:10	29.31	75.7	5.29	6.1	SR13	10/2/2019 11:10	29.48	76.9	5.39	5.8	SR13	10/2/2019 17:10	29.87	77.5	5.42	4.5	SR13	10/2/2019 23:10	29.59	74.8	5.26	5.5
SR13	10/2/2019 5:15	29.30	77.1	5.40	10.3	SR13	10/2/2019 11:15	29.50	77.3	5.43	6.3	SR13	10/2/2019 17:15	29.80	77.1	5.43	5.0	SR13	10/2/2019 23:15	29.57	74.8	5.25	6.3
SR13	10/2/2019 5:20	29.30	77.5	5.43	6.7	SR13	10/2/2019 11:20	29.48	76.5	5.37	6.3	SR13	10/2/2019 17:20	29.82	76.4	5.37	4.8	SR13	10/2/2019 23:20	29.56	75.4	5.28	5.6
SR13	10/2/2019 5:25	29.29	78.1	5.48	7.2	SR13	10/2/2019 11:25	29.50	76.5	5.34	5.2	SR13	10/2/2019 17:25	29.74	74.1	5.22	4.2	SR13	10/2/2019 23:25	29.56	74.6	5.22	4.7
SR13	10/2/2019 5:30	29.29	77.5	5.45	5.9	SR13	10/2/2019 11:30	29.50	77.2	5.40	5.1	SR13	10/2/2019 17:30	29.80	76.5	5.33	4.6	SR13	10/2/2019 23:30	29.58	74.6	5.26	6.1
SR13	10/2/2019 5:35	29.26	76.8	5.38	5.5	SR13	10/2/2019 11:35	29.53	77.8	5.44	5.0	SR13	10/2/2019 17:35	29.83	77.7	5.43	4.9	SR13	10/2/2019 23:35	29.57	75.9	5.35	**16.1**
SR13	10/2/2019 5:40	29.26	77.7	5.43	6.5	SR13	10/2/2019 11:40	29.52	77.6	5.42	6.3	SR13	10/2/2019 17:40	29.85	76.5	5.36	4.8	SR13	10/2/2019 23:40	29.59	75.6	5.32	5.2
SR13	10/2/2019 5:45	29.25	76.9	5.41	6.4	SR13	10/2/2019 11:45	29.56	78.2	5.46	4.9	SR13	10/2/2019 17:45	29.87	77.9	5.48	6.3	SR13	10/2/2019 23:45	29.57	75.9	5.32	6.2
SR13	10/2/2019 5:50	29.26	77.8	5.45	6.7	SR13	10/2/2019 11:50	29.66	79.2	5.53	4.1	SR13	10/2/2019 17:50	29.88	79.2	5.53	4.7	SR13	10/2/2019 23:50	29.57	76.5	5.36	5.4
SR13	10/2/2019 5:55	29.25	77.3	5.45	5.5	SR13	10/2/2019 11:55	29.65	79.6	5.57	4.4	SR13	10/2/2019 17:55	29.87	79.4	5.56	5.2	SR13	10/2/2019 23:55	29.57	76.8	5.42	5.1

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	10/2/2019 0:17	0.21				SR12	10/2/2019 0:17	0.17			
SR4	10/2/2019 0:37	0.19				SR12	10/2/2019 0:37	0.14			
SR4	10/2/2019 0:57	0.19				SR12	10/2/2019 0:57	0.14			
SR4	10/2/2019 1:17	0.19				SR12	10/2/2019 1:17	0.14			
SR4	10/2/2019 1:37	0.21				SR12	10/2/2019 1:37	0.16			
SR4	10/2/2019 1:57	0.20				SR12	10/2/2019 1:57	0.15			
SR4	10/2/2019 2:17	0.19				SR12	10/2/2019 2:17	0.16			
SR4	10/2/2019 2:37	0.20				SR12	10/2/2019 2:37	0.15			
SR4	10/2/2019 2:57	0.20				SR12	10/2/2019 2:57	0.14			
SR4	10/2/2019 3:17	0.21				SR12	10/2/2019 3:17	0.16			
SR4	10/2/2019 3:37	0.19				SR12	10/2/2019 3:37	0.15			
SR4	10/2/2019 3:57	0.20				SR12	10/2/2019 3:57	0.13			
SR4	10/2/2019 4:17	0.19				SR12	10/2/2019 4:17	0.14			
SR4	10/2/2019 4:37	0.21				SR12	10/2/2019 4:37	0.16			
SR4	10/2/2019 4:57	0.19				SR12	10/2/2019 4:57	0.16			
SR4	10/2/2019 5:17	0.19				SR12	10/2/2019 5:17	0.15			
SR4	10/2/2019 5:37	0.19				SR12	10/2/2019 5:37	0.13			
SR4	10/2/2019 5:57	0.20				SR12	10/2/2019 5:57	0.13			
SR4						SR12					
SR4	10/2/2019 6:37	0.19				SR12	10/2/2019 6:37	0.16			
SR4	10/2/2019 6:57	0.20				SR12	10/2/2019 6:57	0.15			
SR4	10/2/2019 7:17	0.20				SR12	10/2/2019 7:17	0.13			
SR4	10/2/2019 7:37	0.20				SR12	10/2/2019 7:37	0.16			
SR4	10/2/2019 7:57	0.20				SR12	10/2/2019 7:57	0.15			
SR4	10/2/2019 8:17	0.20				SR12	10/2/2019 8:17	0.13			
SR4	10/2/2019 8:37	0.19				SR12	10/2/2019 8:37	0.13			
SR4	10/2/2019 8:57	0.19				SR12	10/2/2019 8:57	0.16			
SR4	10/2/2019 9:17	0.16				SR12	10/2/2019 9:17	0.15			
SR4	10/2/2019 9:37	0.18				SR12	10/2/2019 9:37	0.16			
SR4	10/2/2019 9:57	0.16				SR12					
SR4	10/2/2019 10:17	0.17				SR12					
SR4	10/2/2019 10:37	0.16				SR12					
SR4	10/2/2019 10:57	0.17				SR12					
SR4	10/2/2019 11:17	0.19				SR12	10/2/2019 11:17	0.12			
SR4	10/2/2019 11:37	0.19				SR12	10/2/2019 11:37	0.14			
SR4						SR12	10/2/2019 11:57	0.12			
SR4						SR12	10/2/2019 12:17	0.11			
SR4						SR12	10/2/2019 12:37	0.11			
SR4						SR12	10/2/2019 12:57	0.14			
SR4						SR12	10/2/2019 13:17	0.13			
SR4	10/2/2019 13:37	0.19				SR12	10/2/2019 13:37	0.14			
SR4	10/2/2019 13:57	0.19				SR12	10/2/2019 13:57	0.13			
SR4	10/2/2019 14:17	0.16				SR12	10/2/2019 14:17	0.13			
SR4	10/2/2019 14:37	0.17				SR12	10/2/2019 14:37	0.15			
SR4	10/2/2019 14:57	0.18				SR12	10/2/2019 14:57	0.15			
SR4	10/2/2019 15:17	0.18				SR12	10/2/2019 15:17	0.13			
SR4	10/2/2019 15:37	0.16				SR12	10/2/2019 15:37	0.11			
SR4	10/2/2019 15:57	0.18				SR12	10/2/2019 15:57	0.12			
SR4	10/2/2019 16:17	0.18				SR12	10/2/2019 16:17	0.15			
SR4	10/2/2019 16:37	0.19				SR12	10/2/2019 16:37	0.11			
SR4	10/2/2019 16:57	0.18				SR12	10/2/2019 16:57	0.12			
SR4	10/2/2019 17:17	0.19				SR12	10/2/2019 17:17	0.11			
SR4	10/2/2019 17:37	0.19				SR12	10/2/2019 17:37	0.14			
SR4	10/2/2019 17:57	0.19				SR12	10/2/2019 17:57	0.11			
SR4	10/2/2019 18:17	0.18				SR12	10/2/2019 18:17	0.15			
SR4	10/2/2019 18:37	0.18				SR12	10/2/2019 18:37	0.16			
SR4	10/2/2019 18:57	0.16				SR12	10/2/2019 18:57	0.16			
SR4	10/2/2019 19:17	0.18				SR12	10/2/2019 19:17	0.16			
SR4	10/2/2019 19:37	0.17				SR12	10/2/2019 19:37	0.15			
SR4	10/2/2019 19:57	0.16				SR12	10/2/2019 19:57	0.16			
SR4	10/2/2019 20:17	0.16				SR12	10/2/2019 20:17	0.17			
SR4	10/2/2019 20:37	0.17				SR12	10/2/2019 20:37	0.17			
SR4	10/2/2019 20:57	0.19				SR12	10/2/2019 20:57	0.16			
SR4	10/2/2019 21:17	0.18				SR12	10/2/2019 21:17	0.17			
SR4	10/2/2019 21:37	0.16				SR12	10/2/2019 21:37	0.16			
SR4	10/2/2019 21:57	0.18				SR12	10/2/2019 21:57	0.17			
SR4	10/2/2019 22:17	0.19				SR12	10/2/2019 22:17	0.15			
SR4	10/2/2019 22:37	0.18				SR12	10/2/2019 22:37	0.15			
SR4	10/2/2019 22:57	0.17				SR12	10/2/2019 22:57	0.15			
SR4	10/2/2019 23:17	0.17				SR12	10/2/2019 23:17	0.17			
SR4	10/2/2019 23:37	0.17				SR12	10/2/2019 23:37	0.15			
SR4	10/2/2019 23:57	0.18				SR12	10/2/2019 23:57	0.17			

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 11:56-13:16.
SR12 monitoring station was under maintenance during 9:51-11:01.
SR13 monitoring station was under maintenance during 14:50-15:15.

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	10/3/2019 0:01	29.44	76.8	5.14	3.2	SR4	10/3/2019 6:01	29.32	75.0	5.02	3.8	SR4	10/3/2019 12:01	29.44	76.3	5.06	**17.5**	SR4	10/3/2019 18:01	30.05	68.6	4.59	1.5
SR4	10/3/2019 0:06	29.43	78.7	5.15	4.2	SR4	10/3/2019 6:06	29.30	77.2	5.09	3.7	SR4	10/3/2019 12:06	29.43	75.8	4.98	**10.6**	SR4	10/3/2019 18:06	29.97	67.2	4.47	1.3
SR4	10/3/2019 0:11	29.43	77.4	5.10	5.5	SR4	10/3/2019 6:11	29.30	83.6	5.52	**15.9**	SR4	10/3/2019 12:11	29.44	76.6	5.06	7.7	SR4	10/3/2019 18:11	29.97	66.1	4.32	1.4
SR4	10/3/2019 0:16	29.43	78.1	5.15	3.6	SR4	10/3/2019 6:16	29.31	86.4	5.65	5.9	SR4	10/3/2019 12:16	29.51	77.9	5.14	6.5	SR4	10/3/2019 18:16	29.97	66.8	4.46	1.5
SR4	10/3/2019 0:21	29.44	75.8	5.07	4.5	SR4	10/3/2019 6:21	29.31	78.4	5.25	4.0	SR4	10/3/2019 12:21	29.69	79.9	5.26	5.4	SR4	10/3/2019 18:21	29.99	68.7	4.51	2.2
SR4	10/3/2019 0:26	29.43	77.9	5.20	4.8	SR4	10/3/2019 6:26	29.31	80.0	5.29	5.0	SR4	10/3/2019 12:26	29.59	78.6	5.17	5.5	SR4	10/3/2019 18:26	30.03	68.0	4.53	1.8
SR4	10/3/2019 0:31	29.43	77.5	5.14	3.7	SR4	10/3/2019 6:31	29.28	79.9	5.34	5.4	SR4	10/3/2019 12:31	29.65	80.2	5.27	7.7	SR4	10/3/2019 18:31	30.02	66.2	4.36	1.3
SR4	10/3/2019 0:36	29.43	76.9	5.09	3.7	SR4	10/3/2019 6:36	29.29	80.4	5.36	4.7	SR4	10/3/2019 12:36	29.67	78.0	5.21	5.0	SR4	10/3/2019 18:36	30.03	68.8	4.53	1.8
SR4	10/3/2019 0:41	29.44	72.3	4.83	3.2	SR4	10/3/2019 6:41	29.31	83.2	5.59	5.0	SR4	10/3/2019 12:41	29.79	80.7	5.34	5.0	SR4	10/3/2019 18:41	30.01	69.7	4.66	2.9
SR4	10/3/2019 0:46	29.41	77.7	5.20	3.6	SR4	10/3/2019 6:46	29.28	79.4	5.29	3.7	SR4	10/3/2019 12:46	29.75	80.4	5.31	5.1	SR4	10/3/2019 18:46	29.96	71.3	4.74	**12.4**
SR4	10/3/2019 0:51	29.42	78.2	5.15	4.2	SR4	10/3/2019 6:51	29.31	80.8	5.34	4.1	SR4	10/3/2019 12:51	29.65	79.1	5.20	7.2	SR4	10/3/2019 18:51	29.94	71.6	4.76	2.9
SR4	10/3/2019 0:56	29.41	77.6	5.15	3.7	SR4	10/3/2019 6:56	29.32	81.5	5.37	4.0	SR4	10/3/2019 12:56	29.80	82.2	5.42	3.2	SR4	10/3/2019 18:56	29.86	76.9	5.04	3.4
SR4	10/3/2019 1:01	29.41	77.6	5.08	5.6	SR4	10/3/2019 7:01	29.30	82.5	5.43	8.8	SR4	10/3/2019 13:01	29.84	82.5	5.50	3.2	SR4	10/3/2019 19:01	29.86	71.3	4.75	2.7
SR4	10/3/2019 1:06	29.40	74.5	4.99	3.3	SR4	10/3/2019 7:06	29.32	82.9	5.52	6.3	SR4	10/3/2019 13:06	29.84	84.1	5.54	4.4	SR4	10/3/2019 19:06	29.81	71.9	4.82	2.5
SR4	10/3/2019 1:11	29.40	73.8	4.93	2.9	SR4	10/3/2019 7:11	29.34	82.8	5.51	5.6	SR4	10/3/2019 13:11	29.88	83.4	5.53	3.1	SR4	10/3/2019 19:11	29.78	72.6	4.88	5.3
SR4	10/3/2019 1:16	29.40	76.3	5.03	2.9	SR4	10/3/2019 7:16	29.36	87.4	5.73	7.2	SR4	10/3/2019 13:16	29.82	83.2	5.48	3.7	SR4	10/3/2019 19:16	29.79	71.9	4.80	2.7
SR4	10/3/2019 1:21	29.40	74.4	4.92	2.6	SR4	10/3/2019 7:21	29.37	86.8	5.67	5.5	SR4	10/3/2019 13:21	29.85	82.5	5.50	3.1	SR4	10/3/2019 19:21	29.79	73.8	4.82	2.9
SR4	10/3/2019 1:26	29.41	76.7	5.09	4.2	SR4	10/3/2019 7:26	29.38	87.1	5.69	6.1	SR4	10/3/2019 13:26	29.88	84.8	5.54	2.2	SR4	10/3/2019 19:26	29.79	71.7	4.75	3.2
SR4	10/3/2019 1:31	29.37	78.4	5.19	3.7	SR4	10/3/2019 7:31	29.39	85.8	5.71	5.2	SR4	10/3/2019 13:31	29.84	81.3	5.41	3.9	SR4	10/3/2019 19:31	29.86	74.8	4.94	3.1
SR4	10/3/2019 1:36	29.38	77.2	5.16	4.2	SR4	10/3/2019 7:36	29.40	87.5	5.71	5.6	SR4	10/3/2019 13:36	29.86	82.6	5.49	2.4	SR4	10/3/2019 19:36	29.85	71.2	4.77	2.5
SR4	10/3/2019 1:41	29.38	75.2	5.05	3.6	SR4	10/3/2019 7:41	29.41	87.5	5.75	**15.0**	SR4	10/3/2019 13:41	29.75	80.0	5.36	2.2	SR4	10/3/2019 19:41	29.72	70.4	4.64	2.3
SR4	10/3/2019 1:46	29.39	78.0	5.15	3.4	SR4	10/3/2019 7:46	29.40	86.9	5.76	6.9	SR4	10/3/2019 13:46	29.76	75.6	5.03	2.1	SR4	10/3/2019 19:46	29.68	67.3	4.50	2.5
SR4	10/3/2019 1:51	29.39	75.0	5.03	2.8	SR4	10/3/2019 7:51	29.41	86.9	5.78	5.4	SR4	10/3/2019 13:51	29.75	77.3	5.07	2.6	SR4	10/3/2019 19:51	29.78	69.7	4.63	2.7
SR4	10/3/2019 1:56	29.40	75.4	4.94	**16.3**	SR4	10/3/2019 7:56	29.43	87.8	5.79	5.4	SR4	10/3/2019 13:56	29.84	81.1	5.42	2.5	SR4	10/3/2019 19:56	29.75	68.9	4.52	2.5
SR4	10/3/2019 2:01	29.39	77.9	5.17	3.3	SR4	10/3/2019 8:01	29.43	86.7	5.75	**16.4**	SR4	10/3/2019 14:01	29.88	82.0	5.51	2.5	SR4	10/3/2019 20:01	29.78	70.2	4.68	2.7
SR4	10/3/2019 2:06	29.41	77.2	5.14	2.8	SR4	10/3/2019 8:06	29.44	88.7	5.81	4.2	SR4	10/3/2019 14:06	29.84	83.6	5.48	3.8	SR4	10/3/2019 20:06	29.79	70.0	4.64	2.3
SR4	10/3/2019 2:11	29.40	78.1	5.23	3.5	SR4	10/3/2019 8:11	29.47	88.3	5.87	3.9	SR4	10/3/2019 14:11	29.84	82.6	5.48	2.6	SR4	10/3/2019 20:11	29.76	71.0	4.70	2.9
SR4	10/3/2019 2:16	29.40	77.2	5.16	3.8	SR4	10/3/2019 8:16	29.45	87.2	5.86	**23.3**	SR4	10/3/2019 14:16	29.87	80.8	5.43	2.0	SR4	10/3/2019 20:16	29.62	70.7	4.74	2.8
SR4	10/3/2019 2:21	29.39	77.0	5.06	2.8	SR4	10/3/2019 8:21	29.46	88.5	5.81	4.6	SR4	10/3/2019 14:21	29.98	79.3	5.32	1.1	SR4	10/3/2019 20:21	29.67	67.5	4.52	5.1
SR4	10/3/2019 2:26	29.40	79.1	5.19	3.2	SR4	10/3/2019 8:26	29.45	87.0	5.79	5.1	SR4	10/3/2019 14:26	30.07	80.3	5.39	1.3	SR4	10/3/2019 20:26	29.61	66.1	4.41	3.2
SR4	10/3/2019 2:31	29.40	77.4	5.20	3.0	SR4	10/3/2019 8:31	29.47	88.4	5.84	4.5	SR4	10/3/2019 14:31	30.16	83.5	5.51	1.6	SR4	10/3/2019 20:31	29.70	76.3	5.09	8.3
SR4	10/3/2019 2:36	29.40	78.9	5.15	**18.9**	SR4	10/3/2019 8:36	29.47	86.7	5.82	4.2	SR4	10/3/2019 14:36	30.09	84.3	5.54	1.7	SR4	10/3/2019 20:36	29.65	68.0	4.53	6.2
SR4	10/3/2019 2:41	29.40	74.4	4.88	2.3	SR4	10/3/2019 8:41	29.43	87.1	5.79	4.1	SR4	10/3/2019 14:41	29.99	80.8	5.30	1.5	SR4	10/3/2019 20:41	29.73	73.9	4.88	**13.4**
SR4	10/3/2019 2:46	29.41	80.1	5.25	3.0	SR4	10/3/2019 8:46	29.45	87.6	5.82	4.0	SR4	10/3/2019 14:46	30.04	82.4	5.48	2.0	SR4	10/3/2019 20:46	29.70	77.0	5.12	5.8
SR4	10/3/2019 2:51	29.41	72.2	4.80	2.2	SR4	10/3/2019 8:51	29.45	87.9	5.81	4.5	SR4	10/3/2019 14:51	30.09	82.3	5.53	1.9	SR4	10/3/2019 20:51	29.70	78.3	5.15	9.6
SR4	10/3/2019 2:56	29.41	73.0	4.86	2.5	SR4	10/3/2019 8:56	29.47	88.5	5.82	5.5	SR4	10/3/2019 14:56	30.08	81.7	5.43	1.5	SR4	10/3/2019 20:56	29.66	84.3	5.61	**12.8**
SR4	10/3/2019 3:01	29.41	77.5	5.13	3.1	SR4	10/3/2019 9:01	29.49	87.0	5.83	4.2	SR4	10/3/2019 15:01	30.05	82.5	5.39	1.6	SR4	10/3/2019 21:01	29.66	82.9	5.54	3.9
SR4	10/3/2019 3:06	29.39	74.6	4.94	1.8	SR4	10/3/2019 9:06	29.47	87.3	5.78	6.2	SR4	10/3/2019 15:06	30.11	81.6	5.39	1.8	SR4	10/3/2019 21:06	29.65	84.0	5.58	3.9
SR4	10/3/2019 3:11	29.39	74.5	5.01	2.0	SR4	10/3/2019 9:11	29.46	85.8	5.65	6.0	SR4	10/3/2019 15:11	30.06	80.5	5.34	1.5	SR4	10/3/2019 21:11	29.64	82.3	5.50	3.7
SR4	10/3/2019 3:16	29.38	74.7	4.97	2.8	SR4	10/3/2019 9:16	29.48	85.7	5.63	5.1	SR4	10/3/2019 15:16	30.08	80.1	5.34	1.8	SR4	10/3/2019 21:16	29.62	82.6	5.46	**17.2**
SR4	10/3/2019 3:21	29.39	76.3	4.99	**18.2**	SR4	10/3/2019 9:21	29.50	84.6	5.59	6.0	SR4	10/3/2019 15:21	30.15	82.2	5.47	1.4	SR4	10/3/2019 21:21	29.61	82.2	5.46	4.6
SR4	10/3/2019 3:26	29.42	68.3	4.54	2.3	SR4	10/3/2019 9:26	29.51	85.4	5.70	4.3	SR4	10/3/2019 15:26	30.08	84.7	5.62	2.6	SR4	10/3/2019 21:26	29.60	81.5	5.37	4.2
SR4	10/3/2019 3:31	29.43	68.8	4.51	1.7	SR4	10/3/2019 9:31	29.52	85.7	5.70	5.3	SR4	10/3/2019 15:31	30.11	83.2	5.54	1.6	SR4	10/3/2019 21:31	29.60	83.2	5.45	**12.9**
SR4	10/3/2019 3:36	29.42	70.9	4.63	1.7	SR4	10/3/2019 9:36	29.54	85.5	5.59	4.5	SR4	10/3/2019 15:36	30.17	84.6	5.59	1.8	SR4	10/3/2019 21:36	29.58	79.6	5.25	6.8
SR4	10/3/2019 3:41	29.41	69.9	4.70	2.2	SR4	10/3/2019 9:41	29.57	87.0	5.70	5.8	SR4	10/3/2019 15:41	30.18	84.7	5.56	1.9	SR4	10/3/2019 21:41	29.57	78.8	5.29	5.8
SR4	10/3/2019 3:46	29.40	70.3	4.63	1.7	SR4	10/3/2019 9:46	29.44	84.2	5.53	7.3	SR4	10/3/2019 15:46	30.26	85.4	5.61	1.5	SR4	10/3/2019 21:46	29.56	79.2	5.20	5.5
SR4	10/3/2019 3:51	29.39	73.8	4.84	2.1	SR4	10/3/2019 9:51	29.47	85.6	5.68	8.2	SR4	10/3/2019 15:51	30.26	83.1	5.50	1.8	SR4	10/3/2019 21:51	29.56	78.0	5.20	5.1
SR4	10/3/2019 3:56	29.41	71.0	4.73	2.3	SR4	10/3/2019 9:56	29.51	85.5	5.73	6.3	SR4	10/3/2019 15:56	30.26	82.1	5.47	1.2	SR4	10/3/2019 21:56	29.56	77.1	5.18	5.5
SR4	10/3/2019 4:01	29.41	71.1	4.77	4.4	SR4	10/3/2019 10:01	29.53	86.6	5.78	4.9	SR4	10/3/2019 16:01	30.25	83.5	5.49	2.3	SR4	10/3/2019 22:01	29.56	75.6	5.01	3.6
SR4	10/3/2019 4:06	29.43	77.6	5.08	6.7	SR4	10/3/2019 10:06	29.53	85.7	5.72	4.6	SR4	10/3/2019 16:06	30.23	83.0	5.42	2.0	SR4	10/3/2019 22:06	29.56	77.7	5.19	6.7
SR4	10/3/2019 4:11	29.44	74.4	4.93	4.6	SR4	10/3/2019 10:11	29.55	85.1	5.72	5.0	SR4	10/3/2019 16:11	30.24	80.2	5.37	1.3	SR4	10/3/2019 22:11	29.55	75.6	4.99	**19.4**
SR4	10/3/2019 4:16	29.43	71.3	4.77	4.3	SR4	10/3/2019 10:16	29.50	84.2	5.65	5.6	SR4	10/3/2019 16:16	30.26	77.5	5.01	1.4	SR4	10/3/2019 22:16	29.55	73.5	4.93	**29.8**
SR4	10/3/2019 4:21	29.44	75.6	4.94	5.2	SR4	10/3/2019 10:21	29.54	85.5	5.73	4.2	SR4	10/3/2019 16:21	30.28	77.0	4.97	1.7	SR4	10/3/2019 22:21	29.55	75.2	4.95	7.0
SR4	10/3/2019 4:26	29.44	72.7	4.80	3.9	SR4	10/3/2019 10:26	29.54	86.3	5.69	6.0	SR4	10/3/2019 16:26	30.25	76.3	4.92	3.0	SR4	10/3/2019 22:26	29.54	72.5	4.86	6.5
SR4	10/3/2019 4:31	29.44	75.5	4.97	5.1	SR4	10/3/2019 10:31	29.49	83.6	5.59	6.3	SR4	10/3/2019 16:31	30.25	77.0	4.97	2.1	SR4	10/3/2019 22:31	29.54	73.2	4.83	4.8
SR4	10/3/2019 4:36	29.43	77.2	5.14	**16.6**	SR4	10/3/2019 10:36	29.47	83.2	5.56	7.1	SR4	10/3/2019 16:36	30.28	75.7	4.89	1.8	SR4	10/3/2019 22:36	29.53	75.9	4.98	**10.4**
SR4	10/3/2019 4:41	29.43	76.6	5.01	5.8	SR4	10/3/2019 10:41	29.47	84.7	5.54	**24.7**	SR4	10/3/2019 16:41	30.24	73.7	4.76	1.6	SR4	10/3/2019 22:41	29.53	75.0	4.90	6.1
SR4	10/3/2019 4:46	29.43	72.7	4.88	5.3	SR4	10/3/2019 10:46	29.47	82.7	5.51	8.1	SR4	10/3/2019 16:46	30.23	77.5	5.09	1.2	SR4	10/3/2019 22:46	29.52	72.4	4.85	5.9
SR4	10/3/2019 4:51	29.40	75.3	4.97	4.1	SR4	10/3/2019 10:51	29.46	81.0	5.36	8.0	SR4	10/3/2019 16:51	30.21	78.0	5.10	1.6	SR4	10/3/2019 22:51	29.52	74.8	4.95	6.5
SR4	10/3/2019 4:56	29.39	74.0	4.88	4.1	SR4	10/3/2019 10:56	29.46	79.8	5.29	7.9	SR4	10/3/2019 16:56	30.15	76.0	5.08	1.7	SR4	10/3/2019 22:56	29.51	74.0	4.84	3.7
SR4	10/3/2019 5:01	29.42	74.7	4.98	9.6	SR4	10/3/2019 11:01	29.46	78.3	5.24	6.6	SR4	10/3/2019 17:01	30.17	74.4	4.92	1.5	SR4	10/3/2019 23:01	29.51	72.9	4.82	6.8
SR4	10/3/2019 5:06	29.40	74.4	4.88	4.9	SR4	10/3/2019 11:06	29.46	79.5	5.19	5.8	SR4	10/3/2019 17:06	30.12	73.4	4.80	1.0	SR4	10/3/2019 23:06	29.51	70.8	4.66	4.1
SR4	10/3/2019 5:11	29.42	74.7	4.90	4.7	SR4	10/3/2019 11:11	29.45	78.6	5.13	8.1	SR4	10/3/2019 17:11	30.15	72.8	4.85	3.0	SR4	10/3/2019 23:11	29.50	74.1	4.93	8.4
SR4	10/3/2019 5:16	29.42	76.0	4.96	5.2	SR4	10/3/2019 11:16	29.44	76.1	5.08	9.1	SR4	10/3/2019 17:16	30.04	74.4	4.87	1.3	SR4	10/3/2019 23:16	29.51	73.9	4.95	3.8
SR4	10/3/2019 5:21	29.41	74.4	4.86	5.8	SR4	10/3/2019 11:21	29.43	78.4	5.23	**12.6**	SR4	10/3/2019 17:21	30.17	76.7	5.10	2.2	SR4	10/3/2019 23:21	29.49	75.3	5.01	4.1
SR4	10/3/2019 5:26	29.35	67.6	4.53	2.8	SR4	10/3/2019 11:26	29.44	77.6	5.21	**10.4**	SR4	10/3/2019 17:26	30.12	76.7	5.07	2.2	SR4	10/3/2019 23:26	29.50	74.6	4.95	6.9
SR4	10/3/2019 5:31	29.40	74.2	4.85	4.6	SR4	10/3/2019 11:31	29.44	79.5	5.27	**10.1**	SR4	10/3/2019 17:31	29.92	72.5	4.86	1.4	SR4	10/3/2019 23:31	29.50	72.3	4.85	4.2
SR4	10/3/2019 5:36	29.41	72.1	4.83	5.8	SR4	10/3/2019 11:36	29.44	77.2	5.16	**10.7**	SR4	10/3/2019 17:36	30.14	74.3	4.98	2.3	SR4	10/3/2019 23:36	29.49	72.0	4.75	5.2
SR4	10/3/2019 5:41	29.40	73.5	4.91	6.4	SR4	10/3/2019 11:41	29.46	78.6	5.25	9.9	SR4	10/3/2019 17:41	29.82	66.1	4.35	0.9	SR4	10/3/2019 23:41	29.49	74.8	4.90	4.9
SR4	10/3/2019 5:46	29.30	66.0	4.36	**14.6**	SR4	10/3/2019 11:46	29.52	80.3	5.38	5.6	SR4	10/3/2019 17:46	29.85	64.5	4.28	1.6	SR4	10/3/2019 23:46	29.49	72.1	4.72	4.0
SR4	10/3/2019 5:51	29.34	72.8	4.83	5.1	SR4	10/3/2019 11:51	29.61	79.6	5.28	6.2	SR4	10/3/2019 17:51	30.07	70.7	4.73	2.3	SR4	10/3/2019 23:51	29.49	68.2	4.55	2.9
SR4	10/3/2019 5:56	29.33	77.2	5.04	3.9	SR4	10/3/2019 11:56	29.52	77.4	5.18	6.8	SR4	10/3/2019 17:56	30.04	70.4	4.72	1.5	SR4	10/3/2019 23:56	29.44	71.0	4.70	2.9

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	10/3/2019 0:00	29.45	74.2	5.25	6.9	SR5	10/3/2019 6:00	29.65	81.9	5.24	6.4	SR5	10/3/2019 12:00	29.53	77.7	5.27	6.9	SR5	10/3/2019 18:00	30.17	88.3	5.60	6.6
SR5	10/3/2019 0:05	29.45	73.9	5.22	7.2	SR5	10/3/2019 6:05	29.64	81.7	5.22	6.5	SR5	10/3/2019 12:05	29.53	78.1	5.30	6.8	SR5	10/3/2019 18:05	30.18	87.5	5.55	7.0
SR5	10/3/2019 0:10	29.46	73.9	5.22	6.2	SR5	10/3/2019 6:10	29.68	82.7	5.29	5.9	SR5	10/3/2019 12:10	29.54	77.7	5.25	6.4	SR5	10/3/2019 18:10	30.15	87.3	5.54	7.4
SR5	10/3/2019 0:15	29.45	74.5	5.26	6.2	SR5	10/3/2019 6:15	29.69	82.8	5.30	7.1	SR5	10/3/2019 12:15	29.52	78.1	5.30	6.3	SR5	10/3/2019 18:15	30.15	86.8	5.51	5.8
SR5	10/3/2019 0:20	29.44	76.1	5.31	5.9	SR5	10/3/2019 6:20	29.68	83.2	5.65	6.2	SR5	10/3/2019 12:20	29.51	78.3	5.27	5.8	SR5	10/3/2019 18:20	30.17	87.1	5.53	6.6
SR5	10/3/2019 0:25	29.48	76.4	5.33	6.7	SR5	10/3/2019 6:25	29.69	83.3	5.66	7.3	SR5	10/3/2019 12:25	29.52	78.2	5.31	6.4	SR5	10/3/2019 18:25	30.17	87.9	5.58	5.3
SR5	10/3/2019 0:30	29.47	76.7	5.32	7.3	SR5	10/3/2019 6:30	29.66	84.1	5.70	6.0	SR5	10/3/2019 12:30	29.53	78.2	5.27	6.7	SR5	10/3/2019 18:30	30.20	87.9	5.58	6.2
SR5	10/3/2019 0:35	29.47	76.8	5.35	6.7	SR5	10/3/2019 6:35	29.64	84.2	5.72	7.3	SR5	10/3/2019 12:35	29.54	78.2	5.27	6.8	SR5	10/3/2019 18:35	30.19	87.8	5.57	6.3
SR5	10/3/2019 0:40	29.46	76.1	5.29	7.9	SR5	10/3/2019 6:40	29.65	84.2	5.73	5.6	SR5	10/3/2019 12:40	29.52	77.8	5.26	7.7	SR5	10/3/2019 18:40	30.18	88.0	5.58	6.1
SR5	10/3/2019 0:45	29.46	76.3	5.34	6.5	SR5	10/3/2019 6:45	29.65	84.4	5.75	7.8	SR5	10/3/2019 12:45	29.49	77.4	5.24	6.0	SR5	10/3/2019 18:45	30.16	87.9	5.58	6.0
SR5	10/3/2019 0:50	29.45	76.9	5.32	7.0	SR5	10/3/2019 6:50	29.66	83.8	5.68	6.2	SR5	10/3/2019 12:50	29.57	77.8	5.24	6.6	SR5	10/3/2019 18:50	30.15	89.1	5.66	6.2
SR5	10/3/2019 0:55	29.45	77.2	5.38	6.3	SR5	10/3/2019 6:55	29.70	84.6	5.74	6.5	SR5	10/3/2019 12:55	29.52	77.9	5.24	6.3	SR5	10/3/2019 18:55	30.15	88.6	5.63	7.0
SR5	10/3/2019 1:00	29.45	76.9	5.36	7.4	SR5	10/3/2019 7:00	29.69	84.1	5.71	6.5	SR5	10/3/2019 13:00	29.50	78.0	5.27	5.5	SR5	10/3/2019 19:00	30.13	88.8	5.64	6.0
SR5	10/3/2019 1:05	29.44	77.2	5.36	6.3	SR5	10/3/2019 7:05	29.68	84.0	5.67	6.3	SR5	10/3/2019 13:05	29.52	77.3	5.24	6.7	SR5	10/3/2019 19:05	30.10	88.1	5.60	7.2
SR5	10/3/2019 1:10	29.44	77.5	5.38	5.7	SR5	10/3/2019 7:10	29.68	83.9	5.70	6.4	SR5	10/3/2019 13:10	29.50	77.4	5.22	5.8	SR5	10/3/2019 19:10	30.12	87.7	5.58	6.5
SR5	10/3/2019 1:15	29.45	77.7	5.28	7.3	SR5	10/3/2019 7:15	29.67	83.2	5.66	6.9	SR5	10/3/2019 13:15	29.51	77.5	5.24	6.6	SR5	10/3/2019 19:15	30.07	87.1	5.54	5.6
SR5	10/3/2019 1:20	29.44	77.8	5.27	6.2	SR5	10/3/2019 7:20	29.67	83.0	5.62	6.7	SR5	10/3/2019 13:20	29.52	77.4	5.25	6.8	SR5	10/3/2019 19:20	30.07	87.3	5.55	5.7
SR5	10/3/2019 1:25	29.44	77.7	5.27	6.8	SR5	10/3/2019 7:25	29.62	82.9	5.59	5.9	SR5	10/3/2019 13:25	29.49	77.2	5.23	6.7	SR5	10/3/2019 19:25	30.06	87.9	5.60	6.0
SR5	10/3/2019 1:30	29.47	78.3	5.27	7.2	SR5	10/3/2019 7:30	29.62	82.9	5.59	6.4	SR5	10/3/2019 13:30	29.88	77.7	5.25	6.7	SR5	10/3/2019 19:30	30.12	87.7	5.57	6.3
SR5	10/3/2019 1:35	29.47	78.6	5.35	7.3	SR5	10/3/2019 7:35	29.61	82.9	5.64	6.0	SR5	10/3/2019 13:35	29.73	77.3	5.36	6.5	SR5	10/3/2019 19:35	30.14	86.7	5.51	5.3
SR5	10/3/2019 1:40	29.49	78.9	5.35	6.6	SR5	10/3/2019 7:40	29.62	83.0	5.63	6.3	SR5	10/3/2019 13:40	29.61	77.1	5.34	6.8	SR5	10/3/2019 19:40	30.11	86.5	5.50	7.0
SR5	10/3/2019 1:45	29.49	78.9	5.33	7.3	SR5	10/3/2019 7:45	29.63	82.7	5.61	7.4	SR5	10/3/2019 13:45	29.61	77.4	5.38	7.1	SR5	10/3/2019 19:45	30.12	86.1	5.47	5.6
SR5	10/3/2019 1:50	29.49	79.0	5.33	6.9	SR5	10/3/2019 7:50	29.63	81.9	5.25	7.3	SR5	10/3/2019 13:50	29.92	78.2	5.29	6.2	SR5	10/3/2019 19:50	30.10	86.4	5.49	5.5
SR5	10/3/2019 1:55	29.51	79.3	5.37	6.4	SR5	10/3/2019 7:55	29.62	81.9	5.25	7.3	SR5	10/3/2019 13:55	29.80	78.1	5.26	7.0	SR5	10/3/2019 19:55	30.09	86.3	5.49	4.9
SR5	10/3/2019 2:00	29.50	79.5	5.41	7.2	SR5	10/3/2019 8:00	29.61	82.0	5.26	5.8	SR5	10/3/2019 14:00	29.80	77.4	5.20	5.9	SR5	10/3/2019 20:00	30.09	86.8	5.52	6.0
SR5	10/3/2019 2:05	29.51	79.7	5.41	6.9	SR5	10/3/2019 8:05	29.62	82.2	5.26	6.4	SR5	10/3/2019 14:05	29.79	78.2	5.28	6.6	SR5	10/3/2019 20:05	30.07	86.2	5.48	5.9
SR5	10/3/2019 2:10	29.51	79.8	5.39	6.2	SR5	10/3/2019 8:10	29.61	82.0	5.26	7.5	SR5	10/3/2019 14:10	29.72	77.6	5.23	6.5	SR5	10/3/2019 20:10	30.08	86.3	5.49	6.4
SR5	10/3/2019 2:15	29.51	79.6	5.39	7.6	SR5	10/3/2019 8:15	29.62	82.0	5.25	6.7	SR5	10/3/2019 14:15	29.71	77.9	5.24	5.2	SR5	10/3/2019 20:15	30.07	86.6	5.51	5.4
SR5	10/3/2019 2:20	29.51	79.8	5.41	7.0	SR5	10/3/2019 8:20	29.62	81.8	5.24	5.7	SR5	10/3/2019 14:20	29.73	77.6	5.24	5.8	SR5	10/3/2019 20:20	30.07	86.5	5.50	6.4
SR5	10/3/2019 2:25	29.51	80.2	5.45	6.3	SR5	10/3/2019 8:25	29.62	82.2	5.55	6.3	SR5	10/3/2019 14:25	29.87	78.5	5.26	5.7	SR5	10/3/2019 20:25	30.07	85.9	5.46	7.1
SR5	10/3/2019 2:30	29.52	80.4	5.46	6.0	SR5	10/3/2019 8:30	29.64	81.7	5.54	6.2	SR5	10/3/2019 14:30	29.85	78.3	5.30	7.0	SR5	10/3/2019 20:30	30.05	85.8	5.46	5.6
SR5	10/3/2019 2:35	29.52	80.1	5.43	6.8	SR5	10/3/2019 8:35	29.64	81.9	5.58	6.6	SR5	10/3/2019 14:35	29.86	78.6	5.29	6.6	SR5	10/3/2019 20:35	30.04	85.9	5.47	7.0
SR5	10/3/2019 2:40	29.49	80.9	5.47	7.7	SR5	10/3/2019 8:40	29.63	82.3	5.56	7.2	SR5	10/3/2019 14:40	29.78	78.2	5.28	5.6	SR5	10/3/2019 20:40	30.01	86.8	5.53	5.7
SR5	10/3/2019 2:45	29.48	81.2	5.48	5.8	SR5	10/3/2019 8:45	29.63	82.4	5.60	6.4	SR5	10/3/2019 14:45	29.82	78.0	5.27	6.3	SR5	10/3/2019 20:45	30.02	86.3	5.49	6.3
SR5	10/3/2019 2:50	29.49	81.2	5.48	5.6	SR5	10/3/2019 8:50	29.65	82.2	5.60	6.6	SR5	10/3/2019 14:50	29.83	78.6	5.32	6.0	SR5	10/3/2019 20:50	30.01	85.7	5.46	6.2
SR5	10/3/2019 2:55	29.52	81.4	5.50	6.7	SR5	10/3/2019 8:55	29.66	82.7	5.63	6.2	SR5	10/3/2019 14:55	29.84	78.7	5.32	6.2	SR5	10/3/2019 20:55	30.00	83.5	5.32	6.1
SR5	10/3/2019 3:00	29.53	81.3	5.52	7.0	SR5	10/3/2019 9:00	29.64	82.0	5.56	6.5	SR5	10/3/2019 15:00	29.86	78.8	5.29	6.9	SR5	10/3/2019 21:00	29.99	86.6	5.52	6.0
SR5	10/3/2019 3:05	29.53	81.1	5.48	6.1	SR5	10/3/2019 9:05	29.63	81.8	5.52	6.1	SR5	10/3/2019 15:05	29.92	79.6	5.36	5.8	SR5	10/3/2019 21:05	29.99	86.3	5.50	6.6
SR5	10/3/2019 3:10	29.51	81.3	5.49	6.3	SR5	10/3/2019 9:10	29.63	81.3	5.50	7.0	SR5	10/3/2019 15:10	29.89	79.9	5.38	6.2	SR5	10/3/2019 21:10	29.98	84.9	5.41	6.2
SR5	10/3/2019 3:15	29.52	81.1	5.48	5.5	SR5	10/3/2019 9:15	29.64	81.0	5.49	6.3	SR5	10/3/2019 15:15	29.95	80.5	5.45	6.5	SR5	10/3/2019 21:15	29.97	85.2	5.43	6.0
SR5	10/3/2019 3:20	29.52	81.6	5.52	7.0	SR5	10/3/2019 9:20	29.62	81.2	5.49	6.9	SR5	10/3/2019 15:20	29.92	80.3	5.44	5.7	SR5	10/3/2019 21:20	29.98	84.0	5.35	6.0
SR5	10/3/2019 3:25	29.52	81.8	5.57	6.3	SR5	10/3/2019 9:25	29.63	80.9	5.47	6.3	SR5	10/3/2019 15:25	29.93	82.7	5.25	6.8	SR5	10/3/2019 21:25	29.98	83.9	5.34	6.5
SR5	10/3/2019 3:30	29.52	81.7	5.53	6.8	SR5	10/3/2019 9:30	29.64	81.1	5.52	6.9	SR5	10/3/2019 15:30	29.93	82.6	5.24	6.9	SR5	10/3/2019 21:30	29.96	84.2	5.36	5.7
SR5	10/3/2019 3:35	29.51	82.1	5.57	7.2	SR5	10/3/2019 9:35	29.65	81.0	5.49	6.3	SR5	10/3/2019 15:35	29.95	83.4	5.29	7.1	SR5	10/3/2019 21:35	29.94	85.1	5.42	6.1
SR5	10/3/2019 3:40	29.51	82.2	5.60	7.1	SR5	10/3/2019 9:40	29.66	80.7	5.47	5.8	SR5	10/3/2019 15:40	29.96	84.0	5.33	7.0	SR5	10/3/2019 21:40	29.94	84.8	5.40	5.4
SR5	10/3/2019 3:45	29.51	82.0	5.54	6.5	SR5	10/3/2019 9:45	29.67	81.2	5.48	6.3	SR5	10/3/2019 15:45	29.92	83.2	5.28	6.4	SR5	10/3/2019 21:45	29.95	83.4	5.31	5.3
SR5	10/3/2019 3:50	29.53	82.1	5.55	7.5	SR5	10/3/2019 9:50	29.66	80.7	5.46	6.5	SR5	10/3/2019 15:50	29.99	84.0	5.33	6.0	SR5	10/3/2019 21:50	29.94	83.0	5.29	6.2
SR5	10/3/2019 3:55	29.53	82.5	5.60	7.4	SR5	10/3/2019 9:55	29.68	80.3	5.43	6.3	SR5	10/3/2019 15:55	29.96	83.0	5.27	5.9	SR5	10/3/2019 21:55	29.83	80.8	5.14	6.8
SR5	10/3/2019 4:00	29.54	82.8	5.64	7.2	SR5	10/3/2019 10:00	29.69	80.1	5.44	6.6	SR5	10/3/2019 16:00	30.07	85.2	5.40	7.0	SR5	10/3/2019 22:00	29.81	79.5	5.40	4.9
SR5	10/3/2019 4:05	29.54	82.6	5.62	6.5	SR5	10/3/2019 10:05	29.67	79.9	5.41	6.9	SR5	10/3/2019 16:05	30.12	85.7	5.43	6.9	SR5	10/3/2019 22:05	29.78	79.5	5.38	5.0
SR5	10/3/2019 4:10	29.51	83.0	5.63	6.9	SR5	10/3/2019 10:10	29.70	79.7	5.40	6.8	SR5	10/3/2019 16:10	30.14	86.3	5.46	6.3	SR5	10/3/2019 22:10	29.78	79.5	5.36	5.6
SR5	10/3/2019 4:15	29.54	83.2	5.62	6.2	SR5	10/3/2019 10:15	29.72	79.6	5.38	7.0	SR5	10/3/2019 16:15	30.13	85.2	5.40	7.0	SR5	10/3/2019 22:15	29.78	79.0	5.36	5.4
SR5	10/3/2019 4:20	29.53	82.7	5.59	6.3	SR5	10/3/2019 10:20	29.73	79.6	5.37	6.8	SR5	10/3/2019 16:20	30.11	85.2	5.40	6.2	SR5	10/3/2019 22:20	29.77	79.7	5.41	4.8
SR5	10/3/2019 4:25	29.52	82.7	5.64	6.3	SR5	10/3/2019 10:25	29.70	79.4	5.35	5.7	SR5	10/3/2019 16:25	30.15	86.1	5.45	6.2	SR5	10/3/2019 22:25	29.82	79.8	5.40	6.4
SR5	10/3/2019 4:30	29.50	82.7	5.61	7.0	SR5	10/3/2019 10:30	29.71	79.4	5.37	6.6	SR5	10/3/2019 16:30	30.18	86.7	5.49	7.6	SR5	10/3/2019 22:30	29.77	79.9	5.42	5.9
SR5	10/3/2019 4:35	29.52	82.5	5.62	5.9	SR5	10/3/2019 10:35	29.76	79.5	5.40	6.5	SR5	10/3/2019 16:35	30.19	86.5	5.48	6.8	SR5	10/3/2019 22:35	29.76	79.4	5.36	5.3
SR5	10/3/2019 4:40	29.52	82.5	5.61	6.1	SR5	10/3/2019 10:40	29.72	79.2	5.39	6.0	SR5	10/3/2019 16:40	30.18	86.4	5.47	6.0	SR5	10/3/2019 22:40	29.76	79.8	5.38	5.6
SR5	10/3/2019 4:45	29.55	83.6	5.68	6.0	SR5	10/3/2019 10:45	29.68	79.1	5.35	6.9	SR5	10/3/2019 16:45	30.19	87.0	5.51	5.5	SR5	10/3/2019 22:45	29.74	79.8	5.38	5.7
SR5	10/3/2019 4:50	29.55	82.6	5.28	7.6	SR5	10/3/2019 10:50	29.66	79.0	5.33	6.5	SR5	10/3/2019 16:50	30.22	87.6	5.54	5.5	SR5	10/3/2019 22:50	29.73	79.4	5.37	6.5
SR5	10/3/2019 4:55	29.57	82.5	5.28	7.3	SR5	10/3/2019 10:55	29.65	79.1	5.36	7.2	SR5	10/3/2019 16:55	30.21	87.0	5.51	6.3	SR5	10/3/2019 22:55	29.70	79.2	5.38	5.0
SR5	10/3/2019 5:00	29.56	82.1	5.25	6.6	SR5	10/3/2019 11:00	29.64	79.1	5.33	5.8	SR5	10/3/2019 17:00	30.22	86.8	5.50	5.8	SR5	10/3/2019 23:00	29.69	79.4	5.35	4.9
SR5	10/3/2019 5:05	29.56	82.5	5.28	5.9	SR5	10/3/2019 11:05	29.59	78.7	5.33	7.2	SR5	10/3/2019 17:05	30.21	86.9	5.50	6.2	SR5	10/3/2019 23:05	29.69	78.8	5.31	6.5
SR5	10/3/2019 5:10	29.57	82.9	5.31	5.7	SR5	10/3/2019 11:10	29.59	78.4	5.29	6.5	SR5	10/3/2019 17:10	30.18	87.9	5.57	6.5	SR5	10/3/2019 23:10	29.66	78.5	5.29	5.7
SR5	10/3/2019 5:15	29.58	82.9	5.31	6.9	SR5	10/3/2019 11:15	29.61	78.3	5.28	6.7	SR5	10/3/2019 17:15	30.18	88.1	5.58	7.0	SR5	10/3/2019 23:15	29.63	78.1	5.26	6.8
SR5	10/3/2019 5:20	29.59	83.1	5.32	7.7	SR5	10/3/2019 11:20	29.65	78.3	5.29	6.0	SR5	10/3/2019 17:20	30.19	87.0	5.51	6.3	SR5	10/3/2019 23:20	29.63	78.4	5.29	5.5
SR5	10/3/2019 5:25	29.59	82.9	5.30	7.0	SR5	10/3/2019 11:25	29.63	78.3	5.28	6.4	SR5	10/3/2019 17:25	30.19	87.4	5.54	6.8	SR5	10/3/2019 23:25	29.59	78.0	5.27	4.7
SR5	10/3/2019 5:30	29.60	82.5	5.28	6.4	SR5	10/3/2019 11:30	29.64	78.1	5.30	7.1	SR5	10/3/2019 17:30	30.18	88.7	5.63	5.7	SR5	10/3/2019 23:30	29.56	78.5	5.30	5.4
SR5	10/3/2019 5:35	29.59	82.0	5.25	7.2	SR5						SR5	10/3/2019 17:35	30.16	87.7	5.56	7.2	SR5	10/3/2019 23:35	29.55	78.8	5.34	5.2
SR5	10/3/2019 5:40	29.59	81.6	5.22	7.4	SR5						SR5	10/3/2019 17:40	30.15	87.4	5.54	6.7	SR5	10/3/2019 23:40	29.54	79.5	5.38	5.2
SR5	10/3/2019 5:45	29.60	80.0	**5.12**	6.6	SR5						SR5	10/3/2019 17:45	30.16	87.6	5.56	6.7	SR5	10/3/2019 23:45	29.54	79.5	5.38	5.7
SR5	10/3/2019 5:50	29.59	81.9	5.24	6.9	SR5						SR5	10/3/2019 17:50	30.16	87.8	5.57	7.3	SR5	10/3/2019 23:50	29.54	79.4	5.39	5.6
SR5	10/3/2019 5:55	29.63	81.6	5.21	6.5	SR5	10/3/2019 11:55	29.54	77.7	5.25	6.0	SR5	10/3/2019 17:55	30.17	87.8	5.57	6.5	SR5	10/3/2019 23:55	29.55	78.9	5.34	4.9

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	10/3/2019 0:01	29.46	74.5	4.97	6.0	SR12	10/3/2019 6:01	29.61	80.0	5.63	5.2	SR12	10/3/2019 12:01	29.47	72.9	5.28	4.0	SR12	10/3/2019 18:01	29.53	77.4	5.56	5.6
SR12	10/3/2019 0:06	29.46	74.5	4.96	8.6	SR12	10/3/2019 6:06	29.63	81.1	5.67	5.6	SR12	10/3/2019 12:06	29.50	73.5	5.27	**10.3**	SR12	10/3/2019 18:06	29.54	78.6	5.61	5.1
SR12	10/3/2019 0:11	29.44	76.0	5.08	5.7	SR12	10/3/2019 6:11	29.66	82.7	5.74	5.7	SR12	10/3/2019 12:11	29.50	74.8	5.39	**12.1**	SR12	10/3/2019 18:11	29.54	77.2	5.53	**10.0**
SR12	10/3/2019 0:16	29.44	76.8	5.16	7.4	SR12	10/3/2019 6:16	29.50	76.9	5.42	5.1	SR12	10/3/2019 12:16	29.49	73.7	5.31	3.0	SR12	10/3/2019 18:16	29.55	79.8	5.68	4.5
SR12	10/3/2019 0:21	29.44	75.5	5.08	5.7	SR12	10/3/2019 6:21	29.40	78.9	5.51	5.2	SR12	10/3/2019 12:21	29.48	74.4	5.38	4.1	SR12	10/3/2019 18:21	29.56	78.0	5.59	5.3
SR12	10/3/2019 0:26	29.44	75.7	5.08	5.6	SR12	10/3/2019 6:26	29.51	76.9	5.40	5.1	SR12	10/3/2019 12:26	29.47	74.7	5.40	4.8	SR12	10/3/2019 18:26	29.55	78.6	5.67	**14.7**
SR12	10/3/2019 0:31	29.44	74.7	5.00	6.2	SR12	10/3/2019 6:31	29.52	78.0	5.48	4.5	SR12	10/3/2019 12:31	29.43	74.4	5.34	3.9	SR12	10/3/2019 18:31	29.56	78.2	5.57	5.4
SR12	10/3/2019 0:36	29.43	75.9	5.09	5.7	SR12	10/3/2019 6:36	29.62	78.9	5.54	5.4	SR12	10/3/2019 12:36	29.40	75.2	5.38	4.4	SR12	10/3/2019 18:36	29.55	78.8	5.66	5.3
SR12	10/3/2019 0:41	29.45	77.4	5.17	6.1	SR12	10/3/2019 6:41	29.48	79.4	5.59	4.5	SR12	10/3/2019 12:41	29.39	74.8	5.42	4.6	SR12	10/3/2019 18:41	29.56	79.6	5.70	5.5
SR12	10/3/2019 0:46	29.47	77.1	5.17	5.6	SR12	10/3/2019 6:46	29.40	81.1	5.66	6.0	SR12	10/3/2019 12:46	29.39	76.2	5.45	**11.7**	SR12	10/3/2019 18:46	29.57	78.3	5.65	3.8
SR12	10/3/2019 0:51	29.45	77.5	5.19	5.3	SR12	10/3/2019 6:51	29.34	80.8	5.63	5.6	SR12	10/3/2019 12:51	29.39	73.2	5.25	3.2	SR12	10/3/2019 18:51	29.55	77.9	5.58	4.8
SR12	10/3/2019 0:56	29.46	76.8	5.15	5.5	SR12	10/3/2019 6:56	29.43	80.3	5.61	6.1	SR12	10/3/2019 12:56	29.39	75.9	5.43	4.2	SR12	10/3/2019 18:56	29.57	77.7	5.57	5.0
SR12	10/3/2019 1:01	29.47	75.8	5.07	5.7	SR12	10/3/2019 7:01	29.54	80.5	5.65	6.7	SR12	10/3/2019 13:01	29.39	71.7	5.19	3.7	SR12	10/3/2019 19:01	29.57	78.1	5.58	4.5
SR12	10/3/2019 1:06	29.47	75.8	5.08	5.4	SR12	10/3/2019 7:06	29.42	79.3	5.59	5.2	SR12	10/3/2019 13:06	29.37	72.2	5.22	6.7	SR12	10/3/2019 19:06	29.58	78.3	5.58	6.4
SR12	10/3/2019 1:11	29.47	75.8	5.07	5.0	SR12	10/3/2019 7:11	29.45	78.3	5.53	5.6	SR12	10/3/2019 13:11	29.38	74.5	5.36	3.2	SR12	10/3/2019 19:11	29.59	77.0	5.54	3.8
SR12	10/3/2019 1:16	29.47	75.0	5.05	6.0	SR12	10/3/2019 7:16	29.50	78.4	5.50	4.2	SR12	10/3/2019 13:16	29.38	73.5	5.30	3.4	SR12	10/3/2019 19:16	29.59	79.0	5.66	6.0
SR12	10/3/2019 1:21	29.48	75.0	5.04	5.3	SR12	10/3/2019 7:21	29.44	79.5	5.58	5.4	SR12	10/3/2019 13:21	29.37	74.4	5.41	3.2	SR12	10/3/2019 19:21	29.58	76.9	5.49	5.2
SR12	10/3/2019 1:26	29.47	75.0	5.00	5.2	SR12	10/3/2019 7:26	29.37	80.2	5.59	5.9	SR12	10/3/2019 13:26	29.37	73.0	5.27	4.0	SR12	10/3/2019 19:26	29.59	77.1	5.50	4.5
SR12	10/3/2019 1:31	29.47	74.8	5.00	5.2	SR12	10/3/2019 7:31	29.46	79.0	5.54	6.0	SR12	10/3/2019 13:31	29.37	73.9	5.29	**11.2**	SR12	10/3/2019 19:31	29.60	76.5	5.48	5.4
SR12	10/3/2019 1:36	29.47	78.8	5.27	6.2	SR12	10/3/2019 7:36	29.47	78.6	5.52	5.8	SR12	10/3/2019 13:36	29.37	70.3	5.10	3.8	SR12	10/3/2019 19:36	29.61	77.4	5.57	5.0
SR12	10/3/2019 1:41	29.47	78.7	5.27	6.2	SR12	10/3/2019 7:41	29.55	79.9	5.57	5.6	SR12	10/3/2019 13:41	29.36	71.5	5.16	3.2	SR12	10/3/2019 19:41	29.62	77.8	5.59	5.4
SR12	10/3/2019 1:46	29.64	79.5	5.54	3.8	SR12	10/3/2019 7:46	29.48	78.1	5.47	5.8	SR12	10/3/2019 13:46	29.35	71.3	5.12	3.4	SR12	10/3/2019 19:46	29.63	76.8	5.47	5.2
SR12	10/3/2019 1:51	29.76	77.9	5.48	3.8	SR12	10/3/2019 7:51	29.38	78.1	5.50	5.3	SR12	10/3/2019 13:51	29.34	71.3	5.20	2.8	SR12	10/3/2019 19:51	29.64	79.2	5.65	5.1
SR12	10/3/2019 1:56	29.78	77.7	5.44	4.7	SR12	10/3/2019 7:56	29.36	78.1	5.50	4.4	SR12	10/3/2019 13:56	29.34	71.7	5.17	3.3	SR12	10/3/2019 19:56	29.58	77.1	5.51	6.0
SR12	10/3/2019 2:01	29.83	79.3	5.56	3.7	SR12	10/3/2019 8:01	29.32	79.0	5.53	5.8	SR12	10/3/2019 14:01	29.32	73.2	5.26	3.2	SR12	10/3/2019 20:01	29.59	78.1	5.60	6.5
SR12	10/3/2019 2:06	29.70	78.0	5.44	3.7	SR12	10/3/2019 8:06	29.41	78.4	5.53	6.6	SR12	10/3/2019 14:06	29.31	72.4	5.25	4.3	SR12	10/3/2019 20:06	29.61	77.1	5.56	5.8
SR12	10/3/2019 2:11	29.75	77.6	5.40	3.3	SR12	10/3/2019 8:11	29.52	76.6	5.41	5.1	SR12	10/3/2019 14:11	29.33	71.4	5.19	5.2	SR12	10/3/2019 20:11	29.62	78.5	5.65	4.9
SR12	10/3/2019 2:16	29.77	75.8	5.31	3.1	SR12	10/3/2019 8:16	29.41	77.9	5.49	6.1	SR12	10/3/2019 14:16	29.33	75.2	5.39	5.8	SR12	10/3/2019 20:16	29.62	77.8	5.60	4.4
SR12	10/3/2019 2:21	29.81	76.7	5.35	4.3	SR12	10/3/2019 8:21	29.41	78.0	5.51	6.0	SR12	10/3/2019 14:21	29.33	73.7	5.32	5.3	SR12	10/3/2019 20:21	29.62	78.0	5.64	4.2
SR12	10/3/2019 2:26	29.84	77.8	5.41	3.2	SR12	10/3/2019 8:26	29.45	78.2	5.46	5.4	SR12	10/3/2019 14:26	29.33	72.1	5.24	4.6	SR12	10/3/2019 20:26	29.59	77.6	5.61	5.3
SR12	10/3/2019 2:31	29.81	77.8	5.41	3.4	SR12	10/3/2019 8:31	29.54	77.5	5.44	6.9	SR12	10/3/2019 14:31	29.33	74.6	5.35	5.4	SR12	10/3/2019 20:31	29.62	77.8	5.61	4.8
SR12	10/3/2019 2:36	29.73	78.4	5.47	3.5	SR12	10/3/2019 8:36	29.41	77.4	5.43	6.5	SR12	10/3/2019 14:36	29.35	72.0	5.19	5.2	SR12	10/3/2019 20:36	29.62	79.0	5.65	5.0
SR12	10/3/2019 2:41	29.67	76.6	5.39	3.5	SR12	10/3/2019 8:41	29.38	78.2	5.46	5.8	SR12	10/3/2019 14:41	29.36	74.2	5.34	5.1	SR12	10/3/2019 20:41	29.60	78.0	5.63	6.0
SR12	10/3/2019 2:46	29.82	75.5	5.31	4.4	SR12	10/3/2019 8:46	29.57	72.8	5.30	6.6	SR12	10/3/2019 14:46	29.37	74.7	5.39	9.9	SR12	10/3/2019 20:46	29.60	76.3	5.50	6.1
SR12	10/3/2019 2:51	29.64	76.9	5.37	3.7	SR12	10/3/2019 8:51	29.57	75.1	5.39	7.1	SR12	10/3/2019 14:51	29.38	73.9	5.29	5.4	SR12	10/3/2019 20:51	29.60	78.6	5.61	**15.0**
SR12	10/3/2019 2:56	29.71	74.4	5.23	4.4	SR12	10/3/2019 8:56	29.58	73.9	5.32	6.5	SR12	10/3/2019 14:56	29.40	71.5	5.19	5.0	SR12	10/3/2019 20:56	29.60	76.7	5.52	6.0
SR12	10/3/2019 3:01	29.63	73.8	5.13	5.0	SR12	10/3/2019 9:01	29.57	73.7	5.32	5.3	SR12	10/3/2019 15:01	29.42	72.2	5.19	5.4	SR12	10/3/2019 21:01	29.61	75.7	5.44	6.7
SR12	10/3/2019 3:06	29.65	74.2	5.19	5.4	SR12	10/3/2019 9:06	29.56	72.3	5.26	6.1	SR12	10/3/2019 15:06	29.42	71.9	5.17	4.8	SR12	10/3/2019 21:06	29.61	76.3	5.50	6.5
SR12	10/3/2019 3:11	29.58	73.8	5.16	5.4	SR12	10/3/2019 9:11	29.55	72.2	5.21	6.0	SR12	10/3/2019 15:11	29.43	72.6	5.25	6.5	SR12	10/3/2019 21:11	29.62	75.2	5.44	5.4
SR12	10/3/2019 3:16	29.63	75.0	5.22	4.3	SR12	10/3/2019 9:16	29.55	73.5	5.30	5.0	SR12	10/3/2019 15:16	29.43	72.2	5.18	5.5	SR12	10/3/2019 21:16	29.63	75.5	5.39	4.9
SR12	10/3/2019 3:21	29.56	74.4	5.20	4.0	SR12	10/3/2019 9:21	29.55	72.9	5.26	5.3	SR12	10/3/2019 15:21	29.44	72.4	5.20	4.1	SR12	10/3/2019 21:21	29.63	74.3	5.31	5.7
SR12	10/3/2019 3:26	29.60	72.3	5.03	3.6	SR12	10/3/2019 9:26	29.54	72.4	5.26	5.8	SR12	10/3/2019 15:26	29.44	72.8	5.21	5.0	SR12	10/3/2019 21:26	29.63	72.8	5.26	6.2
SR12	10/3/2019 3:31	29.62	71.5	5.02	4.5	SR12	10/3/2019 9:31	29.53	72.5	5.24	5.9	SR12	10/3/2019 15:31	29.43	71.5	5.12	5.1	SR12	10/3/2019 21:31	29.63	74.9	5.41	8.2
SR12	10/3/2019 3:36	29.66	71.8	5.04	3.7	SR12	10/3/2019 9:36	29.52	73.6	5.30	5.4	SR12	10/3/2019 15:36	29.40	68.8	5.01	4.4	SR12	10/3/2019 21:36	29.63	74.1	5.37	7.3
SR12	10/3/2019 3:41	29.68	66.2	4.67	4.1	SR12	10/3/2019 9:41	29.51	73.2	5.27	5.0	SR12	10/3/2019 15:41	29.43	72.4	5.19	4.9	SR12	10/3/2019 21:41	29.63	75.9	5.46	7.6
SR12	10/3/2019 3:46	29.65	70.7	4.92	4.4	SR12	10/3/2019 9:46	29.52	74.3	5.41	6.1	SR12	10/3/2019 15:46	29.45	70.5	5.12	5.3	SR12	10/3/2019 21:46	29.62	73.3	5.30	8.7
SR12	10/3/2019 3:51	29.66	73.2	5.09	5.1	SR12	10/3/2019 9:51	29.50	75.5	5.49	8.3	SR12	10/3/2019 15:51	29.45	71.0	5.14	5.8	SR12	10/3/2019 21:51	29.63	74.6	5.39	7.4
SR12	10/3/2019 3:56	29.60	71.9	5.05	4.7	SR12	10/3/2019 9:56	29.51	75.0	5.45	4.8	SR12	10/3/2019 15:56	29.41	68.3	4.95	8.9	SR12	10/3/2019 21:56	29.67	75.7	5.48	5.5
SR12	10/3/2019 4:01	29.58	73.6	5.16	3.9	SR12	10/3/2019 10:01	29.51	76.0	5.49	5.0	SR12	10/3/2019 16:01	29.45	70.3	5.07	4.5	SR12	10/3/2019 22:01	29.72	74.7	5.38	5.3
SR12	10/3/2019 4:06	29.60	76.8	5.34	4.8	SR12	10/3/2019 10:06	29.52	76.4	5.50	5.8	SR12	10/3/2019 16:06	29.44	72.6	5.18	4.0	SR12	10/3/2019 22:06	29.68	73.4	5.31	6.6
SR12	10/3/2019 4:11	29.58	75.5	5.27	5.8	SR12	10/3/2019 10:11	29.53	75.6	5.49	5.1	SR12	10/3/2019 16:11	29.44	72.5	5.25	4.7	SR12	10/3/2019 22:11	29.64	72.7	5.24	**11.6**
SR12	10/3/2019 4:16	29.60	74.3	5.24	3.9	SR12	10/3/2019 10:16	29.53	76.8	5.52	5.3	SR12	10/3/2019 16:16	29.44	73.7	5.29	3.8	SR12	10/3/2019 22:16	29.62	73.6	5.29	8.1
SR12	10/3/2019 4:21	29.73	76.6	5.34	5.0	SR12	10/3/2019 10:21	29.54	76.0	5.48	6.5	SR12	10/3/2019 16:21	29.43	76.6	5.49	**10.1**	SR12	10/3/2019 22:21	29.63	73.1	5.25	6.8
SR12	10/3/2019 4:26	29.68	72.7	5.10	4.4	SR12	10/3/2019 10:26	29.54	75.9	5.47	4.1	SR12	10/3/2019 16:26	29.45	78.5	5.59	5.4	SR12	10/3/2019 22:26	29.68	72.9	5.23	6.6
SR12	10/3/2019 4:31	29.53	76.7	5.35	4.2	SR12	10/3/2019 10:31	29.55	74.7	5.43	5.0	SR12	10/3/2019 16:31	29.46	75.0	5.43	5.0	SR12	10/3/2019 22:31	29.77	74.3	5.32	5.4
SR12	10/3/2019 4:36	29.48	78.3	5.49	6.1	SR12	10/3/2019 10:36	29.54	75.2	5.45	5.1	SR12	10/3/2019 16:36	29.46	75.4	5.42	4.4	SR12	10/3/2019 22:36	29.71	74.7	5.36	5.3
SR12	10/3/2019 4:41	29.46	76.2	5.34	5.3	SR12	10/3/2019 10:41	29.55	75.7	5.47	4.4	SR12	10/3/2019 16:41	29.46	74.6	5.38	6.0	SR12	10/3/2019 22:41	29.75	75.1	5.38	6.7
SR12	10/3/2019 4:46	29.53	76.5	5.35	4.3	SR12	10/3/2019 10:46	29.54	75.5	5.45	4.0	SR12	10/3/2019 16:46	29.46	75.4	5.44	4.8	SR12	10/3/2019 22:46	29.75	74.7	5.40	4.4
SR12	10/3/2019 4:51	29.61	76.2	5.37	4.7	SR12	10/3/2019 10:51	29.55	72.7	5.28	5.7	SR12	10/3/2019 16:51	29.48	76.4	5.52	4.7	SR12	10/3/2019 22:51	29.82	75.8	5.45	6.0
SR12	10/3/2019 4:56	29.59	77.0	5.42	5.1	SR12	10/3/2019 10:56	29.53	75.7	5.49	5.3	SR12	10/3/2019 16:56	29.46	74.3	5.36	4.6	SR12	10/3/2019 22:56	29.80	76.2	5.47	4.9
SR12	10/3/2019 5:01	29.53	79.6	5.53	5.8	SR12	10/3/2019 11:01	29.55	76.4	5.50	5.8	SR12	10/3/2019 17:01	29.48	75.5	5.42	4.6	SR12	10/3/2019 23:01	29.75	73.9	5.29	5.8
SR12	10/3/2019 5:06	29.43	78.1	5.48	4.8	SR12	10/3/2019 11:06	29.53	76.0	5.49	4.3	SR12	10/3/2019 17:06	29.49	74.8	5.36	4.3	SR12	10/3/2019 23:06	29.82	77.3	5.54	4.6
SR12	10/3/2019 5:11	29.54	80.0	5.57	5.2	SR12	10/3/2019 11:11	29.52	76.0	5.46	5.5	SR12	10/3/2019 17:11	29.49	75.1	5.37	7.7	SR12	10/3/2019 23:11	29.85	76.1	5.48	3.7
SR12	10/3/2019 5:16	29.55	80.3	5.61	4.8	SR12	10/3/2019 11:16	29.52	74.4	5.41	5.6	SR12	10/3/2019 17:16	29.50	75.2	5.41	5.9	SR12	10/3/2019 23:16	29.85	77.1	5.52	4.7
SR12	10/3/2019 5:21	29.62	80.1	5.57	5.4	SR12	10/3/2019 11:21	29.52	74.4	5.40	5.5	SR12	10/3/2019 17:21	29.50	76.2	5.48	5.7	SR12	10/3/2019 23:21	29.87	77.4	5.56	4.5
SR12	10/3/2019 5:26	29.59	80.1	5.58	5.8	SR12	10/3/2019 11:26	29.51	75.9	5.47	4.6	SR12	10/3/2019 17:26	29.50	78.2	5.57	6.3	SR12	10/3/2019 23:26	29.84	78.0	5.59	3.7
SR12	10/3/2019 5:31	29.59	79.5	5.57	4.7	SR12	10/3/2019 11:31	29.49	75.1	5.43	4.3	SR12	10/3/2019 17:31	29.50	78.2	5.56	5.4	SR12	10/3/2019 23:31	29.86	76.2	5.49	4.2
SR12	10/3/2019 5:36	29.57	79.6	5.60	4.8	SR12	10/3/2019 11:36	29.48	75.2	5.44	4.7	SR12	10/3/2019 17:36	29.51	77.9	5.54	5.4	SR12	10/3/2019 23:36	29.86	78.8	5.62	4.5
SR12	10/3/2019 5:41	29.50	79.7	5.60	4.6	SR12	10/3/2019 11:41	29.44	76.1	5.49	4.1	SR12	10/3/2019 17:41	29.52	77.5	5.57	5.5	SR12	10/3/2019 23:41	29.85	76.8	5.53	4.8
SR12	10/3/2019 5:46	29.54	81.1	5.68	6.3	SR12	10/3/2019 11:46	29.46	75.7	5.49	5.4	SR12	10/3/2019 17:46	29.52	78.4	5.57	4.8	SR12	10/3/2019 23:46	29.86	78.1	5.63	4.6
SR12	10/3/2019 5:51	29.59	79.7	5.58	9.0	SR12	10/3/2019 11:51	29.49	73.6	5.34	4.3	SR12	10/3/2019 17:51	29.53	78.0	5.56	9.0	SR12	10/3/2019 23:51	29.79	76.4	5.53	3.6
SR12	10/3/2019 5:56	29.58	80.6	5.61	5.3	SR12	10/3/2019 11:56	29.48	75.2	5.40	4.8	SR12	10/3/2019 17:56	29.53	77.5	5.55	6.2	SR12	10/3/2019 23:56	29.81	73.2	5.29	2.6

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	10/3/2019 0:00	29.58	76.6	5.37	5.0	SR13	10/3/2019 6:00	29.38	77.2	5.50	5.0	SR13	10/3/2019 12:00	29.39	74.8	5.41	7.1	SR13	10/3/2019 18:00	29.69	73.2	5.30	4.2
SR13	10/3/2019 0:05	29.58	76.3	5.35	5.8	SR13	10/3/2019 6:05	29.43	77.9	5.56	9.0	SR13	10/3/2019 12:05	29.41	74.9	5.42	6.1	SR13	10/3/2019 18:05	29.68	73.4	5.31	8.6
SR13	10/3/2019 0:10	29.58	76.1	5.33	5.8	SR13	10/3/2019 6:10	29.42	79.6	5.66	5.6	SR13	10/3/2019 12:10	29.42	75.6	5.45	5.3	SR13	10/3/2019 18:10	29.68	73.4	5.31	4.8
SR13	10/3/2019 0:15	29.57	76.4	5.39	5.1	SR13	10/3/2019 6:15	29.44	77.7	5.58	5.3	SR13	10/3/2019 12:15	29.46	75.7	5.43	5.2	SR13	10/3/2019 18:15	29.68	74.2	5.35	5.1
SR13	10/3/2019 0:20	29.56	77.5	5.45	6.0	SR13	10/3/2019 6:20	29.38	78.5	5.62	5.0	SR13	10/3/2019 12:20	29.43	75.4	5.44	5.2	SR13	10/3/2019 18:20	29.70	74.4	5.39	5.4
SR13	10/3/2019 0:25	29.56	77.4	5.44	5.2	SR13	10/3/2019 6:25	29.33	78.7	5.62	6.0	SR13	10/3/2019 12:25	29.45	76.7	5.50	9.0	SR13	10/3/2019 18:25	29.70	73.2	5.31	3.9
SR13	10/3/2019 0:30	29.56	77.1	5.41	4.9	SR13	10/3/2019 6:30	29.33	78.6	5.61	5.4	SR13	10/3/2019 12:30	29.46	74.6	5.39	4.7	SR13	10/3/2019 18:30	29.69	74.6	5.39	4.4
SR13	10/3/2019 0:35	29.57	75.2	5.30	5.2	SR13	10/3/2019 6:35	29.36	79.1	5.66	6.0	SR13	10/3/2019 12:35	29.49	76.4	5.49	4.8	SR13	10/3/2019 18:35	29.69	73.8	5.35	5.1
SR13	10/3/2019 0:40	29.57	76.4	5.38	4.7	SR13	10/3/2019 6:40	29.39	77.8	5.57	6.2	SR13	10/3/2019 12:40	29.48	74.6	5.39	4.8	SR13	10/3/2019 18:40	29.69	75.0	5.42	7.2
SR13	10/3/2019 0:45	29.55	76.5	5.36	5.1	SR13	10/3/2019 6:45	29.35	78.7	5.63	5.2	SR13	10/3/2019 12:45	29.44	74.2	5.35	6.6	SR13	10/3/2019 18:45	29.69	74.9	5.40	5.9
SR13	10/3/2019 0:50	29.54	76.7	5.39	4.9	SR13	10/3/2019 6:50	29.36	78.3	5.60	4.9	SR13	10/3/2019 12:50	29.49	76.6	5.52	3.8	SR13	10/3/2019 18:50	29.68	75.7	5.45	4.6
SR13	10/3/2019 0:55	29.53	75.9	5.32	5.5	SR13	10/3/2019 6:55	29.37	78.5	5.59	6.1	SR13	10/3/2019 12:55	29.50	75.7	5.47	4.1	SR13	10/3/2019 18:55	29.69	75.4	5.45	4.9
SR13	10/3/2019 1:00	29.53	75.3	5.32	4.8	SR13	10/3/2019 7:00	29.34	78.4	5.60	5.9	SR13	10/3/2019 13:00	29.50	77.0	5.56	4.6	SR13	10/3/2019 19:00	29.67	74.6	5.39	5.1
SR13	10/3/2019 1:05	29.53	75.0	5.28	4.5	SR13	10/3/2019 7:05	29.32	79.2	5.65	6.4	SR13	10/3/2019 13:05	29.52	76.2	5.50	4.3	SR13	10/3/2019 19:05	29.67	74.9	5.42	5.1
SR13	10/3/2019 1:10	29.55	75.6	5.29	5.0	SR13	10/3/2019 7:10	29.36	80.0	5.68	6.5	SR13	10/3/2019 13:10	29.50	76.8	5.52	7.3	SR13	10/3/2019 19:10	29.67	74.6	5.40	5.0
SR13	10/3/2019 1:15	29.55	76.5	5.36	4.9	SR13	10/3/2019 7:15	29.34	79.8	5.67	5.9	SR13	10/3/2019 13:15	29.51	75.0	5.44	3.9	SR13	10/3/2019 19:15	29.67	75.2	5.42	5.3
SR13	10/3/2019 1:20	29.55	76.9	5.40	5.2	SR13	10/3/2019 7:20	29.39	80.1	5.67	5.6	SR13	10/3/2019 13:20	29.53	76.0	5.46	3.6	SR13	10/3/2019 19:20	29.67	74.9	5.42	5.7
SR13	10/3/2019 1:25	29.60	78.1	5.56	4.4	SR13	10/3/2019 7:25	29.39	78.6	5.60	6.0	SR13	10/3/2019 13:25	29.51	75.1	5.42	4.3	SR13	10/3/2019 19:25	29.68	75.1	5.40	4.9
SR13	10/3/2019 1:30	29.65	77.4	5.55	4.2	SR13	10/3/2019 7:30	29.36	79.5	5.65	5.2	SR13	10/3/2019 13:30	29.52	75.6	5.49	3.5	SR13	10/3/2019 19:30	29.68	75.5	5.46	4.6
SR13	10/3/2019 1:35	29.67	76.3	5.47	4.3	SR13	10/3/2019 7:35	29.36	79.6	5.67	8.3	SR13	10/3/2019 13:35	29.49	75.0	5.44	4.0	SR13	10/3/2019 19:35	29.63	73.8	5.32	5.4
SR13	10/3/2019 1:40	29.69	77.5	5.53	4.5	SR13	10/3/2019 7:40	29.32	79.5	5.67	6.2	SR13	10/3/2019 13:40	29.49	74.5	5.39	3.7	SR13	10/3/2019 19:40	29.62	73.4	5.32	5.4
SR13	10/3/2019 1:45	29.64	76.4	5.46	4.1	SR13	10/3/2019 7:45	29.35	79.8	5.71	6.4	SR13	10/3/2019 13:45	29.49	74.0	5.34	3.8	SR13	10/3/2019 19:45	29.66	73.7	5.34	5.2
SR13	10/3/2019 1:50	29.66	76.1	5.40	8.1	SR13	10/3/2019 7:50	29.39	79.3	5.66	5.4	SR13	10/3/2019 13:50	29.53	74.8	5.43	5.0	SR13	10/3/2019 19:50	29.64	73.9	5.34	5.1
SR13	10/3/2019 1:55	29.67	76.5	5.47	4.5	SR13	10/3/2019 7:55	29.35	79.1	5.65	9.3	SR13	10/3/2019 13:55	29.55	76.3	5.51	4.8	SR13	10/3/2019 19:55	29.65	74.0	5.36	4.6
SR13	10/3/2019 2:00	29.69	76.7	5.48	4.6	SR13	10/3/2019 8:00	29.37	79.7	5.68	5.0	SR13	10/3/2019 14:00	29.54	76.4	5.49	5.4	SR13	10/3/2019 20:00	29.64	74.0	5.37	4.7
SR13	10/3/2019 2:05	29.69	77.2	5.51	4.2	SR13	10/3/2019 8:05	29.38	80.6	5.74	5.1	SR13	10/3/2019 14:05	29.55	75.8	5.49	4.2	SR13	10/3/2019 20:05	29.62	74.6	5.41	5.1
SR13	10/3/2019 2:10	29.67	77.4	5.53	3.7	SR13	10/3/2019 8:10	29.35	79.2	5.67	11.7	SR13	10/3/2019 14:10	29.58	76.5	5.53	4.6	SR13	10/3/2019 20:10	29.59	74.5	5.41	4.7
SR13	10/3/2019 2:15	29.63	77.4	5.51	4.2	SR13	10/3/2019 8:15	29.28	79.3	5.63	5.6	SR13	10/3/2019 14:15	29.64	74.9	5.43	4.1	SR13	10/3/2019 20:15	29.60	74.1	5.37	5.6
SR13	10/3/2019 2:20	29.61	77.2	5.51	4.0	SR13	10/3/2019 8:20	29.29	80.2	5.72	5.3	SR13	10/3/2019 14:20	29.67	75.6	5.48	4.0	SR13	10/3/2019 20:20	29.57	72.5	5.26	5.3
SR13	10/3/2019 2:25	29.67	76.3	5.48	4.2	SR13	10/3/2019 8:25	29.38	78.3	5.66	5.6	SR13	10/3/2019 14:25	29.69	77.4	5.58	6.2	SR13	10/3/2019 20:25	29.59	75.9	5.50	7.4
SR13	10/3/2019 2:30	29.60	77.5	5.51	9.0	SR13	10/3/2019 8:30	29.37	78.2	5.65	5.8	SR13	10/3/2019 14:30	29.68	76.8	5.51	4.4	SR13	10/3/2019 20:30	29.58	74.1	5.36	9.8
SR13	10/3/2019 2:35	29.61	74.6	5.33	4.5	SR13	10/3/2019 8:35	29.36	78.3	5.65	5.3	SR13	10/3/2019 14:35	29.66	74.6	5.38	3.9	SR13	10/3/2019 20:35	29.60	75.2	5.43	8.4
SR13	10/3/2019 2:40	29.57	76.5	5.43	4.6	SR13	10/3/2019 8:40	29.37	78.2	5.64	5.2	SR13	10/3/2019 14:40	29.68	76.3	5.51	4.4	SR13	10/3/2019 20:40	29.59	75.0	5.42	6.4
SR13	10/3/2019 2:45	29.59	74.0	5.30	4.7	SR13	10/3/2019 8:45	29.36	76.9	5.55	5.4	SR13	10/3/2019 14:45	29.74	75.5	5.47	4.1	SR13	10/3/2019 20:45	29.59	75.7	5.45	7.4
SR13	10/3/2019 2:50	29.56	73.7	5.27	4.7	SR13	10/3/2019 8:50	29.36	77.9	5.60	5.6	SR13	10/3/2019 14:50	29.71	75.8	5.49	4.6	SR13	10/3/2019 20:50	29.56	77.5	5.60	8.2
SR13	10/3/2019 2:55	29.57	75.8	5.40	4.6	SR13	10/3/2019 8:55	29.36	77.6	5.61	4.6	SR13	10/3/2019 14:55	29.70	76.2	5.47	4.6	SR13	10/3/2019 20:55	29.58	76.8	5.53	5.3
SR13	10/3/2019 3:00	29.53	74.6	5.34	3.7	SR13	10/3/2019 9:00	29.37	77.8	5.61	5.3	SR13	10/3/2019 15:00	29.72	75.6	5.44	4.3	SR13	10/3/2019 21:00	29.57	76.9	5.53	5.7
SR13	10/3/2019 3:05	29.55	73.8	5.29	3.7	SR13	10/3/2019 9:05	29.38	77.1	5.56	5.7	SR13	10/3/2019 15:05	29.71	75.4	5.43	4.6	SR13	10/3/2019 21:05	29.57	75.6	5.47	5.5
SR13	10/3/2019 3:10	29.55	73.8	5.30	4.4	SR13	10/3/2019 9:10	29.38	77.1	5.55	5.6	SR13	10/3/2019 15:10	29.71	75.0	5.41	4.9	SR13	10/3/2019 21:10	29.56	76.6	5.52	10.5
SR13	10/3/2019 3:15	29.57	74.1	5.28	9.1	SR13	10/3/2019 9:15	29.41	77.5	5.58	5.8	SR13	10/3/2019 15:15	29.72	74.7	5.42	4.1	SR13	10/3/2019 21:15	29.55	76.4	5.53	6.7
SR13	10/3/2019 3:20	29.61	69.4	4.99	4.2	SR13	10/3/2019 9:20	29.40	77.2	5.57	4.8	SR13	10/3/2019 15:20	29.71	76.7	5.52	4.8	SR13	10/3/2019 21:20	29.55	76.9	5.54	6.2
SR13	10/3/2019 3:25	29.58	71.0	5.06	4.4	SR13	10/3/2019 9:25	29.41	78.0	5.65	5.0	SR13	10/3/2019 15:25	29.73	74.7	5.41	4.6	SR13	10/3/2019 21:25	29.53	76.3	5.49	9.8
SR13	10/3/2019 3:30	29.57	73.1	5.21	4.3	SR13	10/3/2019 9:30	29.41	78.4	5.65	6.9	SR13	10/3/2019 15:30	29.74	75.9	5.48	5.1	SR13	10/3/2019 21:30	29.53	76.1	5.49	6.8
SR13	10/3/2019 3:35	29.57	71.3	5.13	4.8	SR13	10/3/2019 9:35	29.43	78.7	5.67	4.9	SR13	10/3/2019 15:35	29.73	75.2	5.42	6.2	SR13	10/3/2019 21:35	29.54	75.9	5.51	6.0
SR13	10/3/2019 3:40	29.57	72.9	5.21	3.9	SR13	10/3/2019 9:40	29.39	78.2	5.63	5.6	SR13	10/3/2019 15:40	29.77	75.4	5.42	3.9	SR13	10/3/2019 21:40	29.56	75.9	5.46	6.1
SR13	10/3/2019 3:45	29.58	74.9	5.33	4.3	SR13	10/3/2019 9:45	29.40	78.5	5.66	6.5	SR13	10/3/2019 15:45	29.77	76.0	5.46	4.3	SR13	10/3/2019 21:45	29.55	74.5	5.40	6.2
SR13	10/3/2019 3:50	29.57	73.3	5.25	5.2	SR13	10/3/2019 9:50	29.42	77.8	5.64	5.5	SR13	10/3/2019 15:50	29.77	75.9	5.50	4.6	SR13	10/3/2019 21:50	29.53	74.9	5.44	8.5
SR13	10/3/2019 3:55	29.57	73.6	5.30	4.5	SR13	10/3/2019 9:55	29.43	78.6	5.66	5.1	SR13	10/3/2019 15:55	29.77	77.1	5.54	4.2	SR13	10/3/2019 21:55	29.51	73.9	5.34	6.3
SR13	10/3/2019 4:00	29.63	76.4	5.43	5.5	SR13	10/3/2019 10:00	29.44	78.0	5.63	5.6	SR13	10/3/2019 16:00	29.76	78.0	5.59	6.7	SR13	10/3/2019 22:00	29.51	75.2	5.44	6.7
SR13	10/3/2019 4:05	29.61	73.6	5.27	5.6	SR13	10/3/2019 10:05	29.44	77.8	5.63	5.2	SR13	10/3/2019 16:05	29.77	77.6	5.59	4.7	SR13	10/3/2019 22:05	29.47	73.4	5.29	11.0
SR13	10/3/2019 4:10	29.54	73.9	5.29	5.0	SR13	10/3/2019 10:10	29.38	77.4	5.62	5.0	SR13	10/3/2019 16:10	29.79	74.9	5.38	4.6	SR13	10/3/2019 22:10	29.52	74.1	5.36	13.1
SR13	10/3/2019 4:15	29.53	75.5	5.38	5.9	SR13	10/3/2019 10:15	29.38	77.2	5.59	5.1	SR13	10/3/2019 16:15	29.79	75.2	5.39	4.6	SR13	10/3/2019 22:15	29.51	74.6	5.38	6.9
SR13	10/3/2019 4:20	29.51	74.3	5.31	5.1	SR13	10/3/2019 10:20	29.38	77.6	5.59	5.3	SR13	10/3/2019 16:20	29.79	74.7	5.36	5.4	SR13	10/3/2019 22:20	29.51	74.4	5.39	6.8
SR13	10/3/2019 4:25	29.55	75.1	5.35	5.0	SR13	10/3/2019 10:25	29.36	77.3	5.59	5.3	SR13	10/3/2019 16:25	29.80	75.5	5.42	4.6	SR13	10/3/2019 22:25	29.51	74.2	5.37	5.3
SR13	10/3/2019 4:30	29.57	75.7	5.42	8.5	SR13	10/3/2019 10:30	29.37	75.9	5.51	6.3	SR13	10/3/2019 16:30	29.81	76.2	5.48	4.4	SR13	10/3/2019 22:30	29.55	75.3	5.42	7.8
SR13	10/3/2019 4:35	29.56	75.9	5.41	5.5	SR13	10/3/2019 10:35	29.37	78.2	5.63	11.4	SR13	10/3/2019 16:35	29.80	74.1	5.32	4.4	SR13	10/3/2019 22:35	29.54	74.7	5.37	5.7
SR13	10/3/2019 4:40	29.54	76.6	5.48	5.6	SR13	10/3/2019 10:40	29.38	76.8	5.55	6.7	SR13	10/3/2019 16:40	29.80	75.8	5.46	4.1	SR13	10/3/2019 22:40	29.51	73.3	5.31	6.3
SR13	10/3/2019 4:45	29.48	76.3	5.45	5.0	SR13	10/3/2019 10:45	29.38	77.2	5.58	6.3	SR13	10/3/2019 16:45	29.79	75.9	5.45	4.2	SR13	10/3/2019 22:45	29.54	74.9	5.40	6.0
SR13	10/3/2019 4:50	29.52	76.6	5.46	5.1	SR13	10/3/2019 10:50	29.37	75.9	5.47	6.5	SR13	10/3/2019 16:50	29.77	75.0	5.42	5.4	SR13	10/3/2019 22:50	29.54	74.8	5.39	5.2
SR13	10/3/2019 4:55	29.52	77.3	5.53	6.7	SR13	10/3/2019 10:55	29.37	75.6	5.50	6.5	SR13	10/3/2019 16:55	29.78	74.9	5.42	4.9	SR13	10/3/2019 22:55	29.53	74.4	5.36	5.9
SR13	10/3/2019 5:00	29.54	77.2	5.49	5.3	SR13	10/3/2019 11:00	29.38	76.3	5.50	5.5	SR13	10/3/2019 17:00	29.76	74.6	5.37	4.7	SR13	10/3/2019 23:00	29.53	73.8	5.33	5.1
SR13	10/3/2019 5:05	29.53	76.6	5.45	5.4	SR13	10/3/2019 11:05	29.37	75.4	5.42	5.6	SR13	10/3/2019 17:05	29.76	75.6	5.45	5.6	SR13	10/3/2019 23:05	29.51	75.4	5.45	6.1
SR13	10/3/2019 5:10	29.52	76.6	5.45	5.3	SR13	10/3/2019 11:10	29.36	75.3	5.46	6.3	SR13	10/3/2019 17:10	29.73	75.5	5.41	4.2	SR13	10/3/2019 23:10	29.51	74.6	5.41	5.0
SR13	10/3/2019 5:15	29.49	76.2	5.44	5.7	SR13	10/3/2019 11:15	29.36	75.8	5.50	7.3	SR13	10/3/2019 17:15	29.76	75.8	5.45	4.7	SR13	10/3/2019 23:15	29.50	75.7	5.45	5.3
SR13	10/3/2019 5:20	29.45	74.6	5.37	4.5	SR13	10/3/2019 11:20	29.35	76.0	5.52	6.8	SR13	10/3/2019 17:20	29.74	76.1	5.49	4.9	SR13	10/3/2019 23:20	29.50	74.4	5.37	6.5
SR13	10/3/2019 5:25	29.46	76.8	5.46	5.8	SR13	10/3/2019 11:25	29.36	76.6	5.55	7.3	SR13	10/3/2019 17:25	29.66	75.6	5.46	4.3	SR13	10/3/2019 23:25	29.51	74.8	5.43	6.8
SR13	10/3/2019 5:30	29.48	75.8	5.44	7.3	SR13	10/3/2019 11:30	29.37	75.1	5.46	6.6	SR13	10/3/2019 17:30	29.72	75.7	5.47	6.6	SR13	10/3/2019 23:30	29.49	74.2	5.37	5.4
SR13	10/3/2019 5:35	29.47	77.0	5.51	5.9	SR13	10/3/2019 11:35	29.38	75.4	5.45	6.7	SR13	10/3/2019 17:35	29.63	72.9	5.26	5.2	SR13	10/3/2019 23:35	29.48	73.1	5.27	5.1
SR13	10/3/2019 5:40	29.45	74.2	5.32	8.4	SR13	10/3/2019 11:40	29.39	75.1	5.45	5.1	SR13	10/3/2019 17:40	29.65	72.5	5.26	4.3	SR13	10/3/2019 23:40	29.49	72.9	5.25	4.5
SR13	10/3/2019 5:45	29.48	76.1	5.44	5.1	SR13	10/3/2019 11:45	29.43	75.7	5.46	7.7	SR13	10/3/2019 17:45	29.72	74.8	5.41	5.0	SR13	10/3/2019 23:45	29.52	73.0	5.30	4.4
SR13	10/3/2019 5:50	29.50	78.4	5.55	5.3	SR13	10/3/2019 11:50	29.40	74.9	5.43	8.5	SR13	10/3/2019 17:50	29.72	74.2	5.38	6.7	SR13	10/3/2019 23:50	29.52	73.4	5.32	4.3
SR13	10/3/2019 5:55	29.43	75.6	5.44	5.1	SR13	10/3/2019 11:55	29.40	74.2	5.36	8.0	SR13	10/3/2019 17:55	29.71	74.4	5.37	4.0	SR13	10/3/2019 23:55	29.51	74.9	5.38	4.7

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	10/3/2019 0:17	0.18				SR12	10/3/2019 0:17	0.15			
SR4	10/3/2019 0:37	0.18				SR12	10/3/2019 0:37	0.16			
SR4	10/3/2019 0:57	0.17				SR12	10/3/2019 0:57	0.16			
SR4	10/3/2019 1:17	0.18				SR12	10/3/2019 1:17	0.15			
SR4	10/3/2019 1:37	0.16				SR12	10/3/2019 1:37	0.15			
SR4	10/3/2019 1:57	0.16				SR12	10/3/2019 1:57	0.15			
SR4	10/3/2019 2:17	0.16				SR12	10/3/2019 2:17	0.17			
SR4	10/3/2019 2:37	0.18				SR12	10/3/2019 2:37	0.18			
SR4	10/3/2019 2:57	0.17				SR12	10/3/2019 2:57	0.19			
SR4	10/3/2019 3:17	0.17				SR12	10/3/2019 3:17	0.17			
SR4	10/3/2019 3:37	0.16				SR12	10/3/2019 3:37	0.17			
SR4	10/3/2019 3:57	0.17				SR12	10/3/2019 3:57	0.18			
SR4	10/3/2019 4:17	0.18				SR12	10/3/2019 4:17	0.19			
SR4	10/3/2019 4:37	0.18				SR12	10/3/2019 4:37	0.18			
SR4	10/3/2019 4:57	0.18				SR12	10/3/2019 4:57	0.19			
SR4	10/3/2019 5:17	0.16				SR12	10/3/2019 5:17	0.18			
SR4	10/3/2019 5:37	0.16				SR12	10/3/2019 5:37	0.19			
SR4	10/3/2019 5:57	0.16				SR12	10/3/2019 5:57	0.18			
SR4						SR12					
SR4	10/3/2019 6:37	0.18				SR12	10/3/2019 6:37	0.17			
SR4	10/3/2019 6:57	0.16				SR12	10/3/2019 6:57	0.19			
SR4	10/3/2019 7:17	0.18				SR12	10/3/2019 7:17	0.18			
SR4	10/3/2019 7:37	0.17				SR12	10/3/2019 7:37	0.17			
SR4	10/3/2019 7:57	0.16				SR12	10/3/2019 7:57	0.19			
SR4	10/3/2019 8:17	0.17				SR12	10/3/2019 8:17	0.19			
SR4	10/3/2019 8:37	0.16				SR12	10/3/2019 8:37	0.18			
SR4	10/3/2019 8:57	0.17				SR12	10/3/2019 8:57	0.17			
SR4	10/3/2019 9:17	0.18				SR12	10/3/2019 9:17	0.18			
SR4	10/3/2019 9:37	0.16				SR12	10/3/2019 9:37	0.17			
SR4	10/3/2019 9:57	0.17				SR12	10/3/2019 9:57	0.18			
SR4	10/3/2019 10:17	0.17				SR12	10/3/2019 10:17	0.18			
SR4	10/3/2019 10:37	0.17				SR12	10/3/2019 10:37	0.17			
SR4	10/3/2019 10:57	0.19				SR12	10/3/2019 10:57	0.19			
SR4	10/3/2019 11:17	0.17				SR12	10/3/2019 11:17	0.18			
SR4	10/3/2019 11:37	0.17				SR12	10/3/2019 11:37	0.18			
SR4	10/3/2019 11:57	0.17				SR12	10/3/2019 11:57	0.18			
SR4	10/3/2019 12:17	0.18				SR12	10/3/2019 12:17	0.17			
SR4	10/3/2019 12:37	0.16				SR12	10/3/2019 12:37	0.19			
SR4	10/3/2019 12:57	0.17				SR12	10/3/2019 12:57	0.18			
SR4	10/3/2019 13:17	0.17				SR12	10/3/2019 13:17	0.17			
SR4	10/3/2019 13:37	0.17				SR12	10/3/2019 13:37	0.19			
SR4	10/3/2019 13:57	0.18				SR12	10/3/2019 13:57	0.17			
SR4	10/3/2019 14:17	0.17				SR12	10/3/2019 14:17	0.18			
SR4	10/3/2019 14:37	0.16				SR12	10/3/2019 14:37	0.18			
SR4	10/3/2019 14:57	0.18				SR12	10/3/2019 14:57	0.18			
SR4	10/3/2019 15:17	0.18				SR12	10/3/2019 15:17	0.17			
SR4	10/3/2019 15:37	0.18				SR12	10/3/2019 15:37	0.17			
SR4	10/3/2019 15:57	0.18				SR12	10/3/2019 15:57	0.17			
SR4	10/3/2019 16:17	0.18				SR12	10/3/2019 16:17	0.19			
SR4	10/3/2019 16:37	0.19				SR12	10/3/2019 16:37	0.18			
SR4	10/3/2019 16:57	0.19				SR12	10/3/2019 16:57	0.19			
SR4	10/3/2019 17:17	0.18				SR12	10/3/2019 17:17	0.18			
SR4	10/3/2019 17:37	0.18				SR12	10/3/2019 17:37	0.18			
SR4	10/3/2019 17:57	0.17				SR12	10/3/2019 17:57	0.18			
SR4	10/3/2019 18:17	0.18				SR12	10/3/2019 18:17	0.17			
SR4	10/3/2019 18:37	0.18				SR12	10/3/2019 18:37	0.19			
SR4	10/3/2019 18:57	0.18				SR12	10/3/2019 18:57	0.17			
SR4	10/3/2019 19:17	0.18				SR12	10/3/2019 19:17	0.17			
SR4	10/3/2019 19:37	0.18				SR12	10/3/2019 19:37	0.17			
SR4	10/3/2019 19:57	0.17				SR12	10/3/2019 19:57	0.17			
SR4	10/3/2019 20:17	0.18				SR12	10/3/2019 20:17	0.18			
SR4	10/3/2019 20:37	0.18				SR12	10/3/2019 20:37	0.18			
SR4	10/3/2019 20:57	0.18				SR12	10/3/2019 20:57	0.19			
SR4	10/3/2019 21:17	0.18				SR12	10/3/2019 21:17	0.17			
SR4	10/3/2019 21:37	0.17				SR12	10/3/2019 21:37	0.17			
SR4	10/3/2019 21:57	0.18				SR12	10/3/2019 21:57	0.18			
SR4	10/3/2019 22:17	0.18				SR12	10/3/2019 22:17	0.19			
SR4	10/3/2019 22:37	0.19				SR12	10/3/2019 22:37	0.18			
SR4	10/3/2019 22:57	0.19				SR12	10/3/2019 22:57	0.17			
SR4	10/3/2019 23:17	0.17				SR12	10/3/2019 23:17	0.18			
SR4	10/3/2019 23:37	0.19				SR12	10/3/2019 23:37	0.18			
SR4	10/3/2019 23:57	0.19				SR12	10/3/2019 23:57	0.17			

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 11:30-11:55.

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	10/4/2019 0:01	29.45	73.2	4.80	2.4	SR4	10/4/2019 6:01	29.39	64.0	4.24	1.7	SR4	10/4/2019 12:01	29.55	77.0	5.02	5.9	SR4	10/4/2019 18:01	30.13	70.9	4.60	1.0
SR4	10/4/2019 0:06	29.45	74.6	4.88	2.0	SR4	10/4/2019 6:06	29.40	65.2	4.30	2.8	SR4	10/4/2019 12:06	29.76	78.5	5.10	4.9	SR4	10/4/2019 18:06	29.97	75.3	4.91	1.2
SR4	10/4/2019 0:11	29.46	75.8	4.96	2.3	SR4	10/4/2019 6:11	29.36	65.4	4.32	2.7	SR4	10/4/2019 12:11	29.71	77.5	5.04	4.3	SR4	10/4/2019 18:11	29.99	78.5	5.16	4.0
SR4	10/4/2019 0:16	29.46	74.0	4.97	2.3	SR4	10/4/2019 6:16	29.38	67.8	4.53	5.0	SR4	10/4/2019 12:16	29.75	78.3	5.09	4.4	SR4	10/4/2019 18:16	30.01	75.8	5.06	2.7
SR4	10/4/2019 0:21	29.44	78.1	5.14	3.2	SR4	10/4/2019 6:21	29.33	73.5	4.86	2.6	SR4	10/4/2019 12:21	29.54	75.9	4.94	4.6	SR4	10/4/2019 18:21	30.05	75.0	4.98	1.0
SR4	10/4/2019 0:26	29.45	73.5	4.93	3.2	SR4	10/4/2019 6:26	29.42	66.3	4.33	2.6	SR4	10/4/2019 12:26	29.91	78.4	5.09	3.2	SR4	10/4/2019 18:26	30.07	73.5	4.93	1.5
SR4	10/4/2019 0:31	29.47	76.1	5.10	2.1	SR4	10/4/2019 6:31	29.37	75.8	4.96	3.6	SR4	10/4/2019 12:31	29.92	78.3	5.08	3.0	SR4	10/4/2019 18:31	30.04	68.8	4.53	3.3
SR4	10/4/2019 0:36	29.45	76.5	5.03	2.4	SR4	10/4/2019 6:36	29.37	76.6	5.06	4.2	SR4	10/4/2019 12:36	30.10	80.1	5.19	2.0	SR4	10/4/2019 18:36	29.98	78.5	5.16	2.5
SR4	10/4/2019 0:41	29.44	75.5	4.97	5.7	SR4	10/4/2019 6:41	29.38	80.2	5.26	5.0	SR4	10/4/2019 12:41	30.14	78.9	5.12	3.5	SR4	10/4/2019 18:41	29.96	79.7	5.30	3.1
SR4	10/4/2019 0:46	29.42	77.8	5.20	2.4	SR4	10/4/2019 6:46	29.35	80.2	5.39	4.0	SR4	10/4/2019 12:46	30.00	80.1	5.20	2.9	SR4	10/4/2019 18:46	30.04	74.2	4.96	1.7
SR4	10/4/2019 0:51	29.43	78.2	5.12	3.0	SR4	10/4/2019 6:51	29.38	81.7	5.39	4.9	SR4	10/4/2019 12:51	29.80	77.2	5.01	3.6	SR4	10/4/2019 18:51	29.97	68.6	4.52	2.6
SR4	10/4/2019 0:56	29.41	77.6	5.12	2.5	SR4	10/4/2019 6:56	29.38	82.3	5.46	4.9	SR4	10/4/2019 12:56	29.90	77.9	5.06	2.9	SR4	10/4/2019 18:56	29.98	68.7	4.52	1.5
SR4	10/4/2019 1:01	29.40	77.7	5.14	2.1	SR4	10/4/2019 7:01	29.42	81.0	5.43	7.2	SR4	10/4/2019 13:01	29.95	77.3	5.02	2.9	SR4	10/4/2019 19:01	29.74	66.5	4.38	1.8
SR4	10/4/2019 1:06	29.39	77.0	5.12	2.4	SR4	10/4/2019 7:06	29.41	76.8	5.02	5.7	SR4	10/4/2019 13:06	30.06	78.6	5.10	2.6	SR4	10/4/2019 19:06	30.00	68.1	4.53	1.6
SR4	10/4/2019 1:11	29.39	76.2	5.07	2.4	SR4	10/4/2019 7:11	29.41	76.5	5.00	5.0	SR4	10/4/2019 13:11	30.23	79.7	5.16	1.9	SR4	10/4/2019 19:11	29.49	59.0	3.87	1.8
SR4	10/4/2019 1:16	29.41	75.1	5.02	1.7	SR4	10/4/2019 7:16	29.42	77.1	5.04	5.8	SR4	10/4/2019 13:16	30.25	80.3	5.20	2.0	SR4	10/4/2019 19:16	29.65	64.8	4.35	1.4
SR4	10/4/2019 1:21	29.42	74.5	4.96	2.0	SR4	10/4/2019 7:21	29.42	77.8	5.09	4.2	SR4	10/4/2019 13:21	30.10	79.0	5.13	3.0	SR4	10/4/2019 19:21	29.92	66.5	4.43	0.9
SR4	10/4/2019 1:26	29.41	75.4	5.02	1.7	SR4	10/4/2019 7:26	29.45	78.8	5.15	4.4	SR4	10/4/2019 13:26	30.03	78.4	5.10	2.1	SR4	10/4/2019 19:26	29.82	65.6	4.38	1.0
SR4	10/4/2019 1:31	29.44	73.1	4.85	1.4	SR4	10/4/2019 7:31	29.46	79.9	5.23	5.8	SR4	10/4/2019 13:31	30.23	80.0	5.19	2.3	SR4	10/4/2019 19:31	29.94	66.6	4.35	1.0
SR4	10/4/2019 1:36	29.44	74.2	4.92	5.8	SR4	10/4/2019 7:36	29.47	80.7	5.28	4.8	SR4	10/4/2019 13:36	30.01	79.1	5.14	2.9	SR4	10/4/2019 19:36	29.79	65.0	4.36	2.5
SR4	10/4/2019 1:41	29.42	74.5	4.88	**16.8**	SR4	10/4/2019 7:41	29.47	81.4	5.33	6.7	SR4	10/4/2019 13:41	30.40	80.0	5.17	2.4	SR4	10/4/2019 19:41	29.92	71.1	4.71	2.0
SR4	10/4/2019 1:46	29.43	77.5	5.07	2.4	SR4	10/4/2019 7:46	29.46	81.3	5.32	5.1	SR4	10/4/2019 13:46	30.34	81.0	5.25	2.0	SR4	10/4/2019 19:46	29.95	71.7	4.68	1.2
SR4	10/4/2019 1:51	29.44	77.4	5.09	5.9	SR4	10/4/2019 7:51	29.48	81.5	5.34	6.1	SR4	10/4/2019 13:51	30.14	79.3	5.15	2.8	SR4	10/4/2019 19:51	29.93	68.2	4.52	1.0
SR4	10/4/2019 1:56	29.41	75.6	5.07	**31.3**	SR4	10/4/2019 7:56	29.49	81.4	5.33	4.7	SR4	10/4/2019 13:56	30.10	80.7	5.24	2.3	SR4	10/4/2019 19:56	29.95	73.1	4.84	1.9
SR4	10/4/2019 2:01	29.41	76.5	5.03	6.4	SR4	10/4/2019 8:01	29.49	82.3	5.39	6.5	SR4	10/4/2019 14:01	30.09	80.1	5.20	2.3	SR4	10/4/2019 20:01	29.96	73.5	4.82	1.9
SR4	10/4/2019 2:06	29.41	75.5	4.93	2.0	SR4	10/4/2019 8:06	29.50	83.1	5.44	4.5	SR4	10/4/2019 14:06	30.04	78.0	5.07	2.2	SR4	10/4/2019 20:06	30.03	76.5	5.07	1.8
SR4	10/4/2019 2:11	29.42	72.2	4.85	1.6	SR4	10/4/2019 8:11	29.52	81.9	5.36	3.3	SR4	10/4/2019 14:11	30.08	78.9	5.12	1.5	SR4	10/4/2019 20:11	30.03	75.3	4.95	1.1
SR4	10/4/2019 2:16	29.42	72.8	4.81	1.1	SR4	10/4/2019 8:16	29.52	83.4	5.46	4.2	SR4	10/4/2019 14:16	29.93	79.6	5.18	2.6	SR4	10/4/2019 20:16	29.95	70.7	4.66	1.9
SR4	10/4/2019 2:21	29.41	76.1	4.99	1.9	SR4	10/4/2019 8:21	29.52	83.8	5.48	**10.4**	SR4	10/4/2019 14:21	29.92	79.2	5.15	2.5	SR4	10/4/2019 20:21	29.85	68.0	4.53	2.7
SR4	10/4/2019 2:26	29.41	76.4	5.06	5.5	SR4	10/4/2019 8:26	29.53	83.1	5.44	3.7	SR4	10/4/2019 14:26	29.85	79.5	5.18	2.0	SR4	10/4/2019 20:26	29.89	65.1	4.36	1.8
SR4	10/4/2019 2:31	29.42	75.2	4.94	1.8	SR4	10/4/2019 8:31	29.57	84.1	5.51	3.1	SR4	10/4/2019 14:31	29.88	80.5	5.24	2.5	SR4	10/4/2019 20:31	29.88	65.9	4.37	2.0
SR4	10/4/2019 2:36	29.43	73.2	4.84	1.8	SR4	10/4/2019 8:36	29.57	84.4	5.52	3.2	SR4	10/4/2019 14:36	29.87	80.5	5.24	2.1	SR4	10/4/2019 20:36	29.84	61.0	4.05	1.8
SR4	10/4/2019 2:41	29.41	73.7	4.87	1.9	SR4	10/4/2019 8:41	29.58	84.9	5.56	5.1	SR4	10/4/2019 14:41	29.92	80.4	5.23	2.7	SR4	10/4/2019 20:41	29.92	65.8	4.42	6.9
SR4	10/4/2019 2:46	29.40	73.4	4.86	1.4	SR4	10/4/2019 8:46	29.57	85.2	5.58	3.7	SR4	10/4/2019 14:46	29.95	80.6	5.24	2.1	SR4	10/4/2019 20:46	29.89	85.8	5.62	2.6
SR4	10/4/2019 2:51	29.41	77.0	5.04	4.0	SR4	10/4/2019 8:51	29.58	84.5	5.53	4.4	SR4	10/4/2019 14:51	29.92	80.4	5.23	2.3	SR4	10/4/2019 20:51	29.83	74.9	4.94	4.4
SR4	10/4/2019 2:56	29.40	75.3	5.02	2.0	SR4	10/4/2019 8:56	29.60	86.1	5.63	3.5	SR4	10/4/2019 14:56	29.84	78.3	5.09	3.5	SR4	10/4/2019 20:56	29.85	78.3	5.23	3.3
SR4	10/4/2019 3:01	29.42	76.6	5.12	2.2	SR4	10/4/2019 9:01	29.64	85.4	5.59	3.3	SR4	10/4/2019 15:01	29.87	78.5	5.11	3.5	SR4	10/4/2019 21:01	29.83	76.7	5.14	4.8
SR4	10/4/2019 3:06	29.43	75.2	4.99	1.5	SR4	10/4/2019 9:06	29.66	87.4	5.71	2.8	SR4	10/4/2019 15:06	30.01	80.4	5.22	2.0	SR4	10/4/2019 21:06	29.82	76.8	5.16	5.3
SR4	10/4/2019 3:11	29.42	76.3	5.07	2.4	SR4	10/4/2019 9:11	29.64	85.8	5.61	3.2	SR4	10/4/2019 15:11	30.05	74.4	4.83	1.3	SR4	10/4/2019 21:11	29.84	78.0	5.19	4.9
SR4	10/4/2019 3:16	29.42	75.6	4.94	3.9	SR4	10/4/2019 9:16	29.63	85.4	5.59	4.0	SR4	10/4/2019 15:16	30.22	82.2	5.32	2.2	SR4	10/4/2019 21:16	29.85	77.4	5.08	4.4
SR4	10/4/2019 3:21	29.43	76.6	5.06	2.9	SR4	10/4/2019 9:21	29.65	84.4	5.52	3.3	SR4	10/4/2019 15:21	30.20	80.5	5.21	2.0	SR4	10/4/2019 21:21	29.80	67.0	4.41	3.5
SR4	10/4/2019 3:26	29.42	76.3	4.99	2.2	SR4	10/4/2019 9:26	29.67	85.4	5.59	3.0	SR4	10/4/2019 15:26	30.24	80.3	5.20	1.7	SR4	10/4/2019 21:26	29.91	80.1	5.26	3.2
SR4	10/4/2019 3:31	29.42	73.6	4.86	9.0	SR4	10/4/2019 9:31	29.62	84.0	5.49	3.4	SR4	10/4/2019 15:31	30.30	77.8	5.03	1.3	SR4	10/4/2019 21:31	29.77	74.9	5.01	5.8
SR4	10/4/2019 3:36	29.42	77.0	5.03	1.7	SR4	10/4/2019 9:36	29.67	85.5	5.59	3.2	SR4	10/4/2019 15:36	30.37	80.6	5.21	1.9	SR4	10/4/2019 21:36	29.77	79.4	5.20	6.3
SR4	10/4/2019 3:41	29.42	70.6	4.73	1.4	SR4	10/4/2019 9:41	29.69	85.7	5.60	5.6	SR4	10/4/2019 15:41	30.38	76.5	4.95	1.8	SR4	10/4/2019 21:41	29.83	74.4	4.93	3.6
SR4	10/4/2019 3:46	29.42	76.2	4.98	**15.6**	SR4	10/4/2019 9:46	29.70	86.2	5.64	3.2	SR4	10/4/2019 15:46	30.38	78.5	5.08	1.5	SR4	10/4/2019 21:46	29.84	78.8	5.15	4.8
SR4	10/4/2019 3:51	29.41	76.0	5.06	1.6	SR4	10/4/2019 9:51	29.68	86.0	5.63	3.3	SR4	10/4/2019 15:51	30.38	78.6	5.08	1.1	SR4	10/4/2019 21:51	29.80	81.1	5.30	5.0
SR4	10/4/2019 3:56	29.41	75.5	5.05	1.7	SR4	10/4/2019 9:56	29.75	85.4	5.58	3.5	SR4	10/4/2019 15:56	30.36	80.8	5.23	1.6	SR4	10/4/2019 21:56	29.79	78.1	5.20	4.6
SR4	10/4/2019 4:01	29.42	71.9	4.74	2.0	SR4	10/4/2019 10:01	29.73	84.3	5.51	3.7	SR4	10/4/2019 16:01	30.33	79.0	5.12	1.3	SR4	10/4/2019 22:01	29.77	78.5	5.24	3.7
SR4	10/4/2019 4:06	29.47	69.4	4.60	2.3	SR4	10/4/2019 10:06	29.72	81.8	5.34	3.6	SR4	10/4/2019 16:06	30.27	78.3	5.07	1.5	SR4	10/4/2019 22:06	29.75	78.8	5.19	3.1
SR4	10/4/2019 4:11	29.48	75.9	4.98	4.4	SR4	10/4/2019 10:11	29.58	80.0	5.24	5.4	SR4	10/4/2019 16:11	30.26	76.9	4.98	1.1	SR4	10/4/2019 22:11	29.74	77.5	5.07	4.8
SR4	10/4/2019 4:16	29.48	74.9	4.95	5.0	SR4	10/4/2019 10:16	29.58	80.1	5.24	6.7	SR4	10/4/2019 16:16	30.31	78.1	5.06	1.3	SR4	10/4/2019 22:16	29.64	79.0	5.23	3.9
SR4	10/4/2019 4:21	29.48	73.5	4.86	3.5	SR4	10/4/2019 10:21	29.62	80.2	5.24	5.8	SR4	10/4/2019 16:21	30.28	77.5	5.02	1.1	SR4	10/4/2019 22:21	29.66	78.1	5.24	3.3
SR4	10/4/2019 4:26	29.48	73.0	4.83	3.9	SR4	10/4/2019 10:26	29.72	81.6	5.33	7.3	SR4	10/4/2019 16:26	30.26	79.3	5.14	1.8	SR4	10/4/2019 22:26	29.65	79.4	5.18	3.5
SR4	10/4/2019 4:31	29.49	72.7	4.88	4.8	SR4	10/4/2019 10:31	29.52	78.5	5.13	**10.0**	SR4	10/4/2019 16:31	30.24	80.9	5.24	2.2	SR4	10/4/2019 22:31	29.55	74.5	4.93	5.4
SR4	10/4/2019 4:36	29.49	72.2	4.83	4.3	SR4	10/4/2019 10:36	29.51	79.1	5.17	**10.1**	SR4	10/4/2019 16:36	30.31	79.4	5.14	1.3	SR4	10/4/2019 22:36	29.52	76.2	5.02	8.5
SR4	10/4/2019 4:41	29.49	73.2	4.84	5.9	SR4	10/4/2019 10:41	29.49	77.9	5.09	**10.3**	SR4	10/4/2019 16:41	30.25	79.8	5.17	1.3	SR4	10/4/2019 22:41	29.50	74.2	4.93	5.8
SR4	10/4/2019 4:46	29.49	73.8	4.90	5.5	SR4	10/4/2019 10:46	29.50	78.2	5.11	**11.4**	SR4	10/4/2019 16:46	30.29	76.1	4.93	1.8	SR4	10/4/2019 22:46	29.51	74.1	4.87	5.1
SR4	10/4/2019 4:51	29.44	75.6	5.01	5.5	SR4	10/4/2019 10:51	29.50	78.0	5.10	7.1	SR4	10/4/2019 16:51	30.30	71.8	4.65	2.0	SR4	10/4/2019 22:51	29.54	72.6	4.85	5.1
SR4	10/4/2019 4:56	29.46	73.9	4.84	3.8	SR4	10/4/2019 10:56	29.56	79.1	5.17	7.1	SR4	10/4/2019 16:56	30.29	75.5	4.89	1.9	SR4	10/4/2019 22:56	29.50	72.0	4.81	5.7
SR4	10/4/2019 5:01	29.48	74.2	4.93	6.3	SR4	10/4/2019 11:01	29.54	80.3	5.24	8.1	SR4	10/4/2019 17:01	30.24	78.8	5.10	1.3	SR4	10/4/2019 23:01	29.50	72.1	4.84	5.3
SR4	10/4/2019 5:06	29.47	71.2	4.73	3.4	SR4	10/4/2019 11:06	29.65	81.3	5.30	6.0	SR4	10/4/2019 17:06	30.25	82.3	5.33	2.0	SR4	10/4/2019 23:06	29.53	73.0	4.82	5.5
SR4	10/4/2019 5:11	29.47	71.7	4.80	3.0	SR4	10/4/2019 11:11	29.54	79.4	5.19	8.2	SR4	10/4/2019 17:11	30.23	77.4	5.02	1.1	SR4	10/4/2019 23:11	29.51	70.7	4.63	3.4
SR4	10/4/2019 5:16	29.47	67.0	4.46	3.3	SR4	10/4/2019 11:16	29.55	78.7	5.13	7.9	SR4	10/4/2019 17:16	30.23	79.2	5.13	1.1	SR4	10/4/2019 23:16	29.55	72.6	4.74	2.9
SR4	10/4/2019 5:21	29.46	68.1	4.50	3.8	SR4	10/4/2019 11:21	29.53	77.3	5.05	8.2	SR4	10/4/2019 17:21	30.23	78.9	5.11	1.0	SR4	10/4/2019 23:21	29.50	72.2	4.72	6.4
SR4	10/4/2019 5:26	29.40	62.1	4.17	2.4	SR4	10/4/2019 11:26	29.54	77.8	5.07	7.0	SR4	10/4/2019 17:26	30.19	76.7	4.97	1.7	SR4	10/4/2019 23:26	29.51	72.8	4.84	3.9
SR4	10/4/2019 5:31	29.44	64.2	4.20	3.8	SR4	10/4/2019 11:31	29.49	76.1	4.96	**10.2**	SR4	10/4/2019 17:31	30.21	76.8	4.98	2.2	SR4	10/4/2019 23:31	29.51	71.1	4.68	4.0
SR4	10/4/2019 5:36	29.44	64.2	4.31	2.9	SR4	10/4/2019 11:36	29.50	77.1	5.02	8.1	SR4	10/4/2019 17:36	30.25	76.1	4.93	1.7	SR4	10/4/2019 23:36	29.50	75.2	4.94	7.6
SR4	10/4/2019 5:41	29.48	61.9	4.14	2.7	SR4	10/4/2019 11:41	29.74	77.8	5.05	4.5	SR4	10/4/2019 17:41	30.22	77.0	4.99	1.1	SR4	10/4/2019 23:41	29.50	73.2	4.81	4.0
SR4	10/4/2019 5:46	29.48	63.5	4.18	3.4	SR4	10/4/2019 11:46	29.58	77.9	5.07	4.8	SR4	10/4/2019 17:46	30.20	70.3	4.56	1.2	SR4	10/4/2019 23:46	29.50	75.8	5.03	5.1
SR4	10/4/2019 5:51	29.48	63.8	4.25	3.5	SR4	10/4/2019 11:51	29.56	77.2	5.03	6.9	SR4	10/4/2019 17:51	30.19	78.3	5.07	1.4	SR4	10/4/2019 23:51	29.49	74.4	4.91	5.2
SR4	10/4/2019 5:56	29.48	63.9	4.21	3.2	SR4	10/4/2019 11:56	29.64	76.8	5.00	5.5	SR4	10/4/2019 17:56	30.15	74.1	4.80	1.2	SR4	10/4/2019 23:56	29.49	74.8	4.88	5.4

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	10/4/2019 0:00	29.56	78.1	5.29	6.1	SR5	10/4/2019 6:00	29.57	83.4	5.36	6.5	SR5	10/4/2019 12:00	29.63	78.5	5.33	6.1	SR5	10/4/2019 18:00	30.00	83.4	5.31	4.9
SR5	10/4/2019 0:05	29.55	78.5	5.32	6.7	SR5	10/4/2019 6:05	29.63	83.5	5.36	4.5	SR5	10/4/2019 12:05	29.75	78.6	5.32	6.5	SR5	10/4/2019 18:05	30.00	83.8	5.33	6.1
SR5	10/4/2019 0:10	29.54	78.4	5.31	5.5	SR5	10/4/2019 6:10	29.62	83.1	5.34	5.5	SR5	10/4/2019 12:10	29.63	79.2	5.40	6.5	SR5	10/4/2019 18:10	30.00	83.0	5.28	5.4
SR5	10/4/2019 0:15	29.54	78.2	5.29	6.1	SR5	10/4/2019 6:15	29.61	83.1	5.34	5.0	SR5	10/4/2019 12:15	29.61	79.0	5.36	5.2	SR5	10/4/2019 18:15	30.00	83.7	5.32	4.9
SR5	10/4/2019 0:20	29.54	77.7	5.26	5.0	SR5	10/4/2019 6:20	29.63	82.8	5.32	5.2	SR5	10/4/2019 12:20	29.62	78.7	5.35	6.2	SR5	10/4/2019 18:20	29.98	83.5	5.31	5.9
SR5	10/4/2019 0:25	29.54	78.1	5.26	5.4	SR5	10/4/2019 6:25	29.63	82.3	5.28	6.8	SR5	10/4/2019 12:25	29.64	79.0	5.36	5.2	SR5	10/4/2019 18:25	29.98	84.3	5.36	6.4
SR5	10/4/2019 0:30	29.57	76.6	5.19	6.4	SR5	10/4/2019 6:30	29.61	82.5	5.30	5.8	SR5	10/4/2019 12:30	29.68	79.0	5.34	6.3	SR5	10/4/2019 18:30	29.93	83.8	5.34	6.0
SR5	10/4/2019 0:35	29.54	77.8	5.26	5.6	SR5	10/4/2019 6:35	29.60	82.5	5.30	6.3	SR5	10/4/2019 12:35	29.62	79.1	5.40	5.5	SR5	10/4/2019 18:35	29.92	83.5	5.32	4.5
SR5	10/4/2019 0:40	29.54	76.9	5.19	5.8	SR5	10/4/2019 6:40	29.60	82.1	5.28	5.8	SR5	10/4/2019 12:40	29.58	78.9	5.37	5.7	SR5	10/4/2019 18:40	29.90	82.8	5.28	5.7
SR5	10/4/2019 0:45	29.55	77.6	5.28	5.9	SR5	10/4/2019 6:45	29.61	82.1	5.27	5.4	SR5	10/4/2019 12:45	29.73	78.7	5.34	5.4	SR5	10/4/2019 18:45	29.93	80.7	5.14	5.6
SR5	10/4/2019 0:50	29.54	77.6	5.27	5.4	SR5	10/4/2019 6:50	29.60	81.9	5.26	5.9	SR5	10/4/2019 12:50	29.66	78.7	5.33	7.0	SR5	10/4/2019 18:50	29.92	80.5	5.13	4.7
SR5	10/4/2019 0:55	29.53	78.1	5.30	4.9	SR5	10/4/2019 6:55	29.61	82.0	5.27	5.8	SR5	10/4/2019 12:55	29.66	79.1	5.37	7.3	SR5	10/4/2019 18:55	29.92	79.8	**5.09**	4.6
SR5	10/4/2019 1:00	29.50	79.1	5.39	5.2	SR5	10/4/2019 7:00	29.61	82.1	5.27	6.7	SR5	10/4/2019 13:00	29.64	79.1	5.37	5.0	SR5	10/4/2019 19:00	29.95	85.1	5.42	6.6
SR5	10/4/2019 1:05	29.57	80.7	5.47	4.3	SR5	10/4/2019 7:05	29.62	81.8	5.25	4.7	SR5	10/4/2019 13:05	29.64	79.2	5.38	6.3	SR5	10/4/2019 19:05	29.96	86.6	5.52	6.3
SR5	10/4/2019 1:10	29.59	80.5	5.47	6.3	SR5	10/4/2019 7:10	29.63	81.9	5.26	5.2	SR5	10/4/2019 13:10	29.63	78.4	5.31	6.2	SR5	10/4/2019 19:10	29.95	89.1	5.69	4.3
SR5	10/4/2019 1:15	29.59	80.8	5.46	4.9	SR5	10/4/2019 7:15	29.64	81.7	5.25	5.5	SR5	10/4/2019 13:15	29.72	80.3	5.43	6.9	SR5	10/4/2019 19:15	30.07	88.5	5.64	5.1
SR5	10/4/2019 1:20	29.58	80.5	5.47	5.8	SR5	10/4/2019 7:20	29.65	82.0	5.26	6.0	SR5	10/4/2019 13:20	29.71	81.1	5.49	5.0	SR5	10/4/2019 19:20	30.07	89.0	5.68	4.6
SR5	10/4/2019 1:25	29.55	80.0	5.39	6.0	SR5	10/4/2019 7:25	29.73	83.3	5.35	5.5	SR5	10/4/2019 13:25	29.69	81.0	5.48	6.6	SR5	10/4/2019 19:25	30.07	87.7	5.59	5.6
SR5	10/4/2019 1:30	29.56	80.1	5.42	4.0	SR5	10/4/2019 7:30	29.75	83.2	5.34	6.0	SR5	10/4/2019 13:30	29.64	80.6	5.48	6.0	SR5	10/4/2019 19:30	30.07	88.6	5.66	4.9
SR5	10/4/2019 1:35	29.55	80.1	5.43	5.7	SR5	10/4/2019 7:35	29.75	83.6	5.37	5.6	SR5	10/4/2019 13:35	29.64	81.2	5.51	6.5	SR5	10/4/2019 19:35	30.00	88.3	5.65	5.1
SR5	10/4/2019 1:40	29.59	80.7	5.45	5.1	SR5	10/4/2019 7:40	29.75	82.2	5.27	4.7	SR5	10/4/2019 13:40	29.88	81.9	5.55	4.2	SR5	10/4/2019 19:40	30.08	87.7	5.59	4.5
SR5	10/4/2019 1:45	29.56	79.8	5.42	4.6	SR5	10/4/2019 7:45	29.74	82.8	5.31	4.6	SR5	10/4/2019 13:45	29.75	81.6	5.53	6.4	SR5	10/4/2019 19:45	30.01	88.6	5.66	5.2
SR5	10/4/2019 1:50	29.56	81.0	5.48	5.5	SR5	10/4/2019 7:50	29.74	82.4	5.29	5.3	SR5	10/4/2019 13:50	29.94	80.9	5.49	7.0	SR5	10/4/2019 19:50	30.03	87.1	5.55	6.1
SR5	10/4/2019 1:55	29.56	81.8	5.57	6.3	SR5	10/4/2019 7:55	29.74	81.6	5.24	6.4	SR5	10/4/2019 13:55	29.75	81.4	5.54	6.0	SR5	10/4/2019 19:55	30.02	87.7	5.59	6.3
SR5	10/4/2019 2:00	29.57	81.7	5.53	4.8	SR5	10/4/2019 8:00	29.73	78.5	5.32	6.0	SR5	10/4/2019 14:00	29.68	81.1	5.49	6.1	SR5	10/4/2019 20:00	30.01	89.2	5.70	6.7
SR5	10/4/2019 2:05	29.56	81.8	5.54	6.4	SR5	10/4/2019 8:05	29.73	78.2	5.32	6.8	SR5	10/4/2019 14:05	29.71	81.4	5.52	7.1	SR5	10/4/2019 20:05	30.01	88.9	5.68	4.9
SR5	10/4/2019 2:10	29.55	81.3	5.49	4.9	SR5	10/4/2019 8:10	29.73	78.5	5.31	5.0	SR5	10/4/2019 14:10	29.70	81.6	5.54	6.4	SR5	10/4/2019 20:10	30.01	87.4	5.58	4.8
SR5	10/4/2019 2:15	29.55	81.2	5.52	5.9	SR5	10/4/2019 8:15	29.71	78.5	5.33	5.6	SR5	10/4/2019 14:15	29.67	81.5	5.53	6.7	SR5	10/4/2019 20:15	30.02	88.0	5.62	5.5
SR5	10/4/2019 2:20	29.54	80.5	5.43	5.0	SR5	10/4/2019 8:20	29.74	78.5	5.35	6.4	SR5	10/4/2019 14:20	29.67	81.4	5.51	6.1	SR5	10/4/2019 20:20	30.04	89.1	5.69	5.5
SR5	10/4/2019 2:25	29.55	80.8	5.46	5.4	SR5	10/4/2019 8:25	29.74	81.6	5.23	4.0	SR5	10/4/2019 14:25	29.67	81.4	5.53	7.0	SR5	10/4/2019 20:25	30.02	87.8	5.61	4.7
SR5	10/4/2019 2:30	29.57	80.9	5.49	5.8	SR5	10/4/2019 8:30	29.70	82.6	5.31	4.9	SR5	10/4/2019 14:30	29.66	81.5	5.55	7.4	SR5	10/4/2019 20:30	30.03	85.8	5.48	4.6
SR5	10/4/2019 2:35	29.60	80.6	5.43	5.2	SR5	10/4/2019 8:35	29.67	82.2	5.29	4.1	SR5	10/4/2019 14:35	29.71	81.9	5.56	4.8	SR5	10/4/2019 20:35	30.03	86.4	5.52	4.9
SR5	10/4/2019 2:40	29.59	80.1	5.42	6.4	SR5	10/4/2019 8:40	29.68	82.4	5.30	4.8	SR5	10/4/2019 14:40	29.73	80.8	5.45	5.8	SR5	10/4/2019 20:40	30.04	85.6	5.46	4.2
SR5	10/4/2019 2:45	29.58	79.8	5.42	5.1	SR5	10/4/2019 8:45	29.68	83.3	5.36	5.7	SR5	10/4/2019 14:45	29.71	80.3	5.42	6.7	SR5	10/4/2019 20:45	30.04	84.5	5.39	6.0
SR5	10/4/2019 2:50	29.55	80.5	5.45	4.4	SR5	10/4/2019 8:50	29.68	83.1	5.35	5.9	SR5	10/4/2019 14:50	29.74	80.2	5.42	6.2	SR5	10/4/2019 20:50	30.02	88.6	5.66	4.7
SR5	10/4/2019 2:55	29.56	80.1	5.45	6.2	SR5	10/4/2019 8:55	29.69	83.3	5.36	5.9	SR5	10/4/2019 14:55	29.96	81.0	5.46	6.2	SR5	10/4/2019 20:55	30.00	85.5	5.46	6.1
SR5	10/4/2019 3:00	29.56	80.6	5.45	5.7	SR5	10/4/2019 9:00	29.68	83.2	5.35	5.6	SR5	10/4/2019 15:00	30.09	81.8	5.54	5.2	SR5	10/4/2019 21:00	30.00	85.7	5.48	5.8
SR5	10/4/2019 3:05	29.54	80.6	5.49	5.7	SR5	10/4/2019 9:05	29.69	83.7	5.39	5.3	SR5	10/4/2019 15:05	30.01	82.5	5.59	6.0	SR5	10/4/2019 21:05	30.02	86.7	5.53	6.9
SR5	10/4/2019 3:10	29.54	80.8	5.51	5.7	SR5	10/4/2019 9:10	29.69	83.7	5.38	5.8	SR5	10/4/2019 15:10	29.98	83.2	5.29	5.5	SR5	10/4/2019 21:10	30.02	85.1	5.43	5.1
SR5	10/4/2019 3:15	29.56	80.4	5.45	4.8	SR5	10/4/2019 9:15	29.69	83.3	5.36	5.0	SR5	10/4/2019 15:15	29.96	82.4	5.55	7.1	SR5	10/4/2019 21:15	30.02	85.4	5.45	5.3
SR5	10/4/2019 3:20	29.58	80.3	5.44	6.5	SR5	10/4/2019 9:20	29.69	83.2	5.36	5.2	SR5	10/4/2019 15:20	29.94	82.1	5.58	5.4	SR5	10/4/2019 21:20	30.02	86.2	5.50	5.7
SR5	10/4/2019 3:25	29.59	79.7	5.40	4.6	SR5	10/4/2019 9:25	29.70	83.3	5.36	5.6	SR5	10/4/2019 15:25	29.94	81.4	5.51	5.1	SR5	10/4/2019 21:25	30.01	85.9	5.49	7.3
SR5	10/4/2019 3:30	29.58	79.4	5.37	5.3	SR5	10/4/2019 9:30	29.71	83.6	5.38	5.1	SR5	10/4/2019 15:30	29.98	82.7	5.57	6.1	SR5	10/4/2019 21:30	30.02	86.4	5.51	5.5
SR5	10/4/2019 3:35	29.47	85.0	5.45	6.4	SR5	10/4/2019 9:35	29.71	83.5	5.37	4.9	SR5	10/4/2019 15:35	30.00	82.5	5.55	6.2	SR5	10/4/2019 21:35	30.03	87.2	5.56	4.1
SR5	10/4/2019 3:40	29.52	84.8	5.43	5.6	SR5	10/4/2019 9:40	29.71	83.3	5.36	5.7	SR5	10/4/2019 15:40	30.02	82.2	5.54	5.9	SR5	10/4/2019 21:40	30.01	86.9	5.55	6.3
SR5	10/4/2019 3:45	29.55	84.3	5.39	5.1	SR5	10/4/2019 9:45	29.77	83.9	5.40	5.4	SR5	10/4/2019 15:45	30.02	83.0	5.61	5.4	SR5	10/4/2019 21:45	30.03	86.0	5.49	6.0
SR5	10/4/2019 3:50	29.53	84.5	5.41	6.1	SR5	10/4/2019 9:50	29.81	84.1	5.41	6.2	SR5	10/4/2019 15:50	30.02	82.6	5.54	5.9	SR5	10/4/2019 21:50	29.99	87.2	5.57	4.2
SR5	10/4/2019 3:55	29.55	84.2	5.39	5.4	SR5	10/4/2019 9:55	29.78	83.4	5.36	4.5	SR5	10/4/2019 15:55	30.01	82.5	5.58	5.9	SR5	10/4/2019 21:55	30.02	87.0	5.55	4.3
SR5	10/4/2019 4:00	29.55	84.1	5.38	6.2	SR5	10/4/2019 10:00	29.73	82.8	5.33	5.0	SR5	10/4/2019 16:00	30.01	83.3	5.60	5.4	SR5	10/4/2019 22:00	30.04	85.7	5.47	4.3
SR5	10/4/2019 4:05	29.56	83.0	5.31	5.4	SR5	10/4/2019 10:05	29.80	83.8	5.39	6.3	SR5	10/4/2019 16:05	30.02	83.2	5.62	7.1	SR5	10/4/2019 22:05	30.03	85.4	5.45	3.9
SR5	10/4/2019 4:10	29.56	83.0	5.31	6.2	SR5	10/4/2019 10:10	29.74	83.0	5.34	6.5	SR5	10/4/2019 16:10	30.02	83.1	5.59	4.6	SR5	10/4/2019 22:10	30.02	85.0	5.42	5.3
SR5	10/4/2019 4:15	29.57	82.7	5.30	5.7	SR5	10/4/2019 10:15	29.76	83.5	5.37	6.8	SR5	10/4/2019 16:15	30.01	82.4	5.55	6.4	SR5	10/4/2019 22:15	30.03	85.1	5.43	5.5
SR5	10/4/2019 4:20	29.59	82.5	5.28	5.9	SR5	10/4/2019 10:20	29.81	83.0	5.34	5.1	SR5	10/4/2019 16:20	30.05	82.2	5.53	6.1	SR5	10/4/2019 22:20	30.03	83.2	5.31	5.6
SR5	10/4/2019 4:25	29.58	82.5	5.28	6.0	SR5	10/4/2019 10:25	29.77	83.0	5.34	5.9	SR5	10/4/2019 16:25	30.05	82.6	5.56	6.1	SR5	10/4/2019 22:25	30.04	84.3	5.38	5.5
SR5	10/4/2019 4:30	29.59	80.9	5.18	5.0	SR5	10/4/2019 10:30	29.76	82.9	5.33	7.0	SR5	10/4/2019 16:30	30.03	82.4	5.55	4.9	SR5	10/4/2019 22:30	30.03	83.4	5.31	5.2
SR5	10/4/2019 4:35	29.58	81.5	5.22	5.9	SR5	10/4/2019 10:35	29.74	82.3	5.29	5.5	SR5	10/4/2019 16:35	30.04	81.9	5.54	5.0	SR5	10/4/2019 22:35	30.03	85.0	5.42	5.9
SR5	10/4/2019 4:40	29.60	82.8	5.30	6.1	SR5	10/4/2019 10:40	29.75	82.1	5.27	4.7	SR5	10/4/2019 16:40	30.00	82.5	5.24	6.5	SR5	10/4/2019 22:40	30.00	84.4	5.38	4.5
SR5	10/4/2019 4:45	29.58	83.9	5.38	5.8	SR5	10/4/2019 10:45	29.72	81.7	5.25	5.1	SR5	10/4/2019 16:45	30.02	82.8	5.26	6.3	SR5	10/4/2019 22:45	29.90	84.1	5.37	4.7
SR5	10/4/2019 4:50	29.61	84.3	5.40	6.0	SR5	10/4/2019 10:50	29.70	81.9	5.26	5.6	SR5	10/4/2019 16:50	30.00	84.2	5.35	6.8	SR5	10/4/2019 22:50	29.94	83.5	5.33	5.5
SR5	10/4/2019 4:55	29.58	84.2	5.40	5.8	SR5	10/4/2019 10:55	29.69	81.0	5.20	6.8	SR5	10/4/2019 16:55	30.01	83.3	5.29	5.0	SR5	10/4/2019 22:55	29.87	80.7	5.46	4.3
SR5	10/4/2019 5:00	29.57	84.1	5.40	6.6	SR5	10/4/2019 11:00	29.68	77.9	5.32	5.9	SR5	10/4/2019 17:00	29.98	83.7	5.32	4.6	SR5	10/4/2019 23:00	29.81	79.7	5.41	5.5
SR5	10/4/2019 5:05	29.59	83.8	5.38	5.6	SR5	10/4/2019 11:05	29.66	77.0	5.21	6.8	SR5	10/4/2019 17:05	29.98	83.9	5.34	6.5	SR5	10/4/2019 23:05	29.70	79.5	5.41	6.3
SR5	10/4/2019 5:10	29.64	83.9	5.37	4.6	SR5	10/4/2019 11:10	29.69	77.7	5.30	6.3	SR5	10/4/2019 17:10	29.99	84.2	5.35	5.5	SR5	10/4/2019 23:10	29.70	77.7	5.25	6.9
SR5	10/4/2019 5:15	29.62	83.9	5.38	5.7	SR5	10/4/2019 11:15	29.70	77.5	5.29	6.0	SR5	10/4/2019 17:15	29.98	84.1	5.34	5.4	SR5	10/4/2019 23:15	29.70	77.5	5.23	4.5
SR5	10/4/2019 5:20	29.63	84.2	5.40	5.5	SR5	10/4/2019 11:20	29.69	77.3	5.27	6.3	SR5	10/4/2019 17:20	29.99	84.4	5.37	5.9	SR5	10/4/2019 23:20	29.68	76.6	5.21	5.5
SR5	10/4/2019 5:25	29.64	84.1	5.40	6.2	SR5	10/4/2019 11:25	29.68	77.6	5.26	5.6	SR5	10/4/2019 17:25	29.98	84.2	5.35	5.4	SR5	10/4/2019 23:25	29.66	78.6	5.33	4.8
SR5	10/4/2019 5:30	29.65	83.6	5.36	6.1	SR5	10/4/2019 11:30	29.69	77.3	5.28	7.0	SR5	10/4/2019 17:30	29.97	83.3	5.29	4.8	SR5	10/4/2019 23:30	29.67	78.6	5.32	6.4
SR5	10/4/2019 5:35	29.69	83.3	5.34	5.5	SR5	10/4/2019 11:35	29.66	77.8	5.29	7.1	SR5	10/4/2019 17:35	29.98	83.5	5.31	4.6	SR5	10/4/2019 23:35	29.66	78.4	5.28	5.0
SR5	10/4/2019 5:40	29.68	83.1	5.32	4.5	SR5	10/4/2019 11:40	29.66	77.8	5.28	5.2	SR5	10/4/2019 17:40	29.98	83.0	5.28	5.4	SR5	10/4/2019 23:40	29.66	78.1	5.29	5.8
SR5	10/4/2019 5:45	29.51	84.0	5.41	6.3	SR5	10/4/2019 11:45	29.65	78.2	5.33	6.7	SR5	10/4/2019 17:45	29.99	82.2	5.23	6.9	SR5	10/4/2019 23:45	29.66	77.9	5.25	4.1
SR5	10/4/2019 5:50	29.57	83.7	5.38	6.3	SR5	10/4/2019 11:50	29.65	77.9	5.27	5.7	SR5	10/4/2019 17:50	29.98	84.1	5.35	4.5	SR5	10/4/2019 23:50	29.65	77.8	5.26	6.4
SR5	10/4/2019 5:55	29.58	83.5	5.36	5.3	SR5	10/4/2019 11:55	29.62	78.5	5.33	6.9	SR5	10/4/2019 17:55	29.99	83.5	5.31	6.4	SR5	10/4/2019 23:55	29.65	78.1	5.26	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	10/4/2019 0:01	29.83	73.6	5.27	3.5	SR12	10/4/2019 6:01	29.88	71.5	5.19	4.1	SR12	10/4/2019 12:01	29.53	74.6	5.36	5.6	SR12	10/4/2019 18:01	29.59	76.7	5.49	5.8
SR12	10/4/2019 0:06	29.88	75.9	5.48	3.3	SR12	10/4/2019 6:06	29.85	70.4	5.08	3.4	SR12	10/4/2019 12:06	29.52	74.2	5.39	**18.6**	SR12	10/4/2019 18:06	29.60	75.7	5.41	5.8
SR12	10/4/2019 0:11	29.91	75.6	5.47	3.7	SR12	10/4/2019 6:11	29.86	71.6	5.19	2.8	SR12	10/4/2019 12:11	29.51	74.2	5.33	6.2	SR12	10/4/2019 18:11	29.61	76.8	5.49	6.0
SR12	10/4/2019 0:16	29.89	77.4	5.52	4.8	SR12	10/4/2019 6:16	29.86	71.0	5.14	4.1	SR12	10/4/2019 12:16	29.50	74.7	5.36	3.7	SR12	10/4/2019 18:16	29.61	76.6	5.47	4.5
SR12	10/4/2019 0:21	29.90	77.3	5.56	2.9	SR12	10/4/2019 6:21	29.84	72.3	5.24	4.3	SR12	10/4/2019 12:21	29.50	73.6	5.36	4.2	SR12	10/4/2019 18:21	29.61	76.6	5.48	4.9
SR12	10/4/2019 0:26	29.91	76.3	5.52	4.1	SR12	10/4/2019 6:26	29.76	71.7	5.22	4.9	SR12	10/4/2019 12:26	29.50	73.3	5.30	2.9	SR12	10/4/2019 18:26	29.61	76.6	5.46	5.0
SR12	10/4/2019 0:31	29.97	74.3	5.38	2.7	SR12	10/4/2019 6:31	29.76	69.7	5.07	6.1	SR12	10/4/2019 12:31	29.48	74.2	5.33	3.4	SR12	10/4/2019 18:31	29.61	77.8	5.56	8.2
SR12	10/4/2019 0:36	30.02	76.4	5.53	2.4	SR12	10/4/2019 6:36	29.73	69.2	5.04	4.4	SR12	10/4/2019 12:36	29.47	74.3	5.36	6.0	SR12	10/4/2019 18:36	29.61	76.8	5.49	5.0
SR12	10/4/2019 0:41	30.07	78.4	5.62	3.7	SR12	10/4/2019 6:41	29.78	74.6	5.40	**19.8**	SR12	10/4/2019 12:41	29.47	74.6	5.37	3.1	SR12	10/4/2019 18:41	29.63	76.8	5.48	4.8
SR12	10/4/2019 0:46	30.04	77.1	5.51	3.5	SR12	10/4/2019 6:46	29.76	69.4	5.04	**11.2**	SR12	10/4/2019 12:46	29.48	72.9	5.26	3.3	SR12	10/4/2019 18:46	29.63	77.3	5.51	4.5
SR12	10/4/2019 0:51	29.99	76.5	5.47	2.5	SR12	10/4/2019 6:51	29.80	73.4	5.29	**10.3**	SR12	10/4/2019 12:51	29.46	72.9	5.26	4.1	SR12	10/4/2019 18:51	29.63	78.3	5.59	5.6
SR12	10/4/2019 0:56	30.02	77.7	5.60	3.2	SR12	10/4/2019 6:56	29.78	75.5	5.46	6.2	SR12	10/4/2019 12:56	29.46	72.9	5.27	3.1	SR12	10/4/2019 18:56	29.63	78.3	5.59	5.3
SR12	10/4/2019 1:01	30.04	77.2	5.59	4.4	SR12	10/4/2019 7:01	29.77	76.1	5.47	7.2	SR12	10/4/2019 13:01	29.46	75.0	5.38	4.7	SR12	10/4/2019 19:01	29.64	76.6	5.46	5.0
SR12	10/4/2019 1:06	30.04	77.2	5.56	3.0	SR12	10/4/2019 7:06	29.75	79.0	5.69	9.8	SR12	10/4/2019 13:06	29.44	75.3	5.46	4.6	SR12	10/4/2019 19:06	29.64	78.9	5.62	5.6
SR12	10/4/2019 1:11	30.03	77.9	5.56	3.3	SR12	10/4/2019 7:11	29.75	78.5	5.67	5.5	SR12	10/4/2019 13:11	29.46	75.9	5.51	4.4	SR12	10/4/2019 19:11	29.66	78.3	5.58	5.2
SR12	10/4/2019 1:16	30.06	77.4	5.56	3.1	SR12	10/4/2019 7:16	29.74	79.1	5.70	4.9	SR12	10/4/2019 13:16	29.46	75.0	5.43	3.0	SR12	10/4/2019 19:16	29.67	79.1	5.63	4.7
SR12	10/4/2019 1:21	30.00	76.8	5.53	2.7	SR12	10/4/2019 7:21	29.73	78.1	5.64	5.7	SR12	10/4/2019 13:21	29.45	75.0	5.42	3.9	SR12	10/4/2019 19:21	29.66	78.1	5.56	5.5
SR12	10/4/2019 1:26	30.03	76.4	5.52	3.9	SR12	10/4/2019 7:26	29.73	77.8	5.59	**11.1**	SR12	10/4/2019 13:26	29.45	75.6	5.43	4.5	SR12	10/4/2019 19:26	29.66	78.3	5.59	5.1
SR12	10/4/2019 1:31	30.07	77.3	5.57	2.7	SR12	10/4/2019 7:31	29.73	77.7	5.59	5.7	SR12	10/4/2019 13:31	29.45	76.3	5.50	4.4	SR12	10/4/2019 19:31	29.68	77.2	5.50	4.1
SR12	10/4/2019 1:36	30.04	79.7	5.73	3.7	SR12	10/4/2019 7:36	29.73	77.1	5.54	5.6	SR12	10/4/2019 13:36	29.44	75.5	5.42	4.5	SR12	10/4/2019 19:36	29.69	77.8	5.55	4.1
SR12	10/4/2019 1:41	30.04	77.5	5.58	3.1	SR12	10/4/2019 7:41	29.73	79.5	5.69	8.7	SR12	10/4/2019 13:41	29.44	73.4	5.30	7.2	SR12	10/4/2019 19:41	29.66	77.2	5.51	5.0
SR12	10/4/2019 1:46	30.07	78.8	5.65	3.4	SR12	10/4/2019 7:46	29.71	77.3	5.56	7.1	SR12	10/4/2019 13:46	29.44	75.6	5.42	3.2	SR12	10/4/2019 19:46	29.70	77.9	5.55	5.0
SR12	10/4/2019 1:51	30.08	80.2	5.74	2.5	SR12	10/4/2019 7:51	29.71	77.1	5.60	4.9	SR12	10/4/2019 13:51	29.44	73.5	5.35	3.9	SR12	10/4/2019 19:51	29.71	79.2	5.65	5.3
SR12	10/4/2019 1:56	30.12	78.7	5.62	3.1	SR12	10/4/2019 7:56	29.69	77.7	5.58	4.8	SR12	10/4/2019 13:56	29.43	75.1	5.39	**10.5**	SR12	10/4/2019 19:56	29.72	78.5	5.59	3.9
SR12	10/4/2019 2:01	30.12	79.4	5.71	2.7	SR12	10/4/2019 8:01	29.70	75.6	5.47	4.7	SR12	10/4/2019 14:01	29.41	75.3	5.45	4.4	SR12	10/4/2019 20:01	29.72	78.7	5.61	4.5
SR12	10/4/2019 2:06	30.12	77.8	5.61	3.4	SR12	10/4/2019 8:06	29.69	75.1	5.45	6.9	SR12	10/4/2019 14:06	29.40	76.0	5.52	4.8	SR12	10/4/2019 20:06	29.76	77.9	5.55	5.5
SR12	10/4/2019 2:11	30.11	79.1	5.66	3.6	SR12	10/4/2019 8:11	29.69	76.3	5.52	5.4	SR12	10/4/2019 14:11	29.40	73.0	5.27	3.9	SR12	10/4/2019 20:11	29.75	78.4	5.60	5.5
SR12	10/4/2019 2:16	30.10	77.6	5.54	3.4	SR12	10/4/2019 8:16	29.70	75.9	5.50	6.4	SR12	10/4/2019 14:16	29.42	73.1	5.31	5.1	SR12	10/4/2019 20:16	29.74	76.4	5.45	4.6
SR12	10/4/2019 2:21	30.10	77.1	5.58	2.8	SR12	10/4/2019 8:21	29.66	75.3	5.43	**13.2**	SR12	10/4/2019 14:21	29.43	74.7	5.37	5.1	SR12	10/4/2019 20:21	29.68	76.6	5.49	4.8
SR12	10/4/2019 2:26	30.12	75.1	5.35	2.8	SR12	10/4/2019 8:26	29.66	73.0	5.30	**18.8**	SR12	10/4/2019 14:26	29.42	75.6	5.46	5.4	SR12	10/4/2019 20:26	29.68	76.2	5.45	6.9
SR12	10/4/2019 2:31	30.13	75.7	5.40	3.1	SR12	10/4/2019 8:31	29.67	74.1	5.34	5.7	SR12	10/4/2019 14:31	29.42	73.8	5.33	5.0	SR12	10/4/2019 20:31	29.70	76.5	5.47	5.9
SR12	10/4/2019 2:36	30.12	75.4	5.37	4.0	SR12	10/4/2019 8:36	29.67	72.4	5.26	6.8	SR12	10/4/2019 14:36	29.42	73.6	5.32	5.2	SR12	10/4/2019 20:36	29.76	77.2	5.52	7.0
SR12	10/4/2019 2:41	30.11	74.8	5.33	3.0	SR12	10/4/2019 8:41	29.67	74.1	5.35	5.9	SR12	10/4/2019 14:41	29.41	73.4	5.34	5.1	SR12	10/4/2019 20:41	29.66	75.8	5.43	8.4
SR12	10/4/2019 2:46	30.10	75.0	5.35	3.9	SR12	10/4/2019 8:46	29.67	74.6	5.36	8.4	SR12	10/4/2019 14:46	29.41	73.9	5.38	5.3	SR12	10/4/2019 20:46	29.66	75.3	5.39	8.3
SR12	10/4/2019 2:51	30.04	73.1	5.22	3.3	SR12	10/4/2019 8:51	29.67	74.2	5.32	6.8	SR12	10/4/2019 14:51	29.40	73.3	5.30	5.4	SR12	10/4/2019 20:51	29.66	75.1	5.38	7.7
SR12	10/4/2019 2:56	30.05	73.6	5.28	4.0	SR12	10/4/2019 8:56	29.66	72.9	5.30	5.5	SR12	10/4/2019 14:56	29.40	73.6	5.33	5.7	SR12	10/4/2019 20:56	29.67	74.7	5.34	9.4
SR12	10/4/2019 3:01	30.07	75.9	5.44	6.4	SR12	10/4/2019 9:01	29.66	73.5	5.30	6.8	SR12	10/4/2019 15:01	29.38	75.6	5.46	6.6	SR12	10/4/2019 21:01	29.68	75.4	5.40	7.2
SR12	10/4/2019 3:06	30.01	74.6	5.41	3.4	SR12	10/4/2019 9:06	29.65	73.8	5.30	4.9	SR12	10/4/2019 15:06	29.40	73.4	5.28	4.9	SR12	10/4/2019 21:06	29.71	76.6	5.49	6.7
SR12	10/4/2019 3:11	30.02	73.9	5.33	3.1	SR12	10/4/2019 9:11	29.65	73.9	5.34	6.3	SR12	10/4/2019 15:11	29.41	74.9	5.43	6.4	SR12	10/4/2019 21:11	29.71	76.2	5.44	7.3
SR12	10/4/2019 3:16	29.99	73.6	5.29	2.7	SR12	10/4/2019 9:16	29.66	71.7	5.17	5.4	SR12	10/4/2019 15:16	29.39	73.2	5.31	5.4	SR12	10/4/2019 21:16	29.76	76.8	5.49	5.6
SR12	10/4/2019 3:21	30.02	71.5	5.17	3.6	SR12	10/4/2019 9:21	29.65	73.6	5.33	7.4	SR12	10/4/2019 15:21	29.38	72.8	5.30	4.8	SR12	10/4/2019 21:21	29.71	76.5	5.48	6.4
SR12	10/4/2019 3:26	29.97	72.5	5.20	3.7	SR12	10/4/2019 9:26	29.65	72.9	5.29	5.1	SR12	10/4/2019 15:26	29.40	70.3	5.11	5.1	SR12	10/4/2019 21:26	29.73	76.3	5.46	7.2
SR12	10/4/2019 3:31	30.03	74.4	5.37	3.0	SR12	10/4/2019 9:31	29.64	73.5	5.31	4.5	SR12	10/4/2019 15:31	29.39	70.7	5.12	5.1	SR12	10/4/2019 21:31	29.73	75.4	5.40	7.2
SR12	10/4/2019 3:36	30.01	73.5	5.29	4.0	SR12	10/4/2019 9:36	29.64	74.6	5.40	5.9	SR12	10/4/2019 15:36	29.37	68.2	4.99	4.4	SR12	10/4/2019 21:36	29.74	75.3	5.39	7.3
SR12	10/4/2019 3:41	29.91	71.5	5.19	3.6	SR12	10/4/2019 9:41	29.64	73.5	5.35	5.5	SR12	10/4/2019 15:41	29.38	68.4	4.95	4.8	SR12	10/4/2019 21:41	29.74	74.1	5.30	7.4
SR12	10/4/2019 3:46	30.01	72.8	5.28	3.8	SR12	10/4/2019 9:46	29.64	72.6	5.24	6.5	SR12	10/4/2019 15:46	29.40	69.5	5.09	5.0	SR12	10/4/2019 21:46	29.74	75.8	5.42	7.0
SR12	10/4/2019 3:51	29.85	69.3	5.01	2.9	SR12	10/4/2019 9:51	29.64	74.3	5.34	6.4	SR12	10/4/2019 15:51	29.44	68.2	4.99	4.2	SR12	10/4/2019 21:51	29.86	76.2	5.44	4.8
SR12	10/4/2019 3:56	29.86	69.2	5.03	2.6	SR12	10/4/2019 9:56	29.64	72.0	5.18	5.4	SR12	10/4/2019 15:56	29.44	68.2	4.94	4.8	SR12	10/4/2019 21:56	29.79	75.8	5.42	5.9
SR12	10/4/2019 4:01	29.97	70.8	5.15	4.2	SR12	10/4/2019 10:01	29.64	69.9	5.08	5.1	SR12	10/4/2019 16:01	29.47	67.3	4.90	4.6	SR12	10/4/2019 22:01	29.80	75.1	5.37	6.1
SR12	10/4/2019 4:06	29.92	71.0	5.16	3.5	SR12	10/4/2019 10:06	29.62	72.7	5.26	4.6	SR12	10/4/2019 16:06	29.47	68.6	4.97	5.0	SR12	10/4/2019 22:06	29.83	75.2	5.38	5.9
SR12	10/4/2019 4:11	29.96	70.3	5.12	4.2	SR12	10/4/2019 10:11	29.62	72.8	5.24	4.2	SR12	10/4/2019 16:11	29.42	68.6	4.99	3.3	SR12	10/4/2019 22:11	29.80	75.6	5.42	5.2
SR12	10/4/2019 4:16	29.91	69.0	5.01	3.4	SR12	10/4/2019 10:16	29.61	74.6	5.36	4.1	SR12	10/4/2019 16:16	29.43	69.2	5.01	3.8	SR12	10/4/2019 22:16	29.89	75.1	5.36	5.2
SR12	10/4/2019 4:21	29.92	68.3	4.92	3.7	SR12	10/4/2019 10:21	29.62	74.9	5.38	4.9	SR12	10/4/2019 16:21	29.41	68.9	4.99	4.3	SR12	10/4/2019 22:21	29.87	76.0	5.44	5.3
SR12	10/4/2019 4:26	29.92	69.5	5.06	2.0	SR12	10/4/2019 10:26	29.62	73.3	5.33	3.9	SR12	10/4/2019 16:26	29.44	69.7	5.07	5.6	SR12	10/4/2019 22:26	29.90	75.3	5.38	5.5
SR12	10/4/2019 4:31	29.93	70.7	5.10	2.5	SR12	10/4/2019 10:31	29.61	75.7	5.44	5.6	SR12	10/4/2019 16:31	29.42	73.5	5.31	4.9	SR12	10/4/2019 22:31	29.79	74.4	5.32	6.1
SR12	10/4/2019 4:36	29.97	70.0	5.08	2.7	SR12	10/4/2019 10:36	29.61	73.4	5.34	4.1	SR12	10/4/2019 16:36	29.47	69.2	4.99	3.8	SR12	10/4/2019 22:36	30.01	75.5	5.39	5.2
SR12	10/4/2019 4:41	29.97	69.7	5.05	3.6	SR12	10/4/2019 10:41	29.61	74.2	5.38	4.4	SR12	10/4/2019 16:41	29.45	73.0	5.23	4.9	SR12	10/4/2019 22:41	30.02	75.4	5.38	5.0
SR12	10/4/2019 4:46	30.00	70.5	5.10	3.5	SR12	10/4/2019 10:46	29.60	74.6	5.37	4.8	SR12	10/4/2019 16:46	29.45	74.5	5.36	5.1	SR12	10/4/2019 22:46	30.07	76.7	5.46	4.3
SR12	10/4/2019 4:51	29.97	71.7	5.22	3.0	SR12	10/4/2019 10:51	29.59	74.4	5.35	6.2	SR12	10/4/2019 16:51	29.46	75.3	5.39	5.3	SR12	10/4/2019 22:51	30.11	76.5	5.46	4.7
SR12	10/4/2019 4:56	29.93	72.0	5.22	8.4	SR12	10/4/2019 10:56	29.57	75.1	5.43	3.9	SR12	10/4/2019 16:56	29.46	76.9	5.57	5.4	SR12	10/4/2019 22:56	30.04	77.5	5.53	4.2
SR12	10/4/2019 5:01	29.93	72.9	5.29	3.1	SR12	10/4/2019 11:01	29.57	75.1	5.38	4.3	SR12	10/4/2019 17:01	29.49	77.3	5.55	6.0	SR12	10/4/2019 23:01	29.95	74.9	5.35	4.7
SR12	10/4/2019 5:06	29.88	74.8	5.37	4.3	SR12	10/4/2019 11:06	29.55	76.0	5.47	4.7	SR12	10/4/2019 17:06	29.49	77.7	5.59	5.4	SR12	10/4/2019 23:06	30.05	75.0	5.36	4.8
SR12	10/4/2019 5:11	29.88	71.8	5.21	3.0	SR12	10/4/2019 11:11	29.54	75.1	5.41	4.4	SR12	10/4/2019 17:11	29.51	75.8	5.48	7.1	SR12	10/4/2019 23:11	30.07	74.4	5.31	4.4
SR12	10/4/2019 5:16	29.85	72.3	5.26	3.9	SR12	10/4/2019 11:16	29.53	75.1	5.43	4.5	SR12	10/4/2019 17:16	29.50	73.9	5.29	5.8	SR12	10/4/2019 23:16	30.12	75.5	5.38	4.0
SR12	10/4/2019 5:21	29.83	73.1	5.32	4.7	SR12	10/4/2019 11:21	29.51	74.6	5.40	4.6	SR12	10/4/2019 17:21	29.50	74.4	5.33	5.6	SR12	10/4/2019 23:21	30.21	76.3	5.43	4.1
SR12	10/4/2019 5:26	29.84	72.3	5.25	4.1	SR12	10/4/2019 11:26	29.53	73.7	5.35	4.6	SR12	10/4/2019 17:26	29.52	74.6	5.35	5.7	SR12	10/4/2019 23:26	30.23	77.6	5.53	3.6
SR12	10/4/2019 5:31	29.86	73.9	5.30	3.7	SR12	10/4/2019 11:31	29.54	74.4	5.39	4.1	SR12	10/4/2019 17:31	29.51	74.3	5.32	4.6	SR12	10/4/2019 23:31	30.14	77.2	5.52	5.0
SR12	10/4/2019 5:36	29.86	72.6	5.25	3.2	SR12	10/4/2019 11:36	29.53	75.6	5.47	4.2	SR12	10/4/2019 17:36	29.54	74.3	5.32	5.6	SR12	10/4/2019 23:36	30.11	76.5	5.47	4.0
SR12	10/4/2019 5:41	29.91	74.3	5.36	4.2	SR12	10/4/2019 11:41	29.55	73.2	5.30	3.6	SR12	10/4/2019 17:41	29.57	74.9	5.36	6.0	SR12	10/4/2019 23:41	30.19	76.2	5.43	4.8
SR12	10/4/2019 5:46	29.92	71.9	5.23	3.5	SR12	10/4/2019 11:46	29.54	72.8	5.26	6.2	SR12	10/4/2019 17:46	29.59	75.9	5.43	6.2	SR12	10/4/2019 23:46	30.08	76.0	5.42	4.0
SR12	10/4/2019 5:51	29.85	70.8	5.11	3.1	SR12	10/4/2019 11:51	29.53	73.4	5.27	**11.1**	SR12	10/4/2019 17:51	29.59	76.1	5.44	6.6	SR12	10/4/2019 23:51	30.30	77.2	5.50	4.9
SR12	10/4/2019 5:56	29.83	69.7	5.07	3.3	SR12	10/4/2019 11:56	29.53	75.9	5.44	8.9	SR12	10/4/2019 17:56	29.59	76.0	5.43	5.6	SR12	10/4/2019 23:56	30.27	78.2	5.58	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	10/4/2019 0:00	29.50	75.3	5.42	4.1	SR13	10/4/2019 6:00	29.60	69.2	5.03	4.7	SR13	10/4/2019 12:00	29.70	73.0	5.26	5.3	SR13	10/4/2019 18:00	29.95	73.3	5.26	4.9
SR13	10/4/2019 0:05	29.50	75.4	5.44	4.5	SR13	10/4/2019 6:05	29.58	68.9	5.02	4.9	SR13	10/4/2019 12:05	29.68	72.9	5.25	4.6	SR13	10/4/2019 18:05	29.96	74.3	5.33	5.0
SR13	10/4/2019 0:10	29.53	73.8	5.37	4.0	SR13	10/4/2019 6:10	29.59	68.8	5.02	6.0	SR13	10/4/2019 12:10	29.68	73.2	5.25	5.0	SR13	10/4/2019 18:10	29.96	74.0	5.34	6.1
SR13	10/4/2019 0:15	29.56	75.4	5.44	4.4	SR13	10/4/2019 6:15	29.55	70.2	5.10	4.9	SR13	10/4/2019 12:15	29.63	72.5	5.21	5.6	SR13	10/4/2019 18:15	29.98	73.7	5.31	4.3
SR13	10/4/2019 0:20	29.56	74.9	5.42	4.4	SR13	10/4/2019 6:20	29.61	70.2	5.08	10.8	SR13	10/4/2019 12:20	29.73	73.6	5.28	4.3	SR13	10/4/2019 18:20	29.99	73.3	5.29	4.6
SR13	10/4/2019 0:25	29.55	75.1	5.42	4.5	SR13	10/4/2019 6:25	29.59	71.1	5.14	7.6	SR13	10/4/2019 12:25	29.73	73.0	5.24	3.9	SR13	10/4/2019 18:25	29.99	72.2	5.19	5.2
SR13	10/4/2019 0:30	29.51	75.1	5.39	3.9	SR13	10/4/2019 6:30	29.60	72.7	5.25	7.8	SR13	10/4/2019 12:30	29.78	73.2	5.25	4.5	SR13	10/4/2019 18:30	29.97	75.1	5.39	4.8
SR13	10/4/2019 0:35	29.51	75.5	5.45	5.0	SR13	10/4/2019 6:35	29.60	74.9	5.40	6.2	SR13	10/4/2019 12:35	29.81	73.1	5.25	4.3	SR13	10/4/2019 18:35	29.98	75.5	5.43	5.1
SR13	10/4/2019 0:40	29.52	75.7	5.49	4.6	SR13	10/4/2019 6:40	29.58	74.9	5.43	6.6	SR13	10/4/2019 12:40	29.77	74.0	5.30	4.5	SR13	10/4/2019 18:40	30.00	73.2	5.28	4.5
SR13	10/4/2019 0:45	29.51	75.6	5.43	4.1	SR13	10/4/2019 6:45	29.60	76.4	5.50	7.7	SR13	10/4/2019 12:45	29.70	73.3	5.28	5.1	SR13	10/4/2019 18:45	29.98	72.7	5.23	4.9
SR13	10/4/2019 0:50	29.52	75.0	5.39	4.1	SR13	10/4/2019 6:50	29.59	76.3	5.51	5.7	SR13	10/4/2019 12:50	29.73	73.7	5.31	5.2	SR13	10/4/2019 18:50	30.00	72.3	5.20	5.2
SR13	10/4/2019 0:55	29.55	74.7	5.39	4.4	SR13	10/4/2019 6:55	29.60	76.0	5.51	6.5	SR13	10/4/2019 12:55	29.75	73.6	5.30	4.5	SR13	10/4/2019 18:55	29.93	71.9	5.18	4.8
SR13	10/4/2019 1:00	29.51	74.5	5.39	4.2	SR13	10/4/2019 7:00	29.60	74.2	5.34	5.9	SR13	10/4/2019 13:00	29.78	73.4	5.27	4.3	SR13	10/4/2019 19:00	30.01	72.0	5.19	4.7
SR13	10/4/2019 1:05	29.52	74.2	5.38	4.4	SR13	10/4/2019 7:05	29.60	74.3	5.34	8.1	SR13	10/4/2019 13:05	29.83	74.4	5.33	4.3	SR13	10/4/2019 19:05	29.86	69.4	5.01	4.5
SR13	10/4/2019 1:10	29.55	73.7	5.35	3.8	SR13	10/4/2019 7:10	29.60	74.0	5.32	6.2	SR13	10/4/2019 13:10	29.84	74.8	5.36	4.3	SR13	10/4/2019 19:10	29.92	70.8	5.13	4.4
SR13	10/4/2019 1:15	29.54	74.9	5.42	4.6	SR13	10/4/2019 7:15	29.61	74.1	5.32	5.9	SR13	10/4/2019 13:15	29.80	74.2	5.32	4.9	SR13	10/4/2019 19:15	30.00	71.5	5.17	4.0
SR13	10/4/2019 1:20	29.54	74.1	5.36	3.9	SR13	10/4/2019 7:20	29.61	75.7	5.43	7.3	SR13	10/4/2019 13:20	29.77	73.1	5.25	5.8	SR13	10/4/2019 19:20	29.96	71.1	5.14	4.1
SR13	10/4/2019 1:25	29.57	74.1	5.35	4.1	SR13	10/4/2019 7:25	29.62	75.1	5.39	6.7	SR13	10/4/2019 13:25	29.85	74.3	5.32	4.1	SR13	10/4/2019 19:25	30.00	71.5	5.14	4.6
SR13	10/4/2019 1:30	29.56	75.2	5.43	5.1	SR13	10/4/2019 7:30	29.62	75.1	5.41	6.0	SR13	10/4/2019 13:30	29.76	73.1	5.27	4.3	SR13	10/4/2019 19:30	29.97	71.9	5.20	5.1
SR13	10/4/2019 1:35	29.56	74.5	5.35	8.2	SR13	10/4/2019 7:35	29.62	75.4	5.41	6.2	SR13	10/4/2019 13:35	29.88	74.1	5.30	7.2	SR13	10/4/2019 19:35	30.01	73.1	5.26	4.3
SR13	10/4/2019 1:40	29.58	75.9	5.46	3.8	SR13	10/4/2019 7:40	29.62	74.4	5.35	5.7	SR13	10/4/2019 13:40	29.87	74.7	5.37	4.9	SR13	10/4/2019 19:40	30.02	73.4	5.27	4.8
SR13	10/4/2019 1:45	29.59	75.2	5.43	5.7	SR13	10/4/2019 7:45	29.61	74.6	5.38	6.4	SR13	10/4/2019 13:45	29.80	74.2	5.34	5.0	SR13	10/4/2019 19:45	30.04	72.0	5.19	4.5
SR13	10/4/2019 1:50	29.57	75.1	5.44	12.9	SR13	10/4/2019 7:50	29.62	75.2	5.41	6.2	SR13	10/4/2019 13:50	29.78	73.4	5.27	4.9	SR13	10/4/2019 19:50	30.04	73.6	5.30	4.8
SR13	10/4/2019 1:55	29.57	75.0	5.39	5.7	SR13	10/4/2019 7:55	29.63	75.0	5.40	6.6	SR13	10/4/2019 13:55	29.80	73.3	5.27	5.2	SR13	10/4/2019 19:55	30.04	72.8	5.23	4.6
SR13	10/4/2019 2:00	29.57	74.5	5.38	3.8	SR13	10/4/2019 8:00	29.62	75.2	5.41	8.4	SR13	10/4/2019 14:00	29.78	73.4	5.26	5.0	SR13	10/4/2019 20:00	30.03	73.8	5.31	4.9
SR13	10/4/2019 2:05	29.57	72.7	5.26	3.9	SR13	10/4/2019 8:05	29.62	73.8	5.32	10.5	SR13	10/4/2019 14:05	29.80	74.1	5.32	4.5	SR13	10/4/2019 20:05	30.04	73.3	5.27	5.6
SR13	10/4/2019 2:10	29.58	72.9	5.25	4.8	SR13	10/4/2019 8:10	29.64	74.9	5.39	5.7	SR13	10/4/2019 14:10	29.75	73.7	5.29	4.9	SR13	10/4/2019 20:10	30.03	72.2	5.20	5.3
SR13	10/4/2019 2:15	29.57	73.8	5.30	4.1	SR13	10/4/2019 8:15	29.62	74.1	5.34	8.2	SR13	10/4/2019 14:15	29.75	73.2	5.25	4.8	SR13	10/4/2019 20:15	30.02	71.8	5.19	6.0
SR13	10/4/2019 2:20	29.59	73.8	5.31	5.0	SR13	10/4/2019 8:20	29.64	74.6	5.37	5.6	SR13	10/4/2019 14:20	29.72	73.3	5.28	4.3	SR13	10/4/2019 20:20	30.00	70.3	5.10	6.3
SR13	10/4/2019 2:25	29.60	73.4	5.28	4.8	SR13	10/4/2019 8:25	29.65	75.3	5.40	6.2	SR13	10/4/2019 14:25	29.74	73.9	5.32	4.8	SR13	10/4/2019 20:25	29.98	70.3	5.08	6.2
SR13	10/4/2019 2:30	29.57	71.9	5.18	4.0	SR13	10/4/2019 8:30	29.65	75.1	5.38	6.0	SR13	10/4/2019 14:30	29.73	73.7	5.29	4.8	SR13	10/4/2019 20:30	29.98	68.7	4.98	5.8
SR13	10/4/2019 2:35	29.57	72.4	5.23	4.5	SR13	10/4/2019 8:35	29.65	74.6	5.37	6.0	SR13	10/4/2019 14:35	29.75	73.5	5.28	5.3	SR13	10/4/2019 20:35	30.01	70.2	5.09	8.3
SR13	10/4/2019 2:40	29.58	73.5	5.31	5.3	SR13	10/4/2019 8:40	29.65	75.2	5.40	6.4	SR13	10/4/2019 14:40	29.75	74.6	5.35	5.3	SR13	10/4/2019 20:40	30.01	76.4	5.47	5.6
SR13	10/4/2019 2:45	29.56	73.6	5.31	4.4	SR13	10/4/2019 8:45	29.64	75.4	5.41	5.6	SR13	10/4/2019 14:45	29.75	73.4	5.26	5.0	SR13	10/4/2019 20:45	30.00	73.5	5.29	5.7
SR13	10/4/2019 2:50	29.57	72.9	5.29	3.8	SR13	10/4/2019 8:50	29.66	75.5	5.42	5.4	SR13	10/4/2019 14:50	29.73	73.4	5.28	5.9	SR13	10/4/2019 20:50	30.01	74.4	5.36	6.0
SR13	10/4/2019 2:55	29.57	73.7	5.34	4.2	SR13	10/4/2019 8:55	29.67	74.7	5.36	4.8	SR13	10/4/2019 14:55	29.74	73.0	5.25	5.4	SR13	10/4/2019 20:55	30.02	74.4	5.37	5.9
SR13	10/4/2019 3:00	29.59	72.4	5.25	3.9	SR13	10/4/2019 9:00	29.67	75.8	5.45	5.9	SR13	10/4/2019 15:00	29.78	73.5	5.29	4.9	SR13	10/4/2019 21:00	30.01	73.8	5.34	6.0
SR13	10/4/2019 3:05	29.57	72.5	5.24	4.4	SR13	10/4/2019 9:05	29.67	75.7	5.45	4.8	SR13	10/4/2019 15:05	29.80	70.4	5.07	4.4	SR13	10/4/2019 21:05	30.02	73.9	5.32	6.4
SR13	10/4/2019 3:10	29.59	73.1	5.27	4.6	SR13	10/4/2019 9:10	29.67	75.2	5.40	5.2	SR13	10/4/2019 15:10	29.86	73.2	5.24	5.1	SR13	10/4/2019 21:10	30.02	73.9	5.30	6.2
SR13	10/4/2019 3:15	29.59	73.4	5.30	5.1	SR13	10/4/2019 9:15	29.67	75.5	5.43	5.5	SR13	10/4/2019 15:15	29.84	71.6	5.15	4.1	SR13	10/4/2019 21:15	30.01	70.8	5.10	6.3
SR13	10/4/2019 3:20	29.56	72.5	5.24	4.1	SR13	10/4/2019 9:20	29.68	75.3	5.43	5.1	SR13	10/4/2019 15:20	29.86	71.2	5.10	4.8	SR13	10/4/2019 21:20	30.05	74.2	5.32	6.4
SR13	10/4/2019 3:25	29.60	71.9	5.21	6.2	SR13	10/4/2019 9:25	29.67	74.9	5.38	6.0	SR13	10/4/2019 15:25	29.88	71.2	5.13	4.2	SR13	10/4/2019 21:25	30.00	73.3	5.29	6.8
SR13	10/4/2019 3:30	29.54	71.5	5.16	4.0	SR13	10/4/2019 9:30	29.68	75.6	5.42	5.5	SR13	10/4/2019 15:30	29.92	71.1	5.12	4.1	SR13	10/4/2019 21:30	30.05	74.9	5.36	6.0
SR13	10/4/2019 3:35	29.55	69.9	5.10	3.5	SR13	10/4/2019 9:35	29.69	74.9	5.37	5.9	SR13	10/4/2019 15:35	29.94	70.2	5.05	4.4	SR13	10/4/2019 21:35	30.04	72.8	5.25	5.6
SR13	10/4/2019 3:40	29.60	72.1	5.21	10.0	SR13	10/4/2019 9:40	29.69	73.9	5.32	5.1	SR13	10/4/2019 15:40	29.95	70.5	5.07	4.1	SR13	10/4/2019 21:40	30.05	74.1	5.31	6.3
SR13	10/4/2019 3:45	29.58	72.2	5.25	4.0	SR13	10/4/2019 9:45	29.68	75.2	5.40	4.8	SR13	10/4/2019 15:45	29.94	70.7	5.08	4.3	SR13	10/4/2019 21:45	30.04	75.1	5.38	6.1
SR13	10/4/2019 3:50	29.59	71.4	5.20	4.7	SR13	10/4/2019 9:50	29.70	74.8	5.36	4.9	SR13	10/4/2019 15:50	29.92	71.5	5.14	3.9	SR13	10/4/2019 21:50	30.02	74.0	5.34	5.7
SR13	10/4/2019 3:55	29.57	70.1	5.09	4.4	SR13	10/4/2019 9:55	29.68	75.5	5.41	4.6	SR13	10/4/2019 15:55	29.92	71.7	5.15	3.8	SR13	10/4/2019 21:55	30.05	73.9	5.32	6.0
SR13	10/4/2019 4:00	29.60	69.0	5.00	4.4	SR13	10/4/2019 10:00	29.69	74.7	5.36	5.2	SR13	10/4/2019 16:00	29.91	71.1	5.10	4.3	SR13	10/4/2019 22:00	30.04	74.5	5.35	5.6
SR13	10/4/2019 4:05	29.61	71.7	5.20	4.3	SR13	10/4/2019 10:05	29.66	73.3	5.29	5.6	SR13	10/4/2019 16:05	29.91	70.8	5.09	4.9	SR13	10/4/2019 22:05	30.04	74.0	5.31	5.7
SR13	10/4/2019 4:10	29.61	72.0	5.21	4.5	SR13	10/4/2019 10:10	29.66	74.6	5.36	6.3	SR13	10/4/2019 16:10	29.92	72.8	5.23	4.2	SR13	10/4/2019 22:10	29.97	73.7	5.30	5.5
SR13	10/4/2019 4:15	29.64	71.0	5.15	4.2	SR13	10/4/2019 10:15	29.67	73.5	5.30	5.6	SR13	10/4/2019 16:15	29.93	70.9	5.09	3.7	SR13	10/4/2019 22:15	30.07	73.9	5.33	5.6
SR13	10/4/2019 4:20	29.64	70.5	5.11	4.6	SR13	10/4/2019 10:20	29.70	74.3	5.35	5.7	SR13	10/4/2019 16:20	29.93	73.0	5.22	4.7	SR13	10/4/2019 22:20	30.08	74.1	5.30	5.1
SR13	10/4/2019 4:25	29.66	70.8	5.16	4.6	SR13	10/4/2019 10:25	29.63	73.7	5.30	7.0	SR13	10/4/2019 16:25	29.93	74.3	5.32	5.0	SR13	10/4/2019 22:25	30.06	73.4	5.27	5.9
SR13	10/4/2019 4:30	29.65	70.9	5.17	4.7	SR13	10/4/2019 10:30	29.63	73.4	5.27	7.6	SR13	10/4/2019 16:30	29.96	74.1	5.29	4.8	SR13	10/4/2019 22:30	30.06	73.8	5.30	7.0
SR13	10/4/2019 4:35	29.63	71.4	5.18	7.2	SR13	10/4/2019 10:35	29.62	73.7	5.30	7.0	SR13	10/4/2019 16:35	29.93	74.7	5.36	4.4	SR13	10/4/2019 22:35	30.03	73.4	5.28	6.0
SR13	10/4/2019 4:40	29.63	72.2	5.25	5.1	SR13	10/4/2019 10:40	29.63	73.8	5.29	6.8	SR13	10/4/2019 16:40	29.96	73.9	5.29	5.0	SR13	10/4/2019 22:40	29.99	72.5	5.21	5.8
SR13	10/4/2019 4:45	29.60	73.3	5.30	5.5	SR13	10/4/2019 10:45	29.62	73.9	5.31	6.2	SR13	10/4/2019 16:45	29.97	72.7	5.22	5.2	SR13	10/4/2019 22:45	30.05	72.1	5.21	5.3
SR13	10/4/2019 4:50	29.61	71.4	5.17	4.4	SR13	10/4/2019 10:50	29.64	73.7	5.30	6.2	SR13	10/4/2019 16:50	29.97	72.9	5.23	5.8	SR13	10/4/2019 22:50	30.03	71.9	5.20	5.6
SR13	10/4/2019 4:55	29.61	71.6	5.21	5.8	SR13	10/4/2019 10:55	29.63	74.4	5.35	6.7	SR13	10/4/2019 16:55	29.95	73.2	5.23	4.8	SR13	10/4/2019 22:55	30.06	71.9	5.19	5.2
SR13	10/4/2019 5:00	29.61	71.2	5.18	5.1	SR13	10/4/2019 11:00	29.65	74.7	5.37	5.8	SR13	10/4/2019 17:00	29.96	74.7	5.33	5.1	SR13	10/4/2019 23:00	30.11	73.1	5.25	5.5
SR13	10/4/2019 5:05	29.61	71.0	5.17	4.6	SR13	10/4/2019 11:05	29.62	73.3	5.29	6.6	SR13	10/4/2019 17:05	29.96	73.1	5.24	4.6	SR13	10/4/2019 23:05	30.10	72.7	5.22	4.3
SR13	10/4/2019 5:10	29.61	70.2	5.08	4.6	SR13	10/4/2019 11:10	29.64	73.5	5.29	6.3	SR13	10/4/2019 17:10	29.96	73.8	5.28	4.5	SR13	10/4/2019 23:10	30.09	73.0	5.24	5.6
SR13	10/4/2019 5:15	29.61	70.0	5.08	4.7	SR13	10/4/2019 11:15	29.62	73.9	5.32	5.9	SR13	10/4/2019 17:15	29.98	73.3	5.24	4.9	SR13	10/4/2019 23:15	30.06	72.6	5.22	5.7
SR13	10/4/2019 5:20	29.63	69.2	5.05	4.5	SR13	10/4/2019 11:20	29.65	72.9	5.25	5.6	SR13	10/4/2019 17:20	29.98	73.2	5.24	4.8	SR13	10/4/2019 23:20	30.10	72.8	5.25	4.8
SR13	10/4/2019 5:25	29.64	68.4	4.97	4.8	SR13	10/4/2019 11:25	29.62	71.9	5.18	7.5	SR13	10/4/2019 17:25	30.00	73.5	5.26	5.0	SR13	10/4/2019 23:25	30.05	72.1	5.18	5.3
SR13	10/4/2019 5:30	29.61	67.9	4.95	4.4	SR13	10/4/2019 11:30	29.61	72.7	5.22	9.3	SR13	10/4/2019 17:30	30.01	73.7	5.27	5.6	SR13	10/4/2019 23:30	30.13	73.6	5.28	6.2
SR13	10/4/2019 5:35	29.63	67.0	4.90	4.7	SR13	10/4/2019 11:35	29.69	73.7	5.28	7.0	SR13	10/4/2019 17:35	30.00	74.1	5.30	4.5	SR13	10/4/2019 23:35	30.13	73.4	5.27	4.6
SR13	10/4/2019 5:40	29.65	68.3	4.97	4.5	SR13	10/4/2019 11:40	29.65	73.5	5.27	5.5	SR13	10/4/2019 17:40	29.99	71.8	5.15	5.1	SR13	10/4/2019 23:40	30.08	73.7	5.31	5.6
SR13	10/4/2019 5:45	29.63	67.9	4.94	5.0	SR13	10/4/2019 11:45	29.63	73.0	5.27	11.6	SR13	10/4/2019 17:45	30.01	73.9	5.28	5.1	SR13	10/4/2019 23:45	30.07	73.6	5.29	5.4
SR13	10/4/2019 5:50	29.63	68.6	4.99	4.2	SR13	10/4/2019 11:50	29.66	72.7	5.21	6.3	SR13	10/4/2019 17:50	30.00	73.1	5.23	4.5	SR13	10/4/2019 23:50	30.06	73.4	5.25	4.9
SR13	10/4/2019 5:55	29.62	68.0	4.95	4.0	SR13	10/4/2019 11:55	29.63	72.9	5.23	5.2	SR13	10/4/2019 17:55	30.00	72.3	5.18	4.5	SR13	10/4/2019 23:55	30.05	72.1	5.22	4.5

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	10/4/2019 0:17	0.17				SR12	10/4/2019 0:17	0.18			
SR4	10/4/2019 0:37	0.19				SR12	10/4/2019 0:37	0.17			
SR4	10/4/2019 0:57	0.17				SR12	10/4/2019 0:57	0.19			
SR4	10/4/2019 1:17	0.18				SR12	10/4/2019 1:17	0.18			
SR4	10/4/2019 1:37	0.18				SR12	10/4/2019 1:37	0.18			
SR4	10/4/2019 1:57	0.19				SR12	10/4/2019 1:57	0.19			
SR4	10/4/2019 2:17	0.19				SR12	10/4/2019 2:17	0.17			
SR4	10/4/2019 2:37	0.17				SR12	10/4/2019 2:37	0.17			
SR4	10/4/2019 2:57	0.17				SR12	10/4/2019 2:57	0.19			
SR4	10/4/2019 3:17	0.19				SR12	10/4/2019 3:17	0.17			
SR4	10/4/2019 3:37	0.19				SR12	10/4/2019 3:37	0.18			
SR4	10/4/2019 3:57	0.17				SR12	10/4/2019 3:57	0.17			
SR4	10/4/2019 4:17	0.17				SR12	10/4/2019 4:17	0.16			
SR4	10/4/2019 4:37	0.19				SR12	10/4/2019 4:37	0.15			
SR4	10/4/2019 4:57	0.17				SR12	10/4/2019 4:57	0.16			
SR4	10/4/2019 5:17	0.18				SR12	10/4/2019 5:17	0.15			
SR4	10/4/2019 5:37	0.19				SR12	10/4/2019 5:37	0.15			
SR4	10/4/2019 5:57	0.20				SR12	10/4/2019 5:57	0.17			
SR4						SR12					
SR4	10/4/2019 6:37	0.20				SR12	10/4/2019 6:37	0.15			
SR4	10/4/2019 6:57	0.19				SR12	10/4/2019 6:57	0.16			
SR4	10/4/2019 7:17	0.19				SR12	10/4/2019 7:17	0.15			
SR4	10/4/2019 7:37	0.19				SR12	10/4/2019 7:37	0.15			
SR4	10/4/2019 7:57	0.19				SR12	10/4/2019 7:57	0.15			
SR4	10/4/2019 8:17	0.19				SR12	10/4/2019 8:17	0.15			
SR4	10/4/2019 8:37	0.19				SR12	10/4/2019 8:37	0.17			
SR4	10/4/2019 8:57	0.21				SR12	10/4/2019 8:57	0.17			
SR4	10/4/2019 9:17	0.21				SR12	10/4/2019 9:17	0.15			
SR4	10/4/2019 9:37	0.20				SR12	10/4/2019 9:37	0.16			
SR4	10/4/2019 9:57	0.19				SR12	10/4/2019 9:57	0.15			
SR4	10/4/2019 10:17	0.19				SR12	10/4/2019 10:17	0.13			
SR4	10/4/2019 10:37	0.21				SR12	10/4/2019 10:37	0.15			
SR4	10/4/2019 10:57	0.19				SR12	10/4/2019 10:57	0.14			
SR4	10/4/2019 11:17	0.19				SR12	10/4/2019 11:17	0.14			
SR4	10/4/2019 11:37	0.19				SR12	10/4/2019 11:37	0.14			
SR4	10/4/2019 11:57	0.21				SR12	10/4/2019 11:57	0.14			
SR4	10/4/2019 12:17	0.21				SR12	10/4/2019 12:17	0.14			
SR4	10/4/2019 12:37	0.19				SR12	10/4/2019 12:37	0.13			
SR4	10/4/2019 12:57	0.21				SR12	10/4/2019 12:57	0.13			
SR4	10/4/2019 13:17	0.20				SR12	10/4/2019 13:17	0.14			
SR4	10/4/2019 13:37	0.19				SR12	10/4/2019 13:37	0.13			
SR4	10/4/2019 13:57	0.19				SR12	10/4/2019 13:57	0.14			
SR4	10/4/2019 14:17	0.17				SR12	10/4/2019 14:17	0.14			
SR4	10/4/2019 14:37	0.18				SR12	10/4/2019 14:37	0.15			
SR4	10/4/2019 14:57	0.18				SR12	10/4/2019 14:57	0.14			
SR4	10/4/2019 15:17	0.19				SR12	10/4/2019 15:17	0.15			
SR4	10/4/2019 15:37	0.17				SR12	10/4/2019 15:37	0.13			
SR4	10/4/2019 15:57	0.18				SR12	10/4/2019 15:57	0.13			
SR4	10/4/2019 16:17	0.18				SR12	10/4/2019 16:17	0.14			
SR4	10/4/2019 16:37	0.19				SR12	10/4/2019 16:37	0.14			
SR4	10/4/2019 16:57	0.18				SR12	10/4/2019 16:57	0.15			
SR4	10/4/2019 17:17	0.19				SR12	10/4/2019 17:17	0.16			
SR4	10/4/2019 17:37	0.17				SR12	10/4/2019 17:37	0.17			
SR4	10/4/2019 17:57	0.19				SR12	10/4/2019 17:57	0.17			
SR4	10/4/2019 18:17	0.18				SR12	10/4/2019 18:17	0.16			
SR4	10/4/2019 18:37	0.18				SR12	10/4/2019 18:37	0.17			
SR4	10/4/2019 18:57	0.18				SR12	10/4/2019 18:57	0.17			
SR4	10/4/2019 19:17	0.17				SR12	10/4/2019 19:17	0.17			
SR4	10/4/2019 19:37	0.18				SR12	10/4/2019 19:37	0.16			
SR4	10/4/2019 19:57	0.17				SR12	10/4/2019 19:57	0.17			
SR4	10/4/2019 20:17	0.17				SR12	10/4/2019 20:17	0.16			
SR4	10/4/2019 20:37	0.18				SR12	10/4/2019 20:37	0.15			
SR4	10/4/2019 20:57	0.17				SR12	10/4/2019 20:57	0.15			
SR4	10/4/2019 21:17	0.17				SR12	10/4/2019 21:17	0.15			
SR4	10/4/2019 21:37	0.18				SR12	10/4/2019 21:37	0.17			
SR4	10/4/2019 21:57	0.19				SR12	10/4/2019 21:57	0.15			
SR4	10/4/2019 22:17	0.20				SR12	10/4/2019 22:17	0.17			
SR4	10/4/2019 22:37	0.20				SR12	10/4/2019 22:37	0.16			
SR4	10/4/2019 22:57	0.18				SR12	10/4/2019 22:57	0.16			
SR4	10/4/2019 23:17	0.19				SR12	10/4/2019 23:17	0.15			
SR4	10/4/2019 23:37	0.20				SR12	10/4/2019 23:37	0.17			
SR4	10/4/2019 23:57	0.19				SR12	10/4/2019 23:57	0.17			

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	10/5/2019 0:01	29.52	72.0	4.82	3.4	SR4	10/5/2019 6:01	29.46	65.7	4.41	4.1	SR4	10/5/2019 12:01	30.33	73.5	4.77	2.1	SR4	10/5/2019 18:01	30.30	81.2	5.43	0.9
SR4	10/5/2019 0:06	29.53	71.8	4.71	3.7	SR4	10/5/2019 6:06	29.45	63.9	4.19	1.4	SR4	10/5/2019 12:06	29.90	76.3	4.98	4.5	SR4	10/5/2019 18:06	30.30	65.3	4.32	2.2
SR4	10/5/2019 0:11	29.54	72.1	4.81	2.4	SR4	10/5/2019 6:11	29.43	70.5	4.61	2.2	SR4	10/5/2019 12:11	29.85	78.1	5.10	5.0	SR4	10/5/2019 18:11	30.30	77.0	5.16	1.0
SR4	10/5/2019 0:16	29.55	73.2	4.84	2.3	SR4	10/5/2019 6:16	29.43	69.9	4.64	3.7	SR4	10/5/2019 12:16	29.71	78.5	5.13	6.7	SR4	10/5/2019 18:16	30.29	78.3	5.26	1.1
SR4	10/5/2019 0:21	29.55	75.0	4.94	2.7	SR4	10/5/2019 6:21	29.46	70.1	4.63	2.7	SR4	10/5/2019 12:21	29.66	79.4	5.19	5.8	SR4	10/5/2019 18:21	30.15	81.1	5.32	2.0
SR4	10/5/2019 0:26	29.52	78.6	5.15	7.2	SR4	10/5/2019 6:26	29.47	74.8	4.88	3.1	SR4	10/5/2019 12:26	30.07	81.9	5.33	3.2	SR4	10/5/2019 18:26	30.25	74.3	4.92	1.1
SR4	10/5/2019 0:31	29.57	77.6	5.13	4.9	SR4	10/5/2019 6:31	29.48	76.6	5.06	5.1	SR4	10/5/2019 12:31	29.61	78.4	5.13	7.7	SR4	10/5/2019 18:31	30.25	75.7	5.03	1.2
SR4	10/5/2019 0:36	29.56	76.0	5.05	2.8	SR4	10/5/2019 6:36	29.48	73.8	4.90	4.1	SR4	10/5/2019 12:36	29.62	79.7	5.21	4.1	SR4	10/5/2019 18:36	30.15	79.2	5.27	1.3
SR4	10/5/2019 0:41	29.55	78.1	5.10	2.1	SR4	10/5/2019 6:41	29.47	76.3	5.05	4.7	SR4	10/5/2019 12:41	29.62	78.8	5.15	4.5	SR4	10/5/2019 18:41	30.20	79.8	5.29	1.6
SR4	10/5/2019 0:46	29.57	73.9	4.87	1.9	SR4	10/5/2019 6:46	29.48	77.1	5.09	5.6	SR4	10/5/2019 12:46	29.63	79.1	5.17	4.4	SR4	10/5/2019 18:46	30.18	79.9	5.36	1.3
SR4	10/5/2019 0:51	29.54	72.4	4.86	1.7	SR4	10/5/2019 6:51	29.44	63.6	4.22	3.3	SR4	10/5/2019 12:51	29.80	78.9	5.14	3.5	SR4	10/5/2019 18:51	30.15	80.2	5.25	1.6
SR4	10/5/2019 0:56	29.58	75.6	4.95	1.9	SR4	10/5/2019 6:56	29.46	70.0	4.69	4.0	SR4	10/5/2019 12:56	29.70	79.4	5.18	3.3	SR4	10/5/2019 18:56	30.15	76.2	5.03	2.3
SR4	10/5/2019 1:01	29.58	76.1	4.98	2.2	SR4	10/5/2019 7:01	29.45	73.5	4.86	8.3	SR4	10/5/2019 13:01	29.73	80.7	5.26	3.1	SR4	10/5/2019 19:01	30.14	84.2	5.51	1.4
SR4	10/5/2019 1:06	29.46	75.6	5.02	1.8	SR4	10/5/2019 7:06	29.44	79.3	5.27	4.2	SR4	10/5/2019 13:06	29.78	81.1	5.29	3.2	SR4	10/5/2019 19:06	30.18	80.3	5.34	1.0
SR4	10/5/2019 1:11	29.45	75.1	4.96	1.4	SR4	10/5/2019 7:11	29.43	82.6	5.43	4.0	SR4	10/5/2019 13:11	29.81	82.2	5.37	2.6	SR4	10/5/2019 19:11	30.13	80.8	5.30	0.9
SR4	10/5/2019 1:16	29.48	71.9	4.82	1.3	SR4	10/5/2019 7:16	29.44	76.7	5.02	4.8	SR4	10/5/2019 13:16	29.90	82.3	5.36	2.0	SR4	10/5/2019 19:16	30.15	73.8	4.92	0.9
SR4	10/5/2019 1:21	29.54	73.2	4.90	1.6	SR4	10/5/2019 7:21	29.46	76.6	5.01	3.6	SR4	10/5/2019 13:21	29.91	82.0	5.35	1.8	SR4	10/5/2019 19:21	30.12	77.1	5.16	2.1
SR4	10/5/2019 1:26	29.60	73.7	4.90	1.9	SR4	10/5/2019 7:26	29.46	77.2	5.05	3.5	SR4	10/5/2019 13:26	29.93	82.2	5.36	2.3	SR4	10/5/2019 19:26	30.12	79.4	5.30	3.3
SR4	10/5/2019 1:31	29.58	77.7	5.09	3.3	SR4	10/5/2019 7:31	29.46	77.6	5.08	4.0	SR4	10/5/2019 13:31	30.13	83.5	5.42	2.4	SR4	10/5/2019 19:31	30.11	74.2	4.97	1.8
SR4	10/5/2019 1:36	29.59	76.6	5.10	3.0	SR4	10/5/2019 7:36	29.48	78.9	5.17	4.1	SR4	10/5/2019 13:36	30.05	84.1	5.48	1.9	SR4	10/5/2019 19:36	30.15	78.3	5.20	1.0
SR4	10/5/2019 1:41	29.52	72.3	4.75	1.8	SR4	10/5/2019 7:41	29.47	78.6	5.15	4.9	SR4	10/5/2019 13:41	30.07	83.6	5.44	2.2	SR4	10/5/2019 19:41	30.15	79.0	5.30	0.9
SR4	10/5/2019 1:46	29.45	74.5	4.93	2.0	SR4	10/5/2019 7:46	29.49	78.6	5.14	4.7	SR4	10/5/2019 13:46	30.20	82.9	5.39	2.1	SR4	10/5/2019 19:46	30.12	76.2	5.09	1.2
SR4	10/5/2019 1:51	29.38	75.5	5.05	1.4	SR4	10/5/2019 7:51	29.49	80.0	5.24	3.8	SR4	10/5/2019 13:51	30.19	82.7	5.38	2.0	SR4	10/5/2019 19:51	30.10	77.1	5.05	1.3
SR4	10/5/2019 1:56	29.48	77.5	5.08	2.1	SR4	10/5/2019 7:56	29.51	79.1	5.18	3.4	SR4	10/5/2019 13:56	30.22	79.4	5.16	1.3	SR4	10/5/2019 19:56	30.05	80.2	5.29	1.3
SR4	10/5/2019 2:01	29.47	77.3	5.06	2.0	SR4	10/5/2019 8:01	29.52	79.9	5.23	4.1	SR4	10/5/2019 14:01	30.26	82.6	5.37	1.3	SR4	10/5/2019 20:01	30.05	77.4	5.13	0.9
SR4	10/5/2019 2:06	29.51	75.8	4.98	2.9	SR4	10/5/2019 8:06	29.54	80.6	5.28	3.3	SR4	10/5/2019 14:06	30.30	83.4	5.42	1.7	SR4	10/5/2019 20:06	30.08	82.2	5.38	1.1
SR4	10/5/2019 2:11	29.47	74.6	4.91	1.4	SR4	10/5/2019 8:11	29.55	80.5	5.27	4.3	SR4	10/5/2019 14:11	30.26	81.7	5.31	1.4	SR4	10/5/2019 20:11	30.05	80.8	5.34	1.1
SR4	10/5/2019 2:16	29.44	76.2	5.10	2.1	SR4	10/5/2019 8:16	29.55	81.2	5.31	4.0	SR4	10/5/2019 14:16	30.32	80.3	5.22	1.0	SR4	10/5/2019 20:16	29.98	78.2	5.24	1.9
SR4	10/5/2019 2:21	29.44	79.4	5.18	1.8	SR4	10/5/2019 8:21	29.56	81.6	5.34	3.6	SR4	10/5/2019 14:21	30.31	79.7	5.18	1.5	SR4	10/5/2019 20:21	29.98	75.7	4.99	1.2
SR4	10/5/2019 2:26	29.43	77.6	5.15	2.9	SR4	10/5/2019 8:26	29.57	80.2	5.25	3.7	SR4	10/5/2019 14:26	30.26	80.5	5.23	1.2	SR4	10/5/2019 20:26	30.00	78.1	5.12	1.6
SR4	10/5/2019 2:31	29.43	75.0	4.92	1.7	SR4	10/5/2019 8:31	29.57	82.8	5.42	8.8	SR4	10/5/2019 14:31	30.26	81.3	5.28	1.3	SR4	10/5/2019 20:31	30.00	74.6	4.88	1.8
SR4	10/5/2019 2:36	29.47	70.7	4.74	2.0	SR4	10/5/2019 8:36	29.59	84.5	5.53	4.5	SR4	10/5/2019 14:36	30.23	83.0	5.40	2.0	SR4	10/5/2019 20:36	30.00	73.1	4.82	2.1
SR4	10/5/2019 2:41	29.47	76.5	5.14	2.9	SR4	10/5/2019 8:41	29.59	83.2	5.45	3.7	SR4	10/5/2019 14:41	30.33	82.3	5.34	1.3	SR4	10/5/2019 20:41	30.00	73.1	4.83	2.0
SR4	10/5/2019 2:46	29.48	75.8	5.06	2.0	SR4	10/5/2019 8:46	29.58	83.1	5.45	5.3	SR4	10/5/2019 14:46	30.41	81.3	5.27	1.2	SR4	10/5/2019 20:46	29.98	72.0	4.75	1.1
SR4	10/5/2019 2:51	29.47	76.3	5.03	2.0	SR4	10/5/2019 8:51	29.60	82.8	5.42	3.1	SR4	10/5/2019 14:51	30.40	80.7	5.23	1.2	SR4	10/5/2019 20:51	29.95	74.3	4.97	1.5
SR4	10/5/2019 2:56	29.46	73.8	4.95	1.5	SR4	10/5/2019 8:56	29.60	83.7	5.48	3.4	SR4	10/5/2019 14:56	30.38	81.6	5.29	1.2	SR4	10/5/2019 20:56	29.97	70.3	4.61	1.5
SR4	10/5/2019 3:01	29.47	74.6	4.92	1.6	SR4	10/5/2019 9:01	29.64	84.7	5.55	2.7	SR4	10/5/2019 15:01	30.36	80.4	5.22	1.1	SR4	10/5/2019 21:01	29.96	73.9	4.92	1.1
SR4	10/5/2019 3:06	29.47	75.5	5.02	1.5	SR4	10/5/2019 9:06	29.65	85.3	5.58	3.2	SR4	10/5/2019 15:06	30.30	81.6	5.30	1.8	SR4	10/5/2019 21:06	29.93	69.9	4.70	2.5
SR4	10/5/2019 3:11	29.46	73.2	4.84	1.1	SR4	10/5/2019 9:11	29.65	85.6	5.61	3.6	SR4	10/5/2019 15:11	30.27	82.1	5.34	1.6	SR4	10/5/2019 21:11	29.89	72.2	4.81	2.1
SR4	10/5/2019 3:16	29.45	72.5	4.86	1.3	SR4	10/5/2019 9:16	29.65	85.5	5.60	3.1	SR4	10/5/2019 15:16	30.25	82.1	5.34	1.5	SR4	10/5/2019 21:16	29.83	73.2	4.86	2.4
SR4	10/5/2019 3:21	29.43	73.2	4.83	1.3	SR4	10/5/2019 9:21	29.69	86.3	5.65	3.5	SR4	10/5/2019 15:21	30.31	80.8	5.25	1.4	SR4	10/5/2019 21:21	29.98	73.8	4.92	2.1
SR4	10/5/2019 3:26	29.42	71.1	4.69	1.0	SR4	10/5/2019 9:26	29.70	85.4	5.59	2.6	SR4	10/5/2019 15:26	30.29	81.0	5.27	1.1	SR4	10/5/2019 21:26	29.94	68.2	4.47	2.5
SR4	10/5/2019 3:31	29.45	69.2	4.64	1.2	SR4	10/5/2019 9:31	29.70	85.8	5.62	2.9	SR4	10/5/2019 15:31	30.29	81.3	5.29	1.9	SR4	10/5/2019 21:31	29.94	67.0	4.38	1.6
SR4	10/5/2019 3:36	29.43	69.2	4.64	1.0	SR4	10/5/2019 9:36	29.78	86.4	5.65	2.6	SR4	10/5/2019 15:36	30.30	79.9	5.20	1.3	SR4	10/5/2019 21:36	29.97	75.5	5.02	1.4
SR4	10/5/2019 3:41	29.43	69.1	4.60	0.9	SR4	10/5/2019 9:41	29.76	87.9	5.75	2.4	SR4	10/5/2019 15:41	30.37	79.7	5.18	1.5	SR4	10/5/2019 21:41	29.93	69.2	4.53	2.8
SR4	10/5/2019 3:46	29.43	70.8	4.75	1.4	SR4	10/5/2019 9:46	29.78	87.1	5.69	3.2	SR4	10/5/2019 15:46	30.36	78.4	5.10	1.2	SR4	10/5/2019 21:46	29.73	72.5	4.77	1.3
SR4	10/5/2019 3:51	29.44	71.7	4.71	0.9	SR4	10/5/2019 9:51	29.82	86.5	5.65	2.2	SR4	10/5/2019 15:51	30.43	81.6	5.30	1.9	SR4	10/5/2019 21:51	29.68	73.8	4.84	1.0
SR4	10/5/2019 3:56	29.43	73.0	4.79	1.6	SR4	10/5/2019 9:56	29.82	87.1	5.70	2.3	SR4	10/5/2019 15:56	30.26	81.8	5.32	1.4	SR4	10/5/2019 21:56	29.80	73.9	4.90	1.3
SR4	10/5/2019 4:01	29.40	69.7	4.58	1.0	SR4	10/5/2019 10:01	29.81	88.9	5.81	2.4	SR4	10/5/2019 16:01	30.41	80.7	5.24	1.0	SR4	10/5/2019 22:01	29.51	68.5	4.49	1.6
SR4	10/5/2019 4:06	29.40	69.8	4.60	0.9	SR4	10/5/2019 10:06	29.79	88.0	5.76	2.7	SR4	10/5/2019 16:06	30.49	77.9	5.06	1.0	SR4	10/5/2019 22:06	29.55	50.6	3.36	1.0
SR4	10/5/2019 4:11	29.40	68.0	4.53	1.4	SR4	10/5/2019 10:11	29.78	88.2	5.77	2.7	SR4	10/5/2019 16:11	30.49	75.8	4.93	1.3	SR4	10/5/2019 22:11	29.88	64.0	4.28	1.3
SR4	10/5/2019 4:16	29.42	68.4	4.50	1.9	SR4	10/5/2019 10:16	29.85	87.4	5.71	2.3	SR4	10/5/2019 16:16	30.48	76.8	4.99	1.9	SR4	10/5/2019 22:16	30.00	75.1	4.93	1.3
SR4	10/5/2019 4:21	29.45	68.4	4.58	1.5	SR4	10/5/2019 10:21	29.89	81.1	5.30	2.4	SR4	10/5/2019 16:21	30.49	76.2	4.95	1.8	SR4	10/5/2019 22:21	30.09	78.6	5.19	1.7
SR4	10/5/2019 4:26	29.45	68.7	4.49	1.4	SR4	10/5/2019 10:26	29.84	81.3	5.31	2.4	SR4	10/5/2019 16:26	30.47	78.1	5.07	0.9	SR4	10/5/2019 22:26	30.02	74.5	4.87	1.3
SR4	10/5/2019 4:31	29.46	70.0	4.58	1.4	SR4	10/5/2019 10:31	29.84	77.3	5.06	2.9	SR4	10/5/2019 16:31	30.40	79.1	5.13	1.2	SR4	10/5/2019 22:31	29.87	70.2	4.68	1.8
SR4	10/5/2019 4:36	29.45	68.3	4.47	1.0	SR4	10/5/2019 10:36	29.92	74.6	4.88	2.5	SR4	10/5/2019 16:36	30.37	80.7	5.24	1.7	SR4	10/5/2019 22:36	29.91	73.1	4.84	2.5
SR4	10/5/2019 4:41	29.46	64.3	4.22	2.3	SR4	10/5/2019 10:41	29.90	73.3	4.79	2.6	SR4	10/5/2019 16:41	30.37	78.9	5.12	1.2	SR4	10/5/2019 22:41	29.89	72.2	4.74	2.0
SR4	10/5/2019 4:46	29.43	69.4	4.53	1.2	SR4	10/5/2019 10:46	29.73	75.2	4.92	6.3	SR4	10/5/2019 16:46	30.39	77.7	5.04	1.6	SR4	10/5/2019 22:46	29.95	75.3	4.92	1.6
SR4	10/5/2019 4:51	29.41	65.4	4.30	0.9	SR4	10/5/2019 10:51	29.87	73.7	4.82	4.3	SR4	10/5/2019 16:51	30.41	71.5	4.64	1.4	SR4	10/5/2019 22:51	29.96	73.8	4.84	1.6
SR4	10/5/2019 4:56	29.42	65.4	4.27	2.1	SR4	10/5/2019 10:56	29.88	74.8	4.89	2.5	SR4	10/5/2019 16:56	30.38	78.5	5.10	1.6	SR4	10/5/2019 22:56	29.81	75.1	4.91	2.4
SR4	10/5/2019 5:01	29.41	65.1	4.30	3.0	SR4	10/5/2019 11:01	29.94	73.4	4.79	3.1	SR4	10/5/2019 17:01	30.34	78.5	5.10	1.6	SR4	10/5/2019 23:01	29.78	78.9	5.21	2.4
SR4	10/5/2019 5:06	29.43	63.2	4.21	0.9	SR4	10/5/2019 11:06	29.90	74.1	4.84	3.8	SR4	10/5/2019 17:06	30.33	78.9	5.13	1.2	SR4	10/5/2019 23:06	29.78	79.3	5.30	2.9
SR4	10/5/2019 5:11	29.47	65.2	4.30	0.9	SR4	10/5/2019 11:11	29.92	73.1	4.78	3.2	SR4	10/5/2019 17:11	30.40	75.1	4.88	1.8	SR4	10/5/2019 23:11	29.76	80.8	5.31	2.3
SR4	10/5/2019 5:16	29.43	64.3	4.29	0.9	SR4	10/5/2019 11:16	29.82	73.8	4.83	6.3	SR4	10/5/2019 17:16	30.34	78.0	5.07	1.3	SR4	10/5/2019 23:16	29.76	77.2	5.16	1.8
SR4	10/5/2019 5:21	29.41	66.7	4.39	1.7	SR4	10/5/2019 11:21	29.83	75.4	4.93	6.6	SR4	10/5/2019 17:21	30.31	66.3	4.36	1.5	SR4	10/5/2019 23:21	29.75	78.7	5.15	3.0
SR4	10/5/2019 5:26	29.41	65.2	4.26	2.6	SR4	10/5/2019 11:26	30.25	75.1	4.88	2.5	SR4	10/5/2019 17:26	30.28	85.6	5.61	1.4	SR4	10/5/2019 23:26	29.64	73.7	4.95	3.2
SR4	10/5/2019 5:31	29.39	66.2	4.41	1.2	SR4	10/5/2019 11:31	29.78	76.4	5.00	7.1	SR4	10/5/2019 17:31	30.32	84.3	5.53	1.1	SR4	10/5/2019 23:31	29.55	72.3	4.80	2.3
SR4	10/5/2019 5:36	29.43	65.6	4.35	1.1	SR4	10/5/2019 11:36	30.26	75.2	4.88	2.3	SR4	10/5/2019 17:36	30.29	84.8	5.60	1.5	SR4	10/5/2019 23:36	29.53	80.3	5.30	2.2
SR4	10/5/2019 5:41	29.45	65.1	4.25	1.2	SR4	10/5/2019 11:41	29.95	76.4	4.98	4.2	SR4	10/5/2019 17:41	30.31	82.2	5.39	1.3	SR4	10/5/2019 23:41	29.59	79.3	5.31	2.4
SR4	10/5/2019 5:46	29.43	61.2	4.05	0.9	SR4	10/5/2019 11:46	29.74	81.0	5.29	4.6	SR4	10/5/2019 17:46	30.33	78.6	5.28	1.1	SR4	10/5/2019 23:46	29.58	79.8	5.27	2.2
SR4	10/5/2019 5:51	29.42	67.0	4.44	6.2	SR4	10/5/2019 11:51	30.14	75.0	4.88	3.2	SR4	10/5/2019 17:51	30.28	83.2	5.53	1.2	SR4	10/5/2019 23:51	29.55	80.4	5.25	2.1
SR4	10/5/2019 5:56	29.45	67.1	4.40	1.9	SR4	10/5/2019 11:56	30.10	75.1	4.88	2.8	SR4	10/5/2019 17:56	30.31	82.8	5.46	1.0	SR4	10/5/2019 23:56	29.57	78.7	5.28	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)
SR5	10/5/2019 0:00	29.65	77.8	5.27	7.2	SR5	10/5/2019 6:00	29.57	84.6	5.45	5.6	SR5	10/5/2019 12:00	29.89	81.7	5.25	5.8	SR5	10/5/2019 18:00	29.87	81.9	5.49	11.1
SR5	10/5/2019 0:05	29.65	78.4	5.32	6.2	SR5	10/5/2019 6:05	29.52	84.8	5.47	6.4	SR5	10/5/2019 12:05	29.89	82.2	5.28	6.0	SR5	10/5/2019 18:05	29.91	81.3	5.45	5.4
SR5	10/5/2019 0:10	29.64	78.3	5.32	5.3	SR5	10/5/2019 6:10	29.53	84.6	5.46	7.4	SR5	10/5/2019 12:10	29.89	83.2	5.34	6.5	SR5	10/5/2019 18:10	29.95	82.2	5.50	5.4
SR5	10/5/2019 0:15	29.64	77.1	5.23	5.2	SR5	10/5/2019 6:15	29.51	84.7	5.47	4.7	SR5	10/5/2019 12:15	29.91	82.8	5.32	4.9	SR5	10/5/2019 18:15	29.95	82.9	5.56	4.4
SR5	10/5/2019 0:20	29.64	77.4	5.25	6.7	SR5	10/5/2019 6:20	29.46	84.6	5.47	6.5	SR5	10/5/2019 12:20	29.87	82.2	5.28	5.5	SR5	10/5/2019 18:20	29.91	83.2	5.58	5.1
SR5	10/5/2019 0:25	29.63	77.4	5.25	6.7	SR5	10/5/2019 6:25	29.50	84.5	5.46	7.4	SR5	10/5/2019 12:25	29.83	81.6	5.24	5.9	SR5	10/5/2019 18:25	29.89	82.7	5.55	4.6
SR5	10/5/2019 0:30	29.61	77.5	5.23	5.4	SR5	10/5/2019 6:30	29.51	85.4	5.52	5.3	SR5	10/5/2019 12:30	29.85	83.5	5.52	5.9	SR5	10/5/2019 18:30	29.87	82.3	5.53	4.9
SR5	10/5/2019 0:35	29.61	76.0	5.15	7.2	SR5	10/5/2019 6:35	29.51	85.0	5.49	5.6	SR5	10/5/2019 12:35	29.83	82.5	5.47	5.7	SR5	10/5/2019 18:35	29.85	81.2	5.45	5.1
SR5	10/5/2019 0:40	29.59	76.8	5.17	5.7	SR5	10/5/2019 6:40	29.54	85.1	5.50	7.4	SR5	10/5/2019 12:40	29.72	81.3	5.39	6.1	SR5	10/5/2019 18:40	29.84	80.6	5.40	3.9
SR5	10/5/2019 0:45	29.58	79.7	5.29	5.8	SR5	10/5/2019 6:45	29.55	84.5	5.45	6.9	SR5	10/5/2019 12:45	29.80	82.8	5.49	6.6	SR5	10/5/2019 18:45	29.89	78.9	5.30	4.4
SR5	10/5/2019 0:50	29.58	79.9	5.30	7.0	SR5	10/5/2019 6:50	29.50	84.4	5.46	6.1	SR5	10/5/2019 12:50	29.70	80.3	5.32	5.5	SR5	10/5/2019 18:50	29.84	80.0	5.36	4.6
SR5	10/5/2019 0:55	29.57	80.2	5.33	6.0	SR5	10/5/2019 6:55	29.51	84.1	5.44	6.7	SR5	10/5/2019 12:55	29.67	81.1	5.38	4.3	SR5	10/5/2019 18:55	29.82	80.3	5.37	5.2
SR5	10/5/2019 1:00	29.59	80.3	5.33	7.4	SR5	10/5/2019 7:00	29.50	83.6	5.40	5.0	SR5	10/5/2019 13:00	29.68	81.5	5.41	5.3	SR5	10/5/2019 19:00	29.79	81.3	5.44	5.7
SR5	10/5/2019 1:05	29.52	80.1	5.30	7.2	SR5	10/5/2019 7:05	29.57	83.7	5.40	5.6	SR5	10/5/2019 13:05	29.67	80.9	5.36	4.8	SR5	10/5/2019 19:05	29.82	81.1	5.42	5.5
SR5	10/5/2019 1:10	29.51	80.3	5.32	6.0	SR5	10/5/2019 7:10	29.57	83.0	5.35	4.7	SR5	10/5/2019 13:10	29.69	80.6	5.34	4.6	SR5	10/5/2019 19:10	29.82	80.4	5.39	5.7
SR5	10/5/2019 1:15	29.53	79.8	5.28	6.2	SR5	10/5/2019 7:15	29.49	83.7	5.42	6.7	SR5	10/5/2019 13:15	29.67	80.7	5.35	4.6	SR5	10/5/2019 19:15	29.82	82.8	5.54	5.9
SR5	10/5/2019 1:20	29.52	79.2	5.25	7.1	SR5	10/5/2019 7:20	29.53	83.7	5.41	6.1	SR5	10/5/2019 13:20	29.68	80.1	5.31	5.2	SR5	10/5/2019 19:20	29.82	82.6	5.53	3.6
SR5	10/5/2019 1:25	29.68	82.3	5.45	4.9	SR5	10/5/2019 7:25	29.56	83.5	5.40	6.0	SR5	10/5/2019 13:25	29.67	80.6	5.35	4.5	SR5	10/5/2019 19:25	29.89	82.6	5.53	5.4
SR5	10/5/2019 1:30	29.68	82.7	5.47	5.4	SR5	10/5/2019 7:30	29.58	83.3	5.38	5.1	SR5	10/5/2019 13:30	29.67	80.9	5.37	5.9	SR5	10/5/2019 19:30	29.87	82.2	5.51	4.6
SR5	10/5/2019 1:35	29.67	82.7	5.47	5.5	SR5	10/5/2019 7:35	29.57	83.4	5.38	5.3	SR5	10/5/2019 13:35	29.72	79.8	5.30	4.7	SR5	10/5/2019 19:35	29.87	82.9	5.54	5.7
SR5	10/5/2019 1:40	29.66	83.8	5.53	6.6	SR5	10/5/2019 7:40	29.58	83.2	5.37	6.1	SR5	10/5/2019 13:40	29.67	80.9	5.38	7.0	SR5	10/5/2019 19:40	29.86	83.2	5.56	3.7
SR5	10/5/2019 1:45	29.69	84.5	5.58	6.5	SR5	10/5/2019 7:45	29.55	83.2	5.38	7.0	SR5	10/5/2019 13:45	29.72	79.3	5.29	5.2	SR5	10/5/2019 19:45	29.86	82.5	5.51	5.3
SR5	10/5/2019 1:50	29.69	84.1	5.56	4.7	SR5	10/5/2019 7:50	29.56	83.2	5.37	6.9	SR5	10/5/2019 13:50	29.67	79.6	5.31	5.6	SR5	10/5/2019 19:50	29.86	82.4	5.27	4.3
SR5	10/5/2019 1:55	29.71	83.3	5.50	6.3	SR5	10/5/2019 7:55	29.57	82.9	5.36	7.2	SR5	10/5/2019 13:55	29.67	78.6	5.25	4.6	SR5	10/5/2019 19:55	29.87	83.7	5.35	4.9
SR5	10/5/2019 2:00	29.68	83.1	5.49	6.3	SR5	10/5/2019 8:00	29.58	82.9	5.35	4.4	SR5	10/5/2019 14:00	29.67	78.7	5.26	5.2	SR5	10/5/2019 20:00	29.87	81.0	5.18	5.3
SR5	10/5/2019 2:05	29.68	82.8	5.48	6.0	SR5	10/5/2019 8:05	29.58	81.9	5.29	5.5	SR5	10/5/2019 14:05	29.70	78.9	5.27	5.4	SR5	10/5/2019 20:05	29.87	83.9	5.36	6.2
SR5	10/5/2019 2:10	29.68	82.5	5.47	6.0	SR5	10/5/2019 8:10	29.58	81.9	5.29	7.1	SR5	10/5/2019 14:10	29.69	78.5	5.36	3.8	SR5	10/5/2019 20:10	29.87	82.6	5.28	6.5
SR5	10/5/2019 2:15	29.67	81.9	5.43	6.5	SR5	10/5/2019 8:15	29.58	80.0	5.16	5.7	SR5	10/5/2019 14:15	29.71	78.6	5.37	4.9	SR5	10/5/2019 20:15	29.87	82.0	5.24	4.9
SR5	10/5/2019 2:20	29.67	83.0	5.50	6.1	SR5	10/5/2019 8:20	29.58	81.5	5.26	6.3	SR5	10/5/2019 14:20	29.71	77.4	5.31	4.6	SR5	10/5/2019 20:20	29.85	81.3	5.20	4.6
SR5	10/5/2019 2:25	29.66	82.6	5.47	6.4	SR5	10/5/2019 8:25	29.59	82.4	5.32	5.3	SR5	10/5/2019 14:25	29.71	75.9	5.26	4.2	SR5	10/5/2019 20:25	29.83	79.2	**5.07**	5.5
SR5	10/5/2019 2:30	29.66	82.3	5.45	4.7	SR5	10/5/2019 8:30	29.61	82.6	5.33	6.2	SR5	10/5/2019 14:30	29.71	76.1	5.27	5.7	SR5	10/5/2019 20:30	29.83	79.6	**5.10**	5.2
SR5	10/5/2019 2:35	29.66	83.5	5.51	5.8	SR5	10/5/2019 8:35	29.66	83.8	5.41	6.9	SR5	10/5/2019 14:35	29.72	75.9	5.26	5.8	SR5	10/5/2019 20:35	29.85	82.1	5.25	5.4
SR5	10/5/2019 2:40	29.65	83.1	5.48	4.2	SR5	10/5/2019 8:40	29.68	82.6	5.34	6.4	SR5	10/5/2019 14:40	29.71	76.0	5.25	5.1	SR5	10/5/2019 20:40	29.86	84.7	5.42	4.5
SR5	10/5/2019 2:45	29.65	83.0	5.49	5.8	SR5	10/5/2019 8:45	29.71	83.8	5.41	5.9	SR5	10/5/2019 14:45	29.90	76.0	5.25	5.4	SR5	10/5/2019 20:45	29.85	84.0	5.37	4.1
SR5	10/5/2019 2:50	29.63	83.1	5.50	5.2	SR5	10/5/2019 8:50	29.70	84.7	5.47	5.8	SR5	10/5/2019 14:50	29.71	76.1	5.22	4.6	SR5	10/5/2019 20:50	29.85	85.1	5.44	5.3
SR5	10/5/2019 2:55	29.60	82.7	5.48	6.7	SR5	10/5/2019 8:55	29.70	84.2	5.44	5.7	SR5	10/5/2019 14:55	29.71	75.9	5.20	5.1	SR5	10/5/2019 20:55	29.86	84.5	5.41	3.8
SR5	10/5/2019 3:00	29.56	83.8	5.54	5.0	SR5	10/5/2019 9:00	29.70	84.1	5.43	5.3	SR5	10/5/2019 15:00	29.82	76.4	5.24	5.2	SR5	10/5/2019 21:00	29.85	84.9	5.43	5.7
SR5	10/5/2019 3:05	29.56	83.4	5.51	6.4	SR5	10/5/2019 9:05	29.71	84.3	5.44	6.9	SR5	10/5/2019 15:05	29.71	75.9	5.21	4.4	SR5	10/5/2019 21:05	29.84	84.0	5.38	5.0
SR5	10/5/2019 3:10	29.57	84.1	5.56	5.6	SR5	10/5/2019 9:10	29.75	84.1	5.43	7.1	SR5	10/5/2019 15:10	29.71	76.3	5.24	4.7	SR5	10/5/2019 21:10	29.85	83.5	5.35	3.7
SR5	10/5/2019 3:15	29.56	85.0	5.46	5.2	SR5	10/5/2019 9:15	29.73	83.4	5.38	5.7	SR5	10/5/2019 15:15	29.69	77.1	5.28	6.9	SR5	10/5/2019 21:15	29.84	84.0	5.38	3.6
SR5	10/5/2019 3:20	29.67	83.7	5.36	7.6	SR5						SR5	10/5/2019 15:20	29.70	77.7	5.31	6.1	SR5	10/5/2019 21:20	29.85	84.9	5.43	3.9
SR5	10/5/2019 3:25	29.68	83.0	5.31	5.6	SR5						SR5	10/5/2019 15:25	29.72	77.3	5.28	6.1	SR5	10/5/2019 21:25	29.86	84.6	5.41	5.2
SR5	10/5/2019 3:30	29.67	82.3	5.26	5.4	SR5						SR5	10/5/2019 15:30	29.71	78.0	5.33	4.8	SR5	10/5/2019 21:30	29.86	82.7	5.29	4.9
SR5	10/5/2019 3:35	29.67	82.3	5.26	4.4	SR5						SR5	10/5/2019 15:35	29.72	78.5	5.24	5.1	SR5	10/5/2019 21:35	29.82	84.5	5.41	4.3
SR5	10/5/2019 3:40	29.66	82.2	5.26	5.0	SR5	10/5/2019 9:40	29.78	83.9	5.41	6.4	SR5	10/5/2019 15:40	29.68	78.9	5.26	5.7	SR5	10/5/2019 21:40	29.84	83.9	5.37	5.5
SR5	10/5/2019 3:45	29.66	81.7	5.22	5.7	SR5	10/5/2019 9:45	29.77	84.1	5.42	6.1	SR5	10/5/2019 15:45	29.67	78.8	5.25	5.2	SR5	10/5/2019 21:45	29.81	85.6	5.49	6.3
SR5	10/5/2019 3:50	29.66	81.8	5.23	5.7	SR5	10/5/2019 9:50	29.83	84.2	5.43	4.7	SR5	10/5/2019 15:50	29.84	80.1	5.34	4.1	SR5	10/5/2019 21:50	29.78	86.0	5.52	5.6
SR5	10/5/2019 3:55	29.62	82.2	5.26	6.2	SR5	10/5/2019 9:55	29.82	84.4	5.44	5.8	SR5	10/5/2019 15:55	29.75	77.2	**4.92**	4.6	SR5	10/5/2019 21:55	29.81	85.3	5.47	5.2
SR5	10/5/2019 4:00	29.61	82.9	5.31	5.0	SR5	10/5/2019 10:00	29.81	83.5	5.39	5.5	SR5	10/5/2019 16:00	29.68	75.9	**4.83**	4.1	SR5	10/5/2019 22:00	29.79	83.0	5.32	4.8
SR5	10/5/2019 4:05	29.59	82.9	5.31	4.7	SR5	10/5/2019 10:05	29.89	84.9	5.47	4.6	SR5	10/5/2019 16:05	29.70	77.4	**4.93**	4.3	SR5	10/5/2019 22:05	29.81	84.6	5.42	3.3
SR5	10/5/2019 4:10	29.59	83.4	5.35	5.5	SR5	10/5/2019 10:10	29.90	84.4	5.43	6.1	SR5	10/5/2019 16:10	29.90	81.6	5.20	4.4	SR5	10/5/2019 22:10	29.81	84.7	5.43	5.3
SR5	10/5/2019 4:15	29.60	83.6	5.36	5.7	SR5	10/5/2019 10:15	29.93	85.3	5.49	6.6	SR5	10/5/2019 16:15	29.90	83.2	5.31	5.6	SR5	10/5/2019 22:15	29.80	84.6	5.42	4.0
SR5	10/5/2019 4:20	29.59	82.9	5.31	6.5	SR5	10/5/2019 10:20	29.93	83.7	5.39	7.0	SR5	10/5/2019 16:20	29.91	82.7	5.28	3.8	SR5	10/5/2019 22:20	29.82	84.6	5.42	4.4
SR5	10/5/2019 4:25	29.60	84.2	5.40	5.3	SR5	10/5/2019 10:25	29.94	84.2	5.42	6.1	SR5	10/5/2019 16:25	29.88	83.7	5.35	4.3	SR5	10/5/2019 22:25	29.81	84.6	5.42	5.3
SR5	10/5/2019 4:30	29.61	84.8	5.45	4.3	SR5	10/5/2019 10:30	29.96	84.9	5.46	3.9	SR5	10/5/2019 16:30	29.88	83.3	5.32	8.8	SR5	10/5/2019 22:30	29.82	81.9	5.25	4.7
SR5	10/5/2019 4:35	29.62	84.6	5.44	4.7	SR5	10/5/2019 10:35	29.90	82.6	5.31	4.5	SR5	10/5/2019 16:35	29.88	83.2	5.32	4.6	SR5	10/5/2019 22:35	29.82	82.6	5.29	4.6
SR5	10/5/2019 4:40	29.57	85.4	5.49	4.9	SR5	10/5/2019 10:40	29.91	83.9	5.40	4.4	SR5	10/5/2019 16:40	29.88	83.1	5.31	4.8	SR5	10/5/2019 22:40	29.82	82.6	5.29	5.4
SR5	10/5/2019 4:45	29.58	85.5	5.51	5.5	SR5	10/5/2019 10:45	29.93	82.9	5.34	5.5	SR5	10/5/2019 16:45	29.87	81.7	5.22	6.0	SR5	10/5/2019 22:45	29.82	83.8	5.37	3.8
SR5	10/5/2019 4:50	29.59	85.4	5.49	5.0	SR5	10/5/2019 10:50	29.91	83.4	5.37	5.7	SR5	10/5/2019 16:50	29.87	81.2	5.19	5.7	SR5	10/5/2019 22:50	29.83	84.5	5.41	4.3
SR5	10/5/2019 4:55	29.61	85.5	5.50	4.9	SR5	10/5/2019 10:55	29.90	83.8	5.40	4.1	SR5	10/5/2019 16:55	29.87	81.3	5.19	5.1	SR5	10/5/2019 22:55	29.72	84.2	5.41	5.5
SR5	10/5/2019 5:00	29.57	85.1	5.48	4.4	SR5	10/5/2019 11:00	29.90	83.5	5.38	4.5	SR5	10/5/2019 17:00	29.86	82.9	5.30	5.5	SR5	10/5/2019 23:00	29.79	82.6	5.30	5.9
SR5	10/5/2019 5:05	29.55	85.1	5.48	5.3	SR5	10/5/2019 11:05	29.84	83.6	5.38	6.1	SR5	10/5/2019 17:05	29.89	82.9	5.29	4.4	SR5	10/5/2019 23:05	29.82	83.5	5.35	6.0
SR5	10/5/2019 5:10	29.56	84.9	5.46	4.9	SR5	10/5/2019 11:10	29.85	83.2	5.36	5.3	SR5	10/5/2019 17:10	29.89	82.6	5.28	4.7	SR5	10/5/2019 23:10	29.81	82.7	5.30	5.9
SR5	10/5/2019 5:15	29.57	84.7	5.45	5.8	SR5	10/5/2019 11:15	29.88	82.9	5.34	6.3	SR5	10/5/2019 17:15	29.89	79.8	5.35	6.3	SR5	10/5/2019 23:15	29.80	81.2	5.20	4.9
SR5	10/5/2019 5:20	29.54	85.3	5.50	5.9	SR5	10/5/2019 11:20	29.82	82.9	5.34	6.7	SR5	10/5/2019 17:20	29.90	80.2	5.37	5.5	SR5	10/5/2019 23:20	29.81	82.4	5.28	5.0
SR5	10/5/2019 5:25	29.56	85.2	5.49	5.7	SR5	10/5/2019 11:25	29.81	83.5	5.38	6.3	SR5	10/5/2019 17:25	29.86	80.0	5.36	6.0	SR5	10/5/2019 23:25	29.79	81.8	5.24	4.6
SR5	10/5/2019 5:30	29.46	85.6	5.53	6.3	SR5	10/5/2019 11:30	29.83	83.2	5.35	6.1	SR5	10/5/2019 17:30	29.86	80.0	5.37	3.7	SR5	10/5/2019 23:30	29.79	80.8	5.41	4.2
SR5	10/5/2019 5:35	29.46	85.6	5.53	5.2	SR5	10/5/2019 11:35	29.85	82.0	5.27	6.0	SR5	10/5/2019 17:35	29.86	80.6	5.41	4.7	SR5	10/5/2019 23:35	29.79	79.9	5.35	6.1
SR5	10/5/2019 5:40	29.56	85.7	5.53	4.9	SR5	10/5/2019 11:40	29.85	81.9	5.27	5.8	SR5	10/5/2019 17:40	29.86	80.6	5.42	5.5	SR5	10/5/2019 23:40	29.78	79.6	5.34	6.7
SR5	10/5/2019 5:45	29.52	85.2	5.50	5.6	SR5	10/5/2019 11:45	29.87	79.9	5.14	6.5	SR5	10/5/2019 17:45	29.87	81.5	5.46	5.4	SR5	10/5/2019 23:45	29.78	80.6	5.39	5.1
SR5	10/5/2019 5:50	29.49	85.3	5.51	4.9	SR5	10/5/2019 11:50	29.88	79.7	**5.12**	4.8	SR5	10/5/2019 17:50	29.89	81.2	5.45	4.4	SR5	10/5/2019 23:50	29.77	80.4	5.39	4.6
SR5	10/5/2019 5:55	29.52	84.5	5.45	6.0	SR5	10/5/2019 11:55	29.89	82.2	5.28	6.6	SR5	10/5/2019 17:55	29.88	81.1	5.45	4.3	SR5	10/5/2019 23:55	29.78	80.0	5.35	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	10/5/2019 0:01	30.17	76.4	5.45	4.5	SR12	10/5/2019 6:01	29.94	71.9	5.21	3.3	SR12	10/5/2019 12:01	29.51	77.2	5.60	3.4	SR12	10/5/2019 18:01	29.57	77.8	5.57	4.5
SR12	10/5/2019 0:06	30.14	77.5	5.53	3.9	SR12	10/5/2019 6:06	29.94	73.8	5.33	3.7	SR12	10/5/2019 12:06	29.55	78.1	5.61	3.9	SR12	10/5/2019 18:06	29.58	76.9	5.51	4.2
SR12	10/5/2019 0:11	30.11	76.8	5.47	3.2	SR12	10/5/2019 6:11	29.94	75.8	5.46	3.8	SR12	10/5/2019 12:11	29.52	78.2	5.61	4.7	SR12	10/5/2019 18:11	29.57	77.1	5.52	4.6
SR12	10/5/2019 0:16	30.09	75.7	5.41	4.1	SR12	10/5/2019 6:16	29.99	76.1	5.49	3.1	SR12	10/5/2019 12:16	29.55	76.7	5.52	4.1	SR12	10/5/2019 18:16	29.58	78.4	5.61	4.7
SR12	10/5/2019 0:21	30.12	75.8	5.41	3.9	SR12	10/5/2019 6:21	29.98	76.9	5.53	3.4	SR12	10/5/2019 12:21	29.54	75.2	5.41	3.2	SR12	10/5/2019 18:21	29.59	76.9	5.49	5.1
SR12	10/5/2019 0:26	30.04	77.5	5.54	5.2	SR12	10/5/2019 6:26	29.93	73.1	5.28	3.7	SR12	10/5/2019 12:26	29.54	76.7	5.56	3.2	SR12	10/5/2019 18:26	29.61	77.2	5.51	4.1
SR12	10/5/2019 0:31	30.05	76.1	5.43	4.2	SR12	10/5/2019 6:31	29.86	71.2	5.17	4.4	SR12	10/5/2019 12:31	29.55	78.3	5.60	4.2	SR12	10/5/2019 18:31	29.62	78.6	5.62	4.4
SR12	10/5/2019 0:36	29.99	76.8	5.49	4.1	SR12	10/5/2019 6:36	29.88	69.8	5.08	3.7	SR12	10/5/2019 12:36	29.54	76.3	5.50	3.9	SR12	10/5/2019 18:36	29.63	77.9	5.58	4.6
SR12	10/5/2019 0:41	30.02	77.9	5.56	3.8	SR12	10/5/2019 6:41	29.87	71.0	5.15	4.1	SR12	10/5/2019 12:41	29.51	75.8	5.45	3.4	SR12	10/5/2019 18:41	29.63	78.4	5.60	7.9
SR12	10/5/2019 0:46	30.02	76.9	5.49	3.9	SR12	10/5/2019 6:46	29.85	68.9	5.02	3.4	SR12	10/5/2019 12:46	29.53	72.7	5.28	4.2	SR12	10/5/2019 18:46	29.65	78.5	5.60	4.7
SR12	10/5/2019 0:51	30.04	76.9	5.49	4.9	SR12	10/5/2019 6:51	29.88	70.3	5.13	5.7	SR12	10/5/2019 12:51	29.54	75.5	5.47	4.2	SR12	10/5/2019 18:51	29.65	79.2	5.66	4.2
SR12	10/5/2019 0:56	30.06	77.2	5.51	4.4	SR12	10/5/2019 6:56	29.86	80.2	5.72	4.2	SR12	10/5/2019 12:56	29.54	77.5	5.62	4.0	SR12	10/5/2019 18:56	29.65	77.9	5.56	4.6
SR12	10/5/2019 1:01	30.04	77.3	5.52	4.3	SR12	10/5/2019 7:01	29.84	76.8	5.54	5.3	SR12	10/5/2019 13:01	29.51	76.8	5.53	3.6	SR12	10/5/2019 19:01	29.66	79.4	5.68	4.3
SR12	10/5/2019 1:06	30.01	77.6	5.55	4.1	SR12	10/5/2019 7:06	29.84	77.6	5.61	4.7	SR12	10/5/2019 13:06	29.51	75.8	5.51	2.9	SR12	10/5/2019 19:06	29.66	78.5	5.60	4.5
SR12	10/5/2019 1:11	30.03	77.3	5.53	4.8	SR12	10/5/2019 7:11	29.85	77.6	5.63	5.9	SR12	10/5/2019 13:11	29.51	77.3	5.58	2.9	SR12	10/5/2019 19:11	29.68	79.1	5.64	4.8
SR12	10/5/2019 1:16	30.02	78.2	5.59	4.2	SR12	10/5/2019 7:16	29.83	75.5	5.48	5.4	SR12	10/5/2019 13:16	29.50	76.3	5.52	3.2	SR12	10/5/2019 19:16	29.69	79.7	5.68	4.2
SR12	10/5/2019 1:21	30.06	75.0	5.38	3.9	SR12	10/5/2019 7:21	29.81	78.0	5.64	4.7	SR12	10/5/2019 13:21	29.49	76.4	5.52	3.3	SR12	10/5/2019 19:21	29.69	79.7	5.69	4.4
SR12	10/5/2019 1:26	30.12	79.3	5.65	3.8	SR12	10/5/2019 7:26	29.81	77.0	5.53	5.0	SR12	10/5/2019 13:26	29.49	76.2	5.54	4.1	SR12	10/5/2019 19:26	29.69	80.2	5.72	4.3
SR12	10/5/2019 1:31	30.15	77.9	5.55	3.8	SR12	10/5/2019 7:31	29.78	71.6	5.18	3.9	SR12	10/5/2019 13:31	29.48	74.5	5.37	3.9	SR12	10/5/2019 19:31	29.71	79.8	5.69	4.8
SR12	10/5/2019 1:36	30.21	78.2	5.58	3.7	SR12	10/5/2019 7:36	29.84	78.3	5.61	4.8	SR12	10/5/2019 13:36	29.47	74.8	5.40	3.6	SR12	10/5/2019 19:36	29.72	80.1	5.72	4.2
SR12	10/5/2019 1:41	30.24	76.3	5.44	3.0	SR12	10/5/2019 7:41	29.79	75.5	5.47	5.8	SR12	10/5/2019 13:41	29.48	72.3	5.26	3.1	SR12	10/5/2019 19:41	29.73	80.3	5.73	3.6
SR12	10/5/2019 1:46	30.28	77.7	5.53	3.5	SR12	10/5/2019 7:46	29.79	77.9	5.58	5.6	SR12	10/5/2019 13:46	29.47	73.4	5.35	3.0	SR12	10/5/2019 19:46	29.77	82.1	5.86	4.5
SR12	10/5/2019 1:51	30.29	75.1	5.36	4.1	SR12	10/5/2019 7:51	29.82	76.5	5.53	4.1	SR12	10/5/2019 13:51	29.48	72.8	5.28	2.6	SR12	10/5/2019 19:51	29.76	81.4	5.80	4.1
SR12	10/5/2019 1:56	30.29	76.0	5.42	3.1	SR12	10/5/2019 7:56	29.80	78.0	5.58	4.9	SR12	10/5/2019 13:56	29.46	75.1	5.47	2.9	SR12	10/5/2019 19:56	29.78	80.5	5.73	3.6
SR12	10/5/2019 2:01	30.29	77.7	5.54	2.7	SR12	10/5/2019 8:01	29.77	79.7	5.71	4.8	SR12	10/5/2019 14:01	29.45	75.0	5.40	3.1	SR12	10/5/2019 20:01	29.80	80.5	5.73	3.0
SR12	10/5/2019 2:06	30.28	78.6	5.60	3.9	SR12	10/5/2019 8:06	29.77	77.7	5.61	5.2	SR12	10/5/2019 14:06	29.45	76.1	5.48	3.1	SR12	10/5/2019 20:06	29.79	80.8	5.76	4.6
SR12	10/5/2019 2:11	30.27	76.5	5.46	3.0	SR12	10/5/2019 8:11	29.75	77.9	5.63	4.3	SR12	10/5/2019 14:11	29.44	74.3	5.37	3.4	SR12	10/5/2019 20:11	29.80	80.6	5.73	4.4
SR12	10/5/2019 2:16	30.24	76.4	5.45	3.5	SR12	10/5/2019 8:16	29.75	77.5	5.57	4.3	SR12	10/5/2019 14:16	29.43	74.1	5.35	3.1	SR12	10/5/2019 20:16	29.80	80.6	5.74	4.0
SR12	10/5/2019 2:21	30.23	76.0	5.43	2.7	SR12	10/5/2019 8:21	29.74	77.6	5.57	4.5	SR12	10/5/2019 14:21	29.42	73.2	5.32	3.2	SR12	10/5/2019 20:21	29.79	82.1	5.85	4.1
SR12	10/5/2019 2:26	30.24	77.7	5.55	3.3	SR12	10/5/2019 8:26	29.70	78.3	5.64	4.6	SR12	10/5/2019 14:26	29.44	72.4	5.23	4.6	SR12	10/5/2019 20:26	29.85	81.8	5.83	4.3
SR12	10/5/2019 2:31	30.23	77.2	5.51	3.4	SR12	10/5/2019 8:31	29.71	77.5	5.62	4.5	SR12	10/5/2019 14:31	29.45	73.8	5.38	4.1	SR12	10/5/2019 20:31	29.88	77.8	5.56	3.5
SR12	10/5/2019 2:36	30.23	78.2	5.58	4.2	SR12	10/5/2019 8:36	29.71	78.2	5.60	4.1	SR12	10/5/2019 14:36	29.44	72.2	5.20	4.0	SR12	10/5/2019 20:36	29.85	78.6	5.61	4.3
SR12	10/5/2019 2:41	30.23	77.7	5.54	3.9	SR12	10/5/2019 8:41	29.66	75.3	5.43	5.4	SR12	10/5/2019 14:41	29.43	73.3	5.28	3.7	SR12	10/5/2019 20:41	29.86	75.6	5.42	4.4
SR12	10/5/2019 2:46	30.27	78.7	5.62	3.2	SR12	10/5/2019 8:46	29.65	75.4	5.42	7.0	SR12	10/5/2019 14:46	29.41	73.1	5.28	3.3	SR12	10/5/2019 20:46	29.90	74.2	5.32	3.6
SR12	10/5/2019 2:51	30.23	78.9	5.64	3.3	SR12	10/5/2019 8:51	29.64	75.7	5.48	4.9	SR12	10/5/2019 14:51	29.41	72.0	5.22	3.8	SR12	10/5/2019 20:51	29.90	74.7	5.37	3.7
SR12	10/5/2019 2:56	30.25	76.8	5.49	3.1	SR12	10/5/2019 8:56	29.64	74.6	5.36	4.7	SR12	10/5/2019 14:56	29.39	73.7	5.31	4.0	SR12	10/5/2019 20:56	29.82	75.0	5.38	6.1
SR12	10/5/2019 3:01	30.25	75.2	5.40	3.6	SR12	10/5/2019 9:01	29.66	74.6	5.41	5.4	SR12	10/5/2019 15:01	29.41	72.6	5.26	3.7	SR12	10/5/2019 21:01	29.91	74.2	5.33	4.1
SR12	10/5/2019 3:06	30.23	76.8	5.50	2.9	SR12	10/5/2019 9:06	29.63	74.1	5.38	5.4	SR12	10/5/2019 15:06	29.41	71.3	5.15	2.9	SR12	10/5/2019 21:06	29.92	75.2	5.39	4.3
SR12	10/5/2019 3:11	30.19	78.7	5.62	3.6	SR12	10/5/2019 9:11	29.64	75.1	5.47	5.8	SR12	10/5/2019 15:11	29.37	71.5	5.19	4.1	SR12	10/5/2019 21:11	29.94	73.9	5.30	4.9
SR12	10/5/2019 3:16	30.20	78.8	5.61	3.1	SR12	10/5/2019 9:16	29.65	74.4	5.36	5.0	SR12	10/5/2019 15:16	29.38	70.8	5.16	3.5	SR12	10/5/2019 21:16	29.93	74.7	5.35	4.9
SR12	10/5/2019 3:21	30.19	76.5	5.47	4.0	SR12	10/5/2019 9:21	29.63	74.2	5.34	4.6	SR12	10/5/2019 15:21	29.40	70.5	5.11	3.4	SR12	10/5/2019 21:21	29.95	74.0	5.31	4.6
SR12	10/5/2019 3:26	30.17	77.5	5.53	3.4	SR12	10/5/2019 9:26	29.65	74.1	5.32	3.5	SR12	10/5/2019 15:26	29.38	70.4	5.13	2.4	SR12	10/5/2019 21:26	29.91	74.5	5.35	5.9
SR12	10/5/2019 3:31	30.18	77.6	5.54	2.3	SR12	10/5/2019 9:31	29.63	73.4	5.27	6.2	SR12	10/5/2019 15:31	29.36	70.8	5.11	4.2	SR12	10/5/2019 21:31	29.93	75.6	5.42	5.7
SR12	10/5/2019 3:36	30.16	77.3	5.53	3.2	SR12	10/5/2019 9:36	29.63	74.6	5.40	4.8	SR12	10/5/2019 15:36	29.36	72.3	5.23	4.7	SR12	10/5/2019 21:36	30.14	75.7	5.42	4.0
SR12	10/5/2019 3:41	30.18	77.2	5.52	3.2	SR12	10/5/2019 9:41	29.63	72.6	5.23	4.8	SR12	10/5/2019 15:41	29.35	71.9	5.23	3.1	SR12	10/5/2019 21:41	29.94	76.0	5.45	6.6
SR12	10/5/2019 3:46	30.17	77.2	5.52	3.6	SR12	10/5/2019 9:46	29.63	75.0	5.39	6.2	SR12	10/5/2019 15:46	29.36	71.3	5.18	3.7	SR12	10/5/2019 21:46	30.17	75.6	5.40	4.2
SR12	10/5/2019 3:51	30.07	77.7	5.55	3.4	SR12	10/5/2019 9:51	29.62	75.1	5.41	4.6	SR12	10/5/2019 15:51	29.37	71.2	5.14	4.0	SR12	10/5/2019 21:51	30.02	77.0	5.52	4.6
SR12	10/5/2019 3:56	30.05	74.0	5.30	3.7	SR12	10/5/2019 9:56	29.62	76.7	5.54	4.5	SR12	10/5/2019 15:56	29.36	69.0	5.02	3.6	SR12	10/5/2019 21:56	29.96	78.6	5.61	4.9
SR12	10/5/2019 4:01	30.03	78.8	5.63	3.5	SR12	10/5/2019 10:01	29.62	75.8	5.47	5.1	SR12	10/5/2019 16:01	29.36	71.0	5.14	5.7	SR12	10/5/2019 22:01	30.22	75.5	5.41	4.1
SR12	10/5/2019 4:06	30.01	76.2	5.45	3.0	SR12	10/5/2019 10:06	29.61	75.6	5.42	5.2	SR12	10/5/2019 16:06	29.37	70.5	5.08	3.7	SR12	10/5/2019 22:06	30.19	75.5	5.40	4.0
SR12	10/5/2019 4:11	29.95	75.1	5.39	3.9	SR12	10/5/2019 10:11	29.63	74.5	5.41	4.0	SR12	10/5/2019 16:11	29.37	72.0	5.26	4.5	SR12	10/5/2019 22:11	30.34	74.3	5.31	3.6
SR12	10/5/2019 4:16	29.92	76.3	5.47	3.0	SR12	10/5/2019 10:16	29.63	75.8	5.47	4.5	SR12	10/5/2019 16:16	29.37	70.3	5.08	4.1	SR12	10/5/2019 22:16	30.13	77.3	5.54	4.5
SR12	10/5/2019 4:21	29.92	77.6	5.57	4.9	SR12	10/5/2019 10:21	29.64	74.2	5.38	4.1	SR12	10/5/2019 16:21	29.36	72.8	5.24	4.7	SR12	10/5/2019 22:21	30.07	77.3	5.54	4.8
SR12	10/5/2019 4:26	29.97	76.7	5.55	3.6	SR12	10/5/2019 10:26	29.65	74.6	5.38	3.7	SR12	10/5/2019 16:26	29.36	73.9	5.36	5.2	SR12	10/5/2019 22:26	29.97	76.7	5.48	6.3
SR12	10/5/2019 4:31	30.00	76.2	5.51	3.7	SR12	10/5/2019 10:31	29.65	76.3	5.49	4.4	SR12	10/5/2019 16:31	29.37	72.5	5.24	4.0	SR12	10/5/2019 22:31	29.95	77.7	5.56	6.3
SR12	10/5/2019 4:36	29.99	75.7	5.50	4.0	SR12	10/5/2019 10:36	29.64	77.7	5.57	5.9	SR12	10/5/2019 16:36	29.37	75.9	5.44	4.7	SR12	10/5/2019 22:36	30.19	78.7	5.61	4.8
SR12	10/5/2019 4:41	29.99	73.3	5.30	4.5	SR12	10/5/2019 10:41	29.65	78.3	5.65	5.7	SR12	10/5/2019 16:41	29.38	76.7	5.53	5.8	SR12	10/5/2019 22:41	29.98	76.9	5.50	6.1
SR12	10/5/2019 4:46	29.96	76.2	5.46	3.7	SR12	10/5/2019 10:46	29.65	76.6	5.54	4.1	SR12	10/5/2019 16:46	29.40	74.6	5.39	4.7	SR12	10/5/2019 22:46	29.98	79.0	5.66	4.4
SR12	10/5/2019 4:51	29.95	78.0	5.63	4.3	SR12	10/5/2019 10:51	29.64	77.6	5.55	4.0	SR12	10/5/2019 16:51	29.39	75.5	5.44	4.8	SR12	10/5/2019 22:51	29.97	77.8	5.57	5.6
SR12	10/5/2019 4:56	30.01	76.0	5.51	3.6	SR12	10/5/2019 10:56	29.65	76.1	5.49	4.4	SR12	10/5/2019 16:56	29.40	76.5	5.51	5.3	SR12	10/5/2019 22:56	30.00	78.7	5.64	5.2
SR12	10/5/2019 5:01	29.98	72.1	5.21	3.7	SR12	10/5/2019 11:01	29.64	74.1	5.38	3.3	SR12	10/5/2019 17:01	29.38	69.6	5.06	3.9	SR12	10/5/2019 23:01	30.15	78.2	5.59	4.3
SR12	10/5/2019 5:06	29.98	72.5	5.24	4.3	SR12	10/5/2019 11:06	29.66	77.2	5.54	4.3	SR12	10/5/2019 17:06	29.38	73.4	5.34	4.8	SR12	10/5/2019 23:06	30.11	78.8	5.64	5.2
SR12	10/5/2019 5:11	29.85	70.2	5.07	3.6	SR12	10/5/2019 11:11	29.66	76.9	5.51	3.9	SR12	10/5/2019 17:11	29.42	74.5	5.37	7.7	SR12	10/5/2019 23:11	30.14	78.1	5.57	3.9
SR12	10/5/2019 5:16	29.96	72.0	5.23	3.5	SR12	10/5/2019 11:16	29.60	75.5	5.45	4.2	SR12	10/5/2019 17:16	29.45	77.4	5.58	5.1	SR12	10/5/2019 23:16	30.16	78.5	5.60	4.4
SR12	10/5/2019 5:21	29.71	67.6	4.91	3.8	SR12	10/5/2019 11:21	29.59	76.6	5.52	4.3	SR12	10/5/2019 17:21	29.46	79.7	5.71	5.2	SR12	10/5/2019 23:21	30.14	78.7	5.61	4.5
SR12	10/5/2019 5:26	29.80	70.5	5.15	3.6	SR12	10/5/2019 11:26	29.60	74.0	5.38	3.3	SR12	10/5/2019 17:26	29.50	75.3	5.39	4.9	SR12	10/5/2019 23:26	30.20	80.4	5.74	3.2
SR12	10/5/2019 5:31	29.93	72.6	5.28	3.6	SR12	10/5/2019 11:31	29.62	74.1	5.37	3.7	SR12	10/5/2019 17:31	29.53	75.3	5.39	4.6	SR12	10/5/2019 23:31	30.21	78.8	5.62	4.3
SR12	10/5/2019 5:36	29.89	71.5	5.21	2.7	SR12	10/5/2019 11:36	29.65	76.4	5.53	3.7	SR12	10/5/2019 17:36	29.52	76.4	5.47	4.7	SR12	10/5/2019 23:36	30.21	78.4	5.59	3.6
SR12	10/5/2019 5:41	29.94	71.0	5.12	3.5	SR12	10/5/2019 11:41	29.64	76.8	5.51	4.7	SR12	10/5/2019 17:41	29.53	76.2	5.46	4.4	SR12	10/5/2019 23:41	30.29	81.3	5.79	4.6
SR12	10/5/2019 5:46	29.88	70.4	5.13	4.6	SR12	10/5/2019 11:46	29.63	77.3	5.59	4.3	SR12	10/5/2019 17:46	29.56	76.6	5.49	4.2	SR12	10/5/2019 23:46	30.24	81.2	5.79	4.0
SR12	10/5/2019 5:51	29.94	74.5	5.39	3.3	SR12	10/5/2019 11:51	29.58	75.7	5.46	3.4	SR12	10/5/2019 17:51	29.56	77.5	5.56	5.5	SR12	10/5/2019 23:51	30.24	80.2	5.72	3.9
SR12	10/5/2019 5:56	29.95	73.9	5.31	3.6	SR12	10/5/2019 11:56	29.53	75.3	5.43	3.7	SR12	10/5/2019 17:56	29.56	78.0	5.59	4.8	SR12	10/5/2019 23:56	30.34	79.7	5.68	4.0

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	10/5/2019 0:00	30.07	72.1	5.18	4.9	SR13	10/5/2019 6:00	29.97	69.5	5.01	4.1	SR13	10/5/2019 12:00	29.89	72.4	5.19	4.0	SR13	10/5/2019 18:00	30.15	70.2	5.06	4.3
SR13	10/5/2019 0:05	30.05	72.9	5.26	4.8	SR13	10/5/2019 6:05	29.94	70.3	5.07	4.1	SR13	10/5/2019 12:05	29.89	73.4	5.28	4.6	SR13	10/5/2019 18:05	30.17	72.7	5.24	3.3
SR13	10/5/2019 0:10	30.05	72.4	5.21	4.5	SR13	10/5/2019 6:10	29.92	69.2	5.02	4.8	SR13	10/5/2019 12:10	29.84	74.3	5.31	5.3	SR13	10/5/2019 18:10	30.17	73.9	5.33	3.8
SR13	10/5/2019 0:15	30.03	73.5	5.29	4.8	SR13	10/5/2019 6:15	29.92	68.7	4.98	4.1	SR13	10/5/2019 12:15	29.82	73.5	5.26	5.2	SR13	10/5/2019 18:15	30.13	75.1	5.38	4.0
SR13	10/5/2019 0:20	30.02	74.8	5.36	6.1	SR13	10/5/2019 6:20	29.92	70.9	5.11	4.9	SR13	10/5/2019 12:20	29.93	74.4	5.32	3.8	SR13	10/5/2019 18:20	30.16	72.7	5.22	5.1
SR13	10/5/2019 0:25	30.05	74.4	5.35	5.3	SR13	10/5/2019 6:25	29.92	70.4	5.09	4.8	SR13	10/5/2019 12:25	29.80	72.2	5.20	6.2	SR13	10/5/2019 18:25	30.17	72.7	5.23	3.6
SR13	10/5/2019 0:30	30.05	73.7	5.31	4.6	SR13	10/5/2019 6:30	29.93	70.2	5.10	5.8	SR13	10/5/2019 12:30	29.82	73.8	5.31	4.8	SR13	10/5/2019 18:30	30.14	74.5	5.36	3.9
SR13	10/5/2019 0:35	30.05	74.4	5.32	5.8	SR13	10/5/2019 6:35	29.92	74.7	5.36	5.1	SR13	10/5/2019 12:35	29.81	72.5	5.27	4.9	SR13	10/5/2019 18:35	30.17	74.6	5.35	3.8
SR13	10/5/2019 0:40	30.04	73.3	5.27	4.7	SR13	10/5/2019 6:40	29.91	73.5	5.29	5.8	SR13	10/5/2019 12:40	29.80	74.5	5.34	4.7	SR13	10/5/2019 18:40	30.15	75.2	5.42	3.6
SR13	10/5/2019 0:45	30.03	72.8	5.27	4.0	SR13	10/5/2019 6:45	29.89	70.0	5.08	5.0	SR13	10/5/2019 12:45	29.86	74.2	5.34	4.0	SR13	10/5/2019 18:45	30.14	74.9	5.36	3.7
SR13	10/5/2019 0:50	30.05	73.8	5.29	4.7	SR13	10/5/2019 6:50	29.91	72.3	5.26	5.3	SR13	10/5/2019 12:50	29.83	74.1	5.31	3.6	SR13	10/5/2019 18:50	30.16	73.9	5.30	4.3
SR13	10/5/2019 0:55	30.04	74.0	5.31	4.7	SR13	10/5/2019 6:55	29.90	71.7	5.19	6.7	SR13	10/5/2019 12:55	29.83	74.1	5.31	4.2	SR13	10/5/2019 18:55	30.17	76.7	5.47	3.5
SR13	10/5/2019 1:00	30.02	72.7	5.25	4.3	SR13	10/5/2019 7:00	29.89	74.6	5.39	4.9	SR13	10/5/2019 13:00	29.85	73.9	5.29	3.9	SR13	10/5/2019 19:00	30.19	74.9	5.38	3.6
SR13	10/5/2019 1:05	30.04	74.1	5.32	4.3	SR13	10/5/2019 7:05	29.88	75.5	5.41	4.6	SR13	10/5/2019 13:05	29.86	74.5	5.35	4.4	SR13	10/5/2019 19:05	30.16	75.4	5.39	3.3
SR13	10/5/2019 1:10	30.06	73.1	5.27	4.2	SR13	10/5/2019 7:10	29.88	71.1	5.11	4.7	SR13	10/5/2019 13:10	29.88	74.2	5.31	3.8	SR13	10/5/2019 19:10	30.17	73.7	5.31	3.8
SR13	10/5/2019 1:15	30.11	73.3	5.29	4.4	SR13	10/5/2019 7:15	29.91	73.8	5.29	4.6	SR13	10/5/2019 13:15	29.89	73.4	5.26	3.8	SR13	10/5/2019 19:15	30.18	73.9	5.32	3.9
SR13	10/5/2019 1:20	30.13	72.7	5.24	3.8	SR13	10/5/2019 7:20	29.88	73.8	5.32	5.0	SR13	10/5/2019 13:20	29.90	72.6	5.22	3.9	SR13	10/5/2019 19:20	30.18	75.4	5.42	4.0
SR13	10/5/2019 1:25	30.15	74.9	5.36	4.4	SR13	10/5/2019 7:25	29.88	73.8	5.28	4.8	SR13	10/5/2019 13:25	29.96	73.3	5.25	3.5	SR13	10/5/2019 19:25	30.20	74.8	5.39	4.1
SR13	10/5/2019 1:30	30.16	73.4	5.29	4.6	SR13	10/5/2019 7:30	29.90	74.1	5.33	4.2	SR13	10/5/2019 13:30	29.93	73.4	5.26	3.7	SR13	10/5/2019 19:30	30.21	75.0	5.38	3.6
SR13	10/5/2019 1:35	30.13	72.6	5.22	4.0	SR13	10/5/2019 7:35	29.88	74.2	5.31	5.0	SR13	10/5/2019 13:35	29.93	74.1	5.31	3.4	SR13	10/5/2019 19:35	30.21	75.3	5.42	3.7
SR13	10/5/2019 1:40	30.11	73.9	5.31	4.0	SR13	10/5/2019 7:40	29.89	75.2	5.39	5.2	SR13	10/5/2019 13:40	29.98	73.8	5.27	3.4	SR13	10/5/2019 19:40	30.21	74.0	5.32	3.2
SR13	10/5/2019 1:45	30.09	74.4	5.36	4.1	SR13	10/5/2019 7:45	29.89	75.1	5.40	5.0	SR13	10/5/2019 13:45	29.97	74.0	5.29	3.9	SR13	10/5/2019 19:45	30.21	75.0	5.37	3.8
SR13	10/5/2019 1:50	30.12	74.1	5.31	4.3	SR13	10/5/2019 7:50	29.88	74.8	5.38	4.8	SR13	10/5/2019 13:50	29.98	73.3	5.26	3.0	SR13	10/5/2019 19:50	30.20	75.9	5.43	3.7
SR13	10/5/2019 1:55	30.10	73.9	5.29	4.2	SR13	10/5/2019 7:55	29.88	74.8	5.36	4.8	SR13	10/5/2019 13:55	29.98	73.3	5.24	3.3	SR13	10/5/2019 19:55	30.20	74.7	5.36	3.5
SR13	10/5/2019 2:00	30.11	73.1	5.24	4.1	SR13	10/5/2019 8:00	29.89	74.8	5.35	4.4	SR13	10/5/2019 14:00	30.00	73.3	5.25	3.4	SR13	10/5/2019 20:00	30.20	76.3	5.44	4.0
SR13	10/5/2019 2:05	30.10	73.9	5.31	3.8	SR13	10/5/2019 8:05	29.87	75.7	5.43	4.8	SR13	10/5/2019 14:05	30.00	72.7	5.21	4.1	SR13	10/5/2019 20:05	30.22	76.6	5.49	3.8
SR13	10/5/2019 2:10	30.09	74.1	5.35	4.3	SR13	10/5/2019 8:10	29.87	74.9	5.38	5.4	SR13	10/5/2019 14:10	30.01	72.6	5.22	3.8	SR13	10/5/2019 20:10	30.21	73.5	5.29	3.7
SR13	10/5/2019 2:15	30.08	75.3	5.39	4.6	SR13	10/5/2019 8:15	29.88	75.3	5.39	4.2	SR13	10/5/2019 14:15	30.02	72.3	5.18	4.0	SR13	10/5/2019 20:15	30.20	73.2	5.25	3.9
SR13	10/5/2019 2:20	30.08	74.9	5.39	4.6	SR13	10/5/2019 8:20	29.87	74.1	5.32	5.1	SR13	10/5/2019 14:20	29.99	73.2	5.24	3.4	SR13	10/5/2019 20:20	30.21	73.1	5.25	3.7
SR13	10/5/2019 2:25	30.10	74.2	5.33	4.0	SR13	10/5/2019 8:25	29.85	74.2	5.31	6.7	SR13	10/5/2019 14:25	30.00	73.0	5.22	3.3	SR13	10/5/2019 20:25	30.23	71.0	5.09	3.9
SR13	10/5/2019 2:30	30.10	72.8	5.27	4.1	SR13	10/5/2019 8:30	29.86	75.5	5.42	5.1	SR13	10/5/2019 14:30	29.98	72.3	5.18	3.5	SR13	10/5/2019 20:30	30.24	70.9	5.10	4.2
SR13	10/5/2019 2:35	30.10	73.9	5.34	4.8	SR13	10/5/2019 8:35	29.85	74.2	5.32	4.8	SR13	10/5/2019 14:35	30.01	73.3	5.24	3.8	SR13	10/5/2019 20:35	30.20	70.9	5.10	4.6
SR13	10/5/2019 2:40	30.10	73.0	5.27	3.8	SR13	10/5/2019 8:40	29.86	75.2	5.41	5.2	SR13	10/5/2019 14:40	30.04	72.9	5.22	3.9	SR13	10/5/2019 20:40	30.23	70.1	5.05	3.8
SR13	10/5/2019 2:45	30.10	73.6	5.29	3.7	SR13	10/5/2019 8:45	29.86	74.5	5.36	4.6	SR13	10/5/2019 14:45	30.04	72.3	5.17	3.0	SR13	10/5/2019 20:45	30.23	71.4	5.15	4.2
SR13	10/5/2019 2:50	30.07	73.6	5.32	4.7	SR13	10/5/2019 8:50	29.85	74.6	5.36	5.3	SR13	10/5/2019 14:50	30.02	72.1	5.17	3.8	SR13	10/5/2019 20:50	30.24	69.8	5.02	4.0
SR13	10/5/2019 2:55	30.08	74.1	5.32	3.6	SR13	10/5/2019 8:55	29.88	74.8	5.36	4.8	SR13	10/5/2019 14:55	30.03	71.3	5.12	3.0	SR13	10/5/2019 20:55	30.23	71.5	5.16	4.1
SR13	10/5/2019 3:00	30.07	73.6	5.30	4.3	SR13	10/5/2019 9:00	29.87	75.6	5.42	4.6	SR13	10/5/2019 15:00	30.02	71.8	5.15	3.7	SR13	10/5/2019 21:00	30.23	69.2	5.01	4.3
SR13	10/5/2019 3:05	30.06	73.3	5.28	4.4	SR13	10/5/2019 9:05	29.88	75.3	5.39	4.1	SR13	10/5/2019 15:05	30.00	71.8	5.15	3.3	SR13	10/5/2019 21:05	30.21	70.9	5.12	5.0
SR13	10/5/2019 3:10	30.06	73.0	5.28	3.7	SR13	10/5/2019 9:10	29.87	75.1	5.37	5.2	SR13	10/5/2019 15:10	29.98	72.2	5.17	3.3	SR13	10/5/2019 21:10	30.19	71.0	5.11	4.7
SR13	10/5/2019 3:15	30.05	73.2	5.27	4.0	SR13	10/5/2019 9:15	29.88	75.4	5.41	4.3	SR13	10/5/2019 15:15	30.00	71.8	5.14	4.0	SR13	10/5/2019 21:15	30.33	71.5	5.16	4.1
SR13	10/5/2019 3:20	30.05	72.6	5.23	4.2	SR13	10/5/2019 9:20	29.89	74.0	5.30	4.4	SR13	10/5/2019 15:20	30.01	72.2	5.19	3.2	SR13	10/5/2019 21:20	30.23	70.5	5.08	5.3
SR13	10/5/2019 3:25	30.06	71.8	5.20	4.1	SR13	10/5/2019 9:25	29.88	75.2	5.38	4.7	SR13	10/5/2019 15:25	30.01	71.6	5.14	3.6	SR13	10/5/2019 21:25	30.32	69.8	5.02	4.1
SR13	10/5/2019 3:30	30.01	72.4	5.24	3.4	SR13	10/5/2019 9:30	29.91	75.0	5.36	4.0	SR13	10/5/2019 15:30	30.02	71.0	5.08	3.6	SR13	10/5/2019 21:30	30.28	73.2	5.28	4.3
SR13	10/5/2019 3:35	30.01	70.6	5.10	3.7	SR13	10/5/2019 9:35	29.91	76.6	5.49	4.2	SR13	10/5/2019 15:35	30.04	70.6	5.07	3.2	SR13	10/5/2019 21:35	30.25	71.3	5.12	4.8
SR13	10/5/2019 3:40	30.00	72.9	5.27	3.8	SR13	10/5/2019 9:40	29.91	75.6	5.40	4.5	SR13	10/5/2019 15:40	30.03	70.8	5.08	4.5	SR13	10/5/2019 21:40	30.28	71.2	5.12	3.9
SR13	10/5/2019 3:45	29.99	72.2	5.19	4.0	SR13	10/5/2019 9:45	29.91	75.7	5.40	4.7	SR13	10/5/2019 15:45	30.05	71.4	5.11	3.8	SR13	10/5/2019 21:45	30.25	71.0	5.09	3.7
SR13	10/5/2019 3:50	29.96	72.3	5.20	4.0	SR13	10/5/2019 9:50	29.91	75.1	5.39	4.1	SR13	10/5/2019 15:50	30.00	72.3	5.21	4.3	SR13	10/5/2019 21:50	30.36	71.7	5.16	3.4
SR13	10/5/2019 3:55	29.94	71.8	5.17	3.4	SR13	10/5/2019 9:55	29.91	76.3	5.45	3.8	SR13	10/5/2019 15:55	30.07	71.1	5.09	3.5	SR13	10/5/2019 21:55	30.18	71.3	5.13	4.4
SR13	10/5/2019 4:00	29.94	72.2	5.21	4.7	SR13	10/5/2019 10:00	29.91	75.7	5.43	4.3	SR13	10/5/2019 16:00	30.07	71.9	5.15	3.7	SR13	10/5/2019 22:00	30.18	65.7	4.78	3.9
SR13	10/5/2019 4:05	29.96	71.2	5.18	4.0	SR13	10/5/2019 10:05	29.92	76.0	5.44	4.3	SR13	10/5/2019 16:05	30.07	70.8	5.09	4.0	SR13	10/5/2019 22:05	30.24	68.7	4.97	4.9
SR13	10/5/2019 4:10	29.98	71.2	5.15	4.1	SR13	10/5/2019 10:10	29.93	76.5	5.47	4.3	SR13	10/5/2019 16:10	30.09	70.7	5.08	3.7	SR13	10/5/2019 22:10	30.26	73.2	5.26	5.0
SR13	10/5/2019 4:15	29.98	70.8	5.16	4.5	SR13	10/5/2019 10:15	29.94	75.0	5.37	4.6	SR13	10/5/2019 16:15	30.08	72.2	5.16	4.5	SR13	10/5/2019 22:15	30.38	74.8	5.36	4.0
SR13	10/5/2019 4:20	29.98	69.8	5.03	4.1	SR13	10/5/2019 10:20	29.93	75.0	5.37	4.6	SR13	10/5/2019 16:20	30.08	72.5	5.19	4.6	SR13	10/5/2019 22:20	30.28	72.9	5.23	4.8
SR13	10/5/2019 4:25	29.98	71.7	5.16	4.3	SR13	10/5/2019 10:25	29.94	73.5	5.29	4.7	SR13	10/5/2019 16:25	30.07	73.1	5.24	4.3	SR13	10/5/2019 22:25	30.24	71.8	5.19	4.2
SR13	10/5/2019 4:30	29.96	71.2	5.13	4.0	SR13	10/5/2019 10:30	29.95	73.3	5.25	4.2	SR13	10/5/2019 16:30	30.07	73.0	5.22	4.5	SR13	10/5/2019 22:30	30.25	72.3	5.21	4.9
SR13	10/5/2019 4:35	30.00	69.1	5.00	4.5	SR13	10/5/2019 10:35	29.95	72.4	5.21	4.0	SR13	10/5/2019 16:35	30.06	72.8	5.21	4.3	SR13	10/5/2019 22:35	30.25	72.6	5.22	4.5
SR13	10/5/2019 4:40	29.96	69.4	5.00	4.5	SR13	10/5/2019 10:40	29.90	72.0	5.19	4.7	SR13	10/5/2019 16:40	30.06	69.8	5.01	3.7	SR13	10/5/2019 22:40	30.33	73.2	5.24	4.1
SR13	10/5/2019 4:45	29.97	68.8	4.98	4.3	SR13	10/5/2019 10:45	29.94	72.6	5.21	4.7	SR13	10/5/2019 16:45	30.07	69.9	5.04	4.1	SR13	10/5/2019 22:45	30.32	73.2	5.25	4.6
SR13	10/5/2019 4:50	29.90	67.5	4.87	4.0	SR13	10/5/2019 10:50	29.94	72.2	5.17	4.4	SR13	10/5/2019 16:50	30.09	70.8	5.14	5.2	SR13	10/5/2019 22:50	30.28	72.7	5.20	4.3
SR13	10/5/2019 4:55	29.95	68.8	5.00	4.8	SR13	10/5/2019 10:55	29.93	71.8	5.16	4.3	SR13	10/5/2019 16:55	30.08	73.9	5.29	4.4	SR13	10/5/2019 22:55	30.28	74.6	5.35	4.5
SR13	10/5/2019 5:00	29.85	66.0	4.81	3.7	SR13	10/5/2019 11:00	29.93	71.7	5.15	4.8	SR13	10/5/2019 17:00	30.09	74.7	5.34	4.3	SR13	10/5/2019 23:00	30.27	72.4	5.24	4.4
SR13	10/5/2019 5:05	29.91	67.9	4.94	4.2	SR13	10/5/2019 11:05	29.92	70.9	5.12	3.8	SR13	10/5/2019 17:05	30.13	71.8	5.14	4.0	SR13	10/5/2019 23:05	30.29	76.0	5.44	3.9
SR13	10/5/2019 5:10	29.94	68.3	4.97	4.2	SR13	10/5/2019 11:10	29.91	71.6	5.16	4.9	SR13	10/5/2019 17:10	30.13	73.4	5.25	4.1	SR13	10/5/2019 23:10	30.29	73.6	5.30	3.9
SR13	10/5/2019 5:15	29.92	68.3	4.96	3.8	SR13	10/5/2019 11:15	29.92	72.4	5.21	5.3	SR13	10/5/2019 17:15	30.11	69.8	5.03	4.2	SR13	10/5/2019 23:15	30.29	74.1	5.30	4.0
SR13	10/5/2019 5:20	29.94	68.5	4.94	4.2	SR13	10/5/2019 11:20	30.05	73.0	5.23	4.9	SR13	10/5/2019 17:20	30.12	75.3	5.38	3.7	SR13	10/5/2019 23:20	30.29	74.1	5.34	4.3
SR13	10/5/2019 5:25	29.92	67.9	4.94	3.9	SR13	10/5/2019 11:25	29.89	73.2	5.27	5.1	SR13	10/5/2019 17:25	30.14	75.3	5.39	3.7	SR13	10/5/2019 23:25	30.25	73.2	5.26	4.1
SR13	10/5/2019 5:30	29.95	69.3	5.02	3.4	SR13	10/5/2019 11:30	30.02	72.2	5.18	3.9	SR13	10/5/2019 17:30	30.12	75.7	5.43	4.5	SR13	10/5/2019 23:30	30.23	75.7	5.43	3.8
SR13	10/5/2019 5:35	29.96	68.9	4.97	3.6	SR13	10/5/2019 11:35	29.91	72.8	5.23	4.4	SR13	10/5/2019 17:35	30.14	74.6	5.34	4.3	SR13	10/5/2019 23:35	30.30	74.9	5.39	4.1
SR13	10/5/2019 5:40	29.95	67.0	4.87	4.0	SR13	10/5/2019 11:40	29.83	74.1	5.32	4.2	SR13	10/5/2019 17:40	30.15	73.8	5.32	3.6	SR13	10/5/2019 23:40	30.29	75.3	5.40	4.2
SR13	10/5/2019 5:45	29.95	69.3	5.02	5.3	SR13	10/5/2019 11:45	29.97	72.7	5.21	4.1	SR13	10/5/2019 17:45	30.14	74.7	5.37	4.0	SR13	10/5/2019 23:45	30.29	74.2	5.30	4.0
SR13	10/5/2019 5:50	29.95	70.8	5.11	4.6	SR13	10/5/2019 11:50	29.95	73.1	5.23	4.4	SR13	10/5/2019 17:50	30.14	75.2	5.39	3.9	SR13	10/5/2019 23:50	30.23	75.2	5.42	4.6
SR13	10/5/2019 5:55	29.97	70.3	5.11	4.4	SR13	10/5/2019 11:55	30.03	72.8	5.22	3.8	SR13	10/5/2019 17:55	30.14	74.9	5.39	4.0	SR13	10/5/2019 23:55	30.17	74.4	5.35	4.3

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	10/5/2019 0:17	0.18				SR12	10/5/2019 0:17	0.16			
SR4	10/5/2019 0:37	0.19				SR12	10/5/2019 0:37	0.17			
SR4	10/5/2019 0:57	0.18				SR12	10/5/2019 0:57	0.16			
SR4	10/5/2019 1:17	0.18				SR12	10/5/2019 1:17	0.17			
SR4	10/5/2019 1:37	0.18				SR12	10/5/2019 1:37	0.17			
SR4	10/5/2019 1:57	0.18				SR12	10/5/2019 1:57	0.18			
SR4	10/5/2019 2:17	0.18				SR12	10/5/2019 2:17	0.17			
SR4	10/5/2019 2:37	0.20				SR12	10/5/2019 2:37	0.19			
SR4	10/5/2019 2:57	0.18				SR12	10/5/2019 2:57	0.19			
SR4	10/5/2019 3:17	0.20				SR12	10/5/2019 3:17	0.19			
SR4	10/5/2019 3:37	0.20				SR12	10/5/2019 3:37	0.17			
SR4	10/5/2019 3:57	0.20				SR12	10/5/2019 3:57	0.17			
SR4	10/5/2019 4:17	0.20				SR12	10/5/2019 4:17	0.19			
SR4	10/5/2019 4:37	0.19				SR12	10/5/2019 4:37	0.18			
SR4	10/5/2019 4:57	0.20				SR12	10/5/2019 4:57	0.17			
SR4	10/5/2019 5:17	0.19				SR12	10/5/2019 5:17	0.19			
SR4	10/5/2019 5:37	0.21				SR12	10/5/2019 5:37	0.21			
SR4	10/5/2019 5:57	0.21				SR12	10/5/2019 5:57	0.20			
SR4						SR12					
SR4	10/5/2019 6:37	0.19				SR12	10/5/2019 6:37	0.19			
SR4	10/5/2019 6:57	0.19				SR12	10/5/2019 6:57	0.22			
SR4	10/5/2019 7:17	0.21				SR12	10/5/2019 7:17	0.20			
SR4	10/5/2019 7:37	0.21				SR12	10/5/2019 7:37	0.20			
SR4	10/5/2019 7:57	0.21				SR12	10/5/2019 7:57	0.21			
SR4	10/5/2019 8:17	0.23				SR12	10/5/2019 8:17	0.22			
SR4	10/5/2019 8:37	0.23				SR12	10/5/2019 8:37	0.22			
SR4	10/5/2019 8:57	0.21				SR12	10/5/2019 8:57	0.21			
SR4	10/5/2019 9:17	0.22				SR12	10/5/2019 9:17	0.22			
SR4	10/5/2019 9:37	0.23				SR12	10/5/2019 9:37	0.22			
SR4	10/5/2019 9:57	0.22				SR12	10/5/2019 9:57	0.20			
SR4	10/5/2019 10:17	0.24				SR12	10/5/2019 10:17	0.22			
SR4	10/5/2019 10:37	0.22				SR12	10/5/2019 10:37	0.20			
SR4	10/5/2019 10:57	0.22				SR12	10/5/2019 10:57	0.19			
SR4	10/5/2019 11:17	0.23				SR12	10/5/2019 11:17	0.20			
SR4	10/5/2019 11:37	0.24				SR12	10/5/2019 11:37	0.19			
SR4	10/5/2019 11:57	0.23				SR12	10/5/2019 11:57	0.20			
SR4	10/5/2019 12:17	0.23				SR12	10/5/2019 12:17	0.19			
SR4	10/5/2019 12:37	0.23				SR12	10/5/2019 12:37	0.21			
SR4	10/5/2019 12:57	0.23				SR12	10/5/2019 12:57	0.21			
SR4	10/5/2019 13:17	0.24				SR12	10/5/2019 13:17	0.20			
SR4	10/5/2019 13:37	0.24				SR12	10/5/2019 13:37	0.19			
SR4	10/5/2019 13:57	0.23				SR12	10/5/2019 13:57	0.20			
SR4	10/5/2019 14:17	0.22				SR12	10/5/2019 14:17	0.21			
SR4	10/5/2019 14:37	0.23				SR12	10/5/2019 14:37	0.21			
SR4	10/5/2019 14:57	0.23				SR12	10/5/2019 14:57	0.21			
SR4	10/5/2019 15:17	0.22				SR12	10/5/2019 15:17	0.19			
SR4	10/5/2019 15:37	0.23				SR12	10/5/2019 15:37	0.19			
SR4	10/5/2019 15:57	0.23				SR12	10/5/2019 15:57	0.21			
SR4	10/5/2019 16:17	0.24				SR12	10/5/2019 16:17	0.20			
SR4	10/5/2019 16:37	0.24				SR12	10/5/2019 16:37	0.20			
SR4	10/5/2019 16:57	0.23				SR12	10/5/2019 16:57	0.19			
SR4	10/5/2019 17:17	0.24				SR12	10/5/2019 17:17	0.19			
SR4	10/5/2019 17:37	0.22				SR12	10/5/2019 17:37	0.19			
SR4	10/5/2019 17:57	0.22				SR12	10/5/2019 17:57	0.18			
SR4	10/5/2019 18:17	0.23				SR12	10/5/2019 18:17	0.19			
SR4	10/5/2019 18:37	0.23				SR12	10/5/2019 18:37	0.17			
SR4	10/5/2019 18:57	0.24				SR12	10/5/2019 18:57	0.17			
SR4	10/5/2019 19:17	0.23				SR12	10/5/2019 19:17	0.17			
SR4	10/5/2019 19:37	0.24				SR12	10/5/2019 19:37	0.17			
SR4	10/5/2019 19:57	0.24				SR12	10/5/2019 19:57	0.19			
SR4	10/5/2019 20:17	0.23				SR12	10/5/2019 20:17	0.18			
SR4	10/5/2019 20:37	0.23				SR12	10/5/2019 20:37	0.17			
SR4	10/5/2019 20:57	0.23				SR12	10/5/2019 20:57	0.19			
SR4	10/5/2019 21:17	0.24				SR12	10/5/2019 21:17	0.17			
SR4	10/5/2019 21:37	0.24				SR12	10/5/2019 21:37	0.18			
SR4	10/5/2019 21:57	0.24				SR12	10/5/2019 21:57	0.17			
SR4	10/5/2019 22:17	0.22				SR12	10/5/2019 22:17	0.18			
SR4	10/5/2019 22:37	0.22				SR12	10/5/2019 22:37	0.19			
SR4	10/5/2019 22:57	0.24				SR12	10/5/2019 22:57	0.19			
SR4	10/5/2019 23:17	0.22				SR12	10/5/2019 23:17	0.17			
SR4	10/5/2019 23:37	0.22				SR12	10/5/2019 23:37	0.18			
SR4	10/5/2019 23:57	0.22				SR12	10/5/2019 23:57	0.19			

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 9:15-9:40.

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	10/6/2019 0:01	29.56	77.1	5.15	2.4	SR4	10/6/2019 6:01	29.56	67.8	4.55	1.4	SR4	10/6/2019 12:01	29.46	84.9	5.58	1.6	SR4	10/6/2019 18:01	29.25	85.1	5.58	1.8
SR4	10/6/2019 0:06	29.58	75.5	4.98	2.0	SR4	10/6/2019 6:06	29.55	63.8	4.28	2.4	SR4	10/6/2019 12:06	29.46	85.4	5.62	1.8	SR4	10/6/2019 18:06	29.31	78.8	5.23	1.3
SR4	10/6/2019 0:11	29.54	78.8	5.21	2.0	SR4	10/6/2019 6:11	29.52	67.8	4.52	1.8	SR4	10/6/2019 12:11	29.47	85.4	5.61	1.5	SR4	10/6/2019 18:11	29.30	81.5	5.37	1.3
SR4	10/6/2019 0:16	29.56	77.2	5.09	2.7	SR4	10/6/2019 6:16	29.54	66.3	4.42	2.8	SR4	10/6/2019 12:16	29.48	83.4	5.49	1.3	SR4	10/6/2019 18:16	29.23	85.3	5.63	1.6
SR4	10/6/2019 0:21	29.59	80.2	5.24	2.2	SR4	10/6/2019 6:21	29.56	66.7	4.40	1.0	SR4	10/6/2019 12:21	29.48	87.1	5.73	1.5	SR4	10/6/2019 18:21	29.27	89.0	5.91	2.2
SR4	10/6/2019 0:26	29.61	79.4	5.19	2.8	SR4	10/6/2019 6:26	29.57	67.3	4.52	1.2	SR4	10/6/2019 12:26	29.47	86.3	5.68	1.5	SR4	10/6/2019 18:26	29.27	86.7	5.69	1.1
SR4	10/6/2019 0:31	29.62	80.5	5.35	2.3	SR4	10/6/2019 6:31	29.56	67.4	4.52	1.0	SR4	10/6/2019 12:31	29.49	84.7	5.57	1.5	SR4	10/6/2019 18:31	29.35	78.5	5.26	2.1
SR4	10/6/2019 0:36	29.62	78.6	5.21	1.8	SR4	10/6/2019 6:36	29.57	74.1	4.94	1.2	SR4	10/6/2019 12:36	29.49	87.2	5.73	1.8	SR4	10/6/2019 18:36	29.31	83.2	5.48	1.5
SR4	10/6/2019 0:41	29.61	78.2	5.16	1.9	SR4	10/6/2019 6:41	29.57	69.0	4.63	1.0	SR4	10/6/2019 12:41	29.50	87.4	5.75	1.3	SR4	10/6/2019 18:41	29.28	80.4	5.39	0.9
SR4	10/6/2019 0:46	29.60	81.1	5.34	2.3	SR4	10/6/2019 6:46	29.59	74.7	4.88	1.0	SR4	10/6/2019 12:46	29.51	87.7	5.77	1.4	SR4	10/6/2019 18:46	29.21	85.3	5.63	1.3
SR4	10/6/2019 0:51	29.62	79.6	5.31	1.6	SR4	10/6/2019 6:51	29.57	74.8	4.93	1.9	SR4	10/6/2019 12:51	29.52	88.8	5.84	1.4	SR4	10/6/2019 18:51	29.21	82.1	5.48	1.0
SR4	10/6/2019 0:56	29.63	80.1	5.35	1.5	SR4	10/6/2019 6:56	29.55	63.5	4.20	0.9	SR4	10/6/2019 12:56	29.53	88.2	5.80	1.1	SR4	10/6/2019 18:56	29.20	77.6	5.18	2.5
SR4	10/6/2019 1:01	29.63	76.0	5.04	1.2	SR4	10/6/2019 7:01	29.56	68.4	4.52	2.0	SR4	10/6/2019 13:01	29.51	87.7	5.77	1.2	SR4	10/6/2019 19:01	29.20	79.7	5.27	1.0
SR4	10/6/2019 1:06	29.63	77.5	5.15	1.4	SR4	10/6/2019 7:06	29.54	71.7	4.73	2.3	SR4	10/6/2019 13:06	29.52	86.9	5.71	1.4	SR4	10/6/2019 19:06	29.09	81.2	5.43	1.5
SR4	10/6/2019 1:11	29.62	71.8	4.82	2.4	SR4	10/6/2019 7:11	29.55	70.9	4.76	1.8	SR4	10/6/2019 13:11	29.52	86.7	5.70	1.0	SR4	10/6/2019 19:11	29.10	78.3	5.26	1.0
SR4	10/6/2019 1:16	29.62	75.6	5.04	2.3	SR4	10/6/2019 7:16	29.54	68.3	4.52	1.3	SR4	10/6/2019 13:16	29.50	76.0	5.00	1.6	SR4	10/6/2019 19:16	29.09	79.9	5.27	2.9
SR4	10/6/2019 1:21	29.62	73.7	4.92	1.2	SR4	10/6/2019 7:21	29.56	69.1	4.61	1.7	SR4	10/6/2019 13:21	29.51	76.6	5.04	1.4	SR4	10/6/2019 19:21	29.23	78.7	5.17	1.0
SR4	10/6/2019 1:26	29.66	78.4	5.18	1.1	SR4	10/6/2019 7:26	29.54	72.8	4.88	2.0	SR4	10/6/2019 13:26	29.47	77.9	5.13	1.1	SR4	10/6/2019 19:26	29.30	75.6	5.06	0.9
SR4	10/6/2019 1:31	29.66	78.7	5.20	1.5	SR4	10/6/2019 7:31	29.52	75.6	5.01	2.1	SR4	10/6/2019 13:31	29.51	79.1	5.20	1.0	SR4	10/6/2019 19:31	29.15	76.2	4.98	1.7
SR4	10/6/2019 1:36	29.66	81.0	5.31	1.5	SR4	10/6/2019 7:36	29.51	78.5	5.16	2.8	SR4	10/6/2019 13:36	29.48	79.9	5.25	1.5	SR4	10/6/2019 19:36	29.10	79.3	5.28	1.7
SR4	10/6/2019 1:41	29.65	80.0	5.31	1.3	SR4	10/6/2019 7:41	29.52	79.5	5.21	1.7	SR4	10/6/2019 13:41	29.48	77.2	5.07	0.9	SR4	10/6/2019 19:41	29.18	79.0	5.28	0.9
SR4	10/6/2019 1:46	29.65	77.4	5.15	0.9	SR4	10/6/2019 7:46	29.52	77.8	5.12	1.9	SR4	10/6/2019 13:46	29.46	76.1	5.05	1.0	SR4	10/6/2019 19:46	29.10	76.8	5.10	1.0
SR4	10/6/2019 1:51	29.65	77.3	5.16	1.0	SR4	10/6/2019 7:51	29.52	76.0	4.99	2.3	SR4	10/6/2019 13:51	29.42	74.6	4.93	1.2	SR4	10/6/2019 19:51	29.26	76.9	5.09	0.9
SR4	10/6/2019 1:56	29.66	76.7	5.08	1.0	SR4	10/6/2019 7:56	29.53	76.5	5.10	2.9	SR4	10/6/2019 13:56	29.43	70.2	4.72	1.7	SR4	10/6/2019 19:56	29.11	75.2	5.05	1.7
SR4	10/6/2019 2:01	29.58	74.9	4.94	2.8	SR4	10/6/2019 8:01	29.52	80.3	5.29	2.1	SR4	10/6/2019 14:01	29.46	72.6	4.83	3.5	SR4	10/6/2019 20:01	29.24	75.6	4.97	1.3
SR4	10/6/2019 2:06	29.64	78.2	5.21	1.9	SR4	10/6/2019 8:06	29.52	80.4	5.34	2.2	SR4	10/6/2019 14:06	29.44	75.8	5.07	3.7	SR4	10/6/2019 20:06	29.26	76.6	5.12	1.1
SR4	10/6/2019 2:11	29.63	76.1	5.10	1.5	SR4	10/6/2019 8:11	29.52	78.8	5.29	1.5	SR4	10/6/2019 14:11	29.34	65.5	4.38	1.8	SR4	10/6/2019 20:11	29.32	77.8	5.15	1.0
SR4	10/6/2019 2:16	29.64	75.6	4.95	2.5	SR4	10/6/2019 8:16	29.53	72.3	4.82	2.6	SR4	10/6/2019 14:16	29.37	64.5	4.22	1.3	SR4	10/6/2019 20:16	29.05	75.9	5.09	1.1
SR4	10/6/2019 2:21	29.59	75.3	5.05	1.6	SR4	10/6/2019 8:21	29.55	67.0	4.50	1.1	SR4	10/6/2019 14:21	29.36	64.5	4.21	1.2	SR4	10/6/2019 20:21	29.32	79.6	5.28	0.9
SR4	10/6/2019 2:26	29.64	77.5	5.08	1.6	SR4	10/6/2019 8:26	29.55	70.7	4.72	4.6	SR4	10/6/2019 14:26	29.43	71.7	4.81	2.6	SR4	10/6/2019 20:26	29.35	77.2	5.17	1.0
SR4	10/6/2019 2:31	29.51	78.9	5.28	1.4	SR4	10/6/2019 8:31	29.56	71.0	4.69	1.1	SR4	10/6/2019 14:31	29.38	69.6	4.57	1.5	SR4	10/6/2019 20:31	29.37	79.3	5.30	1.3
SR4	10/6/2019 2:36	29.49	80.7	5.35	1.1	SR4	10/6/2019 8:36	29.58	69.1	4.64	1.2	SR4	10/6/2019 14:36	29.43	74.8	4.92	2.1	SR4	10/6/2019 20:36	29.29	76.0	5.06	3.3
SR4	10/6/2019 2:41	29.49	75.8	5.07	1.1	SR4	10/6/2019 8:41	29.53	77.1	5.12	2.5	SR4	10/6/2019 14:41	29.41	76.2	4.98	2.0	SR4	10/6/2019 20:41	29.32	73.4	4.90	3.1
SR4	10/6/2019 2:46	29.48	75.7	5.03	1.2	SR4	10/6/2019 8:46	29.54	75.9	5.09	2.0	SR4	10/6/2019 14:46	29.42	72.3	4.83	2.5	SR4	10/6/2019 20:46	29.11	72.6	4.75	3.0
SR4	10/6/2019 2:51	29.47	73.0	4.88	0.9	SR4	10/6/2019 8:51	29.49	85.4	5.70	2.3	SR4	10/6/2019 14:51	29.38	77.9	5.09	2.8	SR4	10/6/2019 20:51	29.32	75.0	4.94	0.9
SR4	10/6/2019 2:56	29.41	70.4	4.70	1.0	SR4	10/6/2019 8:56	29.49	83.5	5.58	2.3	SR4	10/6/2019 14:56	29.42	75.0	5.04	2.2	SR4	10/6/2019 20:56	29.38	74.6	4.88	0.9
SR4	10/6/2019 3:01	29.53	76.3	5.10	0.9	SR4	10/6/2019 9:01	29.49	79.9	5.36	2.1	SR4	10/6/2019 15:01	29.42	77.0	5.05	1.9	SR4	10/6/2019 21:01	29.11	72.1	4.79	2.3
SR4	10/6/2019 3:06	29.53	75.5	5.05	0.9	SR4	10/6/2019 9:06	29.47	83.1	5.56	2.6	SR4	10/6/2019 15:06	29.37	74.1	4.94	1.7	SR4	10/6/2019 21:06	28.90	75.5	5.06	1.1
SR4	10/6/2019 3:11	29.59	78.1	5.21	1.8	SR4	10/6/2019 9:11	29.45	83.7	5.59	3.6	SR4	10/6/2019 15:11	29.40	79.2	5.18	2.7	SR4	10/6/2019 21:11	29.32	74.5	4.94	1.0
SR4	10/6/2019 3:16	29.61	77.2	5.10	1.0	SR4	10/6/2019 9:16	29.46	82.1	5.52	1.9	SR4	10/6/2019 15:16	29.16	68.7	4.52	1.5	SR4	10/6/2019 21:16	29.25	72.3	4.73	2.1
SR4	10/6/2019 3:21	29.61	78.7	5.15	2.4	SR4	10/6/2019 9:21	29.48	81.7	5.36	1.8	SR4	10/6/2019 15:21	29.30	73.8	4.88	2.5	SR4	10/6/2019 21:21	29.01	70.5	4.65	1.3
SR4	10/6/2019 3:26	29.61	78.5	5.20	1.2	SR4	10/6/2019 9:26	29.45	81.5	5.47	1.9	SR4	10/6/2019 15:26	29.31	72.9	4.87	2.0	SR4	10/6/2019 21:26	29.09	77.2	5.04	1.7
SR4	10/6/2019 3:31	29.58	73.9	4.83	1.0	SR4	10/6/2019 9:31	29.44	80.4	5.27	1.7	SR4	10/6/2019 15:31	29.34	72.5	4.81	1.8	SR4	10/6/2019 21:31	29.31	76.5	5.04	0.9
SR4	10/6/2019 3:36	29.53	69.4	4.59	2.9	SR4	10/6/2019 9:36	29.44	80.7	5.36	1.7	SR4	10/6/2019 15:36	29.41	76.3	5.07	2.7	SR4	10/6/2019 21:36	29.21	79.2	5.23	1.0
SR4	10/6/2019 3:41	29.57	73.8	4.93	1.5	SR4	10/6/2019 9:41	29.44	82.3	5.38	1.9	SR4	10/6/2019 15:41	29.43	80.4	5.25	3.0	SR4	10/6/2019 21:41	29.32	80.8	5.42	1.4
SR4	10/6/2019 3:46	29.58	74.4	4.96	0.9	SR4	10/6/2019 9:46	29.46	76.6	5.14	1.5	SR4	10/6/2019 15:46	29.42	76.4	5.03	1.6	SR4	10/6/2019 21:46	29.41	82.2	5.52	2.0
SR4	10/6/2019 3:51	29.58	70.4	4.66	2.3	SR4	10/6/2019 9:51	29.45	78.3	5.21	1.5	SR4	10/6/2019 15:51	29.39	74.3	4.92	1.6	SR4	10/6/2019 21:51	29.25	78.5	5.27	0.9
SR4	10/6/2019 3:56	29.58	68.6	4.57	1.1	SR4	10/6/2019 9:56	29.43	78.8	5.29	1.7	SR4	10/6/2019 15:56	29.41	73.0	4.90	1.3	SR4	10/6/2019 21:56	29.40	75.4	5.05	1.6
SR4	10/6/2019 4:01	29.55	67.1	4.47	1.5	SR4	10/6/2019 10:01	29.42	84.7	5.61	1.7	SR4	10/6/2019 16:01	29.38	73.4	4.91	1.4	SR4	10/6/2019 22:01	29.26	77.1	5.09	0.9
SR4	10/6/2019 4:06	29.46	64.7	4.31	1.6	SR4	10/6/2019 10:06	29.42	84.7	5.62	1.8	SR4	10/6/2019 16:06	29.38	73.8	4.90	1.5	SR4	10/6/2019 22:06	29.32	75.7	5.06	1.2
SR4	10/6/2019 4:11	29.47	65.3	4.30	2.7	SR4	10/6/2019 10:11	29.41	86.7	5.67	2.0	SR4	10/6/2019 16:11	29.30	70.8	4.73	1.4	SR4	10/6/2019 22:11	29.38	77.0	5.07	1.8
SR4	10/6/2019 4:16	29.46	67.0	4.48	2.8	SR4	10/6/2019 10:16	29.41	86.3	5.73	1.4	SR4	10/6/2019 16:16	29.39	73.4	4.83	1.1	SR4	10/6/2019 22:16	29.39	78.5	5.19	2.1
SR4	10/6/2019 4:21	29.43	67.6	4.43	2.4	SR4	10/6/2019 10:21	29.42	86.9	5.69	5.8	SR4	10/6/2019 16:21	29.25	77.3	5.12	1.8	SR4	10/6/2019 22:21	29.37	75.4	4.98	1.4
SR4	10/6/2019 4:26	29.46	68.1	4.51	2.8	SR4	10/6/2019 10:26	29.46	81.5	5.42	1.6	SR4	10/6/2019 16:26	29.34	75.2	4.98	1.8	SR4	10/6/2019 22:26	29.32	75.0	4.91	1.4
SR4	10/6/2019 4:31	29.47	67.6	4.50	1.6	SR4	10/6/2019 10:31	29.44	83.8	5.56	2.2	SR4	10/6/2019 16:31	29.28	78.2	5.21	1.5	SR4	10/6/2019 22:31	29.35	78.3	5.16	1.8
SR4	10/6/2019 4:36	29.53	74.6	4.91	1.0	SR4	10/6/2019 10:36	29.43	86.1	5.78	2.7	SR4	10/6/2019 16:36	29.28	78.5	5.20	1.5	SR4	10/6/2019 22:36	29.04	74.7	5.01	0.9
SR4	10/6/2019 4:41	29.53	71.6	4.81	3.1	SR4	10/6/2019 10:41	29.40	87.6	5.78	2.8	SR4	10/6/2019 16:41	29.35	75.7	5.09	1.6	SR4	10/6/2019 22:41	28.61	71.7	4.72	2.0
SR4	10/6/2019 4:46	29.45	69.7	4.55	1.5	SR4	10/6/2019 10:46	29.41	88.5	5.87	4.5	SR4	10/6/2019 16:46	29.33	76.9	5.02	1.1	SR4	10/6/2019 22:46	29.34	75.3	4.96	1.0
SR4	10/6/2019 4:51	29.46	72.1	4.71	1.4	SR4	10/6/2019 10:51	29.46	84.3	5.60	2.1	SR4	10/6/2019 16:51	28.96	77.4	5.20	1.1	SR4	10/6/2019 22:51	29.36	73.2	4.80	0.9
SR4	10/6/2019 4:56	29.40	76.3	5.03	1.1	SR4	10/6/2019 10:56	29.44	86.4	5.79	2.5	SR4	10/6/2019 16:56	29.12	82.1	5.46	1.3	SR4	10/6/2019 22:56	29.37	74.5	4.86	2.4
SR4	10/6/2019 5:01	29.44	73.8	4.84	3.2	SR4	10/6/2019 11:01	29.44	87.6	5.87	4.2	SR4	10/6/2019 17:01	29.19	80.2	5.30	1.4	SR4	10/6/2019 23:01	29.38	73.9	4.83	2.1
SR4	10/6/2019 5:06	29.46	75.5	4.98	1.0	SR4	10/6/2019 11:06	29.42	90.4	6.00	2.3	SR4	10/6/2019 17:06	29.20	80.6	5.38	2.9	SR4	10/6/2019 23:06	29.36	71.1	4.73	2.6
SR4	10/6/2019 5:11	29.48	76.8	5.06	2.0	SR4	10/6/2019 11:11	29.43	91.0	5.98	2.8	SR4	10/6/2019 17:11	29.14	85.8	5.70	1.6	SR4	10/6/2019 23:11	29.14	67.9	4.44	1.3
SR4	10/6/2019 5:16	29.50	71.4	4.76	1.2	SR4	10/6/2019 11:16	29.46	84.1	5.53	1.8	SR4	10/6/2019 17:16	29.10	85.3	5.68	1.4	SR4	10/6/2019 23:16	29.17	64.9	4.30	1.4
SR4	10/6/2019 5:21	29.55	68.1	4.47	1.2	SR4	10/6/2019 11:21	29.45	82.6	5.43	3.5	SR4	10/6/2019 17:21	29.17	83.0	5.53	1.1	SR4	10/6/2019 23:21	29.09	68.3	4.47	1.4
SR4	10/6/2019 5:26	29.56	73.1	4.84	1.0	SR4	10/6/2019 11:26	29.45	83.6	5.49	3.4	SR4	10/6/2019 17:26	29.22	83.8	5.51	1.2	SR4	10/6/2019 23:26	29.22	71.3	4.71	1.4
SR4	10/6/2019 5:31	29.52	73.9	4.83	2.8	SR4	10/6/2019 11:31	29.46	82.3	5.40	2.9	SR4	10/6/2019 17:31	29.28	81.8	5.42	1.6	SR4	10/6/2019 23:31	29.34	79.3	5.18	1.5
SR4	10/6/2019 5:36	29.57	72.7	4.82	1.1	SR4	10/6/2019 11:36	29.45	82.3	5.40	2.6	SR4	10/6/2019 17:36	29.20	79.7	5.35	1.0	SR4	10/6/2019 23:36	29.34	77.0	5.15	1.3
SR4	10/6/2019 5:41	29.58	74.6	4.97	0.9	SR4	10/6/2019 11:41	29.43	83.1	5.46	2.3	SR4	10/6/2019 17:41	29.33	79.7	5.25	1.4	SR4	10/6/2019 23:41	29.32	74.6	4.96	1.1
SR4	10/6/2019 5:46	29.58	74.2	4.85	2.4	SR4	10/6/2019 11:46	29.44	83.8	5.51	2.1	SR4	10/6/2019 17:46	29.22	80.7	5.37	1.2	SR4	10/6/2019 23:46	29.33	76.8	5.07	0.9
SR4	10/6/2019 5:51	29.58	71.0	4.74	1.0	SR4	10/6/2019 11:51	29.45	83.7	5.50	2.0	SR4	10/6/2019 17:51	29.29	83.0	5.48	1.0	SR4	10/6/2019 23:51	29.25	71.7	4.70	0.9
SR4	10/6/2019 5:56	29.56	69.0	4.62	2.1	SR4	10/6/2019 11:56	29.43	85.3	5.61	2.1	SR4	10/6/2019 17:56	29.26	85.5	5.59	1.3	SR4	10/6/2019 23:56	29.29	74.0	4.85	1.0

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	10/6/2019 0:00	29.75	81.6	5.45	5.8	SR5	10/6/2019 6:00	29.50	86.1	5.54	4.8	SR5	10/6/2019 12:00	29.57	83.0	5.37	7.3	SR5	10/6/2019 18:00	29.41	82.2	5.48	5.3
SR5	10/6/2019 0:05	29.74	80.4	5.36	5.9	SR5	10/6/2019 6:05	29.44	86.0	5.54	6.2	SR5	10/6/2019 12:05	29.56	83.7	5.42	5.4	SR5	10/6/2019 18:05	29.42	81.6	5.44	6.3
SR5	10/6/2019 0:10	29.73	80.6	5.37	4.9	SR5	10/6/2019 6:10	29.50	86.7	5.58	4.3	SR5	10/6/2019 12:10	29.57	81.5	5.28	6.2	SR5	10/6/2019 18:10	29.42	81.1	5.41	5.3
SR5	10/6/2019 0:15	29.74	80.9	5.40	3.9	SR5	10/6/2019 6:15	29.43	87.4	5.64	5.8	SR5	10/6/2019 12:15	29.64	82.3	5.32	5.9	SR5	10/6/2019 18:15	29.41	80.8	5.39	4.4
SR5	10/6/2019 0:20	29.73	79.6	5.32	4.3	SR5	10/6/2019 6:20	29.40	87.7	5.66	4.4	SR5	10/6/2019 12:20	29.63	83.2	5.37	7.0	SR5	10/6/2019 18:20	29.42	80.2	5.35	7.0
SR5	10/6/2019 0:25	29.66	79.9	5.44	5.2	SR5	10/6/2019 6:25	29.44	87.9	5.67	3.8	SR5	10/6/2019 12:25	29.63	81.6	5.27	6.0	SR5	10/6/2019 18:25	29.41	80.9	5.40	5.7
SR5	10/6/2019 0:30	29.65	79.3	5.41	4.9	SR5	10/6/2019 6:30	29.41	88.6	5.73	5.4	SR5	10/6/2019 12:30	29.60	82.3	5.32	6.4	SR5	10/6/2019 18:30	29.41	79.6	5.33	5.0
SR5	10/6/2019 0:35	29.65	78.9	5.37	5.6	SR5	10/6/2019 6:35	29.50	87.8	5.66	5.8	SR5	10/6/2019 12:35	29.58	84.7	5.48	6.0	SR5	10/6/2019 18:35	29.40	79.8	5.34	4.9
SR5	10/6/2019 0:40	29.65	79.0	5.38	4.4	SR5	10/6/2019 6:40	29.48	88.1	5.69	4.7	SR5	10/6/2019 12:40	29.61	83.7	5.40	5.7	SR5	10/6/2019 18:40	29.36	79.7	5.34	5.7
SR5	10/6/2019 0:45	29.64	79.5	5.40	5.4	SR5	10/6/2019 6:45	29.49	87.9	5.68	5.1	SR5	10/6/2019 12:45	29.62	83.0	5.36	7.2	SR5	10/6/2019 18:45	29.40	79.3	5.32	6.6
SR5	10/6/2019 0:50	29.64	78.2	5.30	3.9	SR5	10/6/2019 6:50	29.49	87.5	5.65	6.1	SR5	10/6/2019 12:50	29.63	84.2	5.43	6.9	SR5	10/6/2019 18:50	29.39	78.1	5.24	5.2
SR5	10/6/2019 0:55	29.64	79.4	5.37	4.7	SR5	10/6/2019 6:55	29.50	87.2	5.63	5.4	SR5	10/6/2019 12:55	29.60	84.5	5.45	6.7	SR5	10/6/2019 18:55	29.39	79.6	5.34	5.3
SR5	10/6/2019 1:00	29.63	79.1	5.37	3.9	SR5	10/6/2019 7:00	29.51	86.7	5.59	5.7	SR5	10/6/2019 13:00	29.59	84.6	5.46	6.7	SR5	10/6/2019 19:00	29.39	79.0	5.30	5.7
SR5	10/6/2019 1:05	29.62	78.7	5.34	7.4	SR5	10/6/2019 7:05	29.61	86.8	5.60	5.6	SR5	10/6/2019 13:05	29.60	84.8	5.47	6.0	SR5	10/6/2019 19:05	29.39	78.6	5.28	4.2
SR5	10/6/2019 1:10	29.63	79.4	5.37	4.6	SR5	10/6/2019 7:10	29.58	87.1	5.61	6.7	SR5	10/6/2019 13:10	29.60	84.6	5.46	4.9	SR5	10/6/2019 19:10	29.39	78.9	5.29	5.5
SR5	10/6/2019 1:15	29.63	79.3	5.38	5.5	SR5	10/6/2019 7:15	29.61	86.8	5.59	5.6	SR5	10/6/2019 13:15	29.61	85.0	5.49	7.2	SR5	10/6/2019 19:15	29.37	79.4	5.32	6.0
SR5	10/6/2019 1:20	29.62	80.2	5.43	6.2	SR5	10/6/2019 7:20	29.58	85.9	5.53	6.4	SR5	10/6/2019 13:20	29.60	85.6	5.53	6.8	SR5	10/6/2019 19:20	29.38	78.2	5.25	4.9
SR5	10/6/2019 1:25	29.62	79.9	5.41	5.7	SR5	10/6/2019 7:25	29.61	85.3	5.48	5.6	SR5	10/6/2019 13:25	29.60	84.3	5.44	5.3	SR5	10/6/2019 19:25	29.38	78.9	5.29	5.5
SR5	10/6/2019 1:30	29.63	79.5	5.38	5.2	SR5	10/6/2019 7:30	29.55	86.3	5.56	5.6	SR5	10/6/2019 13:30	29.62	83.5	5.39	7.1	SR5	10/6/2019 19:30	29.39	78.0	5.22	5.6
SR5	10/6/2019 1:35	29.63	78.5	5.32	5.8	SR5	10/6/2019 7:35	29.54	85.3	5.50	6.4	SR5	10/6/2019 13:35	29.60	82.2	5.30	6.1	SR5	10/6/2019 19:35	29.38	77.5	5.19	4.1
SR5	10/6/2019 1:40	29.62	79.1	5.35	5.4	SR5	10/6/2019 7:40	29.55	86.3	5.56	5.4	SR5	10/6/2019 13:40	29.61	82.1	5.29	4.8	SR5	10/6/2019 19:40	29.39	77.1	5.16	5.4
SR5	10/6/2019 1:45	29.62	79.5	5.37	4.5	SR5	10/6/2019 7:45	29.53	85.8	5.54	6.0	SR5	10/6/2019 13:45	29.62	82.6	5.32	5.8	SR5	10/6/2019 19:45	29.34	78.2	5.24	4.1
SR5	10/6/2019 1:50	29.61	80.2	5.43	5.2	SR5	10/6/2019 7:50	29.53	83.5	5.39	5.9	SR5	10/6/2019 13:50	29.62	82.1	5.29	4.8	SR5	10/6/2019 19:50	29.32	78.9	5.29	4.9
SR5	10/6/2019 1:55	29.61	78.9	5.24	5.1	SR5	10/6/2019 7:55	29.53	85.7	5.53	4.3	SR5	10/6/2019 13:55	29.62	81.6	5.26	6.0	SR5	10/6/2019 19:55	29.24	79.4	5.32	5.0
SR5	10/6/2019 2:00	29.60	78.8	5.23	5.7	SR5	10/6/2019 8:00	29.53	85.4	5.51	5.4	SR5	10/6/2019 14:00	29.68	87.6	5.88	7.4	SR5	10/6/2019 20:00	29.17	81.4	5.46	4.8
SR5	10/6/2019 2:05	29.60	79.0	5.24	4.1	SR5	10/6/2019 8:05	29.60	86.4	5.57	6.6	SR5	10/6/2019 14:05	29.67	87.2	5.86	7.1	SR5	10/6/2019 20:05	29.25	81.0	5.43	6.4
SR5	10/6/2019 2:10	29.60	79.8	5.29	5.3	SR5	10/6/2019 8:10	29.67	86.1	5.55	4.7	SR5	10/6/2019 14:10	29.68	88.1	5.92	4.6	SR5	10/6/2019 20:10	29.27	81.4	5.46	5.3
SR5	10/6/2019 2:15	29.60	80.7	5.35	6.0	SR5	10/6/2019 8:15	29.81	85.5	5.49	4.9	SR5	10/6/2019 14:15	29.69	87.5	5.88	5.2	SR5	10/6/2019 20:15	29.25	81.8	5.48	5.9
SR5	10/6/2019 2:20	29.60	80.4	5.32	4.6	SR5	10/6/2019 8:20	29.86	86.4	5.55	7.2	SR5	10/6/2019 14:20	29.68	84.5	5.66	5.4	SR5	10/6/2019 20:20	29.28	78.2	5.26	6.6
SR5	10/6/2019 2:25	29.61	81.9	5.44	5.9	SR5	10/6/2019 8:25	29.75	87.3	5.63	4.8	SR5	10/6/2019 14:25	29.62	84.5	5.65	6.5	SR5	10/6/2019 20:25	29.27	79.3	5.35	5.3
SR5	10/6/2019 2:30	29.49	83.3	5.55	5.2	SR5	10/6/2019 8:30	29.72	88.1	5.68	5.9	SR5	10/6/2019 14:30	29.59	84.4	5.64	6.1	SR5	10/6/2019 20:30	29.25	79.6	5.35	4.9
SR5	10/6/2019 2:35	29.61	83.7	5.56	6.1	SR5	10/6/2019 8:35	29.76	86.8	5.59	5.5	SR5	10/6/2019 14:35	29.58	84.0	5.62	5.5	SR5	10/6/2019 20:35	29.22	79.1	5.34	4.2
SR5	10/6/2019 2:40	29.63	84.4	5.62	6.4	SR5	10/6/2019 8:40	29.68	88.2	5.70	5.6	SR5	10/6/2019 14:40	29.58	83.0	5.55	5.9	SR5	10/6/2019 20:40	29.27	79.9	5.40	6.7
SR5	10/6/2019 2:45	29.62	84.3	5.61	4.4	SR5	10/6/2019 8:45	29.79	85.8	5.52	7.1	SR5	10/6/2019 14:45	29.58	82.5	5.51	6.3	SR5	10/6/2019 20:45	29.28	79.8	5.39	4.8
SR5	10/6/2019 2:50	29.61	84.9	5.65	5.4	SR5	10/6/2019 8:50	29.63	87.8	5.68	4.8	SR5	10/6/2019 14:50	29.57	81.8	5.45	5.9	SR5	10/6/2019 20:50	29.19	80.3	5.43	5.2
SR5	10/6/2019 2:55	29.62	85.0	5.66	4.7	SR5	10/6/2019 8:55	29.75	84.9	5.47	6.0	SR5	10/6/2019 14:55	29.55	81.5	5.42	7.6	SR5	10/6/2019 20:55	29.16	80.0	5.41	4.6
SR5	10/6/2019 3:00	29.62	85.1	5.66	5.8	SR5	10/6/2019 9:00	29.65	86.0	5.55	7.3	SR5	10/6/2019 15:00	29.58	80.3	5.33	5.7	SR5	10/6/2019 21:00	29.17	80.4	5.44	5.2
SR5	10/6/2019 3:05	29.62	85.5	5.69	5.3	SR5	10/6/2019 9:05	29.59	86.4	5.59	5.4	SR5	10/6/2019 15:05	29.58	81.8	5.46	6.1	SR5	10/6/2019 21:05	29.22	81.1	5.48	6.9
SR5	10/6/2019 3:10	29.63	84.4	5.63	4.2	SR5	10/6/2019 9:10	29.58	85.4	5.52	5.8	SR5	10/6/2019 15:10	29.56	82.4	5.49	5.4	SR5	10/6/2019 21:10	29.23	80.7	5.45	5.0
SR5	10/6/2019 3:15	29.62	84.1	5.59	5.9	SR5	10/6/2019 9:15	29.58	84.3	5.45	5.9	SR5	10/6/2019 15:15	29.56	82.9	5.53	4.5	SR5	10/6/2019 21:15	29.23	80.0	5.40	5.7
SR5	10/6/2019 3:20	29.62	84.2	5.60	6.2	SR5	10/6/2019 9:20	29.56	86.0	5.56	5.2	SR5	10/6/2019 15:20	29.54	83.2	5.54	6.9	SR5	10/6/2019 21:20	29.24	79.8	5.38	4.5
SR5	10/6/2019 3:25	29.62	85.1	5.67	4.8	SR5	10/6/2019 9:25	29.51	87.4	5.66	4.4	SR5	10/6/2019 15:25	29.52	83.2	5.54	5.7	SR5	10/6/2019 21:25	29.24	80.0	5.40	5.2
SR5	10/6/2019 3:30	29.60	83.8	5.57	4.2	SR5	10/6/2019 9:30	29.52	85.2	5.52	5.5	SR5	10/6/2019 15:30	29.52	83.9	5.60	5.1	SR5	10/6/2019 21:30	29.22	79.7	5.36	4.2
SR5	10/6/2019 3:35	29.60	83.0	5.52	6.1	SR5	10/6/2019 9:35	29.51	86.2	5.58	6.3	SR5	10/6/2019 15:35	29.52	82.9	5.53	6.2	SR5	10/6/2019 21:35	29.22	79.6	5.37	6.0
SR5	10/6/2019 3:40	29.60	84.9	5.65	5.6	SR5	10/6/2019 9:40	29.51	86.2	5.58	5.1	SR5	10/6/2019 15:40	29.52	81.9	5.45	4.9	SR5	10/6/2019 21:40	29.20	79.3	5.34	4.8
SR5	10/6/2019 3:45	29.58	84.1	5.60	5.1	SR5	10/6/2019 9:45	29.52	85.2	5.52	3.6	SR5	10/6/2019 15:45	29.51	81.5	5.43	5.5	SR5	10/6/2019 21:45	29.21	79.3	5.33	4.3
SR5	10/6/2019 3:50	29.58	84.7	5.65	5.7	SR5	10/6/2019 9:50	29.54	84.4	5.46	5.1	SR5	10/6/2019 15:50	29.51	80.9	5.38	4.7	SR5	10/6/2019 21:50	29.21	79.7	5.35	5.6
SR5	10/6/2019 3:55	29.58	84.8	5.64	5.3	SR5	10/6/2019 9:55	29.46	87.8	5.69	5.1	SR5	10/6/2019 15:55	29.51	80.0	5.31	5.1	SR5	10/6/2019 21:55	29.22	79.5	5.34	5.0
SR5	10/6/2019 4:00	29.57	84.7	5.64	5.2	SR5	10/6/2019 10:00	29.48	87.4	5.67	5.2	SR5	10/6/2019 16:00	29.51	79.8	5.31	4.3	SR5	10/6/2019 22:00	29.19	79.4	5.34	4.7
SR5	10/6/2019 4:05	29.53	85.7	5.71	5.8	SR5	10/6/2019 10:05	29.44	87.3	5.67	4.8	SR5	10/6/2019 16:05	29.51	80.3	5.33	5.6	SR5	10/6/2019 22:05	29.19	79.1	5.30	6.5
SR5	10/6/2019 4:10	29.54	85.1	5.67	5.1	SR5	10/6/2019 10:10	29.51	86.6	5.61	5.6	SR5	10/6/2019 16:10	29.50	81.8	5.43	7.2	SR5	10/6/2019 22:10	29.27	78.9	5.27	7.5
SR5	10/6/2019 4:15	29.52	83.7	5.58	5.0	SR5	10/6/2019 10:15	29.53	86.1	5.58	5.4	SR5	10/6/2019 16:15	29.50	82.3	5.46	5.8	SR5	10/6/2019 22:15	29.24	78.3	5.24	6.0
SR5	10/6/2019 4:20	29.57	85.3	5.70	6.6	SR5	10/6/2019 10:20	29.48	87.2	5.66	5.3	SR5	10/6/2019 16:20	29.50	82.0	5.44	3.8	SR5	10/6/2019 22:20	29.16	78.2	5.24	5.4
SR5	10/6/2019 4:25	29.53	86.4	5.79	4.6	SR5	10/6/2019 10:25	29.51	85.6	5.55	6.2	SR5	10/6/2019 16:25	29.48	81.8	5.43	5.3	SR5	10/6/2019 22:25	29.16	77.7	5.21	6.1
SR5	10/6/2019 4:30	29.49	89.1	5.98	5.6	SR5	10/6/2019 10:30	29.55	85.0	5.51	5.2	SR5	10/6/2019 16:30	29.49	82.0	5.44	5.1	SR5	10/6/2019 22:30	29.30	78.2	5.24	5.5
SR5	10/6/2019 4:35	29.51	88.4	5.94	4.8	SR5	10/6/2019 10:35	29.58	83.5	5.41	4.9	SR5	10/6/2019 16:35	29.49	81.0	5.37	5.1	SR5	10/6/2019 22:35	29.32	78.8	5.27	5.9
SR5	10/6/2019 4:40	29.53	81.8	5.23	4.6	SR5	10/6/2019 10:40	29.53	84.4	5.47	5.7	SR5	10/6/2019 16:40	29.49	81.3	5.41	6.9	SR5	10/6/2019 22:40	29.25	78.2	5.24	5.1
SR5	10/6/2019 4:45	29.48	82.4	5.27	5.0	SR5	10/6/2019 10:45	29.53	85.3	5.53	4.1	SR5	10/6/2019 16:45	29.48	81.5	5.42	5.6	SR5	10/6/2019 22:45	29.18	78.1	5.27	4.8
SR5	10/6/2019 4:50	29.49	82.8	5.30	6.1	SR5	10/6/2019 10:50	29.53	85.1	5.52	4.8	SR5	10/6/2019 16:50	29.48	81.1	5.38	5.9	SR5	10/6/2019 22:50	29.17	77.7	5.24	6.3
SR5	10/6/2019 4:55	29.49	83.0	5.32	5.0	SR5	10/6/2019 10:55	29.57	85.0	5.50	6.1	SR5	10/6/2019 16:55	29.47	81.5	5.41	7.1	SR5	10/6/2019 22:55	29.18	77.5	5.24	4.7
SR5	10/6/2019 5:00	29.48	82.6	5.29	5.3	SR5	10/6/2019 11:00	29.51	85.3	5.53	5.0	SR5	10/6/2019 17:00	29.47	81.3	5.40	4.5	SR5	10/6/2019 23:00	29.16	77.6	5.23	4.7
SR5	10/6/2019 5:05	29.50	81.0	5.18	5.0	SR5	10/6/2019 11:05	29.48	85.3	5.54	5.2	SR5	10/6/2019 17:05	29.46	81.5	5.41	5.0	SR5	10/6/2019 23:05	29.22	77.9	5.26	5.7
SR5	10/6/2019 5:10	29.49	81.9	5.25	5.7	SR5	10/6/2019 11:10	29.51	86.0	5.58	5.4	SR5	10/6/2019 17:10	29.47	81.7	5.43	5.6	SR5	10/6/2019 23:10	29.25	78.7	5.31	7.5
SR5	10/6/2019 5:15	29.52	81.1	5.19	4.6	SR5	10/6/2019 11:15	29.55	84.7	5.49	6.0	SR5	10/6/2019 17:15	29.46	82.5	5.49	5.7	SR5	10/6/2019 23:15	29.30	78.2	5.26	7.5
SR5	10/6/2019 5:20	29.50	82.2	5.27	6.1	SR5	10/6/2019 11:20	29.56	85.0	5.51	5.2	SR5	10/6/2019 17:20	29.43	82.5	5.49	5.0	SR5	10/6/2019 23:20	29.31	78.4	5.27	6.2
SR5	10/6/2019 5:25	29.39	84.6	5.43	5.0	SR5	10/6/2019 11:25	29.59	85.3	5.52	6.4	SR5	10/6/2019 17:25	29.42	82.0	5.46	6.4	SR5	10/6/2019 23:25	29.30	78.0	5.26	5.2
SR5	10/6/2019 5:30	29.39	86.2	5.55	5.3	SR5	10/6/2019 11:30	29.58	84.6	5.47	4.9	SR5	10/6/2019 17:30	29.43	82.1	5.47	6.2	SR5	10/6/2019 23:30	29.30	78.1	5.25	4.5
SR5	10/6/2019 5:35	29.48	86.9	5.60	4.7	SR5	10/6/2019 11:35	29.56	84.5	5.47	6.8	SR5	10/6/2019 17:35	29.42	81.5	5.43	5.3	SR5	10/6/2019 23:35	29.30	77.4	5.20	4.9
SR5	10/6/2019 5:40	29.43	87.5	5.64	5.4	SR5	10/6/2019 11:40	29.54	86.0	5.57	5.3	SR5	10/6/2019 17:40	29.43	81.1	5.41	6.7	SR5	10/6/2019 23:40	29.30	78.1	5.26	5.9
SR5	10/6/2019 5:45	29.45	87.3	5.63	4.5	SR5	10/6/2019 11:45	29.55	84.6	5.48	7.7	SR5	10/6/2019 17:45	29.42	81.5	5.43	4.3	SR5	10/6/2019 23:45	29.30	78.2	5.26	5.0
SR5	10/6/2019 5:50	29.43	87.6	5.65	4.1	SR5	10/6/2019 11:50	29.55	83.8	5.43	5.8	SR5	10/6/2019 17:50	29.42	81.9	5.46	4.3	SR5	10/6/2019 23:50	29.18	78.9	5.31	4.5
SR5	10/6/2019 5:55	29.48	86.3	5.56	4.4	SR5	10/6/2019 11:55	29.56	84.2	5.45	6.0	SR5	10/6/2019 17:55	29.41	82.0	5.48	5.5	SR5	10/6/2019 23:55	29.29	78.5	5.29	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	10/6/2019 0:01	30.34	79.8	5.69	3.7	SR12	10/6/2019 6:01	30.05	76.9	5.53	4.2	SR12	10/6/2019 12:01	29.68	77.7	5.63	2.2	SR12	10/6/2019 18:01	29.34	76.7	5.53	3.1
SR12	10/6/2019 0:06	30.37	78.3	5.59	4.1	SR12	10/6/2019 6:06	30.02	78.7	5.67	3.6	SR12	10/6/2019 12:06	29.72	76.9	5.56	3.8	SR12	10/6/2019 18:06	29.37	77.1	5.59	4.5
SR12	10/6/2019 0:11	30.51	81.1	5.79	3.7	SR12	10/6/2019 6:11	30.02	77.7	5.61	3.5	SR12	10/6/2019 12:11	29.67	76.8	5.55	4.5	SR12	10/6/2019 18:11	29.35	77.3	5.56	3.5
SR12	10/6/2019 0:16	30.41	80.6	5.75	4.4	SR12	10/6/2019 6:16	30.03	80.1	5.74	3.5	SR12	10/6/2019 12:16	29.68	78.6	5.69	3.2	SR12	10/6/2019 18:16	29.35	78.2	5.65	3.0
SR12	10/6/2019 0:21	30.40	78.6	5.60	3.2	SR12	10/6/2019 6:21	30.01	78.7	5.67	3.8	SR12	10/6/2019 12:21	29.68	76.6	5.57	3.1	SR12	10/6/2019 18:21	29.36	76.7	5.57	3.5
SR12	10/6/2019 0:26	30.44	78.3	5.59	3.4	SR12	10/6/2019 6:26	29.97	76.9	5.58	3.1	SR12	10/6/2019 12:26	29.69	77.2	5.55	3.6	SR12	10/6/2019 18:26	29.37	73.7	5.36	3.1
SR12	10/6/2019 0:31	30.43	79.0	5.64	3.4	SR12	10/6/2019 6:31	29.97	76.1	5.49	4.3	SR12	10/6/2019 12:31	29.64	77.1	5.61	3.0	SR12	10/6/2019 18:31	29.39	71.9	5.26	1.7
SR12	10/6/2019 0:36	30.38	78.8	5.62	3.1	SR12	10/6/2019 6:36	29.98	77.8	5.60	3.4	SR12	10/6/2019 12:36	29.72	77.0	5.54	3.3	SR12	10/6/2019 18:36	29.39	72.8	5.30	3.7
SR12	10/6/2019 0:41	30.42	79.6	5.68	2.6	SR12	10/6/2019 6:41	29.98	76.5	5.51	3.8	SR12	10/6/2019 12:41	29.60	77.8	5.65	3.8	SR12	10/6/2019 18:41	29.39	73.9	5.35	2.2
SR12	10/6/2019 0:46	30.41	80.5	5.74	3.7	SR12	10/6/2019 6:46	29.98	74.6	5.39	3.4	SR12	10/6/2019 12:46	29.59	79.4	5.73	2.2	SR12	10/6/2019 18:46	29.41	73.4	5.36	3.0
SR12	10/6/2019 0:51	30.53	80.5	5.74	3.0	SR12	10/6/2019 6:51	29.98	75.0	5.43	4.0	SR12	10/6/2019 12:51	29.56	75.6	5.49	3.7	SR12	10/6/2019 18:51	29.40	76.8	5.55	3.4
SR12	10/6/2019 0:56	30.55	80.6	5.75	3.3	SR12	10/6/2019 6:56	29.96	74.5	5.39	3.8	SR12	10/6/2019 12:56	29.49	77.1	5.59	3.5	SR12	10/6/2019 18:56	29.39	75.6	5.49	2.8
SR12	10/6/2019 1:01	30.60	79.0	5.63	2.6	SR12	10/6/2019 7:01	29.93	74.8	5.44	4.1	SR12	10/6/2019 13:01	29.58	75.2	5.47	3.9	SR12	10/6/2019 19:01	29.32	80.8	5.84	3.1
SR12	10/6/2019 1:06	30.57	79.8	5.69	2.5	SR12	10/6/2019 7:06	29.94	73.8	5.33	4.5	SR12	10/6/2019 13:06	29.56	74.0	5.39	3.7	SR12	10/6/2019 19:06	29.28	79.0	5.71	3.5
SR12	10/6/2019 1:11	30.58	77.4	5.51	3.7	SR12	10/6/2019 7:11	29.94	75.0	5.44	4.0	SR12	10/6/2019 13:11	29.52	76.7	5.57	2.5	SR12	10/6/2019 19:11	29.27	77.4	5.62	3.0
SR12	10/6/2019 1:16	30.58	80.3	5.73	3.8	SR12	10/6/2019 7:16	29.93	73.3	5.35	4.7	SR12	10/6/2019 13:16	29.60	75.8	5.50	3.1	SR12	10/6/2019 19:16	29.27	79.3	5.74	**10.3**
SR12	10/6/2019 1:21	30.59	79.5	5.67	2.9	SR12	10/6/2019 7:21	29.90	74.4	5.41	3.4	SR12	10/6/2019 13:21	29.57	77.5	5.62	4.3	SR12	10/6/2019 19:21	29.26	80.2	5.80	3.7
SR12	10/6/2019 1:26	30.57	80.4	5.74	4.1	SR12	10/6/2019 7:26	29.88	75.4	5.47	4.2	SR12	10/6/2019 13:26	29.55	76.7	5.54	2.7	SR12	10/6/2019 19:26	29.27	79.0	5.73	3.9
SR12	10/6/2019 1:31	30.59	79.6	5.68	2.6	SR12	10/6/2019 7:31	29.95	74.5	5.41	4.6	SR12	10/6/2019 13:31	29.50	78.3	5.62	4.0	SR12	10/6/2019 19:31	29.29	78.9	5.66	3.1
SR12	10/6/2019 1:36	30.54	79.6	5.68	2.6	SR12	10/6/2019 7:36	29.93	73.3	5.31	4.4	SR12	10/6/2019 13:36	29.55	77.1	5.56	3.1	SR12	10/6/2019 19:36	29.28	78.4	5.69	2.7
SR12	10/6/2019 1:41	30.50	78.4	5.59	3.0	SR12	10/6/2019 7:41	29.93	71.4	5.16	3.0	SR12	10/6/2019 13:41	29.56	75.3	5.42	3.5	SR12	10/6/2019 19:41	29.28	78.9	5.66	2.5
SR12	10/6/2019 1:46	30.36	77.3	5.51	3.1	SR12	10/6/2019 7:46	29.95	76.8	5.57	3.8	SR12	10/6/2019 13:46	29.54	73.2	5.31	4.0	SR12	10/6/2019 19:46	29.29	77.7	5.61	2.0
SR12	10/6/2019 1:51	30.39	79.6	5.69	3.6	SR12	10/6/2019 7:51	29.92	73.4	5.30	4.7	SR12	10/6/2019 13:51	29.51	75.6	5.49	3.3	SR12	10/6/2019 19:51	29.29	79.3	5.67	2.8
SR12	10/6/2019 1:56	30.44	78.0	5.58	3.5	SR12	10/6/2019 7:56	29.82	75.5	5.46	3.7	SR12	10/6/2019 13:56	29.54	75.9	5.51	2.7	SR12	10/6/2019 19:56	29.30	77.0	5.60	2.9
SR12	10/6/2019 2:01	30.38	79.7	5.68	4.1	SR12	10/6/2019 8:01	29.80	75.8	5.46	3.3	SR12	10/6/2019 14:01	29.53	72.9	5.29	3.8	SR12	10/6/2019 20:01	29.31	76.7	5.54	2.6
SR12	10/6/2019 2:06	30.22	79.1	5.64	3.5	SR12	10/6/2019 8:06	29.86	76.3	5.53	3.3	SR12	10/6/2019 14:06	29.53	72.0	5.24	4.3	SR12	10/6/2019 20:06	29.30	77.2	5.60	2.6
SR12	10/6/2019 2:11	30.35	77.9	5.55	3.8	SR12	10/6/2019 8:11	29.73	72.1	5.21	4.0	SR12	10/6/2019 14:11	29.52	71.8	5.23	3.3	SR12	10/6/2019 20:11	29.30	80.5	5.79	3.3
SR12	10/6/2019 2:16	30.41	78.7	5.63	4.1	SR12	10/6/2019 8:16	29.75	63.8	4.70	2.4	SR12	10/6/2019 14:16	29.47	71.1	5.19	2.5	SR12	10/6/2019 20:16	29.30	79.8	5.75	2.8
SR12	10/6/2019 2:21	30.42	76.9	5.51	2.6	SR12	10/6/2019 8:21	29.91	70.4	5.15	4.0	SR12	10/6/2019 14:21	29.46	70.9	5.15	4.0	SR12	10/6/2019 20:21	29.30	81.2	5.80	2.6
SR12	10/6/2019 2:26	30.43	76.8	5.49	2.8	SR12	10/6/2019 8:26	29.98	75.7	5.45	3.2	SR12	10/6/2019 14:26	29.43	71.4	5.21	3.3	SR12	10/6/2019 20:26	29.29	80.8	5.81	3.5
SR12	10/6/2019 2:31	30.43	77.6	5.55	3.9	SR12	10/6/2019 8:31	30.02	77.6	5.60	4.1	SR12	10/6/2019 14:31	29.42	72.0	5.21	5.1	SR12	10/6/2019 20:31	29.30	81.8	5.85	5.5
SR12	10/6/2019 2:36	30.41	77.3	5.52	3.0	SR12	10/6/2019 8:36	29.99	75.1	5.40	3.6	SR12	10/6/2019 14:36	29.45	73.3	5.32	3.5	SR12	10/6/2019 20:36	29.32	77.6	5.60	3.1
SR12	10/6/2019 2:41	30.39	78.6	5.61	3.7	SR12	10/6/2019 8:41	29.91	74.0	5.38	4.2	SR12	10/6/2019 14:41	29.43	72.5	5.28	3.3	SR12	10/6/2019 20:41	29.35	79.1	5.70	2.4
SR12	10/6/2019 2:46	30.40	78.4	5.59	4.0	SR12	10/6/2019 8:46	29.91	75.2	5.45	4.6	SR12	10/6/2019 14:46	29.46	75.7	5.46	3.3	SR12	10/6/2019 20:46	29.35	80.1	5.80	2.8
SR12	10/6/2019 2:51	30.38	77.4	5.52	3.2	SR12	10/6/2019 8:51	29.88	73.3	5.29	2.9	SR12	10/6/2019 14:51	29.46	74.5	5.43	4.7	SR12	10/6/2019 20:51	29.36	81.3	5.83	3.5
SR12	10/6/2019 2:56	30.38	78.0	5.57	4.0	SR12	10/6/2019 8:56	29.91	76.6	5.51	4.2	SR12	10/6/2019 14:56	29.46	72.7	5.24	2.5	SR12	10/6/2019 20:56	29.37	82.3	5.91	4.0
SR12	10/6/2019 3:01	30.42	75.8	5.44	3.3	SR12	10/6/2019 9:01	29.87	75.1	5.41	3.5	SR12	10/6/2019 15:01	29.50	74.1	5.34	3.2	SR12	10/6/2019 21:01	29.40	79.4	5.72	3.3
SR12	10/6/2019 3:06	30.41	77.4	5.53	3.1	SR12	10/6/2019 9:06	29.80	75.2	5.40	4.5	SR12	10/6/2019 15:06	29.46	77.5	5.59	2.8	SR12	10/6/2019 21:06	29.40	81.0	5.86	2.7
SR12	10/6/2019 3:11	30.36	77.9	5.56	4.6	SR12	10/6/2019 9:11	29.78	77.2	5.57	5.2	SR12	10/6/2019 15:11	29.46	75.0	5.41	4.1	SR12	10/6/2019 21:11	29.40	82.0	5.92	3.1
SR12	10/6/2019 3:16	30.34	77.6	5.54	3.8	SR12	10/6/2019 9:16	29.78	77.2	5.59	4.4	SR12	10/6/2019 15:16	29.45	77.0	5.56	2.8	SR12	10/6/2019 21:16	29.39	83.0	5.96	3.9
SR12	10/6/2019 3:21	30.39	75.8	5.42	4.6	SR12	10/6/2019 9:21	29.76	78.5	5.64	4.7	SR12	10/6/2019 15:21	29.49	76.3	5.50	3.6	SR12	10/6/2019 21:21	29.40	82.9	5.92	3.1
SR12	10/6/2019 3:26	30.36	78.8	5.64	3.1	SR12	10/6/2019 9:26	29.76	76.8	5.57	4.1	SR12	10/6/2019 15:26	29.42	73.5	5.34	2.4	SR12	10/6/2019 21:26	29.42	79.9	5.73	3.5
SR12	10/6/2019 3:31	30.32	72.7	5.26	3.6	SR12	10/6/2019 9:31	29.75	78.7	5.66	4.6	SR12	10/6/2019 15:31	29.50	71.9	5.20	3.4	SR12	10/6/2019 21:31	29.41	79.8	5.73	3.4
SR12	10/6/2019 3:36	30.25	82.3	5.88	4.3	SR12	10/6/2019 9:36	29.68	75.0	5.46	3.4	SR12	10/6/2019 15:36	29.44	75.9	5.50	2.9	SR12	10/6/2019 21:36	29.41	79.1	5.67	3.0
SR12	10/6/2019 3:41	30.27	81.2	5.82	2.6	SR12	10/6/2019 9:41	29.63	75.5	5.48	3.4	SR12	10/6/2019 15:41	29.45	75.6	5.44	4.3	SR12	10/6/2019 21:41	29.42	80.1	5.75	3.0
SR12	10/6/2019 3:46	30.24	81.0	5.82	3.0	SR12	10/6/2019 9:46	29.61	79.7	5.75	4.1	SR12	10/6/2019 15:46	29.44	74.9	5.43	2.0	SR12	10/6/2019 21:46	29.42	79.1	5.68	2.3
SR12	10/6/2019 3:51	30.19	80.0	5.74	3.5	SR12	10/6/2019 9:51	29.66	78.7	5.71	4.5	SR12	10/6/2019 15:51	29.47	76.7	5.57	3.1	SR12	10/6/2019 21:51	29.41	80.0	5.74	2.8
SR12	10/6/2019 3:56	30.22	77.2	5.61	3.0	SR12	10/6/2019 9:56	29.66	79.5	5.73	4.4	SR12	10/6/2019 15:56	29.45	76.5	5.51	3.1	SR12	10/6/2019 21:56	29.43	81.0	5.81	2.6
SR12	10/6/2019 4:01	30.19	79.9	5.77	2.7	SR12	10/6/2019 10:01	29.64	79.3	5.69	3.6	SR12	10/6/2019 16:01	29.41	74.9	5.45	1.8	SR12	10/6/2019 22:01	29.43	79.9	5.73	2.3
SR12	10/6/2019 4:06	30.22	81.0	5.83	2.6	SR12	10/6/2019 10:06	29.65	77.5	5.63	3.9	SR12	10/6/2019 16:06	29.44	73.6	5.37	3.4	SR12	10/6/2019 22:06	29.43	80.9	5.80	1.7
SR12	10/6/2019 4:11	30.20	80.2	5.82	3.6	SR12	10/6/2019 10:11	29.63	77.7	5.64	4.7	SR12	10/6/2019 16:11	29.40	72.8	5.32	3.0	SR12	10/6/2019 22:11	29.45	80.8	5.79	2.8
SR12	10/6/2019 4:16	30.19	70.9	5.16	3.7	SR12	10/6/2019 10:16	29.64	75.8	5.47	3.2	SR12	10/6/2019 16:16	29.40	69.4	5.07	3.5	SR12	10/6/2019 22:16	29.46	80.2	5.75	2.6
SR12	10/6/2019 4:21	30.20	78.6	5.71	3.2	SR12	10/6/2019 10:21	29.66	77.1	5.56	3.6	SR12	10/6/2019 16:21	29.43	71.7	5.22	2.8	SR12	10/6/2019 22:21	29.48	80.0	5.73	3.5
SR12	10/6/2019 4:26	30.19	78.5	5.71	4.1	SR12	10/6/2019 10:26	29.68	76.4	5.51	4.0	SR12	10/6/2019 16:26	29.32	72.2	5.27	3.4	SR12	10/6/2019 22:26	29.49	79.7	5.72	4.0
SR12	10/6/2019 4:31	30.12	80.9	5.82	3.3	SR12	10/6/2019 10:31	29.71	78.5	5.63	3.0	SR12	10/6/2019 16:31	29.32	72.0	5.23	2.3	SR12	10/6/2019 22:31	29.51	82.1	5.89	3.8
SR12	10/6/2019 4:36	30.17	77.7	5.63	3.6	SR12	10/6/2019 10:36	29.72	77.8	5.58	3.7	SR12	10/6/2019 16:36	29.38	72.6	5.31	2.8	SR12	10/6/2019 22:36	29.50	81.1	5.82	3.9
SR12	10/6/2019 4:41	30.18	77.0	5.58	4.4	SR12	10/6/2019 10:41	29.70	79.4	5.74	3.8	SR12	10/6/2019 16:41	29.31	72.6	5.30	2.4	SR12	10/6/2019 22:41	29.51	81.0	5.81	3.0
SR12	10/6/2019 4:46	30.13	78.8	5.70	3.7	SR12	10/6/2019 10:46	29.71	78.3	5.65	3.3	SR12	10/6/2019 16:46	29.33	75.9	5.51	1.4	SR12	10/6/2019 22:46	29.52	81.5	5.84	3.8
SR12	10/6/2019 4:51	30.16	79.5	5.74	4.2	SR12	10/6/2019 10:51	29.71	77.3	5.57	4.2	SR12	10/6/2019 16:51	29.33	72.9	5.32	1.4	SR12	10/6/2019 22:51	29.53	82.5	5.91	3.2
SR12	10/6/2019 4:56	30.13	80.3	5.84	3.2	SR12	10/6/2019 10:56	29.72	79.3	5.70	3.6	SR12	10/6/2019 16:56	29.36	76.0	5.47	3.4	SR12	10/6/2019 22:56	29.54	81.5	5.83	3.3
SR12	10/6/2019 5:01	30.11	79.6	5.72	4.4	SR12	10/6/2019 11:01	29.73	78.6	5.69	4.0	SR12	10/6/2019 17:01	29.34	76.2	5.50	1.9	SR12	10/6/2019 23:01	29.55	82.7	5.92	3.2
SR12	10/6/2019 5:06	30.10	76.4	5.51	4.0	SR12	10/6/2019 11:06	29.74	77.3	5.60	3.7	SR12	10/6/2019 17:06	29.38	69.9	5.09	2.1	SR12	10/6/2019 23:06	29.56	82.1	5.88	2.8
SR12	10/6/2019 5:11	30.09	81.4	5.83	3.9	SR12	10/6/2019 11:11	29.74	76.2	5.51	3.3	SR12	10/6/2019 17:11	29.40	72.6	5.27	2.3	SR12	10/6/2019 23:11	29.60	82.0	5.87	4.0
SR12	10/6/2019 5:16	30.11	77.8	5.62	2.8	SR12	10/6/2019 11:16	29.72	76.7	5.55	3.8	SR12	10/6/2019 17:16	29.45	74.2	5.36	3.3	SR12	10/6/2019 23:16	29.60	81.4	5.83	4.2
SR12	10/6/2019 5:21	30.09	79.2	5.69	2.3	SR12	10/6/2019 11:21	29.68	73.8	5.38	3.6	SR12	10/6/2019 17:21	29.42	72.9	5.32	2.8	SR12	10/6/2019 23:21	29.60	81.7	5.86	2.7
SR12	10/6/2019 5:26	30.10	75.8	5.50	3.5	SR12	10/6/2019 11:26	29.71	76.7	5.56	3.6	SR12	10/6/2019 17:26	29.40	71.9	5.22	3.5	SR12	10/6/2019 23:26	29.59	77.0	5.55	3.5
SR12	10/6/2019 5:31	30.08	76.9	5.59	3.7	SR12	10/6/2019 11:31	29.73	75.2	5.46	4.4	SR12	10/6/2019 17:31	29.41	73.4	5.35	3.3	SR12	10/6/2019 23:31	29.61	77.1	5.56	4.0
SR12	10/6/2019 5:36	30.07	77.7	5.63	4.9	SR12	10/6/2019 11:36	29.65	76.7	5.53	3.9	SR12	10/6/2019 17:36	29.37	74.0	5.39	2.0	SR12	10/6/2019 23:36	29.60	77.7	5.60	3.3
SR12	10/6/2019 5:41	30.06	75.8	5.52	2.8	SR12	10/6/2019 11:41	29.68	77.8	5.61	2.9	SR12	10/6/2019 17:41	29.35	76.4	5.53	3.0	SR12	10/6/2019 23:41	29.62	77.6	5.58	3.3
SR12	10/6/2019 5:46	30.08	76.5	5.53	4.0	SR12	10/6/2019 11:46	29.68	77.6	5.57	3.7	SR12	10/6/2019 17:46	29.34	76.6	5.51	3.6	SR12	10/6/2019 23:46	29.60	78.5	5.65	3.9
SR12	10/6/2019 5:51	30.08	78.5	5.70	3.2	SR12	10/6/2019 11:51	29.64	77.7	5.61	2.8	SR12	10/6/2019 17:51	29.32	77.0	5.52	2.9	SR12	10/6/2019 23:51	29.61	77.4	5.57	3.3
SR12	10/6/2019 5:56	30.07	76.2	5.53	3.5	SR12	10/6/2019 11:56	29.66	76.3	5.52	3.4	SR12	10/6/2019 17:56	29.36	76.4	5.50	3.7	SR12	10/6/2019 23:56	29.61	77.3	5.60	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)
SR13	10/6/2019 0:00	30.19	73.1	5.23	3.9	SR13	10/6/2019 6:00	29.89	70.0	5.09	4.3	SR13	10/6/2019 12:00	29.55	76.1	5.48	3.8	SR13	10/6/2019 18:00	29.40	76.7	5.55	3.3
SR13	10/6/2019 0:05	30.18	74.5	5.35	3.7	SR13	10/6/2019 6:05	29.87	70.9	5.15	3.6	SR13	10/6/2019 12:05	29.55	76.3	5.47	4.1	SR13	10/6/2019 18:05	29.40	76.1	5.50	3.4
SR13	10/6/2019 0:10	30.16	74.7	5.36	4.2	SR13	10/6/2019 6:10	29.88	70.0	5.08	4.6	SR13	10/6/2019 12:10	29.53	75.8	5.47	3.3	SR13	10/6/2019 18:10	29.38	76.9	5.56	2.5
SR13	10/6/2019 0:15	30.19	74.8	5.34	3.7	SR13	10/6/2019 6:15	29.89	71.1	5.14	3.3	SR13	10/6/2019 12:15	29.56	76.7	5.49	3.9	SR13	10/6/2019 18:15	29.40	78.5	5.68	4.0
SR13	10/6/2019 0:20	30.25	74.5	5.32	4.0	SR13	10/6/2019 6:20	29.88	70.1	5.09	3.7	SR13	10/6/2019 12:20	29.51	77.3	5.57	4.0	SR13	10/6/2019 18:20	29.40	77.8	5.59	2.8
SR13	10/6/2019 0:25	30.25	75.5	5.42	4.3	SR13	10/6/2019 6:25	29.88	70.2	5.10	3.3	SR13	10/6/2019 12:25	29.51	77.0	5.53	3.6	SR13	10/6/2019 18:25	29.43	75.4	5.49	3.7
SR13	10/6/2019 0:30	30.26	75.7	5.44	3.3	SR13	10/6/2019 6:30	29.87	71.9	5.21	4.3	SR13	10/6/2019 12:30	29.50	76.3	5.49	4.1	SR13	10/6/2019 18:30	29.42	78.0	5.62	4.1
SR13	10/6/2019 0:35	30.27	75.2	5.39	3.9	SR13	10/6/2019 6:35	29.87	70.2	5.10	3.3	SR13	10/6/2019 12:35	29.48	76.9	5.52	3.4	SR13	10/6/2019 18:35	29.41	76.7	5.57	3.3
SR13	10/6/2019 0:40	30.31	74.8	5.35	3.9	SR13	10/6/2019 6:40	29.87	71.9	5.19	4.0	SR13	10/6/2019 12:40	29.52	76.6	5.51	4.0	SR13	10/6/2019 18:40	29.35	80.4	5.79	3.5
SR13	10/6/2019 0:45	30.28	75.1	5.40	3.2	SR13	10/6/2019 6:45	29.86	72.1	5.20	4.1	SR13	10/6/2019 12:45	29.53	76.4	5.50	4.2	SR13	10/6/2019 18:45	29.34	78.8	5.70	3.2
SR13	10/6/2019 0:50	30.30	74.2	5.33	3.7	SR13	10/6/2019 6:50	29.83	68.8	4.99	4.0	SR13	10/6/2019 12:50	29.52	77.2	5.55	2.9	SR13	10/6/2019 18:50	29.34	76.7	5.56	3.7
SR13	10/6/2019 0:55	30.31	74.3	5.34	3.5	SR13	10/6/2019 6:55	29.82	69.8	5.07	4.1	SR13	10/6/2019 12:55	29.55	76.4	5.49	3.2	SR13	10/6/2019 18:55	29.33	78.3	5.66	6.3
SR13	10/6/2019 1:00	30.34	74.6	5.36	3.4	SR13	10/6/2019 7:00	29.80	70.9	5.13	3.8	SR13	10/6/2019 13:00	29.54	77.0	5.53	4.0	SR13	10/6/2019 19:00	29.28	78.6	5.69	3.2
SR13	10/6/2019 1:05	30.30	73.4	5.30	4.2	SR13	10/6/2019 7:05	29.80	71.1	5.17	4.1	SR13	10/6/2019 13:05	29.54	76.7	5.51	3.2	SR13	10/6/2019 19:05	29.29	77.6	5.64	3.1
SR13	10/6/2019 1:10	30.27	74.5	5.37	3.7	SR13	10/6/2019 7:10	29.84	69.8	5.06	3.9	SR13	10/6/2019 13:10	29.51	74.1	5.32	3.8	SR13	10/6/2019 19:10	29.29	77.9	5.60	3.9
SR13	10/6/2019 1:15	30.27	73.9	5.33	3.5	SR13	10/6/2019 7:15	29.84	69.8	5.07	4.3	SR13	10/6/2019 13:15	29.54	73.7	5.31	3.6	SR13	10/6/2019 19:15	29.34	77.9	5.62	3.2
SR13	10/6/2019 1:20	30.23	74.2	5.32	3.2	SR13	10/6/2019 7:20	29.83	70.3	5.10	3.4	SR13	10/6/2019 13:20	29.53	73.4	5.28	3.6	SR13	10/6/2019 19:20	29.36	76.9	5.56	3.4
SR13	10/6/2019 1:25	30.17	73.6	5.28	3.4	SR13	10/6/2019 7:25	29.82	73.1	5.28	3.8	SR13	10/6/2019 13:25	29.53	73.0	5.26	3.9	SR13	10/6/2019 19:25	29.33	76.8	5.54	2.5
SR13	10/6/2019 1:30	30.18	75.4	5.40	3.5	SR13	10/6/2019 7:30	29.80	72.5	5.21	4.8	SR13	10/6/2019 13:30	29.51	74.4	5.36	4.1	SR13	10/6/2019 19:30	29.32	78.0	5.62	3.8
SR13	10/6/2019 1:35	30.20	74.6	5.36	3.3	SR13	10/6/2019 7:35	29.79	73.5	5.28	3.6	SR13	10/6/2019 13:35	29.53	73.9	5.33	3.0	SR13	10/6/2019 19:35	29.35	77.4	5.62	3.0
SR13	10/6/2019 1:40	30.18	74.5	5.35	3.6	SR13	10/6/2019 7:40	29.79	73.0	5.24	4.0	SR13	10/6/2019 13:40	29.52	72.3	5.24	3.4	SR13	10/6/2019 19:40	29.33	76.4	5.52	3.2
SR13	10/6/2019 1:45	30.13	73.7	5.30	3.3	SR13	10/6/2019 7:45	29.82	72.7	5.24	3.9	SR13	10/6/2019 13:45	29.51	71.9	5.21	4.2	SR13	10/6/2019 19:45	29.36	77.1	5.58	3.2
SR13	10/6/2019 1:50	30.19	73.4	5.27	3.7	SR13	10/6/2019 7:50	29.78	71.3	5.16	4.6	SR13	10/6/2019 13:50	29.51	70.4	5.13	3.7	SR13	10/6/2019 19:50	29.29	77.9	5.65	4.1
SR13	10/6/2019 1:55	30.22	73.5	5.29	4.1	SR13	10/6/2019 7:55	29.79	69.4	5.03	3.2	SR13	10/6/2019 13:55	29.54	71.0	5.17	4.2	SR13	10/6/2019 19:55	29.34	77.6	5.59	2.8
SR13	10/6/2019 2:00	30.25	73.7	5.31	3.1	SR13	10/6/2019 8:00	29.83	72.1	5.23	4.5	SR13	10/6/2019 14:00	29.53	71.4	5.18	4.8	SR13	10/6/2019 20:00	29.34	78.4	5.66	3.5
SR13	10/6/2019 2:05	30.23	72.8	5.25	3.5	SR13	10/6/2019 8:05	29.85	73.8	5.33	3.3	SR13	10/6/2019 14:05	29.48	68.6	5.01	3.8	SR13	10/6/2019 20:05	29.36	78.5	5.66	3.5
SR13	10/6/2019 2:10	30.24	73.3	5.25	4.3	SR13	10/6/2019 8:10	29.88	72.3	5.23	4.4	SR13	10/6/2019 14:10	29.49	68.5	4.95	4.3	SR13	10/6/2019 20:10	29.29	78.2	5.65	4.6
SR13	10/6/2019 2:15	30.22	72.7	5.25	3.6	SR13	10/6/2019 8:15	29.88	69.9	5.07	3.5	SR13	10/6/2019 14:15	29.50	69.1	5.00	3.5	SR13	10/6/2019 20:15	29.37	77.7	5.61	3.1
SR13	10/6/2019 2:20	30.22	74.0	5.29	3.9	SR13	10/6/2019 8:20	29.85	70.7	5.14	4.9	SR13	10/6/2019 14:20	29.51	70.9	5.16	4.3	SR13	10/6/2019 20:20	29.38	78.0	5.65	3.0
SR13	10/6/2019 2:25	30.16	74.4	5.35	3.7	SR13	10/6/2019 8:25	29.85	71.1	5.14	4.5	SR13	10/6/2019 14:25	29.49	72.0	5.19	3.7	SR13	10/6/2019 20:25	29.37	78.6	5.70	3.4
SR13	10/6/2019 2:30	30.10	74.5	5.35	3.8	SR13	10/6/2019 8:30	29.84	69.5	5.04	3.4	SR13	10/6/2019 14:30	29.51	73.1	5.29	4.2	SR13	10/6/2019 20:30	29.35	78.1	5.64	4.1
SR13	10/6/2019 2:35	30.10	73.8	5.32	3.7	SR13	10/6/2019 8:35	29.81	73.6	5.31	3.9	SR13	10/6/2019 14:35	29.51	72.6	5.22	3.8	SR13	10/6/2019 20:35	29.38	77.5	5.61	4.4
SR13	10/6/2019 2:40	30.11	71.9	5.18	3.6	SR13	10/6/2019 8:40	29.78	72.6	5.25	4.0	SR13	10/6/2019 14:40	29.52	71.6	5.18	3.8	SR13	10/6/2019 20:40	29.32	76.3	5.50	4.1
SR13	10/6/2019 2:45	30.10	71.7	5.17	3.0	SR13	10/6/2019 8:45	29.73	75.4	5.43	4.5	SR13	10/6/2019 14:45	29.47	74.8	5.38	4.0	SR13	10/6/2019 20:45	29.38	78.2	5.66	3.3
SR13	10/6/2019 2:50	30.06	71.5	5.15	3.9	SR13	10/6/2019 8:50	29.73	75.3	5.44	5.1	SR13	10/6/2019 14:50	29.45	72.7	5.27	4.0	SR13	10/6/2019 20:50	29.40	77.8	5.61	2.9
SR13	10/6/2019 2:55	30.09	73.3	5.28	3.9	SR13	10/6/2019 8:55	29.71	74.7	5.41	4.2	SR13	10/6/2019 14:55	29.44	74.9	5.39	3.8	SR13	10/6/2019 20:55	29.30	77.9	5.63	3.7
SR13	10/6/2019 3:00	30.09	72.1	5.20	4.1	SR13	10/6/2019 9:00	29.69	76.1	5.49	5.0	SR13	10/6/2019 15:00	29.44	73.2	5.29	3.5	SR13	10/6/2019 21:00	29.23	78.8	5.69	3.2
SR13	10/6/2019 3:05	30.09	74.6	5.38	3.5	SR13	10/6/2019 9:05	29.68	75.1	5.43	4.5	SR13	10/6/2019 15:05	29.43	73.9	5.32	3.3	SR13	10/6/2019 21:05	29.36	77.2	5.57	2.8
SR13	10/6/2019 3:10	30.09	71.2	5.14	3.5	SR13	10/6/2019 9:10	29.68	75.6	5.46	3.9	SR13	10/6/2019 15:10	29.39	70.2	5.07	3.7	SR13	10/6/2019 21:10	29.32	76.3	5.49	3.6
SR13	10/6/2019 3:15	30.04	76.3	5.46	4.5	SR13	10/6/2019 9:15	29.66	74.3	5.35	3.7	SR13	10/6/2019 15:15	29.40	73.3	5.30	3.8	SR13	10/6/2019 21:15	29.25	75.5	5.45	2.7
SR13	10/6/2019 3:20	30.04	75.2	5.41	3.5	SR13	10/6/2019 9:20	29.63	74.3	5.39	4.0	SR13	10/6/2019 15:20	29.41	73.0	5.28	4.0	SR13	10/6/2019 21:20	29.29	77.9	5.59	3.5
SR13	10/6/2019 3:25	30.02	73.6	5.29	3.4	SR13	10/6/2019 9:25	29.62	76.0	5.46	4.4	SR13	10/6/2019 15:25	29.42	72.9	5.28	3.1	SR13	10/6/2019 21:25	29.34	77.3	5.57	3.1
SR13	10/6/2019 3:30	29.99	71.9	5.18	4.1	SR13	10/6/2019 9:30	29.65	75.3	5.45	4.3	SR13	10/6/2019 15:30	29.45	75.0	5.44	3.7	SR13	10/6/2019 21:30	29.30	78.6	5.66	2.8
SR13	10/6/2019 3:35	30.02	71.9	5.22	3.6	SR13	10/6/2019 9:35	29.64	76.5	5.49	4.4	SR13	10/6/2019 15:35	29.46	76.0	5.45	3.7	SR13	10/6/2019 21:35	29.34	79.4	5.74	3.1
SR13	10/6/2019 3:40	30.01	73.3	5.30	3.1	SR13	10/6/2019 9:40	29.64	74.4	5.38	3.6	SR13	10/6/2019 15:40	29.44	74.5	5.39	2.9	SR13	10/6/2019 21:40	29.37	79.3	5.73	3.8
SR13	10/6/2019 3:45	30.02	73.0	5.27	3.4	SR13	10/6/2019 9:45	29.64	74.2	5.37	3.6	SR13	10/6/2019 15:45	29.45	73.0	5.30	3.8	SR13	10/6/2019 21:45	29.32	78.7	5.69	2.0
SR13	10/6/2019 3:50	30.01	71.5	5.19	3.5	SR13	10/6/2019 9:50	29.63	74.4	5.39	4.2	SR13	10/6/2019 15:50	29.45	72.4	5.28	3.3	SR13	10/6/2019 21:50	29.36	77.8	5.63	3.1
SR13	10/6/2019 3:55	29.98	67.5	4.91	3.9	SR13	10/6/2019 9:55	29.63	75.3	5.42	3.6	SR13	10/6/2019 15:55	29.45	71.7	5.22	3.5	SR13	10/6/2019 21:55	29.31	77.9	5.61	3.0
SR13	10/6/2019 4:00	29.98	70.1	5.10	3.5	SR13	10/6/2019 10:00	29.64	76.0	5.47	3.7	SR13	10/6/2019 16:00	29.45	72.5	5.26	3.3	SR13	10/6/2019 22:00	29.34	77.2	5.57	3.4
SR13	10/6/2019 4:05	29.98	70.4	5.11	4.6	SR13	10/6/2019 10:05	29.64	76.2	5.45	4.3	SR13	10/6/2019 16:05	29.38	71.9	5.24	3.8	SR13	10/6/2019 22:05	29.36	77.4	5.57	3.4
SR13	10/6/2019 4:10	29.96	71.9	5.21	4.1	SR13	10/6/2019 10:10	29.64	76.8	5.51	3.9	SR13	10/6/2019 16:10	29.41	72.6	5.25	3.3	SR13	10/6/2019 22:10	29.36	79.0	5.69	4.0
SR13	10/6/2019 4:15	29.96	70.6	5.11	3.8	SR13	10/6/2019 10:15	29.64	76.8	5.49	5.2	SR13	10/6/2019 16:15	29.40	74.4	5.40	3.2	SR13	10/6/2019 22:15	29.34	77.8	5.61	3.9
SR13	10/6/2019 4:20	29.99	70.6	5.12	4.5	SR13	10/6/2019 10:20	29.64	76.0	5.49	3.8	SR13	10/6/2019 16:20	29.39	73.7	5.35	3.4	SR13	10/6/2019 22:20	29.33	77.1	5.54	3.2
SR13	10/6/2019 4:25	29.96	71.1	5.15	3.8	SR13	10/6/2019 10:25	29.65	75.8	5.45	4.0	SR13	10/6/2019 16:25	29.39	76.1	5.52	2.5	SR13	10/6/2019 22:25	29.34	78.6	5.65	3.4
SR13	10/6/2019 4:30	29.98	73.7	5.32	3.8	SR13	10/6/2019 10:30	29.64	76.1	5.49	4.6	SR13	10/6/2019 16:30	29.39	74.6	5.40	2.6	SR13	10/6/2019 22:30	29.24	78.0	5.64	3.0
SR13	10/6/2019 4:35	29.96	73.0	5.31	4.0	SR13	10/6/2019 10:35	29.64	77.6	5.56	4.2	SR13	10/6/2019 16:35	29.42	74.7	5.42	4.0	SR13	10/6/2019 22:35	29.11	76.5	5.50	4.0
SR13	10/6/2019 4:40	29.92	72.3	5.20	4.1	SR13	10/6/2019 10:40	29.64	77.3	5.56	4.6	SR13	10/6/2019 16:40	29.41	75.8	5.46	3.0	SR13	10/6/2019 22:40	29.33	78.3	5.63	3.5
SR13	10/6/2019 4:45	29.91	71.5	5.15	3.7	SR13	10/6/2019 10:45	29.66	75.5	5.45	3.9	SR13	10/6/2019 16:45	29.31	73.1	5.32	2.8	SR13	10/6/2019 22:45	29.34	77.5	5.57	2.7
SR13	10/6/2019 4:50	29.88	74.7	5.36	3.9	SR13	10/6/2019 10:50	29.65	75.7	5.47	4.1	SR13	10/6/2019 16:50	29.36	75.9	5.49	3.1	SR13	10/6/2019 22:50	29.35	77.8	5.59	3.7
SR13	10/6/2019 4:55	29.90	72.4	5.22	3.8	SR13	10/6/2019 10:55	29.64	76.3	5.50	4.5	SR13	10/6/2019 16:55	29.41	75.6	5.45	3.4	SR13	10/6/2019 22:55	29.35	77.6	5.57	3.7
SR13	10/6/2019 5:00	29.90	73.7	5.31	3.2	SR13	10/6/2019 11:00	29.61	76.5	5.52	4.2	SR13	10/6/2019 17:00	29.39	75.6	5.49	4.0	SR13	10/6/2019 23:00	29.34	76.8	5.55	3.5
SR13	10/6/2019 5:05	29.91	72.9	5.26	4.1	SR13	10/6/2019 11:05	29.62	77.7	5.57	4.3	SR13	10/6/2019 17:05	29.37	77.1	5.57	3.3	SR13	10/6/2019 23:05	29.28	73.5	5.31	3.2
SR13	10/6/2019 5:10	29.92	72.1	5.24	3.8	SR13	10/6/2019 11:10	29.63	74.9	5.39	4.3	SR13	10/6/2019 17:10	29.36	76.9	5.57	3.7	SR13	10/6/2019 23:10	29.30	72.7	5.27	3.8
SR13	10/6/2019 5:15	29.92	71.0	5.13	4.1	SR13	10/6/2019 11:15	29.59	74.9	5.37	4.3	SR13	10/6/2019 17:15	29.36	76.6	5.55	2.8	SR13	10/6/2019 23:15	29.28	73.9	5.33	3.0
SR13	10/6/2019 5:20	29.93	72.3	5.24	3.3	SR13	10/6/2019 11:20	29.61	75.7	5.43	3.7	SR13	10/6/2019 17:20	29.37	78.0	5.61	3.4	SR13	10/6/2019 23:20	29.33	75.0	5.42	3.5
SR13	10/6/2019 5:25	29.92	72.8	5.24	4.2	SR13	10/6/2019 11:25	29.61	75.3	5.39	4.1	SR13	10/6/2019 17:25	29.38	77.6	5.59	4.2	SR13	10/6/2019 23:25	29.35	77.8	5.59	3.8
SR13	10/6/2019 5:30	29.93	73.3	5.31	3.8	SR13	10/6/2019 11:30	29.58	75.3	5.41	3.7	SR13	10/6/2019 17:30	29.34	77.2	5.58	3.3	SR13	10/6/2019 23:30	29.36	76.6	5.54	3.8
SR13	10/6/2019 5:35	29.92	73.1	5.31	3.7	SR13	10/6/2019 11:35	29.57	75.4	5.42	4.2	SR13	10/6/2019 17:35	29.40	76.9	5.54	4.0	SR13	10/6/2019 23:35	29.34	75.9	5.50	3.2
SR13	10/6/2019 5:40	29.94	72.5	5.21	4.4	SR13	10/6/2019 11:40	29.59	76.2	5.48	3.1	SR13	10/6/2019 17:40	29.36	77.5	5.60	3.5	SR13	10/6/2019 23:40	29.32	76.8	5.56	3.3
SR13	10/6/2019 5:45	29.92	72.6	5.26	3.9	SR13	10/6/2019 11:45	29.62	75.9	5.45	4.1	SR13	10/6/2019 17:45	29.39	77.8	5.61	4.1	SR13	10/6/2019 23:45	29.31	73.5	5.33	3.3
SR13	10/6/2019 5:50	29.91	71.6	5.20	4.0	SR13	10/6/2019 11:50	29.59	75.9	5.45	4.3	SR13	10/6/2019 17:50	29.37	78.7	5.64	4.1	SR13	10/6/2019 23:50	29.17	75.9	5.51	3.5
SR13	10/6/2019 5:55	29.91	72.4	5.24	3.6	SR13	10/6/2019 11:55	29.58	76.9	5.53	3.8	SR13	10/6/2019 17:55	29.37	79.0	5.67	3.4	SR13	10/6/2019 23:55	29.16	76.3	5.56	5.0

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	10/6/2019 0:17	0.23				SR12	10/6/2019 0:17	0.18			
SR4	10/6/2019 0:37	0.23				SR12	10/6/2019 0:37	0.18			
SR4	10/6/2019 0:57	0.23				SR12	10/6/2019 0:57	0.19			
SR4	10/6/2019 1:17	0.22				SR12	10/6/2019 1:17	0.17			
SR4	10/6/2019 1:37	0.20				SR12	10/6/2019 1:37	0.16			
SR4	10/6/2019 1:57	0.20				SR12	10/6/2019 1:57	0.16			
SR4	10/6/2019 2:17	0.21				SR12	10/6/2019 2:17	0.16			
SR4	10/6/2019 2:37	0.23				SR12	10/6/2019 2:37	0.17			
SR4	10/6/2019 2:57	0.21				SR12	10/6/2019 2:57	0.16			
SR4	10/6/2019 3:17	0.22				SR12	10/6/2019 3:17	0.15			
SR4	10/6/2019 3:37	0.20				SR12	10/6/2019 3:37	0.15			
SR4	10/6/2019 3:57	0.23				SR12	10/6/2019 3:57	0.15			
SR4	10/6/2019 4:17	0.21				SR12	10/6/2019 4:17	0.17			
SR4	10/6/2019 4:37	0.23				SR12	10/6/2019 4:37	0.17			
SR4	10/6/2019 4:57	0.22				SR12	10/6/2019 4:57	0.15			
SR4	10/6/2019 5:17	0.21				SR12	10/6/2019 5:17	0.15			
SR4	10/6/2019 5:37	0.21				SR12	10/6/2019 5:37	0.17			
SR4	10/6/2019 5:57	0.20				SR12	10/6/2019 5:57	0.17			
SR4						SR12					
SR4	10/6/2019 6:37	0.20				SR12	10/6/2019 6:37	0.17			
SR4	10/6/2019 6:57	0.20				SR12	10/6/2019 6:57	0.17			
SR4	10/6/2019 7:17	0.19				SR12	10/6/2019 7:17	0.17			
SR4	10/6/2019 7:37	0.20				SR12	10/6/2019 7:37	0.17			
SR4	10/6/2019 7:57	0.19				SR12	10/6/2019 7:57	0.15			
SR4	10/6/2019 8:17	0.19				SR12	10/6/2019 8:17	0.17			
SR4	10/6/2019 8:37	0.20				SR12	10/6/2019 8:37	0.17			
SR4	10/6/2019 8:57	0.20				SR12	10/6/2019 8:57	0.16			
SR4	10/6/2019 9:17	0.19				SR12	10/6/2019 9:17	0.15			
SR4	10/6/2019 9:37	0.19				SR12	10/6/2019 9:37	0.15			
SR4	10/6/2019 9:57	0.20				SR12	10/6/2019 9:57	0.14			
SR4	10/6/2019 10:17	0.19				SR12	10/6/2019 10:17	0.15			
SR4	10/6/2019 10:37	0.20				SR12	10/6/2019 10:37	0.13			
SR4	10/6/2019 10:57	0.19				SR12	10/6/2019 10:57	0.14			
SR4	10/6/2019 11:17	0.18				SR12	10/6/2019 11:17	0.15			
SR4	10/6/2019 11:37	0.18				SR12	10/6/2019 11:37	0.15			
SR4	10/6/2019 11:57	0.18				SR12	10/6/2019 11:57	0.13			
SR4	10/6/2019 12:17	0.19				SR12	10/6/2019 12:17	0.13			
SR4	10/6/2019 12:37	0.20				SR12	10/6/2019 12:37	0.13			
SR4	10/6/2019 12:57	0.19				SR12	10/6/2019 12:57	0.13			
SR4	10/6/2019 13:17	0.19				SR12	10/6/2019 13:17	0.15			
SR4	10/6/2019 13:37	0.19				SR12	10/6/2019 13:37	0.13			
SR4	10/6/2019 13:57	0.19				SR12	10/6/2019 13:57	0.14			
SR4	10/6/2019 14:17	0.20				SR12	10/6/2019 14:17	0.15			
SR4	10/6/2019 14:37	0.19				SR12	10/6/2019 14:37	0.14			
SR4	10/6/2019 14:57	0.18				SR12	10/6/2019 14:57	0.14			
SR4	10/6/2019 15:17	0.18				SR12	10/6/2019 15:17	0.15			
SR4	10/6/2019 15:37	0.19				SR12	10/6/2019 15:37	0.14			
SR4	10/6/2019 15:57	0.19				SR12	10/6/2019 15:57	0.14			
SR4	10/6/2019 16:17	0.20				SR12	10/6/2019 16:17	0.15			
SR4	10/6/2019 16:37	0.19				SR12	10/6/2019 16:37	0.15			
SR4	10/6/2019 16:57	0.18				SR12	10/6/2019 16:57	0.15			
SR4	10/6/2019 17:17	0.18				SR12	10/6/2019 17:17	0.13			
SR4	10/6/2019 17:37	0.16				SR12	10/6/2019 17:37	0.13			
SR4	10/6/2019 17:57	0.17				SR12	10/6/2019 17:57	0.12			
SR4	10/6/2019 18:17	0.19				SR12	10/6/2019 18:17	0.12			
SR4	10/6/2019 18:37	0.17				SR12	10/6/2019 18:37	0.11			
SR4	10/6/2019 18:57	0.16				SR12	10/6/2019 18:57	0.10			
SR4	10/6/2019 19:17	0.16				SR12	10/6/2019 19:17	0.13			
SR4	10/6/2019 19:37	0.17				SR12	10/6/2019 19:37	0.11			
SR4	10/6/2019 19:57	0.18				SR12	10/6/2019 19:57	0.13			
SR4	10/6/2019 20:17	0.16				SR12	10/6/2019 20:17	0.12			
SR4	10/6/2019 20:37	0.19				SR12	10/6/2019 20:37	0.11			
SR4	10/6/2019 20:57	0.19				SR12	10/6/2019 20:57	0.11			
SR4	10/6/2019 21:17	0.16				SR12	10/6/2019 21:17	0.12			
SR4	10/6/2019 21:37	0.19				SR12	10/6/2019 21:37	0.11			
SR4	10/6/2019 21:57	0.19				SR12	10/6/2019 21:57	0.13			
SR4	10/6/2019 22:17	0.18				SR12	10/6/2019 22:17	0.12			
SR4	10/6/2019 22:37	0.16				SR12	10/6/2019 22:37	0.10			
SR4	10/6/2019 22:57	0.17				SR12	10/6/2019 22:57	0.11			
SR4	10/6/2019 23:17	0.17				SR12	10/6/2019 23:17	0.10			
SR4	10/6/2019 23:37	0.16				SR12	10/6/2019 23:37	0.11			
SR4	10/6/2019 23:57	0.19				SR12	10/6/2019 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	10/7/2019 0:01	29.31	74.4	4.96	3.2	SR4	10/7/2019 6:01	29.37	68.9	4.50	1.1	SR4	10/7/2019 12:01	29.06	79.2	5.23	1.9	SR4	10/7/2019 18:01	29.11	79.6	5.27	**13.2**
SR4	10/7/2019 0:06	29.30	75.7	4.97	1.2	SR4	10/7/2019 6:06	29.37	67.8	4.46	2.8	SR4	10/7/2019 12:06	29.10	78.5	5.17	2.5	SR4	10/7/2019 18:06	29.21	87.4	5.73	3.4
SR4	10/7/2019 0:11	29.29	73.5	4.82	2.0	SR4	10/7/2019 6:11	29.37	67.6	4.48	3.5	SR4	10/7/2019 12:11	29.12	79.0	5.21	2.0	SR4	10/7/2019 18:11	29.14	80.9	5.36	1.5
SR4	10/7/2019 0:16	29.18	67.0	4.38	1.1	SR4	10/7/2019 6:16	29.35	64.4	4.24	1.0	SR4	10/7/2019 12:16	29.09	80.0	5.27	1.9	SR4	10/7/2019 18:16	29.13	80.3	5.39	1.5
SR4	10/7/2019 0:21	29.29	70.6	4.69	1.0	SR4	10/7/2019 6:21	29.25	65.1	4.33	1.3	SR4	10/7/2019 12:21	29.12	81.1	5.35	2.4	SR4	10/7/2019 18:21	29.19	83.2	5.43	1.6
SR4	10/7/2019 0:26	29.30	70.6	4.62	2.0	SR4	10/7/2019 6:26	29.32	69.3	4.60	2.4	SR4	10/7/2019 12:26	29.11	80.7	5.33	1.9	SR4	10/7/2019 18:26	29.16	78.8	5.23	1.4
SR4	10/7/2019 0:31	29.25	71.5	4.70	3.0	SR4	10/7/2019 6:31	29.36	65.2	4.30	1.2	SR4	10/7/2019 12:31	29.15	78.8	5.20	1.9	SR4	10/7/2019 18:31	29.17	78.9	5.21	1.2
SR4	10/7/2019 0:36	29.35	71.1	4.72	1.2	SR4	10/7/2019 6:36	29.35	66.2	4.40	1.0	SR4	10/7/2019 12:36	29.15	81.0	5.34	2.1	SR4	10/7/2019 18:36	29.14	72.9	4.86	1.2
SR4	10/7/2019 0:41	29.36	75.3	4.96	1.3	SR4	10/7/2019 6:41	29.36	71.7	4.80	1.8	SR4	10/7/2019 12:41	29.23	81.6	5.38	2.1	SR4	10/7/2019 18:41	29.12	71.8	4.80	1.4
SR4	10/7/2019 0:46	29.36	67.6	4.52	1.4	SR4	10/7/2019 6:46	29.13	64.5	4.32	1.0	SR4	10/7/2019 12:46	29.22	80.8	5.32	1.8	SR4	10/7/2019 18:46	29.17	78.6	5.15	1.8
SR4	10/7/2019 0:51	29.30	73.4	4.93	1.4	SR4	10/7/2019 6:51	29.33	69.1	4.59	1.0	SR4	10/7/2019 12:51	29.38	80.8	5.31	1.6	SR4	10/7/2019 18:51	29.16	79.4	5.29	2.0
SR4	10/7/2019 0:56	29.39	73.5	4.86	2.1	SR4	10/7/2019 6:56	29.33	69.3	4.58	1.1	SR4	10/7/2019 12:56	29.37	79.6	5.23	3.0	SR4	10/7/2019 18:56	29.17	79.7	5.32	1.9
SR4	10/7/2019 1:01	29.37	72.7	4.80	1.3	SR4	10/7/2019 7:01	29.35	70.8	4.73	1.4	SR4	10/7/2019 13:01	29.34	77.9	5.13	1.6	SR4	10/7/2019 19:01	29.04	74.4	4.96	2.6
SR4	10/7/2019 1:06	29.37	75.1	4.91	1.4	SR4	10/7/2019 7:06	29.35	69.2	4.59	2.9	SR4	10/7/2019 13:06	29.38	80.1	5.27	1.9	SR4	10/7/2019 19:06	29.15	82.4	5.39	1.9
SR4	10/7/2019 1:11	29.37	72.7	4.84	1.5	SR4	10/7/2019 7:11	29.34	68.6	4.52	1.7	SR4	10/7/2019 13:11	29.36	77.7	5.10	1.6	SR4	10/7/2019 19:11	29.16	82.4	5.40	1.2
SR4	10/7/2019 1:16	29.38	72.8	4.81	1.2	SR4	10/7/2019 7:16	29.29	68.2	4.49	1.1	SR4	10/7/2019 13:16	29.33	78.3	5.15	1.7	SR4	10/7/2019 19:16	29.00	79.1	5.25	1.5
SR4	10/7/2019 1:21	29.35	74.6	4.87	1.7	SR4	10/7/2019 7:21	29.34	68.3	4.55	1.2	SR4	10/7/2019 13:21	29.29	75.7	5.08	2.4	SR4	10/7/2019 19:21	29.11	77.7	5.15	1.5
SR4	10/7/2019 1:26	29.38	76.7	5.15	1.7	SR4	10/7/2019 7:26	29.32	70.7	4.62	1.1	SR4	10/7/2019 13:26	29.34	72.2	4.83	2.6	SR4	10/7/2019 19:26	28.93	75.6	4.95	1.1
SR4	10/7/2019 1:31	29.38	71.0	4.71	2.9	SR4	10/7/2019 7:31	29.31	68.8	4.54	1.1	SR4	10/7/2019 13:31	29.33	74.1	4.86	2.4	SR4	10/7/2019 19:31	28.81	75.8	5.01	1.0
SR4	10/7/2019 1:36	29.38	73.2	4.82	1.8	SR4	10/7/2019 7:36	29.32	65.3	4.39	1.2	SR4	10/7/2019 13:36	29.35	74.8	4.95	2.4	SR4	10/7/2019 19:36	29.12	78.0	5.20	1.1
SR4	10/7/2019 1:41	29.36	74.9	4.99	1.3	SR4	10/7/2019 7:41	29.28	70.4	4.70	2.1	SR4	10/7/2019 13:41	29.36	80.6	5.36	1.8	SR4	10/7/2019 19:41	29.04	76.5	5.03	0.9
SR4	10/7/2019 1:46	29.32	72.4	4.85	1.2	SR4	10/7/2019 7:46	29.23	69.8	4.64	1.2	SR4	10/7/2019 13:46	29.47	70.6	4.68	2.7	SR4	10/7/2019 19:46	28.96	72.1	4.75	2.7
SR4	10/7/2019 1:51	29.35	69.6	4.68	1.4	SR4	10/7/2019 7:51	29.10	66.6	4.40	1.2	SR4	10/7/2019 13:51	29.55	74.3	4.98	1.5	SR4	10/7/2019 19:51	29.11	79.6	5.30	1.4
SR4	10/7/2019 1:56	29.37	72.4	4.73	1.0	SR4	10/7/2019 7:56	29.13	69.6	4.55	1.5	SR4	10/7/2019 13:56	29.52	77.0	5.08	2.1	SR4	10/7/2019 19:56	28.91	78.7	5.15	2.6
SR4	10/7/2019 2:01	29.27	72.5	4.79	0.9	SR4	10/7/2019 8:01	29.22	64.4	4.21	0.9	SR4	10/7/2019 14:01	29.49	74.9	4.96	1.6	SR4	10/7/2019 20:01	29.09	78.9	5.19	1.3
SR4	10/7/2019 2:06	29.35	69.9	4.66	2.1	SR4	10/7/2019 8:06	29.21	70.0	4.69	1.5	SR4	10/7/2019 14:06	29.32	82.1	5.46	2.2	SR4	10/7/2019 20:06	29.03	77.1	5.09	1.3
SR4	10/7/2019 2:11	29.37	72.7	4.85	1.2	SR4	10/7/2019 8:11	29.23	73.4	4.82	2.3	SR4	10/7/2019 14:11	29.31	80.1	5.36	1.7	SR4	10/7/2019 20:11	29.09	73.4	4.92	1.8
SR4	10/7/2019 2:16	29.37	71.7	4.74	1.0	SR4	10/7/2019 8:16	29.30	73.2	4.81	2.3	SR4	10/7/2019 14:16	29.40	82.2	5.43	1.7	SR4	10/7/2019 20:16	29.07	80.4	5.25	1.2
SR4	10/7/2019 2:21	29.36	73.8	4.84	1.4	SR4	10/7/2019 8:21	29.27	70.5	4.71	1.7	SR4	10/7/2019 14:21	29.38	79.2	5.32	2.1	SR4	10/7/2019 20:21	29.12	79.7	5.27	1.2
SR4	10/7/2019 2:26	29.36	68.3	4.57	1.6	SR4	10/7/2019 8:26	29.29	69.7	4.63	1.9	SR4	10/7/2019 14:26	29.31	82.5	5.40	1.9	SR4	10/7/2019 20:26	29.11	79.1	5.24	1.4
SR4	10/7/2019 2:31	29.36	67.1	4.49	2.0	SR4	10/7/2019 8:31	29.29	70.3	4.66	2.1	SR4	10/7/2019 14:31	29.42	82.1	5.47	1.7	SR4	10/7/2019 20:31	29.11	79.9	5.23	1.4
SR4	10/7/2019 2:36	29.35	70.4	4.62	1.1	SR4	10/7/2019 8:36	29.29	69.6	4.63	2.2	SR4	10/7/2019 14:36	29.42	84.0	5.52	1.8	SR4	10/7/2019 20:36	29.10	82.7	5.45	3.9
SR4	10/7/2019 2:41	29.36	69.2	4.52	1.1	SR4	10/7/2019 8:41	29.28	71.8	4.75	2.1	SR4	10/7/2019 14:41	29.39	82.8	5.56	1.7	SR4	10/7/2019 20:41	29.08	79.7	5.29	1.0
SR4	10/7/2019 2:46	29.36	70.8	4.68	1.5	SR4	10/7/2019 8:46	29.28	69.9	4.69	2.2	SR4	10/7/2019 14:46	29.39	80.5	5.36	1.6	SR4	10/7/2019 20:46	29.04	75.5	4.95	1.0
SR4	10/7/2019 2:51	29.34	66.3	4.38	1.1	SR4	10/7/2019 8:51	29.25	71.6	4.70	2.3	SR4	10/7/2019 14:51	29.26	81.9	5.50	2.2	SR4	10/7/2019 20:51	29.04	78.7	5.24	1.9
SR4	10/7/2019 2:56	29.36	66.5	4.40	1.9	SR4	10/7/2019 8:56	29.27	72.5	4.82	3.0	SR4	10/7/2019 14:56	29.30	81.7	5.38	1.8	SR4	10/7/2019 20:56	29.05	76.3	5.06	1.5
SR4	10/7/2019 3:01	29.33	63.6	4.24	1.4	SR4	10/7/2019 9:01	29.14	74.3	4.86	1.9	SR4	10/7/2019 15:01	29.42	77.6	5.21	1.2	SR4	10/7/2019 21:01	28.97	73.8	4.85	2.0
SR4	10/7/2019 3:06	29.35	64.7	4.27	2.2	SR4	10/7/2019 9:06	29.19	71.8	4.81	2.6	SR4	10/7/2019 15:06	29.35	82.7	5.46	1.8	SR4	10/7/2019 21:06	29.04	75.1	4.95	2.7
SR4	10/7/2019 3:11	29.36	65.8	4.32	1.4	SR4	10/7/2019 9:11	29.22	75.3	5.04	2.3	SR4	10/7/2019 15:11	29.34	79.6	5.35	1.2	SR4	10/7/2019 21:11	28.96	75.5	4.99	1.6
SR4	10/7/2019 3:16	29.35	65.8	4.30	2.5	SR4	10/7/2019 9:16	29.24	74.7	4.99	3.1	SR4	10/7/2019 15:16	29.43	76.9	5.10	1.1	SR4	10/7/2019 21:16	29.10	82.4	5.45	1.0
SR4	10/7/2019 3:21	29.37	70.9	4.68	1.1	SR4	10/7/2019 9:21	29.00	73.5	4.88	1.1	SR4	10/7/2019 15:21	29.39	82.8	5.48	1.5	SR4	10/7/2019 21:21	29.11	86.2	5.67	1.5
SR4	10/7/2019 3:26	29.37	67.5	4.46	3.1	SR4	10/7/2019 9:26	29.21	70.5	4.66	2.1	SR4	10/7/2019 15:26	29.41	79.7	5.29	1.1	SR4	10/7/2019 21:26	29.09	82.1	5.39	0.9
SR4	10/7/2019 3:31	29.36	69.6	4.59	1.0	SR4	10/7/2019 9:31	29.24	73.2	4.79	5.4	SR4	10/7/2019 15:31	29.37	81.2	5.39	1.6	SR4	10/7/2019 21:31	29.13	85.1	5.64	1.4
SR4	10/7/2019 3:36	29.36	67.8	4.49	1.3	SR4	10/7/2019 9:36	29.25	76.9	5.06	2.4	SR4	10/7/2019 15:36	29.41	78.3	5.26	0.9	SR4	10/7/2019 21:36	29.14	87.7	5.80	1.3
SR4	10/7/2019 3:41	29.35	71.1	4.73	1.4	SR4	10/7/2019 9:41	29.25	78.3	5.24	3.0	SR4	10/7/2019 15:41	29.41	79.5	5.31	1.5	SR4	10/7/2019 21:41	29.11	85.4	5.67	1.3
SR4	10/7/2019 3:46	29.37	71.0	4.64	1.2	SR4	10/7/2019 9:46	29.26	78.3	5.23	2.8	SR4	10/7/2019 15:46	29.35	77.6	5.12	1.4	SR4	10/7/2019 21:46	29.13	83.2	5.48	1.0
SR4	10/7/2019 3:51	29.37	77.0	5.09	1.2	SR4	10/7/2019 9:51	29.24	77.8	5.08	3.3	SR4	10/7/2019 15:51	29.22	78.8	5.28	3.1	SR4	10/7/2019 21:51	29.13	81.2	5.41	2.9
SR4	10/7/2019 3:56	29.37	74.0	4.83	1.0	SR4	10/7/2019 9:56	29.09	72.1	4.80	1.2	SR4	10/7/2019 15:56	29.25	78.7	5.27	1.6	SR4	10/7/2019 21:56	29.13	81.3	5.41	0.9
SR4	10/7/2019 4:01	29.31	71.5	4.69	1.0	SR4	10/7/2019 10:01	29.18	74.3	4.92	1.3	SR4	10/7/2019 16:01	29.32	81.0	5.29	1.7	SR4	10/7/2019 22:01	29.10	82.3	5.37	1.0
SR4	10/7/2019 4:06	29.37	71.0	4.76	1.2	SR4	10/7/2019 10:06	29.25	78.6	5.13	2.7	SR4	10/7/2019 16:06	29.11	80.6	5.27	3.9	SR4	10/7/2019 22:06	29.13	81.7	5.41	1.4
SR4	10/7/2019 4:11	29.35	69.2	4.64	3.0	SR4	10/7/2019 10:11	29.17	79.7	5.21	1.2	SR4	10/7/2019 16:11	29.13	76.6	5.13	3.9	SR4	10/7/2019 22:11	29.13	80.4	5.34	2.7
SR4	10/7/2019 4:16	29.37	73.4	4.81	1.1	SR4	10/7/2019 10:16	29.26	79.6	5.20	1.6	SR4	10/7/2019 16:16	29.24	75.7	5.06	1.7	SR4	10/7/2019 22:16	29.13	82.6	5.40	1.1
SR4	10/7/2019 4:21	29.37	74.3	4.92	1.3	SR4	10/7/2019 10:21	29.31	77.9	5.15	1.6	SR4	10/7/2019 16:21	29.27	80.7	5.39	2.0	SR4	10/7/2019 22:21	29.14	78.0	5.24	0.9
SR4	10/7/2019 4:26	29.37	75.0	4.92	1.9	SR4	10/7/2019 10:26	29.30	74.3	4.98	1.5	SR4	10/7/2019 16:26	29.25	80.1	5.23	1.9	SR4	10/7/2019 22:26	29.11	82.5	5.39	1.1
SR4	10/7/2019 4:31	29.37	72.0	4.70	1.1	SR4	10/7/2019 10:31	29.31	82.2	5.47	3.2	SR4	10/7/2019 16:31	29.19	78.9	5.30	3.1	SR4	10/7/2019 22:31	29.15	85.3	5.65	1.5
SR4	10/7/2019 4:36	29.37	69.0	4.51	1.0	SR4	10/7/2019 10:36	29.33	83.3	5.48	1.8	SR4	10/7/2019 16:36	29.15	77.7	5.14	5.3	SR4	10/7/2019 22:36	29.15	82.3	5.51	2.9
SR4	10/7/2019 4:41	29.36	67.1	4.49	1.2	SR4	10/7/2019 10:41	29.33	82.8	5.43	2.1	SR4	10/7/2019 16:41	29.16	78.5	5.13	3.3	SR4	10/7/2019 22:41	29.15	81.6	5.46	1.0
SR4	10/7/2019 4:46	29.37	65.7	4.38	2.1	SR4	10/7/2019 10:46	29.38	78.6	5.28	1.3	SR4	10/7/2019 16:46	29.15	75.0	5.02	5.7	SR4	10/7/2019 22:46	29.15	81.7	5.43	1.3
SR4	10/7/2019 4:51	29.37	68.3	4.49	0.9	SR4	10/7/2019 10:51	29.37	79.2	5.32	4.1	SR4	10/7/2019 16:51	29.18	78.8	5.15	3.7	SR4	10/7/2019 22:51	29.15	80.2	5.32	2.4
SR4	10/7/2019 4:56	29.37	66.0	4.43	0.9	SR4	10/7/2019 10:56	29.42	70.2	4.66	1.4	SR4	10/7/2019 16:56	29.19	77.3	5.14	3.3	SR4	10/7/2019 22:56	29.16	80.5	5.34	1.2
SR4	10/7/2019 5:01	29.36	67.9	4.47	2.0	SR4	10/7/2019 11:01	29.45	71.0	4.73	1.8	SR4	10/7/2019 17:01	29.20	77.5	5.12	2.1	SR4	10/7/2019 23:01	29.16	82.0	5.43	0.9
SR4	10/7/2019 5:06	29.36	66.7	4.40	1.2	SR4	10/7/2019 11:06	29.42	74.4	4.93	2.6	SR4	10/7/2019 17:06	29.19	77.5	5.12	3.0	SR4	10/7/2019 23:06	29.15	82.6	5.39	1.0
SR4	10/7/2019 5:11	29.36	67.4	4.43	1.0	SR4	10/7/2019 11:11	29.42	76.6	5.15	2.6	SR4	10/7/2019 17:11	29.16	78.0	5.23	2.5	SR4	10/7/2019 23:11	29.15	78.4	5.20	2.1
SR4	10/7/2019 5:16	29.37	69.8	4.58	1.6	SR4	10/7/2019 11:16	29.45	74.6	5.01	2.1	SR4	10/7/2019 17:16	29.19	75.2	5.01	2.1	SR4	10/7/2019 23:16	29.14	81.5	5.40	3.0
SR4	10/7/2019 5:21	29.36	66.2	4.42	2.8	SR4	10/7/2019 11:21	29.47	74.1	4.92	1.7	SR4	10/7/2019 17:21	29.15	77.1	5.04	1.5	SR4	10/7/2019 23:21	29.13	79.7	5.35	0.9
SR4	10/7/2019 5:26	29.37	71.1	4.68	1.0	SR4	10/7/2019 11:26	29.47	80.6	5.28	1.8	SR4	10/7/2019 17:26	29.19	76.1	5.07	2.7	SR4	10/7/2019 23:26	29.16	73.2	4.80	1.0
SR4	10/7/2019 5:31	29.37	68.5	4.59	1.0	SR4	10/7/2019 11:31	29.51	75.7	5.01	4.2	SR4	10/7/2019 17:31	29.17	77.8	5.19	1.7	SR4	10/7/2019 23:31	29.16	77.6	5.15	1.9
SR4	10/7/2019 5:36	29.37	66.2	4.40	0.9	SR4	10/7/2019 11:36	29.40	78.9	5.30	2.0	SR4	10/7/2019 17:36	28.92	81.2	5.36	1.7	SR4	10/7/2019 23:36	29.16	73.9	4.94	1.3
SR4	10/7/2019 5:41	29.37	71.1	4.74	1.2	SR4	10/7/2019 11:41	29.11	76.5	5.04	1.5	SR4	10/7/2019 17:41	29.05	82.2	5.45	1.6	SR4	10/7/2019 23:41	29.17	75.1	5.01	1.6
SR4	10/7/2019 5:46	29.37	67.9	4.49	2.8	SR4	10/7/2019 11:46	29.08	79.1	5.22	1.9	SR4	10/7/2019 17:46	29.14	79.1	5.23	1.7	SR4	10/7/2019 23:46	29.16	75.7	4.99	0.9
SR4	10/7/2019 5:51	29.37	69.0	4.55	3.3	SR4	10/7/2019 11:51	29.15	75.1	4.94	2.0	SR4	10/7/2019 17:51	29.12	78.1	5.16	1.7	SR4	10/7/2019 23:51	29.16	78.0	5.10	1.4
SR4	10/7/2019 5:56	29.36	68.5	4.48	1.3	SR4	10/7/2019 11:56	29.11	77.6	5.12	2.0	SR4	10/7/2019 17:56	29.19	82.4	5.54	2.3	SR4	10/7/2019 23:56	29.17	78.5	5.16	1.6

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	10/7/2019 0:00	29.30	77.9	5.22	4.8	SR5	10/7/2019 6:00	29.07	76.1	5.31	6.1	SR5	10/7/2019 12:00	28.89	85.6	5.56	6.4	SR5	10/7/2019 18:00	29.20	73.4	5.34	6.7
SR5	10/7/2019 0:05	29.29	78.6	5.28	6.5	SR5	10/7/2019 6:05	29.07	78.0	5.45	4.7	SR5	10/7/2019 12:05	28.89	85.8	5.58	7.4	SR5	10/7/2019 18:05	29.20	74.0	5.38	6.1
SR5	10/7/2019 0:10	29.28	78.2	5.25	4.8	SR5	10/7/2019 6:10	29.04	77.7	5.43	5.4	SR5	10/7/2019 12:10	28.92	85.6	5.56	5.7	SR5	10/7/2019 18:10	29.20	71.7	5.21	6.4
SR5	10/7/2019 0:15	29.29	78.3	5.28	4.2	SR5	10/7/2019 6:15	29.06	77.9	5.44	5.8	SR5	10/7/2019 12:15	28.95	85.9	5.57	5.3	SR5	10/7/2019 18:15	29.20	75.0	5.45	5.8
SR5	10/7/2019 0:20	29.28	78.4	5.31	4.8	SR5	10/7/2019 6:20	28.98	77.5	5.41	5.3	SR5	10/7/2019 12:20	28.94	85.5	5.55	6.5	SR5	10/7/2019 18:20	29.20	72.0	5.23	6.3
SR5	10/7/2019 0:25	29.29	78.0	5.29	6.0	SR5	10/7/2019 6:25	29.01	76.3	5.32	3.6	SR5	10/7/2019 12:25	28.93	87.1	5.66	6.5	SR5	10/7/2019 18:25	29.20	73.3	5.32	6.5
SR5	10/7/2019 0:30	29.28	78.0	5.28	6.5	SR5	10/7/2019 6:30	28.94	77.5	5.40	5.0	SR5	10/7/2019 12:30	28.96	86.5	5.61	6.0	SR5	10/7/2019 18:30	29.20	72.6	5.28	6.6
SR5	10/7/2019 0:35	29.27	77.1	5.23	6.4	SR5	10/7/2019 6:35	28.87	78.3	5.46	5.8	SR5	10/7/2019 12:35	28.91	86.2	5.60	6.2	SR5	10/7/2019 18:35	29.20	73.5	5.34	7.6
SR5	10/7/2019 0:40	29.26	77.2	5.25	3.5	SR5	10/7/2019 6:40	28.87	80.8	5.66	6.3	SR5	10/7/2019 12:40	28.93	86.1	5.59	6.4	SR5	10/7/2019 18:40	29.20	73.6	5.13	7.1
SR5	10/7/2019 0:45	29.26	76.9	5.24	6.1	SR5	10/7/2019 6:45	28.93	78.3	5.48	5.0	SR5	10/7/2019 12:45	28.90	85.0	5.52	5.8	SR5	10/7/2019 18:45	29.20	75.1	5.24	6.6
SR5	10/7/2019 0:50	29.27	76.3	5.20	5.3	SR5	10/7/2019 6:50	28.95	79.6	5.57	6.8	SR5	10/7/2019 12:50	28.91	85.6	5.56	6.2	SR5	10/7/2019 18:50	29.20	75.8	5.29	6.8
SR5	10/7/2019 0:55	29.26	76.4	5.21	5.6	SR5	10/7/2019 6:55	28.94	79.5	5.56	6.2	SR5	10/7/2019 12:55	28.92	85.8	5.57	6.5	SR5	10/7/2019 18:55	29.20	74.1	5.15	6.6
SR5	10/7/2019 1:00	29.25	76.5	5.21	6.0	SR5	10/7/2019 7:00	28.95	76.9	5.37	6.6	SR5	10/7/2019 13:00	28.92	85.1	5.53	7.0	SR5	10/7/2019 19:00	29.20	75.8	5.29	7.0
SR5	10/7/2019 1:05	29.26	77.2	5.25	5.4	SR5	10/7/2019 7:05	28.82	79.0	5.52	5.0	SR5	10/7/2019 13:05	29.00	86.5	5.60	5.7	SR5	10/7/2019 19:05	29.20	75.2	5.24	6.5
SR5	10/7/2019 1:10	29.25	78.1	5.31	5.3	SR5	10/7/2019 7:10	28.71	82.0	5.28	5.7	SR5	10/7/2019 13:10	28.97	86.0	5.58	6.7	SR5	10/7/2019 19:10	29.20	76.2	5.31	5.5
SR5	10/7/2019 1:15	29.26	78.0	5.30	6.2	SR5	10/7/2019 7:15	28.74	82.0	5.28	4.8	SR5	10/7/2019 13:15	29.02	86.4	5.61	7.1	SR5	10/7/2019 19:15	29.20	75.3	5.25	6.8
SR5	10/7/2019 1:20	29.26	77.8	5.28	5.0	SR5	10/7/2019 7:20	28.78	81.3	5.23	6.7	SR5	10/7/2019 13:20	28.95	86.2	5.60	6.3	SR5	10/7/2019 19:20	29.20	73.1	5.31	6.7
SR5	10/7/2019 1:25	29.27	78.4	5.31	5.8	SR5	10/7/2019 7:25	28.70	82.6	5.33	5.0	SR5	10/7/2019 13:25	28.95	85.7	5.57	6.8	SR5	10/7/2019 19:25	29.20	74.7	5.43	5.7
SR5	10/7/2019 1:30	29.26	78.7	5.35	4.1	SR5	10/7/2019 7:30	28.71	82.7	5.34	6.1	SR5	10/7/2019 13:30	28.94	84.7	5.49	6.0	SR5	10/7/2019 19:30	29.21	72.9	5.29	6.2
SR5	10/7/2019 1:35	29.27	77.8	5.29	5.0	SR5	10/7/2019 7:35	28.79	81.6	5.26	4.2	SR5	10/7/2019 13:35	28.98	83.9	5.45	6.4	SR5	10/7/2019 19:35	29.20	71.4	5.18	5.8
SR5	10/7/2019 1:40	29.22	78.1	5.31	5.7	SR5	10/7/2019 7:40	28.81	81.7	5.26	5.5	SR5	10/7/2019 13:40	28.97	84.7	5.50	6.9	SR5	10/7/2019 19:40	29.20	71.1	5.16	6.7
SR5	10/7/2019 1:45	29.21	78.6	5.33	4.1	SR5	10/7/2019 7:45	28.83	81.5	5.24	4.5	SR5	10/7/2019 13:45	29.01	84.9	5.50	5.5	SR5	10/7/2019 19:45	29.20	73.5	5.34	6.8
SR5	10/7/2019 1:50	29.20	79.6	5.41	6.7	SR5	10/7/2019 7:50	28.81	82.2	5.29	5.5	SR5	10/7/2019 13:50	28.98	85.3	5.53	6.6	SR5	10/7/2019 19:50	29.20	71.4	5.18	6.9
SR5	10/7/2019 1:55	29.21	78.8	5.35	6.1	SR5	10/7/2019 7:55	28.90	81.4	5.23	5.9	SR5	10/7/2019 13:55	28.97	85.1	5.52	6.3	SR5	10/7/2019 19:55	29.20	71.4	5.18	6.5
SR5	10/7/2019 2:00	29.19	78.7	5.34	4.8	SR5	10/7/2019 8:00	28.71	84.1	5.44	5.1	SR5	10/7/2019 14:00	28.94	83.3	5.40	5.8	SR5	10/7/2019 20:00	29.20	73.6	5.35	7.2
SR5	10/7/2019 2:05	29.21	77.9	5.28	3.8	SR5	10/7/2019 8:05	28.67	84.5	5.48	6.2	SR5	10/7/2019 14:05	28.94	83.4	5.41	5.8	SR5	10/7/2019 20:05	29.21	72.5	5.27	6.0
SR5	10/7/2019 2:10	29.24	77.9	5.28	5.3	SR5	10/7/2019 8:10	28.69	84.0	5.44	5.3	SR5	10/7/2019 14:10	28.96	83.1	5.39	7.1	SR5	10/7/2019 20:10	29.21	74.5	5.42	6.4
SR5	10/7/2019 2:15	29.25	78.5	5.34	4.2	SR5	10/7/2019 8:15	28.65	84.6	5.49	4.6	SR5	10/7/2019 14:15	28.98	84.7	5.49	6.7	SR5	10/7/2019 20:15	29.21	74.0	5.38	6.5
SR5	10/7/2019 2:20	29.22	79.1	5.39	4.8	SR5	10/7/2019 8:20	28.60	85.7	5.58	5.9	SR5	10/7/2019 14:20	28.99	83.9	5.44	5.7	SR5	10/7/2019 20:20	29.21	72.2	5.25	5.6
SR5	10/7/2019 2:25	29.21	79.3	5.40	5.8	SR5	10/7/2019 8:25	28.63	85.4	5.55	4.9	SR5	10/7/2019 14:25	28.98	83.1	5.39	7.5	SR5	10/7/2019 20:25	29.21	75.7	5.50	5.6
SR5	10/7/2019 2:30	29.17	78.8	5.36	5.1	SR5	10/7/2019 8:30	28.61	85.2	5.54	5.6	SR5	10/7/2019 14:30	28.98	82.6	5.35	5.9	SR5	10/7/2019 20:30	29.20	75.4	5.48	6.6
SR5	10/7/2019 2:35	29.20	78.3	5.34	6.1	SR5	10/7/2019 8:35	28.57	84.9	5.53	5.2	SR5	10/7/2019 14:35	28.95	83.2	5.39	5.8	SR5	10/7/2019 20:35	29.09	75.1	5.47	6.3
SR5	10/7/2019 2:40	29.19	78.3	5.36	6.4	SR5	10/7/2019 8:40	28.62	85.0	5.53	5.4	SR5	10/7/2019 14:40	28.97	82.9	5.37	5.7	SR5	10/7/2019 20:40	29.08	75.4	5.25	5.3
SR5	10/7/2019 2:45	29.16	78.6	5.39	6.5	SR5	10/7/2019 8:45	28.69	84.5	5.49	4.1	SR5	10/7/2019 14:45	29.02	81.4	5.27	6.6	SR5	10/7/2019 20:45	29.08	75.6	5.27	6.6
SR5	10/7/2019 2:50	29.20	78.5	5.39	5.1	SR5	10/7/2019 8:50	28.70	85.0	5.52	4.6	SR5	10/7/2019 14:50	29.05	84.5	5.47	5.8	SR5	10/7/2019 20:50	29.11	77.0	5.38	6.2
SR5	10/7/2019 2:55	29.17	78.5	5.38	6.5	SR5	10/7/2019 8:55	28.75	84.3	5.46	3.8	SR5	10/7/2019 14:55	29.00	84.1	5.45	6.1	SR5	10/7/2019 20:55	29.12	75.7	5.28	5.0
SR5	10/7/2019 3:00	29.16	78.0	5.34	6.8	SR5	10/7/2019 9:00	28.81	83.6	5.42	5.8	SR5	10/7/2019 15:00	29.04	81.4	5.26	7.3	SR5	10/7/2019 21:00	29.14	76.0	5.31	5.5
SR5	10/7/2019 3:05	29.17	78.3	5.38	5.9	SR5	10/7/2019 9:05	28.87	84.0	5.44	3.7	SR5	10/7/2019 15:05	29.04	82.3	5.32	5.9	SR5	10/7/2019 21:05	29.14	75.1	5.24	7.1
SR5	10/7/2019 3:10	29.11	78.7	5.28	3.9	SR5	10/7/2019 9:10	28.91	84.2	5.45	4.7	SR5	10/7/2019 15:10	29.03	80.9	5.23	5.5	SR5	10/7/2019 21:10	29.12	75.1	5.24	6.3
SR5	10/7/2019 3:15	29.08	79.3	5.32	5.6	SR5	10/7/2019 9:15	28.82	85.8	5.58	4.5	SR5	10/7/2019 15:15	29.04	81.3	5.26	6.3	SR5	10/7/2019 21:15	29.09	75.5	5.27	6.9
SR5	10/7/2019 3:20	29.09	78.5	5.27	4.7	SR5	10/7/2019 9:20	28.76	87.0	5.66	5.1	SR5	10/7/2019 15:20	29.05	82.1	5.31	5.8	SR5	10/7/2019 21:20	29.09	76.0	5.31	6.9
SR5	10/7/2019 3:25	29.12	77.4	5.20	6.9	SR5	10/7/2019 9:25	28.69	87.4	5.69	5.2	SR5	10/7/2019 15:25	29.04	78.5	5.49	7.4	SR5	10/7/2019 21:25	29.09	75.7	5.29	5.7
SR5	10/7/2019 3:30	29.12	77.2	5.18	4.9	SR5	10/7/2019 9:30	28.76	86.2	5.61	4.7	SR5	10/7/2019 15:30	29.04	81.6	5.73	5.7	SR5	10/7/2019 21:30	29.04	75.2	5.25	6.4
SR5	10/7/2019 3:35	29.10	77.0	5.16	6.5	SR5	10/7/2019 9:35	28.68	87.7	5.72	4.9	SR5	10/7/2019 15:35	29.01	79.5	5.57	5.9	SR5	10/7/2019 21:35	29.08	74.2	5.17	7.2
SR5	10/7/2019 3:40	29.08	78.3	5.25	5.2	SR5	10/7/2019 9:40	28.62	88.5	5.78	4.9	SR5	10/7/2019 15:40	29.06	80.9	5.67	5.4	SR5	10/7/2019 21:40	29.08	74.6	5.20	6.6
SR5	10/7/2019 3:45	29.04	77.0	5.16	6.0	SR5	10/7/2019 9:45	28.64	87.8	5.73	7.0	SR5	10/7/2019 15:45	29.03	80.8	5.68	6.2	SR5	10/7/2019 21:45	29.07	76.2	5.33	5.7
SR5	10/7/2019 3:50	29.04	77.2	5.17	5.3	SR5	10/7/2019 9:50	28.65	87.5	5.71	5.8	SR5	10/7/2019 15:50	29.03	79.1	5.54	6.1	SR5	10/7/2019 21:50	29.06	73.7	5.13	7.4
SR5	10/7/2019 3:55	28.90	79.4	5.32	4.0	SR5	10/7/2019 9:55	28.66	87.6	5.72	7.1	SR5	10/7/2019 15:55	29.05	80.2	5.63	5.2	SR5	10/7/2019 21:55	29.07	75.2	5.25	5.1
SR5	10/7/2019 4:00	28.97	79.4	5.33	4.1	SR5	10/7/2019 10:00	28.71	87.5	5.70	6.0	SR5	10/7/2019 16:00	29.05	78.1	5.47	6.9	SR5	10/7/2019 22:00	29.07	74.7	5.21	5.6
SR5	10/7/2019 4:05	29.06	79.1	5.31	6.5	SR5	10/7/2019 10:05	28.74	87.4	5.69	6.0	SR5	10/7/2019 16:05	29.11	76.2	5.33	6.7	SR5	10/7/2019 22:05	29.07	76.8	5.37	6.1
SR5	10/7/2019 4:10	29.11	78.8	5.28	4.0	SR5	10/7/2019 10:10	28.76	87.4	5.70	5.5	SR5	10/7/2019 16:10	29.13	74.5	5.20	6.8	SR5	10/7/2019 22:10	29.06	75.4	5.26	7.0
SR5	10/7/2019 4:15	29.07	78.9	5.30	5.5	SR5	10/7/2019 10:15	28.87	86.0	5.59	5.2	SR5	10/7/2019 16:15	29.10	75.0	5.24	5.6	SR5	10/7/2019 22:15	29.04	77.1	5.39	4.7
SR5	10/7/2019 4:20	29.04	78.7	5.29	6.1	SR5	10/7/2019 10:20	28.85	85.8	5.58	5.2	SR5	10/7/2019 16:20	29.13	73.8	5.15	6.1	SR5	10/7/2019 22:20	28.98	76.9	5.37	6.9
SR5	10/7/2019 4:25	29.08	78.6	5.29	5.6	SR5	10/7/2019 10:25	28.85	85.8	5.59	4.6	SR5	10/7/2019 16:25	29.12	76.0	5.32	5.8	SR5	10/7/2019 22:25	29.01	75.4	5.26	5.9
SR5	10/7/2019 4:30	29.10	78.4	5.28	4.7	SR5	10/7/2019 10:30	28.85	86.2	5.61	5.1	SR5	10/7/2019 16:30	29.17	73.1	5.31	7.1	SR5	10/7/2019 22:30	29.00	78.1	5.45	6.4
SR5	10/7/2019 4:35	29.10	77.8	5.22	5.6	SR5	10/7/2019 10:35	28.84	86.0	5.60	6.1	SR5	10/7/2019 16:35	29.17	72.3	5.25	7.1	SR5	10/7/2019 22:35	29.02	76.5	5.33	6.7
SR5	10/7/2019 4:40	29.09	77.3	5.19	4.4	SR5	10/7/2019 10:40	28.78	85.2	5.55	4.5	SR5	10/7/2019 16:40	29.15	73.2	5.32	6.1	SR5	10/7/2019 22:40	29.04	78.6	5.49	5.9
SR5	10/7/2019 4:45	29.07	78.1	5.24	4.6	SR5	10/7/2019 10:45	28.89	85.3	5.55	4.8	SR5	10/7/2019 16:45	29.18	74.4	5.41	5.9	SR5	10/7/2019 22:45	29.05	75.5	5.26	6.7
SR5	10/7/2019 4:50	29.04	76.6	5.34	4.9	SR5	10/7/2019 10:50	28.85	85.3	5.55	6.3	SR5	10/7/2019 16:50	29.22	76.4	5.56	6.9	SR5	10/7/2019 22:50	29.04	77.9	5.45	6.6
SR5	10/7/2019 4:55	28.97	76.3	5.32	5.0	SR5	10/7/2019 10:55	28.79	85.8	5.59	4.6	SR5	10/7/2019 16:55	29.20	75.2	5.47	6.7	SR5	10/7/2019 22:55	29.05	79.0	5.53	6.4
SR5	10/7/2019 5:00	29.01	77.8	5.43	7.1	SR5	10/7/2019 11:00	28.73	86.8	5.66	4.7	SR5	10/7/2019 17:00	29.21	73.2	5.32	6.2	SR5	10/7/2019 23:00	29.05	76.3	5.32	5.3
SR5	10/7/2019 5:05	29.06	77.0	5.37	5.1	SR5	10/7/2019 11:05	28.86	85.6	5.57	7.0	SR5	10/7/2019 17:05	29.21	73.4	5.33	6.6	SR5	10/7/2019 23:05	29.04	79.3	5.55	6.4
SR5	10/7/2019 5:10	29.04	78.0	5.44	4.4	SR5	10/7/2019 11:10	28.89	85.8	5.58	5.7	SR5	10/7/2019 17:10	29.21	74.3	5.40	6.7	SR5	10/7/2019 23:10	29.04	76.9	5.37	4.9
SR5	10/7/2019 5:15	29.03	76.8	5.36	5.4	SR5	10/7/2019 11:15	28.93	85.9	5.58	5.1	SR5	10/7/2019 17:15	29.19	70.3	5.21	6.0	SR5	10/7/2019 23:15	29.07	79.4	5.56	4.7
SR5	10/7/2019 5:20	29.02	78.4	5.48	6.1	SR5	10/7/2019 11:20	28.93	86.0	5.59	5.7	SR5	10/7/2019 17:20	29.19	70.7	5.23	6.8	SR5	10/7/2019 23:20	29.04	78.1	5.47	5.0
SR5	10/7/2019 5:25	29.01	78.3	5.47	5.1	SR5	10/7/2019 11:25	28.91	86.5	5.62	5.8	SR5	10/7/2019 17:25	29.19	70.6	5.23	6.8	SR5	10/7/2019 23:25	28.99	78.0	5.46	5.6
SR5	10/7/2019 5:30	29.03	78.7	5.50	3.7	SR5	10/7/2019 11:30	28.91	85.7	5.57	6.2	SR5	10/7/2019 17:30	29.21	70.9	5.25	5.8	SR5	10/7/2019 23:30	29.01	77.2	5.40	7.4
SR5	10/7/2019 5:35	29.01	76.1	5.30	4.6	SR5	10/7/2019 11:35	28.91	85.5	5.56	6.7	SR5	10/7/2019 17:35	29.21	71.9	5.22	5.3	SR5	10/7/2019 23:35	29.03	77.8	5.46	4.8
SR5	10/7/2019 5:40	29.02	78.8	5.51	5.3	SR5	10/7/2019 11:40	28.88	86.5	5.62	6.8	SR5	10/7/2019 17:40	29.21	73.1	5.31	5.8	SR5	10/7/2019 23:40	29.07	76.6	5.35	5.5
SR5	10/7/2019 5:45	29.00	77.9	5.45	6.3	SR5	10/7/2019 11:45	28.89	86.9	5.65	6.4	SR5	10/7/2019 17:45	29.20	72.2	5.24	5.7	SR5	10/7/2019 23:45	29.05	75.4	5.27	6.7
SR5	10/7/2019 5:50	29.05	76.0	5.31	4.5	SR5	10/7/2019 11:50	28.86	85.5	5.56	6.5	SR5	10/7/2019 17:50	29.20	75.3	5.47	5.9	SR5	10/7/2019 23:50	29.01	77.2	5.41	4.9
SR5	10/7/2019 5:55	29.01	76.7	5.36	3.6	SR5	10/7/2019 11:55	28.88	86.4	5.61	6.3	SR5	10/7/2019 17:55	29.20	74.9	5.44	7.0	SR5	10/7/2019 23:55	29.09	77.1	5.40	4.9

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	10/7/2019 0:01	29.58	77.7	5.63	4.2	SR12	10/7/2019 6:01	29.34	76.8	5.54	3.3	SR12	10/7/2019 12:01	29.24	70.7	5.15	3.8	SR12	10/7/2019 18:01	29.36	67.8	4.89	4.2
SR12	10/7/2019 0:06	29.60	73.9	5.40	3.3	SR12	10/7/2019 6:06	29.26	75.7	5.51	4.5	SR12	10/7/2019 12:06	29.26	72.2	5.19	4.7	SR12	10/7/2019 18:06	29.38	70.5	5.06	3.4
SR12	10/7/2019 0:11	29.63	76.2	5.53	3.8	SR12	10/7/2019 6:11	29.33	74.5	5.36	4.0	SR12	10/7/2019 12:11	29.21	72.9	5.26	3.9	SR12	10/7/2019 18:11	29.42	68.0	4.90	4.9
SR12	10/7/2019 0:16	29.62	77.4	5.62	4.4	SR12	10/7/2019 6:16	29.33	76.0	5.50	9.7	SR12	10/7/2019 12:16	29.25	71.0	5.15	4.3	SR12	10/7/2019 18:16	29.43	70.1	5.09	4.2
SR12	10/7/2019 0:21	29.57	71.5	5.22	4.4	SR12	10/7/2019 6:21	29.36	75.8	5.46	2.6	SR12	10/7/2019 12:21	29.27	72.2	5.23	4.2	SR12	10/7/2019 18:21	29.43	71.2	5.10	4.6
SR12	10/7/2019 0:26	29.57	70.8	5.13	3.6	SR12	10/7/2019 6:26	29.22	75.2	5.46	3.8	SR12	10/7/2019 12:26	29.27	71.6	5.17	3.3	SR12	10/7/2019 18:26	29.47	72.4	5.20	4.9
SR12	10/7/2019 0:31	29.59	70.8	5.12	3.1	SR12	10/7/2019 6:31	29.35	76.6	5.52	2.7	SR12	10/7/2019 12:31	29.27	73.0	5.25	3.0	SR12	10/7/2019 18:31	29.46	71.1	5.15	5.0
SR12	10/7/2019 0:36	29.63	74.7	5.45	3.5	SR12	10/7/2019 6:36	29.37	75.8	5.50	3.6	SR12	10/7/2019 12:36	29.28	69.6	5.06	4.2	SR12	10/7/2019 18:36	29.46	69.8	5.05	4.1
SR12	10/7/2019 0:41	29.61	73.5	5.32	2.7	SR12	10/7/2019 6:41	29.37	76.9	5.56	3.3	SR12	10/7/2019 12:41	29.29	69.0	5.02	4.3	SR12	10/7/2019 18:41	29.47	70.5	5.09	4.1
SR12	10/7/2019 0:46	29.63	75.4	5.43	3.4	SR12	10/7/2019 6:46	29.33	74.0	5.35	5.3	SR12	10/7/2019 12:46	29.27	70.5	5.07	3.5	SR12	10/7/2019 18:46	29.47	70.8	5.12	5.1
SR12	10/7/2019 0:51	29.61	75.9	5.45	4.2	SR12	10/7/2019 6:51	29.33	73.5	5.33	5.0	SR12	10/7/2019 12:51	29.28	70.9	5.10	3.3	SR12	10/7/2019 18:51	29.47	71.3	5.14	4.4
SR12	10/7/2019 0:56	29.62	74.2	5.40	4.6	SR12	10/7/2019 6:56	29.22	73.4	5.27	4.9	SR12	10/7/2019 12:56	29.31	71.1	5.13	3.6	SR12	10/7/2019 18:56	29.49	69.4	5.04	4.5
SR12	10/7/2019 1:01	29.61	76.9	5.52	5.2	SR12	10/7/2019 7:01	29.31	73.8	5.31	4.3	SR12	10/7/2019 13:01	29.29	67.9	4.91	4.1	SR12	10/7/2019 19:01	29.46	70.7	5.08	4.4
SR12	10/7/2019 1:06	29.64	76.3	5.56	3.2	SR12	10/7/2019 7:06	29.33	74.2	5.33	2.9	SR12	10/7/2019 13:06	29.32	68.5	4.95	3.9	SR12	10/7/2019 19:06	29.49	71.2	5.14	4.6
SR12	10/7/2019 1:11	29.63	77.6	5.58	3.9	SR12	10/7/2019 7:11	29.18	71.8	5.19	4.7	SR12	10/7/2019 13:11	29.29	68.1	4.96	4.8	SR12	10/7/2019 19:11	29.43	72.6	5.20	3.7
SR12	10/7/2019 1:16	29.60	75.4	5.48	4.4	SR12	10/7/2019 7:16	29.06	74.4	5.40	2.6	SR12	10/7/2019 13:16	29.33	68.2	4.94	4.7	SR12	10/7/2019 19:16	29.44	71.2	5.16	5.3
SR12	10/7/2019 1:21	29.62	78.9	5.66	3.5	SR12	10/7/2019 7:21	29.30	73.1	5.28	3.6	SR12	10/7/2019 13:21	29.34	69.2	5.00	3.5	SR12	10/7/2019 19:21	29.46	72.4	5.24	3.9
SR12	10/7/2019 1:26	29.49	73.1	5.30	3.1	SR12	10/7/2019 7:26	29.26	73.3	5.27	4.3	SR12	10/7/2019 13:26	29.32	67.9	4.88	4.0	SR12	10/7/2019 19:26	29.49	72.0	5.20	4.8
SR12	10/7/2019 1:31	29.55	75.2	5.44	4.1	SR12	10/7/2019 7:31	29.13	71.6	5.17	3.7	SR12	10/7/2019 13:31	29.34	71.3	5.14	4.2	SR12	10/7/2019 19:31	29.34	71.7	5.17	3.6
SR12	10/7/2019 1:36	29.55	74.5	5.42	4.2	SR12	10/7/2019 7:36	29.16	75.6	5.41	3.9	SR12	10/7/2019 13:36	29.34	69.2	5.00	4.0	SR12	10/7/2019 19:36	29.48	70.8	5.10	4.6
SR12	10/7/2019 1:41	29.57	73.8	5.35	4.5	SR12	10/7/2019 7:41	29.28	75.1	5.40	3.8	SR12	10/7/2019 13:41	29.35	70.2	5.06	4.1	SR12	10/7/2019 19:41	29.47	71.1	5.09	6.2
SR12	10/7/2019 1:46	29.60	76.7	5.55	5.4	SR12	10/7/2019 7:46	29.21	75.5	5.43	3.3	SR12	10/7/2019 13:46	29.35	69.7	5.04	3.3	SR12	10/7/2019 19:46	29.49	73.4	5.26	5.0
SR12	10/7/2019 1:51	29.60	78.9	5.65	4.4	SR12	10/7/2019 7:51	29.24	76.6	5.54	4.6	SR12	10/7/2019 13:51	29.35	71.0	5.14	4.2	SR12	10/7/2019 19:51	29.49	74.8	5.40	4.4
SR12	10/7/2019 1:56	29.60	77.0	5.55	3.3	SR12	10/7/2019 7:56	29.29	77.7	5.62	4.3	SR12	10/7/2019 13:56	29.35	71.3	5.12	4.5	SR12	10/7/2019 19:56	29.51	74.5	5.38	4.4
SR12	10/7/2019 2:01	29.58	76.1	5.51	3.4	SR12	10/7/2019 8:01	29.18	75.9	5.50	3.7	SR12	10/7/2019 14:01	29.37	73.5	5.28	3.9	SR12	10/7/2019 20:01	29.50	73.1	5.22	5.3
SR12	10/7/2019 2:06	29.57	74.8	5.45	2.7	SR12	10/7/2019 8:06	29.25	73.7	5.34	4.1	SR12	10/7/2019 14:06	29.37	72.8	5.22	4.2	SR12	10/7/2019 20:06	29.41	72.0	5.20	3.7
SR12	10/7/2019 2:11	29.52	74.3	5.40	4.4	SR12	10/7/2019 8:11	29.18	75.5	5.43	3.8	SR12	10/7/2019 14:11	29.33	71.2	5.12	4.5	SR12	10/7/2019 20:11	29.47	72.2	5.20	4.2
SR12	10/7/2019 2:16	29.50	74.6	5.41	3.7	SR12	10/7/2019 8:16	29.21	74.3	5.38	3.8	SR12	10/7/2019 14:16	29.39	70.8	5.14	3.5	SR12	10/7/2019 20:16	29.50	73.8	5.26	5.1
SR12	10/7/2019 2:21	29.46	73.5	5.35	3.0	SR12	10/7/2019 8:21	29.25	73.6	5.28	4.6	SR12	10/7/2019 14:21	29.37	70.0	5.09	4.5	SR12	10/7/2019 20:21	29.46	74.5	5.31	4.1
SR12	10/7/2019 2:26	29.52	74.3	5.35	3.8	SR12	10/7/2019 8:26	29.24	74.9	5.39	4.7	SR12	10/7/2019 14:26	29.38	71.6	5.14	3.6	SR12	10/7/2019 20:26	29.51	75.8	5.41	3.8
SR12	10/7/2019 2:31	29.48	77.2	5.57	3.2	SR12	10/7/2019 8:31	29.22	73.3	5.27	3.4	SR12	10/7/2019 14:31	29.39	71.4	5.14	3.9	SR12	10/7/2019 20:31	29.55	73.3	5.26	4.4
SR12	10/7/2019 2:36	29.53	74.9	5.41	4.3	SR12	10/7/2019 8:36	29.20	74.3	5.33	4.2	SR12	10/7/2019 14:36	29.40	72.6	5.21	4.0	SR12	10/7/2019 20:36	29.54	72.5	5.25	3.7
SR12	10/7/2019 2:41	29.48	77.1	5.58	4.3	SR12	10/7/2019 8:41	29.21	74.3	5.33	4.8	SR12	10/7/2019 14:41	29.41	70.3	5.03	4.1	SR12	10/7/2019 20:41	29.55	75.9	5.45	6.0
SR12	10/7/2019 2:46	29.47	77.3	5.58	4.1	SR12	10/7/2019 8:46	29.04	73.6	5.34	4.1	SR12	10/7/2019 14:46	29.39	68.5	4.92	4.3	SR12	10/7/2019 20:46	29.55	77.0	5.50	4.1
SR12	10/7/2019 2:51	29.49	76.2	5.55	3.4	SR12	10/7/2019 8:51	28.82	71.5	5.15	3.8	SR12	10/7/2019 14:51	29.39	68.7	4.99	4.4	SR12	10/7/2019 20:51	29.56	76.8	5.48	3.8
SR12	10/7/2019 2:56	29.47	76.0	5.45	3.1	SR12	10/7/2019 8:56	29.18	73.3	5.27	3.8	SR12	10/7/2019 14:56	29.40	68.2	4.95	5.0	SR12	10/7/2019 20:56	29.60	74.1	5.36	3.6
SR12	10/7/2019 3:01	29.26	76.6	5.57	4.3	SR12	10/7/2019 9:01	29.18	73.3	5.27	3.4	SR12	10/7/2019 15:01	29.41	68.6	4.94	3.5	SR12	10/7/2019 21:01	29.58	74.0	5.35	5.1
SR12	10/7/2019 3:06	29.33	78.1	5.63	3.6	SR12	10/7/2019 9:06	29.18	73.8	5.29	3.6	SR12	10/7/2019 15:06	29.41	67.6	4.92	3.6	SR12	10/7/2019 21:06	29.63	70.5	5.09	4.6
SR12	10/7/2019 3:11	29.35	77.1	5.55	3.3	SR12	10/7/2019 9:11	29.19	73.4	5.26	5.0	SR12	10/7/2019 15:11	29.42	68.2	4.91	3.6	SR12	10/7/2019 21:11	29.64	70.8	5.12	4.9
SR12	10/7/2019 3:16	29.36	79.1	5.73	4.7	SR12	10/7/2019 9:16	29.17	72.3	5.24	4.3	SR12	10/7/2019 15:16	29.41	68.5	4.95	4.7	SR12	10/7/2019 21:16	29.63	71.9	5.18	5.5
SR12	10/7/2019 3:21	29.33	81.2	5.85	3.9	SR12	10/7/2019 9:21	29.07	70.2	5.06	4.5	SR12	10/7/2019 15:21	29.42	69.0	4.98	3.5	SR12	10/7/2019 21:21	29.63	73.0	5.28	4.9
SR12	10/7/2019 3:26	29.31	79.8	5.75	3.7	SR12	10/7/2019 9:26	29.08	69.1	5.01	3.9	SR12	10/7/2019 15:26	29.44	69.4	4.99	3.5	SR12	10/7/2019 21:26	29.65	72.2	5.23	4.6
SR12	10/7/2019 3:31	29.35	80.0	5.78	3.6	SR12	10/7/2019 9:31	29.03	70.9	5.11	4.3	SR12	10/7/2019 15:31	29.42	68.3	4.96	4.8	SR12	10/7/2019 21:31	29.67	72.3	5.22	3.7
SR12	10/7/2019 3:36	29.37	80.7	5.79	3.4	SR12	10/7/2019 9:36	29.10	73.3	5.30	6.8	SR12	10/7/2019 15:36	29.43	70.2	5.06	3.6	SR12	10/7/2019 21:36	29.67	75.4	5.38	4.9
SR12	10/7/2019 3:41	29.41	78.0	5.61	3.2	SR12	10/7/2019 9:41	29.15	75.8	5.42	3.7	SR12	10/7/2019 15:41	29.43	69.6	5.06	4.5	SR12	10/7/2019 21:41	29.68	73.1	5.26	5.9
SR12	10/7/2019 3:46	29.37	78.4	5.69	3.0	SR12	10/7/2019 9:46	29.15	75.4	5.46	3.8	SR12	10/7/2019 15:46	29.44	67.8	4.92	3.8	SR12	10/7/2019 21:46	29.65	73.9	5.33	3.7
SR12	10/7/2019 3:51	29.47	77.2	5.55	4.5	SR12	10/7/2019 9:51	29.15	74.5	5.39	4.9	SR12	10/7/2019 15:51	29.43	70.1	5.07	3.7	SR12	10/7/2019 21:51	29.50	73.0	5.22	3.3
SR12	10/7/2019 3:56	29.42	78.5	5.67	3.2	SR12	10/7/2019 9:56	29.15	74.8	5.38	4.0	SR12	10/7/2019 15:56	29.43	69.1	5.00	4.7	SR12	10/7/2019 21:56	29.48	75.1	5.37	4.3
SR12	10/7/2019 4:01	29.45	80.5	5.79	3.1	SR12	10/7/2019 10:01	29.11	71.9	5.17	3.9	SR12	10/7/2019 16:01	29.44	69.0	4.97	5.0	SR12	10/7/2019 22:01	29.53	72.6	5.20	4.0
SR12	10/7/2019 4:06	29.43	81.6	5.83	3.6	SR12	10/7/2019 10:06	29.11	73.7	5.30	4.3	SR12	10/7/2019 16:06	29.46	68.7	4.93	4.8	SR12	10/7/2019 22:06	29.52	73.5	5.26	4.0
SR12	10/7/2019 4:11	29.42	79.6	5.69	3.3	SR12	10/7/2019 10:11	29.12	74.7	5.42	4.6	SR12	10/7/2019 16:11	29.46	69.6	5.00	4.5	SR12	10/7/2019 22:11	29.50	75.1	5.37	4.7
SR12	10/7/2019 4:16	29.43	77.4	5.59	3.2	SR12	10/7/2019 10:16	29.12	74.1	5.32	3.5	SR12	10/7/2019 16:16	29.44	70.4	5.09	4.6	SR12	10/7/2019 22:16	29.50	73.4	5.25	4.1
SR12	10/7/2019 4:21	29.43	78.5	5.64	4.2	SR12	10/7/2019 10:21	29.11	73.1	5.25	4.9	SR12	10/7/2019 16:21	29.45	69.2	5.01	4.3	SR12	10/7/2019 22:21	29.53	73.6	5.26	4.6
SR12	10/7/2019 4:26	29.39	80.3	5.76	3.9	SR12	10/7/2019 10:26	29.08	71.2	5.14	3.4	SR12	10/7/2019 16:26	29.44	68.0	4.92	3.8	SR12	10/7/2019 22:26	29.51	75.3	5.38	5.0
SR12	10/7/2019 4:31	29.40	80.9	5.80	4.0	SR12	10/7/2019 10:31	29.14	72.7	5.27	4.5	SR12	10/7/2019 16:31	29.39	67.5	4.90	3.8	SR12	10/7/2019 22:31	29.54	75.8	5.42	4.6
SR12	10/7/2019 4:36	29.42	80.7	5.76	2.9	SR12	10/7/2019 10:36	29.13	70.8	5.09	4.2	SR12	10/7/2019 16:36	29.43	71.5	5.18	4.7	SR12	10/7/2019 22:36	29.53	74.9	5.35	5.0
SR12	10/7/2019 4:41	29.45	75.9	5.49	4.7	SR12	10/7/2019 10:41	29.10	72.0	5.18	5.3	SR12	10/7/2019 16:41	29.45	68.2	4.93	4.6	SR12	10/7/2019 22:41	29.55	74.5	5.33	3.7
SR12	10/7/2019 4:46	29.42	78.2	5.60	3.8	SR12	10/7/2019 10:46	29.13	72.8	5.27	4.2	SR12	10/7/2019 16:46	29.47	69.2	5.02	4.5	SR12	10/7/2019 22:46	29.54	75.6	5.40	4.9
SR12	10/7/2019 4:51	29.40	77.2	5.59	3.8	SR12	10/7/2019 10:51	29.15	74.2	5.34	3.8	SR12	10/7/2019 16:51	29.47	71.7	5.20	4.1	SR12	10/7/2019 22:51	29.60	74.9	5.34	3.7
SR12	10/7/2019 4:56	29.36	79.6	5.71	3.1	SR12	10/7/2019 10:56	29.14	70.4	5.12	4.1	SR12	10/7/2019 16:56	29.35	68.9	5.02	3.6	SR12	10/7/2019 22:56	29.58	74.8	5.34	4.0
SR12	10/7/2019 5:01	29.35	79.2	5.72	3.7	SR12	10/7/2019 11:01	29.11	72.8	5.29	3.7	SR12	10/7/2019 17:01	29.46	70.2	5.08	3.4	SR12	10/7/2019 23:01	29.68	74.2	5.29	3.5
SR12	10/7/2019 5:06	29.34	76.3	5.52	4.6	SR12	10/7/2019 11:06	29.15	73.5	5.31	9.2	SR12	10/7/2019 17:06	29.44	70.2	5.07	4.1	SR12	10/7/2019 23:06	29.67	74.8	5.34	4.4
SR12	10/7/2019 5:11	29.33	78.1	5.62	3.4	SR12	10/7/2019 11:11	29.19	73.1	5.28	3.4	SR12	10/7/2019 17:11	29.46	70.9	5.14	4.4	SR12	10/7/2019 23:11	29.68	73.9	5.29	4.7
SR12	10/7/2019 5:16	29.27	77.5	5.60	3.8	SR12	10/7/2019 11:16	29.18	74.9	5.37	4.7	SR12	10/7/2019 17:16	29.47	69.8	5.05	4.5	SR12	10/7/2019 23:16	29.68	74.0	5.28	4.3
SR12	10/7/2019 5:21	29.30	77.7	5.64	2.8	SR12	10/7/2019 11:21	29.20	71.9	5.20	4.7	SR12	10/7/2019 17:21	29.48	69.1	4.98	3.4	SR12	10/7/2019 23:21	29.68	73.5	5.25	4.3
SR12	10/7/2019 5:26	29.29	78.2	5.62	3.7	SR12	10/7/2019 11:26	29.20	73.2	5.28	4.5	SR12	10/7/2019 17:26	29.44	69.5	5.01	3.2	SR12	10/7/2019 23:26	29.68	74.5	5.33	4.4
SR12	10/7/2019 5:31	29.35	77.7	5.58	4.5	SR12	10/7/2019 11:31	29.19	73.7	5.28	3.7	SR12	10/7/2019 17:31	29.47	69.8	5.06	4.3	SR12	10/7/2019 23:31	29.64	72.7	5.25	4.4
SR12	10/7/2019 5:36	29.39	75.7	5.49	3.1	SR12	10/7/2019 11:36	29.21	75.6	5.49	4.0	SR12	10/7/2019 17:36	29.46	70.0	5.02	3.9	SR12	10/7/2019 23:36	29.67	70.4	5.09	4.7
SR12	10/7/2019 5:41	29.31	76.2	5.47	5.0	SR12	10/7/2019 11:41	29.23	73.3	5.31	5.0	SR12	10/7/2019 17:41	29.47	69.7	5.03	3.5	SR12	10/7/2019 23:41	29.68	71.7	5.13	4.5
SR12	10/7/2019 5:46	29.29	77.7	5.61	4.1	SR12	10/7/2019 11:46	29.23	73.7	5.32	3.9	SR12	10/7/2019 17:46	29.48	67.1	4.89	3.5	SR12	10/7/2019 23:46	29.70	72.0	5.17	4.8
SR12	10/7/2019 5:51	29.32	77.8	5.63	3.8	SR12	10/7/2019 11:51	29.24	74.1	5.36	3.3	SR12	10/7/2019 17:51	29.44	70.2	5.08	4.2	SR12	10/7/2019 23:51	29.70	74.8	5.37	5.0
SR12	10/7/2019 5:56	29.26	75.9	5.48	3.3	SR12	10/7/2019 11:56	29.21	73.0	5.30	4.2	SR12	10/7/2019 17:56	29.42	70.4	5.09	3.0	SR12	10/7/2019 23:56	29.76	70.8	5.10	5.3

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	10/7/2019 0:00	29.14	74.7	5.43	3.7	SR13	10/7/2019 6:00	29.01	73.5	5.31	3.7	SR13	10/7/2019 12:00	28.84	75.6	5.45	4.3	SR13	10/7/2019 18:00	29.10	77.9	5.57	5.5
SR13	10/7/2019 0:05	29.14	73.6	5.33	4.1	SR13	10/7/2019 6:05	28.95	73.2	5.31	4.6	SR13	10/7/2019 12:05	28.86	75.7	5.45	3.9	SR13	10/7/2019 18:05	29.10	76.8	5.52	4.5
SR13	10/7/2019 0:10	29.11	71.9	5.22	4.0	SR13	10/7/2019 6:10	28.99	72.8	5.27	3.0	SR13	10/7/2019 12:10	28.86	76.1	5.47	3.8	SR13	10/7/2019 18:10	29.10	75.8	5.49	4.5
SR13	10/7/2019 0:15	29.17	74.6	5.45	3.7	SR13	10/7/2019 6:15	28.97	72.7	5.28	3.9	SR13	10/7/2019 12:15	28.86	75.2	5.42	3.8	SR13	10/7/2019 18:15	29.12	76.1	5.46	4.6
SR13	10/7/2019 0:20	29.17	74.4	5.39	4.1	SR13	10/7/2019 6:20	29.00	74.6	5.40	4.7	SR13	10/7/2019 12:20	28.86	74.7	5.39	3.9	SR13	10/7/2019 18:20	29.11	75.2	5.42	4.5
SR13	10/7/2019 0:25	29.16	74.8	5.42	4.0	SR13	10/7/2019 6:25	28.99	72.2	5.23	4.9	SR13	10/7/2019 12:25	28.87	74.9	5.38	3.7	SR13	10/7/2019 18:25	29.10	75.2	5.43	4.9
SR13	10/7/2019 0:30	29.18	75.5	5.48	3.6	SR13	10/7/2019 6:30	28.99	72.4	5.26	4.2	SR13	10/7/2019 12:30	28.88	75.5	5.42	3.5	SR13	10/7/2019 18:30	29.07	73.7	5.33	4.8
SR13	10/7/2019 0:35	29.19	76.1	5.53	4.6	SR13	10/7/2019 6:35	28.95	74.0	5.36	5.3	SR13	10/7/2019 12:35	28.91	75.8	5.45	3.5	SR13	10/7/2019 18:35	29.08	72.6	5.27	4.4
SR13	10/7/2019 0:40	29.19	74.7	5.43	4.2	SR13	10/7/2019 6:40	28.92	71.9	5.22	4.5	SR13	10/7/2019 12:40	28.90	74.5	5.36	5.0	SR13	10/7/2019 18:40	29.08	75.2	5.40	4.1
SR13	10/7/2019 0:45	29.17	76.3	5.55	4.0	SR13	10/7/2019 6:45	28.98	73.5	5.31	3.6	SR13	10/7/2019 12:45	28.96	74.8	5.38	4.0	SR13	10/7/2019 18:45	29.09	75.5	5.45	3.9
SR13	10/7/2019 0:50	29.19	76.9	5.54	4.2	SR13	10/7/2019 6:50	28.92	72.6	5.25	3.6	SR13	10/7/2019 12:50	28.94	74.0	5.34	4.4	SR13	10/7/2019 18:50	29.07	76.2	5.49	4.2
SR13	10/7/2019 0:55	29.17	75.7	5.48	4.4	SR13	10/7/2019 6:55	28.87	74.3	5.40	3.5	SR13	10/7/2019 12:55	28.95	74.0	5.33	5.0	SR13	10/7/2019 18:55	29.03	74.0	5.36	4.4
SR13	10/7/2019 1:00	29.15	77.9	5.59	4.3	SR13	10/7/2019 7:00	28.97	73.2	5.30	4.3	SR13	10/7/2019 13:00	28.97	74.7	5.37	3.7	SR13	10/7/2019 19:00	29.06	76.9	5.52	4.9
SR13	10/7/2019 1:05	29.09	74.8	5.42	3.5	SR13	10/7/2019 7:05	28.95	73.1	5.28	4.3	SR13	10/7/2019 13:05	28.95	73.5	5.27	3.8	SR13	10/7/2019 19:05	29.06	76.6	5.50	4.4
SR13	10/7/2019 1:10	29.12	75.6	5.46	4.4	SR13	10/7/2019 7:10	28.88	72.3	5.23	4.4	SR13	10/7/2019 13:10	28.95	75.1	5.40	3.9	SR13	10/7/2019 19:10	28.95	75.5	5.44	4.1
SR13	10/7/2019 1:15	29.11	75.9	5.47	4.1	SR13	10/7/2019 7:15	28.91	74.1	5.35	4.8	SR13	10/7/2019 13:15	28.94	73.5	5.32	4.7	SR13	10/7/2019 19:15	29.06	74.8	5.39	3.9
SR13	10/7/2019 1:20	29.12	76.1	5.52	4.2	SR13	10/7/2019 7:20	28.95	74.5	5.36	3.3	SR13	10/7/2019 13:20	28.96	72.9	5.28	4.3	SR13	10/7/2019 19:20	28.99	74.2	5.32	5.3
SR13	10/7/2019 1:25	29.13	75.4	5.46	4.9	SR13	10/7/2019 7:25	28.92	74.0	5.34	4.3	SR13	10/7/2019 13:25	28.96	73.3	5.28	4.2	SR13	10/7/2019 19:25	28.96	75.0	5.40	4.5
SR13	10/7/2019 1:30	29.13	77.1	5.54	3.9	SR13	10/7/2019 7:30	28.93	73.5	5.35	4.7	SR13	10/7/2019 13:30	28.97	74.0	5.35	4.5	SR13	10/7/2019 19:30	29.06	76.3	5.51	4.1
SR13	10/7/2019 1:35	29.12	76.7	5.54	3.6	SR13	10/7/2019 7:35	28.94	75.5	5.48	4.0	SR13	10/7/2019 13:35	28.97	75.9	5.46	4.1	SR13	10/7/2019 19:35	29.03	75.7	5.45	4.1
SR13	10/7/2019 1:40	29.10	75.6	5.48	4.5	SR13	10/7/2019 7:40	28.88	74.6	5.41	3.5	SR13	10/7/2019 13:40	29.01	73.7	5.32	4.6	SR13	10/7/2019 19:40	28.99	73.7	5.30	5.8
SR13	10/7/2019 1:45	29.10	74.2	5.41	3.1	SR13	10/7/2019 7:45	28.87	72.7	5.27	4.1	SR13	10/7/2019 13:45	29.04	74.4	5.38	4.1	SR13	10/7/2019 19:45	28.99	75.8	5.47	4.4
SR13	10/7/2019 1:50	29.09	74.8	5.41	4.5	SR13	10/7/2019 7:50	28.84	74.3	5.35	4.3	SR13	10/7/2019 13:50	29.01	74.6	5.36	5.1	SR13	10/7/2019 19:50	28.95	75.5	5.42	4.7
SR13	10/7/2019 1:55	29.05	75.0	5.43	4.4	SR13	10/7/2019 7:55	28.88	72.3	5.23	4.3	SR13	10/7/2019 13:55	29.03	73.9	5.34	3.9	SR13	10/7/2019 19:55	29.01	76.2	5.46	5.2
SR13	10/7/2019 2:00	29.06	73.8	5.37	3.5	SR13	10/7/2019 8:00	28.89	73.6	5.33	4.9	SR13	10/7/2019 14:00	28.97	75.6	5.47	4.8	SR13	10/7/2019 20:00	28.98	75.9	5.45	3.5
SR13	10/7/2019 2:05	29.09	75.0	5.43	4.1	SR13	10/7/2019 8:05	28.89	75.1	5.41	5.3	SR13	10/7/2019 14:05	28.97	75.6	5.45	3.8	SR13	10/7/2019 20:05	29.01	75.2	5.43	3.7
SR13	10/7/2019 2:10	29.07	75.9	5.48	3.9	SR13	10/7/2019 8:10	28.91	74.6	5.37	4.5	SR13	10/7/2019 14:10	29.00	76.6	5.50	4.6	SR13	10/7/2019 20:10	29.01	76.5	5.48	4.9
SR13	10/7/2019 2:15	29.09	75.7	5.46	4.1	SR13	10/7/2019 8:15	28.89	74.1	5.36	4.4	SR13	10/7/2019 14:15	29.00	76.1	5.50	4.9	SR13	10/7/2019 20:15	29.02	76.0	5.48	3.5
SR13	10/7/2019 2:20	29.06	74.9	5.45	3.8	SR13	10/7/2019 8:20	28.90	73.9	5.34	4.9	SR13	10/7/2019 14:20	29.00	76.1	5.44	4.6	SR13	10/7/2019 20:20	29.03	77.3	5.56	4.8
SR13	10/7/2019 2:25	29.06	74.7	5.42	4.8	SR13	10/7/2019 8:25	28.84	73.8	5.35	4.5	SR13	10/7/2019 14:25	29.03	75.4	5.42	5.0	SR13	10/7/2019 20:25	29.03	77.9	5.58	4.2
SR13	10/7/2019 2:30	29.06	75.2	5.44	4.3	SR13	10/7/2019 8:30	28.75	72.7	5.26	4.8	SR13	10/7/2019 14:30	29.03	75.8	5.45	4.9	SR13	10/7/2019 20:30	29.02	78.8	5.64	4.7
SR13	10/7/2019 2:35	29.05	74.6	5.36	4.5	SR13	10/7/2019 8:35	28.89	74.2	5.36	4.6	SR13	10/7/2019 14:35	29.03	75.3	5.45	4.4	SR13	10/7/2019 20:35	29.01	76.8	5.54	4.5
SR13	10/7/2019 2:40	28.97	75.3	5.46	4.4	SR13	10/7/2019 8:40	28.89	73.5	5.33	4.7	SR13	10/7/2019 14:40	29.04	74.8	5.39	4.7	SR13	10/7/2019 20:40	29.00	75.6	5.44	4.3
SR13	10/7/2019 2:45	28.99	74.6	5.40	3.3	SR13	10/7/2019 8:45	28.89	74.3	5.34	4.3	SR13	10/7/2019 14:45	29.01	75.1	5.45	4.7	SR13	10/7/2019 20:45	29.01	74.9	5.41	5.3
SR13	10/7/2019 2:50	29.01	74.2	5.37	3.6	SR13	10/7/2019 8:50	28.89	74.2	5.35	4.6	SR13	10/7/2019 14:50	29.03	75.2	5.40	3.5	SR13	10/7/2019 20:50	29.01	74.4	5.38	3.9
SR13	10/7/2019 2:55	29.00	74.2	5.40	4.2	SR13	10/7/2019 8:55	28.84	74.5	5.37	4.1	SR13	10/7/2019 14:55	29.07	74.1	5.36	4.2	SR13	10/7/2019 20:55	28.98	74.0	5.33	5.0
SR13	10/7/2019 3:00	29.00	75.3	5.45	4.0	SR13	10/7/2019 9:00	28.82	72.9	5.29	4.3	SR13	10/7/2019 15:00	29.05	75.8	5.45	4.4	SR13	10/7/2019 21:00	29.00	75.1	5.42	5.6
SR13	10/7/2019 3:05	28.99	74.9	5.41	4.5	SR13	10/7/2019 9:05	28.82	73.5	5.33	4.0	SR13	10/7/2019 15:05	29.06	75.0	5.42	4.2	SR13	10/7/2019 21:05	28.97	74.7	5.40	4.0
SR13	10/7/2019 3:10	29.00	75.0	5.41	4.1	SR13	10/7/2019 9:10	28.80	74.0	5.35	5.1	SR13	10/7/2019 15:10	29.07	73.9	5.34	4.4	SR13	10/7/2019 21:10	29.01	76.8	5.53	4.6
SR13	10/7/2019 3:15	29.01	76.8	5.54	3.6	SR13	10/7/2019 9:15	28.74	74.5	5.39	5.6	SR13	10/7/2019 15:15	29.06	76.5	5.50	4.2	SR13	10/7/2019 21:15	29.01	79.3	5.67	3.8
SR13	10/7/2019 3:20	29.03	74.8	5.40	4.2	SR13	10/7/2019 9:20	28.82	74.6	5.38	4.1	SR13	10/7/2019 15:20	29.07	75.7	5.47	4.3	SR13	10/7/2019 21:20	29.01	77.3	5.55	5.4
SR13	10/7/2019 3:25	29.01	75.5	5.47	4.2	SR13	10/7/2019 9:25	28.82	75.4	5.44	5.7	SR13	10/7/2019 15:25	29.06	75.5	5.45	4.0	SR13	10/7/2019 21:25	29.00	78.5	5.65	3.9
SR13	10/7/2019 3:30	29.05	74.6	5.39	3.9	SR13	10/7/2019 9:30	28.81	76.1	5.49	5.3	SR13	10/7/2019 15:30	29.06	75.2	5.45	4.2	SR13	10/7/2019 21:30	28.95	79.1	5.67	3.9
SR13	10/7/2019 3:35	29.03	76.2	5.52	3.6	SR13	10/7/2019 9:35	28.81	76.7	5.54	5.6	SR13	10/7/2019 15:35	29.06	75.5	5.46	4.0	SR13	10/7/2019 21:35	28.92	79.2	5.69	4.7
SR13	10/7/2019 3:40	29.05	76.9	5.54	3.6	SR13	10/7/2019 9:40	28.80	75.4	5.44	4.7	SR13	10/7/2019 15:40	29.05	74.8	5.38	4.6	SR13	10/7/2019 21:40	28.94	77.6	5.57	4.4
SR13	10/7/2019 3:45	29.04	79.1	5.68	4.2	SR13	10/7/2019 9:45	28.80	76.1	5.46	4.7	SR13	10/7/2019 15:45	29.02	74.9	5.41	4.6	SR13	10/7/2019 21:45	28.95	77.3	5.57	4.1
SR13	10/7/2019 3:50	29.04	77.4	5.54	3.8	SR13	10/7/2019 9:50	28.77	74.8	5.43	4.5	SR13	10/7/2019 15:50	29.03	75.2	5.43	3.8	SR13	10/7/2019 21:50	28.94	78.1	5.62	4.4
SR13	10/7/2019 3:55	29.03	75.8	5.46	4.1	SR13	10/7/2019 9:55	28.80	75.0	5.41	3.4	SR13	10/7/2019 15:55	29.05	76.5	5.50	5.0	SR13	10/7/2019 21:55	28.94	77.7	5.55	3.9
SR13	10/7/2019 4:00	29.05	76.0	5.50	4.0	SR13	10/7/2019 10:00	28.82	76.0	5.45	4.8	SR13	10/7/2019 16:00	28.99	75.7	5.44	4.4	SR13	10/7/2019 22:00	28.96	77.6	5.57	4.1
SR13	10/7/2019 4:05	29.03	76.1	5.51	4.1	SR13	10/7/2019 10:05	28.78	75.4	5.42	3.9	SR13	10/7/2019 16:05	29.00	74.2	5.38	5.4	SR13	10/7/2019 22:05	28.95	78.0	5.61	4.4
SR13	10/7/2019 4:10	29.04	77.7	5.58	4.5	SR13	10/7/2019 10:10	28.83	76.2	5.48	3.9	SR13	10/7/2019 16:10	29.00	73.9	5.36	4.9	SR13	10/7/2019 22:10	28.96	78.8	5.63	3.7
SR13	10/7/2019 4:15	29.05	77.9	5.60	3.2	SR13	10/7/2019 10:15	28.84	74.9	5.39	3.9	SR13	10/7/2019 16:15	29.02	76.7	5.55	4.7	SR13	10/7/2019 22:15	28.96	77.1	5.56	4.3
SR13	10/7/2019 4:20	29.07	76.1	5.49	5.3	SR13	10/7/2019 10:20	28.82	74.0	5.36	5.1	SR13	10/7/2019 16:20	29.02	75.3	5.41	4.4	SR13	10/7/2019 22:20	28.94	78.1	5.59	3.8
SR13	10/7/2019 4:25	29.06	76.0	5.46	3.5	SR13	10/7/2019 10:25	28.83	76.9	5.56	5.4	SR13	10/7/2019 16:25	29.01	75.4	5.47	4.2	SR13	10/7/2019 22:25	28.96	79.6	5.71	3.8
SR13	10/7/2019 4:30	29.05	74.7	5.40	4.3	SR13	10/7/2019 10:30	28.84	77.7	5.57	4.1	SR13	10/7/2019 16:30	28.99	76.0	5.49	5.3	SR13	10/7/2019 22:30	28.98	78.4	5.63	3.4
SR13	10/7/2019 4:35	29.03	75.1	5.43	3.1	SR13	10/7/2019 10:35	28.83	76.0	5.47	4.9	SR13	10/7/2019 16:35	28.95	75.1	5.42	4.3	SR13	10/7/2019 22:35	28.98	78.2	5.63	3.0
SR13	10/7/2019 4:40	29.03	74.6	5.41	4.1	SR13	10/7/2019 10:40	28.83	75.9	5.51	4.4	SR13	10/7/2019 16:40	28.99	74.1	5.37	5.2	SR13	10/7/2019 22:40	29.02	78.2	5.61	3.2
SR13	10/7/2019 4:45	29.03	74.1	5.36	3.7	SR13	10/7/2019 10:45	28.84	76.3	5.53	6.8	SR13	10/7/2019 16:45	29.00	75.3	5.41	4.6	SR13	10/7/2019 22:45	29.04	77.6	5.57	4.4
SR13	10/7/2019 4:50	29.02	74.1	5.38	4.3	SR13	10/7/2019 10:50	28.87	73.3	5.31	3.9	SR13	10/7/2019 16:50	29.01	75.1	5.43	4.7	SR13	10/7/2019 22:50	29.05	77.4	5.56	4.1
SR13	10/7/2019 4:55	28.99	74.4	5.38	3.9	SR13	10/7/2019 10:55	28.87	74.3	5.37	5.1	SR13	10/7/2019 16:55	29.02	74.5	5.38	4.5	SR13	10/7/2019 22:55	29.06	78.1	5.60	3.7
SR13	10/7/2019 5:00	29.00	74.3	5.39	3.3	SR13	10/7/2019 11:00	28.87	74.1	5.36	4.4	SR13	10/7/2019 17:00	29.02	74.4	5.36	5.0	SR13	10/7/2019 23:00	29.05	77.9	5.56	3.0
SR13	10/7/2019 5:05	28.99	74.6	5.38	3.6	SR13	10/7/2019 11:05	28.88	75.2	5.45	4.4	SR13	10/7/2019 17:05	29.00	74.6	5.40	4.2	SR13	10/7/2019 23:05	29.05	77.0	5.54	3.3
SR13	10/7/2019 5:10	29.01	75.1	5.41	4.7	SR13	10/7/2019 11:10	28.89	74.9	5.42	3.9	SR13	10/7/2019 17:10	29.02	73.7	5.34	4.4	SR13	10/7/2019 23:10	29.02	77.4	5.58	4.3
SR13	10/7/2019 5:15	29.02	73.3	5.33	3.5	SR13	10/7/2019 11:15	28.92	75.5	5.47	4.5	SR13	10/7/2019 17:15	29.01	74.6	5.35	4.7	SR13	10/7/2019 23:15	29.03	75.9	5.50	3.7
SR13	10/7/2019 5:20	28.99	75.0	5.40	4.1	SR13	10/7/2019 11:20	28.93	76.5	5.51	5.4	SR13	10/7/2019 17:20	29.02	74.1	5.36	4.1	SR13	10/7/2019 23:20	29.03	74.3	5.33	3.3
SR13	10/7/2019 5:25	28.98	74.7	5.43	3.7	SR13	10/7/2019 11:25	28.93	75.1	5.42	5.4	SR13	10/7/2019 17:25	29.02	73.4	5.32	3.5	SR13	10/7/2019 23:25	29.04	76.0	5.48	3.8
SR13	10/7/2019 5:30	28.99	74.0	5.37	4.6	SR13	10/7/2019 11:30	28.91	76.3	5.53	4.4	SR13	10/7/2019 17:30	28.93	75.7	5.45	4.4	SR13	10/7/2019 23:30	29.07	75.6	5.46	4.2
SR13	10/7/2019 5:35	28.97	74.7	5.41	3.5	SR13	10/7/2019 11:35	28.82	75.2	5.43	3.6	SR13	10/7/2019 17:35	29.04	76.2	5.49	3.8	SR13	10/7/2019 23:35	29.10	74.3	5.37	4.4
SR13	10/7/2019 5:40	29.01	74.0	5.35	4.5	SR13	10/7/2019 11:40	28.82	75.0	5.42	5.5	SR13	10/7/2019 17:40	29.04	74.1	5.33	3.7	SR13	10/7/2019 23:40	29.08	75.1	5.41	2.9
SR13	10/7/2019 5:45	28.98	73.9	5.36	5.4	SR13	10/7/2019 11:45	28.86	74.5	5.36	4.5	SR13	10/7/2019 17:45	29.04	74.7	5.37	3.4	SR13	10/7/2019 23:45	29.07	76.5	5.48	3.7
SR13	10/7/2019 5:50	29.00	73.2	5.27	4.8	SR13	10/7/2019 11:50	28.83	75.6	5.45	4.3	SR13	10/7/2019 17:50	29.08	75.1	5.43	4.6	SR13	10/7/2019 23:50	28.97	76.0	5.48	3.6
SR13	10/7/2019 5:55	29.00	74.0	5.34	6.7	SR13	10/7/2019 11:55	28.82	75.4	5.44	4.2	SR13	10/7/2019 17:55	29.06	75.5	5.46	8.3	SR13	10/7/2019 23:55	28.96	76.8	5.53	3.5

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	10/7/2019 0:17	0.17				SR12	10/7/2019 0:17	0.11			
SR4	10/7/2019 0:37	0.18				SR12	10/7/2019 0:37	0.10			
SR4	10/7/2019 0:57	0.16				SR12	10/7/2019 0:57	0.12			
SR4	10/7/2019 1:17	0.16				SR12	10/7/2019 1:17	0.10			
SR4	10/7/2019 1:37	0.18				SR12	10/7/2019 1:37	0.10			
SR4	10/7/2019 1:57	0.16				SR12	10/7/2019 1:57	0.11			
SR4	10/7/2019 2:17	0.16				SR12	10/7/2019 2:17	0.12			
SR4	10/7/2019 2:37	0.16				SR12	10/7/2019 2:37	0.13			
SR4	10/7/2019 2:57	0.15				SR12	10/7/2019 2:57	0.13			
SR4	10/7/2019 3:17	0.16				SR12	10/7/2019 3:17	0.10			
SR4	10/7/2019 3:37	0.15				SR12	10/7/2019 3:37	0.11			
SR4	10/7/2019 3:57	0.15				SR12	10/7/2019 3:57	0.11			
SR4	10/7/2019 4:17	0.15				SR12	10/7/2019 4:17	0.10			
SR4	10/7/2019 4:37	0.16				SR12	10/7/2019 4:37	0.12			
SR4	10/7/2019 4:57	0.15				SR12	10/7/2019 4:57	0.13			
SR4	10/7/2019 5:17	0.15				SR12	10/7/2019 5:17	0.14			
SR4	10/7/2019 5:37	0.16				SR12	10/7/2019 5:37	0.14			
SR4	10/7/2019 5:57	0.16				SR12	10/7/2019 5:57	0.15			
SR4						SR12					
SR4	10/7/2019 6:37	0.16				SR12	10/7/2019 6:37	0.15			
SR4	10/7/2019 6:57	0.15				SR12	10/7/2019 6:57	0.14			
SR4	10/7/2019 7:17	0.15				SR12	10/7/2019 7:17	0.15			
SR4	10/7/2019 7:37	0.15				SR12	10/7/2019 7:37	0.15			
SR4	10/7/2019 7:57	0.17				SR12	10/7/2019 7:57	0.15			
SR4	10/7/2019 8:17	0.14				SR12	10/7/2019 8:17	0.17			
SR4	10/7/2019 8:37	0.14				SR12	10/7/2019 8:37	0.16			
SR4	10/7/2019 8:57	0.15				SR12	10/7/2019 8:57	0.17			
SR4	10/7/2019 9:17	0.17				SR12	10/7/2019 9:17	0.17			
SR4	10/7/2019 9:37	0.14				SR12	10/7/2019 9:37	0.17			
SR4	10/7/2019 9:57	0.17				SR12	10/7/2019 9:57	0.19			
SR4	10/7/2019 10:17	0.14				SR12	10/7/2019 10:17	0.18			
SR4	10/7/2019 10:37	0.14				SR12	10/7/2019 10:37	0.18			
SR4	10/7/2019 10:57	0.16				SR12	10/7/2019 10:57	0.17			
SR4	10/7/2019 11:17	0.14				SR12	10/7/2019 11:17	0.17			
SR4	10/7/2019 11:37	0.16				SR12	10/7/2019 11:37	0.19			
SR4	10/7/2019 11:57	0.14				SR12	10/7/2019 11:57	0.17			
SR4	10/7/2019 12:17	0.17				SR12	10/7/2019 12:17	0.18			
SR4	10/7/2019 12:37	0.16				SR12	10/7/2019 12:37	0.17			
SR4	10/7/2019 12:57	0.14				SR12	10/7/2019 12:57	0.17			
SR4	10/7/2019 13:17	0.14				SR12	10/7/2019 13:17	0.19			
SR4	10/7/2019 13:37	0.15				SR12	10/7/2019 13:37	0.18			
SR4	10/7/2019 13:57	0.14				SR12	10/7/2019 13:57	0.18			
SR4	10/7/2019 14:17	0.14				SR12	10/7/2019 14:17	0.19			
SR4	10/7/2019 14:37	0.13				SR12	10/7/2019 14:37	0.19			
SR4	10/7/2019 14:57	0.15				SR12	10/7/2019 14:57	0.17			
SR4	10/7/2019 15:17	0.12				SR12	10/7/2019 15:17	0.19			
SR4	10/7/2019 15:37	0.12				SR12	10/7/2019 15:37	0.19			
SR4	10/7/2019 15:57	0.13				SR12	10/7/2019 15:57	0.19			
SR4	10/7/2019 16:17	0.13				SR12	10/7/2019 16:17	0.17			
SR4	10/7/2019 16:37	0.13				SR12	10/7/2019 16:37	0.19			
SR4	10/7/2019 16:57	0.12				SR12	10/7/2019 16:57	0.18			
SR4	10/7/2019 17:17	0.12				SR12	10/7/2019 17:17	0.17			
SR4	10/7/2019 17:37	0.15				SR12	10/7/2019 17:37	0.19			
SR4	10/7/2019 17:57	0.14				SR12	10/7/2019 17:57	0.17			
SR4	10/7/2019 18:17	0.13				SR12	10/7/2019 18:17	0.18			
SR4	10/7/2019 18:37	0.13				SR12	10/7/2019 18:37	0.17			
SR4	10/7/2019 18:57	0.13				SR12	10/7/2019 18:57	0.17			
SR4	10/7/2019 19:17	0.15				SR12	10/7/2019 19:17	0.18			
SR4	10/7/2019 19:37	0.13				SR12	10/7/2019 19:37	0.19			
SR4	10/7/2019 19:57	0.14				SR12	10/7/2019 19:57	0.19			
SR4	10/7/2019 20:17	0.14				SR12	10/7/2019 20:17	0.17			
SR4	10/7/2019 20:37	0.12				SR12	10/7/2019 20:37	0.17			
SR4	10/7/2019 20:57	0.14				SR12	10/7/2019 20:57	0.18			
SR4	10/7/2019 21:17	0.15				SR12	10/7/2019 21:17	0.18			
SR4	10/7/2019 21:37	0.13				SR12	10/7/2019 21:37	0.19			
SR4	10/7/2019 21:57	0.13				SR12	10/7/2019 21:57	0.19			
SR4	10/7/2019 22:17	0.14				SR12	10/7/2019 22:17	0.19			
SR4	10/7/2019 22:37	0.13				SR12	10/7/2019 22:37	0.19			
SR4	10/7/2019 22:57	0.12				SR12	10/7/2019 22:57	0.18			
SR4	10/7/2019 23:17	0.12				SR12	10/7/2019 23:17	0.20			
SR4	10/7/2019 23:37	0.13				SR12	10/7/2019 23:37	0.19			
SR4	10/7/2019 23:57	0.14				SR12	10/7/2019 23:57	0.19			

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	10/8/2019 0:01	29.16	76.7	5.04	1.2	SR4	10/8/2019 6:01	29.11	67.2	4.48	1.1	SR4	10/8/2019 12:01	29.31	84.1	5.52	4.0	SR4	10/8/2019 18:01	29.20	73.8	4.91	7.5
SR4	10/8/2019 0:06	29.17	78.9	5.27	1.1	SR4	10/8/2019 6:06	29.06	63.9	4.20	1.5	SR4	10/8/2019 12:06	29.35	81.4	5.35	3.6	SR4	10/8/2019 18:06	29.20	72.6	4.83	4.8
SR4	10/8/2019 0:11	28.97	59.4	3.98	3.1	SR4	10/8/2019 6:11	29.09	70.7	4.74	1.7	SR4	10/8/2019 12:11	29.37	77.4	5.12	2.8	SR4	10/8/2019 18:11	29.19	75.0	4.95	5.3
SR4	10/8/2019 0:16	29.12	78.8	5.20	1.8	SR4	10/8/2019 6:16	29.06	67.4	4.40	0.9	SR4	10/8/2019 12:16	29.35	80.0	5.24	3.1	SR4	10/8/2019 18:16	29.17	76.4	5.08	4.0
SR4	10/8/2019 0:21	29.13	79.1	5.20	1.0	SR4	10/8/2019 6:21	28.94	68.4	4.58	2.9	SR4	10/8/2019 12:21	29.30	76.4	5.02	5.1	SR4	10/8/2019 18:21	29.17	77.0	5.06	4.0
SR4	10/8/2019 0:26	29.16	80.1	5.27	1.6	SR4	10/8/2019 6:26	28.96	71.0	4.70	1.3	SR4	10/8/2019 12:26	29.31	79.6	5.22	3.7	SR4	10/8/2019 18:26	29.17	70.9	4.75	3.7
SR4	10/8/2019 0:31	29.17	76.0	5.04	1.9	SR4	10/8/2019 6:31	28.96	74.9	4.95	1.0	SR4	10/8/2019 12:31	29.29	78.6	5.16	2.9	SR4	10/8/2019 18:31	29.13	71.2	4.70	3.2
SR4	10/8/2019 0:36	29.17	73.0	4.86	1.5	SR4	10/8/2019 6:36	29.02	75.4	4.95	1.0	SR4	10/8/2019 12:36	29.27	81.2	5.33	8.7	SR4	10/8/2019 18:36	29.14	70.7	4.63	3.0
SR4	10/8/2019 0:41	29.08	70.9	4.66	1.9	SR4	10/8/2019 6:41	29.02	75.9	5.05	1.5	SR4	10/8/2019 12:41	29.30	80.3	5.28	3.1	SR4	10/8/2019 18:41	29.20	68.9	4.58	4.5
SR4	10/8/2019 0:46	28.98	74.3	4.85	1.2	SR4	10/8/2019 6:46	29.05	75.8	5.05	1.7	SR4	10/8/2019 12:46	29.32	80.8	5.30	2.7	SR4	10/8/2019 18:46	29.18	71.9	4.72	4.7
SR4	10/8/2019 0:51	29.14	70.9	4.71	1.3	SR4	10/8/2019 6:51	29.04	73.3	4.83	1.3	SR4	10/8/2019 12:51	29.36	79.1	5.19	2.3	SR4	10/8/2019 18:51	29.19	69.4	4.54	4.8
SR4	10/8/2019 0:56	29.18	75.2	4.91	1.7	SR4	10/8/2019 6:56	29.04	69.5	4.63	3.2	SR4	10/8/2019 12:56	29.34	82.7	5.42	2.4	SR4	10/8/2019 18:56	29.19	71.7	4.73	6.2
SR4	10/8/2019 1:01	29.17	78.1	5.15	1.7	SR4	10/8/2019 7:01	29.03	74.1	4.97	2.3	SR4	10/8/2019 13:01	29.34	81.0	5.32	2.9	SR4	10/8/2019 19:01	29.21	70.6	4.68	5.9
SR4	10/8/2019 1:06	29.02	76.0	5.08	0.9	SR4	10/8/2019 7:06	29.02	75.6	4.98	1.6	SR4	10/8/2019 13:06	29.43	81.1	5.31	2.6	SR4	10/8/2019 19:06	29.21	73.1	4.79	5.6
SR4	10/8/2019 1:11	29.02	74.2	4.97	2.2	SR4	10/8/2019 7:11	29.01	73.8	4.95	1.3	SR4	10/8/2019 13:11	29.56	71.9	4.73	3.0	SR4	10/8/2019 19:11	29.21	70.1	4.59	5.0
SR4	10/8/2019 1:16	29.11	75.0	4.97	1.6	SR4	10/8/2019 7:16	29.03	72.8	4.85	2.8	SR4	10/8/2019 13:16	29.44	79.1	5.16	2.4	SR4	10/8/2019 19:16	29.21	68.5	4.58	5.6
SR4	10/8/2019 1:21	29.04	74.7	4.96	1.4	SR4	10/8/2019 7:21	28.94	70.2	4.60	1.5	SR4	10/8/2019 13:21	29.38	81.0	5.42	2.1	SR4	10/8/2019 19:21	29.20	67.7	4.42	4.9
SR4	10/8/2019 1:26	29.09	71.2	4.74	1.0	SR4	10/8/2019 7:26	29.01	73.2	4.81	2.5	SR4	10/8/2019 13:26	29.38	79.8	5.35	1.7	SR4	10/8/2019 19:26	29.20	65.8	4.41	5.2
SR4	10/8/2019 1:31	28.99	68.3	4.58	1.7	SR4	10/8/2019 7:31	29.04	75.2	4.91	1.2	SR4	10/8/2019 13:31	29.44	80.4	5.32	2.7	SR4	10/8/2019 19:31	29.19	71.3	4.66	7.2
SR4	10/8/2019 1:36	28.97	70.9	4.63	1.2	SR4	10/8/2019 7:36	29.04	74.9	4.99	1.2	SR4	10/8/2019 13:36	29.55	74.9	4.99	4.1	SR4	10/8/2019 19:36	29.20	68.9	4.59	5.4
SR4	10/8/2019 1:41	28.98	67.3	4.47	2.7	SR4	10/8/2019 7:41	29.00	74.6	4.88	1.2	SR4	10/8/2019 13:41	29.61	59.5	3.94	3.5	SR4	10/8/2019 19:41	29.20	68.4	4.53	4.0
SR4	10/8/2019 1:46	29.02	67.1	4.39	1.0	SR4	10/8/2019 7:46	29.08	75.3	5.01	1.4	SR4	10/8/2019 13:46	29.56	84.4	5.67	2.5	SR4	10/8/2019 19:46	29.17	68.2	4.46	3.4
SR4	10/8/2019 1:51	29.10	67.6	4.50	1.8	SR4	10/8/2019 7:51	29.05	77.2	5.12	1.8	SR4	10/8/2019 13:51	29.68	74.3	4.99	3.5	SR4	10/8/2019 19:51	29.15	71.0	4.64	3.8
SR4	10/8/2019 1:56	28.96	62.6	4.11	0.9	SR4	10/8/2019 7:56	29.05	74.8	4.99	1.0	SR4	10/8/2019 13:56	29.75	78.3	5.19	2.9	SR4	10/8/2019 19:56	29.12	70.5	4.68	3.1
SR4	10/8/2019 2:01	29.02	70.9	4.68	1.5	SR4	10/8/2019 8:01	29.05	77.0	5.03	1.2	SR4	10/8/2019 14:01	29.73	65.8	4.42	2.6	SR4	10/8/2019 20:01	29.11	72.1	4.73	3.2
SR4	10/8/2019 2:06	29.08	78.1	5.20	1.2	SR4	10/8/2019 8:06	29.10	77.5	5.12	1.6	SR4	10/8/2019 14:06	29.80	62.0	4.09	2.9	SR4	10/8/2019 20:06	29.08	72.2	4.73	2.9
SR4	10/8/2019 2:11	29.09	76.9	5.12	1.2	SR4	10/8/2019 8:11	29.07	75.0	4.99	1.2	SR4	10/8/2019 14:11	29.71	67.6	4.48	2.8	SR4	10/8/2019 20:11	29.04	71.6	4.73	2.3
SR4	10/8/2019 2:16	29.08	77.4	5.05	1.4	SR4	10/8/2019 8:16	29.09	78.1	5.13	1.3	SR4	10/8/2019 14:16	29.85	72.1	4.76	3.0	SR4	10/8/2019 20:16	29.06	70.6	4.61	2.6
SR4	10/8/2019 2:21	29.10	81.0	5.31	1.8	SR4	10/8/2019 8:21	29.09	78.7	5.24	1.2	SR4	10/8/2019 14:21	29.76	78.0	5.12	4.1	SR4	10/8/2019 20:21	29.08	75.1	4.97	3.4
SR4	10/8/2019 2:26	29.15	74.7	4.98	1.8	SR4	10/8/2019 8:26	29.10	80.1	5.23	1.5	SR4	10/8/2019 14:26	29.96	79.5	5.32	4.0	SR4	10/8/2019 20:26	29.09	71.4	4.77	2.0
SR4	10/8/2019 2:31	29.15	70.6	4.72	1.6	SR4	10/8/2019 8:31	29.12	74.8	4.99	1.9	SR4	10/8/2019 14:31	30.04	57.4	3.85	4.6	SR4	10/8/2019 20:31	29.03	79.0	5.18	3.7
SR4	10/8/2019 2:36	29.16	76.8	5.10	2.1	SR4	10/8/2019 8:36	29.12	80.5	5.29	1.3	SR4	10/8/2019 14:36	29.91	57.6	3.80	3.0	SR4	10/8/2019 20:36	29.00	77.6	5.14	2.8
SR4	10/8/2019 2:41	29.16	83.5	5.46	2.8	SR4	10/8/2019 8:41	29.14	79.7	5.32	5.7	SR4	10/8/2019 14:41	29.74	73.4	4.83	2.5	SR4	10/8/2019 20:41	29.00	78.8	5.25	2.2
SR4	10/8/2019 2:46	29.15	82.5	5.48	2.1	SR4	10/8/2019 8:46	29.15	78.7	5.27	2.3	SR4	10/8/2019 14:46	29.60	68.9	4.59	3.1	SR4	10/8/2019 20:46	29.02	78.8	5.15	2.6
SR4	10/8/2019 2:51	29.15	81.7	5.43	2.0	SR4	10/8/2019 8:51	29.14	79.2	5.24	2.3	SR4	10/8/2019 14:51	29.45	77.2	5.17	4.9	SR4	10/8/2019 20:51	29.01	76.4	5.08	1.8
SR4	10/8/2019 2:56	29.16	78.4	5.18	1.7	SR4	10/8/2019 8:56	29.13	80.9	5.36	2.1	SR4	10/8/2019 14:56	29.44	75.3	5.02	3.4	SR4	10/8/2019 20:56	29.01	74.7	4.92	1.9
SR4	10/8/2019 3:01	29.17	76.4	5.10	2.2	SR4	10/8/2019 9:01	29.15	79.5	5.32	2.2	SR4	10/8/2019 15:01	29.42	74.3	4.94	3.5	SR4	10/8/2019 21:01	28.99	77.1	5.18	1.9
SR4	10/8/2019 3:06	29.17	74.3	4.86	2.9	SR4	10/8/2019 9:06	29.15	81.3	5.43	2.0	SR4	10/8/2019 15:06	29.33	75.8	5.08	5.4	SR4	10/8/2019 21:06	29.04	76.6	5.15	2.3
SR4	10/8/2019 3:11	29.17	73.5	4.93	1.9	SR4	10/8/2019 9:11	29.17	83.1	5.45	1.9	SR4	10/8/2019 15:11	29.63	65.3	4.30	2.7	SR4	10/8/2019 21:11	29.03	77.9	5.09	2.2
SR4	10/8/2019 3:16	29.18	78.3	5.15	2.5	SR4	10/8/2019 9:16	29.20	83.0	5.42	**13.4**	SR4	10/8/2019 15:16	29.63	62.8	4.22	2.1	SR4	10/8/2019 21:16	29.03	76.9	5.12	2.3
SR4	10/8/2019 3:21	29.17	76.8	5.03	2.7	SR4	10/8/2019 9:21	29.17	77.9	5.17	1.9	SR4	10/8/2019 15:21	29.45	65.9	4.42	4.5	SR4	10/8/2019 21:21	29.01	80.7	5.30	2.2
SR4	10/8/2019 3:26	29.17	76.0	5.01	3.3	SR4	10/8/2019 9:26	29.30	71.2	4.76	1.1	SR4	10/8/2019 15:26	29.13	81.1	5.41	5.3	SR4	10/8/2019 21:26	29.01	79.9	5.28	2.4
SR4	10/8/2019 3:31	29.17	75.0	4.97	4.2	SR4	10/8/2019 9:31	29.20	77.5	5.18	1.9	SR4	10/8/2019 15:31	29.15	79.9	5.34	4.8	SR4	10/8/2019 21:31	29.02	77.0	5.17	2.0
SR4	10/8/2019 3:36	29.17	75.3	4.98	3.4	SR4	10/8/2019 9:36	29.23	75.7	4.99	1.4	SR4	10/8/2019 15:36	29.12	81.7	5.37	5.7	SR4	10/8/2019 21:36	29.02	77.2	5.09	1.9
SR4	10/8/2019 3:41	29.17	73.8	4.95	2.8	SR4	10/8/2019 9:41	29.19	76.4	5.01	2.4	SR4	10/8/2019 15:41	29.13	79.9	5.30	6.4	SR4	10/8/2019 21:41	29.03	77.4	5.20	1.8
SR4	10/8/2019 3:46	29.18	73.4	4.85	2.8	SR4	10/8/2019 9:46	29.22	74.6	4.98	1.8	SR4	10/8/2019 15:46	29.13	79.6	5.32	6.1	SR4	10/8/2019 21:46	28.92	72.9	4.77	1.7
SR4	10/8/2019 3:51	29.18	72.0	4.71	1.4	SR4	10/8/2019 9:51	29.23	78.8	5.27	2.4	SR4	10/8/2019 15:51	29.12	79.6	5.34	5.1	SR4	10/8/2019 21:51	28.88	70.0	4.62	1.6
SR4	10/8/2019 3:56	29.19	71.2	4.74	1.5	SR4	10/8/2019 9:56	29.23	79.1	5.19	2.7	SR4	10/8/2019 15:56	29.12	79.2	5.23	5.7	SR4	10/8/2019 21:56	28.92	72.6	4.84	1.7
SR4	10/8/2019 4:01	29.19	68.9	4.55	1.3	SR4	10/8/2019 10:01	29.24	78.7	5.24	4.4	SR4	10/8/2019 16:01	29.32	77.7	5.20	4.0	SR4	10/8/2019 22:01	28.94	70.8	4.72	1.7
SR4	10/8/2019 4:06	29.19	70.5	4.64	2.9	SR4	10/8/2019 10:06	29.28	78.9	5.30	2.5	SR4	10/8/2019 16:06	29.32	77.0	5.12	3.4	SR4	10/8/2019 22:06	28.87	67.6	4.54	1.9
SR4	10/8/2019 4:11	29.18	72.5	4.74	2.6	SR4	10/8/2019 10:11	29.35	81.1	5.45	1.5	SR4	10/8/2019 16:11	29.33	73.4	4.92	3.7	SR4	10/8/2019 22:11	28.89	65.8	4.41	1.6
SR4	10/8/2019 4:16	29.18	72.6	4.84	3.3	SR4	10/8/2019 10:16	29.34	80.7	5.30	2.2	SR4	10/8/2019 16:16	29.31	76.4	5.13	3.5	SR4	10/8/2019 22:16	28.98	66.8	4.44	1.7
SR4	10/8/2019 4:21	29.18	71.5	4.70	2.7	SR4	10/8/2019 10:21	29.38	80.7	5.31	2.0	SR4	10/8/2019 16:21	29.27	76.7	5.09	3.1	SR4	10/8/2019 22:21	29.00	65.6	4.40	1.3
SR4	10/8/2019 4:26	29.18	71.0	4.73	1.4	SR4	10/8/2019 10:26	29.31	80.6	5.35	2.3	SR4	10/8/2019 16:26	29.18	73.7	4.91	5.6	SR4	10/8/2019 22:26	29.00	65.1	4.32	1.2
SR4	10/8/2019 4:31	29.18	70.9	4.73	1.9	SR4	10/8/2019 10:31	29.48	75.9	5.09	1.1	SR4	10/8/2019 16:31	29.17	76.1	5.09	7.0	SR4	10/8/2019 22:31	29.02	67.8	4.44	1.4
SR4	10/8/2019 4:36	29.18	74.4	4.97	2.3	SR4	10/8/2019 10:36	29.42	75.9	4.99	2.2	SR4	10/8/2019 16:36	29.18	75.6	4.96	5.1	SR4	10/8/2019 22:36	29.04	69.9	4.68	1.8
SR4	10/8/2019 4:41	29.18	75.5	4.94	3.0	SR4	10/8/2019 10:41	29.53	69.7	4.66	1.1	SR4	10/8/2019 16:41	29.17	75.7	4.96	6.2	SR4	10/8/2019 22:41	29.02	63.3	4.19	1.3
SR4	10/8/2019 4:46	29.16	69.9	4.59	1.4	SR4	10/8/2019 10:46	29.46	75.8	4.96	1.5	SR4	10/8/2019 16:46	29.18	73.7	4.95	4.7	SR4	10/8/2019 22:46	28.99	65.1	4.26	1.4
SR4	10/8/2019 4:51	29.18	74.2	4.96	2.0	SR4	10/8/2019 10:51	29.43	68.9	4.61	2.0	SR4	10/8/2019 16:51	29.19	73.8	4.90	4.4	SR4	10/8/2019 22:51	28.98	70.4	4.62	1.6
SR4	10/8/2019 4:56	29.18	73.2	4.82	1.0	SR4	10/8/2019 10:56	29.38	76.7	5.13	3.1	SR4	10/8/2019 16:56	29.18	73.1	4.85	5.9	SR4	10/8/2019 22:56	29.00	69.6	4.58	1.4
SR4	10/8/2019 5:01	29.17	74.4	4.86	1.9	SR4	10/8/2019 11:01	29.36	78.1	5.23	3.1	SR4	10/8/2019 17:01	29.18	72.6	4.84	5.7	SR4	10/8/2019 23:01	28.97	72.1	4.73	1.4
SR4	10/8/2019 5:06	29.17	69.5	4.66	1.7	SR4	10/8/2019 11:06	29.38	78.0	5.21	2.9	SR4	10/8/2019 17:06	29.15	77.5	5.08	4.7	SR4	10/8/2019 23:06	28.99	67.4	4.48	1.0
SR4	10/8/2019 5:11	29.17	67.9	4.46	0.9	SR4	10/8/2019 11:11	29.39	80.6	5.28	3.2	SR4	10/8/2019 17:11	29.16	72.5	4.83	5.4	SR4	10/8/2019 23:11	29.00	71.9	4.71	1.3
SR4	10/8/2019 5:16	29.14	65.6	4.38	1.5	SR4	10/8/2019 11:16	29.40	77.3	5.19	3.9	SR4	10/8/2019 17:16	29.18	75.5	5.04	7.2	SR4	10/8/2019 23:16	29.01	69.3	4.59	1.1
SR4	10/8/2019 5:21	29.11	66.2	4.42	1.2	SR4	10/8/2019 11:21	29.38	81.3	5.41	2.8	SR4	10/8/2019 17:21	29.17	72.0	4.83	4.3	SR4	10/8/2019 23:21	28.98	67.6	4.48	2.3
SR4	10/8/2019 5:26	29.16	73.9	4.88	2.3	SR4	10/8/2019 11:26	29.50	68.4	4.55	2.3	SR4	10/8/2019 17:26	29.18	72.0	4.75	5.2	SR4	10/8/2019 23:26	29.00	66.7	4.38	0.9
SR4	10/8/2019 5:31	29.15	72.4	4.84	2.0	SR4	10/8/2019 11:31	29.46	79.2	5.20	2.5	SR4	10/8/2019 17:31	29.19	74.5	4.99	5.0	SR4	10/8/2019 23:31	29.03	68.8	4.50	1.0
SR4	10/8/2019 5:36	29.15	74.2	4.87	2.0	SR4	10/8/2019 11:36	29.46	80.0	5.34	2.8	SR4	10/8/2019 17:36	29.19	75.0	4.91	4.0	SR4	10/8/2019 23:36	29.01	65.1	4.31	2.5
SR4	10/8/2019 5:41	29.14	74.4	4.88	2.6	SR4	10/8/2019 11:41	29.43	80.3	5.39	2.7	SR4	10/8/2019 17:41	29.20	73.1	4.84	5.3	SR4	10/8/2019 23:41	29.04	69.6	4.64	1.6
SR4	10/8/2019 5:46	29.11	67.8	4.44	0.9	SR4	10/8/2019 11:46	29.37	77.8	5.08	3.0	SR4	10/8/2019 17:46	29.20	72.7	4.81	4.0	SR4	10/8/2019 23:46	29.05	66.1	4.43	1.1
SR4	10/8/2019 5:51	29.10	66.7	4.37	1.1	SR4	10/8/2019 11:51	29.40	76.5	5.07	2.2	SR4	10/8/2019 17:51	29.18	71.8	4.77	4.0	SR4	10/8/2019 23:51	29.04	66.9	4.41	1.3
SR4	10/8/2019 5:56	29.12	68.8	4.54	1.2	SR4	10/8/2019 11:56	29.37	75.3	5.02	3.0	SR4	10/8/2019 17:56	29.21	72.6	4.80	7.1	SR4	10/8/2019 23:56	28.93	69.2	4.59	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)
SR5	10/8/2019 0:00	29.08	74.9	5.23	5.8	SR5	10/8/2019 6:00	28.91	76.9	5.37	6.5	SR5	10/8/2019 12:00	29.05	84.5	5.46	5.6	SR5	10/8/2019 18:00	29.18	78.1	5.47	5.9
SR5	10/8/2019 0:05	29.07	77.2	5.40	6.4	SR5	10/8/2019 6:05	28.94	75.5	5.26	6.8	SR5	10/8/2019 12:05	28.98	83.4	5.39	4.9	SR5	10/8/2019 18:05	29.18	77.0	5.38	4.8
SR5	10/8/2019 0:10	29.04	76.8	5.37	4.9	SR5	10/8/2019 6:10	28.95	77.8	5.43	6.0	SR5	10/8/2019 12:10	28.99	83.5	5.39	5.8	SR5	10/8/2019 18:10	29.19	75.6	5.27	6.3
SR5	10/8/2019 0:15	29.03	75.5	5.26	4.7	SR5	10/8/2019 6:15	28.96	77.1	5.38	5.5	SR5	10/8/2019 12:15	29.01	83.5	5.39	4.4	SR5	10/8/2019 18:15	29.19	78.4	5.48	5.2
SR5	10/8/2019 0:20	29.02	74.7	5.43	6.1	SR5	10/8/2019 6:20	28.97	74.6	5.20	5.9	SR5	10/8/2019 12:20	29.02	83.9	5.41	4.9	SR5	10/8/2019 18:20	29.18	76.3	5.32	5.8
SR5	10/8/2019 0:25	29.02	72.0	5.23	6.5	SR5	10/8/2019 6:25	28.97	76.8	5.36	5.1	SR5	10/8/2019 12:25	29.03	82.8	5.34	5.4	SR5	10/8/2019 18:25	29.18	75.5	5.27	5.2
SR5	10/8/2019 0:30	29.02	75.4	5.49	6.2	SR5	10/8/2019 6:30	28.96	74.9	5.21	6.5	SR5	10/8/2019 12:30	29.05	81.3	5.24	4.4	SR5	10/8/2019 18:30	29.17	75.4	5.26	5.5
SR5	10/8/2019 0:35	29.03	76.5	5.57	6.0	SR5	10/8/2019 6:35	28.97	74.8	5.21	5.2	SR5	10/8/2019 12:35	29.05	82.2	5.30	5.9	SR5	10/8/2019 18:35	29.17	75.6	5.29	4.7
SR5	10/8/2019 0:40	29.02	73.3	5.33	6.0	SR5	10/8/2019 6:40	28.97	75.7	5.28	5.7	SR5	10/8/2019 12:40	29.04	84.0	5.42	5.7	SR5	10/8/2019 18:40	29.17	73.9	5.15	6.4
SR5	10/8/2019 0:45	29.02	76.4	5.34	6.7	SR5	10/8/2019 6:45	28.97	78.1	5.46	6.3	SR5	10/8/2019 12:45	29.06	84.3	5.44	4.7	SR5	10/8/2019 18:45	29.16	76.3	5.34	4.6
SR5	10/8/2019 0:50	29.02	73.0	**5.09**	5.6	SR5	10/8/2019 6:50	28.98	76.5	5.34	5.9	SR5	10/8/2019 12:50	29.06	84.0	5.42	4.8	SR5	10/8/2019 18:50	29.17	74.6	5.21	4.5
SR5	10/8/2019 0:55	29.03	76.3	5.34	5.6	SR5	10/8/2019 6:55	28.98	77.9	5.45	7.6	SR5	10/8/2019 12:55	29.23	84.8	5.46	5.3	SR5	10/8/2019 18:55	29.17	75.8	5.30	4.6
SR5	10/8/2019 1:00	29.00	75.5	5.28	5.3	SR5	10/8/2019 7:00	28.98	75.6	5.27	6.7	SR5	10/8/2019 13:00	29.20	84.7	5.46	5.3	SR5	10/8/2019 19:00	29.17	75.5	5.28	5.7
SR5	10/8/2019 1:05	28.98	73.6	5.14	5.2	SR5	10/8/2019 7:05	28.88	76.3	5.32	6.5	SR5	10/8/2019 13:05	29.35	87.3	5.62	4.7	SR5	10/8/2019 19:05	29.17	75.8	5.30	5.4
SR5	10/8/2019 1:10	28.99	76.5	5.34	6.9	SR5	10/8/2019 7:10	28.62	78.4	5.48	6.4	SR5	10/8/2019 13:10	29.42	87.6	5.63	4.6	SR5	10/8/2019 19:10	29.17	75.7	5.30	4.6
SR5	10/8/2019 1:15	28.99	75.5	5.28	6.3	SR5	10/8/2019 7:15	28.77	76.7	5.35	5.9	SR5	10/8/2019 13:15	29.30	85.7	5.51	5.3	SR5	10/8/2019 19:15	29.16	72.4	5.26	5.3
SR5	10/8/2019 1:20	28.99	73.9	5.16	6.9	SR5	10/8/2019 7:20	28.68	80.9	5.68	7.1	SR5						SR5	10/8/2019 19:20	29.16	75.8	5.52	4.9
SR5	10/8/2019 1:25	29.00	75.7	5.29	5.4	SR5	10/8/2019 7:25	28.83	80.0	5.59	6.3	SR5						SR5	10/8/2019 19:25	29.16	74.4	5.43	5.4
SR5	10/8/2019 1:30	28.99	74.5	5.19	6.3	SR5	10/8/2019 7:30	28.83	77.8	5.43	6.6	SR5						SR5	10/8/2019 19:30	29.11	75.3	5.49	4.9
SR5	10/8/2019 1:35	29.00	77.9	5.45	5.1	SR5	10/8/2019 7:35	28.80	78.6	5.49	5.6	SR5	10/8/2019 13:35	29.26	85.2	5.49	4.6	SR5	10/8/2019 19:35	29.16	75.5	5.50	6.0
SR5	10/8/2019 1:40	28.99	75.6	5.27	5.9	SR5	10/8/2019 7:40	28.85	79.4	5.55	6.1	SR5	10/8/2019 13:40	29.21	85.1	5.48	5.7	SR5	10/8/2019 19:40	29.16	70.3	**5.11**	4.9
SR5	10/8/2019 1:45	28.99	75.0	5.23	6.8	SR5	10/8/2019 7:45	28.84	78.6	5.49	6.7	SR5	10/8/2019 13:45	29.23	85.0	5.48	4.5	SR5	10/8/2019 19:45	29.16	72.7	5.29	4.7
SR5	10/8/2019 1:50	29.00	75.3	5.26	6.3	SR5	10/8/2019 7:50	28.85	78.0	5.44	7.1	SR5	10/8/2019 13:50	29.22	84.9	5.47	5.1	SR5	10/8/2019 19:50	29.16	71.4	5.19	6.0
SR5	10/8/2019 1:55	28.99	74.6	5.42	5.7	SR5	10/8/2019 7:55	28.86	80.2	5.61	6.0	SR5	10/8/2019 13:55	29.30	85.0	5.47	7.0	SR5	10/8/2019 19:55	29.16	71.3	5.19	4.6
SR5	10/8/2019 2:00	29.00	73.6	5.34	4.7	SR5	10/8/2019 8:00	28.87	79.1	5.53	6.0	SR5	10/8/2019 14:00	29.32	84.6	5.44	4.9	SR5	10/8/2019 20:00	29.16	73.8	5.37	5.8
SR5	10/8/2019 2:05	28.99	75.7	5.29	5.5	SR5	10/8/2019 8:05	28.89	78.9	5.52	6.3	SR5	10/8/2019 14:05	29.28	85.1	5.48	5.7	SR5	10/8/2019 20:05	29.16	72.4	5.27	6.0
SR5	10/8/2019 2:10	28.99	76.3	5.33	5.6	SR5	10/8/2019 8:10	28.88	79.0	5.53	7.6	SR5	10/8/2019 14:10	29.26	84.6	5.44	5.0	SR5	10/8/2019 20:10	29.15	72.7	5.30	5.4
SR5	10/8/2019 2:15	28.99	74.8	5.22	6.3	SR5	10/8/2019 8:15	28.89	76.8	5.37	5.9	SR5	10/8/2019 14:15	29.25	84.3	5.43	5.6	SR5	10/8/2019 20:15	29.16	72.9	5.31	4.9
SR5	10/8/2019 2:20	28.99	73.7	5.14	5.5	SR5	10/8/2019 8:20	28.91	77.4	5.40	7.0	SR5	10/8/2019 14:20	29.24	84.1	5.41	4.7	SR5	10/8/2019 20:20	29.16	73.4	5.34	4.4
SR5	10/8/2019 2:25	28.99	76.5	5.35	5.6	SR5	10/8/2019 8:25	28.91	77.9	5.45	7.0	SR5	10/8/2019 14:25	29.18	83.7	5.39	5.5	SR5	10/8/2019 20:25	29.16	71.8	5.33	4.6
SR5	10/8/2019 2:30	28.99	74.7	5.21	5.3	SR5	10/8/2019 8:30	28.92	79.7	5.58	6.6	SR5	10/8/2019 14:30	29.20	82.8	5.34	5.7	SR5	10/8/2019 20:30	29.16	72.0	5.35	5.4
SR5	10/8/2019 2:35	28.98	76.5	5.34	5.3	SR5	10/8/2019 8:35	28.90	79.5	5.56	6.1	SR5	10/8/2019 14:35	29.24	83.4	5.37	5.1	SR5	10/8/2019 20:35	29.16	72.0	5.35	6.1
SR5	10/8/2019 2:40	28.99	76.9	5.37	5.1	SR5	10/8/2019 8:40	28.92	78.5	5.49	5.0	SR5	10/8/2019 14:40	29.20	83.0	5.35	4.3	SR5	10/8/2019 20:40	29.16	71.9	5.34	4.8
SR5	10/8/2019 2:45	29.01	74.1	5.38	6.8	SR5	10/8/2019 8:45	28.91	78.5	5.49	5.7	SR5	10/8/2019 14:45	29.24	83.6	5.38	5.6	SR5	10/8/2019 20:45	29.16	69.4	5.15	5.6
SR5	10/8/2019 2:50	28.95	74.0	5.38	5.9	SR5	10/8/2019 8:50	28.93	77.5	5.41	6.3	SR5	10/8/2019 14:50	29.37	84.4	5.42	4.7	SR5	10/8/2019 20:50	29.16	69.3	5.14	5.7
SR5	10/8/2019 2:55	29.03	75.9	5.51	4.9	SR5	10/8/2019 8:55	28.92	78.4	5.49	6.3	SR5	10/8/2019 14:55	29.45	85.8	5.50	5.1	SR5	10/8/2019 20:55	29.16	72.4	5.27	5.2
SR5	10/8/2019 3:00	29.05	73.4	5.33	6.8	SR5	10/8/2019 9:00	28.96	78.9	5.53	7.1	SR5	10/8/2019 15:00	29.46	85.6	5.49	4.4	SR5	10/8/2019 21:00	29.16	71.8	5.22	5.9
SR5	10/8/2019 3:05	29.01	73.6	5.35	5.4	SR5	10/8/2019 9:05	28.94	75.7	5.28	6.6	SR5	10/8/2019 15:05	29.46	86.5	5.55	5.4	SR5	10/8/2019 21:05	29.16	73.2	5.33	5.0
SR5	10/8/2019 3:10	28.98	75.7	5.51	4.8	SR5	10/8/2019 9:10	28.96	77.7	5.44	6.5	SR5	10/8/2019 15:10	29.49	87.9	5.64	4.6	SR5	10/8/2019 21:10	29.16	71.4	5.20	5.3
SR5	10/8/2019 3:15	28.90	76.0	5.54	6.5	SR5	10/8/2019 9:15	28.96	78.7	**5.07**	5.0	SR5	10/8/2019 15:15	29.45	85.7	5.50	5.3	SR5	10/8/2019 21:15	29.16	75.9	5.54	5.0
SR5	10/8/2019 3:20	28.92	71.8	5.23	6.0	SR5	10/8/2019 9:20	28.91	82.0	5.29	6.7	SR5	10/8/2019 15:20	29.45	86.4	5.54	6.0	SR5	10/8/2019 21:20	29.17	75.9	5.53	5.1
SR5	10/8/2019 3:25	28.96	73.0	5.31	5.2	SR5	10/8/2019 9:25	28.94	81.0	5.23	5.6	SR5	10/8/2019 15:25	29.37	85.2	5.47	4.7	SR5	10/8/2019 21:25	29.17	76.1	5.54	5.4
SR5	10/8/2019 3:30	28.97	76.4	5.56	6.2	SR5	10/8/2019 9:30	28.91	82.1	5.30	6.1	SR5	10/8/2019 15:30	29.27	83.8	5.39	4.6	SR5	10/8/2019 21:30	29.17	76.2	5.55	5.5
SR5	10/8/2019 3:35	28.98	74.4	5.41	7.3	SR5	10/8/2019 9:35	28.95	80.9	5.22	7.1	SR5	10/8/2019 15:35	29.36	84.8	5.44	4.7	SR5	10/8/2019 21:35	29.17	72.8	5.30	4.8
SR5	10/8/2019 3:40	29.05	73.8	5.36	7.0	SR5	10/8/2019 9:40	28.92	82.1	5.30	6.4	SR5	10/8/2019 15:40	29.29	83.8	5.39	5.4	SR5	10/8/2019 21:40	29.16	75.7	5.52	5.6
SR5	10/8/2019 3:45	29.03	74.2	5.39	7.1	SR5	10/8/2019 9:45	28.87	83.7	5.41	4.6	SR5	10/8/2019 15:45	29.27	83.5	5.36	5.0	SR5	10/8/2019 21:45	28.98	71.4	5.20	4.8
SR5	10/8/2019 3:50	29.02	73.0	5.30	6.3	SR5	10/8/2019 9:50	28.87	82.9	5.36	6.8	SR5	10/8/2019 15:50	29.25	82.9	5.32	5.6	SR5	10/8/2019 21:50	29.14	73.2	5.31	5.7
SR5	10/8/2019 3:55	29.02	76.0	5.53	6.5	SR5	10/8/2019 9:55	28.89	82.8	5.35	6.4	SR5	10/8/2019 15:55	29.29	83.5	5.36	5.3	SR5	10/8/2019 21:55	29.15	75.9	5.28	4.6
SR5	10/8/2019 4:00	28.98	74.9	5.45	7.0	SR5	10/8/2019 10:00	28.91	82.3	5.31	6.8	SR5	10/8/2019 16:00	29.30	83.4	5.36	5.6	SR5	10/8/2019 22:00	29.16	75.7	5.27	5.9
SR5	10/8/2019 4:05	28.98	75.6	5.28	6.6	SR5	10/8/2019 10:05	28.93	82.7	5.34	4.3	SR5	10/8/2019 16:05	29.28	83.3	5.35	5.1	SR5	10/8/2019 22:05	29.12	74.9	5.44	5.6
SR5	10/8/2019 4:10	28.98	75.5	5.27	6.0	SR5	10/8/2019 10:10	28.97	82.9	5.35	5.4	SR5	10/8/2019 16:10	29.22	82.3	5.29	5.3	SR5	10/8/2019 22:10	29.12	74.6	5.42	5.6
SR5	10/8/2019 4:15	28.99	74.2	5.17	5.5	SR5	10/8/2019 10:15	28.96	82.0	5.29	6.9	SR5	10/8/2019 16:15	29.22	81.4	5.23	5.4	SR5	10/8/2019 22:15	29.14	76.3	5.55	5.5
SR5	10/8/2019 4:20	28.98	75.3	5.25	5.4	SR5	10/8/2019 10:20	28.98	83.6	5.40	5.0	SR5	10/8/2019 16:20	29.22	81.5	5.24	4.8	SR5	10/8/2019 22:20	29.13	72.8	5.29	4.4
SR5	10/8/2019 4:25	28.97	74.3	5.18	6.1	SR5	10/8/2019 10:25	28.94	85.2	5.51	6.8	SR5	10/8/2019 16:25	29.17	79.5	5.57	5.7	SR5	10/8/2019 22:25	29.13	74.9	5.44	5.9
SR5	10/8/2019 4:30	28.97	75.7	5.29	7.5	SR5	10/8/2019 10:30	28.94	85.2	5.51	7.1	SR5	10/8/2019 16:30	29.18	79.3	5.55	5.2	SR5	10/8/2019 22:30	29.14	72.4	5.26	5.2
SR5	10/8/2019 4:35	28.98	76.0	5.31	5.8	SR5	10/8/2019 10:35	28.96	87.2	5.64	5.4	SR5	10/8/2019 16:35	29.18	77.4	5.40	4.8	SR5	10/8/2019 22:35	29.14	75.8	5.29	5.0
SR5	10/8/2019 4:40	29.00	74.5	5.20	7.1	SR5	10/8/2019 10:40	28.94	85.4	5.52	6.0	SR5	10/8/2019 16:40	29.18	77.1	5.38	4.8	SR5	10/8/2019 22:40	29.15	74.5	5.19	4.3
SR5	10/8/2019 4:45	29.00	75.3	5.26	6.1	SR5	10/8/2019 10:45	28.97	85.2	5.50	5.7	SR5	10/8/2019 16:45	29.18	78.2	5.46	5.1	SR5	10/8/2019 22:45	29.11	75.1	5.25	5.1
SR5	10/8/2019 4:50	29.01	77.2	5.39	5.4	SR5	10/8/2019 10:50	28.99	85.5	5.52	6.2	SR5	10/8/2019 16:50	29.18	77.8	5.44	4.5	SR5	10/8/2019 22:50	29.06	74.7	5.22	6.3
SR5	10/8/2019 4:55	28.99	76.9	5.38	5.5	SR5	10/8/2019 10:55	29.01	85.4	5.51	5.9	SR5	10/8/2019 16:55	29.18	76.0	5.30	5.3	SR5	10/8/2019 22:55	29.08	75.3	5.27	5.8
SR5	10/8/2019 5:00	28.99	76.5	5.35	7.0	SR5	10/8/2019 11:00	29.04	85.8	5.53	5.4	SR5	10/8/2019 17:00	29.18	79.4	5.56	5.7	SR5	10/8/2019 23:00	28.99	73.7	5.15	4.8
SR5	10/8/2019 5:05	29.00	74.6	5.20	6.6	SR5	10/8/2019 11:05	29.06	85.1	5.49	5.2	SR5	10/8/2019 17:05	29.18	78.0	5.46	4.9	SR5	10/8/2019 23:05	29.08	75.5	5.28	5.7
SR5	10/8/2019 5:10	29.01	76.3	5.34	6.2	SR5	10/8/2019 11:10	29.05	84.7	5.46	4.9	SR5	10/8/2019 17:10	29.19	75.8	5.29	6.1	SR5	10/8/2019 23:10	28.99	76.2	5.34	4.3
SR5	10/8/2019 5:15	29.01	77.9	5.46	6.4	SR5	10/8/2019 11:15	29.04	83.6	5.39	5.7	SR5	10/8/2019 17:15	29.19	79.0	5.52	6.1	SR5	10/8/2019 23:15	28.94	74.6	5.23	5.5
SR5	10/8/2019 5:20	29.01	76.5	5.35	5.8	SR5	10/8/2019 11:20	29.08	83.8	5.40	7.4	SR5	10/8/2019 17:20	29.19	78.8	5.51	5.9	SR5	10/8/2019 23:20	29.07	75.0	5.23	4.3
SR5	10/8/2019 5:25	29.01	75.4	5.26	5.8	SR5	10/8/2019 11:25	29.08	84.8	5.47	4.6	SR5	10/8/2019 17:25	29.19	77.1	5.39	5.5	SR5	10/8/2019 23:25	29.09	76.4	5.33	5.8
SR5	10/8/2019 5:30	29.04	76.5	5.34	6.9	SR5	10/8/2019 11:30	29.08	84.4	5.44	4.0	SR5	10/8/2019 17:30	29.18	77.0	5.38	5.2	SR5	10/8/2019 23:30	29.09	75.6	5.27	4.9
SR5	10/8/2019 5:35	29.04	76.4	5.34	7.1	SR5	10/8/2019 11:35	29.07	83.9	5.41	3.7	SR5	10/8/2019 17:35	29.19	78.2	5.46	4.9	SR5	10/8/2019 23:35	29.10	76.5	5.33	4.5
SR5	10/8/2019 5:40	29.06	72.4	**5.05**	6.4	SR5	10/8/2019 11:40	29.07	83.1	5.36	5.2	SR5	10/8/2019 17:40	29.18	77.9	5.44	5.9	SR5	10/8/2019 23:40	29.09	75.7	5.28	6.7
SR5	10/8/2019 5:45	29.03	76.0	5.32	5.9	SR5	10/8/2019 11:45	29.11	82.9	5.35	7.0	SR5	10/8/2019 17:45	29.19	77.7	5.43	4.5	SR5	10/8/2019 23:45	29.03	76.2	5.32	5.0
SR5	10/8/2019 5:50	29.03	75.2	5.25	5.6	SR5	10/8/2019 11:50	29.04	85.6	5.53	5.3	SR5	10/8/2019 17:50	29.17	77.9	5.45	5.7	SR5	10/8/2019 23:50	29.04	73.9	5.15	5.0
SR5	10/8/2019 5:55	28.92	75.8	5.29	5.6	SR5	10/8/2019 11:55	29.00	84.9	5.49	4.0	SR5	10/8/2019 17:55	29.18	75.9	5.30	4.5	SR5	10/8/2019 23:55	29.05	77.5	5.42	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	10/8/2019 0:01	29.80	72.2	5.21	3.8	SR12	10/8/2019 6:01	29.82	76.2	5.48	4.9	SR12	10/8/2019 12:01	29.77	68.1	4.93	4.7	SR12	10/8/2019 18:01	29.71	72.9	5.23	4.3
SR12	10/8/2019 0:06	29.79	73.3	5.25	5.0	SR12	10/8/2019 6:06	29.71	74.9	5.34	5.7	SR12	10/8/2019 12:06	29.70	66.0	4.76	4.6	SR12	10/8/2019 18:06	29.72	71.5	5.16	3.8
SR12	10/8/2019 0:11	29.77	72.2	5.19	4.4	SR12	10/8/2019 6:11	29.79	75.6	5.40	4.0	SR12	10/8/2019 12:11	29.73	69.5	5.00	4.0	SR12	10/8/2019 18:11	29.70	71.8	5.11	3.3
SR12	10/8/2019 0:16	29.71	75.6	5.42	5.1	SR12	10/8/2019 6:16	29.77	74.1	5.31	3.9	SR12	10/8/2019 12:16	29.76	73.2	5.27	4.0	SR12	10/8/2019 18:16	29.75	73.1	5.23	4.7
SR12	10/8/2019 0:21	29.71	74.5	5.36	4.3	SR12	10/8/2019 6:21	29.81	72.9	5.28	4.9	SR12	10/8/2019 12:21	29.76	73.4	5.29	5.4	SR12	10/8/2019 18:21	29.72	70.3	5.05	4.6
SR12	10/8/2019 0:26	29.75	76.1	5.44	4.3	SR12	10/8/2019 6:26	29.80	75.5	5.37	4.8	SR12	10/8/2019 12:26	29.76	73.8	5.26	3.3	SR12	10/8/2019 18:26	29.74	72.0	5.13	4.8
SR12	10/8/2019 0:31	29.74	75.4	5.45	4.4	SR12	10/8/2019 6:31	29.83	76.3	5.47	3.7	SR12	10/8/2019 12:31	29.76	74.9	5.34	5.0	SR12	10/8/2019 18:31	29.73	71.8	5.16	4.1
SR12	10/8/2019 0:36	29.73	76.4	5.43	4.5	SR12	10/8/2019 6:36	29.83	75.6	5.42	5.3	SR12	10/8/2019 12:36	29.79	72.0	5.19	4.6	SR12	10/8/2019 18:36	29.75	72.3	5.13	3.0
SR12	10/8/2019 0:41	29.78	76.6	5.50	4.2	SR12	10/8/2019 6:41	29.81	76.0	5.42	4.6	SR12	10/8/2019 12:41	29.79	69.7	5.04	3.6	SR12	10/8/2019 18:41	29.74	71.7	5.17	4.2
SR12	10/8/2019 0:46	29.78	76.5	5.44	4.3	SR12	10/8/2019 6:46	29.80	76.9	5.49	4.6	SR12	10/8/2019 12:46	29.80	73.5	5.29	4.7	SR12	10/8/2019 18:46	29.75	73.4	5.23	5.7
SR12	10/8/2019 0:51	29.78	76.9	5.54	4.2	SR12	10/8/2019 6:51	29.80	76.3	5.48	4.5	SR12	10/8/2019 12:51	29.81	77.0	5.48	4.0	SR12	10/8/2019 18:51	29.75	72.9	5.24	5.6
SR12	10/8/2019 0:56	29.77	75.8	5.45	4.5	SR12	10/8/2019 6:56	29.78	73.9	5.28	3.5	SR12	10/8/2019 12:56	29.78	76.1	5.46	3.4	SR12	10/8/2019 18:56	29.77	71.4	5.14	5.0
SR12	10/8/2019 1:01	29.72	77.2	5.57	4.3	SR12	10/8/2019 7:01	29.77	74.8	5.37	4.5	SR12	10/8/2019 13:01	29.79	74.8	5.36	3.9	SR12	10/8/2019 19:01	29.75	72.7	5.20	5.0
SR12	10/8/2019 1:06	29.75	77.0	5.50	4.4	SR12	10/8/2019 7:06	29.80	73.8	5.30	4.7	SR12	10/8/2019 13:06	29.78	73.4	5.26	4.5	SR12	10/8/2019 19:06	29.74	74.2	5.31	4.6
SR12	10/8/2019 1:11	29.82	73.3	5.29	3.6	SR12	10/8/2019 7:11	29.74	72.9	5.23	4.8	SR12	10/8/2019 13:11	29.79	73.0	5.27	4.8	SR12	10/8/2019 19:11	29.75	73.1	5.26	3.5
SR12	10/8/2019 1:16	29.79	76.1	5.44	3.5	SR12	10/8/2019 7:16	29.79	73.0	5.23	3.9	SR12	10/8/2019 13:16	29.80	72.7	5.20	4.9	SR12	10/8/2019 19:16	29.74	73.9	5.31	4.4
SR12	10/8/2019 1:21	29.78	74.9	5.41	3.9	SR12	10/8/2019 7:21	29.73	73.5	5.27	3.5	SR12	10/8/2019 13:21	29.78	71.6	5.18	3.7	SR12	10/8/2019 19:21	29.78	75.1	5.34	4.1
SR12	10/8/2019 1:26	29.83	74.0	5.31	5.0	SR12	10/8/2019 7:26	29.82	76.6	5.48	4.3	SR12	10/8/2019 13:26	29.81	74.5	5.33	5.8	SR12	10/8/2019 19:26	29.79	75.8	5.38	9.1
SR12	10/8/2019 1:31	29.81	76.7	5.49	3.5	SR12	10/8/2019 7:31	29.81	79.0	5.62	4.5	SR12	10/8/2019 13:31	29.80	73.1	5.22	4.3	SR12	10/8/2019 19:31	29.77	72.6	5.21	4.2
SR12	10/8/2019 1:36	29.82	74.8	5.37	4.2	SR12	10/8/2019 7:36	29.79	76.8	5.47	4.3	SR12	10/8/2019 13:36	29.80	73.6	5.28	5.2	SR12	10/8/2019 19:36	29.84	69.1	4.99	3.6
SR12	10/8/2019 1:41	29.82	76.0	5.45	3.8	SR12	10/8/2019 7:41	29.82	77.6	5.55	3.7	SR12	10/8/2019 13:41	29.78	73.3	5.28	5.2	SR12	10/8/2019 19:41	29.78	72.8	5.24	4.4
SR12	10/8/2019 1:46	29.85	75.4	5.45	3.7	SR12	10/8/2019 7:46	29.82	79.3	5.66	4.0	SR12	10/8/2019 13:46	29.80	72.6	5.21	5.7	SR12	10/8/2019 19:46	29.78	71.3	5.10	4.2
SR12	10/8/2019 1:51	29.85	76.3	5.50	4.8	SR12	10/8/2019 7:51	29.80	77.7	5.56	4.7	SR12	10/8/2019 13:51	29.78	72.5	5.26	4.5	SR12	10/8/2019 19:51	29.77	72.3	5.16	5.7
SR12	10/8/2019 1:56	29.82	75.4	5.41	3.9	SR12	10/8/2019 7:56	29.81	77.4	5.53	3.5	SR12	10/8/2019 13:56	29.78	71.3	5.13	5.0	SR12	10/8/2019 19:56	29.78	70.8	5.10	4.8
SR12	10/8/2019 2:01	29.77	74.6	5.38	4.4	SR12	10/8/2019 8:01	29.82	75.4	5.42	8.9	SR12	10/8/2019 14:01	29.79	70.1	5.02	3.7	SR12	10/8/2019 20:01	29.79	72.7	5.23	5.1
SR12	10/8/2019 2:06	29.77	75.1	5.42	4.0	SR12	10/8/2019 8:06	29.84	75.4	5.41	4.0	SR12	10/8/2019 14:06	29.81	69.8	5.04	4.6	SR12	10/8/2019 20:06	29.78	73.0	5.21	5.6
SR12	10/8/2019 2:11	29.81	76.0	5.41	4.0	SR12	10/8/2019 8:11	29.81	76.4	5.43	3.5	SR12	10/8/2019 14:11	29.79	69.1	4.98	4.7	SR12	10/8/2019 20:11	29.79	73.7	5.30	5.5
SR12	10/8/2019 2:16	29.70	76.2	5.43	6.2	SR12	10/8/2019 8:16	29.82	76.1	5.44	4.7	SR12	10/8/2019 14:16	29.80	70.0	5.03	4.3	SR12	10/8/2019 20:16	29.81	74.0	5.34	4.1
SR12	10/8/2019 2:21	29.74	74.2	5.36	5.7	SR12	10/8/2019 8:21	29.82	75.3	5.40	5.1	SR12	10/8/2019 14:21	29.79	71.4	5.11	5.3	SR12	10/8/2019 20:21	29.85	74.1	5.34	4.9
SR12	10/8/2019 2:26	29.80	73.8	5.33	3.7	SR12	10/8/2019 8:26	29.82	75.8	5.39	4.9	SR12	10/8/2019 14:26	29.79	70.2	5.07	5.2	SR12	10/8/2019 20:26	29.83	74.7	5.33	4.4
SR12	10/8/2019 2:31	29.80	75.8	5.45	4.5	SR12	10/8/2019 8:31	29.81	74.3	5.36	3.9	SR12	10/8/2019 14:31	29.79	70.5	5.06	4.1	SR12	10/8/2019 20:31	29.87	73.2	5.22	5.2
SR12	10/8/2019 2:36	29.79	76.3	5.43	4.6	SR12	10/8/2019 8:36	29.82	75.8	5.38	4.0	SR12	10/8/2019 14:36	29.79	70.5	5.09	3.4	SR12	10/8/2019 20:36	29.84	73.6	5.27	4.0
SR12	10/8/2019 2:41	29.76	75.9	5.49	5.0	SR12	10/8/2019 8:41	29.83	78.6	5.62	4.8	SR12	10/8/2019 14:41	29.79	70.4	5.09	4.5	SR12	10/8/2019 20:41	29.90	70.7	5.10	5.0
SR12	10/8/2019 2:46	29.77	75.3	5.40	5.7	SR12	10/8/2019 8:46	29.82	76.0	5.46	4.5	SR12	10/8/2019 14:46	29.78	72.1	5.21	5.2	SR12	10/8/2019 20:46	29.86	70.5	5.03	4.9
SR12	10/8/2019 2:51	29.77	75.7	5.40	5.2	SR12	10/8/2019 8:51	29.82	75.7	5.45	4.1	SR12	10/8/2019 14:51	29.79	72.8	5.21	4.7	SR12	10/8/2019 20:51	29.94	67.4	4.87	4.2
SR12	10/8/2019 2:56	29.77	73.4	5.30	5.8	SR12	10/8/2019 8:56	29.83	76.9	5.52	3.6	SR12	10/8/2019 14:56	29.78	69.4	4.99	3.7	SR12	10/8/2019 20:56	29.91	70.9	5.05	4.9
SR12	10/8/2019 3:01	29.77	76.1	5.43	6.2	SR12	10/8/2019 9:01	29.82	75.7	5.43	5.0	SR12	10/8/2019 15:01	29.77	71.0	5.13	4.5	SR12	10/8/2019 21:01	29.87	67.2	4.86	4.4
SR12	10/8/2019 3:06	29.79	74.1	5.33	5.9	SR12	10/8/2019 9:06	29.82	76.4	5.48	3.7	SR12	10/8/2019 15:06	29.79	70.7	5.07	3.6	SR12	10/8/2019 21:06	29.85	71.0	5.11	4.4
SR12	10/8/2019 3:11	29.80	74.9	5.37	4.3	SR12	10/8/2019 9:11	29.84	77.4	5.54	3.6	SR12	10/8/2019 15:11	29.79	71.3	5.10	4.7	SR12	10/8/2019 21:11	29.84	71.1	5.12	5.7
SR12	10/8/2019 3:16	29.80	74.5	5.34	5.1	SR12	10/8/2019 9:16	29.82	76.8	5.45	4.9	SR12	10/8/2019 15:16	29.79	68.6	4.98	5.0	SR12	10/8/2019 21:16	29.86	71.1	5.10	4.1
SR12	10/8/2019 3:21	29.78	74.9	5.40	5.5	SR12	10/8/2019 9:21	29.82	74.6	5.35	4.7	SR12	10/8/2019 15:21	29.79	67.6	4.86	4.7	SR12	10/8/2019 21:21	29.85	73.6	5.24	4.9
SR12	10/8/2019 3:26	29.81	73.3	5.28	4.7	SR12	10/8/2019 9:26	29.83	76.0	5.44	4.7	SR12	10/8/2019 15:26	29.75	67.9	4.93	4.1	SR12	10/8/2019 21:26	29.87	70.4	5.07	5.9
SR12	10/8/2019 3:31	29.80	73.8	5.26	5.2	SR12	10/8/2019 9:31	29.81	74.7	5.38	3.2	SR12	10/8/2019 15:31	29.76	67.6	4.90	4.4	SR12	10/8/2019 21:31	29.86	73.0	5.23	5.7
SR12	10/8/2019 3:36	29.81	73.5	5.29	5.2	SR12	10/8/2019 9:36	29.84	72.9	5.22	4.8	SR12	10/8/2019 15:36	29.77	71.2	5.12	6.4	SR12	10/8/2019 21:36	29.93	66.7	4.81	4.3
SR12	10/8/2019 3:41	29.80	74.9	5.40	4.8	SR12	10/8/2019 9:41	29.83	74.8	5.37	4.2	SR12	10/8/2019 15:41	29.77	71.0	5.14	3.8	SR12	10/8/2019 21:41	29.89	72.0	5.12	5.1
SR12	10/8/2019 3:46	29.69	77.1	5.52	4.6	SR12	10/8/2019 9:46	29.82	72.8	5.26	4.7	SR12	10/8/2019 15:46	29.78	70.9	5.08	4.1	SR12	10/8/2019 21:46	29.91	73.0	5.24	3.8
SR12	10/8/2019 3:51	29.74	76.9	5.51	4.0	SR12	10/8/2019 9:51	29.84	73.8	5.32	4.2	SR12	10/8/2019 15:51	29.77	72.4	5.19	4.0	SR12	10/8/2019 21:51	29.89	73.3	5.28	4.5
SR12	10/8/2019 3:56	29.79	75.7	5.43	4.3	SR12	10/8/2019 9:56	29.81	73.3	5.25	4.4	SR12	10/8/2019 15:56	29.76	68.1	4.89	4.3	SR12	10/8/2019 21:56	29.85	71.7	5.10	4.5
SR12	10/8/2019 4:01	29.78	75.0	5.38	4.2	SR12	10/8/2019 10:01	29.82	73.7	5.25	5.3	SR12	10/8/2019 16:01	29.75	67.8	4.87	4.2	SR12	10/8/2019 22:01	29.89	70.5	5.05	5.1
SR12	10/8/2019 4:06	29.83	77.5	5.59	4.7	SR12	10/8/2019 10:06	29.84	74.7	5.34	3.7	SR12	10/8/2019 16:06	29.77	68.3	4.92	3.6	SR12	10/8/2019 22:06	29.86	70.4	5.06	5.5
SR12	10/8/2019 4:11	29.79	76.2	5.46	9.5	SR12	10/8/2019 10:11	29.84	73.5	5.25	4.2	SR12	10/8/2019 16:11	29.77	68.7	4.98	3.7	SR12	10/8/2019 22:11	29.83	74.3	5.28	4.8
SR12	10/8/2019 4:16	29.83	80.0	5.69	5.5	SR12	10/8/2019 10:16	29.84	74.4	5.35	5.8	SR12	10/8/2019 16:16	29.72	67.1	4.85	5.4	SR12	10/8/2019 22:16	29.86	73.7	5.25	4.9
SR12	10/8/2019 4:21	29.79	76.2	5.46	3.7	SR12	10/8/2019 10:21	29.73	64.4	4.69	5.1	SR12	10/8/2019 16:21	29.75	70.1	5.08	5.1	SR12	10/8/2019 22:21	29.89	71.4	5.11	4.0
SR12	10/8/2019 4:26	29.81	76.7	5.54	4.2	SR12	10/8/2019 10:26	29.80	74.7	5.35	4.6	SR12	10/8/2019 16:26	29.74	68.7	4.93	4.6	SR12	10/8/2019 22:26	29.88	72.6	5.16	5.1
SR12	10/8/2019 4:31	29.82	77.2	5.49	4.6	SR12	10/8/2019 10:31	29.81	74.8	5.34	4.9	SR12	10/8/2019 16:31	29.68	69.2	5.02	3.9	SR12	10/8/2019 22:31	29.85	70.2	5.01	6.1
SR12	10/8/2019 4:36	29.83	74.3	5.33	4.2	SR12	10/8/2019 10:36	29.82	75.8	5.42	4.8	SR12	10/8/2019 16:36	29.68	70.4	5.07	3.7	SR12	10/8/2019 22:36	29.87	71.5	5.08	4.2
SR12	10/8/2019 4:41	29.83	75.5	5.41	4.5	SR12	10/8/2019 10:41	29.82	73.2	5.26	4.6	SR12	10/8/2019 16:41	29.67	72.3	5.19	3.0	SR12	10/8/2019 22:41	29.84	70.8	5.04	4.4
SR12	10/8/2019 4:46	29.83	73.2	5.29	4.6	SR12	10/8/2019 10:46	29.82	71.8	5.18	5.1	SR12	10/8/2019 16:46	29.72	72.1	5.16	5.0	SR12	10/8/2019 22:46	29.83	72.6	5.16	7.8
SR12	10/8/2019 4:51	29.82	71.9	5.20	5.2	SR12	10/8/2019 10:51	29.79	71.2	5.11	4.2	SR12	10/8/2019 16:51	29.70	71.9	5.17	3.6	SR12	10/8/2019 22:51	29.84	72.6	5.17	5.1
SR12	10/8/2019 4:56	29.84	75.2	5.37	4.2	SR12	10/8/2019 10:56	29.74	72.3	5.16	3.5	SR12	10/8/2019 16:56	29.73	71.5	5.15	3.6	SR12	10/8/2019 22:56	29.88	72.2	5.13	4.4
SR12	10/8/2019 5:01	29.84	76.1	5.47	4.7	SR12	10/8/2019 11:01	29.80	71.5	5.16	3.9	SR12	10/8/2019 17:01	29.71	69.8	5.00	3.4	SR12	10/8/2019 23:01	29.89	71.4	5.08	3.9
SR12	10/8/2019 5:06	29.86	75.2	5.41	5.5	SR12	10/8/2019 11:06	29.84	73.0	5.21	4.2	SR12	10/8/2019 17:06	29.73	67.2	4.85	5.1	SR12	10/8/2019 23:06	29.88	73.4	5.21	4.6
SR12	10/8/2019 5:11	29.77	73.0	5.26	5.3	SR12	10/8/2019 11:11	29.82	74.6	5.34	5.2	SR12	10/8/2019 17:11	29.71	70.5	5.10	5.7	SR12	10/8/2019 23:11	29.90	72.7	5.17	4.5
SR12	10/8/2019 5:16	29.84	77.9	5.55	4.6	SR12	10/8/2019 11:16	29.75	73.6	5.31	3.1	SR12	10/8/2019 17:16	29.72	70.8	5.07	5.4	SR12	10/8/2019 23:16	29.93	71.7	5.10	5.2
SR12	10/8/2019 5:21	29.84	76.6	5.46	5.0	SR12	10/8/2019 11:21	29.74	72.9	5.27	3.9	SR12	10/8/2019 17:21	29.70	69.6	5.03	3.2	SR12	10/8/2019 23:21	30.00	67.5	4.84	4.7
SR12	10/8/2019 5:26	29.77	75.4	5.42	5.5	SR12	10/8/2019 11:26	29.78	73.5	5.28	5.4	SR12	10/8/2019 17:26	29.72	70.2	5.06	4.7	SR12	10/8/2019 23:26	29.94	70.8	5.03	3.8
SR12	10/8/2019 5:31	29.81	75.4	5.42	3.9	SR12	10/8/2019 11:31	29.76	72.6	5.23	4.7	SR12	10/8/2019 17:31	29.67	68.2	4.88	4.6	SR12	10/8/2019 23:31	29.94	72.9	5.25	4.3
SR12	10/8/2019 5:36	29.72	74.2	5.30	4.1	SR12	10/8/2019 11:36	29.77	71.0	5.13	2.9	SR12	10/8/2019 17:36	29.69	69.4	4.96	5.7	SR12	10/8/2019 23:36	29.92	71.0	5.12	4.6
SR12	10/8/2019 5:41	29.67	73.6	5.29	4.6	SR12	10/8/2019 11:41	29.73	69.8	5.06	4.6	SR12	10/8/2019 17:41	29.71	70.8	5.04	4.2	SR12	10/8/2019 23:41	29.97	71.9	5.15	5.3
SR12	10/8/2019 5:46	29.82	74.6	5.37	4.0	SR12	10/8/2019 11:46	29.70	70.7	5.05	3.4	SR12	10/8/2019 17:46	29.72	69.9	5.03	3.2	SR12	10/8/2019 23:46	30.03	69.8	5.03	6.5
SR12	10/8/2019 5:51	29.79	73.6	5.27	4.2	SR12	10/8/2019 11:51	29.71	67.7	4.90	5.9	SR12	10/8/2019 17:51	29.69	70.2	5.00	5.1	SR12	10/8/2019 23:51	30.06	60.8	4.41	5.9
SR12	10/8/2019 5:56	29.74	72.4	5.20	5.4	SR12	10/8/2019 11:56	29.74	68.3	4.91	4.1	SR12	10/8/2019 17:56	29.75	70.2	5.05	4.0	SR12	10/8/2019 23:56	30.04	74.2	5.35	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	10/8/2019 0:00	28.96	77.1	5.55	3.6	SR13	10/8/2019 6:00	28.94	70.9	5.12	4.1	SR13	10/8/2019 12:00	28.97	76.2	5.42	4.1	SR13	10/8/2019 18:00	28.89	73.0	5.21	4.9
SR13	10/8/2019 0:05	28.92	71.8	5.22	4.6	SR13	10/8/2019 6:05	28.95	73.9	5.30	3.4	SR13	10/8/2019 12:05	28.97	75.1	5.33	3.7	SR13	10/8/2019 18:05	28.89	74.1	5.25	5.5
SR13	10/8/2019 0:10	28.97	77.3	5.54	4.2	SR13	10/8/2019 6:10	28.91	73.3	5.26	3.4	SR13	10/8/2019 12:10	28.97	76.7	5.45	4.6	SR13	10/8/2019 18:10	28.88	74.6	5.31	5.1
SR13	10/8/2019 0:15	28.97	77.9	5.59	3.5	SR13	10/8/2019 6:15	28.85	73.4	5.29	4.4	SR13	10/8/2019 12:15	28.97	74.4	5.29	5.1	SR13	10/8/2019 18:15	28.89	74.9	5.29	4.5
SR13	10/8/2019 0:20	29.00	78.5	5.62	3.7	SR13	10/8/2019 6:20	28.84	74.4	5.32	4.0	SR13	10/8/2019 12:20	28.98	74.5	5.30	3.5	SR13	10/8/2019 18:20	28.89	72.7	5.20	5.4
SR13	10/8/2019 0:25	29.00	77.3	5.52	3.6	SR13	10/8/2019 6:25	28.85	76.0	5.44	3.0	SR13	10/8/2019 12:25	28.98	75.7	5.45	3.6	SR13	10/8/2019 18:25	28.88	73.6	5.21	5.4
SR13	10/8/2019 0:30	29.01	76.3	5.52	3.9	SR13	10/8/2019 6:30	28.88	75.9	5.44	3.0	SR13	10/8/2019 12:30	28.98	78.1	5.59	5.7	SR13	10/8/2019 18:30	28.88	73.3	5.20	5.9
SR13	10/8/2019 0:35	28.98	75.3	5.40	4.2	SR13	10/8/2019 6:35	28.87	75.1	5.39	3.1	SR13	10/8/2019 12:35	28.98	77.3	5.49	3.4	SR13	10/8/2019 18:35	28.91	72.0	5.22	5.2
SR13	10/8/2019 0:40	28.93	76.7	5.53	3.4	SR13	10/8/2019 6:40	28.86	75.6	5.42	4.2	SR13	10/8/2019 12:40	29.00	76.9	5.51	4.0	SR13	10/8/2019 18:40	28.90	73.6	5.22	6.3
SR13	10/8/2019 0:45	28.99	75.6	5.43	3.2	SR13	10/8/2019 6:45	28.87	74.4	5.38	3.7	SR13	10/8/2019 12:45	29.00	76.0	5.46	3.9	SR13	10/8/2019 18:45	28.86	73.3	5.20	5.7
SR13	10/8/2019 0:50	29.01	75.4	5.40	3.9	SR13	10/8/2019 6:50	28.85	73.1	5.31	4.6	SR13	10/8/2019 12:50	29.00	76.7	5.46	4.7	SR13	10/8/2019 18:50	28.86	73.6	5.25	6.0
SR13	10/8/2019 0:55	29.00	77.3	5.53	3.0	SR13	10/8/2019 6:55	28.85	74.5	5.39	3.5	SR13	10/8/2019 12:55	29.01	76.1	5.39	4.7	SR13	10/8/2019 18:55	28.86	73.7	5.25	5.8
SR13	10/8/2019 1:00	28.94	76.6	5.55	2.7	SR13	10/8/2019 7:00	28.82	75.1	5.42	3.5	SR13	10/8/2019 13:00	29.02	75.6	5.37	3.4	SR13	10/8/2019 19:00	28.87	74.8	5.29	5.3
SR13	10/8/2019 1:05	28.95	75.6	5.44	3.9	SR13	10/8/2019 7:05	28.86	75.7	5.46	3.6	SR13	10/8/2019 13:05	29.07	74.2	5.28	4.8	SR13	10/8/2019 19:05	28.88	74.2	5.24	7.3
SR13	10/8/2019 1:10	28.96	77.0	5.52	3.0	SR13	10/8/2019 7:10	28.87	76.5	5.52	3.8	SR13	10/8/2019 13:10	29.03	75.9	5.42	4.0	SR13	10/8/2019 19:10	28.87	72.6	5.19	5.0
SR13	10/8/2019 1:15	28.93	76.2	5.47	3.8	SR13	10/8/2019 7:15	28.84	74.7	5.34	3.7	SR13	10/8/2019 13:15	29.01	76.5	5.53	4.0	SR13	10/8/2019 19:15	28.90	70.8	5.04	5.5
SR13	10/8/2019 1:20	28.94	75.6	5.44	3.2	SR13	10/8/2019 7:20	28.87	75.9	5.43	3.7	SR13	10/8/2019 13:20	28.99	75.9	5.49	3.8	SR13	10/8/2019 19:20	28.87	71.8	5.14	5.5
SR13	10/8/2019 1:25	28.91	74.4	5.38	3.2	SR13	10/8/2019 7:25	28.88	77.2	5.51	3.7	SR13	10/8/2019 13:25	29.01	75.9	5.40	5.1	SR13	10/8/2019 19:25	28.87	72.8	5.15	5.6
SR13	10/8/2019 1:30	28.89	75.7	5.43	3.2	SR13	10/8/2019 7:30	28.87	76.5	5.49	4.1	SR13	10/8/2019 13:30	29.03	74.2	5.33	4.8	SR13	10/8/2019 19:30	28.87	72.4	5.15	6.0
SR13	10/8/2019 1:35	28.87	73.9	5.31	4.2	SR13	10/8/2019 7:35	28.86	76.2	5.40	3.0	SR13	10/8/2019 13:35	29.05	69.1	5.01	4.9	SR13	10/8/2019 19:35	28.88	70.7	5.10	5.1
SR13	10/8/2019 1:40	28.87	73.6	5.30	3.7	SR13	10/8/2019 7:40	28.88	75.7	5.41	5.5	SR13	10/8/2019 13:40	29.03	75.9	5.40	3.5	SR13	10/8/2019 19:40	28.87	71.1	5.11	5.8
SR13	10/8/2019 1:45	28.89	74.1	5.35	3.8	SR13	10/8/2019 7:45	28.90	76.2	5.44	3.5	SR13	10/8/2019 13:45	29.06	72.9	5.21	4.2	SR13	10/8/2019 19:45	28.86	72.2	5.17	5.3
SR13	10/8/2019 1:50	28.86	72.6	5.20	3.0	SR13	10/8/2019 7:50	28.89	75.9	5.40	3.1	SR13	10/8/2019 13:50	29.07	73.8	5.25	4.6	SR13	10/8/2019 19:50	28.86	72.2	5.21	5.0
SR13	10/8/2019 1:55	28.83	75.2	5.38	4.9	SR13	10/8/2019 7:55	28.91	76.4	5.47	3.2	SR13	10/8/2019 13:55	29.05	70.4	5.04	3.4	SR13	10/8/2019 19:55	28.86	73.0	5.26	4.6
SR13	10/8/2019 2:00	28.86	76.5	5.51	4.0	SR13	10/8/2019 8:00	28.93	76.3	5.42	4.3	SR13	10/8/2019 14:00	29.06	69.9	5.06	4.1	SR13	10/8/2019 20:00	28.87	73.1	5.26	4.5
SR13	10/8/2019 2:05	28.89	75.8	5.46	3.9	SR13	10/8/2019 8:05	28.93	75.7	5.38	4.3	SR13	10/8/2019 14:05	29.03	71.0	5.07	4.6	SR13	10/8/2019 20:05	28.85	73.0	5.24	4.4
SR13	10/8/2019 2:10	28.89	76.8	5.50	3.5	SR13	10/8/2019 8:10	28.93	76.0	5.41	3.2	SR13	10/8/2019 14:10	29.08	72.7	5.17	4.4	SR13	10/8/2019 20:10	28.87	72.2	5.16	5.4
SR13	10/8/2019 2:15	28.89	77.9	5.54	3.9	SR13	10/8/2019 8:15	28.95	76.9	5.52	3.1	SR13	10/8/2019 14:15	29.04	74.2	5.28	4.3	SR13	10/8/2019 20:15	28.86	73.8	5.30	5.0
SR13	10/8/2019 2:20	28.90	75.8	5.46	4.1	SR13	10/8/2019 8:20	28.95	78.5	5.63	4.3	SR13	10/8/2019 14:20	29.10	74.7	5.34	4.4	SR13	10/8/2019 20:20	28.90	71.5	5.17	4.4
SR13	10/8/2019 2:25	28.90	74.3	5.35	3.9	SR13	10/8/2019 8:25	28.95	75.8	5.41	4.0	SR13	10/8/2019 14:25	29.12	68.8	4.95	4.4	SR13	10/8/2019 20:25	28.86	73.7	5.26	5.4
SR13	10/8/2019 2:30	28.91	76.3	5.46	3.7	SR13	10/8/2019 8:30	28.94	77.4	5.50	3.7	SR13	10/8/2019 14:30	29.09	69.1	4.94	4.7	SR13	10/8/2019 20:30	28.89	72.0	5.19	4.1
SR13	10/8/2019 2:35	28.91	77.4	5.53	4.2	SR13	10/8/2019 8:35	28.95	77.6	5.55	4.4	SR13	10/8/2019 14:35	29.04	72.4	5.15	4.0	SR13	10/8/2019 20:35	28.88	75.3	5.42	5.1
SR13	10/8/2019 2:40	28.91	78.3	5.60	4.2	SR13	10/8/2019 8:40	28.94	76.8	5.47	3.8	SR13	10/8/2019 14:40	28.99	71.8	5.13	3.8	SR13	10/8/2019 20:40	28.88	73.8	5.31	4.3
SR13	10/8/2019 2:45	28.93	77.1	5.53	4.0	SR13	10/8/2019 8:45	28.93	77.0	5.48	3.6	SR13	10/8/2019 14:45	28.96	74.2	5.29	3.8	SR13	10/8/2019 20:45	28.87	74.6	5.39	4.0
SR13	10/8/2019 2:50	28.93	76.3	5.46	4.1	SR13	10/8/2019 8:50	28.92	78.1	5.55	4.0	SR13	10/8/2019 14:50	28.95	73.8	5.25	4.6	SR13	10/8/2019 20:50	28.87	74.1	5.34	5.7
SR13	10/8/2019 2:55	28.94	75.6	5.43	4.4	SR13	10/8/2019 8:55	28.91	77.4	5.50	3.8	SR13	10/8/2019 14:55	28.95	72.5	5.20	4.2	SR13	10/8/2019 20:55	28.87	74.9	5.42	4.3
SR13	10/8/2019 3:00	28.93	75.2	5.39	4.7	SR13	10/8/2019 9:00	28.91	77.0	5.49	3.4	SR13	10/8/2019 15:00	28.92	72.3	5.17	4.5	SR13	10/8/2019 21:00	28.88	75.6	5.45	5.5
SR13	10/8/2019 3:05	28.95	74.3	5.37	3.5	SR13	10/8/2019 9:05	28.92	78.2	5.54	4.2	SR13	10/8/2019 15:05	29.00	69.3	4.95	4.4	SR13	10/8/2019 21:05	28.88	74.7	5.37	4.6
SR13	10/8/2019 3:10	28.95	75.9	5.42	3.7	SR13	10/8/2019 9:10	28.93	77.6	5.51	7.2	SR13	10/8/2019 15:10	29.01	68.4	4.92	3.9	SR13	10/8/2019 21:10	28.88	75.5	5.44	4.4
SR13	10/8/2019 3:15	28.96	75.3	5.40	4.3	SR13	10/8/2019 9:15	28.93	75.3	5.36	4.4	SR13	10/8/2019 15:15	28.96	71.0	5.08	5.3	SR13	10/8/2019 21:15	28.90	74.0	5.32	5.1
SR13	10/8/2019 3:20	28.95	75.7	5.44	4.1	SR13	10/8/2019 9:20	28.97	74.1	5.31	3.2	SR13	10/8/2019 15:20	28.87	75.6	5.41	4.8	SR13	10/8/2019 21:20	28.88	75.8	5.44	4.3
SR13	10/8/2019 3:25	28.91	76.4	5.48	4.7	SR13	10/8/2019 9:25	28.93	75.2	5.38	3.6	SR13	10/8/2019 15:25	28.88	75.2	5.35	4.0	SR13	10/8/2019 21:25	28.89	75.4	5.46	4.4
SR13	10/8/2019 3:30	28.93	76.3	5.47	4.5	SR13	10/8/2019 9:30	28.94	75.1	5.36	4.1	SR13	10/8/2019 15:30	28.87	76.4	5.41	4.4	SR13	10/8/2019 21:30	28.88	75.6	5.45	3.8
SR13	10/8/2019 3:35	28.96	75.3	5.43	3.4	SR13	10/8/2019 9:35	28.91	75.0	5.33	4.2	SR13	10/8/2019 15:35	28.87	74.1	5.27	5.7	SR13	10/8/2019 21:35	28.87	75.2	5.42	4.3
SR13	10/8/2019 3:40	28.96	75.0	5.38	4.6	SR13	10/8/2019 9:40	28.91	74.8	5.33	3.9	SR13	10/8/2019 15:40	28.87	73.8	5.26	5.1	SR13	10/8/2019 21:40	28.85	71.9	5.16	4.1
SR13	10/8/2019 3:45	28.98	75.5	5.42	3.2	SR13	10/8/2019 9:45	28.91	76.6	5.47	4.2	SR13	10/8/2019 15:45	28.87	73.9	5.29	4.9	SR13	10/8/2019 21:45	28.83	71.1	5.12	5.1
SR13	10/8/2019 3:50	28.97	74.8	5.38	5.1	SR13	10/8/2019 9:50	28.91	76.1	5.39	3.8	SR13	10/8/2019 15:50	28.88	74.0	5.27	4.6	SR13	10/8/2019 21:50	28.83	73.5	5.28	4.0
SR13	10/8/2019 3:55	28.98	75.6	5.41	3.9	SR13	10/8/2019 9:55	28.92	76.5	5.45	4.8	SR13	10/8/2019 15:55	28.92	73.0	5.22	4.5	SR13	10/8/2019 21:55	28.85	72.6	5.22	4.1
SR13	10/8/2019 4:00	28.96	74.6	5.35	3.3	SR13	10/8/2019 10:00	28.88	72.1	5.17	3.8	SR13	10/8/2019 16:00	28.93	74.2	5.31	5.0	SR13	10/8/2019 22:00	28.84	70.7	5.12	3.6
SR13	10/8/2019 4:05	28.97	75.3	5.41	4.1	SR13	10/8/2019 10:05	28.93	77.0	5.49	3.3	SR13	10/8/2019 16:05	28.93	72.6	5.19	4.9	SR13	10/8/2019 22:05	28.85	70.7	5.11	5.2
SR13	10/8/2019 4:10	28.98	75.5	5.41	4.8	SR13	10/8/2019 10:10	28.93	76.8	5.44	4.0	SR13	10/8/2019 16:10	28.90	73.9	5.29	3.4	SR13	10/8/2019 22:10	28.86	70.0	5.05	5.1
SR13	10/8/2019 4:15	28.99	73.9	5.30	4.0	SR13	10/8/2019 10:15	28.95	77.2	5.47	3.6	SR13	10/8/2019 16:15	28.89	74.5	5.32	4.3	SR13	10/8/2019 22:15	28.87	70.3	5.08	4.7
SR13	10/8/2019 4:20	28.99	74.3	5.34	3.6	SR13	10/8/2019 10:20	28.94	76.2	5.43	3.6	SR13	10/8/2019 16:20	28.86	74.2	5.29	4.7	SR13	10/8/2019 22:20	28.86	70.0	5.04	4.3
SR13	10/8/2019 4:25	29.00	73.3	5.30	3.6	SR13	10/8/2019 10:25	28.99	74.3	5.32	3.8	SR13	10/8/2019 16:25	28.88	74.7	5.33	5.6	SR13	10/8/2019 22:25	28.86	71.5	5.12	5.9
SR13	10/8/2019 4:30	29.00	73.8	5.32	3.8	SR13	10/8/2019 10:30	28.96	74.0	5.33	4.3	SR13	10/8/2019 16:30	28.87	74.6	5.29	4.7	SR13	10/8/2019 22:30	28.87	72.1	5.20	4.0
SR13	10/8/2019 4:35	29.00	75.4	5.38	3.8	SR13	10/8/2019 10:35	28.97	72.6	5.19	2.6	SR13	10/8/2019 16:35	28.88	74.6	5.30	6.4	SR13	10/8/2019 22:35	28.87	69.9	5.03	4.2
SR13	10/8/2019 4:40	28.99	74.1	5.32	4.0	SR13	10/8/2019 10:40	28.97	74.0	5.26	3.3	SR13	10/8/2019 16:40	28.87	73.3	5.23	4.9	SR13	10/8/2019 22:40	28.86	70.0	5.02	3.7
SR13	10/8/2019 4:45	29.01	74.9	5.40	4.0	SR13	10/8/2019 10:45	28.98	72.5	5.17	3.3	SR13	10/8/2019 16:45	28.88	72.2	5.15	6.3	SR13	10/8/2019 22:45	28.86	72.7	5.20	5.0
SR13	10/8/2019 4:50	28.97	73.8	5.30	3.5	SR13	10/8/2019 10:50	28.95	75.4	5.37	4.0	SR13	10/8/2019 16:50	28.87	73.4	5.24	6.6	SR13	10/8/2019 22:50	28.87	72.1	5.18	4.6
SR13	10/8/2019 4:55	28.99	76.2	5.44	4.0	SR13	10/8/2019 10:55	28.92	75.5	5.40	4.2	SR13	10/8/2019 16:55	28.88	73.2	5.21	5.4	SR13	10/8/2019 22:55	28.87	72.6	5.21	5.3
SR13	10/8/2019 5:00	28.99	74.4	5.36	3.6	SR13	10/8/2019 11:00	28.92	75.3	5.46	3.7	SR13	10/8/2019 17:00	28.86	74.4	5.29	5.6	SR13	10/8/2019 23:00	28.91	69.6	5.03	4.9
SR13	10/8/2019 5:05	28.96	73.3	5.27	3.8	SR13	10/8/2019 11:05	28.93	76.2	5.41	4.2	SR13	10/8/2019 17:05	28.87	73.1	5.22	5.6	SR13	10/8/2019 23:05	28.89	72.4	5.19	3.9
SR13	10/8/2019 5:10	28.97	72.7	5.25	2.9	SR13	10/8/2019 11:10	28.93	74.6	5.35	4.9	SR13	10/8/2019 17:10	28.85	73.0	5.20	5.6	SR13	10/8/2019 23:10	28.90	72.3	5.23	3.5
SR13	10/8/2019 5:15	28.93	72.4	5.20	3.2	SR13	10/8/2019 11:15	28.93	75.1	5.38	3.6	SR13	10/8/2019 17:15	28.86	72.4	5.16	5.9	SR13	10/8/2019 23:15	28.89	71.0	5.14	4.0
SR13	10/8/2019 5:20	28.91	74.5	5.34	4.2	SR13	10/8/2019 11:20	28.95	71.1	5.14	4.6	SR13	10/8/2019 17:20	28.87	72.9	5.17	5.7	SR13	10/8/2019 23:20	28.91	71.2	5.13	4.7
SR13	10/8/2019 5:25	28.97	74.4	5.36	3.3	SR13	10/8/2019 11:25	28.93	74.8	5.31	3.7	SR13	10/8/2019 17:25	28.87	73.4	5.25	4.2	SR13	10/8/2019 23:25	28.94	70.8	5.10	5.2
SR13	10/8/2019 5:30	28.96	74.5	5.33	3.7	SR13	10/8/2019 11:30	28.93	73.6	5.28	4.9	SR13	10/8/2019 17:30	28.86	73.7	5.22	5.8	SR13	10/8/2019 23:30	28.95	66.0	4.79	5.0
SR13	10/8/2019 5:35	28.94	74.0	5.29	4.9	SR13	10/8/2019 11:35	28.94	74.2	5.38	3.3	SR13	10/8/2019 17:35	28.89	73.0	5.20	4.8	SR13	10/8/2019 23:35	28.95	72.6	5.25	5.1
SR13	10/8/2019 5:40	28.96	73.6	5.29	3.5	SR13	10/8/2019 11:40	28.94	73.2	5.28	4.7	SR13	10/8/2019 17:40	28.88	74.0	5.27	5.3	SR13	10/8/2019 23:40	28.97	69.4	5.05	5.0
SR13	10/8/2019 5:45	28.91	72.7	5.20	3.8	SR13	10/8/2019 11:45	28.93	72.0	5.14	3.8	SR13	10/8/2019 17:45	28.87	73.2	5.22	4.8	SR13	10/8/2019 23:45	29.02	70.6	5.09	4.6
SR13	10/8/2019 5:50	28.95	73.6	5.28	3.1	SR13	10/8/2019 11:50	28.94	73.1	5.28	4.3	SR13	10/8/2019 17:50	28.88	73.4	5.20	7.0	SR13	10/8/2019 23:50	29.01	68.8	4.99	4.7
SR13	10/8/2019 5:55	28.94	72.5	5.22	3.2	SR13	10/8/2019 11:55	28.95	77.0	5.47	3.7	SR13	10/8/2019 17:55	28.90	74.2	5.28	6.3	SR13	10/8/2019 23:55	29.04	71.6	5.16	4.7

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	10/8/2019 0:17	0.13				SR12	10/8/2019 0:17	0.19			
SR4	10/8/2019 0:37	0.12				SR12	10/8/2019 0:37	0.19			
SR4	10/8/2019 0:57	0.13				SR12	10/8/2019 0:57	0.18			
SR4	10/8/2019 1:17	0.13				SR12	10/8/2019 1:17	0.18			
SR4	10/8/2019 1:37	0.12				SR12	10/8/2019 1:37	0.19			
SR4	10/8/2019 1:57	0.12				SR12	10/8/2019 1:57	0.18			
SR4	10/8/2019 2:17	0.12				SR12	10/8/2019 2:17	0.20			
SR4	10/8/2019 2:37	0.12				SR12	10/8/2019 2:37	0.19			
SR4	10/8/2019 2:57	0.13				SR12	10/8/2019 2:57	0.20			
SR4	10/8/2019 3:17	0.13				SR12	10/8/2019 3:17	0.20			
SR4	10/8/2019 3:37	0.12				SR12	10/8/2019 3:37	0.18			
SR4	10/8/2019 3:57	0.14				SR12	10/8/2019 3:57	0.19			
SR4	10/8/2019 4:17	0.12				SR12	10/8/2019 4:17	0.18			
SR4	10/8/2019 4:37	0.14				SR12	10/8/2019 4:37	0.20			
SR4	10/8/2019 4:57	0.13				SR12	10/8/2019 4:57	0.20			
SR4	10/8/2019 5:17	0.15				SR12	10/8/2019 5:17	0.18			
SR4	10/8/2019 5:37	0.15				SR12	10/8/2019 5:37	0.19			
SR4	10/8/2019 5:57	0.14				SR12	10/8/2019 5:57	0.18			
SR4						SR12					
SR4	10/8/2019 6:37	0.14				SR12	10/8/2019 6:37	0.20			
SR4	10/8/2019 6:57	0.12				SR12	10/8/2019 6:57	0.19			
SR4	10/8/2019 7:17	0.15				SR12	10/8/2019 7:17	0.18			
SR4	10/8/2019 7:37	0.13				SR12	10/8/2019 7:37	0.18			
SR4	10/8/2019 7:57	0.14				SR12	10/8/2019 7:57	0.20			
SR4	10/8/2019 8:17	0.14				SR12	10/8/2019 8:17	0.20			
SR4	10/8/2019 8:37	0.15				SR12	10/8/2019 8:37	0.19			
SR4	10/8/2019 8:57	0.12				SR12	10/8/2019 8:57	0.18			
SR4	10/8/2019 9:17	0.13				SR12	10/8/2019 9:17	0.20			
SR4	10/8/2019 9:37	0.13				SR12	10/8/2019 9:37	0.20			
SR4	10/8/2019 9:57	0.14				SR12	10/8/2019 9:57	0.19			
SR4	10/8/2019 10:17	0.13				SR12	10/8/2019 10:17	0.20			
SR4	10/8/2019 10:37	0.14				SR12	10/8/2019 10:37	0.18			
SR4	10/8/2019 10:57	0.13				SR12	10/8/2019 10:57	0.18			
SR4	10/8/2019 11:17	0.12				SR12	10/8/2019 11:17	0.18			
SR4	10/8/2019 11:37	0.14				SR12	10/8/2019 11:37	0.18			
SR4	10/8/2019 11:57	0.13				SR12	10/8/2019 11:57	0.20			
SR4	10/8/2019 12:17	0.14				SR12	10/8/2019 12:17	0.18			
SR4	10/8/2019 12:37	0.12				SR12	10/8/2019 12:37	0.18			
SR4	10/8/2019 12:57	0.12				SR12	10/8/2019 12:57	0.20			
SR4	10/8/2019 13:17	0.15				SR12	10/8/2019 13:17	0.18			
SR4	10/8/2019 13:37	0.12				SR12	10/8/2019 13:37	0.18			
SR4	10/8/2019 13:57	0.13				SR12	10/8/2019 13:57	0.18			
SR4	10/8/2019 14:17	0.13				SR12	10/8/2019 14:17	0.18			
SR4	10/8/2019 14:37	0.15				SR12	10/8/2019 14:37	0.16			
SR4	10/8/2019 14:57	0.14				SR12	10/8/2019 14:57	0.17			
SR4	10/8/2019 15:17	0.12				SR12	10/8/2019 15:17	0.17			
SR4	10/8/2019 15:37	0.12				SR12	10/8/2019 15:37	0.18			
SR4	10/8/2019 15:57	0.12				SR12	10/8/2019 15:57	0.17			
SR4	10/8/2019 16:17	0.12				SR12	10/8/2019 16:17	0.16			
SR4	10/8/2019 16:37	0.11				SR12	10/8/2019 16:37	0.17			
SR4	10/8/2019 16:57	0.14				SR12	10/8/2019 16:57	0.16			
SR4	10/8/2019 17:17	0.14				SR12	10/8/2019 17:17	0.17			
SR4	10/8/2019 17:37	0.11				SR12	10/8/2019 17:37	0.16			
SR4	10/8/2019 17:57	0.11				SR12	10/8/2019 17:57	0.17			
SR4	10/8/2019 18:17	0.13				SR12	10/8/2019 18:17	0.16			
SR4	10/8/2019 18:37	0.11				SR12	10/8/2019 18:37	0.16			
SR4	10/8/2019 18:57	0.11				SR12	10/8/2019 18:57	0.17			
SR4	10/8/2019 19:17	0.11				SR12	10/8/2019 19:17	0.17			
SR4	10/8/2019 19:37	0.12				SR12	10/8/2019 19:37	0.17			
SR4	10/8/2019 19:57	0.13				SR12	10/8/2019 19:57	0.16			
SR4	10/8/2019 20:17	0.13				SR12	10/8/2019 20:17	0.14			
SR4	10/8/2019 20:37	0.12				SR12	10/8/2019 20:37	0.16			
SR4	10/8/2019 20:57	0.12				SR12	10/8/2019 20:57	0.15			
SR4	10/8/2019 21:17	0.11				SR12	10/8/2019 21:17	0.16			
SR4	10/8/2019 21:37	0.13				SR12	10/8/2019 21:37	0.14			
SR4	10/8/2019 21:57	0.11				SR12	10/8/2019 21:57	0.16			
SR4	10/8/2019 22:17	0.12				SR12	10/8/2019 22:17	0.14			
SR4	10/8/2019 22:37	0.12				SR12	10/8/2019 22:37	0.14			
SR4	10/8/2019 22:57	0.13				SR12	10/8/2019 22:57	0.15			
SR4	10/8/2019 23:17	0.12				SR12	10/8/2019 23:17	0.16			
SR4	10/8/2019 23:37	0.14				SR12	10/8/2019 23:37	0.16			
SR4	10/8/2019 23:57	0.11				SR12	10/8/2019 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.
SR5 monitoring station was under maintenance during 13:15-13:35.

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	10/9/2019 0:01	28.96	80.1	5.29	2.4	SR4	10/9/2019 6:01	29.10	74.5	4.94	1.8	SR4	10/9/2019 12:01	29.61	86.0	5.69	1.7	SR4	10/9/2019 18:01	29.21	77.4	5.27	4.0
SR4	10/9/2019 0:06	28.98	77.9	5.11	3.1	SR4	10/9/2019 6:06	29.10	81.8	5.43	3.1	SR4	10/9/2019 12:06	29.54	85.2	5.60	1.7	SR4	10/9/2019 18:06	29.20	78.1	5.30	2.9
SR4	10/9/2019 0:11	28.98	74.4	4.97	1.8	SR4	10/9/2019 6:11	29.11	77.2	5.10	2.7	SR4	10/9/2019 12:11	29.48	86.2	5.68	2.1	SR4	10/9/2019 18:11	29.21	79.2	5.39	3.5
SR4	10/9/2019 0:16	28.98	71.7	4.76	2.0	SR4	10/9/2019 6:16	29.08	74.0	4.89	1.3	SR4						SR4	10/9/2019 18:16	29.20	79.1	5.38	3.2
SR4	10/9/2019 0:21	28.97	70.0	4.69	1.5	SR4	10/9/2019 6:21	29.10	82.0	5.42	2.8	SR4						SR4	10/9/2019 18:21	29.19	78.2	5.32	3.1
SR4	10/9/2019 0:26	29.03	80.7	5.29	1.0	SR4	10/9/2019 6:26	29.09	80.5	5.27	2.0	SR4						SR4	10/9/2019 18:26	29.19	76.0	5.16	2.4
SR4	10/9/2019 0:31	29.04	77.8	5.08	1.1	SR4	10/9/2019 6:31	29.09	77.1	5.11	1.2	SR4						SR4	10/9/2019 18:31	29.20	76.7	5.22	3.3
SR4	10/9/2019 0:36	29.02	76.3	5.08	2.8	SR4	10/9/2019 6:36	29.09	78.9	5.19	2.8	SR4						SR4	10/9/2019 18:36	29.18	76.5	5.20	3.0
SR4	10/9/2019 0:41	29.01	72.5	4.86	3.3	SR4	10/9/2019 6:41	29.10	78.0	5.10	1.3	SR4						SR4	10/9/2019 18:41	29.18	76.4	5.20	3.3
SR4	10/9/2019 0:46	29.02	79.6	5.33	1.4	SR4	10/9/2019 6:46	29.10	75.4	4.98	1.6	SR4						SR4	10/9/2019 18:46	29.19	75.6	5.14	2.9
SR4	10/9/2019 0:51	29.03	80.6	5.30	2.0	SR4	10/9/2019 6:51	29.10	74.8	5.01	1.7	SR4						SR4	10/9/2019 18:51	29.16	73.5	5.00	2.2
SR4	10/9/2019 0:56	29.03	77.3	5.14	1.2	SR4	10/9/2019 6:56	29.10	77.7	5.08	2.0	SR4						SR4	10/9/2019 18:56	29.18	73.3	4.98	2.7
SR4	10/9/2019 1:01	29.04	78.3	5.12	1.1	SR4	10/9/2019 7:01	29.08	76.0	5.07	1.8	SR4						SR4	10/9/2019 19:01	29.19	70.6	4.80	2.5
SR4	10/9/2019 1:06	28.91	54.5	3.61	1.6	SR4	10/9/2019 7:06	29.07	80.2	5.27	1.8	SR4						SR4	10/9/2019 19:06	29.18	72.9	4.96	3.5
SR4	10/9/2019 1:11	28.93	55.2	3.68	1.3	SR4	10/9/2019 7:11	29.08	76.5	5.08	1.4	SR4						SR4	10/9/2019 19:11	29.20	72.5	4.93	3.2
SR4	10/9/2019 1:16	29.04	77.7	5.15	1.3	SR4	10/9/2019 7:16	29.06	78.2	5.24	1.5	SR4						SR4	10/9/2019 19:16	29.20	71.4	4.86	3.1
SR4	10/9/2019 1:21	28.99	71.7	4.71	1.1	SR4	10/9/2019 7:21	29.06	74.1	4.95	1.1	SR4						SR4	10/9/2019 19:21	29.18	73.8	5.02	3.8
SR4	10/9/2019 1:26	28.99	65.9	4.41	1.9	SR4	10/9/2019 7:26	29.08	76.7	5.08	1.8	SR4						SR4	10/9/2019 19:26	29.17	73.5	5.00	5.3
SR4	10/9/2019 1:31	29.03	71.9	4.76	1.1	SR4	10/9/2019 7:31	29.09	77.0	5.12	1.9	SR4	10/9/2019 13:31	29.53	70.9	4.72	4.7	SR4	10/9/2019 19:31	29.17	73.4	4.98	5.3
SR4	10/9/2019 1:36	29.03	71.5	4.67	1.0	SR4	10/9/2019 7:36	29.08	78.8	5.15	4.6	SR4	10/9/2019 13:36	29.62	67.9	4.45	3.7	SR4	10/9/2019 19:36	29.16	72.3	4.92	3.3
SR4	10/9/2019 1:41	29.03	70.0	4.63	1.1	SR4	10/9/2019 7:41	29.06	75.7	4.95	3.1	SR4	10/9/2019 13:41	29.64	71.7	4.78	4.3	SR4	10/9/2019 19:41	29.16	74.4	5.06	3.8
SR4	10/9/2019 1:46	29.04	72.1	4.71	1.4	SR4	10/9/2019 7:46	29.09	75.8	4.97	2.3	SR4	10/9/2019 13:46	29.65	70.8	4.68	3.9	SR4	10/9/2019 19:46	29.15	72.1	4.91	4.7
SR4	10/9/2019 1:51	29.06	73.1	4.81	1.1	SR4	10/9/2019 7:51	29.07	76.7	5.03	6.1	SR4	10/9/2019 13:51	29.53	64.5	4.28	4.5	SR4	10/9/2019 19:51	29.16	69.3	4.73	3.1
SR4	10/9/2019 1:56	29.10	75.9	5.08	2.0	SR4	10/9/2019 7:56	29.09	82.4	5.49	3.1	SR4	10/9/2019 13:56	29.52	63.7	4.24	4.4	SR4	10/9/2019 19:56	29.15	68.4	4.66	2.8
SR4	10/9/2019 2:01	29.10	73.4	4.89	1.2	SR4	10/9/2019 8:01	29.10	77.0	5.11	2.1	SR4	10/9/2019 14:01	29.79	61.9	4.07	4.3	SR4	10/9/2019 20:01	29.14	70.8	4.82	3.1
SR4	10/9/2019 2:06	29.05	61.0	4.08	1.1	SR4	10/9/2019 8:06	29.11	77.6	5.07	1.5	SR4	10/9/2019 14:06	29.78	58.0	3.81	4.2	SR4	10/9/2019 20:06	29.15	71.9	4.90	4.2
SR4	10/9/2019 2:11	29.11	79.6	5.27	2.4	SR4	10/9/2019 8:11	29.11	72.9	4.89	1.5	SR4	10/9/2019 14:11	29.82	69.8	4.68	5.2	SR4	10/9/2019 20:11	29.15	72.0	4.90	3.4
SR4	10/9/2019 2:16	29.12	80.1	5.27	3.6	SR4	10/9/2019 8:16	29.04	80.9	5.29	2.2	SR4	10/9/2019 14:16	29.90	64.0	4.29	4.8	SR4	10/9/2019 20:16	29.15	71.6	4.87	3.5
SR4	10/9/2019 2:21	29.12	76.5	5.06	1.8	SR4	10/9/2019 8:21	29.02	82.1	5.47	3.7	SR4	10/9/2019 14:21	29.75	53.2	3.47	3.8	SR4	10/9/2019 20:21	29.12	67.9	4.63	2.5
SR4	10/9/2019 2:26	29.11	73.9	4.91	1.9	SR4	10/9/2019 8:26	29.02	83.9	5.49	1.9	SR4	10/9/2019 14:26	29.80	53.8	3.59	5.1	SR4	10/9/2019 20:26	29.16	70.4	4.80	3.7
SR4	10/9/2019 2:31	29.11	77.5	5.08	1.4	SR4	10/9/2019 8:31	29.03	85.2	5.67	2.7	SR4	10/9/2019 14:31	29.86	61.4	4.11	5.4	SR4	10/9/2019 20:31	29.15	71.4	4.86	3.9
SR4	10/9/2019 2:36	29.10	76.3	5.08	2.1	SR4	10/9/2019 8:36	29.06	82.3	5.46	2.1	SR4	10/9/2019 14:36	29.62	87.0	5.73	4.5	SR4	10/9/2019 20:36	29.13	69.3	4.73	2.7
SR4	10/9/2019 2:41	29.07	75.7	5.04	2.3	SR4	10/9/2019 8:41	29.07	83.3	5.47	5.7	SR4	10/9/2019 14:41	29.73	72.1	4.75	4.7	SR4	10/9/2019 20:41	29.15	72.6	4.94	4.9
SR4	10/9/2019 2:46	29.09	76.6	5.02	1.8	SR4	10/9/2019 8:46	29.08	84.4	5.53	3.1	SR4	10/9/2019 14:46	29.70	73.2	4.78	4.3	SR4	10/9/2019 20:46	29.15	70.5	4.80	4.6
SR4	10/9/2019 2:51	29.08	74.8	4.97	2.2	SR4	10/9/2019 8:51	29.09	84.3	5.58	3.3	SR4	10/9/2019 14:51	29.43	75.4	4.94	4.1	SR4	10/9/2019 20:51	29.15	69.0	4.70	4.5
SR4	10/9/2019 2:56	29.08	77.6	5.20	1.8	SR4	10/9/2019 8:56	29.11	82.5	5.46	2.4	SR4	10/9/2019 14:56	29.63	67.7	4.49	3.1	SR4	10/9/2019 20:56	29.15	70.7	4.82	3.9
SR4	10/9/2019 3:01	29.15	76.8	5.03	4.1	SR4	10/9/2019 9:01	29.14	81.8	5.45	2.4	SR4	10/9/2019 15:01	29.60	87.3	6.74	1.5	SR4	10/9/2019 21:01	29.15	70.3	4.79	3.7
SR4	10/9/2019 3:06	29.09	74.8	4.98	1.9	SR4	10/9/2019 9:06	29.13	85.2	5.58	3.5	SR4	10/9/2019 15:06	29.54	82.3	5.38	3.3	SR4	10/9/2019 21:06	29.14	68.3	4.66	3.6
SR4	10/9/2019 3:11	29.12	78.4	5.14	3.0	SR4	10/9/2019 9:11	29.12	85.8	5.67	2.4	SR4	10/9/2019 15:11	29.49	81.5	5.37	2.5	SR4	10/9/2019 21:11	29.15	68.1	4.63	3.1
SR4	10/9/2019 3:16	29.10	78.9	5.17	2.7	SR4	10/9/2019 9:16	29.12	87.4	5.72	5.2	SR4	10/9/2019 15:16	29.47	89.7	5.95	2.1	SR4	10/9/2019 21:16	29.14	68.4	4.66	5.3
SR4	10/9/2019 3:21	29.10	80.8	5.29	2.7	SR4	10/9/2019 9:21	29.17	88.0	5.77	1.7	SR4	10/9/2019 15:21	29.44	82.4	5.49	2.6	SR4	10/9/2019 21:21	29.14	69.9	4.76	5.1
SR4	10/9/2019 3:26	29.09	79.1	5.24	2.3	SR4	10/9/2019 9:26	29.18	80.2	5.28	1.7	SR4	10/9/2019 15:26	29.46	77.2	5.10	2.5	SR4	10/9/2019 21:26	29.14	70.6	4.80	3.8
SR4	10/9/2019 3:31	29.10	70.2	4.64	2.3	SR4	10/9/2019 9:31	29.20	82.9	5.42	1.8	SR4	10/9/2019 15:31	29.44	75.6	5.12	2.7	SR4	10/9/2019 21:31	29.14	70.5	4.80	3.1
SR4	10/9/2019 3:36	29.08	67.9	4.54	2.4	SR4	10/9/2019 9:36	29.18	83.5	5.47	2.6	SR4	10/9/2019 15:36	29.52	63.8	4.33	2.5	SR4	10/9/2019 21:36	29.08	75.4	5.14	3.2
SR4	10/9/2019 3:41	29.08	69.5	4.57	2.6	SR4	10/9/2019 9:41	29.18	81.7	5.49	2.1	SR4	10/9/2019 15:41	29.50	68.3	4.63	2.7	SR4	10/9/2019 21:41	29.11	76.6	5.22	2.8
SR4	10/9/2019 3:46	29.09	67.9	4.47	2.2	SR4	10/9/2019 9:46	29.16	85.9	5.68	3.0	SR4	10/9/2019 15:46	29.44	76.6	5.20	2.8	SR4	10/9/2019 21:46	29.10	79.7	5.44	3.3
SR4	10/9/2019 3:51	29.10	68.3	4.46	2.7	SR4	10/9/2019 9:51	29.13	83.7	5.54	3.1	SR4	10/9/2019 15:51	29.43	79.1	5.36	2.1	SR4	10/9/2019 21:51	29.09	80.0	5.46	4.1
SR4	10/9/2019 3:56	29.05	70.9	4.73	3.1	SR4	10/9/2019 9:56	29.16	85.5	5.60	3.2	SR4	10/9/2019 15:56	29.33	81.4	5.53	2.6	SR4	10/9/2019 21:56	29.09	80.8	5.52	3.1
SR4	10/9/2019 4:01	29.04	71.9	4.79	2.5	SR4	10/9/2019 10:01	29.19	85.0	5.67	2.1	SR4	10/9/2019 16:01	29.48	71.1	4.82	2.5	SR4	10/9/2019 22:01	29.09	77.3	5.28	3.0
SR4	10/9/2019 4:06	29.05	69.6	4.65	2.3	SR4	10/9/2019 10:06	29.21	85.8	5.66	2.5	SR4	10/9/2019 16:06	29.45	74.5	5.05	2.1	SR4	10/9/2019 22:06	29.09	75.8	5.17	2.3
SR4	10/9/2019 4:11	29.05	71.2	4.69	2.3	SR4	10/9/2019 10:11	29.20	83.1	5.47	2.6	SR4	10/9/2019 16:11	29.43	76.2	5.17	2.8	SR4	10/9/2019 22:11	29.08	70.3	4.79	2.0
SR4	10/9/2019 4:16	29.11	79.1	5.19	3.2	SR4	10/9/2019 10:16	29.19	82.6	5.49	2.2	SR4	10/9/2019 16:16	29.32	81.8	5.54	3.6	SR4	10/9/2019 22:16	29.09	65.3	4.45	1.4
SR4	10/9/2019 4:21	29.12	74.2	4.94	2.5	SR4	10/9/2019 10:21	29.22	84.9	5.59	1.7	SR4	10/9/2019 16:21	29.32	83.0	5.63	8.0	SR4	10/9/2019 22:21	29.10	72.3	4.93	1.9
SR4	10/9/2019 4:26	29.12	69.0	4.63	0.9	SR4	10/9/2019 10:26	29.28	87.3	5.73	5.3	SR4	10/9/2019 16:26	29.28	82.6	5.60	4.9	SR4	10/9/2019 22:26	29.09	79.2	5.40	4.3
SR4	10/9/2019 4:31	29.08	78.3	5.20	3.0	SR4	10/9/2019 10:31	29.28	87.6	5.77	5.4	SR4	10/9/2019 16:31	29.25	83.7	5.69	5.8	SR4	10/9/2019 22:31	29.10	78.9	5.38	4.3
SR4	10/9/2019 4:36	29.08	73.6	4.94	1.1	SR4	10/9/2019 10:36	29.29	89.7	5.95	2.6	SR4	10/9/2019 16:36	29.24	83.1	5.64	3.2	SR4	10/9/2019 22:36	29.10	78.1	5.33	3.8
SR4	10/9/2019 4:41	29.09	76.2	4.98	1.7	SR4	10/9/2019 10:41	29.30	88.0	5.85	3.1	SR4	10/9/2019 16:41	29.24	82.0	5.57	3.2	SR4	10/9/2019 22:41	29.10	77.2	5.26	2.9
SR4	10/9/2019 4:46	29.09	73.7	4.85	7.5	SR4	10/9/2019 10:46	29.35	81.3	5.45	2.2	SR4	10/9/2019 16:46	29.24	81.1	5.51	2.5	SR4	10/9/2019 22:46	29.04	72.7	4.97	2.3
SR4	10/9/2019 4:51	29.12	75.7	5.03	4.0	SR4	10/9/2019 10:51	29.32	81.8	5.36	2.2	SR4	10/9/2019 16:51	29.24	80.6	5.47	2.8	SR4	10/9/2019 22:51	29.09	74.5	5.08	2.1
SR4	10/9/2019 4:56	29.14	74.3	4.95	1.5	SR4	10/9/2019 10:56	29.34	88.3	5.80	2.3	SR4	10/9/2019 16:56	29.22	81.5	5.54	3.0	SR4	10/9/2019 22:56	29.08	72.8	4.97	2.5
SR4	10/9/2019 5:01	29.14	71.1	4.77	1.7	SR4	10/9/2019 11:01	29.35	85.6	5.67	2.4	SR4	10/9/2019 17:01	29.26	81.1	5.51	2.8	SR4	10/9/2019 23:01	29.09	71.8	4.90	1.9
SR4	10/9/2019 5:06	29.14	71.3	4.77	2.4	SR4	10/9/2019 11:06	29.32	85.2	5.60	2.5	SR4	10/9/2019 17:06	29.26	80.6	5.47	3.4	SR4	10/9/2019 23:06	29.09	73.6	5.02	1.9
SR4	10/9/2019 5:11	29.13	80.0	5.27	5.3	SR4	10/9/2019 11:11	29.50	82.9	5.43	6.8	SR4	10/9/2019 17:11	29.24	78.4	5.33	2.1	SR4	10/9/2019 23:11	29.09	75.6	5.15	2.4
SR4	10/9/2019 5:16	29.13	75.4	4.99	1.8	SR4	10/9/2019 11:16	29.35	83.0	5.43	5.8	SR4	10/9/2019 17:16	29.23	80.3	5.45	3.5	SR4	10/9/2019 23:16	29.09	76.6	5.22	3.9
SR4	10/9/2019 5:21	29.14	77.6	5.14	1.9	SR4	10/9/2019 11:21	29.17	84.2	5.62	7.9	SR4	10/9/2019 17:21	29.23	80.0	5.44	2.3	SR4	10/9/2019 23:21	29.10	75.0	5.11	3.9
SR4	10/9/2019 5:26	29.14	72.7	4.88	1.8	SR4	10/9/2019 11:26	29.61	82.6	5.41	**15.2**	SR4	10/9/2019 17:26	29.23	79.6	5.40	2.8	SR4	10/9/2019 23:26	29.11	75.2	5.12	2.8
SR4	10/9/2019 5:31	29.13	74.2	4.91	2.3	SR4	10/9/2019 11:31	29.53	87.5	5.76	2.7	SR4	10/9/2019 17:31	29.22	78.2	5.32	2.2	SR4	10/9/2019 23:31	29.11	75.7	5.16	2.6
SR4	10/9/2019 5:36	29.12	77.7	5.15	1.6	SR4	10/9/2019 11:36	29.58	84.4	5.56	2.0	SR4	10/9/2019 17:36	29.22	78.1	5.30	2.8	SR4	10/9/2019 23:36	29.10	75.6	5.15	3.1
SR4	10/9/2019 5:41	29.12	74.6	4.95	1.1	SR4	10/9/2019 11:41	29.60	81.5	5.37	2.2	SR4	10/9/2019 17:41	29.21	78.8	5.35	2.8	SR4	10/9/2019 23:41	29.10	73.1	4.98	2.6
SR4	10/9/2019 5:46	29.12	76.4	4.99	1.8	SR4	10/9/2019 11:46	29.59	84.4	5.67	1.7	SR4	10/9/2019 17:46	29.21	81.7	5.54	3.7	SR4	10/9/2019 23:46	29.10	73.5	5.00	2.4
SR4	10/9/2019 5:51	29.12	74.7	4.97	2.2	SR4	10/9/2019 11:51	29.57	81.3	5.38	1.8	SR4	10/9/2019 17:51	29.23	77.5	5.27	2.7	SR4	10/9/2019 23:51	29.11	74.9	5.10	2.8
SR4	10/9/2019 5:56	29.12	79.4	5.29	3.1	SR4	10/9/2019 11:56	29.54	82.2	5.42	2.0	SR4	10/9/2019 17:56	29.21	76.7	5.22	3.2	SR4	10/9/2019 23:56	28.99	69.2	4.73	1.7

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	10/9/2019 0:00	29.06	76.4	5.34	5.3	SR5	10/9/2019 6:00	29.07	75.0	5.45	6.9	SR5	10/9/2019 12:00	28.96	85.9	5.52	6.3	SR5	10/9/2019 18:00	29.10	75.3	5.26	6.7
SR5	10/9/2019 0:05	29.09	76.4	5.34	5.4	SR5	10/9/2019 6:05	29.08	75.7	5.51	5.1	SR5	10/9/2019 12:05	28.98	85.5	5.49	7.1	SR5	10/9/2019 18:05	29.11	77.9	5.45	7.0
SR5	10/9/2019 0:10	29.03	74.7	5.22	5.1	SR5	10/9/2019 6:10	29.09	75.4	5.49	6.0	SR5	10/9/2019 12:10	28.98	85.6	5.50	6.0	SR5	10/9/2019 18:10	29.11	77.9	5.45	7.3
SR5	10/9/2019 0:15	29.07	75.0	5.24	4.0	SR5	10/9/2019 6:15	29.09	75.9	5.31	9.4	SR5	10/9/2019 12:15	29.02	85.4	5.48	6.4	SR5	10/9/2019 18:15	29.11	78.6	5.50	7.2
SR5	10/9/2019 0:20	29.04	75.6	5.29	5.9	SR5	10/9/2019 6:20	29.09	74.3	5.20	8.0	SR5	10/9/2019 12:20	29.02	84.4	5.41	6.6	SR5	10/9/2019 18:20	29.12	76.7	5.36	6.2
SR5	10/9/2019 0:25	29.04	75.2	5.26	4.9	SR5	10/9/2019 6:25	29.05	77.7	5.45	6.9	SR5	10/9/2019 12:25	29.02	84.5	5.42	6.4	SR5	10/9/2019 18:25	29.12	76.8	5.37	6.1
SR5	10/9/2019 0:30	29.08	77.7	5.44	5.1	SR5	10/9/2019 6:30	29.05	76.7	5.38	5.1	SR5	10/9/2019 12:30	29.02	83.9	5.38	6.2	SR5	10/9/2019 18:30	29.12	79.4	5.56	6.2
SR5	10/9/2019 0:35	29.08	75.4	5.27	5.2	SR5	10/9/2019 6:35	28.93	73.9	5.16	5.9	SR5	10/9/2019 12:35	29.02	83.7	5.37	6.5	SR5	10/9/2019 18:35	29.12	76.9	5.37	7.2
SR5	10/9/2019 0:40	29.04	79.4	5.55	5.0	SR5	10/9/2019 6:40	29.05	77.5	5.44	5.1	SR5	10/9/2019 12:40	29.03	83.8	5.38	7.2	SR5	10/9/2019 18:40	29.12	76.5	5.34	6.3
SR5	10/9/2019 0:45	29.05	78.8	5.51	5.9	SR5	10/9/2019 6:45	29.07	77.0	5.39	5.0	SR5	10/9/2019 12:45	29.03	84.2	5.40	6.8	SR5	10/9/2019 18:45	29.12	77.2	5.40	6.6
SR5	10/9/2019 0:50	29.05	76.6	5.34	4.8	SR5	10/9/2019 6:50	29.03	76.9	5.39	5.1	SR5	10/9/2019 12:50	29.02	84.1	5.40	6.7	SR5	10/9/2019 18:50	29.12	78.2	5.47	6.0
SR5	10/9/2019 0:55	29.02	77.9	5.44	4.9	SR5	10/9/2019 6:55	29.08	77.2	5.41	5.9	SR5	10/9/2019 12:55	29.06	84.0	5.39	5.3	SR5	10/9/2019 18:55	29.12	75.8	5.29	6.4
SR5	10/9/2019 1:00	29.01	78.5	5.48	4.9	SR5	10/9/2019 7:00	29.08	75.1	5.25	6.0	SR5	10/9/2019 13:00	29.05	83.3	5.35	6.7	SR5	10/9/2019 19:00	29.12	75.7	5.28	6.4
SR5	10/9/2019 1:05	28.96	79.9	5.59	4.8	SR5	10/9/2019 7:05	29.08	75.9	5.31	4.6	SR5	10/9/2019 13:05	29.06	84.2	5.40	6.4	SR5	10/9/2019 19:05	29.11	77.1	5.39	6.6
SR5	10/9/2019 1:10	29.06	76.8	5.35	5.5	SR5	10/9/2019 7:10	29.09	77.2	5.41	6.2	SR5	10/9/2019 13:10	29.12	85.1	5.46	6.0	SR5	10/9/2019 19:10	29.12	76.9	5.37	6.5
SR5	10/9/2019 1:15	29.00	76.6	5.34	5.3	SR5	10/9/2019 7:15	29.09	76.5	5.36	6.0	SR5	10/9/2019 13:15	29.11	84.7	5.44	7.0	SR5	10/9/2019 19:15	29.11	76.1	5.32	7.0
SR5	10/9/2019 1:20	29.02	79.5	5.56	5.9	SR5	10/9/2019 7:20	29.09	75.2	5.26	5.1	SR5	10/9/2019 13:20	29.09	84.8	5.45	6.8	SR5	10/9/2019 19:20	29.11	77.7	5.44	6.9
SR5	10/9/2019 1:25	29.04	78.4	5.47	4.4	SR5	10/9/2019 7:25	29.10	76.3	5.34	6.1	SR5	10/9/2019 13:25	29.09	84.9	5.45	6.2	SR5	10/9/2019 19:25	29.11	78.2	5.48	6.4
SR5	10/9/2019 1:30	29.04	76.2	5.30	5.2	SR5	10/9/2019 7:30	29.10	75.5	5.28	6.5	SR5	10/9/2019 13:30	29.13	84.7	5.43	6.3	SR5	10/9/2019 19:30	29.12	77.2	5.41	7.3
SR5	10/9/2019 1:35	29.00	79.8	5.57	5.7	SR5	10/9/2019 7:35	29.10	77.0	5.39	6.1	SR5	10/9/2019 13:35	29.14	84.4	5.41	6.7	SR5	10/9/2019 19:35	29.11	76.1	5.32	6.6
SR5	10/9/2019 1:40	29.05	78.5	5.49	5.2	SR5	10/9/2019 7:40	29.10	74.8	5.23	4.9	SR5	10/9/2019 13:40	29.12	84.0	5.39	7.1	SR5	10/9/2019 19:40	29.11	77.5	5.43	6.6
SR5	10/9/2019 1:45	29.00	78.1	5.46	5.6	SR5	10/9/2019 7:45	29.08	78.5	5.51	5.6	SR5	10/9/2019 13:45	29.15	84.6	5.43	6.0	SR5	10/9/2019 19:45	29.11	76.8	5.37	5.8
SR5	10/9/2019 1:50	29.02	80.5	5.64	4.0	SR5	10/9/2019 7:50	29.09	75.0	5.24	6.2	SR5	10/9/2019 13:50	29.17	84.1	5.39	5.8	SR5	10/9/2019 19:50	29.11	76.8	5.37	7.3
SR5	10/9/2019 1:55	29.06	80.0	5.61	4.8	SR5	10/9/2019 7:55	29.09	73.9	5.16	5.7	SR5	10/9/2019 13:55	29.16	84.2	5.39	6.1	SR5	10/9/2019 19:55	29.11	76.8	5.37	6.5
SR5	10/9/2019 2:00	29.07	76.5	5.34	5.3	SR5	10/9/2019 8:00	29.09	74.7	5.22	6.2	SR5	10/9/2019 14:00	29.17	84.9	5.44	6.0	SR5	10/9/2019 20:00	29.11	75.9	5.31	6.7
SR5	10/9/2019 2:05	29.06	80.3	5.63	4.8	SR5	10/9/2019 8:05	28.98	75.2	5.27	5.5	SR5	10/9/2019 14:05	29.22	85.8	5.49	6.3	SR5	10/9/2019 20:05	29.11	78.7	5.51	5.7
SR5	10/9/2019 2:10	29.10	78.3	5.48	5.3	SR5	10/9/2019 8:10	28.97	75.0	5.24	5.5	SR5	10/9/2019 14:10	29.26	85.5	5.47	6.3	SR5	10/9/2019 20:10	29.11	78.7	5.51	6.7
SR5	10/9/2019 2:15	29.11	77.2	5.39	4.9	SR5	10/9/2019 8:15	28.99	75.2	5.25	6.4	SR5	10/9/2019 14:15	29.23	85.3	5.46	5.8	SR5	10/9/2019 20:15	29.11	77.4	5.42	6.5
SR5	10/9/2019 2:20	29.11	78.2	5.47	5.8	SR5	10/9/2019 8:20	29.03	75.9	5.30	6.0	SR5	10/9/2019 14:20	29.21	85.1	5.44	6.4	SR5	10/9/2019 20:20	29.11	75.7	5.29	6.3
SR5	10/9/2019 2:25	29.10	78.4	5.48	4.7	SR5	10/9/2019 8:25	29.04	75.3	5.25	6.0	SR5	10/9/2019 14:25	29.17	84.6	5.42	5.9	SR5	10/9/2019 20:25	29.11	75.9	5.30	6.1
SR5	10/9/2019 2:30	29.05	80.1	5.61	6.9	SR5	10/9/2019 8:30	29.04	76.2	5.33	5.7	SR5	10/9/2019 14:30	29.18	85.0	5.44	5.6	SR5	10/9/2019 20:30	29.11	76.8	5.37	6.9
SR5	10/9/2019 2:35	29.09	79.2	5.55	6.3	SR5	10/9/2019 8:35	29.04	77.7	5.44	5.3	SR5	10/9/2019 14:35	29.12	83.4	5.34	5.8	SR5	10/9/2019 20:35	29.11	74.9	5.23	6.8
SR5	10/9/2019 2:40	29.02	76.7	5.37	4.6	SR5	10/9/2019 8:40	29.04	77.4	5.41	6.6	SR5	10/9/2019 14:40	29.13	83.8	5.37	5.8	SR5	10/9/2019 20:40	29.10	75.8	5.29	6.6
SR5	10/9/2019 2:45	29.06	77.9	5.46	4.6	SR5	10/9/2019 8:45	29.05	77.6	5.43	5.3	SR5	10/9/2019 14:45	29.18	84.4	5.40	6.4	SR5	10/9/2019 20:45	29.10	78.7	5.51	6.7
SR5	10/9/2019 2:50	29.06	78.4	5.50	4.7	SR5	10/9/2019 8:50	29.02	76.7	5.35	6.2	SR5	10/9/2019 14:50	29.22	84.9	5.43	5.6	SR5	10/9/2019 20:50	29.10	75.6	5.28	6.6
SR5	10/9/2019 2:55	29.01	78.6	5.50	4.9	SR5	10/9/2019 8:55	29.02	75.1	5.24	5.0	SR5	10/9/2019 14:55	29.23	85.4	5.46	5.3	SR5	10/9/2019 20:55	29.10	74.0	5.16	5.7
SR5	10/9/2019 3:00	29.00	80.3	5.63	4.8	SR5	10/9/2019 9:00	29.00	75.9	5.29	6.1	SR5	10/9/2019 15:00	29.19	84.9	5.44	5.8	SR5	10/9/2019 21:00	29.10	76.8	5.37	6.7
SR5	10/9/2019 3:05	29.04	80.1	5.62	5.4	SR5	10/9/2019 9:05	29.01	76.1	5.31	7.3	SR5	10/9/2019 15:05	29.17	84.3	5.41	6.2	SR5	10/9/2019 21:05	29.10	76.1	5.32	5.6
SR5	10/9/2019 3:10	29.11	79.2	5.54	5.9	SR5	10/9/2019 9:10	29.03	77.4	5.41	6.9	SR5	10/9/2019 15:10	29.23	85.5	5.48	6.2	SR5	10/9/2019 21:10	29.10	76.1	5.32	6.6
SR5	10/9/2019 3:15	28.99	80.8	5.67	5.4	SR5	10/9/2019 9:15	29.03	76.2	5.32	5.9	SR5	10/9/2019 15:15	29.17	84.7	5.43	6.2	SR5	10/9/2019 21:15	29.10	76.0	5.31	5.6
SR5	10/9/2019 3:20	29.00	80.7	5.66	6.5	SR5	10/9/2019 9:20	29.06	78.1	5.45	5.3	SR5	10/9/2019 15:20	29.18	84.4	5.40	6.0	SR5	10/9/2019 21:20	29.10	76.6	5.36	6.3
SR5	10/9/2019 3:25	29.01	80.6	5.64	5.5	SR5	10/9/2019 9:25	29.07	78.1	5.45	6.8	SR5	10/9/2019 15:25	29.19	85.0	5.45	5.8	SR5	10/9/2019 21:25	29.10	75.3	5.26	8.0
SR5	10/9/2019 3:30	29.07	79.1	5.54	6.2	SR5	10/9/2019 9:30	29.06	78.4	5.48	6.3	SR5	10/9/2019 15:30	29.21	85.1	5.45	5.6	SR5	10/9/2019 21:30	29.10	76.8	5.37	7.2
SR5	10/9/2019 3:35	29.06	75.6	5.28	6.1	SR5	10/9/2019 9:35	29.06	77.8	5.44	5.9	SR5	10/9/2019 15:35	29.20	86.7	5.55	6.5	SR5	10/9/2019 21:35	29.10	73.8	5.14	6.8
SR5	10/9/2019 3:40	29.05	75.5	5.28	6.3	SR5	10/9/2019 9:40	29.05	78.2	5.46	6.2	SR5	10/9/2019 15:40	29.21	86.8	5.56	6.2	SR5	10/9/2019 21:40	29.10	75.2	5.24	7.1
SR5	10/9/2019 3:45	29.10	77.9	5.45	5.0	SR5	10/9/2019 9:45	29.01	78.6	5.48	6.4	SR5	10/9/2019 15:45	29.22	86.3	5.52	6.3	SR5	10/9/2019 21:45	29.10	73.8	5.14	6.6
SR5	10/9/2019 3:50	29.02	77.9	5.46	5.7	SR5	10/9/2019 9:50	29.00	79.0	5.52	6.1	SR5	10/9/2019 15:50	29.23	87.0	5.57	7.2	SR5	10/9/2019 21:50	29.10	74.4	5.19	6.7
SR5	10/9/2019 3:55	29.04	76.7	5.36	6.8	SR5	10/9/2019 9:55	28.97	80.7	5.64	6.5	SR5	10/9/2019 15:55	29.22	86.8	5.56	6.2	SR5	10/9/2019 21:55	29.10	73.7	5.14	6.6
SR5	10/9/2019 4:00	29.02	76.1	5.32	6.3	SR5	10/9/2019 10:00	28.97	81.0	5.66	5.9	SR5	10/9/2019 16:00	29.22	87.1	5.57	6.4	SR5	10/9/2019 22:00	29.10	76.2	5.33	6.6
SR5	10/9/2019 4:05	29.03	76.5	5.35	5.5	SR5	10/9/2019 10:05	28.96	79.6	5.56	6.3	SR5	10/9/2019 16:05	29.21	85.3	5.46	6.6	SR5	10/9/2019 22:05	29.01	74.3	5.17	7.1
SR5	10/9/2019 4:10	29.05	74.8	5.22	6.4	SR5	10/9/2019 10:10	28.96	80.3	5.62	7.3	SR5	10/9/2019 16:10	29.21	84.1	5.39	6.1	SR5	10/9/2019 22:10	29.07	77.3	5.39	6.8
SR5	10/9/2019 4:15	29.02	76.1	5.32	7.2	SR5	10/9/2019 10:15	28.96	79.1	5.53	5.7	SR5	10/9/2019 16:15	29.22	85.3	5.46	6.2	SR5	10/9/2019 22:15	29.08	76.3	5.32	7.0
SR5	10/9/2019 4:20	29.02	74.0	5.16	5.4	SR5	10/9/2019 10:20	28.94	79.1	5.52	6.2	SR5	10/9/2019 16:20	29.21	85.0	5.45	6.6	SR5	10/9/2019 22:20	29.09	75.0	5.22	7.2
SR5	10/9/2019 4:25	29.01	74.3	5.19	5.1	SR5	10/9/2019 10:25	28.93	81.0	5.67	6.5	SR5	10/9/2019 16:25	29.21	85.8	5.49	6.2	SR5	10/9/2019 22:25	29.08	77.9	5.44	6.9
SR5	10/9/2019 4:30	29.02	75.9	5.31	4.9	SR5	10/9/2019 10:30	28.95	79.6	5.56	6.5	SR5	10/9/2019 16:30	29.19	85.0	5.45	6.0	SR5	10/9/2019 22:30	29.09	74.8	5.21	6.1
SR5	10/9/2019 4:35	29.03	76.0	5.32	5.1	SR5	10/9/2019 10:35	28.94	77.6	5.41	6.9	SR5	10/9/2019 16:35	29.13	83.6	5.36	6.6	SR5	10/9/2019 22:35	29.09	76.8	5.36	6.0
SR5	10/9/2019 4:40	29.03	76.1	5.32	4.9	SR5	10/9/2019 10:40	28.89	81.1	5.67	6.2	SR5	10/9/2019 16:40	29.14	84.1	5.39	7.0	SR5	10/9/2019 22:40	29.09	76.8	5.36	7.0
SR5	10/9/2019 4:45	29.04	74.7	5.22	5.4	SR5	10/9/2019 10:45	28.91	80.2	5.59	6.4	SR5	10/9/2019 16:45	29.14	83.2	5.34	6.7	SR5	10/9/2019 22:45	29.09	75.9	5.29	7.0
SR5	10/9/2019 4:50	29.05	75.3	5.26	4.9	SR5	10/9/2019 10:50	28.90	79.1	5.51	6.1	SR5	10/9/2019 16:50	29.15	83.0	5.32	7.0	SR5	10/9/2019 22:50	29.09	77.0	5.37	6.9
SR5	10/9/2019 4:55	29.05	75.9	5.31	4.8	SR5	10/9/2019 10:55	28.91	80.8	5.64	6.1	SR5	10/9/2019 16:55	29.16	82.9	5.31	6.7	SR5	10/9/2019 22:55	29.09	77.2	5.38	6.4
SR5	10/9/2019 5:00	29.05	75.7	5.29	5.4	SR5	10/9/2019 11:00	28.91	81.2	5.68	6.0	SR5	10/9/2019 17:00	29.12	80.9	5.66	6.6	SR5	10/9/2019 23:00	29.08	76.8	5.35	6.4
SR5	10/9/2019 5:05	29.06	75.5	5.27	5.8	SR5	10/9/2019 11:05	28.93	80.6	5.62	6.5	SR5	10/9/2019 17:05	29.14	79.4	5.54	6.1	SR5	10/9/2019 23:05	29.07	76.4	5.32	7.7
SR5	10/9/2019 5:10	29.06	77.3	5.41	5.4	SR5	10/9/2019 11:10	28.93	82.1	5.27	6.3	SR5	10/9/2019 17:10	29.10	79.4	5.55	6.1	SR5	10/9/2019 23:10	29.04	77.5	5.40	6.3
SR5	10/9/2019 5:15	29.06	76.5	5.35	5.2	SR5	10/9/2019 11:15	28.93	82.5	5.29	6.8	SR5	10/9/2019 17:15	29.08	79.3	5.55	7.2	SR5	10/9/2019 23:15	29.05	77.5	5.40	5.7
SR5	10/9/2019 5:20	29.05	74.3	5.18	6.3	SR5	10/9/2019 11:20	28.94	81.9	5.26	6.7	SR5	10/9/2019 17:20	29.11	80.3	5.63	7.9	SR5	10/9/2019 23:20	29.04	77.9	5.43	6.8
SR5	10/9/2019 5:25	29.06	74.2	5.17	6.6	SR5	10/9/2019 11:25	28.95	83.6	5.37	5.9	SR5	10/9/2019 17:25	29.11	78.4	5.49	6.5	SR5	10/9/2019 23:25	29.04	75.3	5.24	6.3
SR5	10/9/2019 5:30	29.04	76.0	5.31	5.5	SR5	10/9/2019 11:30	28.95	83.8	5.37	5.6	SR5	10/9/2019 17:30	29.11	77.5	5.43	7.2	SR5	10/9/2019 23:30	29.04	77.0	5.37	6.9
SR5	10/9/2019 5:35	29.05	76.3	5.34	5.9	SR5	10/9/2019 11:35	28.98	84.3	5.41	5.6	SR5	10/9/2019 17:35	29.11	77.2	5.40	7.4	SR5	10/9/2019 23:35	29.02	77.8	5.43	6.3
SR5	10/9/2019 5:40	29.07	75.9	5.52	6.5	SR5	10/9/2019 11:40	28.97	83.9	5.39	6.2	SR5	10/9/2019 17:40	29.10	77.8	5.45	5.7	SR5	10/9/2019 23:40	29.02	76.3	5.31	6.3
SR5	10/9/2019 5:45	29.07	75.6	5.50	6.7	SR5	10/9/2019 11:45	28.92	84.8	5.45	5.6	SR5	10/9/2019 17:45	29.10	78.1	5.46	6.1	SR5	10/9/2019 23:45	29.00	76.6	5.33	7.5
SR5	10/9/2019 5:50	29.08	75.2	5.47	6.1	SR5	10/9/2019 11:50	28.97	84.5	5.42	6.7	SR5	10/9/2019 17:50	29.10	77.5	5.42	7.0	SR5	10/9/2019 23:50	29.00	76.7	5.34	6.6
SR5	10/9/2019 5:55	29.06	75.3	5.48	5.6	SR5	10/9/2019 11:55	28.96	85.3	5.48	6.0	SR5	10/9/2019 17:55	29.10	75.2	5.25	7.1	SR5	10/9/2019 23:55	28.98	78.5	5.47	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)
SR12	10/9/2019 0:01	30.09	68.6	4.97	6.0	SR12	10/9/2019 6:01	30.04	68.1	4.88	6.3	SR12	10/9/2019 12:01	29.58	69.8	5.01	4.6	SR12	10/9/2019 18:01	29.10	78.0	5.21	1.9
SR12	10/9/2019 0:06	30.14	71.1	5.10	5.0	SR12	10/9/2019 6:06	30.01	68.5	4.95	5.1	SR12	10/9/2019 12:06	29.60	70.8	5.12	5.1	SR12	10/9/2019 18:06	29.12	75.8	5.04	2.1
SR12	10/9/2019 0:11	30.14	64.8	4.71	4.6	SR12	10/9/2019 6:11	30.01	68.9	4.94	5.3	SR12	10/9/2019 12:11	29.60	69.9	5.05	4.3	SR12	10/9/2019 18:11	29.19	69.6	4.95	2.2
SR12	10/9/2019 0:16	30.18	63.9	4.63	5.3	SR12	10/9/2019 6:16	30.00	68.2	4.88	5.6	SR12	10/9/2019 12:16	29.57	62.9	4.58	4.6	SR12	10/9/2019 18:16	29.19	69.6	4.95	2.2
SR12	10/9/2019 0:21	30.13	67.0	4.84	5.5	SR12	10/9/2019 6:21	29.97	68.5	4.93	4.9	SR12	10/9/2019 12:21	29.63	71.6	5.13	5.0	SR12	10/9/2019 18:21	29.17	67.9	4.84	1.7
SR12	10/9/2019 0:26	30.19	69.1	4.97	5.3	SR12	10/9/2019 6:26	29.98	67.3	4.82	5.3	SR12	10/9/2019 12:26	29.63	72.2	5.16	5.7	SR12	10/9/2019 18:26	29.18	67.9	4.84	2.3
SR12	10/9/2019 0:31	30.15	72.0	5.14	5.0	SR12	10/9/2019 6:31	30.00	69.7	5.01	5.3	SR12	10/9/2019 12:31	29.64	70.8	5.08	4.9	SR12	10/9/2019 18:31	29.19	69.0	4.91	3.3
SR12	10/9/2019 0:36	30.27	72.0	5.19	6.3	SR12	10/9/2019 6:36	30.00	68.7	4.97	5.0	SR12	10/9/2019 12:36	29.63	70.1	5.04	5.1	SR12	10/9/2019 18:36	29.18	68.4	4.86	2.4
SR12	10/9/2019 0:41	30.30	61.7	4.51	5.7	SR12	10/9/2019 6:41	29.99	72.6	5.19	5.6	SR12	10/9/2019 12:41	29.64	73.2	5.23	5.0	SR12	10/9/2019 18:41	29.17	69.0	4.91	1.8
SR12	10/9/2019 0:46	30.25	61.3	4.45	4.4	SR12	10/9/2019 6:46	29.95	70.5	5.06	5.1	SR12	10/9/2019 12:46	29.66	71.4	5.13	5.1	SR12	10/9/2019 18:46	29.18	69.1	4.91	3.3
SR12	10/9/2019 0:51	30.16	69.2	4.97	5.1	SR12	10/9/2019 6:51	29.96	72.2	5.20	4.9	SR12	10/9/2019 12:51	29.62	72.5	5.22	4.8	SR12	10/9/2019 18:51	29.18	69.2	4.93	1.6
SR12	10/9/2019 0:56	30.09	66.3	4.79	5.3	SR12	10/9/2019 6:56	29.96	71.6	5.10	5.0	SR12	10/9/2019 12:56	29.61	72.7	5.20	5.0	SR12	10/9/2019 18:56	29.18	69.4	4.94	1.9
SR12	10/9/2019 1:01	30.01	70.8	5.11	6.1	SR12	10/9/2019 7:01	29.96	70.2	5.05	5.3	SR12	10/9/2019 13:01	29.61	72.1	5.19	5.1	SR12	10/9/2019 19:01	29.18	69.8	4.97	2.0
SR12	10/9/2019 1:06	30.01	69.7	5.03	5.0	SR12	10/9/2019 7:06	29.96	69.6	4.99	5.0	SR12	10/9/2019 13:06	29.63	74.1	5.36	5.0	SR12	10/9/2019 19:06	29.18	69.4	4.94	2.0
SR12	10/9/2019 1:11	30.02	68.9	4.96	5.9	SR12	10/9/2019 7:11	29.95	71.4	5.17	4.4	SR12	10/9/2019 13:11	29.67	71.7	5.11	6.3	SR12	10/9/2019 19:11	29.18	70.1	4.98	3.5
SR12	10/9/2019 1:16	29.96	70.7	5.11	5.8	SR12	10/9/2019 7:16	29.98	70.6	5.11	5.6	SR12	10/9/2019 13:16	29.60	71.7	5.16	5.1	SR12	10/9/2019 19:16	29.17	70.6	5.02	3.2
SR12	10/9/2019 1:21	30.12	65.9	4.75	4.8	SR12	10/9/2019 7:21	29.99	71.3	5.08	4.7	SR12	10/9/2019 13:21	29.62	73.6	5.26	5.0	SR12	10/9/2019 19:21	29.17	69.6	4.95	2.1
SR12	10/9/2019 1:26	30.13	64.8	4.73	5.0	SR12	10/9/2019 7:26	29.98	71.2	5.13	4.7	SR12	10/9/2019 13:26	29.61	74.4	5.31	5.3	SR12	10/9/2019 19:26	29.18	69.5	4.94	2.9
SR12	10/9/2019 1:31	30.02	66.0	4.80	4.5	SR12	10/9/2019 7:31	29.97	73.3	5.23	5.2	SR12	10/9/2019 13:31	29.58	73.2	5.20	5.0	SR12	10/9/2019 19:31	29.17	69.8	4.97	4.6
SR12	10/9/2019 1:36	29.87	73.0	5.25	6.2	SR12	10/9/2019 7:36	29.96	72.5	5.19	5.4	SR12	10/9/2019 13:36	29.59	73.5	5.26	5.4	SR12	10/9/2019 19:36	29.17	69.6	4.95	6.0
SR12	10/9/2019 1:41	29.90	71.7	5.16	5.0	SR12	10/9/2019 7:41	29.96	71.6	5.18	4.7	SR12	10/9/2019 13:41	29.60	68.5	4.93	4.9	SR12	10/9/2019 19:41	29.15	69.7	4.97	2.2
SR12	10/9/2019 1:46	29.89	73.0	5.21	5.8	SR12	10/9/2019 7:46	29.97	71.1	5.10	5.3	SR12	10/9/2019 13:46	29.57	68.3	4.95	5.1	SR12	10/9/2019 19:46	29.15	71.2	5.07	2.4
SR12	10/9/2019 1:51	29.90	72.6	5.21	6.2	SR12	10/9/2019 7:51	29.98	71.1	5.14	5.1	SR12	10/9/2019 13:51	29.56	67.7	4.85	5.0	SR12	10/9/2019 19:51	29.16	71.6	5.10	2.6
SR12	10/9/2019 1:56	29.90	71.9	5.18	6.5	SR12	10/9/2019 7:56	29.92	69.6	4.99	4.5	SR12	10/9/2019 13:56	29.58	68.7	4.95	5.6	SR12	10/9/2019 19:56	29.15	71.6	5.10	3.1
SR12	10/9/2019 2:01	29.89	72.5	5.23	5.6	SR12	10/9/2019 8:01	29.90	68.7	4.95	4.6	SR12	10/9/2019 14:01	29.59	67.6	4.84	4.6	SR12	10/9/2019 20:01	29.15	71.5	5.08	3.5
SR12	10/9/2019 2:06	29.88	72.9	5.23	6.1	SR12	10/9/2019 8:06	29.92	69.5	5.02	5.2	SR12	10/9/2019 14:06	29.58	69.0	4.98	5.7	SR12	10/9/2019 20:06	29.15	71.9	5.11	3.4
SR12	10/9/2019 2:11	29.99	72.2	5.21	4.6	SR12	10/9/2019 8:11	29.94	67.8	4.90	5.0	SR12	10/9/2019 14:11	29.57	69.5	5.01	5.2	SR12	10/9/2019 20:11	29.15	72.2	5.14	2.6
SR12	10/9/2019 2:16	30.00	71.2	5.13	4.3	SR12	10/9/2019 8:16	29.88	66.2	4.81	5.1	SR12	10/9/2019 14:16	29.57	69.9	5.06	5.5	SR12	10/9/2019 20:16	29.13	70.9	5.06	2.8
SR12	10/9/2019 2:21	30.02	71.2	5.16	4.7	SR12	10/9/2019 8:21	29.91	66.3	4.82	4.7	SR12	10/9/2019 14:21	29.57	69.6	4.99	4.9	SR12	10/9/2019 20:21	29.13	69.4	4.94	1.4
SR12	10/9/2019 2:26	30.02	71.4	5.17	5.1	SR12	10/9/2019 8:26	29.94	66.6	4.82	4.3	SR12	10/9/2019 14:26	29.60	74.4	5.32	5.2	SR12	10/9/2019 20:26	29.15	68.0	4.85	1.8
SR12	10/9/2019 2:31	29.99	70.8	5.09	4.3	SR12	10/9/2019 8:31	29.97	66.4	4.83	4.8	SR12	10/9/2019 14:31	29.60	70.4	5.07	4.9	SR12	10/9/2019 20:31	29.16	68.5	4.88	1.5
SR12	10/9/2019 2:36	29.95	69.0	4.98	6.6	SR12	10/9/2019 8:36	29.96	66.3	4.81	4.8	SR12	10/9/2019 14:36	29.59	68.0	4.93	4.6	SR12	10/9/2019 20:36	29.18	69.1	4.91	1.7
SR12	10/9/2019 2:41	29.94	70.9	5.12	7.2	SR12	10/9/2019 8:41	29.98	67.5	4.86	5.0	SR12	10/9/2019 14:41	29.59	71.9	5.16	5.3	SR12	10/9/2019 20:41	29.18	69.2	4.93	1.5
SR12	10/9/2019 2:46	29.94	70.3	5.03	6.1	SR12	10/9/2019 8:46	29.75	68.4	4.96	4.6	SR12	10/9/2019 14:46	29.59	70.8	5.13	4.6	SR12	10/9/2019 20:46	29.18	69.4	4.94	2.4
SR12	10/9/2019 2:51	29.95	70.2	5.02	6.8	SR12	10/9/2019 8:51	29.74	64.5	4.67	4.5	SR12	10/9/2019 14:51	29.59	72.8	5.20	4.8	SR12	10/9/2019 20:51	29.17	68.6	4.89	1.7
SR12	10/9/2019 2:56	29.96	69.6	5.04	5.8	SR12	10/9/2019 8:56	29.75	65.8	4.74	4.3	SR12	10/9/2019 14:56	29.57	70.6	5.06	7.7	SR12	10/9/2019 20:56	29.16	68.3	4.86	1.9
SR12	10/9/2019 3:01	29.96	69.7	5.02	6.2	SR12	10/9/2019 9:01	29.71	68.1	4.89	4.3	SR12	10/9/2019 15:01	29.59	71.3	5.13	5.6	SR12	10/9/2019 21:01	29.17	68.5	4.88	1.5
SR12	10/9/2019 3:06	29.98	68.9	4.96	6.6	SR12	10/9/2019 9:06	29.70	68.2	4.91	4.3	SR12	10/9/2019 15:06	29.60	70.3	5.06	4.5	SR12	10/9/2019 21:06	29.17	68.6	4.89	1.7
SR12	10/9/2019 3:11	29.97	68.2	4.92	5.8	SR12	10/9/2019 9:11	29.79	68.5	4.91	4.5	SR12	10/9/2019 15:11	29.61	68.1	4.92	4.9	SR12	10/9/2019 21:11	29.15	70.4	5.02	2.4
SR12	10/9/2019 3:16	29.95	71.4	5.10	5.3	SR12	10/9/2019 9:16	29.80	66.4	4.80	4.3	SR12	10/9/2019 15:16	29.59	68.1	4.91	5.5	SR12	10/9/2019 21:16	29.15	69.8	4.97	1.8
SR12	10/9/2019 3:21	29.96	68.6	4.95	5.5	SR12	10/9/2019 9:21	29.79	69.7	5.00	4.4	SR12	10/9/2019 15:21	29.59	73.2	5.23	6.4	SR12	10/9/2019 21:21	29.17	70.0	4.98	1.8
SR12	10/9/2019 3:26	29.97	70.3	5.07	7.4	SR12	10/9/2019 9:26	29.72	67.1	4.84	3.9	SR12	10/9/2019 15:26	29.58	72.1	5.18	5.1	SR12	10/9/2019 21:26	29.17	69.4	4.93	2.3
SR12	10/9/2019 3:31	29.98	67.8	4.91	5.2	SR12	10/9/2019 9:31	29.70	66.3	4.79	5.0	SR12	10/9/2019 15:31	29.58	72.7	5.22	4.9	SR12	10/9/2019 21:31	29.17	69.6	4.95	2.2
SR12	10/9/2019 3:36	29.99	69.0	4.96	6.0	SR12	10/9/2019 9:36	29.66	66.2	4.76	4.6	SR12	10/9/2019 15:36	29.59	70.8	5.13	4.4	SR12	10/9/2019 21:36	29.17	70.1	4.98	2.3
SR12	10/9/2019 3:41	29.98	69.3	5.01	5.8	SR12	10/9/2019 9:41	29.69	68.5	4.93	4.7	SR12	10/9/2019 15:41	29.59	70.5	5.06	5.4	SR12	10/9/2019 21:41	29.17	70.6	5.02	2.9
SR12	10/9/2019 3:46	30.00	69.9	5.00	4.5	SR12	10/9/2019 9:46	29.66	65.1	4.71	5.0	SR12	10/9/2019 15:46	29.57	72.4	5.19	4.5	SR12	10/9/2019 21:46	29.11	71.5	5.10	1.8
SR12	10/9/2019 3:51	29.99	68.9	4.96	6.3	SR12	10/9/2019 9:51	29.68	67.6	4.89	4.7	SR12	10/9/2019 15:51	29.55	71.5	5.14	4.8	SR12	10/9/2019 21:51	29.11	70.9	5.06	2.7
SR12	10/9/2019 3:56	30.01	68.7	4.95	6.3	SR12	10/9/2019 9:56	29.64	66.8	4.86	4.7	SR12	10/9/2019 15:56	29.54	71.9	5.13	5.1	SR12	10/9/2019 21:56	29.17	70.9	5.04	2.5
SR12	10/9/2019 4:01	29.98	67.4	4.86	5.2	SR12	10/9/2019 10:01	29.62	65.7	4.73	4.8	SR12	10/9/2019 16:01	29.54	70.3	5.05	4.6	SR12	10/9/2019 22:01	29.17	70.9	5.04	2.2
SR12	10/9/2019 4:06	30.01	68.1	4.90	6.8	SR12						SR12	10/9/2019 16:06	29.56	74.3	5.34	5.1	SR12	10/9/2019 22:06	29.16	71.0	5.06	3.3
SR12	10/9/2019 4:11	30.01	68.4	4.93	7.8	SR12						SR12	10/9/2019 16:11	29.55	71.4	5.13	4.8	SR12	10/9/2019 22:11	29.16	70.7	5.03	5.1
SR12	10/9/2019 4:16	30.00	67.7	4.88	5.9	SR12						SR12	10/9/2019 16:16	29.54	74.4	5.33	5.9	SR12	10/9/2019 22:16	29.15	71.2	5.06	2.7
SR12	10/9/2019 4:21	30.01	68.8	4.93	5.6	SR12						SR12	10/9/2019 16:21	29.54	71.3	5.10	5.0	SR12	10/9/2019 22:21	29.15	71.2	5.07	2.2
SR12	10/9/2019 4:26	29.99	70.2	5.05	4.9	SR12						SR12	10/9/2019 16:26	29.52	71.0	5.10	5.1	SR12	10/9/2019 22:26	29.12	73.7	5.25	1.8
SR12	10/9/2019 4:31	30.01	70.5	5.04	6.3	SR12						SR12	10/9/2019 16:31	29.54	75.0	5.36	5.5	SR12	10/9/2019 22:31	29.12	73.6	5.24	1.2
SR12	10/9/2019 4:36	29.99	68.2	4.95	5.7	SR12						SR12	10/9/2019 16:36	29.56	72.8	5.18	4.4	SR12	10/9/2019 22:36	29.14	72.6	5.17	2.8
SR12	10/9/2019 4:41	29.98	68.2	4.91	5.8	SR12						SR12	10/9/2019 16:41	29.56	71.5	5.12	4.2	SR12	10/9/2019 22:41	29.15	72.0	5.12	3.6
SR12	10/9/2019 4:46	30.00	68.0	4.88	5.3	SR12						SR12	10/9/2019 16:46	29.58	73.4	5.24	5.6	SR12	10/9/2019 22:46	29.15	72.8	5.19	2.0
SR12	10/9/2019 4:51	30.03	67.7	4.90	5.8	SR12						SR12	10/9/2019 16:51	29.61	73.0	5.20	5.0	SR12	10/9/2019 22:51	29.14	72.0	5.14	1.7
SR12	10/9/2019 4:56	30.01	68.7	4.93	6.3	SR12						SR12	10/9/2019 16:56	29.60	72.3	5.19	5.0	SR12	10/9/2019 22:56	29.14	72.5	5.16	1.4
SR12	10/9/2019 5:01	30.01	67.6	4.85	6.7	SR12						SR12	10/9/2019 17:01	29.58	70.9	5.12	4.4	SR12	10/9/2019 23:01	29.13	72.6	5.17	1.1
SR12	10/9/2019 5:06	30.02	67.8	4.88	7.4	SR12						SR12	10/9/2019 17:06	29.57	73.7	5.26	4.9	SR12	10/9/2019 23:06	29.13	71.8	5.11	1.8
SR12	10/9/2019 5:11	30.04	68.4	4.93	7.1	SR12						SR12	10/9/2019 17:11	29.39	77.8	5.34	3.3	SR12	10/9/2019 23:11	29.13	72.1	5.14	1.2
SR12	10/9/2019 5:16	30.05	68.9	4.94	6.5	SR12	10/9/2019 11:16	29.64	59.7	4.35	4.7	SR12	10/9/2019 17:16	29.28	78.0	5.34	2.5	SR12	10/9/2019 23:16	29.14	72.4	5.16	4.5
SR12	10/9/2019 5:21	30.05	68.3	4.90	6.9	SR12	10/9/2019 11:21	29.64	60.2	4.40	4.8	SR12	10/9/2019 17:21	29.33	78.4	5.37	2.2	SR12	10/9/2019 23:21	29.14	72.0	5.12	1.8
SR12	10/9/2019 5:26	30.06	67.4	4.89	6.9	SR12	10/9/2019 11:26	29.68	70.8	5.08	4.1	SR12	10/9/2019 17:26	29.40	79.1	5.41	2.5	SR12	10/9/2019 23:26	29.15	72.7	5.17	2.2
SR12	10/9/2019 5:31	30.04	67.3	4.83	6.7	SR12	10/9/2019 11:31	29.59	68.2	4.89	4.6	SR12	10/9/2019 17:31	29.41	76.4	5.22	2.4	SR12	10/9/2019 23:31	29.15	73.0	5.20	2.2
SR12	10/9/2019 5:36	30.04	65.5	4.76	6.7	SR12	10/9/2019 11:36	29.59	65.4	4.75	5.0	SR12	10/9/2019 17:36	29.25	78.5	5.37	2.4	SR12	10/9/2019 23:36	29.15	72.6	5.16	2.6
SR12	10/9/2019 5:41	30.05	69.0	4.94	7.0	SR12	10/9/2019 11:41	29.58	69.0	4.97	4.5	SR12	10/9/2019 17:41	29.21	77.2	5.28	2.3	SR12	10/9/2019 23:41	29.15	73.2	5.21	2.7
SR12	10/9/2019 5:46	30.06	68.2	4.94	6.8	SR12	10/9/2019 11:46	29.60	67.8	4.85	4.4	SR12	10/9/2019 17:46	29.20	77.0	5.28	2.5	SR12	10/9/2019 23:46	29.15	73.2	5.21	2.2
SR12	10/9/2019 5:51	30.04	68.0	4.92	6.1	SR12	10/9/2019 11:51	29.57	68.1	4.91	4.4	SR12	10/9/2019 17:51	29.15	77.0	5.12	2.4	SR12	10/9/2019 23:51	29.14	72.6	5.17	1.5
SR12	10/9/2019 5:56	30.03	67.1	4.82	5.7	SR12	10/9/2019 11:56	29.58	68.1	4.87	4.4	SR12	10/9/2019 17:56	29.13	79.5	5.30	2.0	SR12	10/9/2019 23:56	29.14	72.2	5.15	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)
SR13	10/9/2019 0:00	29.03	72.3	5.20	5.4	SR13	10/9/2019 6:00	28.99	74.9	5.39	4.9	SR13	10/9/2019 12:00	28.90	79.0	5.51	5.2	SR13	10/9/2019 18:00	29.65	74.1	5.40	4.6
SR13	10/9/2019 0:05	29.05	72.1	5.21	8.2	SR13	10/9/2019 6:05	29.00	73.0	5.25	5.8	SR13	10/9/2019 12:05	28.87	79.3	5.52	5.3	SR13	10/9/2019 18:05	29.66	75.3	5.50	4.8
SR13	10/9/2019 0:10	29.04	72.5	5.22	4.3	SR13	10/9/2019 6:10	29.01	73.0	5.26	4.1	SR13	10/9/2019 12:10	28.93	75.7	5.31	4.6	SR13	10/9/2019 18:10	29.68	75.6	5.48	4.5
SR13	10/9/2019 0:15	29.09	72.0	5.22	4.7	SR13	10/9/2019 6:15	29.03	74.8	5.39	5.3	SR13	10/9/2019 12:15	28.84	77.2	5.37	5.2	SR13	10/9/2019 18:15	29.69	75.2	5.50	4.5
SR13	10/9/2019 0:20	29.12	71.2	5.14	4.0	SR13	10/9/2019 6:20	29.02	76.0	5.43	5.1	SR13	10/9/2019 12:20	28.88	77.3	5.42	4.0	SR13	10/9/2019 18:20	29.68	76.7	5.56	4.5
SR13	10/9/2019 0:25	29.10	70.4	5.07	4.6	SR13	10/9/2019 6:25	29.01	74.2	5.34	4.1	SR13	10/9/2019 12:25	28.93	75.1	5.28	5.0	SR13	10/9/2019 18:25	29.70	75.1	5.48	4.7
SR13	10/9/2019 0:30	29.06	73.1	5.27	4.6	SR13	10/9/2019 6:30	29.02	75.4	5.41	5.0	SR13	10/9/2019 12:30	28.87	76.5	5.38	4.8	SR13	10/9/2019 18:30	29.68	76.5	5.60	4.4
SR13	10/9/2019 0:35	29.03	70.8	5.14	5.6	SR13	10/9/2019 6:35	29.02	74.7	5.34	4.3	SR13	10/9/2019 12:35	28.85	77.5	5.39	5.3	SR13	10/9/2019 18:35	29.67	74.5	5.43	5.1
SR13	10/9/2019 0:40	29.00	74.6	5.40	4.8	SR13	10/9/2019 6:40	29.02	73.4	5.28	4.5	SR13	10/9/2019 12:40	28.85	77.2	5.39	4.6	SR13	10/9/2019 18:40	29.65	75.6	5.51	4.7
SR13	10/9/2019 0:45	28.99	74.6	5.37	4.2	SR13	10/9/2019 6:45	29.02	72.9	5.27	5.2	SR13	10/9/2019 12:45	28.93	76.4	5.37	4.9	SR13	10/9/2019 18:45	29.66	76.3	5.56	4.7
SR13	10/9/2019 0:50	28.99	73.4	5.30	4.3	SR13	10/9/2019 6:50	29.01	74.4	5.35	4.6	SR13	10/9/2019 12:50	28.85	77.7	5.40	5.3	SR13	10/9/2019 18:50	29.67	76.9	5.57	5.3
SR13	10/9/2019 0:55	28.94	74.2	5.34	5.0	SR13	10/9/2019 6:55	29.02	73.6	5.33	4.3	SR13	10/9/2019 12:55	28.85	77.4	5.40	4.3	SR13	10/9/2019 18:55	29.63	75.3	5.45	5.0
SR13	10/9/2019 1:00	28.94	65.3	4.75	4.4	SR13	10/9/2019 7:00	29.02	75.4	5.39	4.4	SR13	10/9/2019 13:00	28.93	74.4	5.20	4.0	SR13	10/9/2019 19:00	29.65	76.0	5.53	4.7
SR13	10/9/2019 1:05	28.94	65.1	4.77	5.1	SR13	10/9/2019 7:05	29.02	74.2	5.36	5.0	SR13	10/9/2019 13:05	28.82	77.6	5.44	6.2	SR13	10/9/2019 19:05	29.65	74.7	5.43	5.7
SR13	10/9/2019 1:10	28.93	72.5	5.25	4.9	SR13	10/9/2019 7:10	29.02	75.6	5.44	4.2	SR13	10/9/2019 13:10	28.80	77.9	5.43	5.8	SR13	10/9/2019 19:10	29.65	76.0	5.55	5.2
SR13	10/9/2019 1:15	28.86	73.7	5.31	4.8	SR13	10/9/2019 7:15	29.02	74.2	5.36	4.6	SR13	10/9/2019 13:15	28.80	77.8	5.46	5.6	SR13	10/9/2019 19:15	29.65	74.5	5.42	4.7
SR13	10/9/2019 1:20	28.87	71.6	5.20	5.4	SR13	10/9/2019 7:20	29.02	74.7	5.40	4.0	SR13	10/9/2019 13:20	28.85	76.0	5.30	4.9	SR13	10/9/2019 19:20	29.68	74.8	5.44	4.2
SR13	10/9/2019 1:25	28.87	73.8	5.32	5.2	SR13	10/9/2019 7:25	29.02	74.8	5.39	5.1	SR13	10/9/2019 13:25	28.85	72.7	5.13	5.5	SR13	10/9/2019 19:25	29.71	72.9	5.33	4.6
SR13	10/9/2019 1:30	28.88	73.4	5.28	5.4	SR13	10/9/2019 7:30	29.02	75.3	5.41	5.5	SR13	10/9/2019 13:30	28.87	71.8	5.02	4.9	SR13	10/9/2019 19:30	29.65	75.8	5.50	5.0
SR13	10/9/2019 1:35	28.88	72.9	5.27	5.7	SR13	10/9/2019 7:35	28.99	73.8	5.30	4.4	SR13	10/9/2019 13:35	28.89	73.3	5.15	6.1	SR13	10/9/2019 19:35	29.59	77.0	5.61	5.1
SR13	10/9/2019 1:40	28.86	73.5	5.29	4.6	SR13	10/9/2019 7:40	28.99	73.2	5.27	4.6	SR13	10/9/2019 13:40	28.90	72.7	5.09	4.8	SR13	10/9/2019 19:40	29.59	76.9	5.59	4.7
SR13	10/9/2019 1:45	28.86	73.8	5.31	4.3	SR13	10/9/2019 7:45	28.97	73.8	5.31	6.5	SR13	10/9/2019 13:45	28.86	71.3	5.02	6.0	SR13	10/9/2019 19:45	29.54	76.8	5.58	4.2
SR13	10/9/2019 1:50	28.93	73.9	5.35	4.0	SR13	10/9/2019 7:50	28.96	74.8	5.40	5.6	SR13	10/9/2019 13:50	28.86	71.4	5.03	4.9	SR13	10/9/2019 19:50	29.57	77.6	5.64	4.8
SR13	10/9/2019 1:55	28.93	72.7	5.26	3.6	SR13	10/9/2019 7:55	28.93	72.6	5.25	4.1	SR13	10/9/2019 13:55	28.95	71.3	5.02	6.3	SR13	10/9/2019 19:55	29.59	77.8	5.65	5.4
SR13	10/9/2019 2:00	28.93	68.7	5.00	4.9	SR13	10/9/2019 8:00	28.96	73.0	5.26	4.3	SR13	10/9/2019 14:00	28.94	69.6	4.88	8.5	SR13	10/9/2019 20:00	29.59	76.7	5.57	4.4
SR13	10/9/2019 2:05	28.95	74.6	5.39	4.9	SR13	10/9/2019 8:05	28.97	71.8	5.25	3.8	SR13	10/9/2019 14:05	28.98	75.0	5.27	5.5	SR13	10/9/2019 20:05	29.58	78.3	5.69	5.5
SR13	10/9/2019 2:10	28.94	74.7	5.37	4.5	SR13	10/9/2019 8:10	28.96	74.1	5.37	4.1	SR13	10/9/2019 14:10	29.02	71.3	5.03	5.4	SR13	10/9/2019 20:10	29.59	76.9	5.60	4.9
SR13	10/9/2019 2:15	28.93	73.1	5.28	5.9	SR13	10/9/2019 8:15	28.94	74.5	5.42	4.7	SR13	10/9/2019 14:15	28.97	67.1	4.74	4.6	SR13	10/9/2019 20:15	29.62	77.5	5.64	4.8
SR13	10/9/2019 2:20	28.92	73.0	5.28	5.0	SR13	10/9/2019 8:20	28.94	75.4	5.45	4.2	SR13	10/9/2019 14:20	28.99	68.8	4.85	5.5	SR13	10/9/2019 20:20	29.56	77.8	5.63	6.0
SR13	10/9/2019 2:25	28.92	73.9	5.31	5.1	SR13	10/9/2019 8:25	28.85	76.3	5.53	4.1	SR13	10/9/2019 14:25	29.01	70.5	4.99	6.2	SR13	10/9/2019 20:25	29.57	78.8	5.72	4.8
SR13	10/9/2019 2:30	28.92	73.5	5.30	5.1	SR13	10/9/2019 8:30	28.84	73.9	5.37	4.2	SR13	10/9/2019 14:30	28.95	79.0	5.51	5.1	SR13	10/9/2019 20:30	29.56	79.0	5.72	4.7
SR13	10/9/2019 2:35	28.92	73.0	5.29	5.3	SR13	10/9/2019 8:35	28.84	74.7	5.41	5.4	SR13	10/9/2019 14:35	28.99	73.3	5.13	6.5	SR13	10/9/2019 20:35	29.61	78.1	5.66	4.1
SR13	10/9/2019 2:40	28.92	73.4	5.28	5.6	SR13	10/9/2019 8:40	28.80	75.8	5.48	4.8	SR13	10/9/2019 14:40	29.00	74.1	5.18	5.9	SR13	10/9/2019 20:40	29.63	76.2	5.55	4.4
SR13	10/9/2019 2:45	28.93	72.5	5.24	4.8	SR13	10/9/2019 8:45	28.79	75.9	5.50	5.2	SR13	10/9/2019 14:45	29.21	74.5	5.21	5.7	SR13	10/9/2019 20:45	29.63	77.7	5.62	5.3
SR13	10/9/2019 2:50	28.93	73.2	5.30	5.1	SR13	10/9/2019 8:50	28.83	75.6	5.47	4.1	SR13	10/9/2019 14:50	29.33	71.2	5.01	5.4	SR13	10/9/2019 20:50	29.62	77.5	5.62	4.1
SR13	10/9/2019 2:55	28.94	74.0	5.31	4.8	SR13	10/9/2019 8:55	28.84	74.5	5.41	5.2	SR13	10/9/2019 14:55	29.48	77.7	5.73	4.4	SR13	10/9/2019 20:55	29.62	77.4	5.65	5.3
SR13	10/9/2019 3:00	28.93	72.6	5.26	4.2	SR13	10/9/2019 9:00	28.84	76.8	5.55	4.3	SR13	10/9/2019 15:00	29.60	70.2	5.13	5.0	SR13	10/9/2019 21:00	29.62	77.6	5.64	4.5
SR13	10/9/2019 3:05	28.94	74.4	5.35	5.9	SR13	10/9/2019 9:05	28.81	76.1	5.52	5.1	SR13	10/9/2019 15:05	29.61	71.7	5.23	4.6	SR13	10/9/2019 21:05	29.62	77.5	5.63	4.8
SR13	10/9/2019 3:10	28.94	73.1	5.27	5.8	SR13	10/9/2019 9:10	28.81	76.4	5.52	6.4	SR13	10/9/2019 15:10	29.59	70.9	5.20	5.7	SR13	10/9/2019 21:10	29.62	78.7	5.69	4.6
SR13	10/9/2019 3:15	28.95	74.3	5.34	5.1	SR13	10/9/2019 9:15	28.81	76.5	5.51	4.7	SR13	10/9/2019 15:15	29.60	72.7	5.32	4.6	SR13	10/9/2019 21:15	29.62	78.3	5.70	4.0
SR13	10/9/2019 3:20	28.94	74.1	5.35	4.5	SR13	10/9/2019 9:20	28.82	75.1	5.43	4.5	SR13	10/9/2019 15:20	29.60	71.8	5.28	5.0	SR13	10/9/2019 21:20	29.63	79.2	5.74	4.5
SR13	10/9/2019 3:25	28.95	71.5	5.15	4.0	SR13	10/9/2019 9:25	28.82	74.6	5.40	5.3	SR13	10/9/2019 15:25	29.60	71.9	5.25	4.9	SR13	10/9/2019 21:25	29.61	76.9	5.57	5.1
SR13	10/9/2019 3:30	28.93	70.3	5.10	6.1	SR13	10/9/2019 9:30	28.82	75.8	5.48	4.8	SR13	10/9/2019 15:30	29.61	74.6	5.43	5.6	SR13	10/9/2019 21:30	29.63	78.6	5.71	5.1
SR13	10/9/2019 3:35	28.94	70.7	5.11	5.3	SR13	10/9/2019 9:35	28.79	75.0	5.49	4.8	SR13	10/9/2019 15:35	29.62	75.0	5.47	4.6	SR13	10/9/2019 21:35	29.64	78.0	5.65	4.6
SR13	10/9/2019 3:40	28.91	69.8	5.05	5.4	SR13	10/9/2019 9:40	28.78	75.8	5.49	4.7	SR13						SR13	10/9/2019 21:40	29.66	80.2	5.80	5.6
SR13	10/9/2019 3:45	28.90	69.9	5.04	6.0	SR13	10/9/2019 9:45	28.74	76.2	5.53	5.0	SR13						SR13	10/9/2019 21:45	29.66	78.6	5.69	5.5
SR13	10/9/2019 3:50	28.88	71.0	5.15	6.3	SR13	10/9/2019 9:50	28.76	78.4	5.65	5.6	SR13						SR13	10/9/2019 21:50	29.66	79.4	5.76	4.4
SR13	10/9/2019 3:55	28.87	70.9	5.14	5.4	SR13	10/9/2019 9:55	28.76	77.6	5.62	5.1	SR13						SR13	10/9/2019 21:55	29.64	79.7	5.78	5.2
SR13	10/9/2019 4:00	28.88	70.8	5.12	5.4	SR13	10/9/2019 10:00	28.77	77.3	5.60	5.2	SR13	10/9/2019 16:00	29.66	73.8	5.36	6.1	SR13	10/9/2019 22:00	29.66	77.7	5.66	4.1
SR13	10/9/2019 4:05	28.88	72.2	5.21	5.1	SR13	10/9/2019 10:05	28.77	76.4	5.54	5.4	SR13	10/9/2019 16:05	29.67	74.1	5.39	5.6	SR13	10/9/2019 22:05	29.64	77.8	5.64	4.8
SR13	10/9/2019 4:10	28.91	74.6	5.35	6.0	SR13	10/9/2019 10:10	28.76	75.3	5.49	4.2	SR13	10/9/2019 16:10	29.68	73.8	5.40	4.8	SR13	10/9/2019 22:10	29.65	79.6	5.75	4.7
SR13	10/9/2019 4:15	28.90	72.1	5.23	5.6	SR13	10/9/2019 10:15	28.79	78.2	5.64	4.8	SR13	10/9/2019 16:15	29.70	72.5	5.32	5.3	SR13	10/9/2019 22:15	29.67	78.1	5.65	4.9
SR13	10/9/2019 4:20	28.89	70.5	5.12	5.3	SR13	10/9/2019 10:20	28.82	78.6	5.65	5.9	SR13	10/9/2019 16:20	29.71	73.6	5.39	4.5	SR13	10/9/2019 22:20	29.64	77.9	5.64	4.7
SR13	10/9/2019 4:25	28.89	73.1	5.26	5.1	SR13	10/9/2019 10:25	28.82	78.7	5.67	5.2	SR13	10/9/2019 16:25	29.72	76.8	5.57	5.4	SR13	10/9/2019 22:25	29.66	77.7	5.64	5.4
SR13	10/9/2019 4:30	28.90	71.8	5.21	4.9	SR13	10/9/2019 10:30	28.84	78.6	5.69	5.2	SR13	10/9/2019 16:30	29.71	74.2	5.41	4.7	SR13	10/9/2019 22:30	29.62	77.5	5.59	5.8
SR13	10/9/2019 4:35	28.90	72.9	5.23	4.7	SR13	10/9/2019 10:35	28.88	79.0	5.73	5.5	SR13	10/9/2019 16:35	29.72	74.5	5.41	4.9	SR13	10/9/2019 22:35	29.50	80.1	5.76	5.2
SR13	10/9/2019 4:40	28.90	71.7	5.16	8.1	SR13	10/9/2019 10:40	28.90	77.8	5.65	5.1	SR13	10/9/2019 16:40	29.68	69.6	5.12	4.7	SR13	10/9/2019 22:40	29.60	78.8	5.62	7.7
SR13	10/9/2019 4:45	28.92	72.5	5.23	6.3	SR13	10/9/2019 10:45	28.88	76.7	5.55	5.1	SR13	10/9/2019 16:45	29.68	70.8	5.19	4.9	SR13	10/9/2019 22:45	29.59	81.1	5.80	3.8
SR13	10/9/2019 4:50	28.94	72.4	5.23	4.8	SR13	10/9/2019 10:50	28.89	78.8	5.66	4.6	SR13	10/9/2019 16:50	29.70	75.0	5.47	4.3	SR13	10/9/2019 22:50	29.63	80.2	5.74	3.5
SR13	10/9/2019 4:55	28.95	71.6	5.18	5.7	SR13	10/9/2019 10:55	28.86	73.2	5.33	4.1	SR13	10/9/2019 16:55	29.74	73.9	5.39	4.4	SR13	10/9/2019 22:55	29.64	77.9	5.57	4.1
SR13	10/9/2019 5:00	28.96	71.6	5.18	6.3	SR13	10/9/2019 11:00	28.85	73.4	5.33	4.9	SR13	10/9/2019 17:00	29.72	73.6	5.36	4.5	SR13	10/9/2019 23:00	29.58	80.1	5.76	3.8
SR13	10/9/2019 5:05	28.97	73.8	5.32	6.1	SR13	10/9/2019 11:05	28.92	77.0	5.56	5.5	SR13	10/9/2019 17:05	29.69	74.1	5.41	4.4	SR13	10/9/2019 23:05	29.56	79.3	5.69	4.2
SR13	10/9/2019 5:10	28.96	72.2	5.20	4.8	SR13	10/9/2019 11:10	28.86	76.8	5.34	5.4	SR13	10/9/2019 17:10	29.68	74.0	5.39	4.3	SR13	10/9/2019 23:10	29.55	78.7	5.64	3.1
SR13	10/9/2019 5:15	28.97	72.0	5.20	5.0	SR13	10/9/2019 11:15	28.81	76.0	5.34	7.0	SR13	10/9/2019 17:15	29.67	73.3	5.36	4.6	SR13	10/9/2019 23:15	29.54	79.4	5.63	3.4
SR13	10/9/2019 5:20	28.98	71.9	5.20	6.2	SR13	10/9/2019 11:20	28.93	77.1	5.38	8.0	SR13	10/9/2019 17:20	29.67	76.1	5.53	4.7	SR13	10/9/2019 23:20	29.51	80.5	5.71	3.5
SR13	10/9/2019 5:25	28.99	72.2	5.22	5.8	SR13	10/9/2019 11:25	28.91	78.2	5.44	5.0	SR13	10/9/2019 17:25	29.61	75.3	5.49	4.8	SR13	10/9/2019 23:25	29.49	79.8	5.66	3.7
SR13	10/9/2019 5:30	28.99	73.4	5.30	5.7	SR13	10/9/2019 11:30	28.90	77.5	5.41	4.0	SR13	10/9/2019 17:30	29.64	74.3	5.42	4.1	SR13	10/9/2019 23:30	29.53	76.9	5.49	3.9
SR13	10/9/2019 5:35	28.99	72.3	5.21	5.0	SR13	10/9/2019 11:35	28.91	76.6	5.34	4.0	SR13	10/9/2019 17:35	29.61	75.9	5.52	5.1	SR13	10/9/2019 23:35	29.48	76.5	5.52	4.4
SR13	10/9/2019 5:40	28.99	73.0	5.23	5.6	SR13	10/9/2019 11:40	28.90	78.1	5.48	4.8	SR13	10/9/2019 17:40	29.59	73.0	5.31	4.7	SR13	10/9/2019 23:40	29.51	75.5	5.50	4.0
SR13	10/9/2019 5:45	28.99	72.8	5.27	4.3	SR13	10/9/2019 11:45	28.90	77.6	5.44	4.6	SR13	10/9/2019 17:45	29.62	75.4	5.49	3.7	SR13	10/9/2019 23:45	29.54	73.5	5.36	3.4
SR13	10/9/2019 5:50	28.99	74.3	5.35	5.3	SR13	10/9/2019 11:50	28.89	77.5	5.42	3.9	SR13	10/9/2019 17:50	29.64	75.2	5.45	4.8	SR13	10/9/2019 23:50	29.50	75.4	5.50	3.7
SR13	10/9/2019 5:55	28.99	72.5	5.22	4.9	SR13	10/9/2019 11:55	28.89	75.8	5.31	4.4	SR13	10/9/2019 17:55	29.65	75.9	5.51	4.7	SR13	10/9/2019 23:55	29.49	76.5	5.53	5.0

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	10/9/2019 0:17	0.10				SR12	10/9/2019 0:17	0.16			
SR4	10/9/2019 0:37	0.13				SR12	10/9/2019 0:37	0.16			
SR4	10/9/2019 0:57	0.13				SR12	10/9/2019 0:57	0.14			
SR4	10/9/2019 1:17	0.10				SR12	10/9/2019 1:17	0.15			
SR4	10/9/2019 1:37	0.11				SR12	10/9/2019 1:37	0.14			
SR4	10/9/2019 1:57	0.10				SR12	10/9/2019 1:57	0.16			
SR4	10/9/2019 2:17	0.13				SR12	10/9/2019 2:17	0.14			
SR4	10/9/2019 2:37	0.11				SR12	10/9/2019 2:37	0.14			
SR4	10/9/2019 2:57	0.13				SR12	10/9/2019 2:57	0.12			
SR4	10/9/2019 3:17	0.12				SR12	10/9/2019 3:17	0.12			
SR4	10/9/2019 3:37	0.13				SR12	10/9/2019 3:37	0.12			
SR4	10/9/2019 3:57	0.12				SR12	10/9/2019 3:57	0.14			
SR4	10/9/2019 4:17	0.10				SR12	10/9/2019 4:17	0.12			
SR4	10/9/2019 4:37	0.12				SR12	10/9/2019 4:37	0.14			
SR4	10/9/2019 4:57	0.12				SR12	10/9/2019 4:57	0.14			
SR4	10/9/2019 5:17	0.13				SR12	10/9/2019 5:17	0.14			
SR4	10/9/2019 5:37	0.11				SR12	10/9/2019 5:37	0.14			
SR4	10/9/2019 5:57	0.10				SR12	10/9/2019 5:57	0.12			
SR4						SR12					
SR4	10/9/2019 6:37	0.13				SR12	10/9/2019 6:37	0.13			
SR4	10/9/2019 6:57	0.10				SR12	10/9/2019 6:57	0.12			
SR4	10/9/2019 7:17	0.12				SR12	10/9/2019 7:17	0.12			
SR4	10/9/2019 7:37	0.12				SR12	10/9/2019 7:37	0.12			
SR4	10/9/2019 7:57	0.14				SR12	10/9/2019 7:57	0.14			
SR4	10/9/2019 8:17	0.12				SR12	10/9/2019 8:17	0.13			
SR4	10/9/2019 8:37	0.13				SR12	10/9/2019 8:37	0.14			
SR4	10/9/2019 8:57	0.12				SR12	10/9/2019 8:57	0.13			
SR4	10/9/2019 9:17	0.14				SR12	10/9/2019 9:17	0.13			
SR4	10/9/2019 9:37	0.12				SR12	10/9/2019 9:37	0.14			
SR4	10/9/2019 9:57	0.14				SR12	10/9/2019 9:57	0.14			
SR4	10/9/2019 10:17	0.13				SR12					
SR4	10/9/2019 10:37	0.12				SR12					
SR4	10/9/2019 10:57	0.14				SR12					
SR4	10/9/2019 11:17	0.12				SR12					
SR4	10/9/2019 11:37	0.14				SR12	10/9/2019 11:37	0.13			
SR4	10/9/2019 11:57	0.12				SR12	10/9/2019 11:57	0.14			
SR4						SR12	10/9/2019 12:17	0.14			
SR4						SR12	10/9/2019 12:37	0.14			
SR4						SR12	10/9/2019 12:57	0.16			
SR4						SR12	10/9/2019 13:17	0.16			
SR4						SR12	10/9/2019 13:37	0.15			
SR4	10/9/2019 13:57	0.12				SR12	10/9/2019 13:57	0.14			
SR4	10/9/2019 14:17	0.14				SR12	10/9/2019 14:17	0.15			
SR4	10/9/2019 14:37	0.13				SR12	10/9/2019 14:37	0.15			
SR4	10/9/2019 14:57	0.14				SR12	10/9/2019 14:57	0.14			
SR4	10/9/2019 15:17	0.14				SR12	10/9/2019 15:17	0.16			
SR4	10/9/2019 15:37	0.15				SR12	10/9/2019 15:37	0.15			
SR4	10/9/2019 15:57	0.16				SR12	10/9/2019 15:57	0.15			
SR4	10/9/2019 16:17	0.14				SR12	10/9/2019 16:17	0.15			
SR4	10/9/2019 16:37	0.15				SR12	10/9/2019 16:37	0.16			
SR4	10/9/2019 16:57	0.14				SR12	10/9/2019 16:57	0.16			
SR4	10/9/2019 17:17	0.16				SR12	10/9/2019 17:17	0.14			
SR4	10/9/2019 17:37	0.14				SR12	10/9/2019 17:37	0.16			
SR4	10/9/2019 17:57	0.15				SR12	10/9/2019 17:57	0.16			
SR4	10/9/2019 18:17	0.16				SR12	10/9/2019 18:17	0.15			
SR4	10/9/2019 18:37	0.16				SR12	10/9/2019 18:37	0.15			
SR4	10/9/2019 18:57	0.15				SR12	10/9/2019 18:57	0.15			
SR4	10/9/2019 19:17	0.16				SR12	10/9/2019 19:17	0.16			
SR4	10/9/2019 19:37	0.14				SR12	10/9/2019 19:37	0.14			
SR4	10/9/2019 19:57	0.16				SR12	10/9/2019 19:57	0.14			
SR4	10/9/2019 20:17	0.16				SR12	10/9/2019 20:17	0.15			
SR4	10/9/2019 20:37	0.14				SR12	10/9/2019 20:37	0.15			
SR4	10/9/2019 20:57	0.16				SR12	10/9/2019 20:57	0.14			
SR4	10/9/2019 21:17	0.15				SR12	10/9/2019 21:17	0.14			
SR4	10/9/2019 21:37	0.14				SR12	10/9/2019 21:37	0.16			
SR4	10/9/2019 21:57	0.14				SR12	10/9/2019 21:57	0.15			
SR4	10/9/2019 22:17	0.15				SR12	10/9/2019 22:17	0.14			
SR4	10/9/2019 22:37	0.14				SR12	10/9/2019 22:37	0.14			
SR4	10/9/2019 22:57	0.14				SR12	10/9/2019 22:57	0.15			
SR4	10/9/2019 23:17	0.16				SR12	10/9/2019 23:17	0.15			
SR4	10/9/2019 23:37	0.15				SR12	10/9/2019 23:37	0.15			
SR4	10/9/2019 23:57	0.16				SR12	10/9/2019 23:57	0.17			

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 12:11-13:31.
SR12 monitoring station was under maintenance during 10:01-11:16.
SR13 monitoring station was under maintenance during 15:35-16:00.

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	10/10/2019 0:01	29.12	72.9	4.97	2.5	SR4	10/10/2019 6:01	29.01	69.3	4.73	2.8	SR4	10/10/2019 12:01	29.28	71.0	4.82	3.7	SR4	10/10/2019 18:01	29.15	82.7	5.64	5.5
SR4	10/10/2019 0:06	29.11	71.9	4.90	2.3	SR4	10/10/2019 6:06	29.02	69.5	4.74	2.3	SR4	10/10/2019 12:06	29.28	73.3	4.98	3.7	SR4	10/10/2019 18:06	29.15	81.4	5.56	3.7
SR4	10/10/2019 0:11	29.12	72.3	4.93	1.9	SR4	10/10/2019 6:11	29.02	68.1	4.64	**14.2**	SR4	10/10/2019 12:11	29.65	64.7	4.38	2.1	SR4	10/10/2019 18:11	29.12	84.4	5.76	4.2
SR4	10/10/2019 0:16	29.12	72.1	4.92	2.7	SR4	10/10/2019 6:16	29.04	69.3	4.73	4.7	SR4	10/10/2019 12:16	29.50	67.3	4.56	7.8	SR4	10/10/2019 18:16	29.13	81.8	5.58	5.0
SR4	10/10/2019 0:21	29.12	70.8	4.82	2.6	SR4	10/10/2019 6:21	29.05	72.0	4.91	2.5	SR4	10/10/2019 12:21	29.28	71.6	4.87	5.3	SR4	10/10/2019 18:21	29.13	82.1	5.60	5.2
SR4	10/10/2019 0:26	29.10	70.5	4.81	6.1	SR4	10/10/2019 6:26	29.05	72.1	4.91	3.5	SR4	10/10/2019 12:26	29.28	70.7	4.80	3.1	SR4	10/10/2019 18:26	29.12	82.7	5.63	5.1
SR4	10/10/2019 0:31	29.11	73.0	4.98	3.1	SR4	10/10/2019 6:31	29.05	72.7	4.94	3.6	SR4	10/10/2019 12:31	29.20	72.1	4.91	5.5	SR4	10/10/2019 18:31	29.10	81.0	5.53	3.7
SR4	10/10/2019 0:36	29.11	71.1	4.85	2.9	SR4	10/10/2019 6:36	29.05	73.8	5.03	2.9	SR4	10/10/2019 12:36	29.49	64.3	4.36	1.7	SR4	10/10/2019 18:36	29.09	78.9	5.39	3.1
SR4	10/10/2019 0:41	29.11	71.9	4.90	2.5	SR4	10/10/2019 6:41	29.04	72.5	4.93	2.7	SR4	10/10/2019 12:41	29.30	66.9	4.55	4.7	SR4	10/10/2019 18:41	29.11	79.6	5.42	4.7
SR4	10/10/2019 0:46	29.12	69.5	4.74	1.9	SR4	10/10/2019 6:46	29.04	75.1	5.11	3.2	SR4	10/10/2019 12:46	29.18	71.5	4.87	7.0	SR4	10/10/2019 18:46	29.11	76.1	5.20	2.7
SR4	10/10/2019 0:51	29.09	68.7	4.68	1.8	SR4	10/10/2019 6:51	29.04	75.3	5.12	**11.3**	SR4	10/10/2019 12:51	29.10	75.1	5.11	6.4	SR4	10/10/2019 18:51	29.11	77.9	5.30	3.9
SR4	10/10/2019 0:56	29.06	69.9	4.78	2.0	SR4	10/10/2019 6:56	29.04	74.8	5.09	3.4	SR4	10/10/2019 12:56	29.13	71.8	4.88	7.3	SR4	10/10/2019 18:56	29.11	77.7	5.30	6.3
SR4	10/10/2019 1:01	29.02	68.1	4.66	6.6	SR4	10/10/2019 7:01	29.05	76.1	5.18	3.7	SR4	10/10/2019 13:01	29.10	75.7	5.15	7.0	SR4	10/10/2019 19:01	29.12	76.5	5.21	3.6
SR4	10/10/2019 1:06	29.04	70.5	4.81	2.0	SR4	10/10/2019 7:06	29.05	73.7	5.02	3.4	SR4	10/10/2019 13:06	29.13	74.3	5.05	7.0	SR4	10/10/2019 19:06	29.12	77.1	5.26	4.7
SR4	10/10/2019 1:11	29.06	69.3	4.74	2.0	SR4	10/10/2019 7:11	29.05	72.8	4.96	2.2	SR4	10/10/2019 13:11	29.09	75.4	5.14	5.7	SR4	10/10/2019 19:11	29.11	77.1	5.24	4.6
SR4	10/10/2019 1:16	29.01	68.3	4.67	2.3	SR4	10/10/2019 7:16	29.04	74.4	5.08	2.5	SR4	10/10/2019 13:16	29.13	74.3	5.05	3.6	SR4	10/10/2019 19:16	29.11	76.0	5.17	5.9
SR4	10/10/2019 1:21	29.02	72.0	4.92	2.5	SR4	10/10/2019 7:21	29.03	76.6	5.22	2.9	SR4	10/10/2019 13:21	29.12	75.0	5.10	4.6	SR4	10/10/2019 19:21	29.11	76.8	5.23	5.2
SR4	10/10/2019 1:26	28.91	72.5	4.96	2.9	SR4	10/10/2019 7:26	29.02	74.5	5.08	2.5	SR4	10/10/2019 13:26	29.12	74.5	5.06	3.8	SR4	10/10/2019 19:26	29.11	76.8	5.23	**22.3**
SR4	10/10/2019 1:31	28.98	72.3	4.94	2.7	SR4	10/10/2019 7:31	29.03	75.7	5.16	2.2	SR4	10/10/2019 13:31	29.13	75.8	5.16	4.8	SR4	10/10/2019 19:31	29.11	77.5	5.28	7.2
SR4	10/10/2019 1:36	29.01	70.6	4.82	3.0	SR4	10/10/2019 7:36	29.03	75.2	5.12	2.0	SR4	10/10/2019 13:36	29.17	75.6	5.14	3.8	SR4	10/10/2019 19:36	29.11	73.7	5.03	4.7
SR4	10/10/2019 1:41	28.98	69.2	4.73	**26.2**	SR4	10/10/2019 7:41	29.01	77.9	5.30	3.1	SR4	10/10/2019 13:41	29.18	72.6	4.93	3.0	SR4	10/10/2019 19:41	29.11	75.3	5.14	4.4
SR4	10/10/2019 1:46	29.04	71.5	4.88	3.3	SR4	10/10/2019 7:46	29.02	76.5	5.21	2.1	SR4	10/10/2019 13:46	29.13	75.2	5.11	4.3	SR4	10/10/2019 19:46	29.10	77.6	5.29	6.1
SR4	10/10/2019 1:51	28.94	65.3	4.46	2.1	SR4	10/10/2019 7:51	29.02	77.3	5.27	2.5	SR4	10/10/2019 13:51	29.17	64.6	4.40	2.3	SR4	10/10/2019 19:51	29.10	76.7	5.23	5.8
SR4	10/10/2019 1:56	28.98	65.4	4.48	2.3	SR4	10/10/2019 7:56	29.03	76.6	5.22	2.2	SR4	10/10/2019 13:56	29.17	67.2	4.57	2.5	SR4	10/10/2019 19:56	29.10	74.9	5.10	5.4
SR4	10/10/2019 2:01	29.04	66.7	4.56	1.8	SR4	10/10/2019 8:01	29.03	78.3	5.34	1.8	SR4	10/10/2019 14:01	29.20	55.4	3.77	2.5	SR4	10/10/2019 20:01	29.09	77.1	5.26	5.7
SR4	10/10/2019 2:06	29.04	70.0	4.79	2.3	SR4	10/10/2019 8:06	29.03	79.6	5.42	2.8	SR4	10/10/2019 14:06	29.20	60.1	4.09	3.3	SR4	10/10/2019 20:06	29.09	77.1	5.26	5.0
SR4	10/10/2019 2:11	29.05	69.8	4.76	2.6	SR4	10/10/2019 8:11	29.04	80.2	5.46	3.4	SR4	10/10/2019 14:11	29.19	73.8	5.02	4.9	SR4	10/10/2019 20:11	29.09	78.9	5.38	9.2
SR4	10/10/2019 2:16	29.06	69.2	4.73	2.5	SR4	10/10/2019 8:16	29.04	79.9	5.46	2.8	SR4	10/10/2019 14:16	29.20	76.7	5.21	5.0	SR4	10/10/2019 20:16	29.09	78.0	5.32	5.5
SR4	10/10/2019 2:21	29.06	70.4	4.80	2.6	SR4	10/10/2019 8:21	29.05	79.8	5.45	2.6	SR4	10/10/2019 14:21	29.24	76.1	5.17	3.9	SR4	10/10/2019 20:21	29.09	77.3	5.27	4.9
SR4	10/10/2019 2:26	29.09	74.5	5.09	3.9	SR4	10/10/2019 8:26	29.05	78.9	5.38	2.8	SR4	10/10/2019 14:26	29.26	75.4	5.12	5.4	SR4	10/10/2019 20:26	29.09	75.8	5.17	4.7
SR4	10/10/2019 2:31	29.10	74.1	5.05	5.3	SR4	10/10/2019 8:31	29.06	79.9	5.45	2.3	SR4	10/10/2019 14:31	29.29	80.4	5.46	3.5	SR4	10/10/2019 20:31	29.09	76.5	5.21	3.8
SR4	10/10/2019 2:36	29.09	73.5	5.02	3.7	SR4	10/10/2019 8:36	29.05	79.5	5.42	3.9	SR4	10/10/2019 14:36	29.29	86.1	5.86	3.2	SR4	10/10/2019 20:36	29.09	73.1	4.98	4.0
SR4	10/10/2019 2:41	29.10	73.8	5.04	4.3	SR4	10/10/2019 8:41	29.07	80.6	5.50	3.0	SR4	10/10/2019 14:41	29.28	86.6	5.88	3.3	SR4	10/10/2019 20:41	29.09	76.2	5.20	4.4
SR4	10/10/2019 2:46	29.10	73.8	5.04	5.2	SR4	10/10/2019 8:46	29.08	81.2	5.54	3.0	SR4	10/10/2019 14:46	29.29	87.1	5.90	3.8	SR4	10/10/2019 20:46	29.08	75.7	5.16	9.1
SR4	10/10/2019 2:51	29.10	76.6	5.22	7.1	SR4	10/10/2019 8:51	29.09	81.4	5.56	2.4	SR4	10/10/2019 14:51	29.31	87.6	5.95	4.4	SR4	10/10/2019 20:51	29.08	79.8	5.45	3.7
SR4	10/10/2019 2:56	29.10	74.3	5.06	5.8	SR4	10/10/2019 8:56	29.12	77.9	5.30	2.0	SR4	10/10/2019 14:56	29.30	88.0	5.98	3.6	SR4	10/10/2019 20:56	29.09	78.5	5.36	3.3
SR4	10/10/2019 3:01	29.10	75.6	5.15	4.8	SR4	10/10/2019 9:01	29.09	78.2	5.33	3.2	SR4	10/10/2019 15:01	29.30	88.0	5.98	3.1	SR4	10/10/2019 21:01	29.08	77.5	5.29	2.6
SR4	10/10/2019 3:06	29.10	74.5	5.08	5.2	SR4	10/10/2019 9:06	29.11	78.2	5.33	2.2	SR4	10/10/2019 15:06	29.30	87.4	5.94	3.3	SR4	10/10/2019 21:06	29.07	78.0	5.33	2.5
SR4	10/10/2019 3:11	29.09	75.4	5.15	5.2	SR4	10/10/2019 9:11	29.13	80.8	5.51	2.1	SR4	10/10/2019 15:11	29.30	89.5	6.07	3.1	SR4	10/10/2019 21:11	29.02	76.7	5.24	2.4
SR4	10/10/2019 3:16	28.93	62.9	4.31	3.0	SR4	10/10/2019 9:16	29.10	81.4	5.56	2.4	SR4	10/10/2019 15:16	29.30	90.9	6.17	3.3	SR4	10/10/2019 21:16	29.06	81.8	5.59	2.7
SR4	10/10/2019 3:21	28.95	63.7	4.36	2.5	SR4	10/10/2019 9:21	29.11	79.1	5.40	2.3	SR4	10/10/2019 15:21	29.30	90.6	6.17	3.2	SR4	10/10/2019 21:21	29.06	77.7	5.32	2.0
SR4	10/10/2019 3:26	29.00	66.5	4.54	2.8	SR4	10/10/2019 9:26	29.12	79.7	5.44	1.8	SR4	10/10/2019 15:26	29.31	91.8	6.24	2.9	SR4	10/10/2019 21:26	29.05	77.5	5.29	1.7
SR4	10/10/2019 3:31	29.02	67.5	4.61	3.0	SR4	10/10/2019 9:31	29.11	80.4	5.48	2.5	SR4	10/10/2019 15:31	29.32	92.9	6.32	2.7	SR4	10/10/2019 21:31	29.03	79.2	5.42	2.6
SR4	10/10/2019 3:36	29.04	66.2	4.52	2.6	SR4	10/10/2019 9:36	29.12	78.7	5.36	2.0	SR4	10/10/2019 15:36	29.32	93.2	6.35	2.7	SR4	10/10/2019 21:36	29.07	79.0	5.40	1.6
SR4	10/10/2019 3:41	29.05	68.5	4.67	3.2	SR4	10/10/2019 9:41	29.12	78.5	5.35	2.4	SR4	10/10/2019 15:41	29.32	92.8	6.32	4.5	SR4	10/10/2019 21:41	29.08	71.1	4.86	1.4
SR4	10/10/2019 3:46	29.07	70.6	4.81	3.3	SR4	10/10/2019 9:46	29.11	79.4	5.41	2.4	SR4	10/10/2019 15:46	29.33	93.2	6.35	2.8	SR4	10/10/2019 21:46	29.07	71.0	4.85	1.7
SR4	10/10/2019 3:51	29.09	75.0	5.11	3.5	SR4	10/10/2019 9:51	29.15	78.8	5.36	2.3	SR4	10/10/2019 15:51	29.33	94.1	6.41	2.8	SR4	10/10/2019 21:51	29.08	72.2	4.93	1.4
SR4	10/10/2019 3:56	29.09	73.0	4.98	3.6	SR4	10/10/2019 9:56	29.16	78.3	5.34	3.5	SR4	10/10/2019 15:56	29.33	93.0	6.35	2.3	SR4	10/10/2019 21:56	29.07	73.3	5.00	1.4
SR4	10/10/2019 4:01	29.09	71.8	4.90	3.4	SR4	10/10/2019 10:01	29.13	79.2	5.40	2.9	SR4	10/10/2019 16:01	29.34	93.3	6.35	2.5	SR4	10/10/2019 22:01	28.99	73.4	5.03	1.3
SR4	10/10/2019 4:06	29.10	74.6	5.08	4.4	SR4	10/10/2019 10:06	29.13	76.4	5.21	2.0	SR4	10/10/2019 16:06	29.32	95.6	6.52	2.1	SR4	10/10/2019 22:06	29.06	78.5	5.36	2.1
SR4	10/10/2019 4:11	29.08	77.1	5.26	4.1	SR4	10/10/2019 10:11	29.15	78.1	5.33	2.5	SR4	10/10/2019 16:11	29.32	94.6	6.46	2.2	SR4	10/10/2019 22:11	28.96	73.7	5.05	1.1
SR4	10/10/2019 4:16	29.08	74.2	5.06	3.8	SR4	10/10/2019 10:16	29.15	79.4	5.41	2.7	SR4	10/10/2019 16:16	29.33	94.2	6.41	2.1	SR4	10/10/2019 22:16	28.91	73.5	5.04	1.0
SR4	10/10/2019 4:21	29.07	75.4	5.15	3.5	SR4	10/10/2019 10:21	29.29	77.3	5.26	1.5	SR4	10/10/2019 16:21	29.34	93.8	6.40	2.9	SR4	10/10/2019 22:21	28.85	76.5	5.26	1.7
SR4	10/10/2019 4:26	29.06	75.8	5.17	3.9	SR4	10/10/2019 10:26	29.27	78.2	5.32	2.7	SR4	10/10/2019 16:26	29.34	95.7	6.53	2.6	SR4	10/10/2019 22:26	28.91	73.1	5.03	1.3
SR4	10/10/2019 4:31	29.06	72.7	4.96	3.5	SR4	10/10/2019 10:31	29.32	77.6	5.27	3.6	SR4	10/10/2019 16:31	29.33	96.6	6.59	3.4	SR4	10/10/2019 22:31	28.90	71.0	4.87	0.9
SR4	10/10/2019 4:36	29.06	72.6	4.94	3.3	SR4	10/10/2019 10:36	29.40	77.4	5.26	2.0	SR4	10/10/2019 16:36	29.18	87.5	5.96	4.8	SR4	10/10/2019 22:36	28.92	69.6	4.78	0.9
SR4	10/10/2019 4:41	29.03	75.8	5.17	6.3	SR4	10/10/2019 10:41	29.32	76.4	5.20	2.3	SR4	10/10/2019 16:41	29.18	86.5	5.90	6.3	SR4	10/10/2019 22:41	28.91	72.2	4.96	1.0
SR4	10/10/2019 4:46	29.04	73.9	5.05	5.4	SR4	10/10/2019 10:46	29.34	76.5	5.20	1.8	SR4	10/10/2019 16:46	29.17	86.8	5.92	6.0	SR4	10/10/2019 22:46	28.81	74.8	5.15	1.5
SR4	10/10/2019 4:51	29.03	74.3	5.08	3.6	SR4	10/10/2019 10:51	29.34	77.1	5.23	3.0	SR4	10/10/2019 16:51	29.18	88.1	6.01	6.3	SR4	10/10/2019 22:51	28.94	74.8	5.12	1.3
SR4	10/10/2019 4:56	29.04	73.9	5.05	2.8	SR4	10/10/2019 10:56	29.37	78.8	5.35	2.4	SR4	10/10/2019 16:56	29.18	87.4	5.96	4.9	SR4	10/10/2019 22:56	28.88	71.0	4.88	1.2
SR4	10/10/2019 5:01	29.03	72.7	4.97	2.9	SR4	10/10/2019 11:01	29.37	79.5	5.39	2.7	SR4	10/10/2019 17:01	29.19	86.9	5.93	4.6	SR4	10/10/2019 23:01	28.91	69.5	4.78	0.8
SR4	10/10/2019 5:06	29.03	73.3	5.00	3.8	SR4	10/10/2019 11:06	29.30	76.6	5.21	3.6	SR4	10/10/2019 17:06	29.19	85.6	5.84	4.0	SR4	10/10/2019 23:06	28.91	71.1	4.88	1.7
SR4	10/10/2019 5:11	29.02	74.5	5.08	3.0	SR4	10/10/2019 11:11	29.35	77.7	5.28	2.7	SR4	10/10/2019 17:11	29.17	87.1	5.94	5.5	SR4	10/10/2019 23:11	28.99	72.0	4.94	1.9
SR4	10/10/2019 5:16	29.03	71.3	4.86	2.6	SR4	10/10/2019 11:16	29.28	78.3	5.33	2.8	SR4	10/10/2019 17:16	29.19	84.5	5.77	4.3	SR4	10/10/2019 23:16	29.03	72.0	4.93	1.4
SR4	10/10/2019 5:21	29.02	71.2	4.85	2.5	SR4	10/10/2019 11:21	29.34	78.9	5.35	3.0	SR4	10/10/2019 17:21	29.18	82.6	5.63	5.4	SR4	10/10/2019 23:21	29.05	75.4	5.17	1.7
SR4	10/10/2019 5:26	29.02	73.1	4.98	2.7	SR4	10/10/2019 11:26	29.62	74.2	5.02	2.3	SR4	10/10/2019 17:26	29.16	82.1	5.59	4.7	SR4	10/10/2019 23:26	29.00	73.9	5.08	2.7
SR4	10/10/2019 5:31	29.01	71.5	4.87	2.9	SR4	10/10/2019 11:31	29.44	78.1	5.29	2.4	SR4	10/10/2019 17:31	29.15	83.3	5.68	5.1	SR4	10/10/2019 23:31	29.03	74.9	5.14	1.7
SR4	10/10/2019 5:36	29.02	71.5	4.87	2.4	SR4	10/10/2019 11:36	29.28	76.9	5.23	2.5	SR4	10/10/2019 17:36	29.15	84.2	5.74	5.0	SR4	10/10/2019 23:36	29.03	73.4	5.03	1.2
SR4	10/10/2019 5:41	29.00	66.8	4.56	1.6	SR4	10/10/2019 11:41	29.30	76.0	5.17	2.7	SR4	10/10/2019 17:41	29.15	81.8	5.57	3.7	SR4	10/10/2019 23:41	29.09	75.7	5.18	1.4
SR4	10/10/2019 5:46	29.02	67.4	4.60	2.0	SR4	10/10/2019 11:46	29.50	73.5	4.98	2.2	SR4	10/10/2019 17:46	29.15	84.0	5.72	4.4	SR4	10/10/2019 23:46	29.11	77.7	5.33	1.8
SR4	10/10/2019 5:51	29.02	70.7	4.82	2.3	SR4	10/10/2019 11:51	29.28	77.1	5.24	3.0	SR4	10/10/2019 17:51	29.15	79.7	5.44	3.3	SR4	10/10/2019 23:51	29.12	77.3	5.29	1.5
SR4	10/10/2019 5:56	29.02	70.2	4.78	3.2	SR4	10/10/2019 11:56	29.27	73.8	5.03	4.5	SR4	10/10/2019 17:56	29.16	81.9	5.58	4.5	SR4	10/10/2019 23:56	29.11	77.3	5.29	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)
SR5	10/10/2019 0:00	28.99	76.7	5.34	6.3	SR5	10/10/2019 6:00	28.97	76.3	5.33	6.6	SR5	10/10/2019 12:00	29.18	86.0	5.51	5.8	SR5	10/10/2019 18:00	29.17	78.6	5.48	6.9
SR5	10/10/2019 0:05	28.99	77.4	5.39	6.2	SR5	10/10/2019 6:05	28.98	77.4	5.42	6.0	SR5	10/10/2019 12:05	29.16	85.4	5.48	6.8	SR5	10/10/2019 18:05	29.16	78.6	5.49	6.7
SR5	10/10/2019 0:10	28.98	77.2	5.38	6.8	SR5	10/10/2019 6:10	28.99	78.2	5.47	7.6	SR5	10/10/2019 12:10	29.17	85.5	5.48	6.9	SR5	10/10/2019 18:10	29.16	77.1	5.38	6.0
SR5	10/10/2019 0:15	29.01	76.2	5.31	7.3	SR5	10/10/2019 6:15	28.99	75.7	5.28	7.1	SR5	10/10/2019 12:15	29.17	84.7	5.43	6.4	SR5	10/10/2019 18:15	29.15	77.7	5.43	5.0
SR5	10/10/2019 0:20	29.01	74.5	5.41	6.6	SR5	10/10/2019 6:20	28.99	79.2	5.55	7.1	SR5	10/10/2019 12:20	29.16	84.3	5.40	6.4	SR5	10/10/2019 18:20	29.15	79.6	5.57	5.7
SR5	10/10/2019 0:25	29.01	73.3	5.32	6.9	SR5	10/10/2019 6:25	29.00	76.8	5.36	6.1	SR5	10/10/2019 12:25	29.17	83.9	5.37	6.9	SR5	10/10/2019 18:25	29.15	79.1	5.53	6.2
SR5	10/10/2019 0:30	29.00	74.3	5.40	5.9	SR5	10/10/2019 6:30	29.00	75.5	5.27	6.0	SR5	10/10/2019 12:30	29.21	84.7	5.42	7.1	SR5	10/10/2019 18:30	29.14	76.8	5.36	5.8
SR5	10/10/2019 0:35	29.02	73.6	5.33	6.9	SR5	10/10/2019 6:35	29.00	77.6	5.43	6.4	SR5	10/10/2019 12:35	29.22	84.6	5.42	6.6	SR5	10/10/2019 18:35	29.14	78.6	5.49	7.0
SR5	10/10/2019 0:40	29.02	75.5	5.26	6.2	SR5	10/10/2019 6:40	29.00	77.5	5.42	6.3	SR5						SR5	10/10/2019 18:40	29.14	76.1	5.30	6.4
SR5	10/10/2019 0:45	28.97	75.2	5.24	6.2	SR5	10/10/2019 6:45	29.00	75.5	5.27	7.3	SR5						SR5	10/10/2019 18:45	29.13	78.6	5.49	5.4
SR5	10/10/2019 0:50	28.95	78.0	5.44	6.9	SR5	10/10/2019 6:50	29.00	76.5	5.34	6.7	SR5						SR5	10/10/2019 18:50	29.13	76.8	5.36	4.1
SR5	10/10/2019 0:55	28.97	76.5	5.32	6.2	SR5	10/10/2019 6:55	29.00	77.3	5.40	6.4	SR5						SR5	10/10/2019 18:55	29.13	79.6	5.56	6.5
SR5	10/10/2019 1:00	28.97	75.0	5.21	6.5	SR5	10/10/2019 7:00	29.01	77.3	5.41	7.4	SR5	10/10/2019 13:00	29.17	83.1	5.33	6.2	SR5	10/10/2019 19:00	29.13	79.3	5.54	5.4
SR5	10/10/2019 1:05	28.96	78.7	5.49	6.2	SR5	10/10/2019 7:05	29.01	75.8	5.30	6.8	SR5	10/10/2019 13:05	29.15	82.1	5.26	7.3	SR5	10/10/2019 19:05	29.12	80.0	5.59	5.6
SR5	10/10/2019 1:10	28.94	77.5	5.40	7.2	SR5	10/10/2019 7:10	29.01	75.5	5.27	7.1	SR5	10/10/2019 13:10	29.15	81.9	5.25	5.6	SR5	10/10/2019 19:10	29.12	78.0	5.45	6.1
SR5	10/10/2019 1:15	28.94	75.2	5.22	7.7	SR5	10/10/2019 7:15	29.01	74.6	5.20	5.8	SR5	10/10/2019 13:15	29.18	82.0	5.26	7.6	SR5	10/10/2019 19:15	29.12	79.3	5.54	4.5
SR5	10/10/2019 1:20	28.93	77.8	5.42	7.1	SR5	10/10/2019 7:20	29.02	78.9	5.53	7.1	SR5	10/10/2019 13:20	29.20	82.7	5.30	7.2	SR5	10/10/2019 19:20	29.12	78.7	5.50	4.9
SR5	10/10/2019 1:25	28.94	77.7	5.42	6.7	SR5	10/10/2019 7:25	29.02	76.2	5.33	5.9	SR5	10/10/2019 13:25	29.20	82.9	5.31	5.6	SR5	10/10/2019 19:25	29.12	80.3	5.63	6.2
SR5	10/10/2019 1:30	28.95	77.3	5.39	6.7	SR5	10/10/2019 7:30	29.02	78.2	5.47	6.3	SR5	10/10/2019 13:30	29.31	85.5	5.47	7.0	SR5	10/10/2019 19:30	29.13	78.3	5.48	5.3
SR5	10/10/2019 1:35	28.94	76.9	5.35	5.9	SR5	10/10/2019 7:35	29.02	76.0	5.30	6.9	SR5	10/10/2019 13:35	29.25	83.8	5.36	6.6	SR5	10/10/2019 19:35	29.13	78.6	5.50	5.5
SR5	10/10/2019 1:40	28.92	76.1	5.30	6.1	SR5	10/10/2019 7:40	29.02	75.3	5.26	7.1	SR5	10/10/2019 13:40	29.25	84.3	5.40	7.1	SR5	10/10/2019 19:40	29.12	79.4	5.56	6.4
SR5	10/10/2019 1:45	28.91	76.6	5.33	6.7	SR5	10/10/2019 7:45	29.02	78.0	5.46	6.8	SR5	10/10/2019 13:45	29.39	84.9	5.43	5.0	SR5	10/10/2019 19:45	29.12	79.5	5.57	5.4
SR5	10/10/2019 1:50	28.90	77.1	5.38	6.4	SR5	10/10/2019 7:50	29.02	77.1	5.39	6.8	SR5	10/10/2019 13:50	29.31	85.5	5.47	6.1	SR5	10/10/2019 19:50	29.11	77.6	5.42	5.6
SR5	10/10/2019 1:55	28.89	76.5	5.33	6.1	SR5	10/10/2019 7:55	29.02	76.3	5.34	5.8	SR5	10/10/2019 13:55	29.30	84.9	5.44	6.5	SR5	10/10/2019 19:55	29.11	78.8	5.51	5.4
SR5	10/10/2019 2:00	28.89	78.5	5.48	7.7	SR5	10/10/2019 8:00	29.02	77.2	5.41	7.5	SR5	10/10/2019 14:00	29.31	85.1	5.45	6.2	SR5	10/10/2019 20:00	29.12	76.4	5.34	5.8
SR5	10/10/2019 2:05	28.88	77.9	5.43	6.9	SR5	10/10/2019 8:05	29.02	77.8	5.45	9.0	SR5	10/10/2019 14:05	29.42	88.3	5.66	6.6	SR5	10/10/2019 20:05	29.10	76.6	5.35	5.8
SR5	10/10/2019 2:10	28.90	78.4	5.48	6.9	SR5	10/10/2019 8:10	29.02	75.0	5.24	7.5	SR5	10/10/2019 14:10	29.46	91.2	5.85	5.1	SR5	10/10/2019 20:10	29.10	76.9	5.37	5.8
SR5	10/10/2019 2:15	28.90	77.0	5.37	6.7	SR5	10/10/2019 8:15	29.01	76.0	5.31	6.0	SR5	10/10/2019 14:15	29.43	90.2	5.79	5.2	SR5	10/10/2019 20:15	29.10	75.9	5.30	5.4
SR5	10/10/2019 2:20	28.90	76.2	5.32	7.1	SR5	10/10/2019 8:20	29.01	74.8	5.23	7.5	SR5	10/10/2019 14:20	29.41	90.4	5.80	6.5	SR5	10/10/2019 20:20	29.10	78.7	5.51	6.5
SR5	10/10/2019 2:25	28.91	76.8	5.36	6.9	SR5	10/10/2019 8:25	29.02	76.6	5.36	6.1	SR5	10/10/2019 14:25	29.48	92.2	5.92	5.7	SR5	10/10/2019 20:25	29.09	76.6	5.34	5.7
SR5	10/10/2019 2:30	28.91	77.7	5.43	6.7	SR5	10/10/2019 8:30	29.02	77.8	5.46	7.1	SR5	10/10/2019 14:30	29.39	89.5	5.75	5.3	SR5	10/10/2019 20:30	29.09	77.5	5.41	6.0
SR5	10/10/2019 2:35	28.93	75.8	5.28	6.8	SR5	10/10/2019 8:35	29.02	76.8	5.37	6.1	SR5	10/10/2019 14:35	29.32	88.6	5.69	5.1	SR5	10/10/2019 20:35	29.09	78.1	5.45	6.1
SR5	10/10/2019 2:40	28.91	78.6	5.50	5.9	SR5	10/10/2019 8:40	29.00	77.6	5.42	7.4	SR5	10/10/2019 14:40	29.34	88.8	5.71	6.0	SR5	10/10/2019 20:40	29.09	78.2	5.46	7.0
SR5	10/10/2019 2:45	28.89	79.9	5.59	6.8	SR5	10/10/2019 8:45	29.01	76.5	5.34	6.3	SR5	10/10/2019 14:45	29.31	87.3	5.61	5.2	SR5	10/10/2019 20:45	29.09	77.7	5.42	6.4
SR5	10/10/2019 2:50	28.91	77.1	5.38	6.2	SR5	10/10/2019 8:50	29.02	77.7	5.43	6.1	SR5	10/10/2019 14:50	29.35	88.4	5.68	6.4	SR5	10/10/2019 20:50	29.09	76.2	5.32	6.6
SR5	10/10/2019 2:55	28.90	79.7	5.57	7.3	SR5	10/10/2019 8:55	29.02	77.8	5.43	7.6	SR5	10/10/2019 14:55	29.36	88.7	5.69	5.8	SR5	10/10/2019 20:55	29.09	76.0	5.30	5.1
SR5	10/10/2019 3:00	28.91	78.7	5.50	8.0	SR5	10/10/2019 9:00	29.02	76.2	5.31	7.0	SR5	10/10/2019 15:00	29.40	89.5	5.74	5.4	SR5	10/10/2019 21:00	29.09	77.5	5.41	5.8
SR5	10/10/2019 3:05	28.93	77.4	5.40	6.8	SR5	10/10/2019 9:05	29.01	77.7	5.43	6.1	SR5	10/10/2019 15:05	29.42	89.4	5.74	6.0	SR5	10/10/2019 21:05	29.09	78.1	5.46	6.6
SR5	10/10/2019 3:10	28.92	78.6	5.50	6.5	SR5	10/10/2019 9:10	29.00	79.3	5.55	7.6	SR5	10/10/2019 15:10	29.47	90.2	5.78	5.9	SR5	10/10/2019 21:10	29.09	77.9	5.43	5.6
SR5	10/10/2019 3:15	28.91	77.1	5.38	6.4	SR5	10/10/2019 9:15	28.98	81.7	5.73	6.0	SR5	10/10/2019 15:15	29.46	89.3	5.72	5.8	SR5	10/10/2019 21:15	29.09	79.0	5.52	6.7
SR5	10/10/2019 3:20	28.90	79.4	5.55	7.1	SR5	10/10/2019 9:20	28.99	77.4	5.40	6.9	SR5	10/10/2019 15:20	29.44	88.7	5.68	5.8	SR5	10/10/2019 21:20	29.08	78.3	5.47	6.7
SR5	10/10/2019 3:25	28.86	79.8	5.59	7.4	SR5	10/10/2019 9:25	28.99	80.9	5.67	5.8	SR5	10/10/2019 15:25	29.44	88.7	5.68	6.5	SR5	10/10/2019 21:25	29.08	77.9	5.44	6.2
SR5	10/10/2019 3:30	28.87	78.4	5.48	6.5	SR5	10/10/2019 9:30	29.00	81.0	5.68	7.2	SR5	10/10/2019 15:30	29.39	87.9	5.63	5.3	SR5	10/10/2019 21:30	29.08	80.1	5.61	5.3
SR5	10/10/2019 3:35	28.82	77.4	5.42	7.3	SR5	10/10/2019 9:35	29.02	80.8	5.66	6.1	SR5	10/10/2019 15:35	29.36	87.4	5.60	6.7	SR5	10/10/2019 21:35	29.08	79.3	5.54	5.6
SR5	10/10/2019 3:40	28.83	76.0	5.32	6.4	SR5	10/10/2019 9:40	29.09	83.9	5.88	6.9	SR5	10/10/2019 15:40	29.38	87.3	5.60	6.7	SR5	10/10/2019 21:40	29.08	77.5	5.41	5.7
SR5	10/10/2019 3:45	28.83	78.4	5.49	6.3	SR5	10/10/2019 9:45	29.09	81.9	5.74	6.2	SR5	10/10/2019 15:45	29.39	87.3	5.59	5.4	SR5	10/10/2019 21:45	29.08	76.8	5.36	5.9
SR5	10/10/2019 3:50	28.85	78.9	5.52	7.3	SR5	10/10/2019 9:50	29.08	81.7	5.72	6.6	SR5	10/10/2019 15:50	29.39	87.0	5.58	6.6	SR5	10/10/2019 21:50	29.08	79.8	5.59	5.2
SR5	10/10/2019 3:55	28.88	77.3	5.41	6.5	SR5	10/10/2019 9:55	29.07	81.1	5.68	6.5	SR5	10/10/2019 15:55	29.40	87.3	5.59	6.0	SR5	10/10/2019 21:55	29.08	77.6	5.42	5.4
SR5	10/10/2019 4:00	28.87	78.4	5.49	6.5	SR5	10/10/2019 10:00	29.08	80.6	5.64	6.1	SR5	10/10/2019 16:00	29.41	87.1	5.58	6.1	SR5	10/10/2019 22:00	29.08	75.7	5.27	5.3
SR5	10/10/2019 4:05	28.82	77.6	5.42	6.6	SR5	10/10/2019 10:05	29.08	81.3	5.69	7.0	SR5	10/10/2019 16:05	29.43	87.1	5.58	6.4	SR5	10/10/2019 22:05	29.08	77.5	5.41	5.8
SR5	10/10/2019 4:10	28.80	77.9	5.45	6.3	SR5	10/10/2019 10:10	29.06	80.2	5.61	6.2	SR5	10/10/2019 16:10	29.43	86.6	5.55	6.6	SR5	10/10/2019 22:10	29.03	79.0	5.53	6.0
SR5	10/10/2019 4:15	28.80	78.7	5.51	6.6	SR5	10/10/2019 10:15	29.05	81.1	5.68	6.2	SR5	10/10/2019 16:15	29.44	87.1	5.57	6.3	SR5	10/10/2019 22:15	29.09	78.2	5.45	6.0
SR5	10/10/2019 4:20	28.82	77.9	5.45	7.0	SR5	10/10/2019 10:20	29.03	79.4	5.54	7.0	SR5	10/10/2019 16:20	29.45	87.5	5.60	5.6	SR5	10/10/2019 22:20	29.09	78.6	5.48	5.4
SR5	10/10/2019 4:25	28.82	78.7	5.51	6.7	SR5	10/10/2019 10:25	29.04	81.1	5.67	6.4	SR5	10/10/2019 16:25	29.48	86.8	5.56	6.1	SR5	10/10/2019 22:25	29.09	77.8	5.43	5.4
SR5	10/10/2019 4:30	28.84	77.3	5.41	6.8	SR5	10/10/2019 10:30	29.04	79.8	5.58	6.9	SR5	10/10/2019 16:30	29.46	87.5	5.60	6.0	SR5	10/10/2019 22:30	29.09	79.8	5.57	5.9
SR5	10/10/2019 4:35	28.85	76.1	5.31	6.6	SR5	10/10/2019 10:35	29.13	79.0	5.49	5.7	SR5	10/10/2019 16:35	29.43	86.7	5.56	5.1	SR5	10/10/2019 22:35	29.08	78.1	5.44	6.2
SR5	10/10/2019 4:40	28.89	78.1	5.47	6.6	SR5	10/10/2019 10:40	29.07	79.9	5.57	6.6	SR5	10/10/2019 16:40	29.44	86.5	5.54	5.3	SR5	10/10/2019 22:40	29.09	79.6	5.56	6.0
SR5	10/10/2019 4:45	28.89	78.7	5.51	5.8	SR5	10/10/2019 10:45	29.06	80.4	5.61	6.8	SR5	10/10/2019 16:45	29.42	85.8	5.50	6.6	SR5	10/10/2019 22:45	29.09	77.2	5.37	6.7
SR5	10/10/2019 4:50	28.87	79.0	5.53	6.9	SR5	10/10/2019 10:50	29.05	78.5	5.47	6.9	SR5	10/10/2019 16:50	29.40	85.8	5.50	6.0	SR5	10/10/2019 22:50	29.08	77.7	5.41	7.0
SR5	10/10/2019 4:55	28.82	78.4	5.48	5.8	SR5	10/10/2019 10:55	29.06	80.8	5.16	5.3	SR5	10/10/2019 16:55	29.41	85.8	5.50	6.6	SR5	10/10/2019 22:55	29.09	79.5	5.55	5.9
SR5	10/10/2019 5:00	28.82	79.5	5.57	6.2	SR5	10/10/2019 11:00	29.08	83.5	5.34	7.0	SR5	10/10/2019 17:00	29.38	85.1	5.46	6.1	SR5	10/10/2019 23:00	29.10	80.2	5.60	6.6
SR5	10/10/2019 5:05	28.83	76.6	5.35	6.0	SR5	10/10/2019 11:05	29.11	83.2	5.32	7.0	SR5	10/10/2019 17:05	29.37	85.7	5.49	5.2	SR5	10/10/2019 23:05	29.10	80.2	5.60	7.5
SR5	10/10/2019 5:10	28.87	78.8	5.52	6.7	SR5	10/10/2019 11:10	29.14	83.1	5.31	7.5	SR5	10/10/2019 17:10	29.26	83.1	5.33	5.0	SR5	10/10/2019 23:10	29.10	78.4	5.46	6.6
SR5	10/10/2019 5:15	28.89	78.7	5.51	7.5	SR5	10/10/2019 11:15	29.16	83.4	5.33	5.9	SR5	10/10/2019 17:15	29.27	83.3	5.34	5.2	SR5	10/10/2019 23:15	29.12	77.1	5.36	6.1
SR5	10/10/2019 5:20	28.87	79.3	5.56	6.0	SR5	10/10/2019 11:20	29.09	83.1	5.31	6.6	SR5	10/10/2019 17:20	29.25	82.4	5.28	6.4	SR5	10/10/2019 23:20	29.11	80.7	5.63	7.3
SR5	10/10/2019 5:25	28.90	77.7	5.44	6.7	SR5	10/10/2019 11:25	29.10	83.5	5.34	6.6	SR5	10/10/2019 17:25	29.23	81.2	5.20	6.2	SR5	10/10/2019 23:25	29.11	78.7	5.48	5.8
SR5	10/10/2019 5:30	28.90	78.5	5.49	6.9	SR5	10/10/2019 11:30	29.09	84.7	5.42	6.1	SR5	10/10/2019 17:30	29.21	81.9	5.73	5.6	SR5	10/10/2019 23:30	29.12	77.2	5.37	6.5
SR5	10/10/2019 5:35	28.91	77.9	5.45	7.0	SR5	10/10/2019 11:35	29.13	85.0	5.44	6.5	SR5	10/10/2019 17:35	29.20	80.6	5.63	5.9	SR5	10/10/2019 23:35	29.12	78.9	5.50	5.5
SR5	10/10/2019 5:40	28.91	77.9	5.45	7.1	SR5	10/10/2019 11:40	29.16	85.0	5.44	5.2	SR5	10/10/2019 17:40	29.22	79.1	5.52	6.1	SR5	10/10/2019 23:40	29.12	79.6	5.55	7.6
SR5	10/10/2019 5:45	28.91	77.7	5.44	6.2	SR5	10/10/2019 11:45	29.17	86.7	5.56	6.0	SR5	10/10/2019 17:45	29.19	79.8	5.58	6.7	SR5	10/10/2019 23:45	29.12	78.8	5.49	8.8
SR5	10/10/2019 5:50	28.94	79.1	5.54	6.8	SR5	10/10/2019 11:50	29.16	86.1	5.52	6.9	SR5	10/10/2019 17:50	29.18	80.4	5.63	6.9	SR5	10/10/2019 23:50	29.12	81.8	5.72	5.8
SR5	10/10/2019 5:55	28.95	78.2	5.47	7.5	SR5	10/10/2019 11:55	29.15	84.7	5.43	6.6	SR5	10/10/2019 17:55	29.18	78.9	5.51	6.5	SR5	10/10/2019 23:55	29.13	81.9	5.73	5.2

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	10/10/2019 0:01	29.15	72.0	5.14	1.5	SR12	10/10/2019 6:01	29.10	69.6	4.95	1.3	SR12	10/10/2019 12:01	29.15	78.7	5.60	6.5	SR12	10/10/2019 18:01	29.36	79.2	5.61	3.7
SR12	10/10/2019 0:06	29.15	71.6	5.10	2.2	SR12	10/10/2019 6:06	29.09	70.8	5.04	1.3	SR12	10/10/2019 12:06	29.15	79.3	5.64	6.8	SR12	10/10/2019 18:06	29.35	84.1	5.96	3.6
SR12	10/10/2019 0:11	29.13	73.0	5.20	1.9	SR12	10/10/2019 6:11	29.08	68.6	4.89	1.6	SR12	10/10/2019 12:11	29.15	79.7	5.67	5.7	SR12	10/10/2019 18:11	29.33	84.1	5.94	3.9
SR12	10/10/2019 0:16	29.13	73.6	5.24	1.3	SR12	10/10/2019 6:16	29.09	69.4	4.94	1.9	SR12	10/10/2019 12:16	29.17	79.9	5.68	4.8	SR12	10/10/2019 18:16	29.34	84.7	5.98	4.0
SR12	10/10/2019 0:21	29.14	73.7	5.24	2.2	SR12	10/10/2019 6:21	29.10	69.8	4.98	1.1	SR12	10/10/2019 12:21	29.18	79.8	5.68	5.0	SR12	10/10/2019 18:21	29.36	85.0	6.01	4.8
SR12	10/10/2019 0:26	29.13	73.4	5.23	2.0	SR12	10/10/2019 6:26	29.11	69.8	4.98	1.3	SR12	10/10/2019 12:26	29.17	79.8	5.68	5.0	SR12	10/10/2019 18:26	29.35	85.1	6.02	4.1
SR12	10/10/2019 0:31	29.13	73.0	5.20	2.3	SR12	10/10/2019 6:31	29.11	70.0	4.98	1.1	SR12	10/10/2019 12:31	29.17	79.7	5.67	5.2	SR12	10/10/2019 18:31	29.34	85.1	6.02	3.7
SR12	10/10/2019 0:36	29.13	74.9	5.33	2.9	SR12	10/10/2019 6:36	29.11	70.2	4.99	1.2	SR12	10/10/2019 12:36	29.17	79.4	5.66	6.1	SR12	10/10/2019 18:36	29.35	84.1	5.94	4.5
SR12	10/10/2019 0:41	29.13	74.9	5.33	1.8	SR12	10/10/2019 6:41	29.11	69.8	4.97	1.1	SR12	10/10/2019 12:41	29.17	79.0	5.62	5.2	SR12	10/10/2019 18:41	29.34	86.4	6.10	4.2
SR12	10/10/2019 0:46	29.13	74.8	5.33	2.3	SR12	10/10/2019 6:46	29.07	70.1	4.99	1.8	SR12	10/10/2019 12:46	29.16	78.8	5.60	6.3	SR12	10/10/2019 18:46	29.34	86.3	6.09	4.3
SR12	10/10/2019 0:51	29.14	74.0	5.28	2.2	SR12	10/10/2019 6:51	29.05	70.0	4.99	1.6	SR12	10/10/2019 12:51	29.16	78.7	5.60	7.4	SR12	10/10/2019 18:51	29.33	86.4	6.11	4.0
SR12	10/10/2019 0:56	29.14	74.2	5.28	2.9	SR12	10/10/2019 6:56	29.07	68.9	4.90	1.6	SR12	10/10/2019 12:56	29.16	79.0	5.62	8.1	SR12	10/10/2019 18:56	29.33	87.6	6.19	3.7
SR12	10/10/2019 1:01	29.13	74.5	5.30	1.8	SR12	10/10/2019 7:01	29.10	70.0	4.98	1.4	SR12	10/10/2019 13:01	29.16	79.1	5.63	6.8	SR12	10/10/2019 19:01	29.33	88.9	6.29	3.5
SR12	10/10/2019 1:06	29.13	75.1	5.36	1.9	SR12	10/10/2019 7:06	29.11	69.2	4.93	1.4	SR12	10/10/2019 13:06	29.16	79.1	5.63	6.3	SR12	10/10/2019 19:06	29.33	88.6	6.27	3.9
SR12	10/10/2019 1:11	29.13	74.5	5.30	3.4	SR12	10/10/2019 7:11	29.11	69.6	4.95	3.2	SR12	10/10/2019 13:11	29.16	79.1	5.63	7.4	SR12	10/10/2019 19:11	29.34	88.9	6.29	5.1
SR12	10/10/2019 1:16	29.13	73.9	5.27	1.6	SR12	10/10/2019 7:16	29.12	69.8	4.97	3.6	SR12	10/10/2019 13:16	29.15	79.8	5.68	7.6	SR12	10/10/2019 19:16	29.35	88.4	6.25	3.1
SR12	10/10/2019 1:21	29.12	74.8	5.33	1.3	SR12	10/10/2019 7:21	29.12	68.9	4.90	5.5	SR12	10/10/2019 13:21	29.13	81.1	5.77	8.6	SR12	10/10/2019 19:21	29.33	89.2	6.31	3.5
SR12	10/10/2019 1:26	29.12	74.5	5.32	1.9	SR12	10/10/2019 7:26	29.12	69.2	4.93	2.5	SR12	10/10/2019 13:26	29.13	80.5	5.73	7.9	SR12	10/10/2019 19:26	29.33	88.6	6.28	3.4
SR12	10/10/2019 1:31	29.12	75.5	5.38	1.5	SR12	10/10/2019 7:31	29.11	69.8	4.97	2.4	SR12	10/10/2019 13:31	29.13	80.4	5.72	6.7	SR12	10/10/2019 19:31	29.33	88.1	6.22	3.5
SR12	10/10/2019 1:36	29.12	74.4	5.30	1.9	SR12	10/10/2019 7:36	29.11	70.0	4.98	2.2	SR12	10/10/2019 13:36	29.12	80.5	5.73	6.9	SR12	10/10/2019 19:36	29.32	89.9	6.36	2.6
SR12	10/10/2019 1:41	29.12	74.4	5.30	1.7	SR12	10/10/2019 7:41	29.11	70.6	5.02	2.9	SR12	10/10/2019 13:41	29.11	81.0	5.76	5.8	SR12	10/10/2019 19:41	29.32	88.7	6.27	3.6
SR12	10/10/2019 1:46	29.12	74.4	5.30	1.5	SR12	10/10/2019 7:46	29.11	71.9	5.12	3.2	SR12	10/10/2019 13:46	29.10	81.5	5.80	**13.1**	SR12	10/10/2019 19:46	29.32	89.8	6.34	3.5
SR12	10/10/2019 1:51	29.12	74.6	5.32	1.2	SR12	10/10/2019 7:51	29.11	72.5	5.16	4.3	SR12	10/10/2019 13:51	29.09	82.0	5.84	5.6	SR12	10/10/2019 19:51	29.33	88.9	6.29	3.5
SR12	10/10/2019 1:56	29.12	75.0	5.34	1.3	SR12	10/10/2019 7:56	29.10	73.9	5.25	2.5	SR12	10/10/2019 13:56	29.10	82.0	5.84	5.6	SR12	10/10/2019 19:56	29.33	90.1	6.37	3.7
SR12	10/10/2019 2:01	29.12	74.2	5.28	1.6	SR12	10/10/2019 8:01	29.11	73.8	5.25	2.6	SR12	10/10/2019 14:01	29.10	81.8	5.82	4.7	SR12	10/10/2019 20:01	29.32	90.8	6.42	4.4
SR12	10/10/2019 2:06	29.11	73.6	5.24	1.4	SR12	10/10/2019 8:06	29.10	74.8	5.32	1.4	SR12	10/10/2019 14:06	29.08	82.3	5.85	3.8	SR12	10/10/2019 20:06	29.21	84.3	5.97	5.3
SR12	10/10/2019 2:11	29.11	73.0	5.20	1.7	SR12	10/10/2019 8:11	29.10	74.0	5.28	1.7	SR12	10/10/2019 14:11	29.09	82.7	5.88	4.0	SR12	10/10/2019 20:11	29.21	83.0	5.88	5.9
SR12	10/10/2019 2:16	29.12	72.4	5.16	1.9	SR12	10/10/2019 8:16	29.10	74.4	5.30	1.6	SR12	10/10/2019 14:16	29.09	82.0	5.84	3.6	SR12	10/10/2019 20:16	29.20	82.9	5.87	5.9
SR12	10/10/2019 2:21	29.12	74.0	5.28	5.7	SR12	10/10/2019 8:21	29.11	74.6	5.30	1.6	SR12	10/10/2019 14:21	29.09	82.6	5.88	2.9	SR12	10/10/2019 20:21	29.21	85.2	6.04	5.9
SR12	10/10/2019 2:26	29.11	73.3	5.23	1.4	SR12	10/10/2019 8:26	29.12	73.4	5.23	1.8	SR12	10/10/2019 14:26	29.09	82.4	5.86	2.9	SR12	10/10/2019 20:26	29.21	84.2	5.96	5.4
SR12	10/10/2019 2:31	29.11	73.4	5.23	1.1	SR12	10/10/2019 8:31	29.11	72.5	5.16	1.7	SR12	10/10/2019 14:31	29.09	82.6	5.88	3.9	SR12	10/10/2019 20:31	29.22	83.4	5.91	5.4
SR12	10/10/2019 2:36	29.11	72.7	5.17	1.4	SR12	10/10/2019 8:36	29.11	72.2	5.14	3.9	SR12	10/10/2019 14:36	29.09	82.1	5.84	2.9	SR12	10/10/2019 20:36	29.22	83.3	5.91	4.8
SR12	10/10/2019 2:41	29.11	73.3	5.23	1.2	SR12	10/10/2019 8:41	29.11	72.4	5.15	4.4	SR12	10/10/2019 14:41	29.10	82.0	5.82	3.0	SR12	10/10/2019 20:41	29.20	83.4	5.91	5.4
SR12	10/10/2019 2:46	29.11	73.1	5.21	1.6	SR12	10/10/2019 8:46	29.11	73.0	5.19	5.9	SR12	10/10/2019 14:46	29.12	83.3	5.93	3.6	SR12	10/10/2019 20:46	29.21	82.2	5.84	4.9
SR12	10/10/2019 2:51	29.11	73.1	5.21	1.6	SR12	10/10/2019 8:51	29.12	76.2	5.42	1.3	SR12	10/10/2019 14:51	29.12	82.7	5.89	3.0	SR12	10/10/2019 20:51	29.21	80.9	5.74	5.7
SR12	10/10/2019 2:56	29.10	73.8	5.25	1.2	SR12	10/10/2019 8:56	29.13	75.2	5.36	1.1	SR12	10/10/2019 14:56	29.12	83.3	5.93	2.9	SR12	10/10/2019 20:56	29.21	80.1	5.67	4.9
SR12	10/10/2019 3:01	29.09	73.6	5.25	1.3	SR12	10/10/2019 9:01	29.12	74.2	5.28	1.6	SR12	10/10/2019 15:01	29.12	83.2	5.92	3.7	SR12	10/10/2019 21:01	29.20	80.7	5.72	5.0
SR12	10/10/2019 3:06	29.10	72.7	5.19	1.3	SR12	10/10/2019 9:06	29.13	74.8	5.33	1.3	SR12	10/10/2019 15:06	29.13	83.4	5.94	5.3	SR12	10/10/2019 21:06	29.20	81.7	5.79	5.0
SR12	10/10/2019 3:11	29.11	72.1	5.14	1.8	SR12	10/10/2019 9:11	29.12	74.3	5.29	1.7	SR12	10/10/2019 15:11	29.14	83.8	5.97	2.4	SR12	10/10/2019 21:11	29.20	79.9	5.67	3.9
SR12	10/10/2019 3:16	29.10	72.2	5.15	1.3	SR12	10/10/2019 9:16	29.11	73.7	5.24	2.3	SR12	10/10/2019 15:16	29.14	84.5	6.01	4.6	SR12	10/10/2019 21:16	29.20	81.8	5.80	4.8
SR12	10/10/2019 3:21	29.11	72.0	5.14	1.2	SR12	10/10/2019 9:21	29.11	73.4	5.23	1.4	SR12	10/10/2019 15:21	29.16	84.2	5.99	3.1	SR12	10/10/2019 21:21	29.22	78.4	5.57	4.4
SR12	10/10/2019 3:26	29.11	72.2	5.15	1.2	SR12	10/10/2019 9:26	29.11	73.3	5.21	1.8	SR12	10/10/2019 15:26	29.16	84.2	5.99	3.8	SR12	10/10/2019 21:26	29.25	80.0	5.67	4.9
SR12	10/10/2019 3:31	29.12	73.1	5.20	1.2	SR12	10/10/2019 9:31	29.11	73.7	5.25	2.1	SR12	10/10/2019 15:31	29.18	84.0	5.98	2.1	SR12	10/10/2019 21:31	29.25	80.9	5.75	5.7
SR12	10/10/2019 3:36	29.11	72.6	5.16	1.1	SR12	10/10/2019 9:36	29.11	73.6	5.24	3.6	SR12	10/10/2019 15:36	29.18	84.4	5.99	1.6	SR12	10/10/2019 21:36	29.27	79.1	5.62	4.1
SR12	10/10/2019 3:41	29.11	72.1	5.14	1.2	SR12	10/10/2019 9:41	29.12	73.2	5.21	1.3	SR12	10/10/2019 15:41	29.18	84.5	6.01	2.0	SR12	10/10/2019 21:41	29.26	81.3	5.76	4.6
SR12	10/10/2019 3:46	29.12	72.2	5.15	1.7	SR12	10/10/2019 9:46	29.12	73.7	5.24	2.4	SR12	10/10/2019 15:46	29.18	83.8	5.95	1.7	SR12	10/10/2019 21:46	29.27	79.9	5.67	5.3
SR12	10/10/2019 3:51	29.12	72.0	5.12	1.2	SR12	10/10/2019 9:51	29.11	73.8	5.25	3.3	SR12	10/10/2019 15:51	29.15	82.3	5.86	2.5	SR12	10/10/2019 21:51	29.27	79.9	5.67	5.1
SR12	10/10/2019 3:56	29.12	73.2	5.20	1.6	SR12	10/10/2019 9:56	29.12	73.2	5.21	1.6	SR12	10/10/2019 15:56	29.14	81.8	5.82	2.1	SR12	10/10/2019 21:56	29.27	80.2	5.68	4.9
SR12	10/10/2019 4:01	29.11	73.3	5.23	1.5	SR12	10/10/2019 10:01	29.11	73.7	5.24	5.6	SR12	10/10/2019 16:01	29.13	81.1	5.77	2.1	SR12	10/10/2019 22:01	29.26	79.6	5.66	4.4
SR12	10/10/2019 4:06	29.11	72.7	5.17	2.4	SR12	10/10/2019 10:06	29.11	73.2	5.21	4.4	SR12	10/10/2019 16:06	29.13	81.2	5.77	2.4	SR12	10/10/2019 22:06	29.25	78.4	5.58	3.6
SR12	10/10/2019 4:11	29.10	72.6	5.17	1.8	SR12	10/10/2019 10:11	29.11	73.6	5.24	2.8	SR12	10/10/2019 16:11	29.13	81.2	5.79	3.7	SR12	10/10/2019 22:11	29.27	78.4	5.56	4.9
SR12	10/10/2019 4:16	29.10	72.5	5.16	1.7	SR12	10/10/2019 10:16	29.12	73.9	5.27	1.5	SR12	10/10/2019 16:16	29.13	80.5	5.72	1.9	SR12	10/10/2019 22:16	29.27	75.7	5.39	3.4
SR12	10/10/2019 4:21	29.10	71.3	5.08	1.7	SR12	10/10/2019 10:21	29.14	74.8	5.33	1.2	SR12	10/10/2019 16:21	29.13	81.0	5.76	2.3	SR12	10/10/2019 22:21	29.26	76.8	5.45	4.2
SR12	10/10/2019 4:26	29.11	72.4	5.15	1.1	SR12	10/10/2019 10:26	29.15	74.4	5.29	3.2	SR12	10/10/2019 16:26	29.13	80.8	5.75	1.1	SR12	10/10/2019 22:26	29.26	77.2	5.49	6.2
SR12	10/10/2019 4:31	29.09	71.4	5.08	1.6	SR12	10/10/2019 10:31	29.15	74.2	5.28	2.4	SR12	10/10/2019 16:31	29.13	80.4	5.72	1.9	SR12	10/10/2019 22:31	29.27	75.5	5.36	4.3
SR12	10/10/2019 4:36	29.11	72.6	5.17	1.2	SR12	10/10/2019 10:36	29.15	74.5	5.30	3.8	SR12	10/10/2019 16:36	29.14	80.3	5.71	2.1	SR12	10/10/2019 22:36	29.28	75.9	5.40	4.5
SR12	10/10/2019 4:41	29.11	71.8	5.11	1.1	SR12	10/10/2019 10:41	29.15	74.6	5.32	2.8	SR12	10/10/2019 16:41	29.13	79.7	5.67	2.2	SR12	10/10/2019 22:41	29.28	76.7	5.44	4.8
SR12	10/10/2019 4:46	29.11	72.0	5.12	1.9	SR12	10/10/2019 10:46	29.14	75.2	5.36	3.8	SR12	10/10/2019 16:46	29.13	79.1	5.63	2.6	SR12	10/10/2019 22:46	29.28	75.9	5.39	5.8
SR12	10/10/2019 4:51	29.11	72.6	5.17	1.5	SR12	10/10/2019 10:51	29.15	76.2	5.42	3.9	SR12	10/10/2019 16:51	29.26	75.5	5.36	4.7	SR12	10/10/2019 22:51	29.28	76.0	5.39	5.7
SR12	10/10/2019 4:56	29.10	73.2	5.20	1.5	SR12	10/10/2019 10:56	29.14	76.1	5.41	4.6	SR12	10/10/2019 16:56	29.26	74.5	5.29	4.6	SR12	10/10/2019 22:56	29.29	75.5	5.36	8.1
SR12	10/10/2019 5:01	29.11	72.4	5.15	1.8	SR12	10/10/2019 11:01	29.14	75.4	5.37	4.4	SR12	10/10/2019 17:01	29.27	75.4	5.35	5.0	SR12	10/10/2019 23:01	29.29	76.8	5.45	6.5
SR12	10/10/2019 5:06	29.10	71.8	5.11	1.5	SR12	10/10/2019 11:06	29.14	76.7	5.46	4.1	SR12	10/10/2019 17:06	29.30	76.7	5.45	4.4	SR12	10/10/2019 23:06	29.29	73.4	5.22	4.5
SR12	10/10/2019 5:11	29.10	72.1	5.14	1.5	SR12	10/10/2019 11:11	29.13	77.8	5.54	3.4	SR12	10/10/2019 17:11	29.29	74.0	5.26	3.7	SR12	10/10/2019 23:11	29.29	75.5	5.38	4.7
SR12	10/10/2019 5:16	29.10	71.3	5.07	1.6	SR12	10/10/2019 11:16	29.14	78.0	5.55	3.5	SR12	10/10/2019 17:16	29.26	76.0	5.40	4.3	SR12	10/10/2019 23:16	29.28	76.3	5.42	6.0
SR12	10/10/2019 5:21	29.10	71.0	5.06	1.6	SR12	10/10/2019 11:21	29.14	78.2	5.58	4.1	SR12	10/10/2019 17:21	29.28	69.2	4.95	2.9	SR12	10/10/2019 23:21	29.28	75.7	5.38	6.1
SR12	10/10/2019 5:26	29.10	71.3	5.07	1.1	SR12	10/10/2019 11:26	29.14	78.1	5.55	4.1	SR12	10/10/2019 17:26	29.28	70.2	5.00	3.2	SR12	10/10/2019 23:26	29.29	74.7	5.30	5.3
SR12	10/10/2019 5:31	29.10	72.2	5.14	1.5	SR12	10/10/2019 11:31	29.16	78.1	5.55	4.4	SR12	10/10/2019 17:31	29.30	62.6	4.50	3.4	SR12	10/10/2019 23:31	29.28	76.1	5.41	5.6
SR12	10/10/2019 5:36	29.11	71.4	5.08	1.3	SR12	10/10/2019 11:36	29.16	78.1	5.56	4.2	SR12	10/10/2019 17:36	29.30	66.0	4.73	4.4	SR12	10/10/2019 23:36	29.28	76.4	5.43	5.2
SR12	10/10/2019 5:41	29.10	70.7	5.03	1.5	SR12	10/10/2019 11:41	29.17	77.8	5.54	4.1	SR12	10/10/2019 17:41	29.29	74.4	5.29	5.4	SR12	10/10/2019 23:41	29.28	77.2	5.48	8.3
SR12	10/10/2019 5:46	29.10	69.7	4.97	1.8	SR12	10/10/2019 11:46	29.19	77.5	5.51	4.1	SR12	10/10/2019 17:46	29.30	77.2	5.48	5.4	SR12	10/10/2019 23:46	29.29	77.0	5.48	5.6
SR12	10/10/2019 5:51	29.10	70.7	5.03	2.1	SR12	10/10/2019 11:51	29.17	77.5	5.53	6.2	SR12	10/10/2019 17:51	29.32	75.9	5.38	4.2	SR12	10/10/2019 23:51	29.29	76.6	5.44	4.7
SR12	10/10/2019 5:56	29.09	70.1	4.99	1.3	SR12	10/10/2019 11:56	29.15	78.6	5.60	6.9	SR12	10/10/2019 17:56	29.33	76.1	5.40	5.3	SR12	10/10/2019 23:56	29.29	76.4	5.44	5.2

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	10/10/2019 0:00	29.49	76.1	5.49	3.9	SR13	10/10/2019 6:00	29.28	75.2	5.50	3.9	SR13	10/10/2019 12:00	29.37	72.1	5.29	2.5	SR13	10/10/2019 18:00	29.62	77.4	5.66	4.5
SR13	10/10/2019 0:05	29.54	74.7	5.43	3.9	SR13	10/10/2019 6:05	29.27	74.6	5.46	4.1	SR13	10/10/2019 12:05	29.36	71.4	5.23	3.2	SR13	10/10/2019 18:05	29.63	76.8	5.61	6.8
SR13	10/10/2019 0:10	29.48	76.9	5.56	4.6	SR13	10/10/2019 6:10	29.27	74.4	5.45	4.3	SR13	10/10/2019 12:10	29.34	72.0	5.28	3.3	SR13	10/10/2019 18:10	29.62	76.6	5.60	5.3
SR13	10/10/2019 0:15	29.50	76.8	5.55	3.9	SR13	10/10/2019 6:15	29.27	73.2	5.36	3.9	SR13	10/10/2019 12:15	29.33	71.0	5.21	5.5	SR13	10/10/2019 18:15	29.51	77.5	5.67	5.8
SR13	10/10/2019 0:20	29.56	72.7	5.28	3.3	SR13	10/10/2019 6:20	29.26	73.9	5.41	4.1	SR13	10/10/2019 12:20	29.34	71.6	5.25	3.7	SR13	10/10/2019 18:20	29.55	76.5	5.60	5.8
SR13	10/10/2019 0:25	29.45	76.1	5.54	4.8	SR13	10/10/2019 6:25	29.26	74.9	5.48	3.9	SR13	10/10/2019 12:25	29.36	71.0	5.20	3.2	SR13	10/10/2019 18:25	29.49	76.7	5.61	4.5
SR13	10/10/2019 0:30	29.45	77.1	5.60	4.6	SR13	10/10/2019 6:30	29.25	74.4	5.45	3.7	SR13	10/10/2019 12:30	29.35	71.5	5.25	2.9	SR13	10/10/2019 18:30	29.52	76.4	5.59	4.5
SR13	10/10/2019 0:35	29.45	77.0	5.61	5.0	SR13	10/10/2019 6:35	29.24	74.9	5.48	4.1	SR13	10/10/2019 12:35	29.36	72.4	5.31	3.8	SR13	10/10/2019 18:35	29.57	77.4	5.66	4.9
SR13	10/10/2019 0:40	29.50	77.1	5.57	4.6	SR13	10/10/2019 6:40	29.23	75.1	5.50	4.2	SR13	10/10/2019 12:40	29.29	72.3	5.30	4.1	SR13	10/10/2019 18:40	29.61	76.7	5.61	5.3
SR13	10/10/2019 0:45	29.51	72.3	5.27	5.2	SR13	10/10/2019 6:45	29.22	74.5	5.45	3.9	SR13	10/10/2019 12:45	29.35	72.2	5.30	4.5	SR13	10/10/2019 18:45	29.61	78.3	5.73	5.3
SR13	10/10/2019 0:50	29.54	72.5	5.27	4.3	SR13	10/10/2019 6:50	29.21	75.0	5.50	4.2	SR13	10/10/2019 12:50	29.36	72.0	5.28	3.3	SR13	10/10/2019 18:50	29.62	77.1	5.64	4.9
SR13	10/10/2019 0:55	29.55	73.8	5.39	4.5	SR13	10/10/2019 6:55	29.20	76.3	5.58	3.6	SR13	10/10/2019 12:55	29.37	71.9	5.28	10.5	SR13	10/10/2019 18:55	29.61	78.3	5.72	5.1
SR13	10/10/2019 1:00	29.55	72.7	5.29	5.9	SR13	10/10/2019 7:00	29.18	74.6	5.46	4.7	SR13	10/10/2019 13:00	29.40	71.9	5.26	4.2	SR13	10/10/2019 19:00	29.62	78.3	5.72	4.7
SR13	10/10/2019 1:05	29.51	71.6	5.23	4.6	SR13	10/10/2019 7:05	29.19	73.4	5.39	4.5	SR13	10/10/2019 13:05	29.37	70.9	5.21	4.0	SR13	10/10/2019 19:05	29.56	78.6	5.75	3.8
SR13	10/10/2019 1:10	29.51	71.6	5.23	4.4	SR13	10/10/2019 7:10	29.21	73.0	5.35	3.8	SR13	10/10/2019 13:10	29.39	71.6	5.27	4.5	SR13	10/10/2019 19:10	29.56	77.4	5.65	6.2
SR13	10/10/2019 1:15	29.59	70.7	5.15	4.6	SR13	10/10/2019 7:15	29.21	74.1	5.43	4.0	SR13	10/10/2019 13:15	29.41	72.5	5.32	4.2	SR13	10/10/2019 19:15	29.56	78.0	5.70	4.3
SR13	10/10/2019 1:20	29.58	70.1	5.12	4.8	SR13	10/10/2019 7:20	29.21	74.7	5.47	3.5	SR13	10/10/2019 13:20	29.42	73.3	5.38	4.4	SR13	10/10/2019 19:20	29.58	79.6	5.81	4.4
SR13	10/10/2019 1:25	29.60	73.6	5.37	4.5	SR13	10/10/2019 7:25	29.21	74.8	5.48	3.7	SR13	10/10/2019 13:25	29.43	73.0	5.35	3.8	SR13	10/10/2019 19:25	29.57	79.6	5.81	5.3
SR13	10/10/2019 1:30	29.62	71.9	5.26	4.4	SR13	10/10/2019 7:30	29.20	73.9	5.41	3.8	SR13	10/10/2019 13:30	29.44	73.4	5.39	3.5	SR13	10/10/2019 19:30	29.58	78.9	5.76	3.7
SR13	10/10/2019 1:35	29.57	68.4	5.00	3.9	SR13	10/10/2019 7:35	29.19	73.1	5.37	3.2	SR13	10/10/2019 13:35	29.44	73.4	5.38	2.7	SR13	10/10/2019 19:35	29.59	79.2	5.78	4.0
SR13	10/10/2019 1:40	29.58	68.7	5.05	4.9	SR13	10/10/2019 7:40	29.20	73.3	5.38	3.9	SR13	10/10/2019 13:40	29.45	73.9	5.41	4.7	SR13	10/10/2019 19:40	29.55	78.5	5.73	3.6
SR13	10/10/2019 1:45	29.60	70.0	5.13	4.7	SR13	10/10/2019 7:45	29.19	74.7	5.47	5.9	SR13	10/10/2019 13:45	29.46	73.9	5.40	4.2	SR13	10/10/2019 19:45	29.52	80.1	5.86	4.2
SR13	10/10/2019 1:50	29.54	78.3	5.67	3.9	SR13	10/10/2019 7:50	29.18	73.8	5.42	3.7	SR13	10/10/2019 13:50	29.47	74.4	5.45	3.2	SR13	10/10/2019 19:50	29.53	78.9	5.76	4.7
SR13	10/10/2019 1:55	29.57	73.7	5.36	3.9	SR13	10/10/2019 7:55	29.18	74.4	5.45	4.4	SR13	10/10/2019 13:55	29.48	74.3	5.44	4.4	SR13	10/10/2019 19:55	29.54	79.4	5.80	4.2
SR13	10/10/2019 2:00	29.57	74.2	5.38	4.0	SR13	10/10/2019 8:00	29.18	74.3	5.45	5.0	SR13	10/10/2019 14:00	29.49	73.4	5.37	5.0	SR13	10/10/2019 20:00	29.50	79.7	5.82	3.2
SR13	10/10/2019 2:05	29.49	74.6	5.41	4.6	SR13	10/10/2019 8:05	29.17	72.5	5.31	4.6	SR13	10/10/2019 14:05	29.50	75.3	5.51	5.6	SR13	10/10/2019 20:05	29.53	79.5	5.80	4.3
SR13	10/10/2019 2:10	29.55	71.7	5.22	4.3	SR13	10/10/2019 8:10	29.18	73.9	5.42	3.9	SR13	10/10/2019 14:10	29.52	73.9	5.40	6.4	SR13	10/10/2019 20:10	29.50	78.7	5.75	3.6
SR13	10/10/2019 2:15	29.54	77.8	5.92	3.4	SR13	10/10/2019 8:15	29.18	73.5	5.39	4.2	SR13	10/10/2019 14:15	29.53	75.4	5.51	4.4	SR13	10/10/2019 20:15	29.51	78.2	5.71	4.8
SR13	10/10/2019 2:20	29.51	76.3	5.51	4.2	SR13	10/10/2019 8:20	29.17	73.9	5.42	3.7	SR13	10/10/2019 14:20	29.58	75.6	5.54	3.3	SR13	10/10/2019 20:20	29.52	78.7	5.75	3.3
SR13	10/10/2019 2:25	29.49	75.9	5.50	3.5	SR13	10/10/2019 8:25	29.16	73.3	5.38	4.0	SR13	10/10/2019 14:25	29.59	74.5	5.45	4.4	SR13	10/10/2019 20:25	29.52	80.1	5.85	3.9
SR13	10/10/2019 2:30	29.49	78.3	5.67	3.2	SR13	10/10/2019 8:30	29.17	73.4	5.38	4.7	SR13	10/10/2019 14:30	29.55	71.8	5.28	3.9	SR13	10/10/2019 20:30	29.51	80.2	5.86	4.8
SR13	10/10/2019 2:35	29.47	77.0	5.59	3.8	SR13	10/10/2019 8:35	29.18	73.4	5.38	4.6	SR13	10/10/2019 14:35	29.55	71.3	5.24	2.7	SR13	10/10/2019 20:35	29.51	78.9	5.76	3.3
SR13	10/10/2019 2:40	29.48	75.4	5.47	4.1	SR13	10/10/2019 8:40	29.18	73.1	5.35	3.6	SR13	10/10/2019 14:40	29.56	72.0	5.28	3.8	SR13	10/10/2019 20:40	29.51	79.7	5.82	3.6
SR13	10/10/2019 2:45	29.47	75.0	5.49	3.6	SR13	10/10/2019 8:45	29.19	73.2	5.37	3.3	SR13	10/10/2019 14:45	29.56	72.2	5.30	4.0	SR13	10/10/2019 20:45	29.52	80.0	5.84	4.9
SR13	10/10/2019 2:50	29.50	71.5	5.25	3.6	SR13	10/10/2019 8:50	29.18	74.9	5.49	3.2	SR13	10/10/2019 14:50	29.58	72.3	5.30	4.0	SR13	10/10/2019 20:50	29.53	79.2	5.78	3.6
SR13	10/10/2019 2:55	29.49	71.8	5.26	4.3	SR13	10/10/2019 8:55	29.20	75.3	5.51	3.6	SR13	10/10/2019 14:55	29.59	72.8	5.34	3.3	SR13	10/10/2019 20:55	29.53	80.2	5.86	3.6
SR13	10/10/2019 3:00	29.47	74.7	5.45	3.8	SR13	10/10/2019 9:00	29.19	75.5	5.52	3.6	SR13	10/10/2019 15:00	29.61	73.3	5.38	3.7	SR13	10/10/2019 21:00	29.52	80.1	5.85	2.8
SR13	10/10/2019 3:05	29.47	76.3	5.57	4.2	SR13	10/10/2019 9:05	29.18	76.2	5.58	4.6	SR13	10/10/2019 15:05	29.63	75.2	5.50	3.6	SR13	10/10/2019 21:05	29.52	80.1	5.85	3.3
SR13	10/10/2019 3:10	29.40	76.4	5.58	3.4	SR13	10/10/2019 9:10	29.15	76.7	5.61	4.5	SR13	10/10/2019 15:10	29.69	74.5	5.45	3.5	SR13	10/10/2019 21:10	29.51	79.0	5.77	3.7
SR13	10/10/2019 3:15	29.45	73.1	5.35	4.2	SR13	10/10/2019 9:15	29.12	75.3	5.51	3.9	SR13	10/10/2019 15:15	29.74	74.1	5.43	3.7	SR13	10/10/2019 21:15	29.49	78.7	5.75	3.1
SR13	10/10/2019 3:20	29.45	74.5	5.45	3.9	SR13	10/10/2019 9:20	29.18	75.0	5.49	3.1	SR13	10/10/2019 15:20	29.76	74.9	5.48	4.5	SR13	10/10/2019 21:20	29.49	78.1	5.71	2.9
SR13	10/10/2019 3:25	29.44	75.8	5.55	4.0	SR13	10/10/2019 9:25	29.24	73.5	5.39	4.1	SR13	10/10/2019 15:25	29.74	75.7	5.54	4.6	SR13	10/10/2019 21:25	29.50	77.7	5.69	3.3
SR13	10/10/2019 3:30	29.41	76.8	5.61	4.2	SR13	10/10/2019 9:30	29.28	71.2	5.22	3.5	SR13	10/10/2019 15:30	29.73	74.5	5.45	4.0	SR13	10/10/2019 21:30	29.51	78.9	5.77	3.4
SR13	10/10/2019 3:35	29.41	77.4	5.65	6.7	SR13	10/10/2019 9:35	29.34	73.4	5.37	2.7	SR13	10/10/2019 15:35	29.71	75.4	5.52	3.8	SR13	10/10/2019 21:35	29.55	78.9	5.78	3.2
SR13	10/10/2019 3:40	29.40	76.8	5.60	4.8	SR13	10/10/2019 9:40	29.37	76.3	5.58	4.1	SR13	10/10/2019 15:40	29.71	74.7	5.47	3.9	SR13	10/10/2019 21:40	29.54	78.4	5.73	3.5
SR13	10/10/2019 3:45	29.38	78.5	5.74	4.5	SR13	10/10/2019 9:45	29.38	75.2	5.50	3.7	SR13	10/10/2019 15:45	29.75	74.7	5.47	3.4	SR13	10/10/2019 21:45	29.55	78.4	5.73	4.6
SR13	10/10/2019 3:50	29.37	78.0	5.69	3.6	SR13	10/10/2019 9:50	29.39	75.4	5.51	3.3	SR13	10/10/2019 15:50	29.76	74.3	5.44	4.0	SR13	10/10/2019 21:50	29.57	78.9	5.78	2.9
SR13	10/10/2019 3:55	29.35	77.7	5.67	3.7	SR13	10/10/2019 9:55	29.39	75.3	5.51	4.2	SR13	10/10/2019 15:55	29.72	75.0	5.49	4.3	SR13	10/10/2019 21:55	29.55	78.0	5.70	3.2
SR13	10/10/2019 4:00	29.36	77.2	5.64	3.6	SR13	10/10/2019 10:00	29.36	73.6	5.40	3.2	SR13	10/10/2019 16:00	29.72	75.1	5.51	4.6	SR13	10/10/2019 22:00	29.56	78.4	5.73	4.3
SR13	10/10/2019 4:05	29.36	77.0	5.63	4.0	SR13	10/10/2019 10:05	29.36	74.1	5.43	3.7	SR13	10/10/2019 16:05	29.72	74.5	5.46	3.8	SR13	10/10/2019 22:05	29.55	78.1	5.71	3.8
SR13	10/10/2019 4:10	29.35	78.0	5.71	3.5	SR13	10/10/2019 10:10	29.35	73.7	5.40	3.8	SR13	10/10/2019 16:10	29.68	74.9	5.49	4.3	SR13	10/10/2019 22:10	29.56	77.9	5.69	3.2
SR13	10/10/2019 4:15	29.38	77.1	5.64	3.9	SR13	10/10/2019 10:15	29.36	73.3	5.37	4.0	SR13	10/10/2019 16:15	29.75	75.6	5.54	3.6	SR13	10/10/2019 22:15	29.59	77.6	5.67	5.1
SR13	10/10/2019 4:20	29.37	76.7	5.60	4.3	SR13	10/10/2019 10:20	29.35	74.2	5.43	3.7	SR13	10/10/2019 16:20	29.79	74.9	5.48	4.5	SR13	10/10/2019 22:20	29.56	75.9	5.54	5.2
SR13	10/10/2019 4:25	29.36	76.4	5.59	3.8	SR13	10/10/2019 10:25	29.35	74.3	5.43	3.3	SR13	10/10/2019 16:25	29.79	75.9	5.56	5.0	SR13	10/10/2019 22:25	29.58	76.7	5.61	5.3
SR13	10/10/2019 4:30	29.34	76.4	5.58	4.0	SR13	10/10/2019 10:30	29.35	74.4	5.44	3.7	SR13	10/10/2019 16:30	29.76	74.9	5.48	4.1	SR13	10/10/2019 22:30	29.57	77.7	5.68	3.7
SR13	10/10/2019 4:35	29.34	77.3	5.65	3.3	SR13	10/10/2019 10:35	29.35	74.9	5.49	3.9	SR13	10/10/2019 16:35	29.77	75.6	5.54	3.9	SR13	10/10/2019 22:35	29.58	76.0	5.54	4.0
SR13	10/10/2019 4:40	29.34	76.8	5.61	4.8	SR13	10/10/2019 10:40	29.35	74.1	5.42	3.5	SR13	10/10/2019 16:40	29.78	75.4	5.52	4.5	SR13	10/10/2019 22:40	29.65	75.9	5.55	4.2
SR13	10/10/2019 4:45	29.33	76.3	5.58	4.1	SR13	10/10/2019 10:45	29.34	74.1	5.42	3.9	SR13	10/10/2019 16:45	29.73	75.0	5.49	3.8	SR13	10/10/2019 22:45	29.60	74.6	5.46	3.4
SR13	10/10/2019 4:50	29.33	76.2	5.57	4.0	SR13	10/10/2019 10:50	29.34	74.4	5.44	3.0	SR13	10/10/2019 16:50	29.66	75.4	5.51	4.3	SR13	10/10/2019 22:50	29.55	74.6	5.46	4.1
SR13	10/10/2019 4:55	29.33	76.5	5.59	4.1	SR13	10/10/2019 10:55	29.33	73.4	5.37	3.3	SR13	10/10/2019 16:55	29.66	74.2	5.44	4.2	SR13	10/10/2019 22:55	29.56	72.2	5.31	4.1
SR13	10/10/2019 5:00	29.33	77.0	5.62	4.4	SR13	10/10/2019 11:00	29.34	73.6	5.38	2.6	SR13	10/10/2019 17:00	29.73	74.2	5.44	3.5	SR13	10/10/2019 23:00	29.60	72.1	5.29	4.2
SR13	10/10/2019 5:05	29.34	77.1	5.65	4.6	SR13	10/10/2019 11:05	29.33	73.8	5.40	3.7	SR13	10/10/2019 17:05	29.73	74.1	5.42	4.3	SR13	10/10/2019 23:05	29.53	75.4	5.51	4.9
SR13	10/10/2019 5:10	29.32	76.1	5.57	3.6	SR13	10/10/2019 11:10	29.30	71.3	5.23	3.9	SR13	10/10/2019 17:10	29.75	75.5	5.53	4.6	SR13	10/10/2019 23:10	29.53	76.1	5.57	5.0
SR13	10/10/2019 5:15	29.28	76.3	5.58	4.3	SR13	10/10/2019 11:15	29.33	72.6	5.31	3.9	SR13	10/10/2019 17:15	29.71	74.4	5.46	4.7	SR13	10/10/2019 23:15	29.54	74.1	5.42	4.7
SR13	10/10/2019 5:20	29.28	76.6	5.60	3.9	SR13	10/10/2019 11:20	29.34	72.6	5.32	2.4	SR13	10/10/2019 17:20	29.74	74.7	5.47	5.3	SR13	10/10/2019 23:20	29.55	75.9	5.55	5.2
SR13	10/10/2019 5:25	29.30	76.3	5.58	3.9	SR13	10/10/2019 11:25	29.34	73.5	5.38	3.6	SR13	10/10/2019 17:25	29.82	74.6	5.47	8.9	SR13	10/10/2019 23:25	29.67	73.9	5.41	3.3
SR13	10/10/2019 5:30	29.30	76.7	5.61	3.6	SR13	10/10/2019 11:30	29.34	73.4	5.38	3.6	SR13	10/10/2019 17:30	29.82	74.9	5.49	5.9	SR13	10/10/2019 23:30	29.61	75.8	5.54	5.2
SR13	10/10/2019 5:35	29.29	76.6	5.60	3.5	SR13	10/10/2019 11:35	29.34	71.7	5.26	3.5	SR13	10/10/2019 17:35	29.80	75.6	5.53	4.9	SR13	10/10/2019 23:35	29.54	77.2	5.64	4.8
SR13	10/10/2019 5:40	29.29	76.1	5.56	3.6	SR13	10/10/2019 11:40	29.35	71.9	5.27	4.2	SR13	10/10/2019 17:40	29.80	76.6	5.61	4.4	SR13	10/10/2019 23:40	29.54	77.7	5.67	4.3
SR13	10/10/2019 5:45	29.29	76.0	5.56	4.1	SR13	10/10/2019 11:45	29.35	73.5	5.40	3.9	SR13	10/10/2019 17:45	29.78	76.6	5.61	4.6	SR13	10/10/2019 23:45	29.51	77.8	5.68	5.3
SR13	10/10/2019 5:50	29.29	75.5	5.53	4.1	SR13	10/10/2019 11:50	29.35	71.6	5.25	3.5	SR13	10/10/2019 17:50	29.73	76.6	5.60	5.4	SR13	10/10/2019 23:50	29.60	75.1	5.49	3.8
SR13	10/10/2019 5:55	29.28	75.5	5.52	4.3	SR13	10/10/2019 11:55	29.36	71.9	5.26	3.8	SR13	10/10/2019 17:55	29.69	75.6	5.52	4.7	SR13	10/10/2019 23:55	29.54	76.2	5.57	4.7

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	10/10/2019 0:17	0.17				SR12	10/10/2019 0:17	0.17			
SR4	10/10/2019 0:37	0.17				SR12	10/10/2019 0:37	0.17			
SR4	10/10/2019 0:57	0.16				SR12	10/10/2019 0:57	0.17			
SR4	10/10/2019 1:17	0.15				SR12	10/10/2019 1:17	0.17			
SR4	10/10/2019 1:37	0.16				SR12	10/10/2019 1:37	0.15			
SR4	10/10/2019 1:57	0.15				SR12	10/10/2019 1:57	0.17			
SR4	10/10/2019 2:17	0.16				SR12	10/10/2019 2:17	0.17			
SR4	10/10/2019 2:37	0.15				SR12	10/10/2019 2:37	0.16			
SR4	10/10/2019 2:57	0.15				SR12	10/10/2019 2:57	0.15			
SR4	10/10/2019 3:17	0.17				SR12	10/10/2019 3:17	0.17			
SR4	10/10/2019 3:37	0.17				SR12	10/10/2019 3:37	0.15			
SR4	10/10/2019 3:57	0.16				SR12	10/10/2019 3:57	0.15			
SR4	10/10/2019 4:17	0.16				SR12	10/10/2019 4:17	0.17			
SR4	10/10/2019 4:37	0.15				SR12	10/10/2019 4:37	0.15			
SR4	10/10/2019 4:57	0.17				SR12	10/10/2019 4:57	0.17			
SR4	10/10/2019 5:17	0.15				SR12	10/10/2019 5:17	0.16			
SR4	10/10/2019 5:37	0.17				SR12	10/10/2019 5:37	0.15			
SR4	10/10/2019 5:57	0.17				SR12	10/10/2019 5:57	0.16			
SR4						SR12					
SR4	10/10/2019 6:37	0.16				SR12	10/10/2019 6:37	0.15			
SR4	10/10/2019 6:57	0.17				SR12	10/10/2019 6:57	0.17			
SR4	10/10/2019 7:17	0.17				SR12	10/10/2019 7:17	0.16			
SR4	10/10/2019 7:37	0.15				SR12	10/10/2019 7:37	0.17			
SR4	10/10/2019 7:57	0.15				SR12	10/10/2019 7:57	0.17			
SR4	10/10/2019 8:17	0.17				SR12	10/10/2019 8:17	0.15			
SR4	10/10/2019 8:37	0.18				SR12	10/10/2019 8:37	0.16			
SR4	10/10/2019 8:57	0.17				SR12	10/10/2019 8:57	0.15			
SR4	10/10/2019 9:17	0.20				SR12	10/10/2019 9:17	0.17			
SR4	10/10/2019 9:37	0.17				SR12	10/10/2019 9:37	0.16			
SR4	10/10/2019 9:57	0.19				SR12	10/10/2019 9:57	0.15			
SR4	10/10/2019 10:17	0.20				SR12	10/10/2019 10:17	0.15			
SR4	10/10/2019 10:37	0.20				SR12	10/10/2019 10:37	0.16			
SR4	10/10/2019 10:57	0.18				SR12	10/10/2019 10:57	0.16			
SR4	10/10/2019 11:17	0.19				SR12	10/10/2019 11:17	0.15			
SR4	10/10/2019 11:37	0.18				SR12	10/10/2019 11:37	0.15			
SR4	10/10/2019 11:57	0.20				SR12	10/10/2019 11:57	0.16			
SR4	10/10/2019 12:17	0.19				SR12	10/10/2019 12:17	0.15			
SR4	10/10/2019 12:37	0.17				SR12	10/10/2019 12:37	0.16			
SR4	10/10/2019 12:57	0.18				SR12	10/10/2019 12:57	0.15			
SR4	10/10/2019 13:17	0.16				SR12	10/10/2019 13:17	0.16			
SR4	10/10/2019 13:37	0.16				SR12	10/10/2019 13:37	0.16			
SR4	10/10/2019 13:57	0.18				SR12	10/10/2019 13:57	0.17			
SR4	10/10/2019 14:17	0.18				SR12	10/10/2019 14:17	0.17			
SR4	10/10/2019 14:37	0.18				SR12	10/10/2019 14:37	0.16			
SR4	10/10/2019 14:57	0.17				SR12	10/10/2019 14:57	0.17			
SR4	10/10/2019 15:17	0.15				SR12	10/10/2019 15:17	0.17			
SR4	10/10/2019 15:37	0.17				SR12	10/10/2019 15:37	0.16			
SR4	10/10/2019 15:57	0.16				SR12	10/10/2019 15:57	0.15			
SR4	10/10/2019 16:17	0.16				SR12	10/10/2019 16:17	0.15			
SR4	10/10/2019 16:37	0.17				SR12	10/10/2019 16:37	0.15			
SR4	10/10/2019 16:57	0.17				SR12	10/10/2019 16:57	0.17			
SR4	10/10/2019 17:17	0.16				SR12	10/10/2019 17:17	0.15			
SR4	10/10/2019 17:37	0.17				SR12	10/10/2019 17:37	0.15			
SR4	10/10/2019 17:57	0.16				SR12	10/10/2019 17:57	0.16			
SR4	10/10/2019 18:17	0.17				SR12	10/10/2019 18:17	0.16			
SR4	10/10/2019 18:37	0.16				SR12	10/10/2019 18:37	0.16			
SR4	10/10/2019 18:57	0.17				SR12	10/10/2019 18:57	0.15			
SR4	10/10/2019 19:17	0.17				SR12	10/10/2019 19:17	0.17			
SR4	10/10/2019 19:37	0.16				SR12	10/10/2019 19:37	0.18			
SR4	10/10/2019 19:57	0.18				SR12	10/10/2019 19:57	0.20			
SR4	10/10/2019 20:17	0.17				SR12	10/10/2019 20:17	0.19			
SR4	10/10/2019 20:37	0.18				SR12	10/10/2019 20:37	0.20			
SR4	10/10/2019 20:57	0.20				SR12	10/10/2019 20:57	0.22			
SR4	10/10/2019 21:17	0.22				SR12	10/10/2019 21:17	0.24			
SR4	10/10/2019 21:37	0.20				SR12	10/10/2019 21:37	0.23			
SR4	10/10/2019 21:57	0.19				SR12	10/10/2019 21:57	0.25			
SR4	10/10/2019 22:17	0.22				SR12	10/10/2019 22:17	0.26			
SR4	10/10/2019 22:37	0.21				SR12	10/10/2019 22:37	0.23			
SR4	10/10/2019 22:57	0.20				SR12	10/10/2019 22:57	0.25			
SR4	10/10/2019 23:17	0.22				SR12	10/10/2019 23:17	0.26			
SR4	10/10/2019 23:37	0.19				SR12	10/10/2019 23:37	0.26			
SR4	10/10/2019 23:57	0.22				SR12	10/10/2019 23:57	0.27			

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 12:35-13:00.

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	10/11/2019 0:01	29.10	77.9	5.33	1.4	SR4	10/11/2019 6:01	29.01	76.1	5.21	2.6	SR4	10/11/2019 12:01	29.40	81.7	5.56	1.8	SR4	10/11/2019 18:01	29.27	89.9	6.13	4.6
SR4	10/11/2019 0:06	29.10	74.6	5.10	1.4	SR4	10/11/2019 6:06	29.00	76.6	5.24	3.5	SR4	10/11/2019 12:06	29.46	81.4	5.54	1.8	SR4	10/11/2019 18:06	29.28	88.0	6.00	4.7
SR4	10/11/2019 0:11	29.09	72.8	4.98	1.4	SR4	10/11/2019 6:11	29.00	77.7	5.32	2.9	SR4	10/11/2019 12:11	29.40	75.0	5.10	2.1	SR4	10/11/2019 18:11	29.29	89.8	6.13	4.5
SR4	10/11/2019 0:16	29.06	75.2	5.16	1.3	SR4	10/11/2019 6:16	29.01	78.7	5.39	3.4	SR4						SR4	10/11/2019 18:16	29.30	89.2	6.10	4.6
SR4	10/11/2019 0:21	29.06	76.6	5.24	1.6	SR4	10/11/2019 6:21	29.01	77.5	5.30	3.8	SR4						SR4	10/11/2019 18:21	29.29	87.4	5.96	8.9
SR4	10/11/2019 0:26	29.08	81.5	5.58	2.3	SR4	10/11/2019 6:26	29.01	74.9	5.12	2.4	SR4						SR4	10/11/2019 18:26	29.29	84.0	5.72	8.7
SR4	10/11/2019 0:31	29.08	81.4	5.58	2.8	SR4	10/11/2019 6:31	29.01	78.8	5.39	4.0	SR4						SR4	10/11/2019 18:31	29.27	85.3	5.82	**12.3**
SR4	10/11/2019 0:36	29.10	77.4	5.29	2.8	SR4	10/11/2019 6:36	29.00	76.5	5.23	2.8	SR4						SR4	10/11/2019 18:36	29.27	84.8	5.78	9.6
SR4	10/11/2019 0:41	29.08	81.1	5.54	3.2	SR4	10/11/2019 6:41	28.99	76.7	5.23	5.6	SR4						SR4	10/11/2019 18:41	29.26	84.2	5.75	**10.8**
SR4	10/11/2019 0:46	29.09	79.8	5.46	2.3	SR4	10/11/2019 6:46	29.01	74.4	5.09	3.7	SR4						SR4	10/11/2019 18:46	29.26	85.0	5.80	7.3
SR4	10/11/2019 0:51	29.10	76.1	5.21	1.3	SR4	10/11/2019 6:51	29.00	76.2	5.21	3.8	SR4						SR4	10/11/2019 18:51	29.26	85.1	5.81	7.7
SR4	10/11/2019 0:56	29.08	73.4	5.02	2.3	SR4	10/11/2019 6:56	29.00	78.4	5.35	4.3	SR4						SR4	10/11/2019 18:56	29.24	84.8	5.78	6.4
SR4	10/11/2019 1:01	29.08	71.2	4.87	1.1	SR4	10/11/2019 7:01	29.01	76.4	5.22	4.5	SR4						SR4	10/11/2019 19:01	29.25	83.4	5.69	8.1
SR4	10/11/2019 1:06	29.07	69.0	4.72	1.0	SR4	10/11/2019 7:06	29.02	77.5	5.29	8.6	SR4						SR4	10/11/2019 19:06	29.25	82.2	5.62	6.5
SR4	10/11/2019 1:11	29.06	69.9	4.79	1.1	SR4	10/11/2019 7:11	29.02	76.7	5.23	6.8	SR4						SR4	10/11/2019 19:11	29.24	84.3	5.75	9.4
SR4	10/11/2019 1:16	29.04	69.8	4.78	1.3	SR4	10/11/2019 7:16	29.02	76.0	5.18	4.9	SR4						SR4	10/11/2019 19:16	29.24	83.4	5.69	9.4
SR4	10/11/2019 1:21	29.06	66.0	4.52	1.3	SR4	10/11/2019 7:21	29.03	76.0	5.18	5.5	SR4	10/11/2019 13:21	29.24	83.1	5.66	4.9	SR4	10/11/2019 19:21	29.23	82.5	5.63	8.7
SR4	10/11/2019 1:26	29.07	69.6	4.76	1.7	SR4	10/11/2019 7:26	29.03	76.4	5.21	6.9	SR4	10/11/2019 13:26	29.29	80.8	5.51	4.6	SR4	10/11/2019 19:26	29.23	82.6	5.63	**11.9**
SR4	10/11/2019 1:31	29.06	69.5	4.75	1.4	SR4	10/11/2019 7:31	29.03	73.8	5.04	4.8	SR4	10/11/2019 13:31	29.35	80.3	5.47	3.7	SR4	10/11/2019 19:31	29.22	82.1	5.60	7.3
SR4	10/11/2019 1:36	29.09	65.1	4.45	0.7	SR4	10/11/2019 7:36	29.03	77.9	5.30	7.7	SR4	10/11/2019 13:36	29.26	81.1	5.53	4.9	SR4	10/11/2019 19:36	29.22	81.4	5.56	**15.2**
SR4	10/11/2019 1:41	29.08	75.4	5.16	2.7	SR4	10/11/2019 7:41	29.03	75.8	5.17	7.3	SR4	10/11/2019 13:41	29.68	75.9	5.15	5.9	SR4	10/11/2019 19:41	29.22	83.0	5.66	9.0
SR4	10/11/2019 1:46	29.09	70.2	4.79	1.8	SR4	10/11/2019 7:46	29.03	74.8	5.10	5.8	SR4	10/11/2019 13:46	29.50	75.3	5.12	2.8	SR4	10/11/2019 19:46	29.22	81.2	5.54	8.5
SR4	10/11/2019 1:51	29.03	68.0	4.66	1.3	SR4	10/11/2019 7:51	29.04	74.3	5.06	4.5	SR4	10/11/2019 13:51	29.29	82.3	5.62	5.5	SR4	10/11/2019 19:51	29.21	81.5	5.56	8.8
SR4	10/11/2019 1:56	29.04	66.7	4.56	0.9	SR4	10/11/2019 7:56	29.04	75.2	5.14	6.8	SR4	10/11/2019 13:56	29.29	83.0	5.65	6.0	SR4	10/11/2019 19:56	29.20	80.0	5.46	7.5
SR4	10/11/2019 2:01	29.08	74.8	5.11	2.4	SR4	10/11/2019 8:01	29.04	75.6	5.16	6.7	SR4	10/11/2019 14:01	29.32	84.1	5.72	4.7	SR4	10/11/2019 20:01	29.21	77.3	5.27	6.4
SR4	10/11/2019 2:06	29.10	79.4	5.41	5.6	SR4	10/11/2019 8:06	29.03	76.0	5.18	5.7	SR4	10/11/2019 14:06	29.33	84.9	5.77	4.8	SR4	10/11/2019 20:06	29.19	80.6	5.48	**18.6**
SR4	10/11/2019 2:11	29.08	77.9	5.32	2.8	SR4	10/11/2019 8:11	29.04	76.0	5.18	6.3	SR4	10/11/2019 14:11	29.33	84.1	5.72	5.4	SR4	10/11/2019 20:11	29.19	79.6	5.42	8.5
SR4	10/11/2019 2:16	29.08	76.2	5.22	2.8	SR4	10/11/2019 8:16	29.06	75.2	5.14	3.8	SR4	10/11/2019 14:16	29.33	87.6	5.95	5.8	SR4	10/11/2019 20:16	29.19	78.3	5.34	9.5
SR4	10/11/2019 2:21	29.10	77.9	5.32	2.7	SR4	10/11/2019 8:21	29.04	79.7	5.45	4.4	SR4	10/11/2019 14:21	29.33	87.2	5.93	4.8	SR4	10/11/2019 20:21	29.19	79.2	5.40	8.5
SR4	10/11/2019 2:26	29.10	76.8	5.24	4.0	SR4	10/11/2019 8:26	29.04	80.5	5.51	3.8	SR4	10/11/2019 14:26	29.38	88.2	6.00	4.4	SR4	10/11/2019 20:26	29.16	79.7	5.42	9.6
SR4	10/11/2019 2:31	29.10	76.6	5.23	2.4	SR4	10/11/2019 8:31	29.04	79.6	5.44	3.8	SR4	10/11/2019 14:31	29.37	90.5	6.14	4.3	SR4	10/11/2019 20:31	29.17	80.3	5.47	9.7
SR4	10/11/2019 2:36	29.08	76.0	5.20	2.0	SR4	10/11/2019 8:36	29.03	81.9	5.60	4.3	SR4	10/11/2019 14:36	29.36	91.1	6.19	4.4	SR4	10/11/2019 20:36	29.20	88.0	6.00	4.7
SR4	10/11/2019 2:41	29.10	77.5	5.29	3.1	SR4	10/11/2019 8:41	29.04	82.5	5.64	3.7	SR4	10/11/2019 14:41	29.38	90.0	6.12	4.8	SR4	10/11/2019 20:41	29.20	84.8	5.78	5.6
SR4	10/11/2019 2:46	29.08	71.9	4.91	2.4	SR4	10/11/2019 8:46	29.03	82.3	5.63	3.9	SR4	10/11/2019 14:46	29.37	92.7	6.31	4.8	SR4	10/11/2019 20:46	29.20	84.2	5.75	5.6
SR4	10/11/2019 2:51	29.10	75.8	5.17	3.7	SR4	10/11/2019 8:51	29.04	79.8	5.46	4.2	SR4	10/11/2019 14:51	29.39	93.3	6.35	4.2	SR4	10/11/2019 20:51	29.20	80.2	5.47	4.3
SR4	10/11/2019 2:56	29.10	77.4	5.28	5.3	SR4	10/11/2019 8:56	29.04	80.6	5.51	4.7	SR4	10/11/2019 14:56	29.39	94.5	6.44	3.5	SR4	10/11/2019 20:56	29.20	86.5	5.92	3.9
SR4	10/11/2019 3:01	29.10	77.5	5.28	4.5	SR4	10/11/2019 9:01	29.04	81.4	5.57	5.2	SR4	10/11/2019 15:01	29.39	95.0	6.47	3.6	SR4	10/11/2019 21:01	29.20	84.9	5.80	3.1
SR4	10/11/2019 3:06	29.10	76.4	5.21	3.5	SR4	10/11/2019 9:06	29.05	82.1	5.60	3.7	SR4	10/11/2019 15:06	29.38	95.5	6.50	4.1	SR4	10/11/2019 21:06	29.20	84.1	5.75	3.4
SR4	10/11/2019 3:11	29.09	78.2	5.33	4.8	SR4	10/11/2019 9:11	29.09	82.8	5.66	3.2	SR4	10/11/2019 15:11	29.39	95.9	6.54	3.4	SR4	10/11/2019 21:11	29.21	86.0	5.88	2.9
SR4	10/11/2019 3:16	29.09	75.3	5.14	4.2	SR4	10/11/2019 9:16	29.08	81.5	5.57	3.7	SR4	10/11/2019 15:16	29.39	96.8	6.60	3.5	SR4	10/11/2019 21:16	29.20	88.0	6.01	3.7
SR4	10/11/2019 3:21	29.09	79.0	5.39	3.4	SR4	10/11/2019 9:21	29.11	83.6	5.71	3.2	SR4	10/11/2019 15:21	29.39	98.3	6.71	4.0	SR4	10/11/2019 21:21	29.21	86.3	5.90	3.9
SR4	10/11/2019 3:26	29.00	72.8	4.98	2.1	SR4	10/11/2019 9:26	29.07	81.9	5.60	3.9	SR4	10/11/2019 15:26	29.40	98.0	6.70	3.3	SR4	10/11/2019 21:26	29.21	87.5	5.99	3.1
SR4	10/11/2019 3:31	29.04	77.7	5.30	3.0	SR4	10/11/2019 9:31	29.08	82.8	5.65	3.5	SR4	10/11/2019 15:31	29.41	98.7	6.74	2.9	SR4	10/11/2019 21:31	29.18	89.7	6.14	3.3
SR4	10/11/2019 3:36	29.05	77.7	5.32	3.3	SR4	10/11/2019 9:36	29.09	83.3	5.69	3.4	SR4	10/11/2019 15:36	29.41	99.2	6.78	2.3	SR4	10/11/2019 21:36	29.17	92.0	6.30	3.7
SR4	10/11/2019 3:41	29.04	76.1	5.21	3.2	SR4	10/11/2019 9:41	29.10	82.7	5.65	2.9	SR4	10/11/2019 15:41	29.41	100.5	6.86	2.9	SR4	10/11/2019 21:41	29.17	91.2	6.24	4.3
SR4	10/11/2019 3:46	29.07	76.5	5.23	3.2	SR4	10/11/2019 9:46	29.08	81.1	5.54	3.4	SR4	10/11/2019 15:46	29.40	102.2	6.98	3.1	SR4	10/11/2019 21:46	29.18	90.3	6.18	3.2
SR4	10/11/2019 3:51	29.08	77.1	5.27	3.6	SR4	10/11/2019 9:51	29.11	81.8	5.58	2.8	SR4	10/11/2019 15:51	29.44	101.8	6.95	3.2	SR4	10/11/2019 21:51	29.18	89.5	6.13	2.8
SR4	10/11/2019 3:56	29.07	78.9	5.40	3.9	SR4	10/11/2019 9:56	29.08	83.0	5.68	4.5	SR4	10/11/2019 15:56	29.45	102.7	7.01	4.2	SR4	10/11/2019 21:56	29.14	89.2	6.11	2.6
SR4	10/11/2019 4:01	29.06	77.5	5.30	3.8	SR4	10/11/2019 10:01	29.08	82.2	5.62	3.8	SR4	10/11/2019 16:01	29.44	102.9	7.03	3.2	SR4	10/11/2019 22:01	29.19	89.1	6.11	2.6
SR4	10/11/2019 4:06	29.04	76.1	5.21	3.1	SR4	10/11/2019 10:06	29.24	83.6	5.70	2.1	SR4	10/11/2019 16:06	29.43	103.7	7.08	3.0	SR4	10/11/2019 22:06	29.21	89.5	6.12	3.5
SR4	10/11/2019 4:11	29.04	75.7	5.18	3.1	SR4	10/11/2019 10:11	29.14	82.1	5.62	6.9	SR4	10/11/2019 16:11	29.44	104.1	7.10	3.7	SR4	10/11/2019 22:11	29.22	88.0	6.01	3.7
SR4	10/11/2019 4:16	29.05	75.6	5.16	3.2	SR4	10/11/2019 10:16	29.15	81.1	5.53	4.6	SR4	10/11/2019 16:16	29.42	106.5	7.28	3.6	SR4	10/11/2019 22:16	29.22	88.1	6.02	4.0
SR4	10/11/2019 4:21	29.05	76.0	5.20	**12.3**	SR4	10/11/2019 10:21	29.08	80.3	5.48	5.4	SR4	10/11/2019 16:21	29.48	105.0	7.18	3.4	SR4	10/11/2019 22:21	29.22	83.7	5.72	3.6
SR4	10/11/2019 4:26	29.07	80.0	5.47	4.8	SR4	10/11/2019 10:26	29.11	81.7	5.58	4.0	SR4	10/11/2019 16:26	29.50	101.2	6.91	4.7	SR4	10/11/2019 22:26	29.20	80.8	5.53	2.8
SR4	10/11/2019 4:31	29.07	79.0	5.39	4.8	SR4	10/11/2019 10:31	29.15	81.5	5.57	4.7	SR4	10/11/2019 16:31	29.48	103.6	7.08	8.2	SR4	10/11/2019 22:31	29.21	79.6	5.44	2.5
SR4	10/11/2019 4:36	29.07	78.1	5.34	4.7	SR4	10/11/2019 10:36	29.20	82.2	5.62	3.6	SR4	10/11/2019 16:36	29.46	103.5	7.07	5.7	SR4	10/11/2019 22:36	29.21	80.7	5.52	2.7
SR4	10/11/2019 4:41	29.06	76.8	5.26	4.1	SR4	10/11/2019 10:41	29.30	78.0	5.32	2.5	SR4	10/11/2019 16:41	29.47	102.7	7.02	5.4	SR4	10/11/2019 22:41	29.21	77.3	5.28	1.8
SR4	10/11/2019 4:46	29.05	77.4	5.28	3.8	SR4	10/11/2019 10:46	29.22	80.7	5.51	4.7	SR4	10/11/2019 16:46	29.47	104.7	7.15	5.3	SR4	10/11/2019 22:46	29.20	76.9	5.26	1.8
SR4	10/11/2019 4:51	29.05	78.2	5.33	3.7	SR4	10/11/2019 10:51	29.29	82.0	5.59	3.9	SR4	10/11/2019 16:51	29.47	103.8	7.09	6.5	SR4	10/11/2019 22:51	29.10	84.9	5.82	2.8
SR4	10/11/2019 4:56	29.03	78.2	5.34	3.4	SR4	10/11/2019 10:56	29.25	80.7	5.51	4.3	SR4	10/11/2019 16:56	29.46	103.3	7.04	6.0	SR4	10/11/2019 22:56	29.15	86.6	5.93	2.9
SR4	10/11/2019 5:01	29.03	78.9	5.39	3.1	SR4	10/11/2019 11:01	29.34	79.9	5.46	3.7	SR4	10/11/2019 17:01	29.50	101.4	6.92	5.1	SR4	10/11/2019 23:01	29.17	86.3	5.90	3.0
SR4	10/11/2019 5:06	29.03	78.8	5.38	3.2	SR4	10/11/2019 11:06	29.36	79.8	5.45	2.6	SR4	10/11/2019 17:06	29.33	96.8	6.61	9.8	SR4	10/11/2019 23:06	29.17	86.7	5.94	4.0
SR4	10/11/2019 5:11	29.03	75.9	5.18	2.9	SR4	10/11/2019 11:11	29.29	80.0	5.46	3.9	SR4	10/11/2019 17:11	29.33	97.3	6.65	6.7	SR4	10/11/2019 23:11	29.17	85.0	5.83	2.8
SR4	10/11/2019 5:16	29.03	73.9	5.05	2.2	SR4	10/11/2019 11:16	29.25	82.7	5.64	8.8	SR4	10/11/2019 17:16	29.31	95.5	6.52	5.9	SR4	10/11/2019 23:16	29.16	88.0	6.02	3.0
SR4	10/11/2019 5:21	29.02	80.3	5.48	3.5	SR4	10/11/2019 11:21	29.28	81.4	5.56	3.5	SR4	10/11/2019 17:21	29.31	93.8	6.41	6.0	SR4	10/11/2019 23:21	29.16	88.4	6.07	2.7
SR4	10/11/2019 5:26	29.02	79.4	5.41	2.6	SR4	10/11/2019 11:26	29.34	80.7	5.50	2.5	SR4	10/11/2019 17:26	29.30	94.1	6.42	7.5	SR4	10/11/2019 23:26	29.16	88.2	6.05	2.6
SR4	10/11/2019 5:31	29.02	79.2	5.41	3.2	SR4	10/11/2019 11:31	29.42	83.1	5.66	2.9	SR4	10/11/2019 17:31	29.31	94.5	6.46	5.3	SR4	10/11/2019 23:31	29.16	87.6	6.01	2.7
SR4	10/11/2019 5:36	29.01	77.5	5.30	2.4	SR4	10/11/2019 11:36	29.45	82.8	5.64	2.6	SR4	10/11/2019 17:36	29.28	91.1	6.22	7.6	SR4	10/11/2019 23:36	29.16	87.4	6.00	2.6
SR4	10/11/2019 5:41	29.02	79.1	5.41	3.6	SR4	10/11/2019 11:41	29.40	77.7	5.29	1.9	SR4	10/11/2019 17:41	29.28	90.2	6.16	6.2	SR4	10/11/2019 23:41	29.15	87.7	6.01	2.2
SR4	10/11/2019 5:46	29.00	77.2	5.28	2.7	SR4	10/11/2019 11:46	29.44	81.4	5.54	1.4	SR4	10/11/2019 17:46	29.29	87.7	5.99	5.8	SR4	10/11/2019 23:46	29.17	86.9	5.96	2.9
SR4	10/11/2019 5:51	29.01	78.1	5.34	3.5	SR4	10/11/2019 11:51	29.25	78.8	5.38	3.2	SR4	10/11/2019 17:51	29.29	87.1	5.94	5.7	SR4	10/11/2019 23:51	29.18	85.9	5.89	2.7
SR4	10/11/2019 5:56	29.01	77.9	5.32	3.1	SR4	10/11/2019 11:56	29.26	82.5	5.63	3.1	SR4	10/11/2019 17:56	29.26	91.2	6.23	6.5	SR4	10/11/2019 23:56	29.20	85.3	5.84	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)
SR5	10/11/2019 0:00	29.11	80.3	5.61	5.8	SR5	10/11/2019 6:00	29.09	78.4	5.48	5.2	SR5	10/11/2019 12:00	29.37	87.6	5.60	5.0	SR5	10/11/2019 18:00	29.40	95.8	6.15	7.2
SR5	10/11/2019 0:05	29.13	80.7	5.63	5.8	SR5	10/11/2019 6:05	29.09	76.8	5.36	4.8	SR5	10/11/2019 12:05	29.34	87.7	5.60	5.5	SR5	10/11/2019 18:05	29.35	91.1	5.84	5.7
SR5	10/11/2019 0:10	29.13	82.1	5.74	5.9	SR5	10/11/2019 6:10	29.09	79.9	5.60	6.0	SR5	10/11/2019 12:10	29.36	87.0	5.56	5.5	SR5	10/11/2019 18:10	29.28	86.6	5.54	4.3
SR5	10/11/2019 0:15	29.10	80.3	5.60	5.7	SR5	10/11/2019 6:15	29.09	77.9	5.44	5.5	SR5	10/11/2019 12:15	29.36	87.2	5.57	5.6	SR5	10/11/2019 18:15	29.35	90.3	5.79	5.1
SR5	10/11/2019 0:20	29.12	78.9	5.50	6.0	SR5	10/11/2019 6:20	29.09	79.4	5.55	5.9	SR5	10/11/2019 12:20	29.34	89.8	5.75	4.5	SR5	10/11/2019 18:20	29.29	86.3	5.52	5.8
SR5	10/11/2019 0:25	29.09	81.5	5.69	5.7	SR5	10/11/2019 6:25	29.08	77.3	5.40	5.1	SR5	10/11/2019 12:25	29.30	90.5	5.80	5.5	SR5	10/11/2019 18:25	29.28	85.7	5.48	5.2
SR5	10/11/2019 0:30	29.06	80.1	5.59	6.0	SR5	10/11/2019 6:30	29.08	76.3	5.32	5.8	SR5	10/11/2019 12:30	29.33	93.1	5.97	5.9	SR5	10/11/2019 18:30	29.27	85.0	5.43	4.4
SR5	10/11/2019 0:35	29.08	83.3	5.82	7.7	SR5	10/11/2019 6:35	29.09	77.2	5.39	5.6	SR5	10/11/2019 12:35	29.32	93.5	5.99	4.5	SR5	10/11/2019 18:35	29.26	83.6	5.34	4.7
SR5	10/11/2019 0:40	29.08	81.2	5.67	6.1	SR5	10/11/2019 6:40	29.08	79.5	5.57	5.7	SR5	10/11/2019 12:40	29.32	96.0	6.17	5.8	SR5	10/11/2019 18:40	29.24	83.3	5.32	4.4
SR5	10/11/2019 0:45	29.08	79.8	5.57	6.5	SR5	10/11/2019 6:45	29.08	77.6	5.42	6.5	SR5	10/11/2019 12:45	29.30	95.6	6.14	5.2	SR5	10/11/2019 18:45	29.24	82.4	5.26	4.8
SR5	10/11/2019 0:50	29.07	80.0	5.58	6.5	SR5	10/11/2019 6:50	29.07	77.1	5.38	5.3	SR5	10/11/2019 12:50	29.31	95.1	6.11	5.8	SR5	10/11/2019 18:50	29.23	80.3	5.59	4.9
SR5	10/11/2019 0:55	29.09	81.7	5.23	6.8	SR5	10/11/2019 6:55	29.07	79.2	5.54	5.6	SR5	10/11/2019 12:55	29.43	99.9	6.41	5.5	SR5	10/11/2019 18:55	29.22	80.3	5.59	5.6
SR5	10/11/2019 1:00	29.08	82.2	5.27	6.6	SR5	10/11/2019 7:00	29.06	79.5	5.57	5.7	SR5	10/11/2019 13:00	29.37	97.0	6.23	5.9	SR5	10/11/2019 19:00	29.22	80.6	5.62	4.8
SR5	10/11/2019 1:05	29.07	82.1	5.26	5.5	SR5	10/11/2019 7:05	29.06	78.4	5.49	5.3	SR5	10/11/2019 13:05	29.39	98.3	6.31	5.2	SR5	10/11/2019 19:05	29.22	80.2	5.58	5.8
SR5	10/11/2019 1:10	29.04	82.3	5.28	6.7	SR5	10/11/2019 7:10	29.05	77.0	5.38	5.9	SR5	10/11/2019 13:10	29.39	98.1	6.29	5.2	SR5	10/11/2019 19:10	29.22	81.1	5.65	4.5
SR5	10/11/2019 1:15	28.99	82.7	5.32	7.1	SR5	10/11/2019 7:15	29.06	79.4	5.56	6.3	SR5	10/11/2019 13:15	29.40	98.5	6.32	5.6	SR5	10/11/2019 19:15	29.21	79.2	5.51	5.2
SR5	10/11/2019 1:20	29.00	82.7	5.32	6.5	SR5	10/11/2019 7:20	29.05	77.6	5.42	5.5	SR5	10/11/2019 13:20	29.42	99.7	6.40	5.7	SR5	10/11/2019 19:20	29.21	79.5	5.53	5.3
SR5	10/11/2019 1:25	29.03	82.6	5.30	5.5	SR5	10/11/2019 7:25	29.06	77.8	5.44	6.5	SR5	10/11/2019 13:25	29.42	100.9	6.47	6.0	SR5	10/11/2019 19:25	29.22	78.0	5.43	5.1
SR5	10/11/2019 1:30	29.12	82.3	5.27	5.8	SR5	10/11/2019 7:30	29.07	78.6	5.50	6.1	SR5	10/11/2019 13:30	29.42	100.9	6.48	4.2	SR5	10/11/2019 19:30	29.21	80.4	5.61	5.6
SR5	10/11/2019 1:35	29.12	81.9	5.24	6.7	SR5	10/11/2019 7:35	29.06	77.6	5.42	6.5	SR5	10/11/2019 13:35	29.42	102.7	6.60	6.4	SR5	10/11/2019 19:35	29.20	77.5	5.38	4.7
SR5	10/11/2019 1:40	29.10	82.2	5.27	5.9	SR5	10/11/2019 7:40	29.06	77.6	5.42	5.7	SR5	10/11/2019 13:40	29.41	102.3	6.57	6.8	SR5	10/11/2019 19:40	29.20	79.1	5.51	6.4
SR5	10/11/2019 1:45	29.08	81.9	5.25	6.7	SR5	10/11/2019 7:45	29.06	76.5	5.33	5.7	SR5	10/11/2019 13:45	29.43	104.2	6.70	6.5	SR5	10/11/2019 19:45	29.19	77.6	5.39	4.4
SR5	10/11/2019 1:50	29.09	82.4	5.28	8.0	SR5	10/11/2019 7:50	29.06	77.4	5.40	5.7	SR5	10/11/2019 13:50	29.44	103.8	6.67	5.2	SR5	10/11/2019 19:50	29.18	80.2	5.59	5.0
SR5	10/11/2019 1:55	29.10	82.3	5.28	5.9	SR5	10/11/2019 7:55	29.07	77.3	5.40	5.9	SR5	10/11/2019 13:55	29.45	103.7	6.66	5.1	SR5	10/11/2019 19:55	29.17	79.3	5.52	5.5
SR5	10/11/2019 2:00	29.12	82.3	5.28	5.7	SR5	10/11/2019 8:00	29.06	79.2	5.55	6.5	SR5	10/11/2019 14:00	29.46	103.7	6.66	5.3	SR5	10/11/2019 20:00	29.17	79.2	5.52	4.8
SR5	10/11/2019 2:05	29.10	82.0	5.26	6.0	SR5	10/11/2019 8:05	29.06	78.3	5.48	5.6	SR5	10/11/2019 14:05	29.45	102.6	6.59	5.7	SR5	10/11/2019 20:05	29.16	79.7	5.55	5.0
SR5	10/11/2019 2:10	29.19	82.2	5.27	6.6	SR5	10/11/2019 8:10	29.05	77.6	5.42	5.8	SR5	10/11/2019 14:10	29.45	102.2	6.56	5.0	SR5	10/11/2019 20:10	29.15	81.1	5.66	4.8
SR5	10/11/2019 2:15	29.17	82.0	5.26	5.0	SR5	10/11/2019 8:15	29.05	80.2	5.62	7.3	SR5	10/11/2019 14:15	29.46	102.7	6.59	4.8	SR5	10/11/2019 20:15	29.15	81.9	5.72	4.4
SR5	10/11/2019 2:20	29.10	82.8	5.31	6.5	SR5	10/11/2019 8:20	29.05	80.2	5.62	8.3	SR5	10/11/2019 14:20	29.47	103.0	6.61	4.7	SR5	10/11/2019 20:20	29.14	81.5	5.69	5.3
SR5	10/11/2019 2:25	29.06	82.7	5.31	5.1	SR5	10/11/2019 8:25	29.05	79.5	5.57	5.8	SR5	10/11/2019 14:25	29.49	101.8	6.53	5.1	SR5	10/11/2019 20:25	29.14	81.6	5.69	5.4
SR5	10/11/2019 2:30	29.07	82.4	5.29	5.3	SR5	10/11/2019 8:30	29.04	79.4	5.56	5.8	SR5	10/11/2019 14:30	29.53	105.5	6.77	4.9	SR5	10/11/2019 20:30	29.14	78.7	5.48	4.8
SR5	10/11/2019 2:35	29.05	82.7	5.31	6.3	SR5	10/11/2019 8:35	29.06	77.0	5.39	5.0	SR5	10/11/2019 14:35	29.53	104.8	6.73	6.2	SR5	10/11/2019 20:35	29.13	80.8	5.64	4.6
SR5	10/11/2019 2:40	29.04	82.9	5.33	5.6	SR5	10/11/2019 8:40	29.06	75.1	5.24	5.7	SR5	10/11/2019 14:40	29.53	104.6	6.71	5.2	SR5	10/11/2019 20:40	29.13	80.1	5.59	6.3
SR5	10/11/2019 2:45	29.04	82.5	5.31	6.6	SR5	10/11/2019 8:45	29.06	75.3	5.26	6.2	SR5	10/11/2019 14:45	29.50	103.9	6.68	5.2	SR5	10/11/2019 20:45	29.13	80.0	5.58	3.8
SR5	10/11/2019 2:50	29.04	82.8	5.32	6.0	SR5	10/11/2019 8:50	29.05	77.6	5.43	5.2	SR5	10/11/2019 14:50	29.53	106.4	6.84	4.4	SR5	10/11/2019 20:50	29.13	79.0	5.50	4.0
SR5	10/11/2019 2:55	29.06	83.0	5.33	5.3	SR5	10/11/2019 8:55	29.05	78.7	5.49	6.0	SR5	10/11/2019 14:55	29.53	107.6	6.91	5.3	SR5	10/11/2019 20:55	29.13	77.7	5.41	3.9
SR5	10/11/2019 3:00	29.01	83.2	5.35	6.4	SR5	10/11/2019 9:00	29.06	79.7	5.57	5.9	SR5	10/11/2019 15:00	29.53	108.1	6.94	6.2	SR5	10/11/2019 21:00	29.13	81.5	5.69	6.6
SR5	10/11/2019 3:05	29.05	86.1	5.55	6.4	SR5	10/11/2019 9:05	29.06	79.3	5.54	6.5	SR5	10/11/2019 15:05	29.53	107.6	6.91	6.0	SR5	10/11/2019 21:05	29.12	81.2	5.66	5.1
SR5	10/11/2019 3:10	29.02	85.2	5.49	6.7	SR5	10/11/2019 9:10	29.07	79.1	5.52	5.6	SR5	10/11/2019 15:10	29.53	107.5	6.90	5.3	SR5	10/11/2019 21:10	29.12	81.1	5.65	5.9
SR5	10/11/2019 3:15	28.95	87.7	5.66	6.2	SR5	10/11/2019 9:15	29.07	79.3	5.53	6.0	SR5	10/11/2019 15:15	29.53	106.5	6.84	5.8	SR5	10/11/2019 21:15	29.12	80.6	5.62	6.3
SR5	10/11/2019 3:20	29.02	86.0	5.54	5.1	SR5	10/11/2019 9:20	29.06	78.8	5.50	7.0	SR5	10/11/2019 15:20	29.53	106.1	6.81	5.4	SR5	10/11/2019 21:20	29.12	79.8	5.56	4.6
SR5	10/11/2019 3:25	29.05	86.1	5.55	5.5	SR5	10/11/2019 9:25	29.07	79.0	5.52	6.5	SR5	10/11/2019 15:25	29.53	106.2	6.82	5.4	SR5	10/11/2019 21:25	29.13	78.2	5.44	4.9
SR5	10/11/2019 3:30	29.07	85.4	5.50	5.8	SR5	10/11/2019 9:30	29.07	78.6	5.48	6.6	SR5	10/11/2019 15:30	29.53	106.9	6.86	4.8	SR5	10/11/2019 21:30	29.11	80.3	5.60	6.3
SR5	10/11/2019 3:35	29.04	84.6	5.45	5.6	SR5	10/11/2019 9:35	29.09	81.8	5.71	7.1	SR5	10/11/2019 15:35	29.54	108.7	6.98	4.7	SR5	10/11/2019 21:35	29.11	81.8	5.71	4.4
SR5	10/11/2019 3:40	29.04	84.2	5.42	5.0	SR5	10/11/2019 9:40	29.10	79.3	5.53	6.2	SR5	10/11/2019 15:40	29.54	108.7	6.98	6.4	SR5	10/11/2019 21:40	29.11	80.9	5.64	4.8
SR5	10/11/2019 3:45	29.04	84.4	5.43	5.6	SR5	10/11/2019 9:45	29.10	79.6	5.55	6.4	SR5	10/11/2019 15:45	29.54	108.0	6.93	7.3	SR5	10/11/2019 21:45	29.11	80.2	5.59	4.9
SR5	10/11/2019 3:50	29.04	84.5	5.44	6.4	SR5	10/11/2019 9:50	29.09	80.5	5.62	6.7	SR5	10/11/2019 15:50	29.54	107.0	6.87	5.6	SR5	10/11/2019 21:50	29.11	79.4	5.53	5.8
SR5	10/11/2019 3:55	28.93	87.1	5.63	5.7	SR5	10/11/2019 9:55	29.11	79.6	5.56	5.3	SR5	10/11/2019 15:55	29.54	106.9	6.86	5.9	SR5	10/11/2019 21:55	29.11	81.8	5.71	4.7
SR5	10/11/2019 4:00	28.96	86.3	5.57	5.1	SR5	10/11/2019 10:00	29.13	78.5	5.47	7.3	SR5	10/11/2019 16:00	29.55	108.8	6.98	4.2	SR5	10/11/2019 22:00	29.08	79.7	5.57	5.8
SR5	10/11/2019 4:05	29.00	85.9	5.54	4.6	SR5	10/11/2019 10:05	29.16	80.7	5.63	6.4	SR5	10/11/2019 16:05	29.56	109.5	7.03	5.0	SR5	10/11/2019 22:05	29.15	82.8	5.77	4.4
SR5	10/11/2019 4:10	28.99	86.9	5.61	6.4	SR5	10/11/2019 10:10	29.15	78.7	5.48	6.7	SR5	10/11/2019 16:10	29.54	107.3	6.89	6.0	SR5	10/11/2019 22:10	29.16	81.8	5.70	4.7
SR5	10/11/2019 4:15	29.01	85.8	5.53	5.2	SR5	10/11/2019 10:15	29.17	78.6	5.47	6.0	SR5	10/11/2019 16:15	29.54	107.8	6.92	6.2	SR5	10/11/2019 22:15	29.16	81.5	5.68	5.7
SR5	10/11/2019 4:20	29.01	85.3	5.50	5.9	SR5	10/11/2019 10:20	29.19	79.6	5.55	5.8	SR5	10/11/2019 16:20	29.53	107.9	6.93	5.6	SR5	10/11/2019 22:20	29.16	82.8	5.78	5.6
SR5	10/11/2019 4:25	29.00	85.1	5.49	6.0	SR5	10/11/2019 10:25	29.19	81.5	5.69	9.3	SR5	10/11/2019 16:25	29.53	107.6	6.91	6.1	SR5	10/11/2019 22:25	29.16	82.5	5.75	4.9
SR5	10/11/2019 4:30	29.02	84.7	5.46	5.8	SR5	10/11/2019 10:30	29.17	79.5	5.54	6.6	SR5	10/11/2019 16:30	29.53	108.1	6.94	6.2	SR5	10/11/2019 22:30	29.16	81.9	5.71	5.1
SR5	10/11/2019 4:35	29.03	85.1	5.49	6.1	SR5	10/11/2019 10:35	29.17	77.8	5.41	7.0	SR5	10/11/2019 16:35	29.51	105.3	6.76	5.0	SR5	10/11/2019 22:35	29.15	81.8	5.71	4.3
SR5	10/11/2019 4:40	29.05	84.8	5.46	5.3	SR5	10/11/2019 10:40	29.17	79.4	5.53	6.7	SR5	10/11/2019 16:40	29.50	104.3	6.70	4.8	SR5	10/11/2019 22:40	29.16	82.5	5.76	3.9
SR5	10/11/2019 4:45	29.04	85.9	5.54	5.8	SR5	10/11/2019 10:45	29.25	85.0	5.43	6.0	SR5	10/11/2019 16:45	29.50	104.9	6.74	5.9	SR5	10/11/2019 22:45	29.15	81.0	5.64	4.8
SR5	10/11/2019 4:50	29.06	84.8	5.46	5.8	SR5	10/11/2019 10:50	29.25	85.0	5.44	5.9	SR5	10/11/2019 16:50	29.50	104.1	6.68	5.5	SR5	10/11/2019 22:50	29.17	83.0	5.78	4.5
SR5	10/11/2019 4:55	29.12	84.5	5.44	5.9	SR5	10/11/2019 10:55	29.26	87.9	5.63	6.5	SR5	10/11/2019 16:55	29.46	102.8	6.60	5.1	SR5	10/11/2019 22:55	29.19	84.7	5.40	5.1
SR5	10/11/2019 5:00	29.09	84.1	5.42	7.1	SR5	10/11/2019 11:00	29.22	86.9	5.55	6.3	SR5	10/11/2019 17:00	29.46	102.2	6.57	4.5	SR5	10/11/2019 23:00	29.19	84.2	5.37	4.8
SR5	10/11/2019 5:05	29.08	83.6	5.38	6.0	SR5	10/11/2019 11:05	29.24	85.9	5.49	6.0	SR5	10/11/2019 17:05	29.47	101.9	6.54	5.6	SR5	10/11/2019 23:05	29.19	84.1	5.37	6.0
SR5	10/11/2019 5:10	29.05	84.6	5.45	6.5	SR5	10/11/2019 11:10	29.27	87.2	5.57	8.0	SR5	10/11/2019 17:10	29.45	99.9	6.41	4.7	SR5	10/11/2019 23:10	29.18	83.9	5.36	5.4
SR5	10/11/2019 5:15	29.03	84.1	5.42	6.6	SR5	10/11/2019 11:15	29.23	85.7	5.48	5.7	SR5	10/11/2019 17:15	29.46	101.4	6.51	4.7	SR5	10/11/2019 23:15	29.20	84.2	5.37	4.8
SR5	10/11/2019 5:20	29.00	82.9	5.35	6.3	SR5	10/11/2019 11:20	29.20	86.2	5.51	5.2	SR5	10/11/2019 17:20	29.47	101.6	6.53	5.4	SR5	10/11/2019 23:20	29.21	83.8	5.35	4.6
SR5	10/11/2019 5:25	29.12	83.1	5.33	5.7	SR5	10/11/2019 11:25	29.24	88.0	5.63	6.1	SR5	10/11/2019 17:25	29.46	100.9	6.48	4.5	SR5	10/11/2019 23:25	29.21	83.8	5.35	6.3
SR5	10/11/2019 5:30	29.03	82.6	5.32	6.6	SR5	10/11/2019 11:30	29.26	87.2	5.58	4.7	SR5	10/11/2019 17:30	29.46	100.7	6.46	4.4	SR5	10/11/2019 23:30	29.20	83.4	5.32	4.8
SR5	10/11/2019 5:35	29.12	81.9	5.25	4.8	SR5	10/11/2019 11:35	29.26	87.2	5.58	5.0	SR5	10/11/2019 17:35	29.45	99.9	6.42	5.4	SR5	10/11/2019 23:35	29.21	84.4	5.39	4.0
SR5	10/11/2019 5:40	29.11	79.7	5.56	5.9	SR5	10/11/2019 11:40	29.26	86.8	5.55	6.8	SR5	10/11/2019 17:40	29.43	97.2	6.25	5.9	SR5	10/11/2019 23:40	29.21	83.7	5.34	5.2
SR5	10/11/2019 5:45	29.10	80.2	5.61	5.9	SR5	10/11/2019 11:45	29.33	86.3	5.51	8.7	SR5	10/11/2019 17:45	29.40	94.8	6.08	5.2	SR5	10/11/2019 23:45	29.22	84.2	5.37	4.9
SR5	10/11/2019 5:50	29.10	78.9	5.51	5.5	SR5	10/11/2019 11:50	29.35	85.8	5.47	5.2	SR5	10/11/2019 17:50	29.39	94.4	6.06	4.8	SR5	10/11/2019 23:50	29.22	84.6	5.40	4.3
SR5	10/11/2019 5:55	29.10	78.8	5.51	5.6	SR5	10/11/2019 11:55	29.34	86.4	5.52	5.9	SR5	10/11/2019 17:55	29.36	91.7	5.88	4.2	SR5	10/11/2019 23:55	29.23	87.4	5.59	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	10/11/2019 0:01	29.29	76.0	5.40	4.4	SR12	10/11/2019 6:01	29.49	77.4	5.52	3.4	SR12	10/11/2019 12:01	29.30	79.0	5.63	4.6	SR12	10/11/2019 18:01	29.39	86.5	6.11	4.5
SR12	10/11/2019 0:06	29.29	73.3	5.22	4.0	SR12	10/11/2019 6:06	29.51	76.5	5.46	3.1	SR12	10/11/2019 12:06	29.29	80.9	5.76	4.8	SR12	10/11/2019 18:06	29.40	87.0	6.15	4.4
SR12	10/11/2019 0:11	29.29	75.7	5.38	4.2	SR12	10/11/2019 6:11	29.47	77.6	5.52	4.0	SR12	10/11/2019 12:11	29.30	81.1	5.77	4.2	SR12	10/11/2019 18:11	29.41	85.6	6.06	4.9
SR12	10/11/2019 0:16	29.28	75.3	5.36	8.4	SR12	10/11/2019 6:16	29.41	73.2	5.23	3.4	SR12	10/11/2019 12:16	29.29	81.2	5.79	4.3	SR12	10/11/2019 18:16	29.40	87.5	6.19	5.6
SR12	10/11/2019 0:21	29.29	77.6	5.51	4.5	SR12	10/11/2019 6:21	29.46	75.6	5.37	4.6	SR12	10/11/2019 12:21	29.31	78.5	5.60	4.9	SR12	10/11/2019 18:21	29.42	88.3	6.24	4.4
SR12	10/11/2019 0:26	29.30	76.9	5.47	3.9	SR12	10/11/2019 6:26	29.47	78.0	5.56	5.8	SR12	10/11/2019 12:26	29.31	79.5	5.67	4.4	SR12	10/11/2019 18:26	29.42	89.4	6.33	3.5
SR12	10/11/2019 0:31	29.30	77.0	5.48	3.4	SR12	10/11/2019 6:31	29.48	77.7	5.52	4.3	SR12	10/11/2019 12:31	29.31	80.0	5.70	5.7	SR12	10/11/2019 18:31	29.41	89.5	6.33	4.1
SR12	10/11/2019 0:36	29.30	77.5	5.52	3.6	SR12	10/11/2019 6:36	29.48	76.5	5.44	3.6	SR12	10/11/2019 12:36	29.32	80.3	5.71	4.1	SR12	10/11/2019 18:36	29.38	89.6	6.33	4.0
SR12	10/11/2019 0:41	29.27	76.0	5.41	3.0	SR12	10/11/2019 6:41	29.47	78.4	5.58	5.2	SR12	10/11/2019 12:41	29.35	80.9	5.76	4.2	SR12	10/11/2019 18:41	29.40	90.1	6.37	4.7
SR12	10/11/2019 0:46	29.30	80.0	5.69	3.7	SR12	10/11/2019 6:46	29.47	75.6	5.39	4.4	SR12	10/11/2019 12:46	29.34	79.7	5.68	4.4	SR12	10/11/2019 18:46	29.41	91.3	6.46	3.7
SR12	10/11/2019 0:51	29.31	76.6	5.46	3.2	SR12	10/11/2019 6:51	29.47	78.7	5.60	4.2	SR12	10/11/2019 12:51	29.36	81.8	5.82	4.2	SR12	10/11/2019 18:51	29.39	92.0	6.52	4.3
SR12	10/11/2019 0:56	29.30	76.4	5.43	2.6	SR12	10/11/2019 6:56	29.43	73.8	5.27	3.4	SR12	10/11/2019 12:56	29.32	80.5	5.74	4.7	SR12	10/11/2019 18:56	29.39	91.6	6.49	4.0
SR12	10/11/2019 1:01	29.29	78.3	5.58	3.2	SR12	10/11/2019 7:01	29.44	77.2	5.48	3.6	SR12	10/11/2019 13:01	29.32	80.3	5.70	3.6	SR12	10/11/2019 19:01	29.40	92.3	6.53	3.9
SR12	10/11/2019 1:06	29.32	77.7	5.53	2.9	SR12	10/11/2019 7:06	29.44	77.9	5.55	4.2	SR12	10/11/2019 13:06	29.32	81.7	5.81	4.4	SR12	10/11/2019 19:06	29.43	92.1	6.52	2.7
SR12	10/11/2019 1:11	29.34	72.2	5.15	2.1	SR12	10/11/2019 7:11	29.45	77.3	5.52	3.8	SR12	10/11/2019 13:11	29.30	80.8	5.75	3.6	SR12	10/11/2019 19:11	29.45	93.2	6.59	3.5
SR12	10/11/2019 1:16	29.33	72.4	5.16	3.0	SR12	10/11/2019 7:16	29.48	76.4	5.45	3.6	SR12	10/11/2019 13:16	29.29	79.3	5.65	4.4	SR12	10/11/2019 19:16	29.44	95.1	6.73	3.5
SR12	10/11/2019 1:21	29.34	72.9	5.19	3.0	SR12	10/11/2019 7:21	29.47	77.1	5.50	4.8	SR12	10/11/2019 13:21	29.31	79.9	5.68	4.3	SR12	10/11/2019 19:21	29.45	94.1	6.66	3.7
SR12	10/11/2019 1:26	29.33	73.9	5.26	2.8	SR12	10/11/2019 7:26	29.45	78.1	5.56	4.6	SR12	10/11/2019 13:26	29.29	80.6	5.74	4.9	SR12	10/11/2019 19:26	29.44	95.4	6.75	4.3
SR12	10/11/2019 1:31	29.29	73.8	5.27	2.7	SR12	10/11/2019 7:31	29.46	77.2	5.50	4.9	SR12	10/11/2019 13:31	29.28	80.4	5.73	4.8	SR12	10/11/2019 19:31	29.46	94.8	6.70	3.8
SR12	10/11/2019 1:36	29.34	77.5	5.51	3.1	SR12	10/11/2019 7:36	29.44	77.2	5.51	3.6	SR12	10/11/2019 13:36	29.40	81.4	5.78	3.4	SR12	10/11/2019 19:36	29.40	95.2	6.73	3.2
SR12	10/11/2019 1:41	29.28	74.3	5.31	2.2	SR12	10/11/2019 7:41	29.43	76.7	5.47	3.9	SR12	10/11/2019 13:41	29.32	81.1	5.78	6.7	SR12	10/11/2019 19:41	29.44	95.6	6.75	4.2
SR12	10/11/2019 1:46	29.24	74.3	5.31	2.4	SR12	10/11/2019 7:46	29.40	76.6	5.46	4.4	SR12	10/11/2019 13:46	29.32	79.6	5.66	4.3	SR12	10/11/2019 19:46	29.39	98.1	6.94	3.9
SR12	10/11/2019 1:51	29.23	76.2	5.45	3.0	SR12	10/11/2019 7:51	29.40	76.6	5.47	9.8	SR12	10/11/2019 13:51	29.27	79.8	5.68	5.1	SR12	10/11/2019 19:51	29.45	96.7	6.84	4.1
SR12	10/11/2019 1:56	29.26	73.9	5.30	2.7	SR12	10/11/2019 7:56	29.40	79.1	5.64	4.7	SR12	10/11/2019 13:56	29.28	80.9	5.76	4.6	SR12	10/11/2019 19:56	29.44	94.0	6.65	4.1
SR12	10/11/2019 2:01	29.26	73.0	5.22	2.1	SR12	10/11/2019 8:01	29.37	78.6	5.60	5.0	SR12	10/11/2019 14:01	29.32	80.5	5.73	5.3	SR12	10/11/2019 20:01	29.44	96.2	6.81	7.3
SR12	10/11/2019 2:06	29.30	71.6	5.13	2.2	SR12	10/11/2019 8:06	29.38	77.4	5.52	4.8	SR12	10/11/2019 14:06	29.36	81.3	5.79	4.5	SR12	10/11/2019 20:06	29.42	96.1	6.80	5.1
SR12	10/11/2019 2:11	29.33	73.3	5.25	2.2	SR12	10/11/2019 8:11	29.37	76.7	5.48	4.1	SR12	10/11/2019 14:11	29.43	78.1	5.56	3.3	SR12	10/11/2019 20:11	29.40	95.5	6.76	4.6
SR12	10/11/2019 2:16	29.25	75.1	5.38	2.6	SR12	10/11/2019 8:16	29.37	77.9	5.55	3.9	SR12	10/11/2019 14:16	29.37	79.4	5.65	4.7	SR12	10/11/2019 20:16	29.43	96.8	6.84	5.1
SR12	10/11/2019 2:21	29.36	74.9	5.34	2.4	SR12	10/11/2019 8:21	29.37	78.5	5.59	4.5	SR12	10/11/2019 14:21	29.41	80.9	5.75	4.8	SR12	10/11/2019 20:21	29.40	96.0	6.79	5.9
SR12	10/11/2019 2:26	29.32	73.2	5.25	2.2	SR12	10/11/2019 8:26	29.35	77.7	5.54	3.9	SR12	10/11/2019 14:26	29.39	79.3	5.64	4.3	SR12	10/11/2019 20:26	29.40	94.8	6.69	5.6
SR12	10/11/2019 2:31	29.32	71.6	5.14	1.9	SR12	10/11/2019 8:31	29.35	79.3	5.65	3.8	SR12	10/11/2019 14:31	29.47	78.5	5.59	4.2	SR12	10/11/2019 20:31	29.45	93.6	6.62	4.7
SR12	10/11/2019 2:36	29.31	72.2	5.17	2.9	SR12	10/11/2019 8:36	29.35	78.8	5.61	4.3	SR12	10/11/2019 14:36	29.49	78.5	5.59	3.4	SR12	10/11/2019 20:36	29.26	91.2	6.46	8.1
SR12	10/11/2019 2:41	29.36	73.2	5.24	3.3	SR12	10/11/2019 8:41	29.35	77.3	5.52	3.4	SR12	10/11/2019 14:41	29.45	79.0	5.63	3.9	SR12	10/11/2019 20:41	29.26	91.3	6.47	5.8
SR12	10/11/2019 2:46	29.41	73.0	5.22	2.9	SR12	10/11/2019 8:46	29.35	76.0	5.43	3.3	SR12	10/11/2019 14:46	29.42	80.8	5.74	7.5	SR12	10/11/2019 20:46	29.27	90.2	6.39	5.5
SR12	10/11/2019 2:51	29.44	75.4	5.38	2.5	SR12	10/11/2019 8:51	29.35	79.7	5.67	4.7	SR12	10/11/2019 14:51	29.43	80.4	5.73	4.0	SR12	10/11/2019 20:51	29.24	89.0	6.31	5.3
SR12	10/11/2019 2:56	29.40	75.2	5.39	3.3	SR12	10/11/2019 8:56	29.35	79.1	5.63	3.6	SR12	10/11/2019 14:56	29.48	79.9	5.68	3.2	SR12	10/11/2019 20:56	29.24	89.2	6.32	5.7
SR12	10/11/2019 3:01	29.42	75.4	5.39	3.2	SR12	10/11/2019 9:01	29.35	79.2	5.64	4.3	SR12	10/11/2019 15:01	29.54	81.1	5.76	4.0	SR12	10/11/2019 21:01	29.24	89.2	6.33	4.3
SR12	10/11/2019 3:06	29.43	74.8	5.35	2.6	SR12	10/11/2019 9:06	29.33	78.5	5.60	3.2	SR12	10/11/2019 15:06	29.56	81.2	5.77	3.3	SR12	10/11/2019 21:06	29.23	87.0	6.17	7.0
SR12	10/11/2019 3:11	29.51	76.2	5.44	2.5	SR12	10/11/2019 9:11	29.33	79.1	5.64	4.7	SR12	10/11/2019 15:11	29.53	77.6	5.52	3.2	SR12	10/11/2019 21:11	29.23	86.4	6.13	4.9
SR12	10/11/2019 3:16	29.53	77.9	5.56	3.4	SR12	10/11/2019 9:16	29.31	77.0	5.49	3.6	SR12	10/11/2019 15:16	29.56	79.3	5.63	2.7	SR12	10/11/2019 21:16	29.26	84.3	5.98	5.1
SR12	10/11/2019 3:21	29.55	76.7	5.47	2.4	SR12	10/11/2019 9:21	29.32	78.3	5.58	4.3	SR12	10/11/2019 15:21	29.43	78.1	5.56	3.9	SR12	10/11/2019 21:21	29.28	84.0	5.96	4.7
SR12	10/11/2019 3:26	29.54	76.9	5.48	2.7	SR12	10/11/2019 9:26	29.32	77.1	5.49	3.6	SR12	10/11/2019 15:26	29.42	80.5	5.72	4.0	SR12	10/11/2019 21:26	29.29	86.8	6.16	5.8
SR12	10/11/2019 3:31	29.51	77.1	5.49	2.9	SR12	10/11/2019 9:31	29.32	76.6	5.47	2.9	SR12	10/11/2019 15:31	29.50	79.9	5.67	2.7	SR12	10/11/2019 21:31	29.28	85.4	6.05	4.4
SR12	10/11/2019 3:36	29.52	75.7	5.40	2.3	SR12	10/11/2019 9:36	29.32	76.9	5.49	4.3	SR12	10/11/2019 15:36	29.56	80.3	5.70	2.7	SR12	10/11/2019 21:36	29.27	84.3	5.97	5.0
SR12	10/11/2019 3:41	29.52	73.6	5.25	3.0	SR12	10/11/2019 9:41	29.31	77.4	5.53	3.6	SR12	10/11/2019 15:41	29.53	75.5	5.37	3.7	SR12	10/11/2019 21:41	29.28	86.1	6.12	4.6
SR12	10/11/2019 3:46	29.49	75.0	5.36	2.4	SR12	10/11/2019 9:46	29.31	77.9	5.56	4.3	SR12	10/11/2019 15:46	29.43	76.6	5.45	4.7	SR12	10/11/2019 21:46	29.27	85.0	6.04	3.8
SR12	10/11/2019 3:51	29.48	77.3	5.52	3.2	SR12	10/11/2019 9:51	29.31	77.5	5.53	3.8	SR12	10/11/2019 15:51	29.42	77.5	5.52	3.0	SR12	10/11/2019 21:51	29.26	84.3	5.98	7.4
SR12	10/11/2019 3:56	29.49	80.5	5.74	3.4	SR12	10/11/2019 9:56	29.31	74.8	5.34	3.8	SR12	10/11/2019 15:56	29.33	79.7	5.68	4.3	SR12	10/11/2019 21:56	29.25	81.2	5.76	7.4
SR12	10/11/2019 4:01	29.48	80.0	5.70	3.6	SR12	10/11/2019 10:01	29.31	78.5	5.60	4.4	SR12	10/11/2019 16:01	29.46	77.6	5.52	2.6	SR12	10/11/2019 22:01	29.23	82.1	5.82	9.8
SR12	10/11/2019 4:06	29.51	77.1	5.49	3.7	SR12	10/11/2019 10:06	29.30	76.4	5.45	3.7	SR12	10/11/2019 16:06	29.31	80.6	5.73	5.4	SR12	10/11/2019 22:06	29.25	81.8	5.81	8.3
SR12	10/11/2019 4:11	29.50	79.8	5.68	3.9	SR12	10/11/2019 10:11	29.29	76.7	5.46	6.0	SR12	10/11/2019 16:11	29.33	81.0	5.77	4.0	SR12	10/11/2019 22:11	29.23	82.2	5.84	8.7
SR12	10/11/2019 4:16	29.52	79.0	5.63	3.7	SR12						SR12	10/11/2019 16:16	29.49	80.6	5.72	4.9	SR12	10/11/2019 22:16	29.24	82.8	5.88	6.9
SR12	10/11/2019 4:21	29.60	77.1	5.51	2.7	SR12						SR12	10/11/2019 16:21	29.53	80.6	5.72	4.6	SR12	10/11/2019 22:21	29.23	81.8	5.81	6.9
SR12	10/11/2019 4:26	29.51	74.7	5.34	3.7	SR12						SR12	10/11/2019 16:26	29.36	81.6	5.81	5.3	SR12	10/11/2019 22:26	29.22	82.1	5.83	5.6
SR12	10/11/2019 4:31	29.52	72.5	5.17	2.3	SR12						SR12	10/11/2019 16:31	29.36	81.4	5.79	5.6	SR12	10/11/2019 22:31	29.24	80.8	5.74	7.3
SR12	10/11/2019 4:36	29.51	71.2	5.09	2.4	SR12						SR12	10/11/2019 16:36	29.42	81.2	5.77	4.6	SR12	10/11/2019 22:36	29.24	80.1	5.70	5.6
SR12	10/11/2019 4:41	29.50	72.4	5.18	2.4	SR12						SR12	10/11/2019 16:41	29.46	79.5	5.65	4.1	SR12	10/11/2019 22:41	29.23	82.1	5.83	7.3
SR12	10/11/2019 4:46	29.48	72.0	5.15	2.4	SR12						SR12	10/11/2019 16:46	29.38	81.5	5.79	6.7	SR12	10/11/2019 22:46	29.23	80.9	5.74	7.4
SR12	10/11/2019 4:51	29.51	69.6	4.99	2.1	SR12						SR12	10/11/2019 16:51	29.38	81.2	5.77	5.3	SR12	10/11/2019 22:51	29.22	80.8	5.74	7.1
SR12	10/11/2019 4:56	29.53	72.1	5.15	2.8	SR12						SR12	10/11/2019 16:56	29.41	80.0	5.69	4.2	SR12	10/11/2019 22:56	29.23	81.1	5.76	9.8
SR12	10/11/2019 5:01	29.56	72.2	5.16	2.4	SR12						SR12	10/11/2019 17:01	29.43	78.8	5.60	4.5	SR12	10/11/2019 23:01	29.23	80.4	5.71	6.4
SR12	10/11/2019 5:06	29.57	69.5	4.98	2.1	SR12						SR12	10/11/2019 17:06	29.33	80.3	5.71	5.1	SR12	10/11/2019 23:06	29.23	79.5	5.66	**11.7**
SR12	10/11/2019 5:11	29.59	76.0	5.42	3.1	SR12						SR12	10/11/2019 17:11	29.68	76.3	5.42	6.2	SR12	10/11/2019 23:11	29.20	81.0	5.75	7.5
SR12	10/11/2019 5:16	29.59	72.5	5.18	2.4	SR12	10/11/2019 11:16	29.29	75.5	5.38	6.3	SR12	10/11/2019 17:16	29.56	76.0	5.41	3.9	SR12	10/11/2019 23:16	29.17	79.2	5.63	7.4
SR12	10/11/2019 5:21	29.56	69.9	5.00	2.8	SR12	10/11/2019 11:21	29.30	74.8	5.33	5.2	SR12	10/11/2019 17:21	29.35	80.7	5.74	5.1	SR12	10/11/2019 23:21	29.16	79.5	5.65	7.3
SR12	10/11/2019 5:26	29.58	70.4	5.04	2.4	SR12	10/11/2019 11:26	29.30	75.6	5.40	6.8	SR12	10/11/2019 17:26	29.40	80.9	5.74	5.8	SR12	10/11/2019 23:26	29.16	78.7	5.60	6.1
SR12	10/11/2019 5:31	29.63	75.4	5.38	2.9	SR12	10/11/2019 11:31	29.30	75.9	5.41	6.1	SR12	10/11/2019 17:31	29.39	81.9	5.81	5.3	SR12	10/11/2019 23:31	29.17	77.1	5.49	5.6
SR12	10/11/2019 5:36	29.63	79.2	5.63	5.9	SR12	10/11/2019 11:36	29.30	76.5	5.45	5.8	SR12	10/11/2019 17:36	29.38	82.3	5.83	4.7	SR12	10/11/2019 23:36	29.16	79.2	5.62	**10.5**
SR12	10/11/2019 5:41	29.61	78.1	5.56	3.1	SR12	10/11/2019 11:41	29.30	75.8	5.39	6.5	SR12	10/11/2019 17:41	29.35	82.2	5.83	5.4	SR12	10/11/2019 23:41	29.16	78.6	5.58	7.3
SR12	10/11/2019 5:46	29.59	76.8	5.48	3.2	SR12	10/11/2019 11:46	29.32	76.2	5.44	4.5	SR12	10/11/2019 17:46	29.38	84.0	5.94	5.6	SR12	10/11/2019 23:46	29.17	77.4	5.51	7.7
SR12	10/11/2019 5:51	29.58	77.2	5.49	3.1	SR12	10/11/2019 11:51	29.30	78.5	5.59	4.4	SR12	10/11/2019 17:51	29.39	84.1	5.95	5.1	SR12	10/11/2019 23:51	29.17	78.6	5.60	6.9
SR12	10/11/2019 5:56	29.50	76.1	5.41	4.2	SR12	10/11/2019 11:56	29.30	79.8	5.69	4.5	SR12	10/11/2019 17:56	29.43	84.8	6.01	4.6	SR12	10/11/2019 23:56	29.15	78.2	5.55	7.4

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	10/11/2019 0:00	29.50	76.6	5.60	5.1	SR13	10/11/2019 6:00	29.35	76.5	5.61	4.2	SR13	10/11/2019 12:00	29.21	77.1	5.65	3.8	SR13	10/11/2019 18:00	29.39	75.8	5.56	5.2
SR13	10/11/2019 0:05	29.48	78.7	5.74	6.0	SR13	10/11/2019 6:05	29.34	75.7	5.54	4.2	SR13	10/11/2019 12:05	29.22	75.0	5.49	3.8	SR13	10/11/2019 18:05	29.39	77.1	5.65	5.3
SR13	10/11/2019 0:10	29.49	78.2	5.71	5.7	SR13	10/11/2019 6:10	29.34	76.6	5.61	5.4	SR13	10/11/2019 12:10	29.21	74.5	5.48	4.5	SR13	10/11/2019 18:10	29.39	76.6	5.61	4.8
SR13	10/11/2019 0:15	29.47	79.2	5.77	5.6	SR13	10/11/2019 6:15	29.32	75.3	5.52	4.8	SR13	10/11/2019 12:15	29.22	74.6	5.48	3.7	SR13	10/11/2019 18:15	29.39	76.3	5.59	5.1
SR13	10/11/2019 0:20	29.47	79.5	5.80	5.4	SR13	10/11/2019 6:20	29.32	76.0	5.56	4.6	SR13	10/11/2019 12:20	29.21	72.6	5.34	4.0	SR13	10/11/2019 18:20	29.36	76.8	5.63	6.7
SR13	10/11/2019 0:25	29.45	79.6	5.81	4.8	SR13	10/11/2019 6:25	29.29	76.0	5.56	4.9	SR13	10/11/2019 12:25	29.21	74.1	5.44	4.2	SR13	10/11/2019 18:25	29.34	77.1	5.64	5.7
SR13	10/11/2019 0:30	29.49	78.7	5.74	5.0	SR13	10/11/2019 6:30	29.29	75.9	5.55	5.3	SR13	10/11/2019 12:30	29.20	74.3	5.46	3.9	SR13	10/11/2019 18:30	29.33	76.9	5.63	5.9
SR13	10/11/2019 0:35	29.49	79.5	5.80	5.5	SR13	10/11/2019 6:35	29.30	75.0	5.50	4.7	SR13	10/11/2019 12:35	29.22	72.0	5.30	3.9	SR13	10/11/2019 18:35	29.32	76.4	5.60	6.0
SR13	10/11/2019 0:40	29.51	79.3	5.78	4.1	SR13	10/11/2019 6:40	29.29	74.6	5.47	10.2	SR13	10/11/2019 12:40	29.23	72.9	5.36	4.1	SR13	10/11/2019 18:40	29.34	76.3	5.59	5.5
SR13	10/11/2019 0:45	29.49	79.7	5.81	4.5	SR13	10/11/2019 6:45	29.31	74.2	5.43	4.9	SR13	10/11/2019 12:45	29.22	73.9	5.44	4.1	SR13	10/11/2019 18:45	29.35	75.7	5.55	5.7
SR13	10/11/2019 0:50	29.50	79.4	5.79	4.8	SR13	10/11/2019 6:50	29.31	73.8	5.41	4.7	SR13	10/11/2019 12:50	29.23	72.0	5.29	3.7	SR13	10/11/2019 18:50	29.35	77.2	5.65	6.8
SR13	10/11/2019 0:55	29.51	79.0	5.76	3.6	SR13	10/11/2019 6:55	29.30	74.5	5.47	4.7	SR13	10/11/2019 12:55	29.25	74.8	5.49	4.4	SR13	10/11/2019 18:55	29.33	76.0	5.57	6.0
SR13	10/11/2019 1:00	29.50	79.9	5.83	4.1	SR13	10/11/2019 7:00	29.30	76.5	5.60	5.2	SR13	10/11/2019 13:00	29.26	74.0	5.44	4.7	SR13	10/11/2019 19:00	29.36	75.9	5.56	5.0
SR13	10/11/2019 1:05	29.51	76.4	5.59	4.3	SR13	10/11/2019 7:05	29.29	74.7	5.48	5.3	SR13	10/11/2019 13:05	29.25	72.9	5.36	4.0	SR13	10/11/2019 19:05	29.33	76.2	5.58	6.4
SR13	10/11/2019 1:10	29.51	77.5	5.66	4.7	SR13	10/11/2019 7:10	29.27	74.7	5.48	5.0	SR13	10/11/2019 13:10	29.25	73.0	5.37	3.9	SR13	10/11/2019 19:10	29.32	75.9	5.56	6.3
SR13	10/11/2019 1:15	29.51	74.3	5.46	3.7	SR13	10/11/2019 7:15	29.22	76.2	5.59	5.1	SR13	10/11/2019 13:15	29.27	74.2	5.45	6.1	SR13	10/11/2019 19:15	29.31	76.0	5.56	6.6
SR13	10/11/2019 1:20	29.50	75.9	5.56	5.0	SR13	10/11/2019 7:20	29.24	75.6	5.56	4.6	SR13	10/11/2019 13:20	29.28	76.7	5.61	5.3	SR13	10/11/2019 19:20	29.31	76.6	5.61	6.6
SR13	10/11/2019 1:25	29.48	80.5	5.88	5.2	SR13	10/11/2019 7:25	29.22	75.3	5.52	6.0	SR13	10/11/2019 13:25	29.27	76.4	5.60	5.0	SR13	10/11/2019 19:25	29.33	76.4	5.59	6.2
SR13	10/11/2019 1:30	29.46	79.1	5.77	5.4	SR13	10/11/2019 7:30	29.26	74.4	5.46	4.7	SR13	10/11/2019 13:30	29.27	75.4	5.53	4.8	SR13	10/11/2019 19:30	29.34	77.4	5.68	5.0
SR13	10/11/2019 1:35	29.47	78.1	5.70	5.7	SR13	10/11/2019 7:35	29.25	74.5	5.47	4.8	SR13	10/11/2019 13:35	29.27	75.5	5.53	4.2	SR13	10/11/2019 19:35	29.36	76.4	5.60	5.3
SR13	10/11/2019 1:40	29.49	77.9	5.69	5.2	SR13	10/11/2019 7:40	29.23	74.4	5.46	5.4	SR13	10/11/2019 13:40	29.27	75.5	5.53	4.7	SR13	10/11/2019 19:40	29.36	77.8	5.70	4.8
SR13	10/11/2019 1:45	29.47	80.0	5.83	5.1	SR13	10/11/2019 7:45	29.25	75.8	5.56	4.4	SR13	10/11/2019 13:45	29.27	75.3	5.51	4.4	SR13	10/11/2019 19:45	29.36	77.6	5.68	5.8
SR13	10/11/2019 1:50	29.45	81.9	5.96	4.9	SR13	10/11/2019 7:50	29.23	73.9	5.43	3.8	SR13	10/11/2019 13:50	29.26	75.7	5.55	3.8	SR13	10/11/2019 19:50	29.37	77.5	5.67	5.3
SR13	10/11/2019 1:55	29.44	81.1	5.90	4.5	SR13	10/11/2019 7:55	29.22	74.2	5.45	4.2	SR13	10/11/2019 13:55	29.27	75.8	5.55	4.4	SR13	10/11/2019 19:55	29.41	78.1	5.72	4.7
SR13	10/11/2019 2:00	29.44	81.7	5.95	4.8	SR13	10/11/2019 8:00	29.21	73.4	5.38	6.0	SR13	10/11/2019 14:00	29.26	74.6	5.47	4.7	SR13	10/11/2019 20:00	29.42	77.9	5.70	5.2
SR13	10/11/2019 2:05	29.45	81.8	5.95	5.0	SR13	10/11/2019 8:05	29.22	75.7	5.55	5.2	SR13	10/11/2019 14:05	29.28	75.3	5.52	4.5	SR13	10/11/2019 20:05	29.41	77.4	5.67	4.7
SR13	10/11/2019 2:10	29.48	81.4	5.93	5.2	SR13	10/11/2019 8:10	29.24	75.0	5.50	4.4	SR13	10/11/2019 14:10	29.28	75.7	5.56	4.9	SR13	10/11/2019 20:10	29.40	78.3	5.73	6.4
SR13	10/11/2019 2:15	29.48	80.9	5.89	4.8	SR13	10/11/2019 8:15	29.22	75.6	5.55	4.1	SR13	10/11/2019 14:15	29.28	76.6	5.61	4.7	SR13	10/11/2019 20:15	29.39	78.0	5.71	6.0
SR13	10/11/2019 2:20	29.47	80.2	5.83	4.4	SR13	10/11/2019 8:20	29.21	75.3	5.53	3.8	SR13	10/11/2019 14:20	29.29	76.0	5.56	4.3	SR13	10/11/2019 20:20	29.40	78.3	5.72	5.6
SR13	10/11/2019 2:25	29.47	81.4	5.92	4.8	SR13	10/11/2019 8:25	29.24	74.4	5.46	4.4	SR13	10/11/2019 14:25	29.29	76.8	5.62	5.1	SR13	10/11/2019 20:25	29.42	78.4	5.73	4.7
SR13	10/11/2019 2:30	29.46	82.5	6.00	4.4	SR13	10/11/2019 8:30	29.26	76.3	5.59	3.4	SR13	10/11/2019 14:30	29.29	75.9	5.57	4.4	SR13	10/11/2019 20:30	29.42	78.7	5.75	4.5
SR13	10/11/2019 2:35	29.47	81.4	5.92	4.0	SR13	10/11/2019 8:35	29.29	75.7	5.55	4.1	SR13	10/11/2019 14:35	29.30	77.2	5.66	5.1	SR13	10/11/2019 20:35	29.43	77.5	5.67	5.0
SR13	10/11/2019 2:40	29.48	81.9	5.96	5.0	SR13	10/11/2019 8:40	29.27	75.8	5.56	3.9	SR13	10/11/2019 14:40	29.28	74.9	5.51	4.0	SR13	10/11/2019 20:40	29.43	77.6	5.67	4.7
SR13	10/11/2019 2:45	29.49	81.6	5.94	4.5	SR13	10/11/2019 8:45	29.26	76.6	5.62	4.3	SR13	10/11/2019 14:45	29.30	75.9	5.56	4.0	SR13	10/11/2019 20:45	29.39	77.5	5.66	4.9
SR13	10/11/2019 2:50	29.49	81.8	5.95	4.8	SR13	10/11/2019 8:50	29.25	76.6	5.61	3.6	SR13	10/11/2019 14:50	29.31	75.6	5.54	4.9	SR13	10/11/2019 20:50	29.37	78.2	5.72	5.5
SR13	10/11/2019 2:55	29.50	82.6	6.01	6.1	SR13	10/11/2019 8:55	29.26	73.7	5.41	3.9	SR13	10/11/2019 14:55	29.31	74.6	5.48	4.1	SR13	10/11/2019 20:55	29.40	77.9	5.69	4.3
SR13	10/11/2019 3:00	29.50	82.2	5.98	4.8	SR13	10/11/2019 9:00	29.27	73.2	5.38	3.0	SR13	10/11/2019 15:00	29.33	75.1	5.51	5.1	SR13	10/11/2019 21:00	29.40	77.5	5.66	4.9
SR13	10/11/2019 3:05	29.49	82.8	6.02	4.7	SR13	10/11/2019 9:05	29.26	74.1	5.45	3.7	SR13	10/11/2019 15:05	29.33	75.9	5.57	4.2	SR13	10/11/2019 21:05	29.40	76.9	5.62	4.7
SR13	10/11/2019 3:10	29.48	82.7	6.03	3.9	SR13	10/11/2019 9:10	29.17	73.9	5.43	3.7	SR13	10/11/2019 15:10	29.36	76.9	5.64	4.9	SR13	10/11/2019 21:10	29.36	77.4	5.67	5.3
SR13	10/11/2019 3:15	29.48	82.5	6.01	4.8	SR13	10/11/2019 9:15	29.11	74.3	5.45	3.6	SR13	10/11/2019 15:15	29.38	76.2	5.59	4.6	SR13	10/11/2019 21:15	29.35	77.6	5.68	4.8
SR13	10/11/2019 3:20	29.47	83.2	6.05	4.2	SR13	10/11/2019 9:20	29.17	78.1	5.73	3.6	SR13						SR13	10/11/2019 21:20	29.36	77.6	5.67	4.5
SR13	10/11/2019 3:25	29.47	82.7	6.03	4.1	SR13	10/11/2019 9:25	29.15	76.3	5.61	3.6	SR13						SR13	10/11/2019 21:25	29.37	77.9	5.71	6.1
SR13	10/11/2019 3:30	29.47	82.6	6.02	4.2	SR13	10/11/2019 9:30	29.13	74.7	5.48	3.7	SR13						SR13	10/11/2019 21:30	29.33	78.2	5.71	5.6
SR13	10/11/2019 3:35	29.46	81.7	5.95	5.0	SR13	10/11/2019 9:35	29.11	77.1	5.66	3.6	SR13						SR13	10/11/2019 21:35	29.31	78.2	5.72	5.5
SR13	10/11/2019 3:40	29.45	82.1	5.98	4.1	SR13	10/11/2019 9:40	29.14	75.5	5.55	4.0	SR13	10/11/2019 15:40	29.38	76.8	5.64	5.0	SR13	10/11/2019 21:40	29.36	77.5	5.66	5.3
SR13	10/11/2019 3:45	29.45	82.3	5.98	4.8	SR13	10/11/2019 9:45	29.15	73.3	5.39	3.3	SR13	10/11/2019 15:45	29.43	76.1	5.58	5.0	SR13	10/11/2019 21:45	29.39	77.5	5.66	5.3
SR13	10/11/2019 3:50	29.41	79.1	5.77	5.6	SR13	10/11/2019 9:50	29.13	73.2	5.40	3.4	SR13	10/11/2019 15:50	29.39	76.6	5.62	4.9	SR13	10/11/2019 21:50	29.32	78.6	5.75	5.6
SR13	10/11/2019 3:55	29.40	78.6	5.74	5.8	SR13	10/11/2019 9:55	29.13	72.9	5.36	2.8	SR13	10/11/2019 15:55	29.39	76.0	5.58	5.3	SR13	10/11/2019 21:55	29.37	76.7	5.61	5.3
SR13	10/11/2019 4:00	29.39	78.8	5.76	5.2	SR13	10/11/2019 10:00	29.11	73.7	5.43	3.0	SR13	10/11/2019 16:00	29.39	75.9	5.56	6.2	SR13	10/11/2019 22:00	29.36	77.9	5.69	5.8
SR13	10/11/2019 4:05	29.39	79.5	5.80	5.6	SR13	10/11/2019 10:05	29.16	74.0	5.44	3.2	SR13	10/11/2019 16:05	29.39	75.9	5.56	6.0	SR13	10/11/2019 22:05	29.39	77.5	5.66	4.9
SR13	10/11/2019 4:10	29.39	79.4	5.81	5.6	SR13	10/11/2019 10:10	29.14	72.7	5.36	3.4	SR13	10/11/2019 16:10	29.39	76.3	5.59	5.6	SR13	10/11/2019 22:10	29.35	77.7	5.68	6.0
SR13	10/11/2019 4:15	29.40	78.8	5.76	5.9	SR13	10/11/2019 10:15	29.19	71.9	5.31	3.3	SR13	10/11/2019 16:15	29.39	76.7	5.62	5.1	SR13	10/11/2019 22:15	29.37	77.8	5.69	5.9
SR13	10/11/2019 4:20	29.42	78.2	5.71	6.2	SR13	10/11/2019 10:20	29.19	72.6	5.35	3.3	SR13	10/11/2019 16:20	29.39	76.3	5.59	5.5	SR13	10/11/2019 22:20	29.39	77.4	5.66	4.6
SR13	10/11/2019 4:25	29.39	78.6	5.73	6.5	SR13	10/11/2019 10:25	29.23	73.3	5.40	2.6	SR13	10/11/2019 16:25	29.39	73.9	5.42	5.1	SR13	10/11/2019 22:25	29.36	77.0	5.63	5.7
SR13	10/11/2019 4:30	29.39	77.5	5.67	5.0	SR13	10/11/2019 10:30	29.24	72.5	5.34	4.0	SR13	10/11/2019 16:30	29.38	74.9	5.50	5.9	SR13	10/11/2019 22:30	29.32	78.7	5.75	6.6
SR13	10/11/2019 4:35	29.42	76.2	5.57	6.1	SR13	10/11/2019 10:35	29.26	75.5	5.55	3.1	SR13	10/11/2019 16:35	29.38	76.8	5.63	5.9	SR13	10/11/2019 22:35	29.42	76.7	5.61	5.6
SR13	10/11/2019 4:40	29.42	77.3	5.65	5.7	SR13	10/11/2019 10:40	29.25	74.0	5.45	3.4	SR13	10/11/2019 16:40	29.38	75.4	5.51	4.9	SR13	10/11/2019 22:40	29.41	76.7	5.61	5.0
SR13	10/11/2019 4:45	29.43	77.1	5.63	5.7	SR13	10/11/2019 10:45	29.25	73.2	5.38	3.6	SR13	10/11/2019 16:45	29.38	75.6	5.54	5.4	SR13	10/11/2019 22:45	29.37	78.1	5.70	5.1
SR13	10/11/2019 4:50	29.42	76.8	5.60	6.1	SR13	10/11/2019 10:50	29.26	72.3	5.32	3.2	SR13	10/11/2019 16:50	29.38	75.6	5.55	5.8	SR13	10/11/2019 22:50	29.39	79.4	5.80	5.5
SR13	10/11/2019 4:55	29.41	77.4	5.66	5.0	SR13	10/11/2019 10:55	29.29	74.5	5.46	3.3	SR13	10/11/2019 16:55	29.39	76.5	5.61	5.5	SR13	10/11/2019 22:55	29.37	76.9	5.62	4.8
SR13	10/11/2019 5:00	29.41	78.1	5.71	4.9	SR13	10/11/2019 11:00	29.31	76.3	5.59	4.5	SR13	10/11/2019 17:00	29.38	76.0	5.58	5.2	SR13	10/11/2019 23:00	29.37	79.3	5.78	4.5
SR13	10/11/2019 5:05	29.41	76.6	5.61	6.8	SR13	10/11/2019 11:05	29.30	75.8	5.56	4.1	SR13	10/11/2019 17:05	29.39	75.7	5.54	5.8	SR13	10/11/2019 23:05	29.22	77.1	5.63	5.9
SR13	10/11/2019 5:10	29.40	76.8	5.61	5.7	SR13	10/11/2019 11:10	29.22	75.9	5.57	3.2	SR13	10/11/2019 17:10	29.40	75.1	5.50	5.2	SR13	10/11/2019 23:10	29.26	79.7	5.81	5.3
SR13	10/11/2019 5:15	29.40	76.5	5.59	5.6	SR13	10/11/2019 11:15	29.21	75.1	5.50	3.8	SR13	10/11/2019 17:15	29.39	75.6	5.54	5.1	SR13	10/11/2019 23:15	29.32	79.3	5.78	5.6
SR13	10/11/2019 5:20	29.40	76.7	5.61	5.1	SR13	10/11/2019 11:20	29.18	73.8	5.41	4.0	SR13	10/11/2019 17:20	29.39	76.2	5.59	5.2	SR13	10/11/2019 23:20	29.33	80.0	5.84	4.8
SR13	10/11/2019 5:25	29.39	77.3	5.64	4.9	SR13	10/11/2019 11:25	29.17	74.4	5.46	3.9	SR13	10/11/2019 17:25	29.41	76.6	5.62	5.0	SR13	10/11/2019 23:25	29.30	78.2	5.71	4.8
SR13	10/11/2019 5:30	29.39	75.9	5.55	4.8	SR13	10/11/2019 11:30	29.18	74.7	5.49	3.8	SR13	10/11/2019 17:30	29.41	78.4	5.75	5.1	SR13	10/11/2019 23:30	29.31	78.9	5.76	5.5
SR13	10/11/2019 5:35	29.39	76.8	5.62	5.1	SR13	10/11/2019 11:35	29.18	76.3	5.60	4.2	SR13	10/11/2019 17:35	29.41	77.3	5.66	5.2	SR13	10/11/2019 23:35	29.29	77.9	5.69	4.7
SR13	10/11/2019 5:40	29.38	78.0	5.71	6.3	SR13	10/11/2019 11:40	29.18	75.0	5.50	4.3	SR13	10/11/2019 17:40	29.41	76.7	5.62	4.5	SR13	10/11/2019 23:40	29.25	80.2	5.86	5.7
SR13	10/11/2019 5:45	29.36	77.5	5.67	4.9	SR13	10/11/2019 11:45	29.20	77.1	5.66	5.1	SR13	10/11/2019 17:45	29.41	77.2	5.67	5.3	SR13	10/11/2019 23:45	29.31	78.8	5.74	4.9
SR13	10/11/2019 5:50	29.36	76.6	5.61	4.5	SR13	10/11/2019 11:50	29.20	75.4	5.52	5.2	SR13	10/11/2019 17:50	29.40	76.4	5.60	4.5	SR13	10/11/2019 23:50	29.23	81.2	5.93	6.1
SR13	10/11/2019 5:55	29.36	77.3	5.66	4.9	SR13	10/11/2019 11:55	29.20	77.5	5.67	5.3	SR13	10/11/2019 17:55	29.40	77.1	5.65	6.1	SR13	10/11/2019 23:55	29.22	80.4	5.86	5.1

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	10/11/2019 0:17	0.19				SR12	10/11/2019 0:17	0.28			
SR4	10/11/2019 0:37	0.22				SR12	10/11/2019 0:37	0.27			
SR4	10/11/2019 0:57	0.23				SR12	10/11/2019 0:57	0.29			
SR4	10/11/2019 1:17	0.23				SR12	10/11/2019 1:17	0.28			
SR4	10/11/2019 1:37	0.24				SR12	10/11/2019 1:37	0.29			
SR4	10/11/2019 1:57	0.25				SR12	10/11/2019 1:57	0.32			
SR4	10/11/2019 2:17	0.24				SR12	10/11/2019 2:17	0.30			
SR4	10/11/2019 2:37	0.24				SR12	10/11/2019 2:37	0.31			
SR4	10/11/2019 2:57	0.25				SR12	10/11/2019 2:57	0.32			
SR4	10/11/2019 3:17	0.26				SR12	10/11/2019 3:17	0.32			
SR4	10/11/2019 3:37	0.27				SR12	10/11/2019 3:37	0.31			
SR4	10/11/2019 3:57	0.27				SR12	10/11/2019 3:57	0.32			
SR4	10/11/2019 4:17	0.25				SR12	10/11/2019 4:17	0.33			
SR4	10/11/2019 4:37	0.25				SR12	10/11/2019 4:37	0.35			
SR4	10/11/2019 4:57	0.28				SR12	10/11/2019 4:57	0.37			
SR4	10/11/2019 5:17	0.30				SR12	10/11/2019 5:17	0.35			
SR4	10/11/2019 5:37	0.30				SR12	10/11/2019 5:37	0.36			
SR4	10/11/2019 5:57	0.30				SR12	10/11/2019 5:57	0.36			
SR4						SR12					
SR4	10/11/2019 6:37	0.32				SR12	10/11/2019 6:37	0.39			
SR4	10/11/2019 6:57	0.32				SR12	10/11/2019 6:57	0.40			
SR4	10/11/2019 7:17	0.30				SR12	10/11/2019 7:17	0.40			
SR4	10/11/2019 7:37	0.30				SR12	10/11/2019 7:37	0.42			
SR4	10/11/2019 7:57	0.33				SR12	10/11/2019 7:57	0.40			
SR4	10/11/2019 8:17	0.34				SR12	10/11/2019 8:17	0.42			
SR4	10/11/2019 8:37	0.38				SR12	10/11/2019 8:37	0.44			
SR4	10/11/2019 8:57	0.39				SR12	10/11/2019 8:57	0.44			
SR4	10/11/2019 9:17	0.39				SR12	10/11/2019 9:17	0.43			
SR4	10/11/2019 9:37	0.42				SR12	10/11/2019 9:37	0.44			
SR4	10/11/2019 9:57	0.42				SR12	10/11/2019 9:57	0.46			
SR4	10/11/2019 10:17	0.44				SR12					
SR4	10/11/2019 10:37	0.44				SR12					
SR4	10/11/2019 10:57	0.43				SR12					
SR4	10/11/2019 11:17	0.44				SR12					
SR4	10/11/2019 11:37	0.44				SR12	10/11/2019 11:37	0.45			
SR4	10/11/2019 11:57	0.43				SR12	10/11/2019 11:57	0.46			
SR4						SR12	10/11/2019 12:17	0.47			
SR4						SR12	10/11/2019 12:37	0.45			
SR4						SR12	10/11/2019 12:57	0.45			
SR4						SR12	10/11/2019 13:17	0.45			
SR4						SR12	10/11/2019 13:37	0.45			
SR4	10/11/2019 13:57	0.46				SR12	10/11/2019 13:57	0.46			
SR4	10/11/2019 14:17	0.46				SR12	10/11/2019 14:17	0.48			
SR4	10/11/2019 14:37	0.43				SR12	10/11/2019 14:37	0.47			
SR4	10/11/2019 14:57	0.46				SR12	10/11/2019 14:57	0.49			
SR4	10/11/2019 15:17	0.45				SR12	10/11/2019 15:17	0.50			
SR4	10/11/2019 15:37	0.44				SR12	10/11/2019 15:37	0.48			
SR4	10/11/2019 15:57	0.44				SR12	10/11/2019 15:57	0.50			
SR4	10/11/2019 16:17	0.44				SR12	10/11/2019 16:17	0.51			
SR4	10/11/2019 16:37	0.44				SR12	10/11/2019 16:37	0.49			
SR4	10/11/2019 16:57	0.45				SR12	10/11/2019 16:57	0.49			
SR4	10/11/2019 17:17	0.44				SR12	10/11/2019 17:17	0.49			
SR4	10/11/2019 17:37	0.46				SR12	10/11/2019 17:37	0.49			
SR4	10/11/2019 17:57	0.45				SR12	10/11/2019 17:57	0.50			
SR4	10/11/2019 18:17	0.45				SR12	10/11/2019 18:17	0.50			
SR4	10/11/2019 18:37	0.46				SR12	10/11/2019 18:37	0.52			
SR4	10/11/2019 18:57	0.46				SR12	10/11/2019 18:57	0.53			
SR4	10/11/2019 19:17	0.45				SR12	10/11/2019 19:17	0.52			
SR4	10/11/2019 19:37	0.46				SR12	10/11/2019 19:37	0.52			
SR4	10/11/2019 19:57	0.45				SR12	10/11/2019 19:57	0.52			
SR4	10/11/2019 20:17	0.45				SR12	10/11/2019 20:17	0.51			
SR4	10/11/2019 20:37	0.48				SR12	10/11/2019 20:37	0.53			
SR4	10/11/2019 20:57	0.45				SR12	10/11/2019 20:57	0.51			
SR4	10/11/2019 21:17	0.46				SR12	10/11/2019 21:17	0.53			
SR4	10/11/2019 21:37	0.45				SR12	10/11/2019 21:37	0.51			
SR4	10/11/2019 21:57	0.46				SR12	10/11/2019 21:57	0.51			
SR4	10/11/2019 22:17	0.46				SR12	10/11/2019 22:17	0.51			
SR4	10/11/2019 22:37	0.48				SR12	10/11/2019 22:37	0.52			
SR4	10/11/2019 22:57	0.49				SR12	10/11/2019 22:57	0.54			
SR4	10/11/2019 23:17	0.48				SR12	10/11/2019 23:17	0.53			
SR4	10/11/2019 23:37	0.49				SR12	10/11/2019 23:37	0.53			
SR4	10/11/2019 23:57	0.50				SR12	10/11/2019 23:57	0.54			

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 10:11-11:16.
SR13 monitoring station was under maintenance during 15:15-15:40.

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	10/12/2019 0:01	29.22	89.0	6.10	2.1	SR4	10/12/2019 6:01	29.10	85.8	5.88	4.7	SR4	10/12/2019 12:01	29.25	98.6	6.77	1.8	SR4	10/12/2019 18:01	29.39	101.5	6.95	8.3
SR4	10/12/2019 0:06	29.25	90.2	6.18	2.4	SR4	10/12/2019 6:06	29.10	86.0	5.89	4.5	SR4	10/12/2019 12:06	29.26	96.1	6.60	3.1	SR4	10/12/2019 18:06	29.37	102.1	7.00	7.2
SR4	10/12/2019 0:11	29.25	88.8	6.08	2.4	SR4	10/12/2019 6:11	29.09	85.9	5.88	4.5	SR4	10/12/2019 12:11	29.26	91.3	6.28	1.8	SR4	10/12/2019 18:11	29.36	102.9	7.04	8.0
SR4	10/12/2019 0:16	29.26	89.7	6.14	2.1	SR4	10/12/2019 6:16	29.09	86.1	5.90	5.5	SR4	10/12/2019 12:16	29.26	95.7	6.58	2.2	SR4	10/12/2019 18:16	29.36	102.6	7.03	6.8
SR4	10/12/2019 0:21	29.28	86.0	5.89	1.7	SR4	10/12/2019 6:21	29.10	86.1	5.90	5.4	SR4	10/12/2019 12:21	29.26	97.8	6.72	1.9	SR4	10/12/2019 18:21	29.36	102.1	7.00	**10.5**
SR4	10/12/2019 0:26	29.28	85.0	5.82	2.0	SR4	10/12/2019 6:26	29.10	82.5	5.65	4.8	SR4	10/12/2019 12:26	29.26	92.1	6.32	1.7	SR4	10/12/2019 18:26	29.36	101.7	6.96	8.4
SR4	10/12/2019 0:31	29.27	86.0	5.89	1.6	SR4	10/12/2019 6:31	29.09	82.3	5.64	4.4	SR4	10/12/2019 12:31	29.24	85.6	5.87	3.7	SR4	10/12/2019 18:31	29.36	99.6	6.83	9.2
SR4	10/12/2019 0:36	29.27	83.3	5.70	1.8	SR4	10/12/2019 6:36	29.10	84.4	5.78	5.2	SR4	10/12/2019 12:36	29.27	95.5	6.55	3.4	SR4	10/12/2019 18:36	29.35	101.2	6.94	**10.2**
SR4	10/12/2019 0:41	29.27	82.6	5.65	1.3	SR4	10/12/2019 6:41	29.11	83.0	5.69	5.8	SR4	10/12/2019 12:41	29.27	94.0	6.44	3.0	SR4	10/12/2019 18:41	29.35	100.9	6.91	**10.3**
SR4	10/12/2019 0:46	29.23	82.6	5.66	2.4	SR4	10/12/2019 6:46	29.11	81.4	5.57	5.1	SR4	10/12/2019 12:46	29.24	90.9	6.23	3.4	SR4	10/12/2019 18:46	29.34	98.7	6.76	8.1
SR4	10/12/2019 0:51	29.24	83.6	5.74	2.1	SR4	10/12/2019 6:51	29.10	82.7	5.66	5.3	SR4	10/12/2019 12:51	29.27	86.6	5.94	3.7	SR4	10/12/2019 18:51	29.35	96.8	6.64	7.0
SR4	10/12/2019 0:56	29.26	80.8	5.53	1.3	SR4	10/12/2019 6:56	29.10	79.1	5.41	4.6	SR4	10/12/2019 12:56	29.33	91.4	6.28	2.1	SR4	10/12/2019 18:56	29.31	95.2	6.52	**10.1**
SR4	10/12/2019 1:01	29.26	79.5	5.45	1.0	SR4	10/12/2019 7:01	29.10	80.2	5.50	4.2	SR4	10/12/2019 13:01	29.33	96.0	6.59	2.1	SR4	10/12/2019 19:01	29.30	92.7	6.35	9.0
SR4	10/12/2019 1:06	29.24	79.2	5.42	1.4	SR4	10/12/2019 7:06	29.10	80.3	5.50	4.7	SR4	10/12/2019 13:06	29.34	98.3	6.76	2.6	SR4	10/12/2019 19:06	29.31	93.7	6.42	**10.4**
SR4	10/12/2019 1:11	29.22	83.5	5.72	4.2	SR4	10/12/2019 7:11	29.11	78.8	5.38	4.7	SR4	10/12/2019 13:11	29.31	95.7	6.56	3.9	SR4	10/12/2019 19:11	29.28	90.5	6.20	9.5
SR4	10/12/2019 1:16	29.23	79.9	5.48	1.2	SR4	10/12/2019 7:16	29.11	80.8	5.52	4.7	SR4	10/12/2019 13:16	29.36	84.8	5.81	1.6	SR4	10/12/2019 19:16	29.25	88.1	6.04	7.6
SR4	10/12/2019 1:21	29.24	79.2	5.44	1.7	SR4	10/12/2019 7:21	29.11	80.4	5.50	4.8	SR4	10/12/2019 13:21	29.38	84.1	5.76	1.7	SR4	10/12/2019 19:21	29.25	88.8	6.08	**10.1**
SR4	10/12/2019 1:26	29.24	78.0	5.34	1.3	SR4	10/12/2019 7:26	29.11	81.0	5.54	7.3	SR4	10/12/2019 13:26	29.37	85.9	5.88	3.1	SR4	10/12/2019 19:26	29.24	89.4	6.12	**11.4**
SR4	10/12/2019 1:31	29.23	73.4	5.03	2.3	SR4	10/12/2019 7:31	29.11	81.9	5.60	5.9	SR4	10/12/2019 13:31	29.45	91.0	6.23	2.1	SR4	10/12/2019 19:31	29.24	87.1	5.96	8.7
SR4	10/12/2019 1:36	29.23	72.5	4.97	1.3	SR4	10/12/2019 7:36	29.12	81.9	5.60	8.2	SR4	10/12/2019 13:36	29.38	89.9	6.17	2.4	SR4	10/12/2019 19:36	29.22	87.5	5.99	8.9
SR4	10/12/2019 1:41	29.21	73.7	5.05	1.2	SR4	10/12/2019 7:41	29.12	81.4	5.57	7.2	SR4	10/12/2019 13:41	29.40	89.1	6.11	2.2	SR4	10/12/2019 19:41	29.22	86.3	5.90	8.1
SR4	10/12/2019 1:46	29.21	71.6	4.91	3.0	SR4	10/12/2019 7:46	29.12	81.3	5.57	5.5	SR4	10/12/2019 13:46	29.33	88.0	6.02	3.6	SR4	10/12/2019 19:46	29.20	84.6	5.80	7.1
SR4	10/12/2019 1:51	29.22	84.8	5.80	5.5	SR4	10/12/2019 7:51	29.12	81.4	5.57	5.2	SR4	10/12/2019 13:51	29.42	91.1	6.23	2.8	SR4	10/12/2019 19:51	29.21	83.8	5.74	7.3
SR4	10/12/2019 1:56	29.20	78.2	5.35	2.0	SR4	10/12/2019 7:56	29.12	79.6	5.44	5.4	SR4	10/12/2019 13:56	29.38	89.6	6.13	2.2	SR4	10/12/2019 19:56	29.23	85.7	5.87	7.0
SR4	10/12/2019 2:01	29.21	80.8	5.53	4.3	SR4	10/12/2019 8:01	29.12	82.2	5.63	6.7	SR4	10/12/2019 14:01	29.28	89.1	6.11	4.6	SR4	10/12/2019 20:01	29.21	83.8	5.74	8.3
SR4	10/12/2019 2:06	29.21	78.5	5.38	2.6	SR4	10/12/2019 8:06	29.12	81.8	5.59	5.9	SR4	10/12/2019 14:06	29.30	91.7	6.28	4.3	SR4	10/12/2019 20:06	29.20	85.2	5.83	**10.1**
SR4	10/12/2019 2:11	29.20	72.0	4.93	1.9	SR4	10/12/2019 8:11	29.12	81.1	5.54	5.1	SR4	10/12/2019 14:11	29.29	88.8	6.08	3.9	SR4	10/12/2019 20:11	29.19	84.3	5.77	9.6
SR4	10/12/2019 2:16	29.20	76.5	5.23	3.7	SR4	10/12/2019 8:16	29.12	80.4	5.50	5.9	SR4	10/12/2019 14:16	29.32	93.5	6.40	4.1	SR4	10/12/2019 20:16	29.19	84.1	5.75	8.4
SR4	10/12/2019 2:21	29.20	80.3	5.50	2.7	SR4	10/12/2019 8:21	29.12	80.4	5.50	5.6	SR4	10/12/2019 14:21	29.33	95.3	6.52	5.5	SR4	10/12/2019 20:21	29.19	83.3	5.70	8.8
SR4	10/12/2019 2:26	29.20	72.2	4.94	2.4	SR4	10/12/2019 8:26	29.12	81.2	5.56	5.6	SR4	10/12/2019 14:26	29.32	94.3	6.46	4.9	SR4	10/12/2019 20:26	29.19	85.4	5.86	7.1
SR4	10/12/2019 2:31	29.19	71.5	4.90	2.2	SR4	10/12/2019 8:31	29.12	85.8	5.87	4.2	SR4	10/12/2019 14:31	29.33	94.6	6.48	5.8	SR4	10/12/2019 20:31	29.18	83.7	5.75	5.6
SR4	10/12/2019 2:36	29.14	67.6	4.63	1.3	SR4	10/12/2019 8:36	29.13	85.8	5.87	3.8	SR4	10/12/2019 14:36	29.27	95.2	6.54	3.8	SR4	10/12/2019 20:36	29.20	82.0	5.63	5.7
SR4	10/12/2019 2:41	29.17	71.5	4.90	2.9	SR4	10/12/2019 8:41	29.14	88.4	6.06	3.7	SR4	10/12/2019 14:41	29.28	94.2	6.47	3.2	SR4	10/12/2019 20:41	29.20	82.1	5.62	6.0
SR4	10/12/2019 2:46	29.14	69.2	4.74	1.3	SR4	10/12/2019 8:46	29.13	88.3	6.05	3.9	SR4	10/12/2019 14:46	29.34	100.4	6.88	4.3	SR4	10/12/2019 20:46	29.22	86.5	5.93	4.1
SR4	10/12/2019 2:51	29.21	73.8	5.04	3.7	SR4	10/12/2019 8:51	29.15	88.1	6.04	3.3	SR4	10/12/2019 14:51	29.40	104.2	7.13	4.2	SR4	10/12/2019 20:51	29.23	83.6	5.72	3.9
SR4	10/12/2019 2:56	29.20	79.9	5.46	5.8	SR4	10/12/2019 8:56	29.17	90.0	6.17	2.8	SR4	10/12/2019 14:56	29.35	108.2	7.43	4.1	SR4	10/12/2019 20:56	29.25	91.5	6.28	5.1
SR4	10/12/2019 3:01	29.15	73.7	5.04	2.4	SR4	10/12/2019 9:01	29.18	89.9	6.16	2.4	SR4	10/12/2019 15:01	29.39	105.3	7.21	4.6	SR4	10/12/2019 21:01	29.25	91.4	6.28	4.5
SR4	10/12/2019 3:06	29.14	73.4	5.03	2.1	SR4	10/12/2019 9:06	29.19	92.3	6.32	2.7	SR4	10/12/2019 15:06	29.44	108.6	7.44	4.5	SR4	10/12/2019 21:06	29.27	95.8	6.58	3.8
SR4	10/12/2019 3:11	29.21	80.6	5.51	3.7	SR4	10/12/2019 9:11	29.18	92.0	6.30	3.2	SR4	10/12/2019 15:11	29.44	111.1	7.61	4.8	SR4	10/12/2019 21:11	29.26	98.3	6.77	8.5
SR4	10/12/2019 3:16	29.20	77.5	5.30	3.1	SR4	10/12/2019 9:16	29.19	91.8	6.29	2.0	SR4	10/12/2019 15:16	29.44	111.9	7.67	**32.1**	SR4	10/12/2019 21:16	29.28	100.5	6.90	4.0
SR4	10/12/2019 3:21	29.19	79.1	5.41	3.6	SR4	10/12/2019 9:21	29.19	91.3	6.25	2.3	SR4	10/12/2019 15:21	29.46	116.2	7.96	8.3	SR4	10/12/2019 21:21	29.28	100.6	6.91	4.1
SR4	10/12/2019 3:26	29.19	80.6	5.51	4.5	SR4	10/12/2019 9:26	29.21	91.4	6.25	2.3	SR4	10/12/2019 15:26	29.47	117.3	8.03	5.2	SR4	10/12/2019 21:26	29.29	101.3	6.96	4.3
SR4	10/12/2019 3:31	29.19	80.7	5.52	3.1	SR4	10/12/2019 9:31	29.19	90.3	6.18	2.7	SR4	10/12/2019 15:31	29.48	117.0	8.00	4.9	SR4	10/12/2019 21:31	29.30	101.9	7.00	3.9
SR4	10/12/2019 3:36	29.18	82.0	5.60	3.1	SR4	10/12/2019 9:36	29.19	90.5	6.19	2.8	SR4	10/12/2019 15:36	29.49	120.3	8.23	6.3	SR4	10/12/2019 21:36	29.30	96.5	6.62	3.0
SR4	10/12/2019 3:41	29.14	83.7	5.74	3.1	SR4	10/12/2019 9:41	29.19	90.9	6.23	3.6	SR4	10/12/2019 15:41	29.49	121.7	8.33	6.6	SR4	10/12/2019 21:41	29.30	94.6	6.49	2.0
SR4	10/12/2019 3:46	29.12	83.0	5.69	2.5	SR4	10/12/2019 9:46	29.25	92.8	6.35	2.9	SR4	10/12/2019 15:46	29.50	120.9	8.28	5.3	SR4	10/12/2019 21:46	29.31	95.8	6.58	3.3
SR4	10/12/2019 3:51	29.09	86.4	5.92	8.8	SR4	10/12/2019 9:51	29.18	88.3	6.05	2.7	SR4	10/12/2019 15:51	29.50	120.9	8.28	4.4	SR4	10/12/2019 21:51	29.32	100.5	6.90	4.1
SR4	10/12/2019 3:56	29.05	83.4	5.72	2.2	SR4	10/12/2019 9:56	29.19	88.6	6.06	3.4	SR4	10/12/2019 15:56	29.51	124.9	8.56	4.8	SR4	10/12/2019 21:56	29.31	97.8	6.71	2.8
SR4	10/12/2019 4:01	29.08	84.3	5.78	3.1	SR4	10/12/2019 10:01	29.23	92.8	6.35	2.3	SR4	10/12/2019 16:01	29.59	132.6	9.10	3.5	SR4	10/12/2019 22:01	29.24	103.2	7.09	2.2
SR4	10/12/2019 4:06	29.08	82.0	5.62	2.6	SR4	10/12/2019 10:06	29.22	88.3	6.06	2.2	SR4	10/12/2019 16:06	29.62	138.7	9.50	3.9	SR4	10/12/2019 22:06	29.24	102.5	7.04	2.0
SR4	10/12/2019 4:11	29.07	82.6	5.66	2.6	SR4	10/12/2019 10:11	29.23	90.3	6.18	2.3	SR4	10/12/2019 16:11	29.60	135.2	9.28	3.5	SR4	10/12/2019 22:11	29.31	106.6	7.32	4.3
SR4	10/12/2019 4:16	29.04	86.6	5.95	2.9	SR4	10/12/2019 10:16	29.24	91.7	6.28	1.9	SR4	10/12/2019 16:16	29.61	136.3	9.34	3.3	SR4	10/12/2019 22:16	29.53	105.1	7.19	2.7
SR4	10/12/2019 4:21	29.05	90.3	6.20	3.2	SR4	10/12/2019 10:21	29.25	94.6	6.48	2.4	SR4	10/12/2019 16:21	29.60	139.7	9.56	7.2	SR4	10/12/2019 22:21	29.58	105.6	7.24	3.2
SR4	10/12/2019 4:26	29.06	88.0	6.04	3.0	SR4	10/12/2019 10:26	29.24	94.5	6.48	2.7	SR4	10/12/2019 16:26	29.64	131.1	9.00	4.6	SR4	10/12/2019 22:26	29.42	104.5	7.16	2.4
SR4	10/12/2019 4:31	29.04	90.4	6.20	2.9	SR4	10/12/2019 10:31	29.24	96.9	6.64	4.7	SR4	10/12/2019 16:31	29.67	128.5	8.81	4.7	SR4	10/12/2019 22:31	29.44	101.7	6.97	2.0
SR4	10/12/2019 4:36	29.06	87.5	6.01	2.5	SR4	10/12/2019 10:36	29.23	94.0	6.44	2.3	SR4	10/12/2019 16:36	29.67	127.3	8.72	4.5	SR4	10/12/2019 22:36	29.45	103.0	7.06	2.4
SR4	10/12/2019 4:41	29.06	89.6	6.14	3.0	SR4	10/12/2019 10:41	29.23	93.7	6.42	2.1	SR4	10/12/2019 16:41	29.66	128.8	8.82	4.5	SR4	10/12/2019 22:41	29.45	96.0	6.58	1.4
SR4	10/12/2019 4:46	29.07	92.1	6.32	3.6	SR4	10/12/2019 10:46	29.23	93.4	6.41	3.1	SR4	10/12/2019 16:46	29.65	131.8	9.04	4.5	SR4	10/12/2019 22:46	29.45	98.2	6.73	2.3
SR4	10/12/2019 4:51	29.05	93.4	6.41	3.0	SR4	10/12/2019 10:51	29.23	94.2	6.46	4.0	SR4	10/12/2019 16:51	29.64	133.1	9.12	6.0	SR4	10/12/2019 22:51	29.43	97.8	6.71	1.6
SR4	10/12/2019 4:56	29.07	95.0	6.52	2.9	SR4	10/12/2019 10:56	29.22	97.4	6.70	4.0	SR4	10/12/2019 16:56	29.64	131.9	9.06	4.8	SR4	10/12/2019 22:56	29.42	97.9	6.71	1.6
SR4	10/12/2019 5:01	29.06	95.5	6.55	2.9	SR4	10/12/2019 11:01	29.23	97.2	6.67	3.0	SR4	10/12/2019 17:01	29.64	135.6	9.30	6.2	SR4	10/12/2019 23:01	29.40	100.6	6.91	1.8
SR4	10/12/2019 5:06	29.05	96.8	6.65	3.2	SR4	10/12/2019 11:06	29.24	97.2	6.67	2.7	SR4	10/12/2019 17:06	29.63	132.4	9.08	7.3	SR4	10/12/2019 23:06	29.40	101.7	6.97	2.2
SR4	10/12/2019 5:11	29.05	96.8	6.65	2.9	SR4	10/12/2019 11:11	29.23	98.2	6.74	2.9	SR4	10/12/2019 17:11	29.56	123.5	8.47	9.0	SR4	10/12/2019 23:11	29.39	98.8	6.78	1.8
SR4	10/12/2019 5:16	29.10	90.9	6.23	5.0	SR4	10/12/2019 11:16	29.23	97.5	6.68	3.3	SR4	10/12/2019 17:16	29.66	124.4	8.54	5.1	SR4	10/12/2019 23:16	29.39	98.3	6.74	1.6
SR4	10/12/2019 5:21	29.10	89.8	6.14	5.6	SR4	10/12/2019 11:21	29.23	99.7	6.85	3.6	SR4	10/12/2019 17:21	29.61	126.2	8.64	7.3	SR4	10/12/2019 23:21	29.38	96.5	6.62	2.7
SR4	10/12/2019 5:26	29.10	90.6	6.20	5.0	SR4	10/12/2019 11:26	29.24	96.5	6.62	2.9	SR4	10/12/2019 17:26	29.45	116.6	7.99	8.0	SR4	10/12/2019 23:26	29.37	97.3	6.68	1.8
SR4	10/12/2019 5:31	29.10	88.9	6.10	5.1	SR4	10/12/2019 11:31	29.24	98.4	6.76	2.4	SR4	10/12/2019 17:31	29.46	117.3	8.03	7.7	SR4	10/12/2019 23:31	29.37	93.7	6.44	1.8
SR4	10/12/2019 5:36	29.10	87.6	6.01	4.2	SR4	10/12/2019 11:36	29.23	98.6	6.77	2.9	SR4	10/12/2019 17:36	29.47	117.9	8.06	7.5	SR4	10/12/2019 23:36	29.34	101.8	6.98	2.8
SR4	10/12/2019 5:41	29.10	86.1	5.90	4.4	SR4	10/12/2019 11:41	29.23	100.5	6.90	2.7	SR4	10/12/2019 17:41	29.46	115.2	7.88	7.3	SR4	10/12/2019 23:41	29.35	105.2	7.25	2.9
SR4	10/12/2019 5:46	29.10	86.0	5.89	4.4	SR4	10/12/2019 11:46	29.25	96.5	6.62	2.4	SR4	10/12/2019 17:46	29.42	109.0	7.46	9.0	SR4	10/12/2019 23:46	29.38	104.5	7.20	1.9
SR4	10/12/2019 5:51	29.10	84.0	5.75	4.1	SR4	10/12/2019 11:51	29.25	98.4	6.76	4.0	SR4	10/12/2019 17:51	29.41	108.2	7.40	8.8	SR4	10/12/2019 23:51	29.37	105.7	7.27	2.3
SR4	10/12/2019 5:56	29.10	83.1	5.69	5.9	SR4	10/12/2019 11:56	29.25	98.2	6.74	2.2	SR4	10/12/2019 17:56	29.40	104.0	7.12	7.8	SR4	10/12/2019 23:56	29.36	104.7	7.20	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)
SR5	10/12/2019 0:00	29.22	85.9	5.49	5.9	SR5	10/12/2019 6:00	29.27	90.3	5.80	5.7	SR5	10/12/2019 12:00	29.59	121.0	7.75	6.1	SR5	10/12/2019 18:00	29.56	107.9	6.94	5.3
SR5	10/12/2019 0:05	29.22	86.6	5.54	4.8	SR5	10/12/2019 6:05	29.26	87.3	5.60	5.8	SR5	10/12/2019 12:05	29.61	119.8	7.66	5.6	SR5	10/12/2019 18:05	29.54	105.0	6.75	6.4
SR5	10/12/2019 0:10	29.25	86.9	5.55	4.9	SR5	10/12/2019 6:10	29.25	87.6	5.62	5.5	SR5	10/12/2019 12:10	29.58	118.6	7.59	5.7	SR5	10/12/2019 18:10	29.55	105.2	6.76	5.9
SR5	10/12/2019 0:15	29.25	88.3	5.65	5.1	SR5	10/12/2019 6:15	29.23	87.2	5.59	5.7	SR5	10/12/2019 12:15	29.65	115.2	7.37	5.9	SR5	10/12/2019 18:15	29.55	106.2	6.83	6.8
SR5	10/12/2019 0:20	29.26	89.4	5.72	4.7	SR5	10/12/2019 6:20	29.22	85.6	5.49	6.6	SR5	10/12/2019 12:20	29.62	113.2	7.23	6.4	SR5	10/12/2019 18:20	29.55	105.7	6.79	5.4
SR5	10/12/2019 0:25	29.25	89.5	5.73	4.8	SR5	10/12/2019 6:25	29.22	87.8	5.63	6.0	SR5	10/12/2019 12:25	29.77	118.6	7.57	6.7	SR5	10/12/2019 18:25	29.55	106.3	6.83	6.9
SR5	10/12/2019 0:30	29.18	92.3	5.93	4.8	SR5	10/12/2019 6:30	29.22	86.9	5.56	5.2	SR5	10/12/2019 12:30	29.80	125.0	8.00	6.2	SR5	10/12/2019 18:30	29.48	102.5	6.58	5.6
SR5	10/12/2019 0:35	29.18	93.4	6.00	5.1	SR5	10/12/2019 6:35	29.23	87.0	5.57	5.7	SR5	10/12/2019 12:35	29.80	130.0	8.33	5.8	SR5	10/12/2019 18:35	29.43	99.2	6.36	5.8
SR5	10/12/2019 0:40	29.17	92.8	5.96	4.0	SR5	10/12/2019 6:40	29.22	86.3	5.52	5.8	SR5	10/12/2019 12:40	29.75	135.0	8.66	6.1	SR5	10/12/2019 18:40	29.41	97.2	6.23	6.2
SR5	10/12/2019 0:45	29.18	94.6	6.08	5.3	SR5	10/12/2019 6:45	29.23	85.3	5.46	5.0	SR5	10/12/2019 12:45	29.71	129.7	8.33	5.3	SR5	10/12/2019 18:45	29.41	96.7	6.20	5.5
SR5	10/12/2019 0:50	29.18	95.7	6.15	5.5	SR5	10/12/2019 6:50	29.23	86.1	5.51	5.7	SR5	10/12/2019 12:50	29.69	127.4	8.18	6.0	SR5	10/12/2019 18:50	29.40	96.4	6.18	5.4
SR5	10/12/2019 0:55	29.23	94.8	6.09	5.5	SR5	10/12/2019 6:55	29.23	85.8	5.49	5.6	SR5	10/12/2019 12:55	29.70	128.5	8.25	5.7	SR5	10/12/2019 18:55	29.40	97.0	6.22	4.1
SR5	10/12/2019 1:00	29.22	96.4	6.20	5.5	SR5	10/12/2019 7:00	29.22	85.4	5.46	5.1	SR5	10/12/2019 13:00	29.66	128.3	8.24	6.3	SR5	10/12/2019 19:00	29.41	96.0	6.15	5.4
SR5	10/12/2019 1:05	29.22	96.3	6.20	6.3	SR5	10/12/2019 7:05	29.22	84.4	5.40	5.5	SR5	10/12/2019 13:05	29.68	129.0	8.29	5.5	SR5	10/12/2019 19:05	29.37	94.1	6.02	6.6
SR5	10/12/2019 1:10	29.22	96.6	6.21	4.5	SR5	10/12/2019 7:10	29.22	83.3	5.33	5.0	SR5	10/12/2019 13:10	29.66	127.3	8.18	6.3	SR5	10/12/2019 19:10	29.35	92.3	5.90	5.7
SR5	10/12/2019 1:15	29.16	100.1	6.46	5.2	SR5	10/12/2019 7:15	29.19	82.4	5.27	5.9	SR5	10/12/2019 13:15	29.64	125.2	8.05	5.3	SR5	10/12/2019 19:15	29.33	91.6	5.86	4.6
SR5	10/12/2019 1:20	29.16	98.4	6.35	4.4	SR5	10/12/2019 7:20	29.18	82.0	5.24	6.4	SR5	10/12/2019 13:20	29.63	123.6	7.95	5.9	SR5	10/12/2019 19:20	29.33	91.4	5.84	4.7
SR5	10/12/2019 1:25	29.18	96.5	6.21	5.0	SR5	10/12/2019 7:25	29.17	80.5	5.61	6.4	SR5	10/12/2019 13:25	29.69	126.5	8.13	6.4	SR5	10/12/2019 19:25	29.32	90.4	5.77	6.5
SR5	10/12/2019 1:30	29.19	96.2	6.19	5.5	SR5	10/12/2019 7:30	29.17	79.4	5.53	5.5	SR5	10/12/2019 13:30	29.73	143.5	9.22	6.5	SR5	10/12/2019 19:30	29.32	90.0	5.75	4.9
SR5	10/12/2019 1:35	29.22	96.2	6.19	5.0	SR5	10/12/2019 7:35	29.17	79.7	5.55	4.5	SR5	10/12/2019 13:35	29.69	138.6	8.91	5.9	SR5	10/12/2019 19:35	29.33	90.7	5.80	5.9
SR5	10/12/2019 1:40	29.20	100.8	6.51	6.1	SR5	10/12/2019 7:40	29.16	79.2	5.52	5.5	SR5	10/12/2019 13:40	29.66	136.2	8.76	5.4	SR5	10/12/2019 19:40	29.32	89.7	5.74	5.3
SR5	10/12/2019 1:45	29.22	107.1	6.94	5.7	SR5	10/12/2019 7:45	29.16	81.8	5.71	6.1	SR5	10/12/2019 13:45	29.80	136.3	8.75	6.0	SR5	10/12/2019 19:45	29.31	88.5	5.65	5.0
SR5	10/12/2019 1:50	29.24	109.6	7.12	5.0	SR5	10/12/2019 7:50	29.15	80.7	5.63	5.5	SR5	10/12/2019 13:50	29.83	136.5	8.75	5.1	SR5	10/12/2019 19:50	29.29	88.6	5.66	5.5
SR5	10/12/2019 1:55	29.27	111.1	7.21	5.6	SR5	10/12/2019 7:55	29.14	80.2	5.59	6.0	SR5	10/12/2019 13:55	29.82	136.5	8.76	5.7	SR5	10/12/2019 19:55	29.27	88.3	5.64	4.6
SR5	10/12/2019 2:00	29.31	113.3	7.37	5.6	SR5	10/12/2019 8:00	29.13	83.4	5.83	5.0	SR5	10/12/2019 14:00	29.81	135.5	8.70	6.0	SR5	10/12/2019 20:00	29.27	88.0	5.62	4.6
SR5	10/12/2019 2:05	29.30	113.7	7.40	4.1	SR5	10/12/2019 8:05	29.13	82.8	5.79	5.7	SR5	10/12/2019 14:05	29.78	134.0	8.60	6.8	SR5	10/12/2019 20:05	29.26	87.7	5.60	4.8
SR5	10/12/2019 2:10	29.31	114.4	7.44	4.7	SR5	10/12/2019 8:10	29.13	83.1	5.81	6.3	SR5	10/12/2019 14:10	29.76	131.7	8.46	6.6	SR5	10/12/2019 20:10	29.26	87.8	5.61	4.4
SR5	10/12/2019 2:15	29.30	114.6	7.46	5.3	SR5	10/12/2019 8:15	29.13	84.1	5.88	6.5	SR5	10/12/2019 14:15	29.72	127.6	8.20	6.6	SR5	10/12/2019 20:15	29.27	87.3	5.57	6.2
SR5	10/12/2019 2:20	29.32	113.5	7.38	5.7	SR5	10/12/2019 8:20	29.12	82.2	5.73	6.7	SR5	10/12/2019 14:20	29.69	125.6	8.07	5.2	SR5	10/12/2019 20:20	29.25	86.7	5.53	5.0
SR5	10/12/2019 2:25	29.34	114.3	7.42	5.3	SR5	10/12/2019 8:25	29.12	84.1	5.88	5.2	SR5	10/12/2019 14:25	29.69	126.3	8.12	5.9	SR5	10/12/2019 20:25	29.24	87.0	5.55	5.5
SR5	10/12/2019 2:30	29.32	113.9	7.40	5.1	SR5	10/12/2019 8:30	29.12	84.5	5.91	6.4	SR5	10/12/2019 14:30	29.75	128.7	8.27	6.0	SR5	10/12/2019 20:30	29.25	86.9	5.54	5.8
SR5	10/12/2019 2:35	29.33	113.7	7.40	5.3	SR5	10/12/2019 8:35	29.11	84.7	5.93	5.5	SR5	10/12/2019 14:35	29.75	127.6	8.20	7.0	SR5	10/12/2019 20:35	29.24	86.0	5.49	6.3
SR5	10/12/2019 2:40	29.33	112.8	7.33	5.2	SR5	10/12/2019 8:40	29.11	83.9	5.86	6.2	SR5	10/12/2019 14:40	29.77	127.8	8.21	5.7	SR5	10/12/2019 20:40	29.23	86.9	5.54	4.7
SR5	10/12/2019 2:45	29.34	113.3	7.36	4.7	SR5	10/12/2019 8:45	29.11	81.7	5.70	5.4	SR5	10/12/2019 14:45	29.75	126.4	8.12	6.2	SR5	10/12/2019 20:45	29.22	86.8	5.53	5.0
SR5	10/12/2019 2:50	29.32	113.3	7.36	4.9	SR5	10/12/2019 8:50	29.11	82.1	5.73	5.0	SR5	10/12/2019 14:50	29.75	125.0	8.04	5.6	SR5	10/12/2019 20:50	29.21	86.2	5.49	4.9
SR5	10/12/2019 2:55	29.32	112.8	7.33	5.7	SR5	10/12/2019 8:55	29.11	82.0	5.73	5.7	SR5	10/12/2019 14:55	29.74	124.9	8.02	6.3	SR5	10/12/2019 20:55	29.21	85.6	5.46	4.1
SR5	10/12/2019 3:00	29.29	112.5	7.31	5.1	SR5	10/12/2019 9:00	29.11	79.1	5.51	5.9	SR5	10/12/2019 15:00	29.75	124.2	7.98	5.7	SR5	10/12/2019 21:00	29.20	85.5	5.45	5.2
SR5	10/12/2019 3:05	29.30	112.3	7.30	5.3	SR5	10/12/2019 9:05	29.11	82.5	5.76	6.1	SR5	10/12/2019 15:05	29.75	123.7	7.94	5.6	SR5	10/12/2019 21:05	29.20	85.4	5.44	5.4
SR5	10/12/2019 3:10	29.30	111.7	7.26	5.1	SR5	10/12/2019 9:10	29.16	79.9	5.56	5.8	SR5	10/12/2019 15:10	29.76	124.2	7.98	5.2	SR5	10/12/2019 21:10	29.19	85.3	5.43	5.6
SR5	10/12/2019 3:15	29.29	111.2	7.23	5.0	SR5	10/12/2019 9:15	29.19	82.9	5.78	5.5	SR5	10/12/2019 15:15	29.78	127.4	8.18	5.7	SR5	10/12/2019 21:15	29.19	85.7	5.46	5.8
SR5	10/12/2019 3:20	29.28	111.1	7.23	5.7	SR5	10/12/2019 9:20	29.19	80.4	5.59	5.4	SR5	10/12/2019 15:20	29.77	126.9	8.15	5.7	SR5	10/12/2019 21:20	29.20	86.2	5.50	4.5
SR5	10/12/2019 3:25	29.29	111.4	7.24	5.1	SR5	10/12/2019 9:25	29.21	84.9	5.41	5.4	SR5	10/12/2019 15:25	29.83	135.1	8.68	5.9	SR5	10/12/2019 21:25	29.19	85.8	5.47	4.8
SR5	10/12/2019 3:30	29.29	110.9	7.21	5.8	SR5	10/12/2019 9:30	29.21	85.4	5.45	5.0	SR5	10/12/2019 15:30	29.77	128.6	8.26	5.6	SR5	10/12/2019 21:30	29.19	85.7	5.46	4.3
SR5	10/12/2019 3:35	29.29	110.3	7.17	5.3	SR5	10/12/2019 9:35	29.19	84.7	5.40	5.8	SR5	10/12/2019 15:35	29.80	129.5	8.33	5.6	SR5	10/12/2019 21:35	29.19	85.9	5.48	6.6
SR5	10/12/2019 3:40	29.27	110.0	7.15	5.3	SR5	10/12/2019 9:40	29.20	83.4	5.31	5.3	SR5	10/12/2019 15:40	29.78	128.0	8.22	6.1	SR5	10/12/2019 21:40	29.19	85.6	5.45	4.3
SR5	10/12/2019 3:45	29.19	110.4	7.19	6.2	SR5	10/12/2019 9:45	29.19	83.5	5.32	6.2	SR5	10/12/2019 15:45	29.76	126.4	8.12	6.4	SR5	10/12/2019 21:45	29.19	85.1	5.42	6.5
SR5	10/12/2019 3:50	29.22	111.1	7.24	4.6	SR5	10/12/2019 9:50	29.17	83.6	5.33	5.5	SR5	10/12/2019 15:50	29.75	124.8	8.02	5.8	SR5	10/12/2019 21:50	29.18	84.5	5.38	5.9
SR5	10/12/2019 3:55	29.25	110.5	7.19	5.8	SR5	10/12/2019 9:55	29.18	84.3	5.37	4.9	SR5	10/12/2019 15:55	29.75	124.9	8.04	5.5	SR5	10/12/2019 21:55	29.18	84.0	5.35	4.0
SR5	10/12/2019 4:00	29.25	109.5	7.12	5.6	SR5	10/12/2019 10:00	29.20	84.3	5.37	5.4	SR5	10/12/2019 16:00	29.76	125.7	8.08	5.6	SR5	10/12/2019 22:00	29.17	83.6	5.33	4.6
SR5	10/12/2019 4:05	29.23	110.0	7.16	6.0	SR5	10/12/2019 10:05	29.31	94.5	6.03	5.9	SR5	10/12/2019 16:05	29.76	127.0	8.16	6.4	SR5	10/12/2019 22:05	29.17	83.5	5.32	4.6
SR5	10/12/2019 4:10	29.24	109.1	7.10	5.5	SR5	10/12/2019 10:10	29.30	93.4	5.97	5.8	SR5	10/12/2019 16:10	29.77	128.9	8.28	5.4	SR5	10/12/2019 22:10	29.16	84.9	5.42	5.3
SR5	10/12/2019 4:15	29.24	108.2	7.04	5.7	SR5	10/12/2019 10:15	29.26	90.3	5.76	5.1	SR5	10/12/2019 16:15	29.79	130.9	8.41	6.3	SR5	10/12/2019 22:15	29.17	84.1	5.36	4.0
SR5	10/12/2019 4:20	29.24	108.5	7.06	5.9	SR5	10/12/2019 10:20	29.27	91.0	5.81	4.8	SR5	10/12/2019 16:20	29.79	130.6	8.39	5.9	SR5	10/12/2019 22:20	29.22	89.5	5.71	6.3
SR5	10/12/2019 4:25	29.24	108.0	7.02	6.4	SR5	10/12/2019 10:25	29.33	92.5	5.90	5.1	SR5	10/12/2019 16:25	29.78	128.0	8.23	5.7	SR5	10/12/2019 22:25	29.24	87.8	5.60	5.1
SR5	10/12/2019 4:30	29.26	108.5	7.05	5.4	SR5	10/12/2019 10:30	29.34	91.9	5.86	4.2	SR5	10/12/2019 16:30	29.76	125.3	8.06	6.2	SR5	10/12/2019 22:30	29.24	88.3	5.63	4.7
SR5	10/12/2019 4:35	29.28	108.9	7.08	5.8	SR5	10/12/2019 10:35	29.30	90.1	5.75	4.8	SR5	10/12/2019 16:35	29.76	124.2	7.99	6.3	SR5	10/12/2019 22:35	29.23	87.7	5.59	5.3
SR5	10/12/2019 4:40	29.29	108.5	7.04	5.6	SR5	10/12/2019 10:40	29.33	90.6	5.78	5.2	SR5	10/12/2019 16:40	29.77	125.4	8.06	6.4	SR5	10/12/2019 22:40	29.23	87.9	5.60	4.3
SR5	10/12/2019 4:45	29.28	109.0	7.08	6.0	SR5	10/12/2019 10:45	29.31	89.8	5.73	6.4	SR5	10/12/2019 16:45	29.76	123.5	7.94	6.0	SR5	10/12/2019 22:45	29.24	88.9	5.67	5.5
SR5	10/12/2019 4:50	29.30	108.0	7.01	8.5	SR5	10/12/2019 10:50	29.41	95.7	6.11	5.1	SR5	10/12/2019 16:50	29.75	121.8	7.83	6.0	SR5	10/12/2019 22:50	29.23	88.8	5.67	4.3
SR5	10/12/2019 4:55	29.30	106.2	6.89	5.1	SR5	10/12/2019 10:55	29.47	101.5	6.49	5.6	SR5	10/12/2019 16:55	29.74	121.0	7.79	6.5	SR5	10/12/2019 22:55	29.23	88.1	5.62	5.3
SR5	10/12/2019 5:00	29.33	104.8	6.79	6.0	SR5	10/12/2019 11:00	29.44	101.0	6.45	6.7	SR5	10/12/2019 17:00	29.73	118.5	7.63	6.4	SR5	10/12/2019 23:00	29.24	89.2	5.69	5.3
SR5	10/12/2019 5:05	29.31	106.4	6.90	9.7	SR5	10/12/2019 11:05	29.37	99.9	6.38	5.0	SR5	10/12/2019 17:05	29.73	117.2	7.54	6.6	SR5	10/12/2019 23:05	29.24	89.6	5.72	5.7
SR5	10/12/2019 5:10	29.32	106.3	6.89	5.6	SR5	10/12/2019 11:10	29.43	103.9	6.64	4.8	SR5	10/12/2019 17:10	29.73	115.9	7.45	6.6	SR5	10/12/2019 23:10	29.24	89.4	5.70	4.4
SR5	10/12/2019 5:15	29.35	103.5	6.69	5.5	SR5	10/12/2019 11:15	29.61	115.0	7.35	5.8	SR5	10/12/2019 17:15	29.73	117.2	7.53	5.1	SR5	10/12/2019 23:15	29.23	93.0	5.95	6.7
SR5	10/12/2019 5:20	29.36	104.1	6.73	5.4	SR5	10/12/2019 11:20	29.55	110.3	7.05	6.4	SR5	10/12/2019 17:20	29.72	117.3	7.54	5.8	SR5	10/12/2019 23:20	29.23	92.1	5.89	7.2
SR5	10/12/2019 5:25	29.36	103.4	6.68	6.1	SR5	10/12/2019 11:25	29.51	109.1	6.97	5.9	SR5	10/12/2019 17:25	29.69	116.5	7.50	6.5	SR5	10/12/2019 23:25	29.23	92.0	5.89	4.5
SR5	10/12/2019 5:30	29.36	103.5	6.69	4.9	SR5	10/12/2019 11:30	29.54	112.0	7.16	6.5	SR5	10/12/2019 17:30	29.65	114.7	7.39	5.4	SR5	10/12/2019 23:30	29.23	91.4	5.86	4.8
SR5	10/12/2019 5:35	29.30	99.2	6.40	6.5	SR5	10/12/2019 11:35	29.51	110.4	7.06	5.0	SR5	10/12/2019 17:35	29.63	113.5	7.31	5.8	SR5	10/12/2019 23:35	29.23	91.1	5.85	4.8
SR5	10/12/2019 5:40	29.30	98.2	6.33	7.5	SR5	10/12/2019 11:40	29.57	116.1	7.43	5.3	SR5	10/12/2019 17:40	29.63	113.3	7.30	6.4	SR5	10/12/2019 23:40	29.24	91.5	5.87	5.2
SR5	10/12/2019 5:45	29.28	93.7	6.03	5.6	SR5	10/12/2019 11:45	29.60	118.9	7.61	5.5	SR5	10/12/2019 17:45	29.64	113.4	7.30	6.1	SR5	10/12/2019 23:45	29.28	93.2	5.98	6.1
SR5	10/12/2019 5:50	29.27	91.6	5.88	5.5	SR5	10/12/2019 11:50	29.56	115.8	7.41	5.3	SR5	10/12/2019 17:50	29.63	113.1	7.28	6.4	SR5	10/12/2019 23:50	29.27	92.9	5.96	6.3
SR5	10/12/2019 5:55	29.25	87.7	5.62	5.8	SR5	10/12/2019 11:55	29.54	114.7	7.33	6.0	SR5	10/12/2019 17:55	29.58	109.8	7.07	6.3	SR5	10/12/2019 23:55	29.29	92.7	5.94	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)
SR12	10/12/2019 0:01	29.16	79.1	5.62	7.9	SR12	10/12/2019 6:01	29.36	73.2	5.25	3.3	SR12	10/12/2019 12:01	29.13	81.8	5.80	5.3	SR12	10/12/2019 18:01	29.33	87.5	6.20	6.1
SR12	10/12/2019 0:06	29.18	84.8	6.02	4.6	SR12	10/12/2019 6:06	29.33	70.6	5.06	2.4	SR12	10/12/2019 12:06	29.14	82.0	5.83	4.6	SR12	10/12/2019 18:06	29.29	88.1	6.26	5.0
SR12	10/12/2019 0:11	29.19	81.9	5.81	5.0	SR12	10/12/2019 6:11	29.35	73.4	5.26	3.6	SR12	10/12/2019 12:11	29.13	83.8	5.96	4.5	SR12	10/12/2019 18:11	29.30	86.9	6.17	4.2
SR12	10/12/2019 0:16	29.19	81.6	5.80	4.9	SR12	10/12/2019 6:16	29.32	71.4	5.12	2.1	SR12	10/12/2019 12:16	29.12	83.4	5.92	4.7	SR12	10/12/2019 18:16	29.35	91.8	6.50	5.2
SR12	10/12/2019 0:21	29.19	79.0	5.62	4.5	SR12	10/12/2019 6:21	29.34	74.2	5.29	4.8	SR12	10/12/2019 12:21	29.13	83.8	5.96	4.3	SR12	10/12/2019 18:21	29.39	94.2	6.65	5.3
SR12	10/12/2019 0:26	29.19	83.0	5.91	3.8	SR12	10/12/2019 6:26	29.33	78.6	5.60	5.8	SR12	10/12/2019 12:26	29.15	84.9	6.03	3.9	SR12	10/12/2019 18:26	29.37	96.9	6.86	4.6
SR12	10/12/2019 0:31	29.20	82.1	5.84	3.1	SR12	10/12/2019 6:31	29.29	74.5	5.32	3.1	SR12	10/12/2019 12:31	29.16	84.0	5.96	3.9	SR12	10/12/2019 18:31	29.39	95.0	6.71	5.0
SR12	10/12/2019 0:36	29.19	81.4	5.79	4.1	SR12	10/12/2019 6:36	29.29	73.9	5.28	3.4	SR12	10/12/2019 12:36	29.16	86.0	6.10	4.1	SR12	10/12/2019 18:36	29.43	97.0	6.85	5.0
SR12	10/12/2019 0:41	29.20	83.2	5.92	3.6	SR12	10/12/2019 6:41	29.36	79.5	5.66	3.9	SR12	10/12/2019 12:41	29.14	85.7	6.08	3.9	SR12	10/12/2019 18:41	29.43	98.3	6.93	5.3
SR12	10/12/2019 0:46	29.19	83.7	5.94	3.9	SR12	10/12/2019 6:46	29.36	76.6	5.46	4.2	SR12	10/12/2019 12:46	29.15	86.3	6.13	3.5	SR12	10/12/2019 18:46	29.43	99.4	7.02	8.8
SR12	10/12/2019 0:51	29.22	82.7	5.88	3.5	SR12	10/12/2019 6:51	29.34	78.2	5.57	4.7	SR12	10/12/2019 12:51	29.15	85.0	6.03	4.0	SR12	10/12/2019 18:51	29.45	101.9	7.18	7.9
SR12	10/12/2019 0:56	29.23	83.5	5.94	3.0	SR12	10/12/2019 6:56	29.33	79.3	5.64	5.2	SR12	10/12/2019 12:56	29.16	85.7	6.07	3.8	SR12	10/12/2019 18:56	29.45	102.5	7.22	5.9
SR12	10/12/2019 1:01	29.22	85.3	6.06	3.5	SR12	10/12/2019 7:01	29.32	79.5	5.66	3.7	SR12	10/12/2019 13:01	29.14	84.6	6.00	3.6	SR12	10/12/2019 19:01	29.46	103.0	7.25	5.7
SR12	10/12/2019 1:06	29.22	87.2	6.20	3.6	SR12	10/12/2019 7:06	29.31	79.9	5.68	3.7	SR12	10/12/2019 13:06	29.14	84.7	6.00	3.9	SR12	10/12/2019 19:06	29.47	105.4	7.42	6.8
SR12	10/12/2019 1:11	29.22	86.2	6.12	4.4	SR12	10/12/2019 7:11	29.27	81.3	5.80	4.4	SR12	10/12/2019 13:11	29.13	85.6	6.08	4.3	SR12	10/12/2019 19:11	29.48	105.9	7.45	6.5
SR12	10/12/2019 1:16	29.23	85.9	6.10	3.1	SR12	10/12/2019 7:16	29.24	80.3	5.72	3.5	SR12	10/12/2019 13:16	29.17	86.9	6.16	3.4	SR12	10/12/2019 19:16	29.48	105.4	7.42	5.6
SR12	10/12/2019 1:21	29.23	85.5	6.08	2.6	SR12	10/12/2019 7:21	29.22	82.7	5.88	7.7	SR12	10/12/2019 13:21	29.12	83.7	5.94	4.3	SR12	10/12/2019 19:21	29.49	105.2	7.40	4.6
SR12	10/12/2019 1:26	29.21	85.1	6.05	3.4	SR12	10/12/2019 7:26	29.19	81.7	5.83	3.5	SR12	10/12/2019 13:26	29.13	84.0	5.97	4.2	SR12	10/12/2019 19:26	29.50	108.5	7.64	5.8
SR12	10/12/2019 1:31	29.24	84.8	6.04	2.8	SR12	10/12/2019 7:31	29.21	82.0	5.85	4.0	SR12	10/12/2019 13:31	29.16	86.7	6.15	3.9	SR12	10/12/2019 19:31	29.56	114.0	8.03	4.2
SR12	10/12/2019 1:36	29.26	85.3	6.06	4.0	SR12	10/12/2019 7:36	29.21	79.7	5.68	3.6	SR12	10/12/2019 13:36	29.15	83.8	5.96	3.4	SR12	10/12/2019 19:36	29.59	117.8	8.27	4.3
SR12	10/12/2019 1:41	29.26	84.7	6.02	3.6	SR12	10/12/2019 7:41	29.21	80.9	5.77	3.7	SR12	10/12/2019 13:41	29.15	85.3	6.05	3.7	SR12	10/12/2019 19:41	29.56	115.7	8.15	4.5
SR12	10/12/2019 1:46	29.27	84.0	5.97	3.6	SR12	10/12/2019 7:46	29.18	83.9	5.99	3.7	SR12	10/12/2019 13:46	29.16	86.8	6.16	5.0	SR12	10/12/2019 19:46	29.57	116.2	8.17	4.2
SR12	10/12/2019 1:51	29.27	81.9	5.83	3.4	SR12	10/12/2019 7:51	29.19	85.4	6.08	3.7	SR12	10/12/2019 13:51	29.16	87.9	6.23	3.4	SR12	10/12/2019 19:51	29.56	119.0	8.35	**12.1**
SR12	10/12/2019 1:56	29.26	79.3	5.66	2.6	SR12	10/12/2019 7:56	29.20	84.7	6.03	3.6	SR12	10/12/2019 13:56	29.15	88.3	6.27	3.8	SR12	10/12/2019 19:56	29.60	112.6	7.93	5.2
SR12	10/12/2019 2:01	29.26	78.8	5.61	2.7	SR12	10/12/2019 8:01	29.21	85.7	6.09	4.3	SR12	10/12/2019 14:01	29.16	90.1	6.39	5.9	SR12	10/12/2019 20:01	29.62	110.7	7.79	5.1
SR12	10/12/2019 2:06	29.27	79.9	5.70	2.8	SR12	10/12/2019 8:06	29.23	84.1	6.00	3.3	SR12	10/12/2019 14:06	29.15	87.6	6.22	3.7	SR12	10/12/2019 20:06	29.62	110.2	7.75	5.1
SR12	10/12/2019 2:11	29.27	76.9	5.48	2.0	SR12	10/12/2019 8:11	29.22	86.1	6.13	3.6	SR12	10/12/2019 14:11	29.15	87.2	6.18	3.5	SR12	10/12/2019 20:11	29.62	110.8	7.79	5.1
SR12	10/12/2019 2:16	29.27	76.8	5.48	1.7	SR12	10/12/2019 8:16	29.23	87.8	6.25	4.3	SR12	10/12/2019 14:16	29.14	87.4	6.21	4.4	SR12	10/12/2019 20:16	29.62	112.9	7.94	5.6
SR12	10/12/2019 2:21	29.20	82.4	5.87	3.1	SR12	10/12/2019 8:21	29.21	87.6	6.23	3.5	SR12	10/12/2019 14:21	29.14	88.4	6.28	4.6	SR12	10/12/2019 20:21	29.61	114.3	8.03	6.6
SR12	10/12/2019 2:26	29.24	83.1	5.92	3.0	SR12	10/12/2019 8:26	29.21	89.3	6.35	3.6	SR12	10/12/2019 14:26	29.13	89.9	6.39	4.5	SR12	10/12/2019 20:26	29.60	114.2	8.06	5.3
SR12	10/12/2019 2:31	29.26	82.8	5.88	3.7	SR12	10/12/2019 8:31	29.21	89.5	6.36	4.2	SR12	10/12/2019 14:31	29.14	89.8	6.37	4.4	SR12	10/12/2019 20:31	29.60	116.1	8.17	5.8
SR12	10/12/2019 2:36	29.27	83.5	5.94	4.8	SR12	10/12/2019 8:36	29.20	90.4	6.42	4.1	SR12	10/12/2019 14:36	29.16	90.7	6.44	3.6	SR12	10/12/2019 20:36	29.60	114.2	8.03	7.1
SR12	10/12/2019 2:41	29.28	82.6	5.89	3.8	SR12	10/12/2019 8:41	29.19	89.6	6.36	3.8	SR12	10/12/2019 14:41	29.16	91.2	6.47	4.4	SR12	10/12/2019 20:41	29.55	107.4	7.57	8.2
SR12	10/12/2019 2:46	29.27	84.4	6.00	4.0	SR12	10/12/2019 8:46	29.24	86.0	6.11	4.9	SR12	10/12/2019 14:46	29.15	89.6	6.34	4.2	SR12	10/12/2019 20:46	29.62	109.2	7.70	5.7
SR12	10/12/2019 2:51	29.27	85.1	6.06	3.2	SR12	10/12/2019 8:51	29.24	84.8	6.01	6.1	SR12	10/12/2019 14:51	29.15	91.5	6.49	4.8	SR12	10/12/2019 20:51	29.59	109.7	7.72	7.5
SR12	10/12/2019 2:56	29.28	84.5	6.02	3.6	SR12	10/12/2019 8:56	29.23	85.4	6.06	5.3	SR12	10/12/2019 14:56	29.14	89.9	6.38	4.2	SR12	10/12/2019 20:56	29.49	103.3	7.28	8.0
SR12	10/12/2019 3:01	29.28	84.6	6.03	3.4	SR12	10/12/2019 9:01	29.23	84.4	6.01	5.6	SR12	10/12/2019 15:01	29.15	90.8	6.45	3.5	SR12	10/12/2019 21:01	29.50	103.6	7.30	7.3
SR12	10/12/2019 3:06	29.28	83.7	5.97	3.4	SR12	10/12/2019 9:06	29.22	83.5	5.94	4.4	SR12	10/12/2019 15:06	29.14	91.0	6.45	4.0	SR12	10/12/2019 21:06	29.50	104.5	7.36	7.1
SR12	10/12/2019 3:11	29.28	84.3	6.00	3.0	SR12	10/12/2019 9:11	29.21	83.1	5.92	5.0	SR12	10/12/2019 15:11	29.14	92.0	6.53	3.7	SR12	10/12/2019 21:11	29.50	102.0	7.19	6.8
SR12	10/12/2019 3:16	29.30	83.6	5.96	3.4	SR12	10/12/2019 9:16	29.21	82.7	5.88	5.1	SR12	10/12/2019 15:16	29.15	89.6	6.36	6.5	SR12	10/12/2019 21:16	29.46	97.6	6.89	8.4
SR12	10/12/2019 3:21	29.33	83.0	5.91	3.9	SR12	10/12/2019 9:21	29.21	81.8	5.82	4.6	SR12	10/12/2019 15:21	29.18	90.9	6.46	4.4	SR12	10/12/2019 21:21	29.46	97.0	6.84	8.4
SR12	10/12/2019 3:26	29.34	82.5	5.87	3.6	SR12	10/12/2019 9:26	29.21	80.3	5.71	6.0	SR12	10/12/2019 15:26	29.17	91.1	6.47	3.9	SR12	10/12/2019 21:26	29.46	93.9	6.63	7.3
SR12	10/12/2019 3:31	29.36	85.3	6.07	2.8	SR12	10/12/2019 9:31	29.22	83.2	5.92	4.6	SR12	10/12/2019 15:31	29.18	90.4	6.41	3.6	SR12	10/12/2019 21:31	29.46	91.9	6.50	7.3
SR12	10/12/2019 3:36	29.38	86.5	6.16	3.3	SR12	10/12/2019 9:36	29.22	83.1	5.91	4.5	SR12	10/12/2019 15:36	29.19	89.4	6.35	4.5	SR12	10/12/2019 21:36	29.44	92.7	6.56	6.6
SR12	10/12/2019 3:41	29.39	85.4	6.08	3.7	SR12	10/12/2019 9:41	29.20	83.1	5.91	5.6	SR12	10/12/2019 15:41	29.19	85.8	6.10	3.0	SR12	10/12/2019 21:41	29.43	93.4	6.60	7.8
SR12	10/12/2019 3:46	29.40	86.0	6.12	3.1	SR12	10/12/2019 9:46	29.21	83.0	5.91	5.4	SR12	10/12/2019 15:46	29.19	89.3	6.35	3.4	SR12	10/12/2019 21:46	29.43	92.6	6.54	6.7
SR12	10/12/2019 3:51	29.41	83.0	5.91	2.8	SR12	10/12/2019 9:51	29.21	83.1	5.92	6.2	SR12	10/12/2019 15:51	29.21	91.1	6.48	3.4	SR12	10/12/2019 21:51	29.44	92.6	6.55	9.1
SR12	10/12/2019 3:56	29.41	82.6	5.89	3.3	SR12	10/12/2019 9:56	29.21	80.6	5.74	5.3	SR12	10/12/2019 15:56	29.21	86.7	6.17	3.0	SR12	10/12/2019 21:56	29.44	91.9	6.49	7.6
SR12	10/12/2019 4:01	29.41	83.5	5.94	2.8	SR12	10/12/2019 10:01	29.20	80.6	5.74	5.1	SR12	10/12/2019 16:01	29.20	81.9	5.83	4.2	SR12	10/12/2019 22:01	29.43	90.7	6.42	8.3
SR12	10/12/2019 4:06	29.41	81.8	5.83	3.0	SR12	10/12/2019 10:06	29.19	81.6	5.80	5.3	SR12	10/12/2019 16:06	29.22	88.9	6.31	4.5	SR12	10/12/2019 22:06	29.43	92.1	6.52	8.6
SR12	10/12/2019 4:11	29.41	82.1	5.85	3.0	SR12	10/12/2019 10:11	29.20	81.1	5.78	5.7	SR12	10/12/2019 16:11	29.23	87.3	6.19	4.0	SR12	10/12/2019 22:11	29.43	91.3	6.45	9.4
SR12	10/12/2019 4:16	29.39	81.1	5.78	3.1	SR12	10/12/2019 10:16	29.20	79.8	5.69	5.8	SR12	10/12/2019 16:16	29.21	85.2	6.05	4.9	SR12	10/12/2019 22:16	29.43	90.5	6.40	7.2
SR12	10/12/2019 4:21	29.41	82.4	5.89	2.7	SR12	10/12/2019 10:21	29.19	79.9	5.68	5.7	SR12	10/12/2019 16:21	29.23	82.6	5.88	4.6	SR12	10/12/2019 22:21	29.43	89.2	6.32	7.5
SR12	10/12/2019 4:26	29.42	80.2	5.72	2.4	SR12	10/12/2019 10:26	29.19	78.0	5.55	5.5	SR12	10/12/2019 16:26	29.27	85.6	6.09	3.4	SR12	10/12/2019 22:26	29.41	87.7	6.21	9.1
SR12	10/12/2019 4:31	29.42	78.9	5.63	2.8	SR12	10/12/2019 10:31	29.19	78.3	5.58	4.2	SR12	10/12/2019 16:31	29.28	88.7	6.30	3.6	SR12	10/12/2019 22:31	29.40	85.6	6.06	8.4
SR12	10/12/2019 4:36	29.40	78.5	5.60	2.7	SR12	10/12/2019 10:36	29.19	78.5	5.60	5.2	SR12	10/12/2019 16:36	29.29	90.2	6.41	3.5	SR12	10/12/2019 22:36	29.41	87.1	6.17	9.5
SR12	10/12/2019 4:41	29.40	81.6	5.81	4.4	SR12	10/12/2019 10:41	29.19	77.2	5.49	4.6	SR12	10/12/2019 16:41	29.27	88.7	6.29	4.1	SR12	10/12/2019 22:41	29.39	84.8	6.02	9.1
SR12	10/12/2019 4:46	29.41	79.2	5.66	2.1	SR12	10/12/2019 10:46	29.19	78.9	5.61	5.1	SR12	10/12/2019 16:46	29.31	80.6	5.73	3.2	SR12	10/12/2019 22:46	29.36	82.6	5.87	7.2
SR12	10/12/2019 4:51	29.42	78.7	5.63	2.4	SR12	10/12/2019 10:51	29.19	78.6	5.60	5.0	SR12	10/12/2019 16:51	29.33	80.1	5.69	3.2	SR12	10/12/2019 22:51	29.37	83.3	5.91	8.9
SR12	10/12/2019 4:56	29.42	77.4	5.52	2.3	SR12	10/12/2019 10:56	29.19	78.3	5.57	7.3	SR12	10/12/2019 16:56	29.32	81.3	5.77	3.9	SR12	10/12/2019 22:56	29.36	84.2	5.97	**10.4**
SR12	10/12/2019 5:01	29.40	74.0	5.29	3.5	SR12	10/12/2019 11:01	29.18	79.4	5.65	6.2	SR12	10/12/2019 17:01	29.38	85.5	6.06	3.1	SR12	10/12/2019 23:01	29.37	82.2	5.83	8.1
SR12	10/12/2019 5:06	29.40	73.6	5.27	2.9	SR12	10/12/2019 11:06	29.18	79.6	5.66	7.8	SR12	10/12/2019 17:06	29.34	84.3	5.99	3.4	SR12	10/12/2019 23:06	29.36	81.9	5.81	8.3
SR12	10/12/2019 5:11	29.40	74.4	5.32	3.1	SR12	10/12/2019 11:11	29.17	78.8	5.60	7.4	SR12	10/12/2019 17:11	29.35	83.2	5.91	3.7	SR12	10/12/2019 23:11	29.36	81.4	5.77	7.6
SR12	10/12/2019 5:16	29.40	73.4	5.26	3.3	SR12	10/12/2019 11:16	29.17	79.1	5.63	5.3	SR12	10/12/2019 17:16	29.32	82.7	5.86	4.3	SR12	10/12/2019 23:16	29.35	80.2	5.70	6.8
SR12	10/12/2019 5:21	29.41	82.8	5.89	5.6	SR12	10/12/2019 11:21	29.16	78.4	5.58	5.8	SR12	10/12/2019 17:21	29.37	85.6	6.07	4.4	SR12	10/12/2019 23:21	29.36	79.9	5.68	6.7
SR12	10/12/2019 5:26	29.39	77.8	5.55	3.5	SR12	10/12/2019 11:26	29.15	77.7	5.53	5.0	SR12	10/12/2019 17:26	29.36	84.2	5.97	3.7	SR12	10/12/2019 23:26	29.37	81.2	5.76	7.3
SR12	10/12/2019 5:31	29.40	80.1	5.71	4.3	SR12	10/12/2019 11:31	29.17	79.1	5.62	6.5	SR12	10/12/2019 17:31	29.29	84.2	5.98	4.9	SR12	10/12/2019 23:31	29.35	79.5	5.65	7.5
SR12	10/12/2019 5:36	29.39	78.2	5.59	3.2	SR12	10/12/2019 11:36	29.16	79.5	5.65	6.1	SR12	10/12/2019 17:36	29.30	85.2	6.03	4.7	SR12	10/12/2019 23:36	29.36	80.4	5.70	9.0
SR12	10/12/2019 5:41	29.38	73.4	5.25	3.0	SR12	10/12/2019 11:41	29.16	78.6	5.58	5.4	SR12	10/12/2019 17:41	29.30	83.6	5.94	4.9	SR12	10/12/2019 23:41	29.34	80.0	5.67	8.6
SR12	10/12/2019 5:46	29.38	76.4	5.45	4.5	SR12	10/12/2019 11:46	29.15	78.5	5.58	6.0	SR12	10/12/2019 17:46	29.32	86.7	6.14	4.3	SR12	10/12/2019 23:46	29.36	80.2	5.69	8.0
SR12	10/12/2019 5:51	29.38	78.7	5.61	4.0	SR12	10/12/2019 11:51	29.16	78.4	5.58	5.9	SR12	10/12/2019 17:51	29.33	87.9	6.22	6.0	SR12	10/12/2019 23:51	29.34	79.0	5.61	8.2
SR12	10/12/2019 5:56	29.37	73.6	5.27	4.1	SR12	10/12/2019 11:56	29.15	78.4	5.58	5.6	SR12	10/12/2019 17:56	29.32	87.5	6.20	5.0	SR12	10/12/2019 23:56	29.35	80.7	5.74	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	10/12/2019 0:00	29.27	80.4	5.85	5.2	SR13	10/12/2019 6:00	29.31	77.4	5.66	6.3	SR13	10/12/2019 12:00	29.48	74.2	5.44	4.6	SR13	10/12/2019 18:00	29.59	77.2	5.64	5.8
SR13	10/12/2019 0:05	29.28	80.8	5.88	5.5	SR13	10/12/2019 6:05	29.31	77.9	5.70	6.1	SR13	10/12/2019 12:05	29.50	75.7	5.54	4.8	SR13	10/12/2019 18:05	29.58	77.3	5.64	5.4
SR13	10/12/2019 0:10	29.20	81.4	5.94	5.7	SR13	10/12/2019 6:10	29.29	77.9	5.68	5.9	SR13	10/12/2019 12:10	29.53	74.1	5.43	4.7	SR13	10/12/2019 18:10	29.59	76.7	5.61	5.5
SR13	10/12/2019 0:15	29.19	81.3	5.93	6.1	SR13	10/12/2019 6:15	29.31	77.2	5.64	6.6	SR13	10/12/2019 12:15	29.51	74.6	5.47	4.0	SR13	10/12/2019 18:15	29.60	76.1	5.56	5.6
SR13	10/12/2019 0:20	29.22	80.5	5.86	6.0	SR13	10/12/2019 6:20	29.33	77.5	5.67	5.7	SR13	10/12/2019 12:20	29.52	74.6	5.46	4.7	SR13	10/12/2019 18:20	29.60	76.8	5.61	5.1
SR13	10/12/2019 0:25	29.25	80.8	5.88	7.3	SR13	10/12/2019 6:25	29.33	78.1	5.70	6.9	SR13	10/12/2019 12:25	29.50	75.5	5.53	5.0	SR13	10/12/2019 18:25	29.60	75.9	5.54	4.9
SR13	10/12/2019 0:30	29.22	82.1	5.98	6.3	SR13	10/12/2019 6:30	29.33	78.3	5.72	6.9	SR13	10/12/2019 12:30	29.50	74.9	5.48	4.7	SR13	10/12/2019 18:30	29.61	76.9	5.61	5.8
SR13	10/12/2019 0:35	29.22	81.3	5.92	5.9	SR13	10/12/2019 6:35	29.34	78.0	5.70	7.3	SR13	10/12/2019 12:35	29.50	74.8	5.48	4.7	SR13	10/12/2019 18:35	29.60	77.2	5.64	5.3
SR13	10/12/2019 0:40	29.24	81.9	5.97	5.0	SR13	10/12/2019 6:40	29.34	78.1	5.70	7.0	SR13	10/12/2019 12:40	29.49	74.5	5.46	3.9	SR13	10/12/2019 18:40	29.61	77.0	5.62	6.5
SR13	10/12/2019 0:45	29.26	81.8	5.97	5.2	SR13	10/12/2019 6:45	29.32	77.7	5.68	6.4	SR13	10/12/2019 12:45	29.48	73.8	5.41	5.8	SR13	10/12/2019 18:45	29.62	76.5	5.59	6.1
SR13	10/12/2019 0:50	29.24	82.2	5.98	5.3	SR13	10/12/2019 6:50	29.32	77.7	5.68	8.4	SR13	10/12/2019 12:50	29.47	72.9	5.35	4.3	SR13	10/12/2019 18:50	29.63	76.7	5.60	6.0
SR13	10/12/2019 0:55	29.37	80.5	5.86	5.7	SR13	10/12/2019 6:55	29.35	77.5	5.67	6.0	SR13	10/12/2019 12:55	29.48	73.2	5.37	4.1	SR13	10/12/2019 18:55	29.64	77.6	5.66	6.5
SR13	10/12/2019 1:00	29.28	80.4	5.86	4.9	SR13	10/12/2019 7:00	29.34	77.5	5.67	6.6	SR13	10/12/2019 13:00	29.48	72.1	5.29	4.8	SR13	10/12/2019 19:00	29.64	76.3	5.58	6.1
SR13	10/12/2019 1:05	29.22	82.9	6.04	5.8	SR13	10/12/2019 7:05	29.36	77.4	5.66	6.6	SR13	10/12/2019 13:05	29.49	76.9	5.62	5.6	SR13	10/12/2019 19:05	29.63	76.8	5.61	5.1
SR13	10/12/2019 1:10	29.21	83.5	6.08	6.0	SR13	10/12/2019 7:10	29.37	76.6	5.60	6.1	SR13	10/12/2019 13:10	29.46	75.3	5.52	4.8	SR13	10/12/2019 19:10	29.64	76.8	5.61	5.8
SR13	10/12/2019 1:15	29.25	82.7	6.01	5.9	SR13	10/12/2019 7:15	29.36	75.1	5.49	6.1	SR13	10/12/2019 13:15	29.49	76.5	5.60	4.9	SR13	10/12/2019 19:15	29.65	78.4	5.72	5.6
SR13	10/12/2019 1:20	29.23	82.3	5.98	5.3	SR13	10/12/2019 7:20	29.36	75.2	5.51	9.1	SR13	10/12/2019 13:20	29.48	76.0	5.57	4.7	SR13	10/12/2019 19:20	29.64	78.4	5.72	5.9
SR13	10/12/2019 1:25	29.22	82.6	6.01	7.1	SR13	10/12/2019 7:25	29.37	75.0	5.49	6.0	SR13	10/12/2019 13:25	29.48	74.4	5.46	4.1	SR13	10/12/2019 19:25	29.65	78.8	5.75	6.5
SR13	10/12/2019 1:30	29.20	83.8	6.09	6.2	SR13	10/12/2019 7:30	29.36	74.6	5.47	6.9	SR13	10/12/2019 13:30	29.49	74.9	5.49	5.1	SR13	10/12/2019 19:30	29.64	77.4	5.65	5.2
SR13	10/12/2019 1:35	29.18	83.9	6.10	5.5	SR13	10/12/2019 7:35	29.37	74.3	5.44	6.1	SR13	10/12/2019 13:35	29.50	76.9	5.63	4.6	SR13	10/12/2019 19:35	29.66	77.2	5.64	5.4
SR13	10/12/2019 1:40	29.21	84.2	6.11	5.7	SR13	10/12/2019 7:40	29.35	74.2	5.43	6.8	SR13	10/12/2019 13:40	29.51	74.6	5.47	4.3	SR13	10/12/2019 19:40	29.65	77.6	5.67	5.7
SR13	10/12/2019 1:45	29.19	84.2	6.11	5.7	SR13	10/12/2019 7:45	29.36	75.9	5.55	6.9	SR13	10/12/2019 13:45	29.50	74.4	5.46	4.6	SR13	10/12/2019 19:45	29.65	79.6	5.81	5.2
SR13	10/12/2019 1:50	29.21	83.1	6.04	5.8	SR13	10/12/2019 7:50	29.37	78.3	5.72	5.0	SR13	10/12/2019 13:50	29.48	73.8	5.41	4.9	SR13	10/12/2019 19:50	29.66	79.9	5.83	6.1
SR13	10/12/2019 1:55	29.26	82.3	5.98	6.2	SR13	10/12/2019 7:55	29.38	77.1	5.63	5.9	SR13	10/12/2019 13:55	29.49	75.5	5.54	5.3	SR13	10/12/2019 19:55	29.67	80.6	5.88	5.6
SR13	10/12/2019 2:00	29.19	82.7	6.02	7.1	SR13	10/12/2019 8:00	29.39	76.9	5.62	5.6	SR13	10/12/2019 14:00	29.48	74.3	5.45	4.2	SR13	10/12/2019 20:00	29.68	80.8	5.89	4.9
SR13	10/12/2019 2:05	29.19	83.1	6.05	5.8	SR13	10/12/2019 8:05	29.40	75.8	5.55	5.4	SR13	10/12/2019 14:05	29.49	76.0	5.56	4.8	SR13	10/12/2019 20:05	29.69	80.9	5.90	4.9
SR13	10/12/2019 2:10	29.19	82.5	6.00	5.7	SR13	10/12/2019 8:10	29.38	77.7	5.68	5.3	SR13	10/12/2019 14:10	29.51	76.7	5.60	5.9	SR13	10/12/2019 20:10	29.70	81.2	5.92	5.3
SR13	10/12/2019 2:15	29.18	82.8	6.03	6.1	SR13	10/12/2019 8:15	29.40	77.5	5.67	5.1	SR13	10/12/2019 14:15	29.51	74.6	5.46	5.5	SR13	10/12/2019 20:15	29.70	81.7	5.95	5.0
SR13	10/12/2019 2:20	29.19	82.7	6.01	5.9	SR13	10/12/2019 8:20	29.39	77.5	5.67	5.4	SR13	10/12/2019 14:20	29.50	74.6	5.46	5.3	SR13	10/12/2019 20:20	29.70	82.0	5.97	4.4
SR13	10/12/2019 2:25	29.20	83.0	6.05	5.4	SR13	10/12/2019 8:25	29.41	78.1	5.71	4.7	SR13	10/12/2019 14:25	29.53	76.3	5.58	5.6	SR13	10/12/2019 20:25	29.69	82.0	5.97	5.1
SR13	10/12/2019 2:30	29.18	82.9	6.04	6.2	SR13	10/12/2019 8:30	29.40	78.2	5.71	5.6	SR13	10/12/2019 14:30	29.51	75.0	5.49	4.8	SR13	10/12/2019 20:30	29.69	82.4	6.00	4.7
SR13	10/12/2019 2:35	29.17	83.0	6.04	5.2	SR13	10/12/2019 8:35	29.42	77.7	5.67	5.1	SR13	10/12/2019 14:35	29.50	75.4	5.52	5.6	SR13	10/12/2019 20:35	29.70	82.1	5.98	4.6
SR13	10/12/2019 2:40	29.20	82.5	6.01	5.2	SR13	10/12/2019 8:40	29.42	77.7	5.67	5.0	SR13	10/12/2019 14:40	29.52	76.1	5.57	6.2	SR13	10/12/2019 20:40	29.70	81.5	5.94	6.1
SR13	10/12/2019 2:45	29.22	82.6	6.02	5.6	SR13	10/12/2019 8:45	29.41	78.7	5.74	4.5	SR13	10/12/2019 14:45	29.52	75.4	5.52	5.3	SR13	10/12/2019 20:45	29.72	81.5	5.94	4.9
SR13	10/12/2019 2:50	29.21	83.6	6.09	5.2	SR13	10/12/2019 8:50	29.42	79.3	5.79	5.7	SR13	10/12/2019 14:50	29.51	75.4	5.51	6.2	SR13	10/12/2019 20:50	29.71	81.6	5.94	4.7
SR13	10/12/2019 2:55	29.22	83.7	6.09	5.4	SR13	10/12/2019 8:55	29.43	79.6	5.80	4.9	SR13	10/12/2019 14:55	29.52	76.8	5.62	5.6	SR13	10/12/2019 20:55	29.72	81.4	5.93	5.0
SR13	10/12/2019 3:00	29.21	83.9	6.11	5.2	SR13	10/12/2019 9:00	29.44	79.9	5.84	4.4	SR13	10/12/2019 15:00	29.50	76.6	5.60	5.1	SR13	10/12/2019 21:00	29.73	81.5	5.94	5.5
SR13	10/12/2019 3:05	29.21	84.4	6.15	5.4	SR13	10/12/2019 9:05	29.44	79.1	5.78	4.6	SR13	10/12/2019 15:05	29.50	77.8	5.69	6.9	SR13	10/12/2019 21:05	29.72	79.2	5.78	5.1
SR13	10/12/2019 3:10	29.21	84.0	6.11	6.7	SR13	10/12/2019 9:10	29.45	79.6	5.82	4.6	SR13	10/12/2019 15:10	29.48	77.0	5.63	5.2	SR13	10/12/2019 21:10	29.73	80.6	5.88	5.2
SR13	10/12/2019 3:15	29.20	84.0	6.11	5.8	SR13	10/12/2019 9:15	29.44	78.4	5.73	4.8	SR13	10/12/2019 15:15	29.50	76.8	5.62	5.4	SR13	10/12/2019 21:15	29.74	82.6	6.02	5.0
SR13	10/12/2019 3:20	29.24	83.4	6.07	6.0	SR13	10/12/2019 9:20	29.47	78.4	5.73	4.9	SR13	10/12/2019 15:20	29.49	75.5	5.52	4.6	SR13	10/12/2019 21:20	29.75	79.8	5.83	4.8
SR13	10/12/2019 3:25	29.24	83.7	6.08	7.7	SR13	10/12/2019 9:25	29.47	78.4	5.73	4.5	SR13	10/12/2019 15:25	29.50	75.9	5.55	4.9	SR13	10/12/2019 21:25	29.73	78.8	5.75	5.0
SR13	10/12/2019 3:30	29.23	84.1	6.12	6.5	SR13	10/12/2019 9:30	29.47	77.7	5.68	5.1	SR13	10/12/2019 15:30	29.48	77.5	5.66	5.1	SR13	10/12/2019 21:30	29.76	81.4	5.93	4.9
SR13	10/12/2019 3:35	29.25	83.9	6.11	6.7	SR13	10/12/2019 9:35	29.47	76.3	5.58	5.0	SR13	10/12/2019 15:35	29.49	78.1	5.70	5.7	SR13	10/12/2019 21:35	29.77	82.1	5.97	5.2
SR13	10/12/2019 3:40	29.26	83.4	6.07	6.6	SR13	10/12/2019 9:40	29.47	75.6	5.54	5.3	SR13	10/12/2019 15:40	29.50	77.3	5.65	5.4	SR13	10/12/2019 21:40	29.76	81.3	5.92	4.9
SR13	10/12/2019 3:45	29.25	83.1	6.05	7.0	SR13	10/12/2019 9:45	29.46	75.9	5.57	4.6	SR13	10/12/2019 15:45	29.49	77.7	5.67	5.7	SR13	10/12/2019 21:45	29.76	81.1	5.91	5.1
SR13	10/12/2019 3:50	29.26	83.4	6.07	6.0	SR13	10/12/2019 9:50	29.49	75.1	5.50	4.0	SR13	10/12/2019 15:50	29.50	76.3	5.58	5.4	SR13	10/12/2019 21:50	29.78	81.1	5.91	4.6
SR13	10/12/2019 3:55	29.28	83.5	6.08	7.1	SR13	10/12/2019 9:55	29.47	74.1	5.43	3.6	SR13	10/12/2019 15:55	29.50	77.2	5.64	5.1	SR13	10/12/2019 21:55	29.78	82.3	6.00	4.6
SR13	10/12/2019 4:00	29.29	83.7	6.10	6.0	SR13	10/12/2019 10:00	29.46	73.5	5.39	4.1	SR13	10/12/2019 16:00	29.51	78.2	5.71	5.8	SR13	10/12/2019 22:00	29.79	82.0	5.98	4.5
SR13	10/12/2019 4:05	29.29	83.3	6.06	7.1	SR13	10/12/2019 10:05	29.45	77.6	5.69	4.6	SR13	10/12/2019 16:05	29.50	77.8	5.68	4.8	SR13	10/12/2019 22:05	29.78	81.5	5.93	5.2
SR13	10/12/2019 4:10	29.28	82.8	6.02	6.9	SR13	10/12/2019 10:10	29.47	76.6	5.61	4.5	SR13	10/12/2019 16:10	29.52	79.1	5.77	5.6	SR13	10/12/2019 22:10	29.79	80.7	5.89	4.8
SR13	10/12/2019 4:15	29.30	82.6	6.01	7.1	SR13	10/12/2019 10:15	29.47	76.6	5.61	4.4	SR13	10/12/2019 16:15	29.52	79.1	5.77	4.7	SR13	10/12/2019 22:15	29.80	80.6	5.87	4.9
SR13	10/12/2019 4:20	29.26	81.3	5.93	8.6	SR13	10/12/2019 10:20	29.47	76.3	5.58	4.6	SR13	10/12/2019 16:20	29.52	78.9	5.75	6.3	SR13	10/12/2019 22:20	29.80	80.9	5.90	5.3
SR13	10/12/2019 4:25	29.26	80.9	5.90	6.5	SR13	10/12/2019 10:25	29.48	75.2	5.52	5.1	SR13	10/12/2019 16:25	29.51	79.5	5.80	5.1	SR13	10/12/2019 22:25	29.82	82.4	6.00	4.8
SR13	10/12/2019 4:30	29.27	80.1	5.85	8.4	SR13	10/12/2019 10:30	29.46	75.4	5.53	4.4	SR13	10/12/2019 16:30	29.53	77.4	5.65	6.2	SR13	10/12/2019 22:30	29.80	82.0	5.97	4.9
SR13	10/12/2019 4:35	29.26	80.4	5.87	6.7	SR13	10/12/2019 10:35	29.47	76.0	5.57	4.5	SR13	10/12/2019 16:35	29.55	77.3	5.63	6.5	SR13	10/12/2019 22:35	29.81	81.8	5.96	5.1
SR13	10/12/2019 4:40	29.25	79.9	5.83	9.4	SR13	10/12/2019 10:40	29.46	75.3	5.52	4.5	SR13	10/12/2019 16:40	29.54	77.6	5.66	5.5	SR13	10/12/2019 22:40	29.80	81.0	5.90	5.4
SR13	10/12/2019 4:45	29.26	80.2	5.85	6.6	SR13	10/12/2019 10:45	29.47	78.2	5.72	5.1	SR13	10/12/2019 16:45	29.53	76.5	5.59	6.0	SR13	10/12/2019 22:45	29.81	82.8	6.04	5.0
SR13	10/12/2019 4:50	29.24	78.5	5.73	7.5	SR13	10/12/2019 10:50	29.46	76.2	5.58	4.8	SR13	10/12/2019 16:50	29.54	76.1	5.56	5.6	SR13	10/12/2019 22:50	29.80	81.9	5.97	5.0
SR13	10/12/2019 4:55	29.24	78.1	5.71	6.8	SR13	10/12/2019 10:55	29.46	77.5	5.67	4.4	SR13	10/12/2019 16:55	29.54	76.7	5.60	5.8	SR13	10/12/2019 22:55	29.78	82.5	6.00	6.0
SR13	10/12/2019 5:00	29.25	77.8	5.69	7.8	SR13	10/12/2019 11:00	29.47	76.4	5.60	4.8	SR13	10/12/2019 17:00	29.56	76.4	5.58	6.0	SR13	10/12/2019 23:00	29.78	81.8	5.95	5.5
SR13	10/12/2019 5:05	29.26	77.9	5.69	6.7	SR13	10/12/2019 11:05	29.48	74.4	5.46	4.9	SR13	10/12/2019 17:05	29.55	75.2	5.50	6.0	SR13	10/12/2019 23:05	29.78	82.1	5.99	5.5
SR13	10/12/2019 5:10	29.25	78.9	5.77	6.9	SR13	10/12/2019 11:10	29.49	75.6	5.54	4.7	SR13	10/12/2019 17:10	29.56	75.1	5.49	6.1	SR13	10/12/2019 23:10	29.78	82.4	6.00	4.5
SR13	10/12/2019 5:15	29.27	78.5	5.74	6.2	SR13	10/12/2019 11:15	29.50	77.0	5.63	4.8	SR13	10/12/2019 17:15	29.56	75.9	5.55	5.7	SR13	10/12/2019 23:15	29.79	82.9	6.03	5.7
SR13	10/12/2019 5:20	29.27	77.5	5.66	6.3	SR13	10/12/2019 11:20	29.50	76.0	5.57	4.3	SR13	10/12/2019 17:20	29.57	76.0	5.55	5.9	SR13	10/12/2019 23:20	29.81	81.9	5.96	5.2
SR13	10/12/2019 5:25	29.28	78.4	5.73	6.1	SR13	10/12/2019 11:25	29.50	75.6	5.54	4.4	SR13	10/12/2019 17:25	29.57	77.3	5.64	6.0	SR13	10/12/2019 23:25	29.81	80.8	5.89	5.7
SR13	10/12/2019 5:30	29.29	79.6	5.81	5.8	SR13	10/12/2019 11:30	29.50	74.6	5.46	4.1	SR13	10/12/2019 17:30	29.57	77.3	5.64	6.0	SR13	10/12/2019 23:30	29.78	82.3	6.00	5.6
SR13	10/12/2019 5:35	29.30	78.4	5.72	6.9	SR13	10/12/2019 11:35	29.52	74.8	5.49	4.8	SR13	10/12/2019 17:35	29.56	77.7	5.67	5.4	SR13	10/12/2019 23:35	29.78	82.3	5.99	5.2
SR13	10/12/2019 5:40	29.30	77.6	5.67	7.1	SR13	10/12/2019 11:40	29.51	74.0	5.43	3.4	SR13	10/12/2019 17:40	29.57	76.6	5.60	5.5	SR13	10/12/2019 23:40	29.80	82.3	5.99	5.2
SR13	10/12/2019 5:45	29.29	76.9	5.62	7.9	SR13	10/12/2019 11:45	29.52	74.8	5.48	4.8	SR13	10/12/2019 17:45	29.58	76.6	5.60	5.8	SR13	10/12/2019 23:45	29.81	81.0	5.90	5.1
SR13	10/12/2019 5:50	29.29	77.7	5.68	6.7	SR13	10/12/2019 11:50	29.52	75.2	5.50	5.3	SR13	10/12/2019 17:50	29.58	77.3	5.64	5.9	SR13	10/12/2019 23:50	29.80	85.2	6.20	5.3
SR13	10/12/2019 5:55	29.30	77.2	5.65	7.3	SR13	10/12/2019 11:55	29.51	74.1	5.43	4.6	SR13	10/12/2019 17:55	29.59	76.7	5.60	5.7	SR13	10/12/2019 23:55	29.82	83.5	6.06	5.1

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	10/12/2019 0:17	0.48				SR12	10/12/2019 0:17	0.55			
SR4	10/12/2019 0:37	0.47				SR12	10/12/2019 0:37	0.56			
SR4	10/12/2019 0:57	0.49				SR12	10/12/2019 0:57	0.57			
SR4	10/12/2019 1:17	0.48				SR12	10/12/2019 1:17	0.58			
SR4	10/12/2019 1:37	0.48				SR12	10/12/2019 1:37	0.57			
SR4	10/12/2019 1:57	0.48				SR12	10/12/2019 1:57	0.61			
SR4	10/12/2019 2:17	0.47				SR12	10/12/2019 2:17	0.62			
SR4	10/12/2019 2:37	0.48				SR12	10/12/2019 2:37	0.62			
SR4	10/12/2019 2:57	0.48				SR12	10/12/2019 2:57	0.61			
SR4	10/12/2019 3:17	0.48				SR12	10/12/2019 3:17	0.62			
SR4	10/12/2019 3:37	0.49				SR12	10/12/2019 3:37	0.63			
SR4	10/12/2019 3:57	0.48				SR12	10/12/2019 3:57	0.64			
SR4	10/12/2019 4:17	0.50				SR12	10/12/2019 4:17	0.62			
SR4	10/12/2019 4:37	0.49				SR12	10/12/2019 4:37	0.62			
SR4	10/12/2019 4:57	0.50				SR12	10/12/2019 4:57	0.64			
SR4	10/12/2019 5:17	0.52				SR12	10/12/2019 5:17	0.63			
SR4	10/12/2019 5:37	0.51				SR12	10/12/2019 5:37	0.63			
SR4	10/12/2019 5:57	0.52				SR12	10/12/2019 5:57	0.64			
SR4						SR12					
SR4	10/12/2019 6:37	0.52				SR12	10/12/2019 6:37	0.65			
SR4	10/12/2019 6:57	0.51				SR12	10/12/2019 6:57	0.65			
SR4	10/12/2019 7:17	0.52				SR12	10/12/2019 7:17	0.65			
SR4	10/12/2019 7:37	0.50				SR12	10/12/2019 7:37	0.66			
SR4	10/12/2019 7:57	0.52				SR12	10/12/2019 7:57	0.64			
SR4	10/12/2019 8:17	0.51				SR12	10/12/2019 8:17	0.64			
SR4	10/12/2019 8:37	0.51				SR12	10/12/2019 8:37	0.65			
SR4	10/12/2019 8:57	0.52				SR12	10/12/2019 8:57	0.66			
SR4	10/12/2019 9:17	0.52				SR12	10/12/2019 9:17	0.64			
SR4	10/12/2019 9:37	0.51				SR12	10/12/2019 9:37	0.64			
SR4	10/12/2019 9:57	0.52				SR12	10/12/2019 9:57	0.66			
SR4	10/12/2019 10:17	0.54				SR12	10/12/2019 10:17	0.64			
SR4	10/12/2019 10:37	0.54				SR12	10/12/2019 10:37	0.67			
SR4	10/12/2019 10:57	0.52				SR12	10/12/2019 10:57	0.65			
SR4	10/12/2019 11:17	0.54				SR12	10/12/2019 11:17	0.62			
SR4	10/12/2019 11:37	0.53				SR12	10/12/2019 11:37	0.61			
SR4	10/12/2019 11:57	0.53				SR12	10/12/2019 11:57	0.55			
SR4	10/12/2019 12:17	0.51				SR12	10/12/2019 12:17	0.53			
SR4	10/12/2019 12:37	0.53				SR12	10/12/2019 12:37	0.52			
SR4	10/12/2019 12:57	0.53				SR12	10/12/2019 12:57	0.52			
SR4	10/12/2019 13:17	0.55				SR12	10/12/2019 13:17	0.52			
SR4	10/12/2019 13:37	0.55				SR12	10/12/2019 13:37	0.53			
SR4	10/12/2019 13:57	0.57				SR12	10/12/2019 13:57	0.52			
SR4	10/12/2019 14:17	0.55				SR12	10/12/2019 14:17	0.53			
SR4	10/12/2019 14:37	0.54				SR12	10/12/2019 14:37	0.53			
SR4	10/12/2019 14:57	0.57				SR12	10/12/2019 14:57	0.53			
SR4	10/12/2019 15:17	0.56				SR12	10/12/2019 15:17	0.52			
SR4	10/12/2019 15:37	0.56				SR12	10/12/2019 15:37	0.52			
SR4	10/12/2019 15:57	0.55				SR12	10/12/2019 15:57	0.47			
SR4	10/12/2019 16:17	0.54				SR12	10/12/2019 16:17	0.45			
SR4	10/12/2019 16:37	0.57				SR12	10/12/2019 16:37	0.43			
SR4	10/12/2019 16:57	0.54				SR12	10/12/2019 16:57	0.43			
SR4	10/12/2019 17:17	0.57				SR12	10/12/2019 17:17	0.44			
SR4	10/12/2019 17:37	0.57				SR12	10/12/2019 17:37	0.42			
SR4	10/12/2019 17:57	0.53				SR12	10/12/2019 17:57	0.43			
SR4	10/12/2019 18:17	0.53				SR12	10/12/2019 18:17	0.44			
SR4	10/12/2019 18:37	0.54				SR12	10/12/2019 18:37	0.43			
SR4	10/12/2019 18:57	0.50				SR12	10/12/2019 18:57	0.44			
SR4	10/12/2019 19:17	0.47				SR12	10/12/2019 19:17	0.44			
SR4	10/12/2019 19:37	0.43				SR12	10/12/2019 19:37	0.44			
SR4	10/12/2019 19:57	0.42				SR12	10/12/2019 19:57	0.43			
SR4	10/12/2019 20:17	0.39				SR12	10/12/2019 20:17	0.43			
SR4	10/12/2019 20:37	0.38				SR12	10/12/2019 20:37	0.42			
SR4	10/12/2019 20:57	0.38				SR12	10/12/2019 20:57	0.40			
SR4	10/12/2019 21:17	0.35				SR12	10/12/2019 21:17	0.40			
SR4	10/12/2019 21:37	0.34				SR12	10/12/2019 21:37	0.39			
SR4	10/12/2019 21:57	0.34				SR12	10/12/2019 21:57	0.40			
SR4	10/12/2019 22:17	0.32				SR12	10/12/2019 22:17	0.39			
SR4	10/12/2019 22:37	0.33				SR12	10/12/2019 22:37	0.39			
SR4	10/12/2019 22:57	0.33				SR12	10/12/2019 22:57	0.39			
SR4	10/12/2019 23:17	0.32				SR12	10/12/2019 23:17	0.37			
SR4	10/12/2019 23:37	0.32				SR12	10/12/2019 23:37	0.39			
SR4	10/12/2019 23:57	0.32				SR12	10/12/2019 23:57	0.38			

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	10/13/2019 0:01	29.38	100.6	6.91	2.5	SR4	10/13/2019 6:01	29.16	94.1	6.47	3.6	SR4	10/13/2019 12:01	29.19	98.2	6.79	3.6	SR4	10/13/2019 18:01	29.22	100.3	6.91	5.6
SR4	10/13/2019 0:06	29.37	105.0	7.22	2.2	SR4	10/13/2019 6:06	29.15	94.9	6.52	6.6	SR4	10/13/2019 12:06	29.22	100.1	6.92	2.6	SR4	10/13/2019 18:06	29.23	101.0	6.95	7.1
SR4	10/13/2019 0:11	29.39	103.2	7.08	5.1	SR4	10/13/2019 6:11	29.14	93.0	6.40	4.6	SR4	10/13/2019 12:11	29.18	96.1	6.65	2.7	SR4	10/13/2019 18:11	29.22	99.6	6.85	6.1
SR4	10/13/2019 0:16	29.41	101.2	6.96	1.6	SR4	10/13/2019 6:16	29.13	94.0	6.47	4.1	SR4	10/13/2019 12:16	29.15	88.7	6.13	1.8	SR4	10/13/2019 18:16	29.21	98.7	6.79	5.8
SR4	10/13/2019 0:21	29.37	106.4	7.31	4.2	SR4	10/13/2019 6:21	29.13	95.3	6.56	4.7	SR4	10/13/2019 12:21	29.17	94.9	6.56	2.4	SR4	10/13/2019 18:21	29.21	97.3	6.70	5.2
SR4	10/13/2019 0:26	29.36	105.2	7.24	1.6	SR4	10/13/2019 6:26	29.13	93.3	6.41	5.0	SR4	10/13/2019 12:26	29.15	96.7	6.68	2.6	SR4	10/13/2019 18:26	29.22	94.6	6.52	5.7
SR4	10/13/2019 0:31	29.36	105.5	7.25	1.8	SR4	10/13/2019 6:31	29.13	94.4	6.49	5.5	SR4	10/13/2019 12:31	29.15	94.5	6.54	3.0	SR4	10/13/2019 18:31	29.20	95.5	6.56	6.2
SR4	10/13/2019 0:36	29.37	102.6	7.04	1.7	SR4	10/13/2019 6:36	29.13	94.4	6.50	5.8	SR4	10/13/2019 12:36	29.12	92.6	6.38	5.7	SR4	10/13/2019 18:36	29.20	95.7	6.59	6.8
SR4	10/13/2019 0:41	29.37	100.4	6.90	1.7	SR4	10/13/2019 6:41	29.12	94.3	6.49	6.8	SR4	10/13/2019 12:41	29.21	93.2	6.43	2.3	SR4	10/13/2019 18:41	29.19	93.0	6.41	4.1
SR4	10/13/2019 0:46	29.38	99.4	6.83	1.5	SR4	10/13/2019 6:46	29.13	89.6	6.17	3.2	SR4	10/13/2019 12:46	29.18	92.5	6.38	2.5	SR4	10/13/2019 18:46	29.19	93.0	6.41	4.5
SR4	10/13/2019 0:51	29.38	97.5	6.71	2.5	SR4	10/13/2019 6:51	29.12	90.9	6.25	4.4	SR4	10/13/2019 12:51	29.16	91.7	6.34	3.0	SR4	10/13/2019 18:51	29.19	94.5	6.50	6.9
SR4	10/13/2019 0:56	29.29	97.3	6.70	2.0	SR4	10/13/2019 6:56	29.12	89.9	6.18	4.5	SR4	10/13/2019 12:56	29.17	87.2	6.02	2.5	SR4	10/13/2019 18:56	29.19	95.2	6.55	5.4
SR4	10/13/2019 1:01	29.34	95.0	6.53	1.2	SR4	10/13/2019 7:01	29.13	90.0	6.18	5.6	SR4	10/13/2019 13:01	29.20	84.5	5.83	2.9	SR4	10/13/2019 19:01	29.19	92.9	6.40	8.3
SR4	10/13/2019 1:06	29.34	98.1	6.74	1.6	SR4	10/13/2019 7:06	29.14	88.6	6.07	7.1	SR4	10/13/2019 13:06	29.33	87.3	6.02	2.3	SR4	10/13/2019 19:06	29.19	92.8	6.38	7.6
SR4	10/13/2019 1:11	29.34	96.8	6.66	1.2	SR4	10/13/2019 7:11	29.14	87.3	6.00	7.1	SR4	10/13/2019 13:11	29.28	86.0	5.94	2.1	SR4	10/13/2019 19:11	29.18	92.6	6.37	6.7
SR4	10/13/2019 1:16	29.36	95.7	6.59	1.6	SR4	10/13/2019 7:16	29.14	87.9	6.04	4.7	SR4	10/13/2019 13:16	29.29	86.5	5.96	2.1	SR4	10/13/2019 19:16	29.18	94.6	6.52	8.0
SR4	10/13/2019 1:21	29.37	89.0	6.12	1.2	SR4	10/13/2019 7:21	29.14	86.9	5.98	6.4	SR4	10/13/2019 13:21	29.33	87.1	6.00	2.0	SR4	10/13/2019 19:21	29.18	90.7	6.24	5.3
SR4	10/13/2019 1:26	29.34	83.5	5.74	5.8	SR4	10/13/2019 7:26	29.15	85.7	5.89	6.3	SR4	10/13/2019 13:26	29.28	88.4	6.10	2.0	SR4	10/13/2019 19:26	29.17	87.5	6.02	3.4
SR4	10/13/2019 1:31	29.35	80.0	5.50	1.5	SR4	10/13/2019 7:31	29.15	85.9	5.90	9.0	SR4	10/13/2019 13:31	29.26	86.8	5.99	2.4	SR4	10/13/2019 19:31	29.17	89.0	6.12	6.7
SR4	10/13/2019 1:36	29.30	100.2	6.89	3.1	SR4	10/13/2019 7:36	29.15	85.7	5.88	7.1	SR4	10/13/2019 13:36	29.22	94.1	6.49	2.9	SR4	10/13/2019 19:36	29.17	87.6	6.04	4.8
SR4	10/13/2019 1:41	29.33	95.7	6.58	2.5	SR4	10/13/2019 7:41	29.15	85.3	5.86	9.1	SR4	10/13/2019 13:41	29.34	90.9	6.26	2.1	SR4	10/13/2019 19:41	29.16	89.6	6.17	7.7
SR4	10/13/2019 1:46	29.34	91.7	6.30	1.9	SR4	10/13/2019 7:46	29.14	85.4	5.87	9.0	SR4	10/13/2019 13:46	29.19	88.4	6.10	3.6	SR4	10/13/2019 19:46	29.16	89.8	6.18	9.7
SR4	10/13/2019 1:51	29.33	91.3	6.28	1.3	SR4	10/13/2019 7:51	29.14	88.1	6.05	8.8	SR4	10/13/2019 13:51	29.17	84.8	5.83	3.9	SR4	10/13/2019 19:51	29.15	87.7	6.04	5.9
SR4	10/13/2019 1:56	29.34	92.7	6.37	2.1	SR4	10/13/2019 7:56	29.14	84.4	5.80	5.6	SR4	10/13/2019 13:56	29.16	84.3	5.81	5.4	SR4	10/13/2019 19:56	29.15	89.9	6.18	9.1
SR4	10/13/2019 2:01	29.33	80.5	5.53	1.3	SR4	10/13/2019 8:01	29.13	86.9	5.96	7.8	SR4	10/13/2019 14:01	29.18	83.8	5.77	5.2	SR4	10/13/2019 20:01	29.15	89.5	6.16	8.5
SR4	10/13/2019 2:06	29.33	82.5	5.66	1.8	SR4	10/13/2019 8:06	29.13	84.8	5.82	5.9	SR4	10/13/2019 14:06	29.19	80.6	5.56	3.5	SR4	10/13/2019 20:06	29.15	88.2	6.06	7.7
SR4	10/13/2019 2:11	29.32	76.9	5.29	1.3	SR4	10/13/2019 8:11	29.14	86.5	5.94	7.2	SR4	10/13/2019 14:11	29.19	82.1	5.66	3.5	SR4	10/13/2019 20:11	29.15	87.6	6.02	8.1
SR4	10/13/2019 2:16	29.34	81.0	5.57	1.9	SR4	10/13/2019 8:16	29.13	86.7	5.95	5.5	SR4	10/13/2019 14:16	29.20	88.0	6.06	5.1	SR4	10/13/2019 20:16	29.14	88.8	6.11	8.5
SR4	10/13/2019 2:21	29.35	81.8	5.62	1.8	SR4	10/13/2019 8:21	29.12	86.0	5.90	4.9	SR4	10/13/2019 14:21	29.22	87.5	6.02	4.7	SR4	10/13/2019 20:21	29.14	86.8	5.98	6.5
SR4	10/13/2019 2:26	29.31	84.2	5.77	3.5	SR4	10/13/2019 8:26	28.99	87.7	6.07	3.7	SR4	10/13/2019 14:26	29.23	83.8	5.77	4.3	SR4	10/13/2019 20:26	29.14	87.4	6.01	8.6
SR4	10/13/2019 2:31	29.32	79.8	5.47	2.0	SR4	10/13/2019 8:31	29.04	88.1	6.07	4.1	SR4	10/13/2019 14:31	29.24	79.8	5.50	4.0	SR4	10/13/2019 20:31	29.14	87.4	6.01	7.3
SR4	10/13/2019 2:36	29.31	80.2	5.50	1.1	SR4	10/13/2019 8:36	29.06	86.6	5.96	4.6	SR4	10/13/2019 14:36	29.37	82.9	5.70	2.7	SR4	10/13/2019 20:36	29.14	86.6	5.95	6.6
SR4	10/13/2019 2:41	29.27	73.5	5.04	1.6	SR4	10/13/2019 8:41	29.04	87.1	6.01	3.7	SR4	10/13/2019 14:41	29.35	80.3	5.52	2.1	SR4	10/13/2019 20:41	29.13	84.4	5.80	4.1
SR4	10/13/2019 2:46	29.31	81.2	5.57	3.1	SR4	10/13/2019 8:46	29.02	91.0	6.29	4.3	SR4	10/13/2019 14:46	29.25	84.3	5.80	5.2	SR4	10/13/2019 20:46	29.12	82.0	5.62	5.1
SR4	10/13/2019 2:51	29.32	81.7	5.60	3.3	SR4	10/13/2019 8:51	29.04	92.5	6.38	4.2	SR4	10/13/2019 14:51	29.20	87.5	6.02	7.2	SR4	10/13/2019 20:51	29.14	86.1	5.90	9.6
SR4	10/13/2019 2:56	29.30	78.4	5.38	2.0	SR4	10/13/2019 8:56	29.03	89.5	6.18	3.1	SR4	10/13/2019 14:56	29.22	87.3	6.00	6.0	SR4	10/13/2019 20:56	29.14	84.1	5.76	7.5
SR4	10/13/2019 3:01	29.30	79.4	5.45	2.0	SR4	10/13/2019 9:01	29.03	90.2	6.23	2.7	SR4	10/13/2019 15:01	29.25	86.9	5.99	3.5	SR4	10/13/2019 21:01	29.13	85.1	5.83	8.1
SR4	10/13/2019 3:06	29.31	82.1	5.64	3.5	SR4	10/13/2019 9:06	29.06	89.8	6.19	3.5	SR4	10/13/2019 15:06	29.22	85.9	5.90	4.1	SR4	10/13/2019 21:06	29.13	86.1	5.92	9.6
SR4	10/13/2019 3:11	29.29	85.1	5.84	2.9	SR4	10/13/2019 9:11	29.06	87.7	6.06	3.5	SR4	10/13/2019 15:11	29.23	89.6	6.17	4.2	SR4	10/13/2019 21:11	29.13	86.4	5.94	7.4
SR4	10/13/2019 3:16	29.28	85.4	5.87	3.4	SR4	10/13/2019 9:16	28.94	91.8	6.36	3.1	SR4	10/13/2019 15:16	29.23	90.3	6.22	3.9	SR4	10/13/2019 21:16	29.13	85.3	5.87	6.4
SR4	10/13/2019 3:21	29.28	86.3	5.92	2.6	SR4	10/13/2019 9:21	29.05	86.5	5.96	2.8	SR4	10/13/2019 15:21	29.20	89.2	6.14	3.8	SR4	10/13/2019 21:21	29.13	86.0	5.90	7.9
SR4	10/13/2019 3:26	29.25	89.2	6.13	2.4	SR4	10/13/2019 9:26	29.04	87.9	6.07	2.4	SR4	10/13/2019 15:26	29.23	88.0	6.05	3.3	SR4	10/13/2019 21:26	29.13	85.3	5.87	6.4
SR4	10/13/2019 3:31	29.25	89.4	6.14	3.4	SR4	10/13/2019 9:31	29.05	86.7	5.99	2.4	SR4	10/13/2019 15:31	29.23	86.8	5.98	3.0	SR4	10/13/2019 21:31	29.13	83.8	5.76	7.2
SR4	10/13/2019 3:36	29.22	93.5	6.42	4.6	SR4	10/13/2019 9:36	29.05	87.6	6.05	3.0	SR4	10/13/2019 15:36	29.23	86.3	5.94	2.8	SR4	10/13/2019 21:36	29.13	83.6	5.75	5.5
SR4	10/13/2019 3:41	29.25	85.0	5.83	2.7	SR4	10/13/2019 9:41	29.04	84.0	5.78	1.6	SR4	10/13/2019 15:41	29.24	89.2	6.13	4.6	SR4	10/13/2019 21:41	29.06	87.7	6.05	3.2
SR4	10/13/2019 3:46	29.23	81.2	5.58	2.5	SR4	10/13/2019 9:46	29.05	88.1	6.06	3.2	SR4	10/13/2019 15:46	29.21	89.9	6.19	3.6	SR4	10/13/2019 21:46	29.07	86.0	5.94	3.4
SR4	10/13/2019 3:51	29.23	85.9	5.90	1.9	SR4	10/13/2019 9:51	29.06	87.1	6.00	2.1	SR4	10/13/2019 15:51	29.19	88.3	6.08	3.5	SR4	10/13/2019 21:51	29.07	86.3	5.95	2.9
SR4	10/13/2019 3:56	29.22	82.3	5.66	2.1	SR4	10/13/2019 9:56	29.05	89.4	6.16	1.9	SR4	10/13/2019 15:56	29.19	84.2	5.80	2.9	SR4	10/13/2019 21:56	29.10	88.0	6.06	3.7
SR4	10/13/2019 4:01	29.22	86.7	5.96	3.0	SR4	10/13/2019 10:01	29.05	90.6	6.26	2.3	SR4	10/13/2019 16:01	29.20	82.9	5.70	3.3	SR4	10/13/2019 22:01	29.10	89.7	6.18	3.5
SR4	10/13/2019 4:06	29.20	89.0	6.12	2.7	SR4	10/13/2019 10:06	29.03	91.9	6.36	2.1	SR4	10/13/2019 16:06	29.23	92.3	6.35	3.1	SR4	10/13/2019 22:06	29.07	92.9	6.38	2.9
SR4	10/13/2019 4:11	29.19	89.9	6.18	2.5	SR4	10/13/2019 10:11	29.05	90.0	6.22	3.2	SR4	10/13/2019 16:11	29.21	91.1	6.26	2.6	SR4	10/13/2019 22:11	29.05	93.0	6.41	2.7
SR4	10/13/2019 4:16	29.19	93.4	6.42	2.8	SR4	10/13/2019 10:16	29.03	92.6	6.41	1.9	SR4	10/13/2019 16:16	29.23	90.7	6.25	3.4	SR4	10/13/2019 22:16	29.04	94.0	6.47	3.1
SR4	10/13/2019 4:21	29.16	91.8	6.31	2.2	SR4	10/13/2019 10:21	29.05	91.3	6.31	1.8	SR4	10/13/2019 16:21	29.24	94.3	6.49	3.9	SR4	10/13/2019 22:21	29.03	93.7	6.46	2.8
SR4	10/13/2019 4:26	29.14	95.3	6.56	3.1	SR4	10/13/2019 10:26	29.07	93.4	6.46	1.9	SR4	10/13/2019 16:26	29.21	92.5	6.36	3.7	SR4	10/13/2019 22:26	29.02	92.8	6.40	2.1
SR4	10/13/2019 4:31	28.98	95.9	6.64	2.8	SR4	10/13/2019 10:31	29.04	97.2	6.72	3.9	SR4	10/13/2019 16:31	29.24	100.6	6.92	4.4	SR4	10/13/2019 22:31	29.01	94.4	6.52	2.3
SR4	10/13/2019 4:36	28.88	101.9	7.07	3.2	SR4	10/13/2019 10:36	29.07	96.4	6.67	2.2	SR4	10/13/2019 16:36	29.25	100.6	6.92	2.9	SR4	10/13/2019 22:36	29.01	95.1	6.58	2.3
SR4	10/13/2019 4:41	28.91	103.0	7.15	2.6	SR4	10/13/2019 10:41	29.08	97.6	6.76	1.7	SR4	10/13/2019 16:41	29.24	99.5	6.84	2.5	SR4	10/13/2019 22:41	29.02	95.2	6.58	2.6
SR4	10/13/2019 4:46	28.98	99.0	6.86	3.0	SR4	10/13/2019 10:46	29.06	98.2	6.82	2.1	SR4	10/13/2019 16:46	29.26	106.8	7.37	2.9	SR4	10/13/2019 22:46	29.02	90.5	6.25	2.1
SR4	10/13/2019 4:51	29.05	95.3	6.59	3.0	SR4	10/13/2019 10:51	29.07	97.4	6.77	1.9	SR4	10/13/2019 16:51	29.28	110.1	7.58	2.7	SR4	10/13/2019 22:51	29.02	90.0	6.22	1.9
SR4	10/13/2019 4:56	28.85	98.8	6.88	2.7	SR4	10/13/2019 10:56	29.00	100.9	7.03	2.3	SR4	10/13/2019 16:56	29.27	107.3	7.39	2.6	SR4	10/13/2019 22:56	29.04	95.6	6.61	2.9
SR4	10/13/2019 5:01	28.52	106.0	7.46	2.3	SR4	10/13/2019 11:01	29.07	100.6	7.00	2.5	SR4	10/13/2019 17:01	29.28	111.1	7.66	2.6	SR4	10/13/2019 23:01	29.01	93.6	6.47	2.0
SR4	10/13/2019 5:06	28.43	106.4	7.51	2.5	SR4	10/13/2019 11:06	29.12	99.7	6.90	3.4	SR4	10/13/2019 17:06	29.28	108.9	7.51	2.6	SR4	10/13/2019 23:06	29.00	93.5	6.47	2.2
SR4	10/13/2019 5:11	28.14	105.5	7.52	1.7	SR4	10/13/2019 11:11	29.10	96.9	6.71	3.0	SR4	10/13/2019 17:11	29.28	112.1	7.73	3.6	SR4	10/13/2019 23:11	29.03	94.1	6.50	2.1
SR4	10/13/2019 5:16	28.27	98.1	7.02	2.2	SR4	10/13/2019 11:16	29.11	96.1	6.66	3.2	SR4	10/13/2019 17:16	29.27	111.0	7.64	3.1	SR4	10/13/2019 23:16	28.99	92.2	6.38	2.2
SR4	10/13/2019 5:21	28.97	97.5	6.76	2.6	SR4	10/13/2019 11:21	29.11	96.7	6.68	3.0	SR4	10/13/2019 17:21	29.27	112.7	7.78	3.2	SR4	10/13/2019 23:21	28.99	88.9	6.14	2.1
SR4	10/13/2019 5:26	29.10	96.1	6.64	2.8	SR4	10/13/2019 11:26	29.12	98.4	6.82	3.0	SR4	10/13/2019 17:26	29.26	114.1	7.87	3.2	SR4	10/13/2019 23:26	28.96	88.6	6.13	3.4
SR4	10/13/2019 5:31	29.13	98.7	6.80	3.0	SR4	10/13/2019 11:31	29.12	96.8	6.71	3.0	SR4	10/13/2019 17:31	29.25	114.0	7.87	2.6	SR4	10/13/2019 23:31	28.85	86.8	6.02	1.8
SR4	10/13/2019 5:36	29.16	96.7	6.66	4.9	SR4	10/13/2019 11:36	29.11	97.2	6.73	3.6	SR4	10/13/2019 17:36	29.24	113.5	7.84	2.6	SR4	10/13/2019 23:36	28.90	90.5	6.28	2.4
SR4	10/13/2019 5:41	29.16	96.8	6.66	5.4	SR4	10/13/2019 11:41	29.13	97.5	6.74	4.1	SR4	10/13/2019 17:41	29.26	110.2	7.60	5.3	SR4	10/13/2019 23:41	28.98	92.2	6.38	2.6
SR4	10/13/2019 5:46	29.16	97.8	6.72	8.9	SR4	10/13/2019 11:46	29.19	96.4	6.67	1.8	SR4	10/13/2019 17:46	29.27	100.3	6.91	5.6	SR4	10/13/2019 23:46	29.00	91.7	6.34	3.0
SR4	10/13/2019 5:51	29.16	94.9	6.53	4.4	SR4	10/13/2019 11:51	29.16	96.7	6.70	2.4	SR4	10/13/2019 17:51	29.27	101.4	6.98	7.5	SR4	10/13/2019 23:51	29.01	89.0	6.16	2.2
SR4	10/13/2019 5:56	29.16	94.9	6.52	5.7	SR4	10/13/2019 11:56	29.17	96.5	6.67	2.5	SR4	10/13/2019 17:56	29.23	101.5	6.98	7.0	SR4	10/13/2019 23:56	29.00	88.1	6.08	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)
SR5	10/13/2019 0:00	29.30	93.1	5.97	5.0	SR5	10/13/2019 6:00	29.43	103.7	6.71	5.8	SR5	10/13/2019 12:00	29.35	93.8	6.02	6.0	SR5	10/13/2019 18:00	29.48	105.9	6.84	4.1
SR5	10/13/2019 0:05	29.30	92.6	5.94	6.1	SR5	10/13/2019 6:05	29.42	103.7	6.71	5.2	SR5	10/13/2019 12:05	29.38	95.2	6.11	5.8	SR5	10/13/2019 18:05	29.47	106.2	6.86	4.0
SR5	10/13/2019 0:10	29.28	93.3	5.99	5.2	SR5	10/13/2019 6:10	29.39	99.8	6.43	4.6	SR5	10/13/2019 12:10	29.39	96.2	6.15	4.7	SR5	10/13/2019 18:10	29.46	105.1	6.78	4.6
SR5	10/13/2019 0:15	29.28	93.1	5.98	4.9	SR5	10/13/2019 6:15	29.36	97.4	6.27	5.6	SR5	10/13/2019 12:15	29.31	93.9	6.03	5.9	SR5	10/13/2019 18:15	29.45	104.2	6.73	3.4
SR5	10/13/2019 0:20	29.29	91.9	5.90	5.3	SR5	10/13/2019 6:20	29.40	97.7	6.29	4.9	SR5	10/13/2019 12:20	29.36	96.3	6.19	5.6	SR5	10/13/2019 18:20	29.44	102.7	6.63	3.5
SR5	10/13/2019 0:25	29.28	92.2	5.92	4.3	SR5	10/13/2019 6:25	29.33	93.7	6.02	5.8	SR5	10/13/2019 12:25	29.36	98.4	6.32	5.5	SR5	10/13/2019 18:25	29.40	99.5	6.41	3.4
SR5	10/13/2019 0:30	29.29	91.9	5.89	4.1	SR5	10/13/2019 6:30	29.33	94.0	6.03	5.1	SR5	10/13/2019 12:30	29.31	95.5	6.14	5.1	SR5	10/13/2019 18:30	29.37	96.7	6.23	7.4
SR5	10/13/2019 0:35	29.29	91.7	5.88	5.6	SR5	10/13/2019 6:35	29.31	91.2	5.86	5.0	SR5	10/13/2019 12:35	29.34	100.0	6.43	4.3	SR5	10/13/2019 18:35	29.35	94.9	6.11	7.4
SR5	10/13/2019 0:40	29.21	96.4	6.21	4.9	SR5	10/13/2019 6:40	29.31	91.7	5.89	4.3	SR5	10/13/2019 12:40	29.35	99.8	6.41	5.3	SR5	10/13/2019 18:40	29.38	96.5	6.21	4.2
SR5	10/13/2019 0:45	29.24	101.2	6.52	5.4	SR5	10/13/2019 6:45	29.31	91.1	5.85	5.4	SR5	10/13/2019 12:45	29.34	98.9	6.36	5.4	SR5	10/13/2019 18:45	29.35	92.6	5.96	3.7
SR5	10/13/2019 0:50	29.27	105.3	6.80	5.5	SR5	10/13/2019 6:50	29.32	90.4	5.81	5.0	SR5	10/13/2019 12:50	29.44	108.9	7.01	5.2	SR5	10/13/2019 18:50	29.32	93.4	6.00	4.2
SR5	10/13/2019 0:55	29.27	102.9	6.63	4.6	SR5	10/13/2019 6:55	29.31	89.5	5.75	5.5	SR5	10/13/2019 12:55	29.44	111.6	7.19	5.2	SR5	10/13/2019 18:55	29.32	93.0	5.98	4.0
SR5	10/13/2019 1:00	29.27	102.9	6.65	5.6	SR5	10/13/2019 7:00	29.31	89.8	5.77	4.3	SR5	10/13/2019 13:00	29.42	107.6	6.93	5.1	SR5	10/13/2019 19:00	29.31	92.1	5.92	3.9
SR5	10/13/2019 1:05	29.29	103.4	6.67	4.6	SR5	10/13/2019 7:05	29.31	89.4	5.74	5.9	SR5	10/13/2019 13:05	29.41	106.3	6.85	5.6	SR5	10/13/2019 19:05	29.30	90.7	5.83	3.8
SR5	10/13/2019 1:10	29.30	101.5	6.54	4.8	SR5	10/13/2019 7:10	29.31	91.1	5.85	5.4	SR5	10/13/2019 13:10	29.39	106.4	6.86	5.9	SR5	10/13/2019 19:10	29.29	90.5	5.81	4.2
SR5	10/13/2019 1:15	29.28	103.3	6.67	6.1	SR5	10/13/2019 7:15	29.31	89.7	5.75	4.8	SR5	10/13/2019 13:15	29.39	104.9	6.77	5.0	SR5	10/13/2019 19:15	29.30	90.1	5.78	4.1
SR5	10/13/2019 1:20	29.29	102.9	6.65	5.6	SR5	10/13/2019 7:20	29.27	88.9	5.70	5.3	SR5	10/13/2019 13:20	29.40	106.2	6.84	5.4	SR5	10/13/2019 19:20	29.28	90.1	5.78	4.1
SR5	10/13/2019 1:25	29.30	102.3	6.61	5.0	SR5	10/13/2019 7:25	29.25	88.2	5.65	5.5	SR5	10/13/2019 13:25	29.41	105.6	6.80	6.1	SR5	10/13/2019 19:25	29.28	90.0	5.77	4.5
SR5	10/13/2019 1:30	29.27	102.9	6.65	4.6	SR5	10/13/2019 7:30	29.23	87.7	5.62	4.4	SR5	10/13/2019 13:30	29.42	104.8	6.74	4.8	SR5	10/13/2019 19:30	29.29	90.1	5.79	4.3
SR5	10/13/2019 1:35	29.29	103.9	6.72	5.1	SR5	10/13/2019 7:35	29.28	88.5	5.67	5.4	SR5	10/13/2019 13:35	29.47	104.4	6.71	6.7	SR5	10/13/2019 19:35	29.26	88.5	5.67	4.4
SR5	10/13/2019 1:40	29.29	103.8	6.71	4.1	SR5	10/13/2019 7:40	29.25	87.1	5.58	4.9	SR5	10/13/2019 13:40	29.55	108.4	6.97	4.2	SR5	10/13/2019 19:40	29.27	88.7	5.69	4.6
SR5	10/13/2019 1:45	29.29	103.8	6.72	6.1	SR5	10/13/2019 7:45	29.26	87.4	5.60	5.8	SR5	10/13/2019 13:45	29.52	112.7	7.26	6.1	SR5	10/13/2019 19:45	29.26	88.5	5.67	5.2
SR5	10/13/2019 1:50	29.30	104.2	6.74	5.5	SR5	10/13/2019 7:50	29.26	87.4	5.60	5.9	SR5	10/13/2019 13:50	29.48	109.5	7.06	5.1	SR5	10/13/2019 19:50	29.25	88.0	5.64	4.9
SR5	10/13/2019 1:55	29.31	103.2	6.67	4.0	SR5	10/13/2019 7:55	29.22	86.0	5.51	5.6	SR5	10/13/2019 13:55	29.50	110.5	7.13	6.0	SR5	10/13/2019 19:55	29.25	88.1	5.65	4.8
SR5	10/13/2019 2:00	29.30	104.8	6.79	5.1	SR5	10/13/2019 8:00	29.24	86.3	5.53	3.8	SR5	10/13/2019 14:00	29.51	112.7	7.27	4.6	SR5	10/13/2019 20:00	29.24	86.5	5.54	3.6
SR5	10/13/2019 2:05	29.31	103.8	6.71	5.6	SR5	10/13/2019 8:05	29.23	86.2	5.53	4.9	SR5	10/13/2019 14:05	29.48	109.7	7.07	4.6	SR5	10/13/2019 20:05	29.26	87.6	5.62	4.2
SR5	10/13/2019 2:10	29.33	106.8	6.91	5.7	SR5	10/13/2019 8:10	29.23	85.7	5.49	5.3	SR5	10/13/2019 14:10	29.46	108.0	6.96	4.2	SR5	10/13/2019 20:10	29.24	87.3	5.59	4.4
SR5	10/13/2019 2:15	29.33	107.4	6.95	5.5	SR5	10/13/2019 8:15	29.20	84.8	5.43	4.7	SR5	10/13/2019 14:15	29.45	107.6	6.94	5.6	SR5	10/13/2019 20:15	29.23	86.7	5.55	3.7
SR5	10/13/2019 2:20	29.33	106.1	6.87	5.9	SR5	10/13/2019 8:20	29.19	84.0	5.37	6.0	SR5	10/13/2019 14:20	29.49	109.6	7.08	4.6	SR5	10/13/2019 20:20	29.21	85.7	5.49	4.1
SR5	10/13/2019 2:25	29.34	105.3	6.82	4.7	SR5	10/13/2019 8:25	29.18	84.3	5.38	4.4	SR5	10/13/2019 14:25	29.48	112.4	7.26	4.9	SR5	10/13/2019 20:25	29.22	85.9	5.50	4.3
SR5	10/13/2019 2:30	29.36	106.8	6.91	5.7	SR5	10/13/2019 8:30	29.18	84.6	5.41	4.2	SR5	10/13/2019 14:30	29.50	113.9	7.35	5.0	SR5	10/13/2019 20:30	29.23	85.4	5.47	5.0
SR5	10/13/2019 2:35	29.40	113.1	7.35	4.7	SR5	10/13/2019 8:35	29.17	84.4	5.40	6.0	SR5	10/13/2019 14:35	29.56	118.3	7.64	5.7	SR5	10/13/2019 20:35	29.20	84.0	5.38	4.6
SR5	10/13/2019 2:40	29.40	113.3	7.36	4.8	SR5	10/13/2019 8:40	29.17	84.4	5.40	4.7	SR5	10/13/2019 14:40	29.52	114.6	7.40	5.2	SR5	10/13/2019 20:40	29.19	83.9	5.37	3.3
SR5	10/13/2019 2:45	29.43	111.5	7.22	6.0	SR5	10/13/2019 8:45	29.15	84.5	5.41	4.2	SR5	10/13/2019 14:45	29.53	114.4	7.38	5.6	SR5	10/13/2019 20:45	29.19	84.8	5.42	3.4
SR5	10/13/2019 2:50	29.47	112.4	7.28	6.0	SR5	10/13/2019 8:50	29.14	84.3	5.39	6.0	SR5	10/13/2019 14:50	29.53	113.6	7.33	5.7	SR5	10/13/2019 20:50	29.19	84.4	5.40	3.4
SR5	10/13/2019 2:55	29.46	112.3	7.29	6.2	SR5	10/13/2019 8:55	29.15	84.2	5.38	4.6	SR5	10/13/2019 14:55	29.53	114.3	7.37	5.5	SR5	10/13/2019 20:55	29.19	83.7	5.35	4.1
SR5	10/13/2019 3:00	29.45	111.6	7.24	4.9	SR5	10/13/2019 9:00	29.15	84.6	5.41	6.1	SR5	10/13/2019 15:00	29.56	114.8	7.41	4.0	SR5	10/13/2019 21:00	29.19	83.8	5.36	3.0
SR5	10/13/2019 3:05	29.45	111.7	7.25	5.2	SR5	10/13/2019 9:05	29.14	84.2	5.38	5.2	SR5	10/13/2019 15:05	29.60	116.2	7.51	4.7	SR5	10/13/2019 21:05	29.17	84.3	5.39	3.8
SR5	10/13/2019 3:10	29.45	111.1	7.21	5.5	SR5	10/13/2019 9:10	29.14	84.6	5.40	4.7	SR5	10/13/2019 15:10	29.59	117.2	7.57	5.4	SR5	10/13/2019 21:10	29.17	83.8	5.36	4.0
SR5	10/13/2019 3:15	29.43	110.8	7.19	5.5	SR5	10/13/2019 9:15	29.14	84.6	5.41	5.0	SR5	10/13/2019 15:15	29.56	115.8	7.48	5.5	SR5	10/13/2019 21:15	29.17	84.1	5.38	3.5
SR5	10/13/2019 3:20	29.43	112.2	7.28	5.2	SR5	10/13/2019 9:20	29.14	84.2	5.38	4.6	SR5	10/13/2019 15:20	29.57	115.6	7.49	4.8	SR5	10/13/2019 21:20	29.17	84.0	5.37	3.2
SR5	10/13/2019 3:25	29.43	111.2	7.22	4.6	SR5	10/13/2019 9:25	29.13	83.7	5.35	5.1	SR5	10/13/2019 15:25	29.57	114.5	7.40	5.2	SR5	10/13/2019 21:25	29.16	83.9	5.36	4.4
SR5	10/13/2019 3:30	29.43	110.8	7.19	6.3	SR5	10/13/2019 9:30	29.13	83.7	5.35	6.5	SR5	10/13/2019 15:30	29.54	113.5	7.33	4.4	SR5	10/13/2019 21:30	29.16	84.3	5.39	3.9
SR5	10/13/2019 3:35	29.44	110.7	7.19	4.8	SR5	10/13/2019 9:35	29.14	83.6	5.34	5.4	SR5	10/13/2019 15:35	29.54	112.2	7.25	5.7	SR5	10/13/2019 21:35	29.16	84.1	5.38	3.2
SR5	10/13/2019 3:40	29.44	110.5	7.17	4.5	SR5	10/13/2019 9:40	29.13	83.2	5.31	6.4	SR5	10/13/2019 15:40	29.53	110.9	7.18	4.9	SR5	10/13/2019 21:40	29.15	82.9	5.30	4.5
SR5	10/13/2019 3:45	29.44	110.4	7.16	4.4	SR5	10/13/2019 9:45	29.12	83.1	5.31	4.0	SR5	10/13/2019 15:45	29.54	112.2	7.28	4.8	SR5	10/13/2019 21:45	29.15	83.1	5.31	4.1
SR5	10/13/2019 3:50	29.44	110.2	7.15	4.7	SR5	10/13/2019 9:50	29.12	82.7	5.29	5.8	SR5	10/13/2019 15:50	29.54	111.8	7.24	4.8	SR5	10/13/2019 21:50	29.15	83.4	5.33	3.6
SR5	10/13/2019 3:55	29.44	111.1	7.21	5.2	SR5	10/13/2019 9:55	29.12	82.4	5.27	4.6	SR5	10/13/2019 15:55	29.54	110.9	7.17	5.2	SR5	10/13/2019 21:55	29.15	83.7	5.35	3.5
SR5	10/13/2019 4:00	29.44	109.7	7.11	4.9	SR5	10/13/2019 10:00	29.21	86.1	5.50	4.3	SR5	10/13/2019 16:00	29.55	113.6	7.34	5.9	SR5	10/13/2019 22:00	29.14	83.3	5.32	5.4
SR5	10/13/2019 4:05	29.44	109.7	7.12	5.5	SR5	10/13/2019 10:05	29.17	85.3	5.45	4.8	SR5	10/13/2019 16:05	29.55	114.1	7.38	5.5	SR5	10/13/2019 22:05	29.14	83.4	5.33	3.6
SR5	10/13/2019 4:10	29.43	109.5	7.10	4.3	SR5	10/13/2019 10:10	29.20	87.9	5.63	3.9	SR5	10/13/2019 16:10	29.56	114.6	7.41	5.5	SR5	10/13/2019 22:10	29.15	83.6	5.34	4.9
SR5	10/13/2019 4:15	29.43	109.1	7.08	4.7	SR5	10/13/2019 10:15	29.19	87.3	5.59	5.7	SR5	10/13/2019 16:15	29.55	113.9	7.36	5.6	SR5	10/13/2019 22:15	29.15	83.8	5.35	4.7
SR5	10/13/2019 4:20	29.43	109.1	7.07	5.4	SR5	10/13/2019 10:20	29.19	86.9	5.57	4.7	SR5	10/13/2019 16:20	29.55	112.6	7.27	6.0	SR5	10/13/2019 22:20	29.14	83.5	5.34	4.0
SR5	10/13/2019 4:25	29.43	108.9	7.06	5.8	SR5	10/13/2019 10:25	29.19	86.6	5.55	4.8	SR5	10/13/2019 16:25	29.56	113.7	7.35	5.1	SR5	10/13/2019 22:25	29.14	83.4	5.33	4.4
SR5	10/13/2019 4:30	29.42	108.6	7.04	4.8	SR5	10/13/2019 10:30	29.18	85.8	5.50	5.3	SR5	10/13/2019 16:30	29.56	113.4	7.33	6.0	SR5	10/13/2019 22:30	29.14	83.0	5.30	3.9
SR5	10/13/2019 4:35	29.42	108.6	7.05	5.9	SR5	10/13/2019 10:35	29.20	87.4	5.60	5.5	SR5	10/13/2019 16:35	29.56	113.2	7.31	7.4	SR5	10/13/2019 22:35	29.14	82.1	5.24	3.6
SR5	10/13/2019 4:40	29.40	108.0	7.01	5.0	SR5	10/13/2019 10:40	29.21	87.8	5.63	5.6	SR5	10/13/2019 16:40	29.55	112.6	7.28	7.8	SR5	10/13/2019 22:40	29.14	81.2	5.19	3.8
SR5	10/13/2019 4:45	29.34	107.6	6.99	4.5	SR5	10/13/2019 10:45	29.20	85.8	5.50	5.4	SR5	10/13/2019 16:45	29.55	111.4	7.19	5.0	SR5	10/13/2019 22:45	29.14	81.3	5.19	3.8
SR5	10/13/2019 4:50	29.36	106.9	6.95	4.2	SR5	10/13/2019 10:50	29.21	87.2	5.58	5.6	SR5	10/13/2019 16:50	29.54	111.0	7.17	5.6	SR5	10/13/2019 22:50	29.12	81.2	5.19	3.4
SR5	10/13/2019 4:55	29.33	108.1	7.03	5.0	SR5	10/13/2019 10:55	29.21	87.1	5.58	5.3	SR5	10/13/2019 16:55	29.54	110.6	7.14	5.4	SR5	10/13/2019 22:55	29.13	83.1	5.31	3.3
SR5	10/13/2019 5:00	29.37	108.5	7.05	5.4	SR5	10/13/2019 11:00	29.21	87.7	5.61	5.1	SR5	10/13/2019 17:00	29.55	110.6	7.16	5.4	SR5	10/13/2019 23:00	29.13	81.7	5.22	3.7
SR5	10/13/2019 5:05	29.38	108.5	7.05	5.4	SR5	10/13/2019 11:05	29.25	90.4	5.79	5.1	SR5	10/13/2019 17:05	29.54	110.7	7.16	5.0	SR5	10/13/2019 23:05	29.16	86.2	5.52	4.5
SR5	10/13/2019 5:10	29.39	108.8	7.06	5.7	SR5	10/13/2019 11:10	29.24	89.8	5.75	5.0	SR5	10/13/2019 17:10	29.53	109.1	7.07	6.0	SR5	10/13/2019 23:10	29.16	86.4	5.54	4.8
SR5	10/13/2019 5:15	29.40	107.5	6.98	4.8	SR5	10/13/2019 11:15	29.26	91.6	5.87	4.5	SR5	10/13/2019 17:15	29.54	109.9	7.11	4.9	SR5	10/13/2019 23:15	29.16	85.0	5.46	4.5
SR5	10/13/2019 5:20	29.39	107.6	6.99	6.0	SR5	10/13/2019 11:20	29.24	90.2	5.78	4.8	SR5	10/13/2019 17:20	29.54	110.9	7.17	4.9	SR5	10/13/2019 23:20	29.15	86.8	5.58	4.1
SR5	10/13/2019 5:25	29.42	103.4	6.71	4.9	SR5	10/13/2019 11:25	29.28	90.3	5.79	5.1	SR5	10/13/2019 17:25	29.53	109.1	7.05	4.7	SR5	10/13/2019 23:25	29.15	86.1	5.51	4.1
SR5	10/13/2019 5:30	29.38	107.5	6.98	3.7	SR5	10/13/2019 11:30	29.31	90.5	5.80	4.7	SR5	10/13/2019 17:30	29.52	107.0	6.91	4.1	SR5	10/13/2019 23:30	29.15	87.2	5.59	3.9
SR5	10/13/2019 5:35	29.42	107.8	7.00	4.6	SR5	10/13/2019 11:35	29.28	89.9	5.77	4.1	SR5	10/13/2019 17:35	29.51	108.2	6.99	4.3	SR5	10/13/2019 23:35	29.16	88.0	5.64	4.6
SR5	10/13/2019 5:40	29.40	106.8	6.93	5.1	SR5	10/13/2019 11:40	29.28	89.6	5.75	5.4	SR5	10/13/2019 17:40	29.51	108.8	7.02	4.5	SR5	10/13/2019 23:40	29.16	87.3	5.59	3.1
SR5	10/13/2019 5:45	29.42	106.6	6.91	5.8	SR5	10/13/2019 11:45	29.36	95.1	6.10	5.8	SR5	10/13/2019 17:45	29.49	107.4	6.94	4.1	SR5	10/13/2019 23:45	29.15	86.5	5.54	4.5
SR5	10/13/2019 5:50	29.42	103.8	6.72	5.6	SR5	10/13/2019 11:50	29.36	96.5	6.20	5.0	SR5	10/13/2019 17:50	29.48	106.9	6.90	3.9	SR5	10/13/2019 23:50	29.13	89.8	5.77	4.1
SR5	10/13/2019 5:55	29.42	103.6	6.70	5.2	SR5	10/13/2019 11:55	29.36	95.5	6.13	4.8	SR5	10/13/2019 17:55	29.48	106.5	6.88	4.0	SR5	10/13/2019 23:55	29.14	89.5	5.75	4.2

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	10/13/2019 0:01	29.35	80.0	5.69	5.6	SR12	10/13/2019 6:01	29.61	77.8	5.53	3.8	SR12	10/13/2019 12:01	29.48	82.6	5.88	5.3	SR12	10/13/2019 18:01	29.58	77.2	5.52	4.6
SR12	10/13/2019 0:06	29.37	78.6	5.60	5.8	SR12	10/13/2019 6:06	29.60	78.1	5.56	2.7	SR12	10/13/2019 12:06	29.49	82.1	5.84	5.0	SR12	10/13/2019 18:06	29.67	78.8	5.61	4.1
SR12	10/13/2019 0:11	29.37	78.0	5.54	6.4	SR12	10/13/2019 6:11	29.58	72.5	5.17	2.8	SR12	10/13/2019 12:11	29.48	81.9	5.83	7.1	SR12	10/13/2019 18:11	29.66	76.6	5.46	3.2
SR12	10/13/2019 0:16	29.37	82.1	5.83	4.7	SR12	10/13/2019 6:16	29.60	78.3	5.57	4.1	SR12	10/13/2019 12:16	29.48	84.5	6.02	5.1	SR12	10/13/2019 18:16	29.60	79.5	5.66	5.9
SR12	10/13/2019 0:21	29.39	79.5	5.65	4.9	SR12	10/13/2019 6:21	29.61	78.5	5.58	4.2	SR12	10/13/2019 12:21	29.48	85.9	6.11	4.7	SR12	10/13/2019 18:21	29.56	82.0	5.83	7.5
SR12	10/13/2019 0:26	29.40	84.7	6.01	5.8	SR12	10/13/2019 6:26	29.60	76.4	5.44	4.0	SR12	10/13/2019 12:26	29.47	83.8	5.97	4.5	SR12	10/13/2019 18:26	29.57	81.9	5.83	5.9
SR12	10/13/2019 0:31	29.40	84.7	6.02	5.3	SR12	10/13/2019 6:31	29.61	77.1	5.49	3.7	SR12	10/13/2019 12:31	29.47	84.2	6.00	4.1	SR12	10/13/2019 18:31	29.60	81.9	5.84	4.9
SR12	10/13/2019 0:36	29.42	88.6	6.29	4.5	SR12	10/13/2019 6:36	29.62	79.0	5.63	4.1	SR12	10/13/2019 12:36	29.49	83.6	5.94	5.1	SR12	10/13/2019 18:36	29.57	80.5	5.72	5.0
SR12	10/13/2019 0:41	29.42	89.4	6.35	8.1	SR12	10/13/2019 6:41	29.60	80.8	5.74	4.1	SR12	10/13/2019 12:41	29.49	82.5	5.89	4.5	SR12	10/13/2019 18:41	29.58	83.5	5.95	4.6
SR12	10/13/2019 0:46	29.43	91.6	6.49	4.6	SR12	10/13/2019 6:46	29.59	81.5	5.80	4.6	SR12	10/13/2019 12:46	29.41	85.0	6.06	4.2	SR12	10/13/2019 18:46	29.58	84.2	5.99	4.4
SR12	10/13/2019 0:51	29.43	91.3	6.47	5.5	SR12	10/13/2019 6:51	29.60	82.3	5.85	3.9	SR12	10/13/2019 12:51	29.49	82.1	5.85	4.4	SR12	10/13/2019 18:51	29.56	83.4	5.93	4.8
SR12	10/13/2019 0:56	29.43	92.1	6.53	4.9	SR12	10/13/2019 6:56	29.59	84.3	5.99	3.5	SR12	10/13/2019 12:56	29.48	82.4	5.87	3.5	SR12	10/13/2019 18:56	29.58	82.5	5.87	4.7
SR12	10/13/2019 1:01	29.45	92.6	6.56	4.4	SR12	10/13/2019 7:01	29.59	84.5	6.00	4.5	SR12	10/13/2019 13:01	29.48	81.6	5.82	3.8	SR12	10/13/2019 19:01	29.58	81.8	5.83	4.0
SR12	10/13/2019 1:06	29.45	88.4	6.26	3.8	SR12	10/13/2019 7:06	29.57	87.0	6.17	5.0	SR12	10/13/2019 13:06	29.49	83.0	5.92	3.8	SR12	10/13/2019 19:06	29.58	81.1	5.77	3.8
SR12	10/13/2019 1:11	29.45	86.8	6.15	3.2	SR12	10/13/2019 7:11	29.58	81.5	5.79	4.5	SR12	10/13/2019 13:11	29.47	80.2	5.71	3.4	SR12	10/13/2019 19:11	29.58	82.8	5.88	5.3
SR12	10/13/2019 1:16	29.47	88.3	6.26	4.6	SR12	10/13/2019 7:16	29.58	78.1	5.56	4.3	SR12	10/13/2019 13:16	29.48	83.3	5.93	4.1	SR12	10/13/2019 19:16	29.57	83.4	5.93	4.4
SR12	10/13/2019 1:21	29.47	91.5	6.48	5.3	SR12	10/13/2019 7:21	29.58	81.8	5.82	3.3	SR12	10/13/2019 13:21	29.50	82.8	5.90	3.4	SR12	10/13/2019 19:21	29.56	82.3	5.86	4.7
SR12	10/13/2019 1:26	29.47	89.3	6.32	4.5	SR12	10/13/2019 7:26	29.57	79.0	5.63	3.6	SR12	10/13/2019 13:26	29.48	83.9	5.97	4.0	SR12	10/13/2019 19:26	29.56	79.3	5.65	4.5
SR12	10/13/2019 1:31	29.42	93.0	6.59	3.7	SR12	10/13/2019 7:31	29.57	82.2	5.84	4.6	SR12	10/13/2019 13:31	29.48	84.7	6.03	3.8	SR12	10/13/2019 19:31	29.56	78.2	5.57	4.8
SR12	10/13/2019 1:36	29.42	92.7	6.56	3.5	SR12	10/13/2019 7:36	29.57	83.7	5.95	4.1	SR12	10/13/2019 13:36	29.47	85.5	6.10	3.4	SR12	10/13/2019 19:36	29.57	85.7	6.09	4.2
SR12	10/13/2019 1:41	29.48	95.8	6.78	4.7	SR12	10/13/2019 7:41	29.57	84.1	5.97	4.4	SR12	10/13/2019 13:41	29.48	83.9	5.98	3.9	SR12	10/13/2019 19:41	29.57	84.4	6.00	4.1
SR12	10/13/2019 1:46	29.63	94.6	6.68	4.3	SR12	10/13/2019 7:46	29.56	86.7	6.15	4.3	SR12	10/13/2019 13:46	29.47	86.6	6.18	3.9	SR12	10/13/2019 19:46	29.57	84.0	5.98	5.5
SR12	10/13/2019 1:51	29.66	95.1	6.72	4.5	SR12	10/13/2019 7:51	29.54	85.9	6.10	3.9	SR12	10/13/2019 13:51	29.48	85.5	6.09	3.2	SR12	10/13/2019 19:51	29.59	86.9	6.17	4.4
SR12	10/13/2019 1:56	29.56	93.8	6.62	3.3	SR12	10/13/2019 7:56	29.54	88.6	6.29	4.4	SR12	10/13/2019 13:56	29.49	86.9	6.19	3.8	SR12	10/13/2019 19:56	29.57	85.0	6.04	4.4
SR12	10/13/2019 2:01	29.57	92.0	6.50	2.9	SR12	10/13/2019 8:01	29.42	88.6	6.32	3.9	SR12	10/13/2019 14:01	29.48	89.8	6.39	4.8	SR12	10/13/2019 20:01	29.59	91.5	6.49	4.7
SR12	10/13/2019 2:06	29.58	93.4	6.60	3.7	SR12	10/13/2019 8:06	29.35	93.0	6.64	4.3	SR12	10/13/2019 14:06	29.49	88.7	6.32	3.9	SR12	10/13/2019 20:06	29.60	90.9	6.44	4.3
SR12	10/13/2019 2:11	29.59	88.2	6.24	2.8	SR12	10/13/2019 8:11	29.37	93.7	6.68	3.8	SR12	10/13/2019 14:11	29.50	89.1	6.35	4.0	SR12	10/13/2019 20:11	29.59	90.3	6.40	3.9
SR12	10/13/2019 2:16	29.59	89.5	6.33	3.4	SR12	10/13/2019 8:16	29.43	91.1	6.49	4.2	SR12	10/13/2019 14:16	29.50	90.0	6.43	3.2	SR12	10/13/2019 20:16	29.61	95.1	6.75	3.8
SR12	10/13/2019 2:21	29.58	89.7	6.35	3.3	SR12	10/13/2019 8:21	29.48	88.5	6.31	3.8	SR12	10/13/2019 14:21	29.50	89.2	6.38	3.5	SR12	10/13/2019 20:21	29.62	98.1	6.95	3.8
SR12	10/13/2019 2:26	29.56	89.0	6.29	2.8	SR12	10/13/2019 8:26	29.33	90.9	6.51	4.1	SR12	10/13/2019 14:26	29.45	91.6	6.55	4.7	SR12	10/13/2019 20:26	29.60	96.2	6.82	4.6
SR12	10/13/2019 2:31	29.56	90.9	6.43	3.4	SR12	10/13/2019 8:31	29.10	95.6	6.89	3.4	SR12	10/13/2019 14:31	29.49	91.2	6.52	3.9	SR12	10/13/2019 20:31	29.62	98.6	6.99	4.4
SR12	10/13/2019 2:36	29.56	92.4	6.53	4.0	SR12	10/13/2019 8:36	29.05	96.4	6.96	3.8	SR12	10/13/2019 14:36	29.53	91.0	6.48	4.6	SR12	10/13/2019 20:36	29.62	97.2	6.90	4.3
SR12	10/13/2019 2:41	29.56	90.3	6.39	3.3	SR12	10/13/2019 8:41	28.83	95.2	6.93	3.5	SR12	10/13/2019 14:41	29.52	89.0	6.34	4.7	SR12	10/13/2019 20:41	29.62	99.5	7.05	4.0
SR12	10/13/2019 2:46	29.56	89.5	6.33	3.6	SR12	10/13/2019 8:46	28.94	89.6	6.54	3.6	SR12	10/13/2019 14:46	29.52	88.7	6.33	4.6	SR12	10/13/2019 20:46	29.61	98.6	6.98	4.0
SR12	10/13/2019 2:51	29.55	88.6	6.27	3.5	SR12	10/13/2019 8:51	29.43	89.9	6.41	4.1	SR12	10/13/2019 14:51	29.52	88.8	6.32	4.3	SR12	10/13/2019 20:51	29.60	99.8	7.08	3.7
SR12	10/13/2019 2:56	29.54	89.2	6.31	3.6	SR12	10/13/2019 8:56	29.52	89.3	6.36	4.4	SR12	10/13/2019 14:56	29.53	90.1	6.42	4.7	SR12	10/13/2019 20:56	29.61	100.5	7.12	4.9
SR12	10/13/2019 3:01	29.55	86.0	6.10	2.8	SR12	10/13/2019 9:01	29.55	90.7	6.44	4.8	SR12	10/13/2019 15:01	29.53	89.2	6.37	4.1	SR12	10/13/2019 21:01	29.59	100.1	7.10	3.5
SR12	10/13/2019 3:06	29.52	91.9	6.49	3.8	SR12	10/13/2019 9:06	29.56	89.2	6.34	5.4	SR12	10/13/2019 15:06	29.53	89.1	6.35	4.3	SR12	10/13/2019 21:06	29.59	99.6	7.06	3.4
SR12	10/13/2019 3:11	29.54	93.9	6.66	3.7	SR12	10/13/2019 9:11	29.57	89.6	6.36	6.0	SR12	10/13/2019 15:11	29.53	89.9	6.40	4.8	SR12	10/13/2019 21:11	29.59	97.0	6.87	5.4
SR12	10/13/2019 3:16	29.56	94.1	6.67	3.0	SR12	10/13/2019 9:16	29.57	89.7	6.35	9.0	SR12	10/13/2019 15:16	29.58	88.7	6.32	3.3	SR12	10/13/2019 21:16	29.61	89.7	6.36	6.0
SR12	10/13/2019 3:21	29.56	95.0	6.72	3.9	SR12	10/13/2019 9:21	29.56	87.9	6.24	5.5	SR12	10/13/2019 15:21	29.55	89.0	6.35	4.3	SR12	10/13/2019 21:21	29.60	91.1	6.45	8.0
SR12	10/13/2019 3:26	29.54	93.7	6.63	3.5	SR12	10/13/2019 9:26	29.57	88.4	6.27	6.2	SR12	10/13/2019 15:26	29.56	88.9	6.33	3.3	SR12	10/13/2019 21:26	29.58	90.9	6.43	7.6
SR12	10/13/2019 3:31	29.57	91.2	6.45	3.8	SR12	10/13/2019 9:31	29.57	87.1	6.18	5.2	SR12	10/13/2019 15:31	29.57	90.2	6.42	4.2	SR12	10/13/2019 21:31	29.57	89.8	6.37	5.5
SR12	10/13/2019 3:36	29.57	94.7	6.70	3.7	SR12	10/13/2019 9:36	29.56	87.9	6.24	7.4	SR12	10/13/2019 15:36	29.59	91.6	6.52	4.6	SR12	10/13/2019 21:36	29.58	91.0	6.44	7.0
SR12	10/13/2019 3:41	29.57	93.1	6.58	5.5	SR12	10/13/2019 9:41	29.55	87.0	6.18	5.1	SR12	10/13/2019 15:41	29.57	88.4	6.30	4.3	SR12	10/13/2019 21:41	29.57	89.6	6.34	6.6
SR12	10/13/2019 3:46	29.58	91.4	6.47	3.2	SR12	10/13/2019 9:46	29.54	87.6	6.22	5.0	SR12	10/13/2019 15:46	29.54	83.3	5.94	2.7	SR12	10/13/2019 21:46	29.56	88.8	6.29	6.7
SR12	10/13/2019 3:51	29.57	95.3	6.74	4.9	SR12	10/13/2019 9:51	29.55	88.1	6.26	5.7	SR12	10/13/2019 15:51	29.56	87.8	6.25	3.9	SR12	10/13/2019 21:51	29.56	88.0	6.24	5.8
SR12	10/13/2019 3:56	29.56	94.4	6.69	3.3	SR12	10/13/2019 9:56	29.54	86.6	6.15	5.6	SR12	10/13/2019 15:56	29.53	88.8	6.32	3.5	SR12	10/13/2019 21:56	29.57	85.7	6.08	5.5
SR12	10/13/2019 4:01	29.56	94.6	6.69	3.7	SR12	10/13/2019 10:01	29.55	87.3	6.19	6.1	SR12	10/13/2019 16:01	29.54	86.6	6.17	4.8	SR12	10/13/2019 22:01	29.55	86.6	6.13	7.0
SR12	10/13/2019 4:06	29.57	93.1	6.58	3.6	SR12	10/13/2019 10:06	29.55	87.9	6.24	6.5	SR12	10/13/2019 16:06	29.52	85.6	6.09	6.2	SR12	10/13/2019 22:06	29.56	86.5	6.14	6.7
SR12	10/13/2019 4:11	29.57	91.3	6.46	3.0	SR12	10/13/2019 10:11	29.54	87.8	6.24	7.3	SR12	10/13/2019 16:11	29.58	85.8	6.11	3.9	SR12	10/13/2019 22:11	29.54	85.7	6.09	4.9
SR12	10/13/2019 4:16	29.58	90.5	6.41	3.4	SR12	10/13/2019 10:16	29.54	84.0	5.98	4.9	SR12	10/13/2019 16:16	29.56	85.5	6.09	4.2	SR12	10/13/2019 22:16	29.55	85.6	6.08	5.1
SR12	10/13/2019 4:21	29.58	89.1	6.32	3.9	SR12	10/13/2019 10:21	29.53	85.3	6.06	5.1	SR12	10/13/2019 16:21	29.54	84.6	6.03	4.0	SR12	10/13/2019 22:21	29.54	86.1	6.11	6.4
SR12	10/13/2019 4:26	29.53	88.8	6.30	3.8	SR12	10/13/2019 10:26	29.53	84.3	5.99	5.1	SR12	10/13/2019 16:26	29.55	81.5	5.81	3.8	SR12	10/13/2019 22:26	29.55	87.2	6.19	6.1
SR12	10/13/2019 4:31	29.57	87.2	6.18	2.9	SR12	10/13/2019 10:31	29.55	84.7	6.02	6.3	SR12	10/13/2019 16:31	29.57	80.1	5.72	4.9	SR12	10/13/2019 22:31	29.54	84.7	6.01	8.2
SR12	10/13/2019 4:36	29.57	89.6	6.35	3.2	SR12	10/13/2019 10:36	29.56	83.2	5.90	7.5	SR12	10/13/2019 16:36	29.66	82.1	5.86	3.1	SR12	10/13/2019 22:36	29.55	84.7	6.01	7.8
SR12	10/13/2019 4:41	29.57	89.2	6.33	2.9	SR12	10/13/2019 10:41	29.56	83.0	5.90	6.8	SR12	10/13/2019 16:41	29.62	80.8	5.77	3.9	SR12	10/13/2019 22:41	29.53	84.3	5.98	6.8
SR12	10/13/2019 4:46	29.59	88.1	6.25	3.3	SR12	10/13/2019 10:46	29.56	83.1	5.91	6.1	SR12	10/13/2019 16:46	29.63	81.3	5.79	3.7	SR12	10/13/2019 22:46	29.54	85.5	6.07	7.0
SR12	10/13/2019 4:51	29.60	83.6	5.94	2.8	SR12	10/13/2019 10:51	29.55	82.5	5.87	6.8	SR12	10/13/2019 16:51	29.66	81.6	5.81	3.1	SR12	10/13/2019 22:51	29.53	84.1	5.97	5.6
SR12	10/13/2019 4:56	29.58	79.1	5.63	6.1	SR12	10/13/2019 10:56	29.56	81.3	5.78	6.0	SR12	10/13/2019 16:56	29.63	82.9	5.91	3.6	SR12	10/13/2019 22:56	29.53	81.1	5.77	5.4
SR12	10/13/2019 5:01	29.60	77.3	5.51	3.1	SR12	10/13/2019 11:01	29.56	82.0	5.83	8.7	SR12	10/13/2019 17:01	29.62	81.9	5.84	3.2	SR12	10/13/2019 23:01	29.52	82.1	5.83	6.3
SR12	10/13/2019 5:06	29.56	91.5	6.48	4.4	SR12	10/13/2019 11:06	29.56	81.7	5.80	6.7	SR12	10/13/2019 17:06	29.58	86.8	6.18	3.4	SR12	10/13/2019 23:06	29.54	80.6	5.73	5.7
SR12	10/13/2019 5:11	29.59	88.7	6.30	3.7	SR12	10/13/2019 11:11	29.56	81.0	5.75	8.5	SR12	10/13/2019 17:11	29.66	84.0	5.97	3.2	SR12	10/13/2019 23:11	29.52	82.6	5.87	7.7
SR12	10/13/2019 5:16	29.60	85.9	6.09	3.4	SR12	10/13/2019 11:16	29.56	81.2	5.77	8.7	SR12	10/13/2019 17:16	29.55	82.4	5.87	4.7	SR12	10/13/2019 23:16	29.51	83.1	5.90	8.9
SR12	10/13/2019 5:21	29.60	84.6	6.01	2.7	SR12	10/13/2019 11:21	29.55	83.3	5.92	8.4	SR12	10/13/2019 17:21	29.54	80.2	5.71	4.9	SR12	10/13/2019 23:21	29.51	81.4	5.79	5.6
SR12	10/13/2019 5:26	29.61	85.7	6.08	3.0	SR12	10/13/2019 11:26	29.56	80.4	5.71	5.5	SR12	10/13/2019 17:26	29.54	80.3	5.73	5.9	SR12	10/13/2019 23:26	29.50	82.9	5.88	8.4
SR12	10/13/2019 5:31	29.59	77.4	5.51	2.9	SR12	10/13/2019 11:31	29.54	82.3	5.84	7.1	SR12	10/13/2019 17:31	29.54	79.5	5.67	5.3	SR12	10/13/2019 23:31	29.52	82.8	5.88	7.8
SR12	10/13/2019 5:36	29.60	79.1	5.62	3.9	SR12	10/13/2019 11:36	29.55	80.6	5.73	6.4	SR12	10/13/2019 17:36	29.56	77.6	5.55	5.2	SR12	10/13/2019 23:36	29.52	82.3	5.84	6.8
SR12	10/13/2019 5:41	29.59	75.0	5.35	2.6	SR12	10/13/2019 11:41	29.55	82.1	5.83	7.3	SR12	10/13/2019 17:41	29.56	78.3	5.59	4.2	SR12	10/13/2019 23:41	29.51	81.5	5.79	7.6
SR12	10/13/2019 5:46	29.61	77.7	5.53	3.5	SR12	10/13/2019 11:46	29.54	82.1	5.83	6.1	SR12	10/13/2019 17:46	29.57	83.0	5.91	5.7	SR12	10/13/2019 23:46	29.51	82.3	5.84	7.8
SR12	10/13/2019 5:51	29.63	78.5	5.58	3.1	SR12	10/13/2019 11:51	29.53	81.2	5.77	5.2	SR12	10/13/2019 17:51	29.57	82.7	5.89	5.1	SR12	10/13/2019 23:51	29.51	81.2	5.78	6.6
SR12	10/13/2019 5:56	29.60	80.7	5.73	4.4	SR12	10/13/2019 11:56	29.44	82.7	5.91	4.6	SR12	10/13/2019 17:56	29.59	79.6	5.67	5.4	SR12	10/13/2019 23:56	29.49	81.2	5.77	8.1

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	10/13/2019 0:00	29.83	83.9	6.10	5.5	SR13	10/13/2019 6:00	29.81	82.9	6.02	6.3	SR13	10/13/2019 12:00	29.86	78.6	5.72	4.3	SR13	10/13/2019 18:00	29.87	77.5	5.65	4.9
SR13	10/13/2019 0:05	29.82	82.7	6.01	5.1	SR13	10/13/2019 6:05	29.83	82.7	6.02	7.8	SR13	10/13/2019 12:05	29.83	79.3	5.78	4.0	SR13	10/13/2019 18:05	29.86	77.6	5.67	4.7
SR13	10/13/2019 0:10	29.85	84.4	6.14	6.9	SR13	10/13/2019 6:10	29.80	82.6	6.00	7.7	SR13	10/13/2019 12:10	29.82	80.1	5.84	4.0	SR13	10/13/2019 18:10	29.84	78.9	5.76	5.1
SR13	10/13/2019 0:15	29.86	86.5	6.28	5.8	SR13	10/13/2019 6:15	29.81	81.5	5.92	7.3	SR13	10/13/2019 12:15	29.83	78.8	5.73	4.0	SR13	10/13/2019 18:15	29.87	77.5	5.66	5.5
SR13	10/13/2019 0:20	29.86	87.6	6.36	4.8	SR13	10/13/2019 6:20	29.81	83.1	6.04	7.3	SR13	10/13/2019 12:20	29.83	81.0	5.90	4.6	SR13	10/13/2019 18:20	29.88	76.8	5.60	5.1
SR13	10/13/2019 0:25	29.85	86.8	6.29	6.2	SR13	10/13/2019 6:25	29.82	81.4	5.92	6.5	SR13	10/13/2019 12:25	29.82	80.2	5.84	3.4	SR13	10/13/2019 18:25	29.87	76.5	5.59	5.5
SR13	10/13/2019 0:30	29.86	83.9	6.09	5.1	SR13	10/13/2019 6:30	29.80	79.4	5.77	5.8	SR13	10/13/2019 12:30	29.83	80.6	5.86	4.5	SR13	10/13/2019 18:30	29.87	77.0	5.62	5.0
SR13	10/13/2019 0:35	29.89	83.9	6.09	5.2	SR13	10/13/2019 6:35	29.80	79.1	5.76	6.4	SR13	10/13/2019 12:35	29.84	77.6	5.66	4.0	SR13	10/13/2019 18:35	29.88	75.1	5.49	5.6
SR13	10/13/2019 0:40	29.87	84.6	6.15	5.7	SR13	10/13/2019 6:40	29.81	79.8	5.80	8.0	SR13	10/13/2019 12:40	29.82	73.8	5.39	5.0	SR13	10/13/2019 18:40	29.88	76.1	5.56	5.1
SR13	10/13/2019 0:45	29.91	85.9	6.23	5.1	SR13	10/13/2019 6:45	29.81	79.9	5.80	6.8	SR13	10/13/2019 12:45	29.82	73.8	5.39	3.6	SR13	10/13/2019 18:45	29.89	75.9	5.54	6.3
SR13	10/13/2019 0:50	29.88	86.5	6.28	5.1	SR13	10/13/2019 6:50	29.79	80.2	5.84	7.3	SR13	10/13/2019 12:50	29.81	79.5	5.78	4.3	SR13	10/13/2019 18:50	29.88	76.9	5.62	5.7
SR13	10/13/2019 0:55	29.90	87.9	6.38	4.3	SR13	10/13/2019 6:55	29.77	80.6	5.86	6.1	SR13	10/13/2019 12:55	29.81	80.1	5.84	4.2	SR13	10/13/2019 18:55	29.88	76.6	5.59	6.3
SR13	10/13/2019 1:00	29.89	88.8	6.42	5.4	SR13	10/13/2019 7:00	29.78	79.3	5.77	6.2	SR13	10/13/2019 13:00	29.81	78.5	5.72	3.6	SR13	10/13/2019 19:00	29.88	77.7	5.68	5.8
SR13	10/13/2019 1:05	29.92	89.1	6.45	4.9	SR13	10/13/2019 7:05	29.79	80.4	5.85	6.2	SR13	10/13/2019 13:05	29.82	78.3	5.70	4.2	SR13	10/13/2019 19:05	29.89	76.6	5.59	5.7
SR13	10/13/2019 1:10	29.90	88.5	6.41	4.7	SR13	10/13/2019 7:10	29.85	80.5	5.85	5.9	SR13	10/13/2019 13:10	29.81	79.7	5.79	4.0	SR13	10/13/2019 19:10	29.89	76.6	5.60	5.1
SR13	10/13/2019 1:15	29.87	89.5	6.48	8.1	SR13	10/13/2019 7:15	29.84	80.0	5.81	6.3	SR13	10/13/2019 13:15	29.80	75.4	5.50	4.1	SR13	10/13/2019 19:15	29.89	77.8	5.68	5.4
SR13	10/13/2019 1:20	29.88	88.0	6.38	6.1	SR13	10/13/2019 7:20	29.80	80.4	5.85	7.2	SR13	10/13/2019 13:20	29.80	77.3	5.63	3.8	SR13	10/13/2019 19:20	29.90	76.9	5.61	5.1
SR13	10/13/2019 1:25	29.90	87.0	6.31	5.7	SR13	10/13/2019 7:25	29.81	79.3	5.77	6.4	SR13	10/13/2019 13:25	29.77	75.8	5.55	4.6	SR13	10/13/2019 19:25	29.90	77.7	5.67	5.4
SR13	10/13/2019 1:30	29.91	88.0	6.37	5.1	SR13	10/13/2019 7:30	29.81	79.9	5.81	6.6	SR13	10/13/2019 13:30	29.76	78.4	5.74	4.4	SR13	10/13/2019 19:30	29.90	78.1	5.70	5.3
SR13	10/13/2019 1:35	29.90	88.6	6.41	7.7	SR13	10/13/2019 7:35	29.82	77.7	5.66	6.2	SR13	10/13/2019 13:35	29.76	76.5	5.66	4.3	SR13	10/13/2019 19:35	29.91	78.5	5.73	4.6
SR13	10/13/2019 1:40	29.89	89.1	6.45	6.4	SR13	10/13/2019 7:40	29.81	78.7	5.73	5.8	SR13	10/13/2019 13:40	29.77	79.3	5.79	4.9	SR13	10/13/2019 19:40	29.86	79.2	5.80	4.1
SR13	10/13/2019 1:45	29.90	89.4	6.47	6.2	SR13	10/13/2019 7:45	29.80	78.5	5.72	5.5	SR13	10/13/2019 13:45	29.80	77.4	5.65	4.1	SR13	10/13/2019 19:45	29.87	79.2	5.79	4.2
SR13	10/13/2019 1:50	29.89	89.7	6.51	5.7	SR13	10/13/2019 7:50	29.80	78.3	5.71	4.8	SR13	10/13/2019 13:50	29.74	77.1	5.64	3.4	SR13	10/13/2019 19:50	29.87	79.3	5.80	5.1
SR13	10/13/2019 1:55	29.88	89.7	6.50	5.8	SR13	10/13/2019 7:55	29.80	77.9	5.67	5.5	SR13	10/13/2019 13:55	29.66	76.6	5.62	4.1	SR13	10/13/2019 19:55	29.90	79.5	5.82	4.1
SR13	10/13/2019 2:00	29.90	91.1	6.59	6.3	SR13	10/13/2019 8:00	29.81	79.8	5.80	4.8	SR13	10/13/2019 14:00	29.67	78.6	5.76	4.2	SR13	10/13/2019 20:00	29.91	79.8	5.83	4.7
SR13	10/13/2019 2:05	29.90	89.9	6.51	6.8	SR13	10/13/2019 8:05	29.81	78.7	5.73	4.1	SR13	10/13/2019 14:05	29.61	78.9	5.80	4.6	SR13	10/13/2019 20:05	29.89	79.9	5.83	4.5
SR13	10/13/2019 2:10	29.90	92.3	6.68	6.0	SR13	10/13/2019 8:10	29.82	80.3	5.83	4.8	SR13	10/13/2019 14:10	29.63	76.6	5.65	3.9	SR13	10/13/2019 20:10	29.89	79.6	5.83	4.5
SR13	10/13/2019 2:15	29.91	91.2	6.59	6.9	SR13	10/13/2019 8:15	29.82	80.0	5.82	4.5	SR13	10/13/2019 14:15	29.79	76.0	5.55	4.3	SR13	10/13/2019 20:15	29.90	78.7	5.74	4.2
SR13	10/13/2019 2:20	29.89	90.3	6.54	6.5	SR13	10/13/2019 8:20	29.81	82.7	6.02	4.4	SR13	10/13/2019 14:20	29.82	76.8	5.60	4.9	SR13	10/13/2019 20:20	29.91	79.9	5.84	4.5
SR13	10/13/2019 2:25	29.91	91.8	6.64	6.3	SR13	10/13/2019 8:25	29.81	81.1	5.90	5.2	SR13	10/13/2019 14:25	29.83	77.9	5.67	4.4	SR13	10/13/2019 20:25	29.93	79.3	5.81	4.6
SR13	10/13/2019 2:30	29.90	92.0	6.66	**14.5**	SR13	10/13/2019 8:30	29.81	84.2	6.11	4.1	SR13	10/13/2019 14:30	29.82	77.8	5.67	5.5	SR13	10/13/2019 20:30	29.89	79.6	5.82	4.5
SR13	10/13/2019 2:35	29.90	92.8	6.71	7.5	SR13	10/13/2019 8:35	29.81	84.3	6.12	4.4	SR13	10/13/2019 14:35	29.82	78.0	5.68	4.7	SR13	10/13/2019 20:35	29.91	78.7	5.75	5.0
SR13	10/13/2019 2:40	29.90	91.7	6.63	7.1	SR13	10/13/2019 8:40	29.84	84.9	6.17	4.6	SR13	10/13/2019 14:40	29.83	78.9	5.73	5.4	SR13	10/13/2019 20:40	29.93	78.2	5.71	3.9
SR13	10/13/2019 2:45	29.90	91.2	6.59	6.8	SR13	10/13/2019 8:45	29.84	85.7	6.22	4.7	SR13	10/13/2019 14:45	29.82	78.2	5.69	5.5	SR13	10/13/2019 20:45	29.93	78.8	5.77	4.1
SR13	10/13/2019 2:50	29.91	91.2	6.59	7.3	SR13	10/13/2019 8:50	29.82	83.5	6.07	4.7	SR13	10/13/2019 14:50	29.82	80.9	5.89	5.0	SR13	10/13/2019 20:50	29.94	79.1	5.78	3.9
SR13	10/13/2019 2:55	29.91	91.0	6.58	7.1	SR13	10/13/2019 8:55	29.83	82.2	5.97	4.2	SR13	10/13/2019 14:55	29.81	76.8	5.59	4.6	SR13	10/13/2019 20:55	29.94	77.9	5.69	3.9
SR13	10/13/2019 3:00	29.90	90.6	6.55	6.4	SR13	10/13/2019 9:00	29.84	83.2	6.04	4.2	SR13	10/13/2019 15:00	29.83	76.0	5.54	5.2	SR13	10/13/2019 21:00	29.94	78.9	5.75	5.0
SR13	10/13/2019 3:05	29.90	91.5	6.62	6.4	SR13	10/13/2019 9:05	29.83	85.0	6.17	5.2	SR13	10/13/2019 15:05	29.83	77.6	5.65	4.5	SR13	10/13/2019 21:05	29.94	78.9	5.77	4.2
SR13	10/13/2019 3:10	29.91	92.4	6.68	6.5	SR13	10/13/2019 9:10	29.83	82.8	6.01	5.0	SR13	10/13/2019 15:10	29.81	76.3	5.57	4.6	SR13	10/13/2019 21:10	29.93	77.0	5.63	3.7
SR13	10/13/2019 3:15	29.91	94.5	6.83	6.9	SR13	10/13/2019 9:15	29.81	85.6	6.21	4.1	SR13	10/13/2019 15:15	29.83	78.4	5.72	5.2	SR13	10/13/2019 21:15	29.93	79.0	5.77	4.3
SR13	10/13/2019 3:20	29.93	96.6	6.97	6.3	SR13	10/13/2019 9:20	29.82	85.7	6.22	4.0	SR13	10/13/2019 15:20	29.81	79.0	5.76	4.6	SR13	10/13/2019 21:20	29.92	80.2	5.86	3.6
SR13	10/13/2019 3:25	29.93	94.7	6.85	6.5	SR13	10/13/2019 9:25	29.82	86.0	6.23	4.1	SR13	10/13/2019 15:25	29.83	78.9	5.74	4.7	SR13	10/13/2019 21:25	29.93	78.2	5.72	5.0
SR13	10/13/2019 3:30	29.93	95.3	6.87	6.4	SR13	10/13/2019 9:30	29.89	86.0	6.23	4.3	SR13	10/13/2019 15:30	29.82	79.2	5.76	4.7	SR13	10/13/2019 21:30	29.93	78.9	5.76	5.2
SR13	10/13/2019 3:35	29.92	96.3	6.94	8.5	SR13	10/13/2019 9:35	29.90	85.0	6.16	4.2	SR13	10/13/2019 15:35	29.82	79.4	5.78	5.3	SR13	10/13/2019 21:35	29.95	78.5	5.73	3.8
SR13	10/13/2019 3:40	29.93	93.4	6.75	5.9	SR13	10/13/2019 9:40	29.86	85.7	6.22	3.7	SR13	10/13/2019 15:40	29.80	79.8	5.81	5.1	SR13	10/13/2019 21:40	29.95	78.8	5.76	4.3
SR13	10/13/2019 3:45	29.95	92.0	6.65	6.2	SR13	10/13/2019 9:45	29.87	83.9	6.10	3.7	SR13	10/13/2019 15:45	29.77	80.4	5.87	4.3	SR13	10/13/2019 21:45	29.94	79.9	5.83	5.1
SR13	10/13/2019 3:50	29.93	91.2	6.59	7.8	SR13	10/13/2019 9:50	29.85	83.4	6.05	4.4	SR13	10/13/2019 15:50	29.74	81.3	5.92	4.9	SR13	10/13/2019 21:50	29.95	78.9	5.76	4.0
SR13	10/13/2019 3:55	29.93	91.2	6.59	6.4	SR13	10/13/2019 9:55	29.87	81.1	5.89	3.9	SR13	10/13/2019 15:55	29.76	81.4	5.94	4.4	SR13	10/13/2019 21:55	29.96	79.2	5.80	4.4
SR13	10/13/2019 4:00	29.92	92.8	6.71	7.2	SR13	10/13/2019 10:00	29.87	83.5	6.06	4.1	SR13	10/13/2019 16:00	29.79	80.2	5.84	5.6	SR13	10/13/2019 22:00	29.98	78.9	5.77	3.9
SR13	10/13/2019 4:05	29.91	92.5	6.69	8.1	SR13	10/13/2019 10:05	29.87	82.7	6.02	3.6	SR13	10/13/2019 16:05	29.80	78.8	5.74	5.4	SR13	10/13/2019 22:05	29.98	79.3	5.81	4.5
SR13	10/13/2019 4:10	29.91	91.4	6.62	6.8	SR13	10/13/2019 10:10	29.87	82.5	6.00	3.8	SR13	10/13/2019 16:10	29.74	80.3	5.87	4.2	SR13	10/13/2019 22:10	29.95	79.7	5.83	4.1
SR13	10/13/2019 4:15	29.92	92.8	6.71	7.7	SR13	10/13/2019 10:15	29.86	81.5	5.93	3.1	SR13	10/13/2019 16:15	29.64	81.4	5.96	5.0	SR13	10/13/2019 22:15	29.99	80.1	5.86	4.1
SR13	10/13/2019 4:20	29.90	92.1	6.66	8.8	SR13	10/13/2019 10:20	29.86	80.1	5.82	4.8	SR13	10/13/2019 16:20	29.64	81.9	6.01	4.8	SR13	10/13/2019 22:20	29.99	80.9	5.92	4.7
SR13	10/13/2019 4:25	29.89	88.6	6.42	8.3	SR13	10/13/2019 10:25	29.85	78.8	5.74	3.2	SR13	10/13/2019 16:25	29.55	81.2	5.98	5.2	SR13	10/13/2019 22:25	29.98	79.6	5.83	4.4
SR13	10/13/2019 4:30	29.91	89.3	6.47	6.3	SR13	10/13/2019 10:30	29.85	82.3	5.97	3.7	SR13	10/13/2019 16:30	29.59	78.7	5.80	4.8	SR13	10/13/2019 22:30	29.98	81.2	5.94	4.7
SR13	10/13/2019 4:35	29.90	89.2	6.46	7.0	SR13	10/13/2019 10:35	29.86	81.6	5.94	4.2	SR13	10/13/2019 16:35	29.80	79.0	5.76	5.1	SR13	10/13/2019 22:35	30.01	79.7	5.82	4.6
SR13	10/13/2019 4:40	29.85	85.9	6.24	7.1	SR13	10/13/2019 10:40	29.86	80.4	5.84	3.6	SR13	10/13/2019 16:40	29.84	78.4	5.71	5.9	SR13	10/13/2019 22:40	29.97	79.9	5.84	4.8
SR13	10/13/2019 4:45	29.85	86.0	6.24	7.7	SR13	10/13/2019 10:45	29.86	79.5	5.79	3.9	SR13	10/13/2019 16:45	29.84	79.6	5.80	5.7	SR13	10/13/2019 22:45	29.96	78.0	5.70	4.8
SR13	10/13/2019 4:50	29.85	86.9	6.29	7.1	SR13	10/13/2019 10:50	29.84	81.8	5.93	4.1	SR13	10/13/2019 16:50	29.85	78.5	5.72	5.9	SR13	10/13/2019 22:50	29.98	79.7	5.83	4.9
SR13	10/13/2019 4:55	29.84	85.5	6.21	7.0	SR13	10/13/2019 10:55	29.84	80.5	5.86	3.5	SR13	10/13/2019 16:55	29.87	78.7	5.73	5.9	SR13	10/13/2019 22:55	29.97	79.5	5.82	5.7
SR13	10/13/2019 5:00	29.83	83.7	6.08	8.7	SR13	10/13/2019 11:00	29.85	81.2	5.91	4.1	SR13	10/13/2019 17:00	29.86	79.4	5.78	6.6	SR13	10/13/2019 23:00	30.01	78.3	5.73	4.3
SR13	10/13/2019 5:05	29.83	83.3	6.05	8.1	SR13	10/13/2019 11:05	29.85	80.5	5.86	4.1	SR13	10/13/2019 17:05	29.86	77.7	5.66	5.5	SR13	10/13/2019 23:05	30.00	77.6	5.68	4.6
SR13	10/13/2019 5:10	29.83	82.2	5.98	7.4	SR13	10/13/2019 11:10	29.85	81.1	5.90	4.1	SR13	10/13/2019 17:10	29.87	78.0	5.68	5.6	SR13	10/13/2019 23:10	29.99	80.0	5.85	5.2
SR13	10/13/2019 5:15	29.82	80.9	5.88	8.2	SR13	10/13/2019 11:15	29.86	79.8	5.81	3.7	SR13	10/13/2019 17:15	29.86	77.8	5.67	5.4	SR13	10/13/2019 23:15	30.00	80.6	5.89	4.7
SR13	10/13/2019 5:20	29.81	81.3	5.91	6.9	SR13	10/13/2019 11:20	29.84	81.4	5.91	4.1	SR13	10/13/2019 17:20	29.83	77.8	5.67	6.1	SR13	10/13/2019 23:20	30.02	80.4	5.87	5.0
SR13	10/13/2019 5:25	29.82	81.8	5.95	7.2	SR13	10/13/2019 11:25	29.86	80.5	5.86	5.6	SR13	10/13/2019 17:25	29.84	78.7	5.74	5.7	SR13	10/13/2019 23:25	30.01	77.6	5.68	4.8
SR13	10/13/2019 5:30	29.81	80.4	5.84	6.4	SR13	10/13/2019 11:30	29.86	80.3	5.85	3.8	SR13	10/13/2019 17:30	29.86	77.6	5.65	5.5	SR13	10/13/2019 23:30	30.03	76.0	5.56	4.3
SR13	10/13/2019 5:35	29.82	79.9	5.80	8.2	SR13	10/13/2019 11:35	29.84	80.2	5.84	4.1	SR13	10/13/2019 17:35	29.84	77.9	5.67	5.9	SR13	10/13/2019 23:35	30.03	77.4	5.66	4.1
SR13	10/13/2019 5:40	29.80	81.5	5.92	7.4	SR13	10/13/2019 11:40	29.85	81.4	5.92	3.6	SR13	10/13/2019 17:40	29.84	78.1	5.69	5.2	SR13	10/13/2019 23:40	30.00	78.6	5.74	5.0
SR13	10/13/2019 5:45	29.83	80.7	5.87	7.3	SR13	10/13/2019 11:45	29.84	81.4	5.92	4.1	SR13	10/13/2019 17:45	29.84	79.5	5.80	5.5	SR13	10/13/2019 23:45	30.00	79.0	5.77	5.8
SR13	10/13/2019 5:50	29.81	82.1	5.97	7.4	SR13	10/13/2019 11:50	29.84	79.0	5.74	4.5	SR13	10/13/2019 17:50	29.86	76.7	5.69	5.3	SR13	10/13/2019 23:50	29.98	77.6	5.66	6.1
SR13	10/13/2019 5:55	29.82	82.9	6.03	8.0	SR13	10/13/2019 11:55	29.84	79.3	5.77	3.8	SR13	10/13/2019 17:55	29.85	79.4	5.79	5.8	SR13	10/13/2019 23:55	30.02	78.5	5.74	4.8

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	10/13/2019 0:17	0.31				SR12	10/13/2019 0:17	0.37			
SR4	10/13/2019 0:37	0.31				SR12	10/13/2019 0:37	0.37			
SR4	10/13/2019 0:57	0.31				SR12	10/13/2019 0:57	0.38			
SR4	10/13/2019 1:17	0.31				SR12	10/13/2019 1:17	0.38			
SR4	10/13/2019 1:37	0.30				SR12	10/13/2019 1:37	0.39			
SR4	10/13/2019 1:57	0.29				SR12	10/13/2019 1:57	0.37			
SR4	10/13/2019 2:17	0.26				SR12	10/13/2019 2:17	0.36			
SR4	10/13/2019 2:37	0.27				SR12	10/13/2019 2:37	0.38			
SR4	10/13/2019 2:57	0.28				SR12	10/13/2019 2:57	0.36			
SR4	10/13/2019 3:17	0.28				SR12	10/13/2019 3:17	0.37			
SR4	10/13/2019 3:37	0.28				SR12	10/13/2019 3:37	0.36			
SR4	10/13/2019 3:57	0.26				SR12	10/13/2019 3:57	0.35			
SR4	10/13/2019 4:17	0.26				SR12	10/13/2019 4:17	0.36			
SR4	10/13/2019 4:37	0.24				SR12	10/13/2019 4:37	0.35			
SR4	10/13/2019 4:57	0.24				SR12	10/13/2019 4:57	0.35			
SR4	10/13/2019 5:17	0.23				SR12	10/13/2019 5:17	0.36			
SR4	10/13/2019 5:37	0.25				SR12	10/13/2019 5:37	0.37			
SR4	10/13/2019 5:57	0.23				SR12	10/13/2019 5:57	0.38			
SR4						SR12					
SR4	10/13/2019 6:37	0.23				SR12	10/13/2019 6:37	0.35			
SR4	10/13/2019 6:57	0.23				SR12	10/13/2019 6:57	0.38			
SR4	10/13/2019 7:17	0.21				SR12	10/13/2019 7:17	0.37			
SR4	10/13/2019 7:37	0.23				SR12	10/13/2019 7:37	0.36			
SR4	10/13/2019 7:57	0.22				SR12	10/13/2019 7:57	0.35			
SR4	10/13/2019 8:17	0.22				SR12	10/13/2019 8:17	0.36			
SR4	10/13/2019 8:37	0.21				SR12	10/13/2019 8:37	0.36			
SR4	10/13/2019 8:57	0.21				SR12	10/13/2019 8:57	0.36			
SR4	10/13/2019 9:17	0.22				SR12	10/13/2019 9:17	0.37			
SR4	10/13/2019 9:37	0.23				SR12	10/13/2019 9:37	0.37			
SR4	10/13/2019 9:57	0.25				SR12	10/13/2019 9:57	0.35			
SR4	10/13/2019 10:17	0.26				SR12	10/13/2019 10:17	0.33			
SR4	10/13/2019 10:37	0.25				SR12	10/13/2019 10:37	0.34			
SR4	10/13/2019 10:57	0.28				SR12	10/13/2019 10:57	0.34			
SR4	10/13/2019 11:17	0.25				SR12	10/13/2019 11:17	0.36			
SR4	10/13/2019 11:37	0.25				SR12	10/13/2019 11:37	0.35			
SR4	10/13/2019 11:57	0.28				SR12	10/13/2019 11:57	0.34			
SR4	10/13/2019 12:17	0.25				SR12	10/13/2019 12:17	0.34			
SR4	10/13/2019 12:37	0.26				SR12	10/13/2019 12:37	0.33			
SR4	10/13/2019 12:57	0.25				SR12	10/13/2019 12:57	0.34			
SR4	10/13/2019 13:17	0.27				SR12	10/13/2019 13:17	0.35			
SR4	10/13/2019 13:37	0.27				SR12	10/13/2019 13:37	0.36			
SR4	10/13/2019 13:57	0.25				SR12	10/13/2019 13:57	0.33			
SR4	10/13/2019 14:17	0.27				SR12	10/13/2019 14:17	0.33			
SR4	10/13/2019 14:37	0.26				SR12	10/13/2019 14:37	0.34			
SR4	10/13/2019 14:57	0.25				SR12	10/13/2019 14:57	0.33			
SR4	10/13/2019 15:17	0.27				SR12	10/13/2019 15:17	0.35			
SR4	10/13/2019 15:37	0.27				SR12	10/13/2019 15:37	0.36			
SR4	10/13/2019 15:57	0.25				SR12	10/13/2019 15:57	0.34			
SR4	10/13/2019 16:17	0.28				SR12	10/13/2019 16:17	0.34			
SR4	10/13/2019 16:37	0.26				SR12	10/13/2019 16:37	0.35			
SR4	10/13/2019 16:57	0.24				SR12	10/13/2019 16:57	0.34			
SR4	10/13/2019 17:17	0.27				SR12	10/13/2019 17:17	0.33			
SR4	10/13/2019 17:37	0.25				SR12	10/13/2019 17:37	0.32			
SR4	10/13/2019 17:57	0.26				SR12	10/13/2019 17:57	0.33			
SR4	10/13/2019 18:17	0.24				SR12	10/13/2019 18:17	0.33			
SR4	10/13/2019 18:37	0.26				SR12	10/13/2019 18:37	0.33			
SR4	10/13/2019 18:57	0.27				SR12	10/13/2019 18:57	0.35			
SR4	10/13/2019 19:17	0.24				SR12	10/13/2019 19:17	0.34			
SR4	10/13/2019 19:37	0.22				SR12	10/13/2019 19:37	0.35			
SR4	10/13/2019 19:57	0.23				SR12	10/13/2019 19:57	0.34			
SR4	10/13/2019 20:17	0.21				SR12	10/13/2019 20:17	0.35			
SR4	10/13/2019 20:37	0.23				SR12	10/13/2019 20:37	0.33			
SR4	10/13/2019 20:57	0.23				SR12	10/13/2019 20:57	0.35			
SR4	10/13/2019 21:17	0.23				SR12	10/13/2019 21:17	0.34			
SR4	10/13/2019 21:37	0.21				SR12	10/13/2019 21:37	0.35			
SR4	10/13/2019 21:57	0.21				SR12	10/13/2019 21:57	0.34			
SR4	10/13/2019 22:17	0.21				SR12	10/13/2019 22:17	0.32			
SR4	10/13/2019 22:37	0.22				SR12	10/13/2019 22:37	0.31			
SR4	10/13/2019 22:57	0.22				SR12	10/13/2019 22:57	0.30			
SR4	10/13/2019 23:17	0.21				SR12	10/13/2019 23:17	0.30			
SR4	10/13/2019 23:37	0.22				SR12	10/13/2019 23:37	0.33			
SR4	10/13/2019 23:57	0.21				SR12	10/13/2019 23:57	0.33			

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	10/14/2019 0:01	28.98	93.2	6.44	2.5	SR4	10/14/2019 6:01	29.01	91.3	6.31	3.9	SR4	10/14/2019 12:01	29.16	89.8	6.20	2.4	SR4	10/14/2019 18:01	29.12	89.8	6.20	4.0
SR4	10/14/2019 0:06	29.00	92.6	6.41	2.3	SR4	10/14/2019 6:06	29.01	92.0	6.36	3.6	SR4	10/14/2019 12:06	29.20	90.9	6.29	2.4	SR4	10/14/2019 18:06	29.11	89.0	6.16	3.8
SR4	10/14/2019 0:11	28.99	88.2	6.11	1.6	SR4	10/14/2019 6:11	29.05	92.3	6.37	5.5	SR4	10/14/2019 12:11	29.20	89.9	6.22	2.1	SR4	10/14/2019 18:11	29.11	91.1	6.29	4.7
SR4	10/14/2019 0:16	28.99	88.3	6.12	3.1	SR4	10/14/2019 6:16	29.05	92.8	6.41	4.8	SR4	10/14/2019 12:16	29.17	89.4	6.18	3.7	SR4	10/14/2019 18:16	29.11	92.8	6.42	4.1
SR4	10/14/2019 0:21	28.99	88.6	6.12	2.2	SR4	10/14/2019 6:21	29.04	94.8	6.54	6.0	SR4	10/14/2019 12:21	29.22	90.3	6.25	2.0	SR4	10/14/2019 18:21	29.11	94.0	6.49	4.2
SR4	10/14/2019 0:26	29.01	91.4	6.32	2.1	SR4	10/14/2019 6:26	29.03	91.3	6.31	3.5	SR4	10/14/2019 12:26	29.25	89.6	6.19	2.1	SR4	10/14/2019 18:26	29.10	93.2	6.42	4.6
SR4	10/14/2019 0:31	29.01	89.0	6.16	2.6	SR4	10/14/2019 6:31	29.03	90.4	6.24	4.2	SR4	10/14/2019 12:31	29.30	89.2	6.17	2.2	SR4	10/14/2019 18:31	29.09	91.7	6.32	3.9
SR4	10/14/2019 0:36	29.01	95.3	6.60	2.3	SR4	10/14/2019 6:36	29.02	90.7	6.26	6.8	SR4	10/14/2019 12:36	29.28	89.5	6.18	2.6	SR4	10/14/2019 18:36	29.08	91.2	6.29	4.2
SR4	10/14/2019 0:41	28.99	95.9	6.64	3.4	SR4	10/14/2019 6:41	29.01	89.7	6.20	3.7	SR4	10/14/2019 12:41	29.32	92.1	6.36	3.4	SR4	10/14/2019 18:41	29.08	90.4	6.24	4.6
SR4	10/14/2019 0:46	28.97	95.0	6.60	2.1	SR4	10/14/2019 6:46	29.01	88.4	6.11	2.7	SR4	10/14/2019 12:46	29.27	91.1	6.29	2.5	SR4	10/14/2019 18:46	29.08	88.0	6.07	3.2
SR4	10/14/2019 0:51	28.99	90.7	6.30	1.8	SR4	10/14/2019 6:51	29.01	91.3	6.31	4.4	SR4	10/14/2019 12:51	29.25	89.6	6.19	2.3	SR4	10/14/2019 18:51	29.09	88.8	6.12	3.2
SR4	10/14/2019 0:56	29.01	91.7	6.36	1.8	SR4	10/14/2019 6:56	29.01	90.7	6.28	4.3	SR4	10/14/2019 12:56	29.23	90.6	6.26	3.0	SR4	10/14/2019 18:56	29.07	88.7	6.12	3.7
SR4	10/14/2019 1:01	29.00	92.5	6.40	1.9	SR4	10/14/2019 7:01	29.02	90.5	6.26	5.2	SR4	10/14/2019 13:01	29.27	90.3	6.24	2.0	SR4	10/14/2019 19:01	29.05	86.9	6.00	4.5
SR4	10/14/2019 1:06	29.02	88.6	6.12	1.8	SR4	10/14/2019 7:06	29.01	88.6	6.12	4.0	SR4	10/14/2019 13:06	29.25	91.7	6.34	2.7	SR4	10/14/2019 19:06	29.06	89.2	6.17	5.3
SR4	10/14/2019 1:11	29.04	85.9	5.94	1.3	SR4	10/14/2019 7:11	29.01	87.5	6.05	3.2	SR4	10/14/2019 13:11	29.23	90.0	6.23	2.3	SR4	10/14/2019 19:11	29.05	87.5	6.05	4.8
SR4	10/14/2019 1:16	29.05	87.4	6.05	1.8	SR4	10/14/2019 7:16	29.02	88.7	6.13	5.1	SR4	10/14/2019 13:16	29.37	92.2	6.37	2.4	SR4	10/14/2019 19:16	29.03	89.1	6.16	4.3
SR4	10/14/2019 1:21	29.02	89.1	6.14	2.2	SR4	10/14/2019 7:21	29.02	88.4	6.11	5.7	SR4	10/14/2019 13:21	29.30	89.6	6.19	2.6	SR4	10/14/2019 19:21	29.04	88.9	6.14	5.6
SR4	10/14/2019 1:26	29.02	86.9	6.00	1.4	SR4	10/14/2019 7:26	29.01	89.1	6.16	5.4	SR4	10/14/2019 13:26	29.36	87.3	6.04	1.4	SR4	10/14/2019 19:26	29.04	88.8	6.10	4.2
SR4	10/14/2019 1:31	29.03	85.1	5.87	1.4	SR4	10/14/2019 7:31	29.01	86.6	5.99	3.6	SR4	10/14/2019 13:31	29.32	85.2	5.88	3.1	SR4	10/14/2019 19:31	29.04	87.5	6.02	4.1
SR4	10/14/2019 1:36	29.03	78.2	5.40	1.6	SR4	10/14/2019 7:36	29.01	86.6	5.99	4.0	SR4	10/14/2019 13:36	29.26	87.3	6.04	2.4	SR4	10/14/2019 19:36	29.04	87.1	5.99	6.0
SR4	10/14/2019 1:41	29.04	81.5	5.62	1.3	SR4	10/14/2019 7:41	29.04	87.4	6.04	6.5	SR4	10/14/2019 13:41	29.22	83.5	5.77	3.2	SR4	10/14/2019 19:41	29.03	88.0	6.05	4.4
SR4	10/14/2019 1:46	28.98	80.8	5.58	2.6	SR4	10/14/2019 7:46	29.04	86.3	5.95	6.5	SR4	10/14/2019 13:46	29.19	84.3	5.83	2.7	SR4	10/14/2019 19:46	29.04	86.9	5.98	4.6
SR4	10/14/2019 1:51	29.05	85.4	5.89	2.2	SR4	10/14/2019 7:51	29.02	89.5	6.18	7.0	SR4	10/14/2019 13:51	29.10	83.8	5.81	5.0	SR4	10/14/2019 19:51	29.03	87.5	6.02	4.8
SR4	10/14/2019 1:56	29.05	83.6	5.77	2.9	SR4	10/14/2019 7:56	29.03	88.1	6.08	5.0	SR4	10/14/2019 13:56	29.09	84.9	5.88	5.9	SR4	10/14/2019 19:56	29.04	85.7	5.89	5.7
SR4	10/14/2019 2:01	29.07	84.5	5.83	2.2	SR4	10/14/2019 8:01	29.03	87.5	6.05	4.6	SR4	10/14/2019 14:01	29.08	86.7	6.00	5.8	SR4	10/14/2019 20:01	29.03	85.6	5.90	5.0
SR4	10/14/2019 2:06	29.05	84.5	5.83	1.8	SR4	10/14/2019 8:06	29.04	84.6	5.84	5.3	SR4	10/14/2019 14:06	29.08	86.5	5.98	7.1	SR4	10/14/2019 20:06	29.04	86.4	5.96	4.9
SR4	10/14/2019 2:11	29.08	83.8	5.80	2.1	SR4	10/14/2019 8:11	29.05	81.9	5.65	7.9	SR4	10/14/2019 14:11	29.09	86.0	5.95	7.3	SR4	10/14/2019 20:11	29.04	84.0	5.80	5.5
SR4	10/14/2019 2:16	29.09	80.3	5.54	2.2	SR4	10/14/2019 8:16	29.05	84.1	5.80	8.9	SR4	10/14/2019 14:16	29.09	86.5	5.98	6.2	SR4	10/14/2019 20:16	29.04	84.6	5.86	5.7
SR4	10/14/2019 2:21	29.09	83.0	5.72	3.0	SR4	10/14/2019 8:21	29.05	85.3	5.89	7.4	SR4	10/14/2019 14:21	29.09	86.4	5.96	6.8	SR4	10/14/2019 20:21	29.04	82.9	5.74	4.5
SR4	10/14/2019 2:26	29.09	82.6	5.70	3.0	SR4	10/14/2019 8:26	29.05	86.9	5.99	7.0	SR4	10/14/2019 14:26	29.09	85.3	5.89	9.5	SR4	10/14/2019 20:26	29.04	84.5	5.83	9.2
SR4	10/14/2019 2:31	29.11	86.3	5.95	5.6	SR4	10/14/2019 8:31	29.04	85.6	5.90	4.7	SR4	10/14/2019 14:31	29.09	85.9	5.94	6.0	SR4	10/14/2019 20:31	29.04	81.8	5.65	5.2
SR4	10/14/2019 2:36	29.12	86.3	5.95	3.7	SR4	10/14/2019 8:36	29.05	86.5	5.96	6.0	SR4	10/14/2019 14:36	29.11	78.9	5.46	3.1	SR4	10/14/2019 20:36	29.04	82.8	5.71	6.1
SR4	10/14/2019 2:41	29.07	86.7	5.99	2.8	SR4	10/14/2019 8:41	29.05	84.4	5.82	4.5	SR4	10/14/2019 14:41	29.10	81.4	5.63	3.0	SR4	10/14/2019 20:41	29.04	84.2	5.82	6.7
SR4	10/14/2019 2:46	29.10	84.5	5.83	2.5	SR4	10/14/2019 8:46	29.06	85.6	5.89	5.3	SR4	10/14/2019 14:46	29.12	82.5	5.70	3.4	SR4	10/14/2019 20:46	29.04	81.3	5.62	5.1
SR4	10/14/2019 2:51	29.12	85.8	5.92	4.2	SR4	10/14/2019 8:51	29.04	85.0	5.86	4.4	SR4	10/14/2019 14:51	29.11	80.3	5.56	2.7	SR4	10/14/2019 20:51	29.04	81.0	5.57	5.5
SR4	10/14/2019 2:56	29.07	81.9	5.66	1.9	SR4	10/14/2019 8:56	29.04	85.8	5.92	4.1	SR4	10/14/2019 14:56	29.11	82.0	5.68	2.8	SR4	10/14/2019 20:56	29.03	81.8	5.62	5.7
SR4	10/14/2019 3:01	29.10	83.6	5.77	2.9	SR4	10/14/2019 9:01	29.04	85.8	5.92	4.4	SR4	10/14/2019 15:01	29.11	83.6	5.78	3.3	SR4	10/14/2019 21:01	29.03	81.4	5.59	5.2
SR4	10/14/2019 3:06	29.09	85.4	5.90	3.1	SR4	10/14/2019 9:06	29.05	84.6	5.84	4.5	SR4	10/14/2019 15:06	29.11	88.0	6.08	4.7	SR4	10/14/2019 21:06	29.03	81.9	5.63	5.6
SR4	10/14/2019 3:11	29.06	85.0	5.90	5.4	SR4	10/14/2019 9:11	29.05	85.0	5.86	4.7	SR4	10/14/2019 15:11	29.11	84.2	5.83	3.2	SR4	10/14/2019 21:11	29.03	81.3	5.58	5.3
SR4	10/14/2019 3:16	29.05	83.5	5.78	2.7	SR4	10/14/2019 9:16	29.05	85.4	5.89	5.7	SR4	10/14/2019 15:16	29.09	86.9	6.00	5.1	SR4	10/14/2019 21:16	29.03	79.8	5.47	4.8
SR4	10/14/2019 3:21	29.04	79.4	5.50	2.8	SR4	10/14/2019 9:21	29.05	86.0	5.94	6.0	SR4	10/14/2019 15:21	29.10	84.4	5.84	2.8	SR4	10/14/2019 21:21	29.02	77.5	5.33	3.3
SR4	10/14/2019 3:26	28.98	79.2	5.50	1.8	SR4	10/14/2019 9:26	29.05	85.2	5.88	5.6	SR4	10/14/2019 15:26	29.08	84.5	5.84	6.6	SR4	10/14/2019 21:26	29.03	81.4	5.59	4.5
SR4	10/14/2019 3:31	28.88	87.1	6.05	2.2	SR4	10/14/2019 9:31	29.05	84.8	5.84	5.1	SR4	10/14/2019 15:31	29.09	86.5	5.99	4.3	SR4	10/14/2019 21:31	29.03	82.5	5.66	5.9
SR4	10/14/2019 3:36	28.62	91.0	6.37	2.2	SR4	10/14/2019 9:36	29.04	85.7	5.92	4.7	SR4	10/14/2019 15:36	29.08	81.3	5.63	3.2	SR4	10/14/2019 21:36	29.03	79.1	5.45	4.6
SR4	10/14/2019 3:41	28.68	86.7	6.06	1.9	SR4	10/14/2019 9:41	29.05	85.3	5.88	5.2	SR4	10/14/2019 15:41	29.07	77.4	5.35	3.2	SR4	10/14/2019 21:41	29.03	80.4	5.54	5.9
SR4	10/14/2019 3:46	28.73	85.4	5.96	2.4	SR4	10/14/2019 9:46	29.05	85.1	5.87	5.1	SR4	10/14/2019 15:46	29.12	86.4	5.98	3.5	SR4	10/14/2019 21:46	29.03	79.7	5.50	6.6
SR4	10/14/2019 3:51	28.69	85.3	5.96	1.7	SR4	10/14/2019 9:51	29.03	83.8	5.78	4.9	SR4	10/14/2019 15:51	29.11	82.2	5.69	3.2	SR4	10/14/2019 21:51	29.02	80.7	5.56	4.2
SR4	10/14/2019 3:56	28.72	84.3	5.89	1.8	SR4	10/14/2019 9:56	29.04	83.1	5.74	3.4	SR4	10/14/2019 15:56	29.08	80.2	5.54	3.0	SR4	10/14/2019 21:56	29.03	78.8	5.44	6.2
SR4	10/14/2019 4:01	28.34	85.0	6.02	1.7	SR4	10/14/2019 10:01	29.05	83.5	5.75	5.3	SR4	10/14/2019 16:01	29.07	74.5	5.16	2.0	SR4	10/14/2019 22:01	29.02	81.9	5.64	4.9
SR4	10/14/2019 4:06	28.80	81.8	5.72	1.9	SR4	10/14/2019 10:06	29.05	82.0	5.63	6.3	SR4	10/14/2019 16:06	29.09	78.1	5.40	2.7	SR4	10/14/2019 22:06	29.02	82.5	5.69	4.3
SR4	10/14/2019 4:11	28.37	87.1	6.19	1.2	SR4	10/14/2019 10:11	29.06	81.3	5.58	4.8	SR4	10/14/2019 16:11	29.11	78.1	5.40	3.0	SR4	10/14/2019 22:11	29.02	80.0	5.52	3.6
SR4	10/14/2019 4:16	28.09	92.9	6.64	7.8	SR4	10/14/2019 10:16	29.00	82.0	5.64	3.6	SR4	10/14/2019 16:16	29.09	82.0	5.68	3.7	SR4	10/14/2019 22:16	29.01	79.0	5.45	3.2
SR4	10/14/2019 4:21	28.72	88.3	6.17	3.9	SR4	10/14/2019 10:21	29.00	82.6	5.69	4.6	SR4	10/14/2019 16:21	29.09	76.4	5.28	2.6	SR4	10/14/2019 22:21	28.98	77.4	5.33	2.3
SR4	10/14/2019 4:26	28.00	96.4	6.91	2.5	SR4	10/14/2019 10:26	29.01	85.0	5.86	4.7	SR4	10/14/2019 16:26	29.09	81.7	5.64	5.1	SR4	10/14/2019 22:26	28.95	78.7	5.40	4.1
SR4	10/14/2019 4:31	27.73	96.4	6.98	2.0	SR4						SR4	10/14/2019 16:31	29.09	84.5	5.83	5.9	SR4	10/14/2019 22:31	28.93	77.6	5.34	2.3
SR4	10/14/2019 4:36	28.24	85.1	6.05	**11.6**	SR4						SR4	10/14/2019 16:36	29.10	86.5	5.98	5.1	SR4	10/14/2019 22:36	28.94	79.0	5.44	2.4
SR4	10/14/2019 4:41	28.08	90.9	6.50	2.5	SR4						SR4	10/14/2019 16:41	29.08	83.6	5.78	4.2	SR4	10/14/2019 22:41	28.94	76.5	5.26	2.3
SR4	10/14/2019 4:46	28.31	81.7	5.81	2.2	SR4						SR4	10/14/2019 16:46	29.09	83.6	5.77	5.8	SR4	10/14/2019 22:46	28.94	79.6	5.47	3.1
SR4	10/14/2019 4:51	28.40	80.8	5.72	1.9	SR4						SR4	10/14/2019 16:51	29.10	84.1	5.81	5.5	SR4	10/14/2019 22:51	28.94	78.3	5.39	2.5
SR4	10/14/2019 4:56	28.49	74.8	5.28	2.2	SR4						SR4	10/14/2019 16:56	29.10	81.5	5.63	5.0	SR4	10/14/2019 22:56	28.91	74.5	5.14	2.0
SR4	10/14/2019 5:01	28.53	73.5	5.18	3.2	SR4						SR4	10/14/2019 17:01	29.10	83.5	5.76	5.9	SR4	10/14/2019 23:01	28.94	75.8	5.21	2.6
SR4	10/14/2019 5:06	28.69	77.7	5.44	2.1	SR4						SR4	10/14/2019 17:06	29.08	86.4	5.96	4.1	SR4	10/14/2019 23:06	28.97	79.0	5.46	2.8
SR4	10/14/2019 5:11	28.86	84.1	5.83	2.4	SR4						SR4	10/14/2019 17:11	29.09	86.1	5.94	3.9	SR4	10/14/2019 23:11	28.98	79.8	5.51	2.7
SR4	10/14/2019 5:16	28.93	87.4	6.05	2.9	SR4						SR4	10/14/2019 17:16	28.98	86.5	5.99	4.4	SR4	10/14/2019 23:16	28.98	80.7	5.58	3.5
SR4	10/14/2019 5:21	28.92	87.6	6.06	2.8	SR4						SR4	10/14/2019 17:21	29.05	85.8	5.94	3.3	SR4	10/14/2019 23:21	28.98	85.3	5.89	3.9
SR4	10/14/2019 5:26	28.93	90.2	6.23	3.2	SR4						SR4	10/14/2019 17:26	29.05	86.1	5.96	3.6	SR4	10/14/2019 23:26	28.98	83.1	5.74	3.7
SR4	10/14/2019 5:31	28.94	90.7	6.26	2.3	SR4						SR4	10/14/2019 17:31	29.07	86.6	6.00	4.6	SR4	10/14/2019 23:31	28.97	83.1	5.75	3.0
SR4	10/14/2019 5:36	28.97	89.0	6.14	2.4	SR4						SR4	10/14/2019 17:36	28.94	83.1	5.78	3.5	SR4	10/14/2019 23:36	28.98	82.2	5.68	3.2
SR4	10/14/2019 5:41	28.98	94.0	6.49	3.2	SR4						SR4	10/14/2019 17:41	29.13	81.8	5.65	3.5	SR4	10/14/2019 23:41	28.98	83.6	5.76	3.0
SR4	10/14/2019 5:46	29.00	91.7	6.34	3.0	SR4	10/14/2019 11:46	29.21	88.7	6.12	2.1	SR4	10/14/2019 17:46	29.13	81.7	5.64	3.2	SR4	10/14/2019 23:46	28.98	81.8	5.63	2.8
SR4	10/14/2019 5:51	28.99	91.7	6.34	3.5	SR4	10/14/2019 11:51	29.18	89.4	6.17	2.2	SR4	10/14/2019 17:51	29.12	83.3	5.75	4.2	SR4	10/14/2019 23:51	28.99	78.5	5.41	**12.3**
SR4	10/14/2019 5:56	29.01	89.7	6.20	4.3	SR4	10/14/2019 11:56	29.26	90.4	6.25	2.5	SR4	10/14/2019 17:56	29.12	88.7	6.12	4.3	SR4	10/14/2019 23:56	28.99	81.1	5.58	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)
SR5	10/14/2019 0:00	29.15	89.1	5.72	4.6	SR5	10/14/2019 6:00	29.22	94.9	6.16	4.1	SR5	10/14/2019 12:00	29.18	86.1	5.53	4.2	SR5	10/14/2019 18:00	29.29	94.0	6.10	4.1
SR5	10/14/2019 0:05	29.16	88.3	5.66	3.7	SR5	10/14/2019 6:05	29.25	94.1	6.10	5.3	SR5	10/14/2019 12:05	29.16	85.9	5.51	4.4	SR5	10/14/2019 18:05	29.29	93.0	6.03	4.2
SR5	10/14/2019 0:10	29.15	88.2	5.66	4.5	SR5	10/14/2019 6:10	29.25	94.5	6.12	5.2	SR5	10/14/2019 12:10	29.16	85.5	5.49	5.2	SR5	10/14/2019 18:10	29.29	93.0	6.03	4.8
SR5	10/14/2019 0:15	29.16	87.8	5.63	4.2	SR5	10/14/2019 6:15	29.24	95.1	6.16	3.9	SR5	10/14/2019 12:15	29.15	85.0	5.45	4.2	SR5	10/14/2019 18:15	29.26	92.7	6.00	3.9
SR5	10/14/2019 0:20	29.16	87.7	5.62	3.7	SR5	10/14/2019 6:20	29.24	96.1	6.23	3.2	SR5	10/14/2019 12:20	29.26	86.8	5.56	4.6	SR5	10/14/2019 18:20	29.28	92.4	5.98	4.5
SR5	10/14/2019 0:25	29.16	87.4	5.60	4.3	SR5	10/14/2019 6:25	29.24	96.2	6.23	5.2	SR5	10/14/2019 12:25	29.22	86.6	5.56	4.3	SR5	10/14/2019 18:25	29.28	93.0	6.02	3.4
SR5	10/14/2019 0:30	29.17	87.3	5.60	3.8	SR5	10/14/2019 6:30	29.23	94.4	6.11	5.2	SR5	10/14/2019 12:30	29.21	86.5	5.55	4.7	SR5	10/14/2019 18:30	29.28	93.1	6.02	3.9
SR5	10/14/2019 0:35	29.17	87.2	5.59	4.8	SR5	10/14/2019 6:35	29.23	93.6	6.05	3.4	SR5	10/14/2019 12:35	29.19	85.6	5.49	5.0	SR5	10/14/2019 18:35	29.28	92.2	5.96	4.5
SR5	10/14/2019 0:40	29.18	87.4	5.60	3.4	SR5	10/14/2019 6:40	29.23	92.9	6.01	3.3	SR5	10/14/2019 12:40	29.18	85.5	5.49	3.1	SR5	10/14/2019 18:40	29.28	91.2	5.90	3.7
SR5	10/14/2019 0:45	29.18	88.7	5.69	3.5	SR5	10/14/2019 6:45	29.23	91.9	5.94	3.9	SR5	10/14/2019 12:45	29.18	85.4	5.50	4.4	SR5	10/14/2019 18:45	29.24	88.6	5.72	4.9
SR5	10/14/2019 0:50	29.17	89.1	5.72	4.1	SR5	10/14/2019 6:50	29.21	90.1	5.81	5.2	SR5	10/14/2019 12:50	29.16	84.9	5.46	4.7	SR5	10/14/2019 18:50	29.20	86.3	5.57	4.0
SR5	10/14/2019 0:55	29.18	88.8	5.70	4.1	SR5	10/14/2019 6:55	29.21	89.0	5.74	5.1	SR5	10/14/2019 12:55	29.17	84.9	5.45	3.2	SR5	10/14/2019 18:55	29.22	87.2	5.62	4.1
SR5	10/14/2019 1:00	29.17	88.4	5.68	3.5	SR5	10/14/2019 7:00	29.20	88.2	5.68	4.2	SR5	10/14/2019 13:00	29.22	86.7	5.56	3.7	SR5	10/14/2019 19:00	29.23	88.0	5.68	4.5
SR5	10/14/2019 1:05	29.13	91.1	5.86	3.6	SR5	10/14/2019 7:05	29.20	87.3	5.63	4.8	SR5	10/14/2019 13:05	29.24	87.9	5.64	2.9	SR5	10/14/2019 19:05	29.21	86.4	5.57	3.8
SR5	10/14/2019 1:10	29.13	91.0	5.86	4.3	SR5	10/14/2019 7:10	29.20	87.5	5.64	3.5	SR5	10/14/2019 13:10	29.24	88.1	5.66	3.3	SR5	10/14/2019 19:10	29.18	85.6	5.51	4.8
SR5	10/14/2019 1:15	29.13	92.5	5.96	4.2	SR5	10/14/2019 7:15	29.18	87.2	5.62	5.3	SR5	10/14/2019 13:15	29.22	89.1	5.73	3.9	SR5	10/14/2019 19:15	29.20	85.4	5.51	5.0
SR5	10/14/2019 1:20	29.13	91.8	5.92	3.8	SR5	10/14/2019 7:20	29.18	86.8	5.59	5.3	SR5	10/14/2019 13:20	29.23	88.4	5.68	4.3	SR5	10/14/2019 19:20	29.17	85.0	5.47	3.3
SR5	10/14/2019 1:25	29.14	92.4	5.96	4.2	SR5	10/14/2019 7:25	29.18	86.9	5.59	4.6	SR5	10/14/2019 13:25	29.22	89.0	5.72	4.5	SR5	10/14/2019 19:25	29.14	84.8	5.46	4.5
SR5	10/14/2019 1:30	29.13	92.3	5.95	4.7	SR5	10/14/2019 7:30	29.18	85.7	5.52	5.9	SR5	10/14/2019 13:30	29.23	89.6	5.76	4.3	SR5	10/14/2019 19:30	29.14	84.7	5.45	4.4
SR5	10/14/2019 1:35	29.15	91.9	5.92	3.6	SR5	10/14/2019 7:35	29.17	86.0	5.53	5.4	SR5	10/14/2019 13:35	29.23	88.8	5.71	4.3	SR5	10/14/2019 19:35	29.17	85.1	5.48	4.2
SR5	10/14/2019 1:40	29.15	91.8	5.91	3.3	SR5	10/14/2019 7:40	29.17	85.3	5.49	5.1	SR5	10/14/2019 13:40	29.23	88.5	5.69	4.5	SR5	10/14/2019 19:40	29.16	85.3	5.49	4.3
SR5	10/14/2019 1:45	29.18	91.8	5.92	3.7	SR5	10/14/2019 7:45	29.16	85.4	5.49	6.8	SR5	10/14/2019 13:45	29.20	88.6	5.70	3.6	SR5	10/14/2019 19:45	29.13	84.5	5.43	4.3
SR5	10/14/2019 1:50	29.19	91.8	5.93	3.8	SR5	10/14/2019 7:50	29.14	84.9	5.46	4.9	SR5	10/14/2019 13:50	29.24	89.0	5.72	4.2	SR5	10/14/2019 19:50	29.15	83.4	5.37	4.1
SR5	10/14/2019 1:55	29.18	92.3	5.96	3.9	SR5	10/14/2019 7:55	29.15	84.7	5.44	5.1	SR5	10/14/2019 13:55	29.25	92.3	5.94	4.5	SR5	10/14/2019 19:55	29.14	83.6	5.37	3.3
SR5	10/14/2019 2:00	29.15	92.8	6.00	4.6	SR5	10/14/2019 8:00	29.13	83.8	5.38	3.9	SR5	10/14/2019 14:00	29.25	92.2	5.94	2.9	SR5	10/14/2019 20:00	29.14	83.5	5.37	4.4
SR5	10/14/2019 2:05	29.18	92.8	5.99	5.1	SR5	10/14/2019 8:05	29.14	84.3	5.42	4.8	SR5	10/14/2019 14:05	29.27	92.2	5.94	3.7	SR5	10/14/2019 20:05	29.14	82.8	5.32	5.5
SR5	10/14/2019 2:10	29.15	92.8	5.99	4.7	SR5	10/14/2019 8:10	29.13	84.1	5.40	4.2	SR5	10/14/2019 14:10	29.25	90.8	5.85	4.3	SR5	10/14/2019 20:10	29.13	83.0	5.34	3.9
SR5	10/14/2019 2:15	29.16	93.6	6.04	4.9	SR5	10/14/2019 8:15	29.13	84.3	5.41	4.4	SR5	10/14/2019 14:15	29.28	92.2	5.95	4.5	SR5	10/14/2019 20:15	29.12	82.6	5.31	4.4
SR5	10/14/2019 2:20	29.15	93.4	6.04	4.8	SR5	10/14/2019 8:20	29.13	83.9	5.39	4.1	SR5	10/14/2019 14:20	29.30	92.6	5.97	3.2	SR5	10/14/2019 20:20	29.12	82.5	5.30	4.0
SR5	10/14/2019 2:25	29.22	94.3	6.10	5.0	SR5	10/14/2019 8:25	29.16	84.2	5.41	4.0	SR5	10/14/2019 14:25	29.26	90.8	5.85	4.2	SR5	10/14/2019 20:25	29.12	82.3	5.29	4.9
SR5	10/14/2019 2:30	29.22	94.8	6.13	4.7	SR5	10/14/2019 8:30	29.14	83.5	5.36	3.6	SR5	10/14/2019 14:30	29.29	91.4	5.89	3.3	SR5	10/14/2019 20:30	29.12	83.0	5.33	3.6
SR5	10/14/2019 2:35	29.21	95.4	6.17	4.5	SR5	10/14/2019 8:35	29.14	83.6	5.36	4.0	SR5	10/14/2019 14:35	29.30	93.0	6.00	3.0	SR5	10/14/2019 20:35	29.12	83.0	5.33	4.4
SR5	10/14/2019 2:40	29.19	96.7	6.27	5.3	SR5	10/14/2019 8:40	29.11	83.5	5.36	5.5	SR5	10/14/2019 14:40	29.30	93.1	6.01	2.3	SR5	10/14/2019 20:40	29.11	82.5	5.30	4.6
SR5	10/14/2019 2:45	29.19	97.9	6.37	5.1	SR5	10/14/2019 8:45	29.11	83.4	5.35	6.5	SR5	10/14/2019 14:45	29.29	92.8	5.99	3.8	SR5	10/14/2019 20:45	29.13	82.7	5.31	5.5
SR5	10/14/2019 2:50	29.17	99.2	6.46	5.9	SR5	10/14/2019 8:50	29.14	83.9	5.39	5.4	SR5	10/14/2019 14:50	29.32	95.9	6.20	4.0	SR5	10/14/2019 20:50	29.11	82.2	5.28	4.8
SR5	10/14/2019 2:55	29.17	98.7	6.43	7.0	SR5	10/14/2019 8:55	29.12	83.8	5.38	3.7	SR5	10/14/2019 14:55	29.30	95.2	6.15	3.7	SR5	10/14/2019 20:55	29.11	79.1	5.52	6.4
SR5	10/14/2019 3:00	29.18	98.1	6.39	4.6	SR5	10/14/2019 9:00	29.11	83.5	5.35	3.4	SR5	10/14/2019 15:00	29.31	96.0	6.21	3.6	SR5	10/14/2019 21:00	29.11	82.1	5.74	4.0
SR5	10/14/2019 3:05	29.17	98.1	6.39	5.4	SR5	10/14/2019 9:05	29.10	83.4	5.35	4.8	SR5	10/14/2019 15:05	29.30	97.2	6.29	4.2	SR5	10/14/2019 21:05	29.10	81.0	5.66	5.5
SR5	10/14/2019 3:10	29.18	97.5	6.34	6.8	SR5	10/14/2019 9:10	29.10	83.1	5.33	4.9	SR5	10/14/2019 15:10	29.31	95.8	6.20	3.3	SR5	10/14/2019 21:10	29.10	78.9	5.51	4.1
SR5	10/14/2019 3:15	29.18	98.0	6.38	4.4	SR5	10/14/2019 9:15	29.10	82.7	5.30	4.0	SR5	10/14/2019 15:15	29.39	96.4	6.23	3.9	SR5	10/14/2019 21:15	29.09	81.1	5.67	4.6
SR5	10/14/2019 3:20	29.17	98.2	6.39	3.7	SR5	10/14/2019 9:20	29.08	81.9	5.25	3.9	SR5	10/14/2019 15:20	29.38	95.7	6.18	3.7	SR5	10/14/2019 21:20	29.09	80.2	5.60	3.8
SR5	10/14/2019 3:25	29.17	97.9	6.38	4.8	SR5	10/14/2019 9:25	29.08	82.1	5.26	4.0	SR5	10/14/2019 15:25	29.36	95.5	6.17	4.1	SR5	10/14/2019 21:25	29.09	79.0	5.51	5.2
SR5	10/14/2019 3:30	29.17	97.7	6.36	4.7	SR5	10/14/2019 9:30	29.08	82.0	5.25	4.5	SR5	10/14/2019 15:30	29.33	96.3	6.24	3.5	SR5	10/14/2019 21:30	29.09	78.9	5.51	4.0
SR5	10/14/2019 3:35	29.19	97.4	6.34	4.2	SR5	10/14/2019 9:35	29.08	81.1	5.67	5.4	SR5	10/14/2019 15:35	29.36	95.3	6.16	3.8	SR5	10/14/2019 21:35	29.09	77.8	5.43	3.2
SR5	10/14/2019 3:40	29.18	98.3	6.41	4.6	SR5	10/14/2019 9:40	29.07	81.2	5.67	5.3	SR5	10/14/2019 15:40	29.35	94.3	6.10	4.6	SR5	10/14/2019 21:40	29.07	78.4	5.47	4.6
SR5	10/14/2019 3:45	29.21	97.8	6.36	5.8	SR5	10/14/2019 9:45	29.08	79.5	5.55	3.9	SR5	10/14/2019 15:45	29.36	94.1	6.08	5.1	SR5	10/14/2019 21:45	29.07	78.1	5.44	4.2
SR5	10/14/2019 3:50	29.20	97.6	6.36	5.5	SR5	10/14/2019 9:50	29.07	78.8	5.50	5.2	SR5	10/14/2019 15:50	29.36	93.1	6.02	4.5	SR5	10/14/2019 21:50	29.06	78.3	5.46	4.5
SR5	10/14/2019 3:55	29.19	99.0	6.46	3.8	SR5	10/14/2019 9:55	29.07	80.0	5.58	4.1	SR5	10/14/2019 15:55	29.35	94.3	6.10	3.2	SR5	10/14/2019 21:55	29.06	80.3	5.61	4.1
SR5	10/14/2019 4:00	29.16	99.6	6.50	4.9	SR5	10/14/2019 10:00	29.06	80.4	5.61	4.9	SR5	10/14/2019 16:00	29.34	94.3	6.10	3.9	SR5	10/14/2019 22:00	29.05	80.7	5.64	3.8
SR5	10/14/2019 4:05	29.15	99.7	6.51	4.5	SR5	10/14/2019 10:05	29.06	80.0	5.58	5.1	SR5	10/14/2019 16:05	29.35	94.3	6.10	2.5	SR5	10/14/2019 22:05	29.05	78.7	5.49	4.1
SR5	10/14/2019 4:10	29.16	99.8	6.52	4.4	SR5	10/14/2019 10:10	29.06	80.8	5.64	4.2	SR5	10/14/2019 16:10	29.35	94.7	6.12	4.4	SR5	10/14/2019 22:10	29.05	80.9	5.66	5.3
SR5	10/14/2019 4:15	29.15	100.1	6.54	4.7	SR5	10/14/2019 10:15	29.06	81.1	5.67	3.6	SR5	10/14/2019 16:15	29.35	94.6	6.12	3.9	SR5	10/14/2019 22:15	29.05	80.2	5.60	4.5
SR5	10/14/2019 4:20	29.19	100.1	6.53	3.0	SR5	10/14/2019 10:20	29.06	78.7	5.49	2.8	SR5	10/14/2019 16:20	29.34	94.4	6.11	3.7	SR5	10/14/2019 22:20	29.05	79.2	5.52	3.8
SR5	10/14/2019 4:25	29.13	100.1	6.55	4.9	SR5	10/14/2019 10:25	29.06	81.9	5.72	3.7	SR5	10/14/2019 16:25	29.33	94.7	6.13	3.7	SR5	10/14/2019 22:25	29.06	80.7	5.64	3.5
SR5	10/14/2019 4:30	29.17	98.8	6.45	5.0	SR5	10/14/2019 10:30	29.07	81.5	5.69	4.1	SR5	10/14/2019 16:30	29.33	94.6	6.12	4.0	SR5	10/14/2019 22:30	29.06	79.0	5.51	4.2
SR5	10/14/2019 4:35	29.10	98.7	6.46	3.3	SR5	10/14/2019 10:35	29.06	80.6	5.63	5.4	SR5	10/14/2019 16:35	29.33	94.5	6.11	2.7	SR5	10/14/2019 22:35	29.06	79.8	5.58	4.9
SR5	10/14/2019 4:40	29.15	98.9	6.46	4.6	SR5	10/14/2019 10:40	29.07	79.6	5.54	3.7	SR5	10/14/2019 16:40	29.33	94.6	6.12	4.1	SR5	10/14/2019 22:40	29.06	80.8	5.65	4.7
SR5	10/14/2019 4:45	29.06	99.3	6.50	3.7	SR5	10/14/2019 10:45	29.08	79.8	5.56	4.4	SR5	10/14/2019 16:45	29.34	94.3	6.10	3.8	SR5	10/14/2019 22:45	29.05	77.9	5.43	4.8
SR5	10/14/2019 4:50	29.07	98.9	6.47	4.4	SR5	10/14/2019 10:50	29.07	81.5	5.21	4.7	SR5	10/14/2019 16:50	29.33	94.0	6.08	3.9	SR5	10/14/2019 22:50	29.05	78.9	5.51	4.8
SR5	10/14/2019 4:55	29.07	97.7	6.39	4.3	SR5	10/14/2019 10:55	29.11	83.2	5.33	3.3	SR5	10/14/2019 16:55	29.33	94.0	6.08	3.7	SR5	10/14/2019 22:55	29.05	82.0	5.74	3.6
SR5	10/14/2019 5:00	29.06	99.0	6.48	3.5	SR5	10/14/2019 11:00	29.09	84.0	5.39	5.0	SR5	10/14/2019 17:00	29.33	93.5	6.05	5.0	SR5	10/14/2019 23:00	29.05	79.3	5.53	3.7
SR5	10/14/2019 5:05	29.08	97.0	6.34	3.3	SR5	10/14/2019 11:05	29.10	85.1	5.46	4.1	SR5	10/14/2019 17:05	29.32	94.5	6.12	4.4	SR5	10/14/2019 23:05	29.05	78.9	5.50	5.4
SR5	10/14/2019 5:10	29.10	97.2	6.36	5.1	SR5	10/14/2019 11:10	29.12	84.7	5.43	3.8	SR5	10/14/2019 17:10	29.29	95.9	6.21	5.2	SR5	10/14/2019 23:10	29.05	78.1	5.45	3.9
SR5	10/14/2019 5:15	29.08	97.8	6.41	4.6	SR5	10/14/2019 11:15	29.11	83.8	5.37	4.1	SR5	10/14/2019 17:15	29.27	96.2	6.24	4.2	SR5	10/14/2019 23:15	29.05	80.1	5.60	4.5
SR5	10/14/2019 5:20	29.11	96.9	6.34	5.3	SR5	10/14/2019 11:20	29.12	83.6	5.36	3.9	SR5	10/14/2019 17:20	29.27	95.1	6.16	4.2	SR5	10/14/2019 23:20	29.05	79.2	5.53	4.2
SR5	10/14/2019 5:25	29.12	96.2	6.29	4.2	SR5	10/14/2019 11:25	29.12	83.8	5.37	4.5	SR5	10/14/2019 17:25	29.25	95.7	6.21	3.9	SR5	10/14/2019 23:25	29.05	80.2	5.61	3.7
SR5	10/14/2019 5:30	29.14	96.8	6.33	3.7	SR5	10/14/2019 11:30	29.12	83.1	5.33	4.1	SR5	10/14/2019 17:30	29.25	95.4	6.19	3.7	SR5	10/14/2019 23:30	28.92	82.8	5.33	4.6
SR5	10/14/2019 5:35	29.22	94.7	6.17	4.0	SR5	10/14/2019 11:35	29.16	83.6	5.35	3.7	SR5	10/14/2019 17:35	29.27	95.3	6.18	4.8	SR5	10/14/2019 23:35	28.98	82.0	5.27	4.2
SR5	10/14/2019 5:40	29.18	96.6	6.31	4.2	SR5	10/14/2019 11:40	29.17	83.0	5.31	5.0	SR5	10/14/2019 17:40	29.27	95.1	6.16	3.6	SR5	10/14/2019 23:40	29.01	82.6	5.31	5.0
SR5	10/14/2019 5:45	29.21	97.5	6.35	3.7	SR5	10/14/2019 11:45	29.17	84.7	5.43	4.0	SR5	10/14/2019 17:45	29.29	93.1	6.03	3.1	SR5	10/14/2019 23:45	29.02	82.6	5.31	3.9
SR5	10/14/2019 5:50	29.24	97.3	6.34	5.8	SR5	10/14/2019 11:50	29.18	85.7	5.50	5.6	SR5	10/14/2019 17:50	29.29	94.1	6.09	4.3	SR5	10/14/2019 23:50	29.01	82.3	5.29	4.0
SR5	10/14/2019 5:55	29.23	97.2	6.33	6.4	SR5	10/14/2019 11:55	29.19	86.2	5.53	4.5	SR5	10/14/2019 17:55	29.29	94.5	6.12	4.6	SR5	10/14/2019 23:55	29.01	82.2	5.28	4.8

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	10/14/2019 0:01	29.50	81.6	5.80	7.8	SR12	10/14/2019 6:01	29.58	80.0	5.70	5.7	SR12	10/14/2019 12:01	29.61	79.3	5.65	5.8	SR12	10/14/2019 18:01	29.38	79.9	5.70	6.4
SR12	10/14/2019 0:06	29.50	80.7	5.73	7.0	SR12	10/14/2019 6:06	29.58	79.6	5.67	4.6	SR12	10/14/2019 12:06	29.61	80.4	5.73	6.4	SR12	10/14/2019 18:06	29.40	76.1	5.45	4.8
SR12	10/14/2019 0:11	29.49	79.0	5.62	5.2	SR12	10/14/2019 6:11	29.54	80.3	5.73	3.8	SR12	10/14/2019 12:11	29.61	79.3	5.66	5.4	SR12	10/14/2019 18:11	29.39	77.0	5.50	4.0
SR12	10/14/2019 0:16	29.48	77.5	5.50	6.1	SR12	10/14/2019 6:16	29.56	79.1	5.65	3.7	SR12	10/14/2019 12:16	29.62	79.8	5.68	6.3	SR12	10/14/2019 18:16	29.41	77.9	5.56	4.9
SR12	10/14/2019 0:21	29.50	80.9	5.74	8.7	SR12	10/14/2019 6:21	29.58	80.0	5.71	4.5	SR12	10/14/2019 12:21	29.61	78.9	5.62	5.6	SR12	10/14/2019 18:21	29.41	76.3	5.46	4.3
SR12	10/14/2019 0:26	29.50	79.6	5.64	7.0	SR12	10/14/2019 6:26	29.55	77.0	5.50	2.9	SR12	10/14/2019 12:26	29.60	79.5	5.67	5.4	SR12	10/14/2019 18:26	29.40	78.5	5.62	4.6
SR12	10/14/2019 0:31	29.49	79.7	5.65	8.1	SR12	10/14/2019 6:31	29.58	79.2	5.66	3.7	SR12	10/14/2019 12:31	29.60	80.1	5.71	5.4	SR12	10/14/2019 18:31	29.40	78.9	5.63	4.6
SR12	10/14/2019 0:36	29.48	80.9	5.75	8.7	SR12	10/14/2019 6:36	29.58	79.7	5.69	4.2	SR12	10/14/2019 12:36	29.61	79.1	5.65	5.2	SR12	10/14/2019 18:36	29.40	82.5	5.89	5.5
SR12	10/14/2019 0:41	29.50	80.2	5.69	7.7	SR12	10/14/2019 6:41	29.56	78.9	5.66	5.4	SR12	10/14/2019 12:41	29.61	79.6	5.68	5.8	SR12	10/14/2019 18:41	29.40	78.9	5.64	4.4
SR12	10/14/2019 0:46	29.50	79.7	5.66	6.2	SR12	10/14/2019 6:46	29.55	77.7	5.56	4.1	SR12	10/14/2019 12:46	29.61	80.0	5.71	6.5	SR12	10/14/2019 18:46	29.38	80.9	5.77	6.0
SR12	10/14/2019 0:51	29.48	79.8	5.66	8.2	SR12	10/14/2019 6:51	29.54	75.3	5.40	4.2	SR12	10/14/2019 12:51	29.61	80.4	5.74	6.8	SR12	10/14/2019 18:51	29.40	78.7	5.62	4.2
SR12	10/14/2019 0:56	29.48	79.2	5.63	6.8	SR12	10/14/2019 6:56	29.50	74.9	5.38	3.4	SR12	10/14/2019 12:56	29.47	79.7	5.69	6.1	SR12	10/14/2019 18:56	29.39	79.6	5.68	7.1
SR12	10/14/2019 1:01	29.49	78.2	5.55	7.2	SR12	10/14/2019 7:01	29.44	80.4	5.76	3.8	SR12	10/14/2019 13:01	29.47	79.1	5.63	5.9	SR12	10/14/2019 19:01	29.39	81.3	5.82	5.4
SR12	10/14/2019 1:06	29.50	78.3	5.57	6.3	SR12	10/14/2019 7:06	29.25	83.4	6.00	3.6	SR12	10/14/2019 13:06	29.48	79.9	5.71	5.5	SR12	10/14/2019 19:06	29.37	77.2	5.52	4.6
SR12	10/14/2019 1:11	29.44	81.0	5.77	4.3	SR12	10/14/2019 7:11	29.30	80.3	5.78	3.7	SR12	10/14/2019 13:11	29.46	79.5	5.66	5.7	SR12	10/14/2019 19:11	29.36	74.3	5.31	4.4
SR12	10/14/2019 1:16	29.44	79.8	5.68	4.1	SR12	10/14/2019 7:16	29.34	79.2	5.69	3.8	SR12	10/14/2019 13:16	29.46	79.6	5.68	5.7	SR12	10/14/2019 19:16	29.40	80.3	5.73	4.7
SR12	10/14/2019 1:21	29.44	79.6	5.67	4.5	SR12	10/14/2019 7:21	29.31	78.8	5.67	2.9	SR12	10/14/2019 13:21	29.50	78.1	5.57	5.7	SR12	10/14/2019 19:21	29.40	77.0	5.50	4.6
SR12	10/14/2019 1:26	29.47	80.8	5.74	4.2	SR12	10/14/2019 7:26	29.33	78.6	5.66	3.0	SR12	10/14/2019 13:26	29.51	77.8	5.55	4.6	SR12	10/14/2019 19:26	29.37	75.6	5.39	4.7
SR12	10/14/2019 1:31	29.46	82.8	5.88	4.4	SR12	10/14/2019 7:31	29.07	78.9	5.73	2.9	SR12						SR12	10/14/2019 19:31	29.36	72.1	5.17	3.7
SR12	10/14/2019 1:36	29.45	84.1	5.95	4.4	SR12	10/14/2019 7:36	29.39	76.8	5.53	3.6	SR12						SR12	10/14/2019 19:36	29.37	75.3	5.39	4.4
SR12	10/14/2019 1:41	29.44	84.5	6.00	4.5	SR12	10/14/2019 7:41	29.09	80.1	5.83	2.6	SR12						SR12	10/14/2019 19:41	29.38	75.0	5.37	4.4
SR12	10/14/2019 1:46	29.44	85.3	6.05	4.0	SR12	10/14/2019 7:46	28.90	84.8	6.20	7.5	SR12						SR12	10/14/2019 19:46	29.38	78.0	5.59	4.7
SR12	10/14/2019 1:51	29.42	85.0	6.03	4.2	SR12	10/14/2019 7:51	29.34	81.0	5.83	4.7	SR12						SR12	10/14/2019 19:51	29.38	73.5	5.26	4.4
SR12	10/14/2019 1:56	29.42	84.7	6.02	2.9	SR12	10/14/2019 7:56	28.84	86.9	6.36	3.3	SR12						SR12	10/14/2019 19:56	29.37	77.3	5.52	5.8
SR12	10/14/2019 2:01	29.41	85.9	6.11	3.5	SR12	10/14/2019 8:01	28.65	86.9	6.41	3.6	SR12						SR12	10/14/2019 20:01	29.35	79.7	5.68	6.7
SR12	10/14/2019 2:06	29.41	86.3	6.14	3.4	SR12	10/14/2019 8:06	29.01	79.0	5.76	**10.7**	SR12						SR12	10/14/2019 20:06	29.36	80.8	5.76	6.1
SR12	10/14/2019 2:11	29.43	86.0	6.11	4.2	SR12	10/14/2019 8:11	28.89	82.5	6.04	3.6	SR12						SR12	10/14/2019 20:11	29.34	78.3	5.59	5.0
SR12	10/14/2019 2:16	29.42	83.0	5.91	3.8	SR12	10/14/2019 8:16	29.06	76.3	5.56	3.5	SR12						SR12	10/14/2019 20:16	29.36	79.3	5.66	6.2
SR12	10/14/2019 2:21	29.42	82.4	5.86	3.0	SR12	10/14/2019 8:21	29.13	75.5	5.49	3.7	SR12						SR12	10/14/2019 20:21	29.37	79.3	5.66	6.2
SR12	10/14/2019 2:26	29.44	86.7	6.17	3.9	SR12	10/14/2019 8:26	29.18	71.2	5.18	3.6	SR12						SR12	10/14/2019 20:26	29.36	77.2	5.51	6.1
SR12	10/14/2019 2:31	29.43	85.1	6.06	2.9	SR12	10/14/2019 8:31	29.22	70.2	5.10	4.0	SR12						SR12	10/14/2019 20:31	29.36	78.0	5.56	6.3
SR12	10/14/2019 2:36	29.42	85.0	6.05	3.7	SR12	10/14/2019 8:36	29.33	73.6	5.31	3.2	SR12						SR12	10/14/2019 20:36	29.34	80.9	5.76	5.5
SR12	10/14/2019 2:41	29.44	85.1	6.05	3.6	SR12	10/14/2019 8:41	29.45	78.0	5.58	4.3	SR12						SR12	10/14/2019 20:41	29.35	80.7	5.75	5.2
SR12	10/14/2019 2:46	29.42	83.6	5.95	2.9	SR12	10/14/2019 8:46	29.49	80.8	5.78	4.3	SR12						SR12	10/14/2019 20:46	29.30	80.1	5.72	5.1
SR12	10/14/2019 2:51	29.41	81.1	5.77	3.2	SR12	10/14/2019 8:51	29.49	80.9	5.78	4.5	SR12	10/14/2019 14:51	29.44	85.0	6.07	5.0	SR12	10/14/2019 20:51	29.34	79.8	5.70	4.5
SR12	10/14/2019 2:56	29.39	81.2	5.79	4.5	SR12	10/14/2019 8:56	29.51	82.7	5.90	4.5	SR12	10/14/2019 14:56	29.44	82.3	5.87	5.3	SR12	10/14/2019 20:56	29.35	80.6	5.76	5.0
SR12	10/14/2019 3:01	29.31	80.2	5.73	3.4	SR12	10/14/2019 9:01	29.52	83.4	5.95	3.7	SR12	10/14/2019 15:01	29.49	84.1	6.01	4.4	SR12	10/14/2019 21:01	29.38	81.0	5.79	5.8
SR12	10/14/2019 3:06	29.36	82.4	5.88	3.5	SR12	10/14/2019 9:06	29.53	82.0	5.84	4.1	SR12	10/14/2019 15:06	29.53	83.8	5.97	4.5	SR12	10/14/2019 21:06	29.29	78.9	5.67	5.0
SR12	10/14/2019 3:11	29.41	83.6	5.95	3.4	SR12	10/14/2019 9:11	29.54	85.5	6.09	4.8	SR12	10/14/2019 15:11	29.59	84.7	6.04	4.1	SR12	10/14/2019 21:11	29.41	77.3	5.52	4.6
SR12	10/14/2019 3:16	29.43	83.4	5.94	4.1	SR12	10/14/2019 9:16	29.55	83.4	5.94	4.7	SR12	10/14/2019 15:16	29.58	81.5	5.81	3.7	SR12	10/14/2019 21:16	29.40	78.1	5.58	4.6
SR12	10/14/2019 3:21	29.45	81.6	5.82	3.3	SR12	10/14/2019 9:21	29.55	84.0	5.99	4.9	SR12	10/14/2019 15:21	29.56	81.8	5.83	4.0	SR12	10/14/2019 21:21	29.39	78.5	5.60	5.4
SR12	10/14/2019 3:26	29.43	80.3	5.72	3.7	SR12	10/14/2019 9:26	29.57	82.2	5.86	5.2	SR12	10/14/2019 15:26	29.59	82.7	5.90	4.1	SR12	10/14/2019 21:26	29.39	82.3	5.86	5.2
SR12	10/14/2019 3:31	29.42	84.1	5.99	3.7	SR12	10/14/2019 9:31	29.57	83.9	5.98	5.4	SR12	10/14/2019 15:31	29.52	82.4	5.87	4.2	SR12	10/14/2019 21:31	29.38	83.1	5.92	5.1
SR12	10/14/2019 3:36	29.43	83.5	5.96	3.2	SR12	10/14/2019 9:36	29.58	84.3	6.01	5.0	SR12	10/14/2019 15:36	29.54	82.8	5.91	3.8	SR12	10/14/2019 21:36	29.37	82.3	5.87	4.9
SR12	10/14/2019 3:41	29.44	81.2	5.80	3.1	SR12	10/14/2019 9:41	29.60	84.7	6.03	6.4	SR12	10/14/2019 15:41	29.50	82.3	5.88	3.9	SR12	10/14/2019 21:41	29.35	83.8	5.97	5.6
SR12	10/14/2019 3:46	29.43	80.4	5.75	4.4	SR12	10/14/2019 9:46	29.60	84.5	6.02	5.8	SR12	10/14/2019 15:46	29.47	82.0	5.85	5.0	SR12	10/14/2019 21:46	29.34	85.0	6.05	5.4
SR12	10/14/2019 3:51	29.44	81.0	5.78	3.9	SR12	10/14/2019 9:51	29.60	86.3	6.14	6.2	SR12	10/14/2019 15:51	29.49	83.0	5.93	3.8	SR12	10/14/2019 21:51	29.34	85.7	6.10	5.5
SR12	10/14/2019 3:56	29.46	83.4	5.95	4.1	SR12	10/14/2019 9:56	29.60	84.1	6.00	4.9	SR12	10/14/2019 15:56	29.52	81.9	5.84	3.8	SR12	10/14/2019 21:56	29.32	85.2	6.05	5.6
SR12	10/14/2019 4:01	29.46	80.9	5.77	4.3	SR12	10/14/2019 10:01	29.59	83.6	5.96	5.4	SR12	10/14/2019 16:01	29.54	82.3	5.88	3.8	SR12	10/14/2019 22:01	29.31	84.6	6.01	5.3
SR12	10/14/2019 4:06	29.46	85.9	6.13	4.6	SR12	10/14/2019 10:06	29.58	83.3	5.93	7.2	SR12	10/14/2019 16:06	29.53	81.9	5.83	4.0	SR12	10/14/2019 22:06	29.29	83.4	5.93	5.4
SR12	10/14/2019 4:11	29.44	86.0	6.13	4.9	SR12	10/14/2019 10:11	29.59	82.3	5.87	5.2	SR12	10/14/2019 16:11	29.55	84.4	6.01	4.8	SR12	10/14/2019 22:11	29.29	82.6	5.87	5.4
SR12	10/14/2019 4:16	29.44	85.6	6.12	3.6	SR12	10/14/2019 10:16	29.58	81.8	5.84	4.0	SR12	10/14/2019 16:16	29.52	83.5	5.95	4.2	SR12	10/14/2019 22:16	29.29	81.7	5.82	4.5
SR12	10/14/2019 4:21	29.46	82.6	5.91	3.2	SR12	10/14/2019 10:21	29.58	83.6	5.96	5.3	SR12	10/14/2019 16:21	29.50	82.6	5.90	3.8	SR12	10/14/2019 22:21	29.30	81.9	5.82	4.4
SR12	10/14/2019 4:26	29.47	83.9	6.00	3.5	SR12	10/14/2019 10:26	29.58	82.7	5.91	5.5	SR12	10/14/2019 16:26	29.49	82.8	5.90	4.5	SR12	10/14/2019 22:26	29.29	81.5	5.80	4.7
SR12	10/14/2019 4:31	29.47	84.6	6.04	3.8	SR12	10/14/2019 10:31	29.58	82.9	5.92	5.9	SR12	10/14/2019 16:31	29.53	82.3	5.87	3.7	SR12	10/14/2019 22:31	29.28	80.3	5.72	5.4
SR12	10/14/2019 4:36	29.47	81.9	5.84	3.5	SR12	10/14/2019 10:36	29.57	81.2	5.79	5.2	SR12	10/14/2019 16:36	29.51	83.5	5.95	4.2	SR12	10/14/2019 22:36	29.29	81.7	5.82	6.1
SR12	10/14/2019 4:41	29.49	79.9	5.71	2.7	SR12	10/14/2019 10:41	29.58	80.5	5.75	4.4	SR12	10/14/2019 16:41	29.51	82.5	5.89	4.0	SR12	10/14/2019 22:41	29.28	81.6	5.82	5.6
SR12	10/14/2019 4:46	29.51	80.5	5.75	3.8	SR12	10/14/2019 10:46	29.58	81.9	5.84	6.0	SR12	10/14/2019 16:46	29.60	84.4	6.01	4.2	SR12	10/14/2019 22:46	29.26	82.6	5.89	5.4
SR12	10/14/2019 4:51	29.48	82.1	5.85	3.6	SR12	10/14/2019 10:51	29.60	81.7	5.83	6.2	SR12	10/14/2019 16:51	29.56	83.4	5.94	4.4	SR12	10/14/2019 22:51	29.27	82.0	5.84	6.4
SR12	10/14/2019 4:56	29.49	80.3	5.73	2.7	SR12	10/14/2019 10:56	29.58	81.4	5.81	6.0	SR12	10/14/2019 16:56	29.62	81.0	5.78	3.4	SR12	10/14/2019 22:56	29.27	81.9	5.81	5.0
SR12	10/14/2019 5:01	29.49	79.1	5.64	3.3	SR12	10/14/2019 11:01	29.58	80.3	5.74	4.8	SR12	10/14/2019 17:01	29.58	80.4	5.73	4.4	SR12	10/14/2019 23:01	29.27	81.4	5.78	5.4
SR12	10/14/2019 5:06	29.49	73.8	5.28	3.3	SR12	10/14/2019 11:06	29.57	79.9	5.71	5.0	SR12	10/14/2019 17:06	29.52	81.8	5.84	4.1	SR12	10/14/2019 23:06	29.27	81.0	5.75	6.6
SR12	10/14/2019 5:11	29.50	76.4	5.45	3.1	SR12	10/14/2019 11:11	29.60	80.4	5.73	7.2	SR12	10/14/2019 17:11	29.49	79.3	5.66	4.6	SR12	10/14/2019 23:11	29.26	81.7	5.80	5.4
SR12	10/14/2019 5:16	29.46	75.8	5.42	3.8	SR12	10/14/2019 11:16	29.60	79.8	5.68	7.0	SR12	10/14/2019 17:16	29.48	80.2	5.73	4.4	SR12	10/14/2019 23:16	29.26	81.6	5.80	5.6
SR12	10/14/2019 5:21	29.52	78.8	5.61	4.0	SR12	10/14/2019 11:21	29.59	82.3	5.87	6.9	SR12	10/14/2019 17:21	29.43	78.6	5.62	6.0	SR12	10/14/2019 23:21	29.23	81.8	5.82	5.7
SR12	10/14/2019 5:26	29.51	78.2	5.58	3.9	SR12	10/14/2019 11:26	29.59	81.0	5.77	6.1	SR12	10/14/2019 17:26	29.40	80.0	5.72	6.6	SR12	10/14/2019 23:26	29.25	80.9	5.75	6.2
SR12	10/14/2019 5:31	29.53	79.1	5.64	3.6	SR12	10/14/2019 11:31	29.60	80.7	5.76	5.4	SR12	10/14/2019 17:31	29.39	81.3	5.81	6.2	SR12	10/14/2019 23:31	29.24	80.2	5.71	5.8
SR12	10/14/2019 5:36	29.52	79.2	5.65	3.6	SR12	10/14/2019 11:36	29.60	78.9	5.63	5.8	SR12	10/14/2019 17:36	29.39	81.5	5.82	7.3	SR12	10/14/2019 23:36	29.24	81.1	5.78	5.5
SR12	10/14/2019 5:41	29.53	78.5	5.61	2.8	SR12	10/14/2019 11:41	29.61	77.1	5.50	8.0	SR12	10/14/2019 17:41	29.38	79.9	5.70	7.3	SR12	10/14/2019 23:41	29.25	79.2	5.65	6.3
SR12	10/14/2019 5:46	29.54	75.7	5.40	3.6	SR12	10/14/2019 11:46	29.61	78.4	5.59	8.8	SR12	10/14/2019 17:46	29.39	80.9	5.77	6.9	SR12	10/14/2019 23:46	29.24	79.8	5.70	6.3
SR12	10/14/2019 5:51	29.56	77.1	5.50	3.6	SR12	10/14/2019 11:51	29.61	79.5	5.68	7.4	SR12	10/14/2019 17:51	29.39	80.5	5.74	7.0	SR12	10/14/2019 23:51	29.24	78.7	5.63	5.4
SR12	10/14/2019 5:56	29.56	77.1	5.50	3.8	SR12	10/14/2019 11:56	29.61	80.3	5.72	7.5	SR12	10/14/2019 17:56	29.38	80.3	5.73	9.0	SR12	10/14/2019 23:56	29.24	79.3	5.65	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	10/14/2019 0:00	29.99	74.7	5.51	4.5	SR13	10/14/2019 6:00	29.64	78.1	5.70	6.6	SR13	10/14/2019 12:00	29.44	78.9	5.78	4.6	SR13	10/14/2019 18:00	29.41	79.9	5.86	5.1
SR13	10/14/2019 0:05	30.00	78.7	5.76	4.8	SR13	10/14/2019 6:05	29.65	78.5	5.72	7.1	SR13	10/14/2019 12:05	29.44	77.1	5.66	4.8	SR13	10/14/2019 18:05	29.41	81.4	5.96	5.0
SR13	10/14/2019 0:10	30.00	76.7	5.60	4.3	SR13	10/14/2019 6:10	29.66	79.0	5.76	6.1	SR13	10/14/2019 12:10	29.43	76.9	5.64	4.5	SR13	10/14/2019 18:10	29.40	80.5	5.90	5.8
SR13	10/14/2019 0:15	30.00	75.9	5.55	4.5	SR13	10/14/2019 6:15	29.64	77.8	5.67	7.3	SR13	10/14/2019 12:15	29.43	76.2	5.58	4.0	SR13	10/14/2019 18:15	29.41	80.8	5.92	5.8
SR13	10/14/2019 0:20	30.05	76.9	5.62	4.1	SR13	10/14/2019 6:20	29.65	78.3	5.71	6.8	SR13	10/14/2019 12:20	29.42	75.1	5.51	3.6	SR13	10/14/2019 18:20	29.36	80.2	5.88	5.4
SR13	10/14/2019 0:25	30.04	75.7	5.54	4.3	SR13	10/14/2019 6:25	29.64	77.9	5.68	6.5	SR13	10/14/2019 12:25	29.41	76.0	5.57	3.9	SR13	10/14/2019 18:25	29.36	79.8	5.84	5.7
SR13	10/14/2019 0:30	30.03	76.4	5.59	3.8	SR13	10/14/2019 6:30	29.64	78.6	5.74	7.3	SR13	10/14/2019 12:30	29.34	77.3	5.67	4.0	SR13	10/14/2019 18:30	29.36	80.6	5.91	5.6
SR13	10/14/2019 0:35	30.05	76.7	5.60	4.6	SR13	10/14/2019 6:35	29.61	78.6	5.74	5.6	SR13	10/14/2019 12:35	29.34	77.4	5.68	4.7	SR13	10/14/2019 18:35	29.35	80.3	5.88	6.2
SR13	10/14/2019 0:40	30.03	77.5	5.67	4.6	SR13	10/14/2019 6:40	29.64	76.2	5.56	4.9	SR13	10/14/2019 12:40	29.36	76.4	5.61	3.7	SR13	10/14/2019 18:40	29.35	80.8	5.92	5.9
SR13	10/14/2019 0:45	30.01	75.7	5.54	4.4	SR13	10/14/2019 6:45	29.64	77.1	5.63	6.2	SR13	10/14/2019 12:45	29.37	75.8	5.57	3.9	SR13	10/14/2019 18:45	29.36	78.8	5.78	5.4
SR13	10/14/2019 0:50	29.84	77.6	5.67	5.2	SR13	10/14/2019 6:50	29.63	77.0	5.62	5.3	SR13	10/14/2019 12:50	29.36	73.2	5.38	3.9	SR13	10/14/2019 18:50	29.36	78.8	5.77	5.6
SR13	10/14/2019 0:55	29.86	76.1	5.56	4.6	SR13	10/14/2019 6:55	29.63	78.4	5.72	6.0	SR13	10/14/2019 12:55	29.25	74.8	5.51	4.0	SR13	10/14/2019 18:55	29.38	79.4	5.82	6.0
SR13	10/14/2019 1:00	29.83	77.5	5.66	5.0	SR13	10/14/2019 7:00	29.62	78.1	5.68	6.9	SR13	10/14/2019 13:00	29.29	73.7	5.42	4.6	SR13	10/14/2019 19:00	29.37	78.8	5.77	5.9
SR13	10/14/2019 1:05	29.81	76.8	5.61	4.7	SR13	10/14/2019 7:05	29.61	78.1	5.70	5.5	SR13	10/14/2019 13:05	29.21	76.1	5.60	4.4	SR13	10/14/2019 19:05	29.36	79.4	5.81	6.1
SR13	10/14/2019 1:10	29.78	77.0	5.64	6.0	SR13	10/14/2019 7:10	29.61	78.8	5.74	6.6	SR13	10/14/2019 13:10	29.15	77.2	5.70	5.4	SR13	10/14/2019 19:10	29.34	79.6	5.83	4.7
SR13	10/14/2019 1:15	29.84	76.8	5.61	5.2	SR13	10/14/2019 7:15	29.61	78.9	5.76	5.9	SR13	10/14/2019 13:15	29.30	76.0	5.57	4.9	SR13	10/14/2019 19:15	29.34	80.0	5.87	5.6
SR13	10/14/2019 1:20	29.89	74.8	5.47	5.1	SR13	10/14/2019 7:20	29.60	77.7	5.66	5.6	SR13	10/14/2019 13:20	29.14	78.5	5.79	4.2	SR13	10/14/2019 19:20	29.34	78.7	5.77	5.4
SR13	10/14/2019 1:25	29.91	77.6	5.67	5.3	SR13	10/14/2019 7:25	29.59	78.9	5.76	5.6	SR13	10/14/2019 13:25	29.09	77.7	5.75	4.7	SR13	10/14/2019 19:25	29.34	78.6	5.77	6.6
SR13	10/14/2019 1:30	29.86	80.2	5.85	4.9	SR13	10/14/2019 7:30	29.58	78.8	5.75	6.7	SR13	10/14/2019 13:30	29.21	74.3	5.49	6.7	SR13	10/14/2019 19:30	29.35	79.7	5.84	7.1
SR13	10/14/2019 1:35	29.86	79.3	5.78	5.2	SR13	10/14/2019 7:35	29.60	78.1	5.70	5.2	SR13	10/14/2019 13:35	29.17	76.1	5.61	4.1	SR13	10/14/2019 19:35	29.35	79.9	5.85	6.4
SR13	10/14/2019 1:40	29.90	78.9	5.75	5.4	SR13	10/14/2019 7:40	29.59	77.2	5.64	6.4	SR13	10/14/2019 13:40	29.23	74.6	5.50	4.7	SR13	10/14/2019 19:40	29.33	81.1	5.95	6.0
SR13	10/14/2019 1:45	29.88	79.1	5.77	4.7	SR13	10/14/2019 7:45	29.58	77.8	5.68	5.4	SR13	10/14/2019 13:45	29.27	75.5	5.56	5.8	SR13	10/14/2019 19:45	29.34	80.7	5.91	4.9
SR13	10/14/2019 1:50	29.93	79.3	5.78	4.5	SR13	10/14/2019 7:50	29.55	78.3	5.71	6.0	SR13	10/14/2019 13:50	29.29	74.0	5.45	4.3	SR13	10/14/2019 19:50	29.35	80.9	5.92	5.4
SR13	10/14/2019 1:55	29.94	79.6	5.80	4.1	SR13	10/14/2019 7:55	29.54	77.4	5.66	4.2	SR13	10/14/2019 13:55	29.30	73.4	5.40	4.2	SR13	10/14/2019 19:55	29.34	80.7	5.91	5.3
SR13	10/14/2019 2:00	29.94	80.5	5.87	5.3	SR13	10/14/2019 8:00	29.54	76.3	5.57	4.9	SR13	10/14/2019 14:00	29.34	74.0	5.43	4.2	SR13	10/14/2019 20:00	29.34	80.6	5.90	4.5
SR13	10/14/2019 2:05	29.89	82.3	6.00	5.8	SR13	10/14/2019 8:05	29.55	77.6	5.66	6.5	SR13	10/14/2019 14:05	29.38	75.9	5.56	5.0	SR13	10/14/2019 20:05	29.33	80.9	5.92	4.3
SR13	10/14/2019 2:10	29.85	82.5	6.01	5.6	SR13	10/14/2019 8:10	29.57	76.3	5.57	5.4	SR13	10/14/2019 14:10	29.38	75.4	5.53	4.1	SR13	10/14/2019 20:10	29.34	81.2	5.95	4.9
SR13	10/14/2019 2:15	29.88	82.6	6.03	5.0	SR13	10/14/2019 8:15	29.56	76.2	5.56	6.1	SR13	10/14/2019 14:15	29.39	75.9	5.56	4.8	SR13	10/14/2019 20:15	29.36	81.8	5.99	5.2
SR13	10/14/2019 2:20	29.83	81.7	5.95	4.9	SR13	10/14/2019 8:20	29.54	76.7	5.61	6.4	SR13	10/14/2019 14:20	29.40	77.0	5.64	4.8	SR13	10/14/2019 20:20	29.36	80.2	5.88	5.7
SR13	10/14/2019 2:25	29.81	82.4	6.00	4.6	SR13	10/14/2019 8:25	29.51	76.2	5.57	5.5	SR13	10/14/2019 14:25	29.39	77.2	5.66	5.4	SR13	10/14/2019 20:25	29.38	81.3	5.96	4.4
SR13	10/14/2019 2:30	29.82	82.7	6.02	4.3	SR13	10/14/2019 8:30	29.52	76.4	5.59	5.7	SR13	10/14/2019 14:30	29.39	76.5	5.61	5.1	SR13	10/14/2019 20:30	29.41	80.7	5.91	5.9
SR13	10/14/2019 2:35	29.81	81.7	5.94	4.8	SR13	10/14/2019 8:35	29.57	76.8	5.60	5.6	SR13	10/14/2019 14:35	29.40	76.7	5.62	4.5	SR13	10/14/2019 20:35	29.42	81.7	5.99	5.2
SR13	10/14/2019 2:40	29.83	79.2	5.77	5.0	SR13	10/14/2019 8:40	29.59	76.3	5.58	6.0	SR13	10/14/2019 14:40	29.38	75.9	5.57	4.0	SR13	10/14/2019 20:40	29.42	80.2	5.88	5.2
SR13	10/14/2019 2:45	29.84	78.5	5.72	5.4	SR13	10/14/2019 8:45	29.59	75.5	5.51	5.6	SR13	10/14/2019 14:45	29.35	79.0	5.79	4.9	SR13	10/14/2019 20:45	29.40	80.8	5.92	5.3
SR13	10/14/2019 2:50	29.85	78.8	5.74	5.6	SR13	10/14/2019 8:50	29.60	75.2	5.50	5.6	SR13	10/14/2019 14:50	29.28	79.5	5.84	4.7	SR13	10/14/2019 20:50	29.38	81.4	5.97	5.7
SR13	10/14/2019 2:55	29.88	79.8	5.82	5.2	SR13	10/14/2019 8:55	29.59	78.0	5.70	4.2	SR13	10/14/2019 14:55	29.36	78.9	5.80	5.0	SR13	10/14/2019 20:55	29.37	80.9	5.93	4.6
SR13	10/14/2019 3:00	29.89	80.3	5.85	5.1	SR13	10/14/2019 9:00	29.56	77.3	5.65	5.0	SR13	10/14/2019 15:00	29.37	77.9	5.72	4.9	SR13	10/14/2019 21:00	29.37	81.0	5.93	5.5
SR13	10/14/2019 3:05	29.85	79.1	5.76	5.6	SR13	10/14/2019 9:05	29.56	76.7	5.61	3.9	SR13	10/14/2019 15:05	29.36	78.2	5.74	5.0	SR13	10/14/2019 21:05	29.36	80.2	5.89	5.1
SR13	10/14/2019 3:10	29.86	77.9	5.69	5.5	SR13	10/14/2019 9:10	29.57	76.6	5.60	5.1	SR13	10/14/2019 15:10	29.37	77.8	5.71	4.7	SR13	10/14/2019 21:10	29.35	79.8	5.85	5.3
SR13	10/14/2019 3:15	29.87	76.9	5.61	5.3	SR13	10/14/2019 9:15	29.58	77.5	5.66	4.5	SR13	10/14/2019 15:15	29.26	78.6	5.80	4.7	SR13	10/14/2019 21:15	29.35	80.3	5.88	4.8
SR13	10/14/2019 3:20	29.87	79.1	5.76	5.2	SR13	10/14/2019 9:20	29.59	79.5	5.80	4.5	SR13	10/14/2019 15:20	29.40	76.9	5.66	5.0	SR13	10/14/2019 21:20	29.35	80.1	5.86	5.4
SR13	10/14/2019 3:25	29.83	79.2	5.76	5.2	SR13	10/14/2019 9:25	29.58	78.5	5.73	5.1	SR13	10/14/2019 15:25	29.24	78.9	5.83	4.5	SR13	10/14/2019 21:25	29.34	79.4	5.82	5.1
SR13	10/14/2019 3:30	29.77	79.0	5.76	5.9	SR13	10/14/2019 9:30	29.56	79.9	5.83	4.9	SR13	10/14/2019 15:30	29.16	80.7	5.96	6.8	SR13	10/14/2019 21:30	29.32	79.5	5.82	4.5
SR13	10/14/2019 3:35	29.77	80.5	5.87	5.0	SR13	10/14/2019 9:35	29.53	80.4	5.87	4.3	SR13	10/14/2019 15:35	29.36	78.7	5.78	5.6	SR13	10/14/2019 21:35	29.35	80.2	5.87	5.3
SR13	10/14/2019 3:40	29.76	78.6	5.72	5.2	SR13	10/14/2019 9:40	29.49	79.8	5.84	4.4	SR13	10/14/2019 15:40	29.14	80.5	5.95	4.4	SR13	10/14/2019 21:40	29.33	80.8	5.92	5.1
SR13	10/14/2019 3:45	29.75	81.2	5.90	5.3	SR13	10/14/2019 9:45	29.49	79.4	5.81	4.3	SR13	10/14/2019 15:45	29.03	81.3	6.03	4.9	SR13	10/14/2019 21:45	29.30	81.8	6.01	5.2
SR13	10/14/2019 3:50	29.76	81.9	5.96	5.1	SR13	10/14/2019 9:50	29.50	79.6	5.82	4.8	SR13	10/14/2019 15:50	29.13	77.3	5.71	7.4	SR13	10/14/2019 21:50	29.31	81.6	5.97	4.2
SR13	10/14/2019 3:55	29.75	81.1	5.90	6.0	SR13	10/14/2019 9:55	29.48	80.3	5.87	4.4	SR13	10/14/2019 15:55	29.08	80.1	5.93	5.3	SR13	10/14/2019 21:55	29.30	82.1	6.02	4.4
SR13	10/14/2019 4:00	29.74	83.0	6.03	5.8	SR13	10/14/2019 10:00	29.48	78.1	5.71	4.8	SR13	10/14/2019 16:00	29.14	76.1	5.62	4.3	SR13	10/14/2019 22:00	29.28	82.8	6.07	4.4
SR13	10/14/2019 4:05	29.73	84.6	6.14	5.1	SR13	10/14/2019 10:05	29.47	76.7	5.61	3.8	SR13	10/14/2019 16:05	29.18	76.0	5.62	4.0	SR13	10/14/2019 22:05	29.28	82.6	6.05	3.8
SR13	10/14/2019 4:10	29.74	83.2	6.04	5.3	SR13	10/14/2019 10:10	29.48	78.8	5.76	4.0	SR13	10/14/2019 16:10	29.21	74.8	5.52	4.9	SR13	10/14/2019 22:10	29.30	83.0	6.08	4.3
SR13	10/14/2019 4:15	29.72	84.9	6.17	5.3	SR13	10/14/2019 10:15	29.47	79.0	5.77	4.0	SR13	10/14/2019 16:15	29.22	74.3	5.49	5.4	SR13	10/14/2019 22:15	29.28	82.8	6.07	3.7
SR13	10/14/2019 4:20	29.70	82.6	6.01	5.2	SR13	10/14/2019 10:20	29.47	78.4	5.73	4.2	SR13	10/14/2019 16:20	29.26	75.6	5.57	4.6	SR13	10/14/2019 22:20	29.31	82.0	6.01	4.3
SR13	10/14/2019 4:25	29.71	83.7	6.08	5.5	SR13	10/14/2019 10:25	29.48	78.7	5.75	4.6	SR13	10/14/2019 16:25	29.32	77.6	5.69	4.5	SR13	10/14/2019 22:25	29.29	82.2	6.02	4.7
SR13	10/14/2019 4:30	29.72	82.9	6.02	5.1	SR13	10/14/2019 10:30	29.48	76.0	5.57	4.3	SR13	10/14/2019 16:30	29.34	78.8	5.78	4.5	SR13	10/14/2019 22:30	29.27	83.3	6.10	4.0
SR13	10/14/2019 4:35	29.72	83.8	6.09	5.9	SR13	10/14/2019 10:35	29.47	76.3	5.59	4.3	SR13	10/14/2019 16:35	29.35	78.8	5.77	5.1	SR13	10/14/2019 22:35	29.26	82.1	6.02	4.6
SR13	10/14/2019 4:40	29.71	84.5	6.14	5.9	SR13	10/14/2019 10:40	29.45	75.6	5.54	4.5	SR13						SR13	10/14/2019 22:40	29.26	81.1	5.94	5.6
SR13	10/14/2019 4:45	29.70	84.6	6.15	4.7	SR13	10/14/2019 10:45	29.44	75.9	5.56	3.9	SR13						SR13	10/14/2019 22:45	29.26	81.4	5.97	4.0
SR13	10/14/2019 4:50	29.70	84.0	6.10	5.5	SR13	10/14/2019 10:50	29.46	76.8	5.63	4.3	SR13						SR13	10/14/2019 22:50	29.24	82.2	6.02	4.9
SR13	10/14/2019 4:55	29.69	83.2	6.05	6.6	SR13	10/14/2019 10:55	29.48	77.5	5.67	4.3	SR13						SR13	10/14/2019 22:55	29.24	82.3	6.03	4.8
SR13	10/14/2019 5:00	29.72	80.4	5.86	6.1	SR13	10/14/2019 11:00	29.48	77.6	5.67	4.3	SR13	10/14/2019 17:00	29.40	80.0	5.86	5.0	SR13	10/14/2019 23:00	29.25	81.0	5.93	5.0
SR13	10/14/2019 5:05	29.72	80.7	5.88	7.3	SR13	10/14/2019 11:05	29.49	76.4	5.59	4.3	SR13	10/14/2019 17:05	29.40	79.7	5.84	6.1	SR13	10/14/2019 23:05	29.23	80.6	5.91	4.6
SR13	10/14/2019 5:10	29.72	81.1	5.90	7.1	SR13	10/14/2019 11:10	29.48	75.1	5.50	4.7	SR13	10/14/2019 17:10	29.41	79.5	5.82	6.6	SR13	10/14/2019 23:10	29.24	81.5	5.97	5.3
SR13	10/14/2019 5:15	29.70	80.1	5.84	5.9	SR13	10/14/2019 11:15	29.47	77.3	5.65	4.5	SR13	10/14/2019 17:15	29.41	80.8	5.92	5.4	SR13	10/14/2019 23:15	29.21	81.5	5.97	5.4
SR13	10/14/2019 5:20	29.72	80.5	5.86	7.0	SR13	10/14/2019 11:20	29.46	77.4	5.66	4.3	SR13	10/14/2019 17:20	29.41	81.2	5.94	5.8	SR13	10/14/2019 23:20	29.22	81.0	5.93	5.5
SR13	10/14/2019 5:25	29.70	80.0	5.83	6.7	SR13	10/14/2019 11:25	29.49	76.2	5.58	4.9	SR13	10/14/2019 17:25	29.43	81.2	5.94	5.4	SR13	10/14/2019 23:25	29.21	80.9	5.93	4.4
SR13	10/14/2019 5:30	29.69	79.9	5.82	6.2	SR13	10/14/2019 11:30	29.47	76.1	5.57	5.1	SR13	10/14/2019 17:30	29.43	81.1	5.93	5.5	SR13	10/14/2019 23:30	29.19	79.8	5.86	4.5
SR13	10/14/2019 5:35	29.67	78.7	5.74	5.5	SR13	10/14/2019 11:35	29.46	76.8	5.62	4.4	SR13	10/14/2019 17:35	29.42	81.1	5.93	6.3	SR13	10/14/2019 23:35	29.20	80.0	5.87	4.6
SR13	10/14/2019 5:40	29.66	77.6	5.67	6.1	SR13	10/14/2019 11:40	29.48	77.0	5.63	3.9	SR13	10/14/2019 17:40	29.42	81.1	5.93	5.5	SR13	10/14/2019 23:40	29.21	80.4	5.89	4.7
SR13	10/14/2019 5:45	29.65	78.7	5.73	6.7	SR13	10/14/2019 11:45	29.48	76.5	5.60	4.5	SR13	10/14/2019 17:45	29.42	80.1	5.86	5.1	SR13	10/14/2019 23:45	29.22	79.9	5.86	3.8
SR13	10/14/2019 5:50	29.65	78.2	5.70	6.8	SR13	10/14/2019 11:50	29.47	77.5	5.66	4.3	SR13	10/14/2019 17:50	29.41	80.7	5.90	6.1	SR13	10/14/2019 23:50	29.21	80.6	5.91	4.0
SR13	10/14/2019 5:55	29.64	77.4	5.64	5.9	SR13	10/14/2019 11:55	29.46	78.3	5.72	4.4	SR13	10/14/2019 17:55	29.41	80.1	5.86	4.9	SR13	10/14/2019 23:55	29.21	81.7	5.99	4.3

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	10/14/2019 0:17	0.19				SR12	10/14/2019 0:17	0.30			
SR4	10/14/2019 0:37	0.19				SR12	10/14/2019 0:37	0.31			
SR4	10/14/2019 0:57	0.22				SR12	10/14/2019 0:57	0.31			
SR4	10/14/2019 1:17	0.20				SR12	10/14/2019 1:17	0.30			
SR4	10/14/2019 1:37	0.21				SR12	10/14/2019 1:37	0.32			
SR4	10/14/2019 1:57	0.21				SR12	10/14/2019 1:57	0.30			
SR4	10/14/2019 2:17	0.22				SR12	10/14/2019 2:17	0.31			
SR4	10/14/2019 2:37	0.22				SR12	10/14/2019 2:37	0.31			
SR4	10/14/2019 2:57	0.19				SR12	10/14/2019 2:57	0.31			
SR4	10/14/2019 3:17	0.21				SR12	10/14/2019 3:17	0.32			
SR4	10/14/2019 3:37	0.21				SR12	10/14/2019 3:37	0.32			
SR4	10/14/2019 3:57	0.18				SR12	10/14/2019 3:57	0.33			
SR4	10/14/2019 4:17	0.19				SR12	10/14/2019 4:17	0.32			
SR4	10/14/2019 4:37	0.20				SR12	10/14/2019 4:37	0.30			
SR4	10/14/2019 4:57	0.19				SR12	10/14/2019 4:57	0.30			
SR4	10/14/2019 5:17	0.18				SR12	10/14/2019 5:17	0.30			
SR4	10/14/2019 5:37	0.20				SR12	10/14/2019 5:37	0.27			
SR4	10/14/2019 5:57	0.18				SR12	10/14/2019 5:57	0.26			
SR4						SR12					
SR4	10/14/2019 6:37	0.18				SR12	10/14/2019 6:37	0.28			
SR4	10/14/2019 6:57	0.17				SR12	10/14/2019 6:57	0.26			
SR4	10/14/2019 7:17	0.19				SR12	10/14/2019 7:17	0.27			
SR4	10/14/2019 7:37	0.19				SR12	10/14/2019 7:37	0.27			
SR4	10/14/2019 7:57	0.17				SR12	10/14/2019 7:57	0.28			
SR4	10/14/2019 8:17	0.19				SR12	10/14/2019 8:17	0.27			
SR4	10/14/2019 8:37	0.17				SR12	10/14/2019 8:37	0.28			
SR4	10/14/2019 8:57	0.18				SR12	10/14/2019 8:57	0.27			
SR4	10/14/2019 9:17	0.19				SR12	10/14/2019 9:17	0.27			
SR4	10/14/2019 9:37	0.19				SR12	10/14/2019 9:37	0.27			
SR4	10/14/2019 9:57	0.17				SR12	10/14/2019 9:57	0.28			
SR4	10/14/2019 10:17	0.17				SR12	10/14/2019 10:17	0.28			
SR4						SR12	10/14/2019 10:37	0.28			
SR4						SR12	10/14/2019 10:57	0.27			
SR4						SR12	10/14/2019 11:17	0.28			
SR4						SR12	10/14/2019 11:37	0.27			
SR4						SR12	10/14/2019 11:57	0.27			
SR4	10/14/2019 12:17	0.18				SR12	10/14/2019 12:17	0.27			
SR4	10/14/2019 12:37	0.18				SR12					
SR4	10/14/2019 12:57	0.16				SR12					
SR4	10/14/2019 13:17	0.16				SR12					
SR4	10/14/2019 13:37	0.17				SR12					
SR4	10/14/2019 13:57	0.16				SR12					
SR4	10/14/2019 14:17	0.19				SR12					
SR4	10/14/2019 14:37	0.16				SR12					
SR4	10/14/2019 14:57	0.19				SR12					
SR4	10/14/2019 15:17	0.19				SR12	10/14/2019 15:17	0.24			
SR4	10/14/2019 15:37	0.18				SR12	10/14/2019 15:37	0.22			
SR4	10/14/2019 15:57	0.19				SR12	10/14/2019 15:57	0.23			
SR4	10/14/2019 16:17	0.16				SR12	10/14/2019 16:17	0.22			
SR4	10/14/2019 16:37	0.18				SR12	10/14/2019 16:37	0.21			
SR4	10/14/2019 16:57	0.17				SR12	10/14/2019 16:57	0.19			
SR4	10/14/2019 17:17	0.19				SR12	10/14/2019 17:17	0.19			
SR4	10/14/2019 17:37	0.19				SR12	10/14/2019 17:37	0.22			
SR4	10/14/2019 17:57	0.19				SR12	10/14/2019 17:57	0.23			
SR4	10/14/2019 18:17	0.18				SR12	10/14/2019 18:17	0.23			
SR4	10/14/2019 18:37	0.16				SR12	10/14/2019 18:37	0.19			
SR4	10/14/2019 18:57	0.16				SR12	10/14/2019 18:57	0.19			
SR4	10/14/2019 19:17	0.19				SR12	10/14/2019 19:17	0.19			
SR4	10/14/2019 19:37	0.17				SR12	10/14/2019 19:37	0.20			
SR4	10/14/2019 19:57	0.18				SR12	10/14/2019 19:57	0.20			
SR4	10/14/2019 20:17	0.16				SR12	10/14/2019 20:17	0.22			
SR4	10/14/2019 20:37	0.17				SR12	10/14/2019 20:37	0.19			
SR4	10/14/2019 20:57	0.17				SR12	10/14/2019 20:57	0.20			
SR4	10/14/2019 21:17	0.14				SR12	10/14/2019 21:17	0.20			
SR4	10/14/2019 21:37	0.15				SR12	10/14/2019 21:37	0.19			
SR4	10/14/2019 21:57	0.16				SR12	10/14/2019 21:57	0.18			
SR4	10/14/2019 22:17	0.16				SR12	10/14/2019 22:17	0.17			
SR4	10/14/2019 22:37	0.17				SR12	10/14/2019 22:37	0.20			
SR4	10/14/2019 22:57	0.15				SR12	10/14/2019 22:57	0.20			
SR4	10/14/2019 23:17	0.14				SR12	10/14/2019 23:17	0.20			
SR4	10/14/2019 23:37	0.17				SR12	10/14/2019 23:37	0.18			
SR4	10/14/2019 23:57	0.17				SR12	10/14/2019 23:57	0.19			

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 10:26-11:46.
SR12 monitoring station was under maintenance during 13:26-14:51.
SR13 monitoring station was under maintenance during 16:35-17:00.

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	10/15/2019 0:01	28.98	82.6	5.68	3.2	SR4	10/15/2019 6:01	28.91	80.5	5.57	3.8	SR4	10/15/2019 12:01	29.27	88.9	6.11	2.8	SR4	10/15/2019 18:01	29.03	88.0	6.08	4.8
SR4	10/15/2019 0:06	28.98	82.1	5.65	2.4	SR4	10/15/2019 6:06	28.93	81.8	5.65	4.2	SR4	10/15/2019 12:06	29.24	87.7	6.04	2.3	SR4	10/15/2019 18:06	29.03	87.7	6.06	4.3
SR4	10/15/2019 0:11	28.96	84.2	5.80	**28.0**	SR4	10/15/2019 6:11	28.90	81.8	5.65	3.6	SR4	10/15/2019 12:11	29.14	88.0	6.07	3.7	SR4	10/15/2019 18:11	28.99	84.5	5.84	8.3
SR4	10/15/2019 0:16	28.97	82.8	5.70	2.7	SR4	10/15/2019 6:16	28.88	80.6	5.58	3.4	SR4	10/15/2019 12:16	29.20	88.6	6.11	2.9	SR4	10/15/2019 18:16	29.02	86.9	6.00	4.2
SR4	10/15/2019 0:21	28.98	83.1	5.72	2.8	SR4	10/15/2019 6:21	28.88	82.1	5.68	3.5	SR4	10/15/2019 12:21	29.34	90.2	6.20	1.7	SR4	10/15/2019 18:21	28.98	86.5	5.98	3.9
SR4	10/15/2019 0:26	28.97	82.9	5.70	3.8	SR4	10/15/2019 6:26	28.85	86.9	6.01	4.1	SR4	10/15/2019 12:26	29.16	86.8	5.99	2.8	SR4	10/15/2019 18:26	28.98	86.4	5.96	3.9
SR4	10/15/2019 0:31	28.98	85.4	5.88	4.0	SR4	10/15/2019 6:31	28.85	86.8	6.00	3.6	SR4	10/15/2019 12:31	29.30	89.1	6.12	6.1	SR4	10/15/2019 18:31	28.98	88.9	6.14	3.9
SR4	10/15/2019 0:36	28.97	84.1	5.81	3.1	SR4	10/15/2019 6:36	28.85	85.6	5.93	3.5	SR4	10/15/2019 12:36	29.34	89.8	6.18	3.1	SR4	10/15/2019 18:36	28.98	88.3	6.10	3.5
SR4	10/15/2019 0:41	28.99	85.2	5.89	3.5	SR4	10/15/2019 6:41	28.83	90.2	6.25	4.0	SR4	10/15/2019 12:41	29.39	89.0	6.12	2.2	SR4	10/15/2019 18:41	28.99	91.4	6.31	4.6
SR4	10/15/2019 0:46	28.98	84.6	5.86	3.3	SR4	10/15/2019 6:46	28.84	87.4	6.06	4.0	SR4	10/15/2019 12:46	29.42	89.6	6.16	2.1	SR4	10/15/2019 18:46	28.97	87.6	6.05	3.3
SR4	10/15/2019 0:51	28.98	84.2	5.82	3.1	SR4	10/15/2019 6:51	28.84	85.8	5.94	3.6	SR4	10/15/2019 12:51	29.36	89.7	6.16	3.2	SR4	10/15/2019 18:51	28.97	87.1	6.01	4.0
SR4	10/15/2019 0:56	28.98	81.7	5.65	2.5	SR4	10/15/2019 6:56	28.86	85.6	5.92	4.5	SR4	10/15/2019 12:56	29.18	87.3	6.01	2.9	SR4	10/15/2019 18:56	28.96	87.3	6.02	4.1
SR4	10/15/2019 1:01	28.93	79.4	5.50	2.1	SR4	10/15/2019 7:01	28.86	87.9	6.08	4.4	SR4	10/15/2019 13:01	29.27	88.3	6.07	2.8	SR4	10/15/2019 19:01	28.96	88.3	6.11	4.3
SR4	10/15/2019 1:06	28.92	71.1	4.92	1.6	SR4	10/15/2019 7:06	28.86	88.3	6.11	5.1	SR4	10/15/2019 13:06	29.17	88.0	6.07	3.6	SR4	10/15/2019 19:06	28.96	85.7	5.92	3.7
SR4	10/15/2019 1:11	28.93	72.7	5.03	2.5	SR4	10/15/2019 7:11	28.85	86.3	5.96	4.0	SR4	10/15/2019 13:11	29.16	86.6	5.98	2.8	SR4	10/15/2019 19:11	28.96	86.9	6.01	4.9
SR4	10/15/2019 1:16	28.93	78.2	5.41	2.1	SR4	10/15/2019 7:16	28.85	88.4	6.12	5.3	SR4	10/15/2019 13:16	29.30	88.8	6.11	2.5	SR4	10/15/2019 19:16	28.97	83.4	5.75	4.5
SR4	10/15/2019 1:21	28.91	80.0	5.54	2.4	SR4	10/15/2019 7:21	28.86	89.6	6.19	6.7	SR4	10/15/2019 13:21	29.28	87.7	6.05	2.9	SR4	10/15/2019 19:21	28.97	85.6	5.88	5.2
SR4	10/15/2019 1:26	28.92	81.5	5.62	5.4	SR4	10/15/2019 7:26	28.85	88.8	6.14	4.6	SR4	10/15/2019 13:26	29.23	87.5	6.02	2.5	SR4	10/15/2019 19:26	28.96	82.6	5.68	4.5
SR4	10/15/2019 1:31	28.91	78.9	5.45	1.9	SR4	10/15/2019 7:31	28.85	88.4	6.13	4.3	SR4	10/15/2019 13:31	29.41	87.9	6.04	2.8	SR4	10/15/2019 19:31	28.95	84.0	5.77	4.7
SR4	10/15/2019 1:36	28.87	78.3	5.41	1.9	SR4	10/15/2019 7:36	28.84	87.6	6.07	4.3	SR4	10/15/2019 13:36	29.45	88.3	6.06	1.9	SR4	10/15/2019 19:36	28.95	85.0	5.84	4.3
SR4	10/15/2019 1:41	28.86	81.7	5.64	2.8	SR4	10/15/2019 7:41	28.86	88.0	6.10	4.3	SR4	10/15/2019 13:41	29.43	88.4	6.07	2.3	SR4	10/15/2019 19:41	28.95	85.7	5.89	3.4
SR4	10/15/2019 1:46	28.90	81.0	5.59	2.4	SR4	10/15/2019 7:46	28.86	86.8	6.01	4.0	SR4	10/15/2019 13:46	29.38	87.3	6.00	2.1	SR4	10/15/2019 19:46	28.95	86.3	5.93	4.4
SR4	10/15/2019 1:51	28.89	82.9	5.72	3.0	SR4	10/15/2019 7:51	28.84	85.9	5.95	4.1	SR4	10/15/2019 13:51	29.46	87.3	5.99	2.0	SR4	10/15/2019 19:51	28.95	87.7	6.04	5.4
SR4	10/15/2019 1:56	28.88	81.1	5.59	2.0	SR4	10/15/2019 7:56	28.85	85.7	5.93	4.0	SR4	10/15/2019 13:56	29.14	84.5	5.83	3.2	SR4	10/15/2019 19:56	28.95	88.7	6.10	8.4
SR4	10/15/2019 2:01	28.88	83.8	5.78	2.3	SR4	10/15/2019 8:01	28.85	88.4	6.12	5.1	SR4	10/15/2019 14:01	29.41	78.7	5.41	1.0	SR4	10/15/2019 20:01	28.95	87.1	5.99	3.9
SR4	10/15/2019 2:06	28.86	80.6	5.57	2.0	SR4	10/15/2019 8:06	28.86	86.9	6.02	4.8	SR4	10/15/2019 14:06	29.33	84.8	5.82	2.1	SR4	10/15/2019 20:06	28.93	87.3	6.04	3.7
SR4	10/15/2019 2:11	28.90	82.3	5.69	2.3	SR4	10/15/2019 8:11	28.85	87.4	6.05	4.5	SR4	10/15/2019 14:11	29.25	84.5	5.82	2.6	SR4	10/15/2019 20:11	28.93	83.0	5.74	**22.9**
SR4	10/15/2019 2:16	28.85	81.1	5.62	2.1	SR4	10/15/2019 8:16	28.86	85.4	5.92	4.3	SR4	10/15/2019 14:16	29.26	83.0	5.71	2.6	SR4	10/15/2019 20:16	28.93	84.4	5.83	4.2
SR4	10/15/2019 2:21	28.87	79.7	5.52	2.1	SR4	10/15/2019 8:21	28.86	86.0	5.95	3.9	SR4	10/15/2019 14:21	29.33	77.6	5.33	4.0	SR4	10/15/2019 20:21	28.92	84.4	5.83	3.2
SR4	10/15/2019 2:26	28.90	80.3	5.56	1.9	SR4	10/15/2019 8:26	28.86	86.3	5.98	4.0	SR4	10/15/2019 14:26	29.33	78.0	5.36	3.3	SR4	10/15/2019 20:26	28.92	83.7	5.78	2.7
SR4	10/15/2019 2:31	28.92	81.5	5.64	2.8	SR4	10/15/2019 8:31	28.85	86.9	6.02	4.0	SR4	10/15/2019 14:31	29.23	81.5	5.59	2.7	SR4	10/15/2019 20:31	28.93	82.3	5.68	3.8
SR4	10/15/2019 2:36	28.93	83.7	5.78	3.8	SR4	10/15/2019 8:36	28.85	88.7	6.14	5.1	SR4	10/15/2019 14:36	29.21	84.5	5.82	3.7	SR4	10/15/2019 20:36	28.93	81.4	5.60	2.6
SR4	10/15/2019 2:41	28.93	83.3	5.76	3.2	SR4	10/15/2019 8:41	28.86	85.7	5.93	3.8	SR4	10/15/2019 14:41	29.19	87.6	6.04	4.1	SR4	10/15/2019 20:41	28.94	82.8	5.69	3.6
SR4	10/15/2019 2:46	28.93	81.8	5.65	3.5	SR4	10/15/2019 8:46	28.86	85.0	5.89	3.8	SR4	10/15/2019 14:46	29.19	84.4	5.83	2.9	SR4	10/15/2019 20:46	28.94	82.6	5.68	5.4
SR4	10/15/2019 2:51	28.93	82.6	5.71	3.3	SR4	10/15/2019 8:51	28.84	84.0	5.82	3.5	SR4	10/15/2019 14:51	29.18	84.3	5.81	2.9	SR4	10/15/2019 20:51	28.94	83.4	5.74	6.8
SR4	10/15/2019 2:56	28.94	80.3	5.56	3.6	SR4	10/15/2019 8:56	28.84	82.8	5.74	3.0	SR4	10/15/2019 14:56	29.21	82.7	5.70	2.2	SR4	10/15/2019 20:56	28.94	82.7	5.69	5.7
SR4	10/15/2019 3:01	28.94	80.8	5.59	4.5	SR4	10/15/2019 9:01	28.87	83.7	5.80	5.0	SR4	10/15/2019 15:01	29.24	84.2	5.80	2.9	SR4	10/15/2019 21:01	28.94	82.7	5.69	5.5
SR4	10/15/2019 3:06	28.94	81.2	5.62	3.8	SR4	10/15/2019 9:06	28.87	84.4	5.84	5.9	SR4	10/15/2019 15:06	29.26	80.0	5.52	2.2	SR4	10/15/2019 21:06	28.94	83.0	5.71	4.5
SR4	10/15/2019 3:11	28.94	83.5	5.76	**17.4**	SR4	10/15/2019 9:11	28.87	84.5	5.84	4.3	SR4	10/15/2019 15:11	29.24	82.1	5.66	3.4	SR4	10/15/2019 21:11	28.93	83.6	5.75	5.8
SR4	10/15/2019 3:16	28.95	83.0	5.74	5.1	SR4	10/15/2019 9:16	28.88	83.4	5.77	5.1	SR4	10/15/2019 15:16	29.21	82.2	5.68	3.5	SR4	10/15/2019 21:16	28.92	83.1	5.72	4.3
SR4	10/15/2019 3:21	28.95	82.6	5.71	4.3	SR4	10/15/2019 9:21	28.88	82.5	5.70	4.8	SR4	10/15/2019 15:21	29.21	81.4	5.62	2.6	SR4	10/15/2019 21:21	28.92	83.0	5.71	4.0
SR4	10/15/2019 3:26	28.95	80.7	5.59	3.9	SR4	10/15/2019 9:26	28.89	83.5	5.77	4.5	SR4	10/15/2019 15:26	29.20	79.1	5.46	2.1	SR4	10/15/2019 21:26	28.90	84.0	5.77	6.1
SR4	10/15/2019 3:31	28.90	75.2	5.22	3.1	SR4	10/15/2019 9:31	28.89	84.2	5.80	3.6	SR4	10/15/2019 15:31	29.17	80.7	5.57	3.0	SR4	10/15/2019 21:31	28.92	83.6	5.76	5.1
SR4	10/15/2019 3:36	28.95	79.6	5.51	3.6	SR4	10/15/2019 9:36	28.90	82.9	5.71	4.1	SR4	10/15/2019 15:36	29.19	81.7	5.64	2.7	SR4	10/15/2019 21:36	28.89	79.8	5.52	3.3
SR4	10/15/2019 3:41	28.96	78.4	5.42	4.0	SR4	10/15/2019 9:41	28.90	84.0	5.77	4.5	SR4	10/15/2019 15:41	29.18	81.3	5.60	2.6	SR4	10/15/2019 21:41	28.90	78.5	5.42	4.7
SR4	10/15/2019 3:46	28.97	81.9	5.66	4.7	SR4	10/15/2019 9:46	28.92	85.0	5.84	3.6	SR4	10/15/2019 15:46	29.17	73.9	5.10	2.0	SR4	10/15/2019 21:46	28.91	78.5	5.42	3.3
SR4	10/15/2019 3:51	28.98	84.3	5.83	5.6	SR4	10/15/2019 9:51	28.94	84.5	5.82	4.0	SR4	10/15/2019 15:51	29.21	78.2	5.36	2.2	SR4	10/15/2019 21:51	28.93	80.5	5.56	3.8
SR4	10/15/2019 3:56	28.98	84.1	5.82	5.2	SR4	10/15/2019 9:56	28.95	84.6	5.82	2.5	SR4	10/15/2019 15:56	29.07	83.5	5.74	6.1	SR4	10/15/2019 21:56	28.93	78.8	5.44	4.4
SR4	10/15/2019 4:01	28.98	83.8	5.81	4.2	SR4	10/15/2019 10:01	28.95	87.2	6.00	4.5	SR4	10/15/2019 16:01	29.06	85.7	5.89	6.5	SR4	10/15/2019 22:01	28.93	79.8	5.51	6.0
SR4	10/15/2019 4:06	28.98	84.2	5.82	4.3	SR4	10/15/2019 10:06	28.92	84.5	5.82	4.3	SR4	10/15/2019 16:06	29.07	83.8	5.76	4.9	SR4	10/15/2019 22:06	28.92	79.1	5.47	4.5
SR4	10/15/2019 4:11	28.98	84.1	5.81	5.5	SR4	10/15/2019 10:11	28.92	83.4	5.74	3.5	SR4	10/15/2019 16:11	29.04	86.1	5.92	5.6	SR4	10/15/2019 22:11	28.92	79.7	5.50	4.1
SR4	10/15/2019 4:16	28.98	84.0	5.80	4.9	SR4	10/15/2019 10:16	28.91	82.0	5.65	6.3	SR4	10/15/2019 16:16	29.04	86.8	5.98	5.9	SR4	10/15/2019 22:16	28.93	81.2	5.60	5.7
SR4	10/15/2019 4:21	28.97	84.9	5.86	**10.1**	SR4	10/15/2019 10:21	28.91	84.5	5.83	**15.4**	SR4	10/15/2019 16:21	29.04	85.1	5.86	6.2	SR4	10/15/2019 22:21	28.93	81.1	5.60	5.0
SR4	10/15/2019 4:26	28.96	87.5	6.04	5.3	SR4	10/15/2019 10:26	28.93	84.3	5.82	4.6	SR4	10/15/2019 16:26	29.02	91.0	6.25	7.6	SR4	10/15/2019 22:26	28.93	79.7	5.50	4.7
SR4	10/15/2019 4:31	28.96	86.0	5.94	5.9	SR4	10/15/2019 10:31	28.92	83.8	5.78	8.1	SR4	10/15/2019 16:31	29.02	87.7	6.05	4.9	SR4	10/15/2019 22:31	28.92	80.0	5.51	3.5
SR4	10/15/2019 4:36	28.96	87.1	6.01	5.6	SR4	10/15/2019 10:36	28.92	84.6	5.84	5.6	SR4	10/15/2019 16:36	29.00	87.4	6.04	4.2	SR4	10/15/2019 22:36	28.92	78.5	5.40	3.0
SR4	10/15/2019 4:41	28.95	88.0	6.08	6.1	SR4	10/15/2019 10:41	28.93	86.6	5.99	5.5	SR4	10/15/2019 16:41	29.04	86.3	5.95	3.8	SR4	10/15/2019 22:41	28.92	80.5	5.53	4.3
SR4	10/15/2019 4:46	28.94	87.2	6.02	4.7	SR4	10/15/2019 10:46	28.92	85.3	5.89	5.6	SR4	10/15/2019 16:46	29.01	86.4	5.96	3.9	SR4	10/15/2019 22:46	28.92	78.8	5.41	3.7
SR4	10/15/2019 4:51	28.94	88.0	6.08	5.0	SR4	10/15/2019 10:51	28.93	85.1	5.88	4.5	SR4	10/15/2019 16:51	29.03	83.7	5.78	4.3	SR4	10/15/2019 22:51	28.92	76.4	5.24	3.7
SR4	10/15/2019 4:56	28.93	86.1	5.95	4.5	SR4	10/15/2019 10:56	28.95	86.6	5.99	3.5	SR4	10/15/2019 16:56	29.01	87.2	6.02	6.9	SR4	10/15/2019 22:56	28.92	77.7	5.35	4.6
SR4	10/15/2019 5:01	28.93	87.1	6.01	4.7	SR4	10/15/2019 11:01	28.94	85.9	5.94	4.2	SR4	10/15/2019 17:01	29.02	84.2	5.82	4.8	SR4	10/15/2019 23:01	28.92	78.1	5.38	7.8
SR4	10/15/2019 5:06	28.93	86.3	5.96	4.0	SR4	10/15/2019 11:06	28.95	85.9	5.94	3.6	SR4	10/15/2019 17:06	28.89	80.8	5.60	4.2	SR4	10/15/2019 23:06	28.91	79.1	5.45	5.6
SR4	10/15/2019 5:11	28.92	86.9	6.01	5.0	SR4	10/15/2019 11:11	28.95	86.5	5.98	4.4	SR4	10/15/2019 17:11	28.90	83.7	5.81	4.0	SR4	10/15/2019 23:11	28.91	81.7	5.62	5.8
SR4	10/15/2019 5:16	28.93	85.9	5.93	4.0	SR4	10/15/2019 11:16	28.94	85.6	5.92	3.4	SR4	10/15/2019 17:16	28.93	85.8	5.94	5.1	SR4	10/15/2019 23:16	28.91	81.2	5.58	3.7
SR4	10/15/2019 5:21	28.71	84.6	5.86	3.4	SR4	10/15/2019 11:21	28.94	84.4	5.83	3.2	SR4	10/15/2019 17:21	29.05	82.7	5.71	3.8	SR4	10/15/2019 23:21	28.91	80.0	5.50	4.5
SR4	10/15/2019 5:26	28.72	81.8	5.65	2.8	SR4	10/15/2019 11:26	28.93	85.1	5.87	4.0	SR4	10/15/2019 17:26	29.07	85.6	5.90	4.4	SR4	10/15/2019 23:26	28.91	79.8	5.48	3.5
SR4	10/15/2019 5:31	28.77	79.5	5.48	2.8	SR4	10/15/2019 11:31	28.94	84.0	5.81	7.3	SR4	10/15/2019 17:31	28.97	81.9	5.66	3.4	SR4	10/15/2019 23:31	28.91	82.2	5.65	4.3
SR4	10/15/2019 5:36	28.73	77.7	5.38	2.7	SR4	10/15/2019 11:36	28.98	86.7	6.00	3.7	SR4	10/15/2019 17:36	29.07	85.1	5.87	4.6	SR4	10/15/2019 23:36	28.90	83.6	5.75	4.0
SR4	10/15/2019 5:41	28.80	78.9	5.45	3.1	SR4	10/15/2019 11:41	29.12	87.6	6.04	2.8	SR4	10/15/2019 17:41	29.00	82.0	5.68	3.7	SR4	10/15/2019 23:41	28.90	82.2	5.68	3.9
SR4	10/15/2019 5:46	28.85	78.5	5.41	2.8	SR4	10/15/2019 11:46	29.20	87.2	6.00	2.7	SR4	10/15/2019 17:46	29.04	83.5	5.77	4.4	SR4	10/15/2019 23:46	28.86	78.3	5.41	3.4
SR4	10/15/2019 5:51	28.71	80.5	5.59	3.2	SR4	10/15/2019 11:51	29.08	86.0	5.93	3.6	SR4	10/15/2019 17:51	29.05	84.3	5.82	4.5	SR4	10/15/2019 23:51	28.86	81.8	5.65	3.2
SR4	10/15/2019 5:56	28.91	80.7	5.58	3.6	SR4	10/15/2019 11:56	29.05	87.6	6.05	3.0	SR4	10/15/2019 17:56	29.03	86.3	5.95	5.7	SR4	10/15/2019 23:56	28.87	79.2	5.47	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)
SR5	10/15/2019 0:00	29.02	82.5	5.30	3.7	SR5	10/15/2019 6:00	28.72	88.7	5.79	5.3	SR5	10/15/2019 12:00	28.94	79.0	**5.07**	4.6	SR5	10/15/2019 18:00	29.07	89.5	5.79	4.6
SR5	10/15/2019 0:05	29.02	82.0	5.26	5.3	SR5	10/15/2019 6:05	28.74	89.1	5.82	6.0	SR5	10/15/2019 12:05	29.01	82.1	5.27	4.9	SR5	10/15/2019 18:05	29.06	89.3	5.78	4.5
SR5	10/15/2019 0:10	29.01	82.2	5.28	4.4	SR5	10/15/2019 6:10	28.73	90.3	5.90	6.0	SR5	10/15/2019 12:10	28.96	81.9	5.26	5.3	SR5	10/15/2019 18:10	29.10	88.7	5.73	4.1
SR5	10/15/2019 0:15	29.01	82.9	5.33	4.1	SR5	10/15/2019 6:15	28.76	89.9	5.87	4.8	SR5	10/15/2019 12:15	28.97	81.7	5.24	6.3	SR5	10/15/2019 18:15	29.13	88.6	5.72	4.1
SR5	10/15/2019 0:20	29.00	83.0	5.33	4.3	SR5	10/15/2019 6:20	28.76	89.7	5.86	4.8	SR5	10/15/2019 12:20	28.96	81.5	5.23	4.5	SR5	10/15/2019 18:20	29.11	88.5	5.72	4.5
SR5	10/15/2019 0:25	29.00	83.5	5.37	3.6	SR5	10/15/2019 6:25	28.79	88.7	5.78	4.7	SR5	10/15/2019 12:25	28.98	81.7	5.25	4.0	SR5	10/15/2019 18:25	29.14	87.4	5.64	3.8
SR5	10/15/2019 0:30	28.98	83.3	5.36	3.4	SR5	10/15/2019 6:30	28.79	88.2	5.75	4.8	SR5	10/15/2019 12:30	28.99	81.5	5.24	5.1	SR5	10/15/2019 18:30	29.12	86.8	5.60	5.0
SR5	10/15/2019 0:35	28.98	83.4	5.36	4.1	SR5	10/15/2019 6:35	28.79	88.1	5.74	5.0	SR5	10/15/2019 12:35	28.98	81.8	5.25	5.7	SR5	10/15/2019 18:35	29.09	86.7	5.60	4.3
SR5	10/15/2019 0:40	28.99	83.0	5.34	3.4	SR5	10/15/2019 6:40	28.72	88.6	5.78	4.8	SR5	10/15/2019 12:40	29.01	82.0	5.26	4.6	SR5	10/15/2019 18:40	29.11	86.7	5.60	4.9
SR5	10/15/2019 0:45	28.99	82.8	5.32	4.4	SR5	10/15/2019 6:45	28.72	87.6	5.72	5.2	SR5	10/15/2019 12:45	29.03	82.2	5.28	5.3	SR5	10/15/2019 18:45	29.14	87.2	5.63	4.0
SR5	10/15/2019 0:50	29.00	83.0	5.33	4.2	SR5	10/15/2019 6:50	28.73	88.0	5.75	5.0	SR5	10/15/2019 12:50	29.04	82.7	5.31	3.9	SR5	10/15/2019 18:50	29.14	86.7	5.59	4.8
SR5	10/15/2019 0:55	29.00	83.2	5.35	3.7	SR5	10/15/2019 6:55	28.76	87.4	5.70	4.5	SR5	10/15/2019 12:55	29.01	82.3	5.28	4.5	SR5	10/15/2019 18:55	29.13	86.3	5.57	4.2
SR5	10/15/2019 1:00	29.01	83.0	5.34	5.0	SR5	10/15/2019 7:00	28.81	87.0	5.66	4.6	SR5	10/15/2019 13:00	29.04	82.3	5.28	4.9	SR5	10/15/2019 19:00	29.12	85.8	5.54	4.1
SR5	10/15/2019 1:05	29.01	82.8	5.32	5.1	SR5	10/15/2019 7:05	28.82	86.8	5.65	4.4	SR5	10/15/2019 13:05	29.07	83.5	5.36	5.2	SR5	10/15/2019 19:05	29.13	85.1	5.49	4.8
SR5	10/15/2019 1:10	29.00	83.0	5.34	4.1	SR5	10/15/2019 7:10	28.79	86.6	5.64	4.3	SR5	10/15/2019 13:10	29.11	83.3	5.34	4.9	SR5	10/15/2019 19:10	29.10	87.1	5.62	4.6
SR5	10/15/2019 1:15	29.02	83.2	5.35	3.9	SR5	10/15/2019 7:15	28.74	86.7	5.66	4.4	SR5	10/15/2019 13:15	29.07	83.5	5.36	4.2	SR5	10/15/2019 19:15	29.12	87.2	5.62	4.6
SR5	10/15/2019 1:20	29.02	82.7	5.32	4.1	SR5	10/15/2019 7:20	28.83	86.8	5.65	4.8	SR5	10/15/2019 13:20	29.05	83.0	5.33	4.3	SR5	10/15/2019 19:20	29.08	85.7	5.53	4.7
SR5	10/15/2019 1:25	29.01	82.9	5.33	4.9	SR5	10/15/2019 7:25	28.89	85.6	5.55	5.9	SR5	10/15/2019 13:25	29.08	82.7	5.31	5.1	SR5	10/15/2019 19:25	29.13	84.2	5.43	4.1
SR5	10/15/2019 1:30	29.02	83.0	5.33	3.5	SR5	10/15/2019 7:30	28.93	85.2	5.52	4.4	SR5	10/15/2019 13:30	29.06	82.9	5.32	4.8	SR5	10/15/2019 19:30	29.12	84.2	5.43	4.2
SR5	10/15/2019 1:35	29.02	83.2	5.35	3.8	SR5	10/15/2019 7:35	28.93	84.2	5.45	3.9	SR5	10/15/2019 13:35	29.06	82.7	5.31	4.7	SR5	10/15/2019 19:35	29.13	84.3	5.44	4.2
SR5	10/15/2019 1:40	29.01	82.8	5.32	3.5	SR5	10/15/2019 7:40	28.94	84.4	5.47	6.3	SR5	10/15/2019 13:40	29.01	82.1	5.27	4.6	SR5	10/15/2019 19:40	29.11	84.0	5.41	4.7
SR5	10/15/2019 1:45	29.01	83.4	5.37	4.7	SR5	10/15/2019 7:45	28.92	83.3	5.40	4.1	SR5	10/15/2019 13:45	29.02	82.6	5.30	7.2	SR5	10/15/2019 19:45	29.07	83.2	5.36	4.2
SR5	10/15/2019 1:50	29.00	84.0	5.41	4.1	SR5	10/15/2019 7:50	28.89	83.2	5.39	5.0	SR5	10/15/2019 13:50	29.02	82.0	5.28	5.2	SR5	10/15/2019 19:50	29.06	82.4	5.30	4.3
SR5	10/15/2019 1:55	29.00	84.2	5.43	4.8	SR5	10/15/2019 7:55	28.91	83.5	5.40	4.9	SR5	10/15/2019 13:55	29.02	82.6	5.30	4.7	SR5	10/15/2019 19:55	29.06	82.2	5.29	4.3
SR5	10/15/2019 2:00	29.00	84.6	5.47	3.8	SR5	10/15/2019 8:00	28.92	82.4	5.32	4.7	SR5	10/15/2019 14:00	29.04	82.7	5.32	3.9	SR5	10/15/2019 20:00	29.06	82.3	5.31	4.3
SR5	10/15/2019 2:05	28.96	84.9	5.49	4.9	SR5	10/15/2019 8:05	28.92	82.7	5.35	4.2	SR5	10/15/2019 14:05	29.07	83.5	5.37	4.6	SR5	10/15/2019 20:05	29.05	82.0	5.27	4.3
SR5	10/15/2019 2:10	28.96	84.5	5.45	4.4	SR5	10/15/2019 8:10	28.92	82.8	5.37	5.5	SR5	10/15/2019 14:10	29.05	83.4	5.36	4.7	SR5	10/15/2019 20:10	29.05	81.8	5.26	4.4
SR5	10/15/2019 2:15	28.90	86.4	5.59	4.9	SR5	10/15/2019 8:15	28.93	82.2	5.30	4.7	SR5	10/15/2019 14:15	29.10	84.2	5.41	4.3	SR5	10/15/2019 20:15	29.04	81.6	5.25	4.1
SR5	10/15/2019 2:20	28.88	86.4	5.59	3.7	SR5	10/15/2019 8:20	28.94	81.7	5.27	4.9	SR5	10/15/2019 14:20	29.08	83.7	5.38	4.6	SR5	10/15/2019 20:20	29.05	81.5	5.24	4.5
SR5	10/15/2019 2:25	28.85	86.9	5.63	4.6	SR5	10/15/2019 8:25	28.94	81.7	5.27	4.8	SR5	10/15/2019 14:25	29.24	87.0	5.59	4.3	SR5	10/15/2019 20:25	29.04	81.4	5.24	4.4
SR5	10/15/2019 2:30	28.92	86.4	5.59	5.2	SR5	10/15/2019 8:30	28.94	81.2	5.23	5.5	SR5	10/15/2019 14:30	29.27	88.0	5.66	4.7	SR5	10/15/2019 20:30	29.04	80.9	5.66	3.8
SR5	10/15/2019 2:35	28.93	86.8	5.61	5.0	SR5	10/15/2019 8:35	28.94	81.3	5.24	5.0	SR5	10/15/2019 14:35	29.24	87.1	5.60	4.2	SR5	10/15/2019 20:35	29.03	80.6	5.64	4.1
SR5	10/15/2019 2:40	28.96	87.1	5.63	4.8	SR5	10/15/2019 8:40	28.94	81.5	5.25	5.3	SR5	10/15/2019 14:40	29.22	86.9	5.59	5.5	SR5	10/15/2019 20:40	29.03	78.0	5.44	4.8
SR5	10/15/2019 2:45	28.97	86.6	5.60	4.6	SR5	10/15/2019 8:45	28.94	81.4	5.71	5.9	SR5	10/15/2019 14:45	29.22	86.9	5.59	4.1	SR5	10/15/2019 20:45	29.02	78.7	5.50	4.1
SR5	10/15/2019 2:50	28.96	86.9	5.62	4.6	SR5	10/15/2019 8:50	28.94	81.0	5.67	5.0	SR5	10/15/2019 14:50	29.16	86.1	5.54	4.9	SR5	10/15/2019 20:50	29.02	77.2	5.38	3.9
SR5	10/15/2019 2:55	28.95	87.0	5.63	4.1	SR5	10/15/2019 8:55	28.94	79.8	5.58	4.6	SR5	10/15/2019 14:55	29.19	87.1	5.62	5.3	SR5	10/15/2019 20:55	29.01	77.6	5.41	4.5
SR5	10/15/2019 3:00	28.96	86.5	5.60	4.7	SR5	10/15/2019 9:00	28.94	79.1	5.53	4.2	SR5	10/15/2019 15:00	29.26	88.2	5.68	4.9	SR5	10/15/2019 21:00	29.01	80.0	5.59	5.0
SR5	10/15/2019 3:05	28.87	87.6	5.68	4.4	SR5	10/15/2019 9:05	28.94	80.3	5.61	5.6	SR5	10/15/2019 15:05	29.23	88.0	5.66	4.4	SR5	10/15/2019 21:05	29.01	77.7	5.42	4.5
SR5	10/15/2019 3:10	28.91	87.7	5.69	4.3	SR5	10/15/2019 9:10	28.94	79.4	5.55	3.6	SR5	10/15/2019 15:10	29.22	88.0	5.66	4.0	SR5	10/15/2019 21:10	29.01	79.9	5.59	4.3
SR5	10/15/2019 3:15	28.83	89.2	5.80	4.0	SR5	10/15/2019 9:15	28.94	79.7	5.57	4.7	SR5	10/15/2019 15:15	29.21	86.8	5.59	4.4	SR5	10/15/2019 21:15	29.01	77.9	5.43	4.5
SR5	10/15/2019 3:20	28.82	88.9	5.78	3.3	SR5	10/15/2019 9:20	28.95	79.5	5.56	4.0	SR5	10/15/2019 15:20	29.22	85.9	5.52	4.2	SR5	10/15/2019 21:20	29.01	78.5	5.48	4.9
SR5	10/15/2019 3:25	28.79	89.8	5.85	3.8	SR5	10/15/2019 9:25	28.95	81.7	5.73	5.6	SR5	10/15/2019 15:25	29.19	86.5	5.57	3.9	SR5	10/15/2019 21:25	29.00	79.4	5.55	5.0
SR5	10/15/2019 3:30	28.81	89.9	5.86	5.5	SR5	10/15/2019 9:30	28.94	79.5	5.56	4.5	SR5	10/15/2019 15:30	29.18	87.0	5.61	4.8	SR5	10/15/2019 21:30	29.00	78.0	5.44	4.2
SR5	10/15/2019 3:35	28.80	89.7	5.85	4.2	SR5	10/15/2019 9:35	28.94	79.7	5.58	5.1	SR5	10/15/2019 15:35	29.19	86.2	5.55	4.4	SR5	10/15/2019 21:35	29.00	77.3	5.39	4.2
SR5	10/15/2019 3:40	28.76	90.5	5.90	5.7	SR5	10/15/2019 9:40	28.95	79.4	5.56	5.8	SR5	10/15/2019 15:40	29.19	86.8	5.59	5.3	SR5	10/15/2019 21:40	28.99	79.3	5.54	4.2
SR5	10/15/2019 3:45	28.80	90.2	5.89	4.2	SR5	10/15/2019 9:45	28.95	81.0	5.69	5.3	SR5	10/15/2019 15:45	29.18	88.9	5.73	3.4	SR5	10/15/2019 21:45	28.99	79.0	5.52	4.0
SR5	10/15/2019 3:50	28.78	90.2	5.88	4.5	SR5	10/15/2019 9:50	28.94	78.7	5.50	5.5	SR5	10/15/2019 15:50	29.19	88.2	5.69	5.3	SR5	10/15/2019 21:50	28.99	76.5	5.33	4.9
SR5	10/15/2019 3:55	28.82	90.0	5.86	4.6	SR5	10/15/2019 9:55	28.95	79.5	5.56	4.3	SR5	10/15/2019 15:55	29.20	88.7	5.72	5.1	SR5	10/15/2019 21:55	28.98	79.0	5.52	4.6
SR5	10/15/2019 4:00	28.84	89.5	5.82	3.7	SR5	10/15/2019 10:00	28.95	82.1	5.76	5.5	SR5	10/15/2019 16:00	29.16	88.6	5.72	4.4	SR5	10/15/2019 22:00	28.98	79.0	5.52	4.6
SR5	10/15/2019 4:05	28.84	89.7	5.84	5.0	SR5	10/15/2019 10:05	28.95	79.4	5.56	4.1	SR5	10/15/2019 16:05	29.14	88.7	5.73	4.0	SR5	10/15/2019 22:05	28.98	76.7	5.35	4.6
SR5	10/15/2019 4:10	28.84	89.6	5.83	3.9	SR5	10/15/2019 10:10	28.95	80.2	5.62	4.9	SR5	10/15/2019 16:10	29.15	88.2	5.69	5.1	SR5	10/15/2019 22:10	28.97	80.4	5.63	4.7
SR5	10/15/2019 4:15	28.81	89.7	5.84	5.6	SR5	10/15/2019 10:15	28.95	79.6	5.57	4.2	SR5	10/15/2019 16:15	29.16	87.2	5.63	3.3	SR5	10/15/2019 22:15	28.96	78.8	5.51	4.3
SR5	10/15/2019 4:20	28.83	89.4	5.82	5.0	SR5	10/15/2019 10:20	28.95	79.5	5.56	5.6	SR5	10/15/2019 16:20	29.25	88.3	5.69	4.5	SR5	10/15/2019 22:20	28.96	78.1	5.45	4.3
SR5	10/15/2019 4:25	28.84	89.0	5.80	4.9	SR5	10/15/2019 10:25	28.94	78.3	5.47	6.3	SR5	10/15/2019 16:25	29.23	87.7	5.66	3.8	SR5	10/15/2019 22:25	28.96	79.0	5.52	4.7
SR5	10/15/2019 4:30	28.83	88.8	5.78	4.6	SR5	10/15/2019 10:30	28.94	81.5	5.71	6.1	SR5	10/15/2019 16:30	29.23	87.0	5.60	5.2	SR5	10/15/2019 22:30	28.96	79.8	5.58	3.7
SR5	10/15/2019 4:35	28.85	88.6	5.76	5.1	SR5	10/15/2019 10:35	28.93	79.6	5.57	4.2	SR5	10/15/2019 16:35	29.23	86.4	5.58	5.4	SR5	10/15/2019 22:35	28.96	78.5	5.48	5.6
SR5	10/15/2019 4:40	28.83	86.9	5.66	4.5	SR5	10/15/2019 10:40	28.94	79.7	5.58	4.5	SR5	10/15/2019 16:40	29.23	86.4	5.60	4.2	SR5	10/15/2019 22:40	28.95	77.7	5.42	4.3
SR5	10/15/2019 4:45	28.80	87.3	5.69	3.8	SR5	10/15/2019 10:45	28.95	79.8	5.58	5.2	SR5	10/15/2019 16:45	29.22	86.8	5.61	5.4	SR5	10/15/2019 22:45	28.95	79.2	5.53	4.2
SR5	10/15/2019 4:50	28.83	87.6	5.70	5.3	SR5	10/15/2019 10:50	28.94	79.5	5.56	3.8	SR5	10/15/2019 16:50	29.22	87.8	5.66	5.6	SR5	10/15/2019 22:50	28.95	77.5	5.40	4.4
SR5	10/15/2019 4:55	28.82	88.5	5.77	4.0	SR5	10/15/2019 10:55	28.94	80.1	5.60	4.9	SR5	10/15/2019 16:55	29.20	88.1	5.68	4.9	SR5	10/15/2019 22:55	28.95	79.4	5.55	4.9
SR5	10/15/2019 5:00	28.83	89.0	5.80	4.3	SR5	10/15/2019 11:00	28.94	79.8	5.58	4.4	SR5	10/15/2019 17:00	29.19	88.1	5.68	3.9	SR5	10/15/2019 23:00	28.95	80.2	5.61	4.3
SR5	10/15/2019 5:05	28.82	89.2	5.81	5.6	SR5	10/15/2019 11:05	28.95	80.4	5.63	4.9	SR5	10/15/2019 17:05	29.20	87.9	5.67	4.7	SR5	10/15/2019 23:05	28.95	79.8	5.57	4.2
SR5	10/15/2019 5:10	28.84	88.8	5.78	4.1	SR5	10/15/2019 11:10	28.95	81.4	5.70	5.3	SR5	10/15/2019 17:10	29.18	87.8	5.66	4.7	SR5	10/15/2019 23:10	28.95	81.0	5.66	4.2
SR5	10/15/2019 5:15	28.85	88.7	5.78	4.7	SR5	10/15/2019 11:15	28.95	80.8	5.66	4.6	SR5	10/15/2019 17:15	29.19	87.8	5.66	4.3	SR5	10/15/2019 23:15	28.94	78.9	5.51	3.8
SR5	10/15/2019 5:20	28.83	88.7	5.77	4.8	SR5	10/15/2019 11:20	28.96	80.1	5.60	5.4	SR5	10/15/2019 17:20	29.18	87.2	5.62	5.7	SR5	10/15/2019 23:20	28.95	80.3	5.62	5.3
SR5	10/15/2019 5:25	28.81	88.3	5.75	4.5	SR5						SR5	10/15/2019 17:25	29.19	87.1	5.61	5.2	SR5	10/15/2019 23:25	28.94	80.7	5.65	4.0
SR5	10/15/2019 5:30	28.82	87.8	5.72	4.0	SR5						SR5	10/15/2019 17:30	29.18	87.2	5.63	5.8	SR5	10/15/2019 23:30	28.95	79.6	5.57	4.7
SR5	10/15/2019 5:35	28.82	87.9	5.72	4.9	SR5						SR5	10/15/2019 17:35	29.19	87.2	5.62	7.2	SR5	10/15/2019 23:35	28.95	81.3	5.70	6.2
SR5	10/15/2019 5:40	28.82	87.8	5.72	5.2	SR5						SR5	10/15/2019 17:40	29.17	87.3	5.63	6.3	SR5	10/15/2019 23:40	28.95	80.6	5.64	4.4
SR5	10/15/2019 5:45	28.81	87.5	5.70	5.8	SR5	10/15/2019 11:45	28.95	77.9	5.44	4.1	SR5	10/15/2019 17:45	29.16	87.1	5.62	4.7	SR5	10/15/2019 23:45	28.94	79.4	5.56	4.6
SR5	10/15/2019 5:50	28.80	87.1	5.68	5.3	SR5	10/15/2019 11:50	28.94	77.3	5.39	5.2	SR5	10/15/2019 17:50	29.07	88.1	5.70	4.7	SR5	10/15/2019 23:50	28.94	79.2	5.54	5.4
SR5	10/15/2019 5:55	28.72	87.9	5.74	5.2	SR5	10/15/2019 11:55	28.94	79.0	5.52	3.7	SR5	10/15/2019 17:55	29.08	89.5	5.79	4.5	SR5	10/15/2019 23:55	28.94	79.6	5.57	5.0

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	10/15/2019 0:01	29.23	78.6	5.62	6.0	SR12	10/15/2019 6:01	29.03	82.3	5.90	4.7	SR12	10/15/2019 12:01	28.69	86.9	6.23	4.9	SR12	10/15/2019 18:01	29.25	82.7	5.86	3.8
SR12	10/15/2019 0:06	29.22	78.3	5.58	6.8	SR12	10/15/2019 6:06	29.05	84.5	6.05	5.3	SR12	10/15/2019 12:06	29.12	87.7	6.28	5.6	SR12	10/15/2019 18:06	29.25	84.7	6.01	4.0
SR12	10/15/2019 0:11	29.22	79.6	5.69	6.9	SR12	10/15/2019 6:11	29.05	84.0	6.02	4.0	SR12	10/15/2019 12:11	29.12	86.3	6.19	3.7	SR12	10/15/2019 18:11	29.24	86.9	6.16	4.6
SR12	10/15/2019 0:16	29.21	77.6	5.54	5.9	SR12	10/15/2019 6:16	29.07	82.7	5.92	5.0	SR12	10/15/2019 12:16	29.13	85.3	6.12	4.3	SR12	10/15/2019 18:16	29.23	84.7	6.02	3.3
SR12	10/15/2019 0:21	29.21	78.0	5.56	6.3	SR12	10/15/2019 6:21	29.08	83.6	5.99	3.8	SR12	10/15/2019 12:21	29.10	85.4	6.13	4.7	SR12	10/15/2019 18:21	29.21	84.6	6.00	3.5
SR12	10/15/2019 0:26	29.20	78.4	5.58	6.3	SR12	10/15/2019 6:26	29.09	82.3	5.91	4.4	SR12	10/15/2019 12:26	29.13	84.7	6.09	4.0	SR12	10/15/2019 18:26	29.23	83.5	5.93	3.0
SR12	10/15/2019 0:31	29.20	78.0	5.55	6.0	SR12	10/15/2019 6:31	29.07	82.1	5.89	5.3	SR12	10/15/2019 12:31	29.14	85.6	6.15	6.0	SR12	10/15/2019 18:31	29.25	84.6	6.00	3.7
SR12	10/15/2019 0:36	29.20	77.7	5.53	6.5	SR12	10/15/2019 6:36	29.05	83.0	5.96	4.3	SR12	10/15/2019 12:36	29.13	85.0	6.09	6.4	SR12	10/15/2019 18:36	29.28	81.7	5.81	3.1
SR12	10/15/2019 0:41	29.21	77.3	5.50	6.3	SR12	10/15/2019 6:41	29.04	83.5	5.97	**13.9**	SR12	10/15/2019 12:41	29.11	86.3	6.18	5.3	SR12	10/15/2019 18:41	29.26	83.3	5.92	3.6
SR12	10/15/2019 0:46	29.23	76.7	5.45	5.9	SR12	10/15/2019 6:46	29.06	84.1	6.03	6.0	SR12	10/15/2019 12:46	29.11	85.4	6.13	5.1	SR12	10/15/2019 18:46	29.25	83.5	5.94	3.6
SR12	10/15/2019 0:51	29.21	75.0	5.35	4.9	SR12	10/15/2019 6:51	29.07	83.2	5.96	4.6	SR12	10/15/2019 12:51	29.11	84.8	6.07	4.8	SR12	10/15/2019 18:51	29.25	83.0	5.91	3.2
SR12	10/15/2019 0:56	29.23	77.7	5.53	5.8	SR12	10/15/2019 6:56	29.07	83.0	5.96	4.9	SR12	10/15/2019 12:56	29.09	85.6	6.08	5.0	SR12	10/15/2019 18:56	29.24	81.5	5.80	2.8
SR12	10/15/2019 1:01	29.23	78.3	5.56	6.3	SR12	10/15/2019 7:01	29.01	78.8	5.68	3.7	SR12	10/15/2019 13:01	29.09	86.2	6.11	4.0	SR12	10/15/2019 19:01	29.22	82.6	5.87	3.8
SR12	10/15/2019 1:06	29.24	76.0	5.42	5.7	SR12	10/15/2019 7:06	29.05	82.4	5.92	4.9	SR12	10/15/2019 13:06	29.10	85.3	6.05	4.4	SR12	10/15/2019 19:06	29.23	83.4	5.93	3.3
SR12	10/15/2019 1:11	29.24	77.6	5.54	6.6	SR12	10/15/2019 7:11	29.06	80.5	5.78	4.5	SR12	10/15/2019 13:11	29.09	86.0	6.08	5.1	SR12	10/15/2019 19:11	29.22	83.1	5.91	3.7
SR12	10/15/2019 1:16	29.24	77.6	5.54	6.6	SR12	10/15/2019 7:16	29.04	84.1	6.03	5.9	SR12	10/15/2019 13:16	29.09	86.6	6.13	3.8	SR12	10/15/2019 19:16	29.22	78.0	5.56	2.6
SR12	10/15/2019 1:21	29.23	78.2	5.58	5.3	SR12	10/15/2019 7:21	29.02	84.9	6.09	5.8	SR12	10/15/2019 13:21	29.10	86.2	6.11	4.2	SR12	10/15/2019 19:21	29.24	81.0	5.74	2.9
SR12	10/15/2019 1:26	29.22	77.4	5.53	6.6	SR12	10/15/2019 7:26	29.04	86.0	6.17	6.2	SR12	10/15/2019 13:26	29.09	86.1	6.10	3.3	SR12	10/15/2019 19:26	29.15	84.8	6.01	5.6
SR12	10/15/2019 1:31	29.22	79.3	5.66	5.8	SR12	10/15/2019 7:31	29.05	85.9	6.17	4.5	SR12	10/15/2019 13:31	29.07	87.8	6.22	5.1	SR12	10/15/2019 19:31	29.14	86.3	6.12	5.7
SR12	10/15/2019 1:36	29.21	80.2	5.73	5.4	SR12	10/15/2019 7:36	29.03	85.8	6.15	5.2	SR12	10/15/2019 13:36	29.04	85.7	6.08	4.2	SR12	10/15/2019 19:36	29.14	85.0	6.02	4.8
SR12	10/15/2019 1:41	29.21	77.3	5.52	4.8	SR12	10/15/2019 7:41	29.03	85.5	6.13	5.8	SR12	10/15/2019 13:41	29.03	85.0	6.02	4.1	SR12	10/15/2019 19:41	29.12	86.5	6.13	5.8
SR12	10/15/2019 1:46	29.19	76.8	5.49	4.7	SR12	10/15/2019 7:46	29.03	85.2	6.10	6.0	SR12	10/15/2019 13:46	29.03	84.0	5.96	6.3	SR12	10/15/2019 19:46	29.11	87.0	6.17	5.8
SR12	10/15/2019 1:51	29.18	75.6	5.39	4.2	SR12	10/15/2019 7:51	29.01	85.7	6.13	9.1	SR12	10/15/2019 13:51	29.04	85.7	6.08	**12.7**	SR12	10/15/2019 19:51	29.11	85.9	6.09	5.8
SR12	10/15/2019 1:56	29.17	76.7	5.46	5.2	SR12	10/15/2019 7:56	28.98	87.5	6.26	5.2	SR12	10/15/2019 13:56	29.06	85.6	6.08	5.1	SR12	10/15/2019 19:56	29.09	90.0	6.36	7.2
SR12	10/15/2019 2:01	29.13	76.1	5.43	3.9	SR12	10/15/2019 8:01	28.99	87.4	6.26	6.7	SR12	10/15/2019 14:01	29.06	85.1	6.04	7.0	SR12	10/15/2019 20:01	29.09	87.7	6.22	4.8
SR12	10/15/2019 2:06	29.14	77.6	5.54	4.2	SR12	10/15/2019 8:06	28.99	87.4	6.25	5.8	SR12	10/15/2019 14:06	29.06	85.5	6.07	6.0	SR12	10/15/2019 20:06	29.08	87.3	6.21	4.4
SR12	10/15/2019 2:11	29.14	76.1	5.43	3.8	SR12	10/15/2019 8:11	28.99	88.1	6.31	6.7	SR12	10/15/2019 14:11	29.07	87.1	6.19	5.6	SR12	10/15/2019 20:11	29.10	86.7	6.16	3.8
SR12	10/15/2019 2:16	29.13	77.7	5.54	4.6	SR12	10/15/2019 8:16	28.98	87.2	6.24	5.3	SR12	10/15/2019 14:16	29.07	86.3	6.13	5.5	SR12	10/15/2019 20:16	29.07	86.8	6.16	4.4
SR12	10/15/2019 2:21	29.14	76.3	5.44	4.2	SR12	10/15/2019 8:21	28.98	87.9	6.29	5.8	SR12	10/15/2019 14:21	29.07	86.1	6.12	5.0	SR12	10/15/2019 20:21	29.08	84.8	6.04	4.1
SR12	10/15/2019 2:26	29.11	73.9	5.29	3.5	SR12	10/15/2019 8:26	28.98	87.7	6.28	5.1	SR12	10/15/2019 14:26	29.07	87.2	6.20	4.5	SR12	10/15/2019 20:26	29.06	87.4	6.21	6.2
SR12	10/15/2019 2:31	29.12	74.5	5.31	4.1	SR12	10/15/2019 8:31	28.99	87.2	6.24	4.5	SR12	10/15/2019 14:31	29.07	86.7	6.17	5.0	SR12	10/15/2019 20:31	29.06	85.3	6.07	4.9
SR12	10/15/2019 2:36	29.13	77.9	5.58	4.2	SR12	10/15/2019 8:36	28.99	87.4	6.25	5.3	SR12	10/15/2019 14:36	29.09	86.8	6.17	3.8	SR12	10/15/2019 20:36	28.97	83.0	5.92	4.9
SR12	10/15/2019 2:41	29.12	77.6	5.54	4.0	SR12	10/15/2019 8:41	28.99	87.8	6.29	4.7	SR12	10/15/2019 14:41	29.09	87.3	6.21	4.9	SR12	10/15/2019 20:41	28.97	85.0	6.07	4.0
SR12	10/15/2019 2:46	29.13	78.7	5.63	4.7	SR12	10/15/2019 8:46	29.04	86.7	6.21	4.3	SR12	10/15/2019 14:46	29.08	86.5	6.15	4.1	SR12	10/15/2019 20:46	28.98	86.5	6.16	5.0
SR12	10/15/2019 2:51	29.11	82.2	5.87	5.3	SR12	10/15/2019 8:51	28.90	85.6	6.14	3.8	SR12	10/15/2019 14:51	29.08	85.7	6.09	3.9	SR12	10/15/2019 20:51	29.07	84.2	5.99	4.4
SR12	10/15/2019 2:56	29.11	80.9	5.78	4.9	SR12	10/15/2019 8:56	28.91	83.3	5.97	3.7	SR12	10/15/2019 14:56	29.08	86.0	6.11	4.7	SR12	10/15/2019 20:56	29.07	86.2	6.12	4.4
SR12	10/15/2019 3:01	29.11	80.9	5.79	4.2	SR12	10/15/2019 9:01	28.95	81.6	5.84	4.4	SR12	10/15/2019 15:01	29.08	85.4	6.07	6.3	SR12	10/15/2019 21:01	28.99	83.6	5.95	3.7
SR12	10/15/2019 3:06	29.11	80.9	5.78	4.6	SR12	10/15/2019 9:06	28.93	80.5	5.79	3.2	SR12	10/15/2019 15:06	29.12	87.2	6.20	3.9	SR12	10/15/2019 21:06	29.05	85.8	6.10	4.4
SR12	10/15/2019 3:11	29.10	82.4	5.88	4.4	SR12	10/15/2019 9:11	28.98	81.8	5.87	3.7	SR12	10/15/2019 15:11	29.22	87.8	6.23	3.9	SR12	10/15/2019 21:11	28.99	83.6	5.96	4.0
SR12	10/15/2019 3:16	29.11	80.6	5.75	4.5	SR12	10/15/2019 9:16	29.01	81.3	5.83	4.6	SR12	10/15/2019 15:16	29.28	87.3	6.18	3.5	SR12	10/15/2019 21:16	29.01	84.6	6.02	4.6
SR12	10/15/2019 3:21	29.12	79.2	5.66	**10.8**	SR12	10/15/2019 9:21	28.91	82.7	5.95	3.4	SR12	10/15/2019 15:21	29.19	86.4	6.13	3.9	SR12	10/15/2019 21:21	29.01	85.2	6.05	4.9
SR12	10/15/2019 3:26	29.13	80.3	5.73	3.9	SR12	10/15/2019 9:26	29.05	82.7	5.93	3.8	SR12	10/15/2019 15:26	29.17	87.5	6.22	3.5	SR12	10/15/2019 21:26	28.99	86.6	6.15	5.0
SR12	10/15/2019 3:31	29.13	81.5	5.81	4.3	SR12	10/15/2019 9:31	29.05	82.7	5.94	4.9	SR12	10/15/2019 15:31	29.32	88.3	6.25	3.7	SR12	10/15/2019 21:31	28.99	87.7	6.23	5.1
SR12	10/15/2019 3:36	29.12	82.0	5.85	3.8	SR12	10/15/2019 9:36	29.06	83.5	5.99	5.1	SR12	10/15/2019 15:36	29.30	87.5	6.20	2.8	SR12	10/15/2019 21:36	28.98	87.6	6.23	4.2
SR12	10/15/2019 3:41	29.11	82.9	5.92	**21.9**	SR12	10/15/2019 9:41	29.04	83.1	5.95	4.4	SR12	10/15/2019 15:41	29.24	87.9	6.23	4.3	SR12	10/15/2019 21:41	28.95	85.3	6.07	6.9
SR12	10/15/2019 3:46	29.12	82.3	5.87	4.3	SR12	10/15/2019 9:46	29.03	82.0	5.89	4.1	SR12	10/15/2019 15:46	29.28	88.3	6.26	3.7	SR12	10/15/2019 21:46	28.97	87.0	6.18	4.7
SR12	10/15/2019 3:51	29.12	82.4	5.88	3.9	SR12	10/15/2019 9:51	29.03	83.4	5.98	4.4	SR12	10/15/2019 15:51	29.38	89.5	6.33	2.7	SR12	10/15/2019 21:51	28.94	86.7	6.17	4.3
SR12	10/15/2019 3:56	29.08	83.3	5.94	4.9	SR12	10/15/2019 9:56	29.01	87.0	6.23	5.2	SR12	10/15/2019 15:56	29.27	87.1	6.18	3.6	SR12	10/15/2019 21:56	28.94	86.6	6.15	4.0
SR12	10/15/2019 4:01	29.10	85.0	6.07	4.9	SR12	10/15/2019 10:01	29.01	86.3	6.18	4.4	SR12	10/15/2019 16:01	29.36	88.7	6.27	6.0	SR12	10/15/2019 22:01	28.94	88.5	6.28	3.8
SR12	10/15/2019 4:06	29.07	84.3	6.04	4.2	SR12	10/15/2019 10:06	29.02	85.7	6.15	4.1	SR12	10/15/2019 16:06	29.39	89.1	6.30	3.6	SR12	10/15/2019 22:06	28.94	88.0	6.25	4.5
SR12	10/15/2019 4:11	29.08	84.0	6.01	4.8	SR12	10/15/2019 10:11	29.01	89.4	6.41	4.9	SR12	10/15/2019 16:11	29.43	88.5	6.26	3.0	SR12	10/15/2019 22:11	28.95	90.1	6.39	4.7
SR12	10/15/2019 4:16	29.06	83.6	5.99	4.7	SR12	10/15/2019 10:16	29.02	86.7	6.22	4.6	SR12	10/15/2019 16:16	29.45	88.8	6.28	3.2	SR12	10/15/2019 22:16	28.93	87.4	6.21	3.6
SR12	10/15/2019 4:21	29.04	84.5	6.05	4.5	SR12	10/15/2019 10:21	29.03	86.3	6.19	4.3	SR12	10/15/2019 16:21	29.41	88.9	6.29	3.7	SR12	10/15/2019 22:21	28.93	87.0	6.18	4.2
SR12	10/15/2019 4:26	29.03	82.0	5.88	4.3	SR12	10/15/2019 10:26	29.05	86.2	6.18	4.9	SR12	10/15/2019 16:26	29.27	87.3	6.19	3.7	SR12	10/15/2019 22:26	28.92	87.1	6.18	4.0
SR12	10/15/2019 4:31	29.04	80.6	5.79	3.7	SR12	10/15/2019 10:31	29.06	87.9	6.29	5.2	SR12	10/15/2019 16:31	29.33	88.0	6.23	3.4	SR12	10/15/2019 22:31	28.92	87.7	6.24	4.4
SR12	10/15/2019 4:36	29.04	74.4	5.35	3.7	SR12	10/15/2019 10:36	29.08	88.5	6.34	6.0	SR12	10/15/2019 16:36	29.25	87.8	6.23	4.3	SR12	10/15/2019 22:36	28.92	86.0	6.11	4.2
SR12	10/15/2019 4:41	29.04	76.2	5.47	3.2	SR12	10/15/2019 10:41	29.08	86.9	6.22	4.0	SR12	10/15/2019 16:41	29.24	86.8	6.17	3.5	SR12	10/15/2019 22:41	28.91	86.7	6.16	4.5
SR12	10/15/2019 4:46	29.03	80.6	5.79	3.8	SR12	10/15/2019 10:46	29.08	87.6	6.28	5.1	SR12	10/15/2019 16:46	29.34	88.3	6.25	3.6	SR12	10/15/2019 22:46	28.92	84.4	5.99	4.9
SR12	10/15/2019 4:51	29.02	80.8	5.79	3.9	SR12	10/15/2019 10:51	29.09	88.4	6.32	6.3	SR12	10/15/2019 16:51	29.32	87.5	6.21	3.8	SR12	10/15/2019 22:51	28.91	85.9	6.08	4.8
SR12	10/15/2019 4:56	28.99	82.2	5.88	6.5	SR12	10/15/2019 10:56	29.09	87.8	6.28	5.1	SR12	10/15/2019 16:56	29.28	87.3	6.18	3.2	SR12	10/15/2019 22:56	28.90	83.9	5.94	5.1
SR12	10/15/2019 5:01	28.98	80.5	5.77	4.0	SR12	10/15/2019 11:01	29.10	88.0	6.32	5.3	SR12	10/15/2019 17:01	29.41	87.6	6.20	3.7	SR12	10/15/2019 23:01	28.90	84.9	6.01	4.8
SR12	10/15/2019 5:06	28.95	80.3	5.76	3.5	SR12	10/15/2019 11:06	29.09	87.2	6.26	5.4	SR12	10/15/2019 17:06	29.44	87.9	6.22	3.2	SR12	10/15/2019 23:06	28.89	85.4	6.05	4.5
SR12	10/15/2019 5:11	28.95	83.1	5.96	4.5	SR12	10/15/2019 11:11	29.12	87.4	6.26	5.1	SR12	10/15/2019 17:11	29.42	88.0	6.22	2.9	SR12	10/15/2019 23:11	28.89	85.9	6.08	4.2
SR12	10/15/2019 5:16	28.98	82.6	5.92	3.5	SR12	10/15/2019 11:16	29.12	86.9	6.23	4.2	SR12	10/15/2019 17:16	29.38	87.3	6.18	2.8	SR12	10/15/2019 23:16	28.89	86.4	6.11	4.6
SR12	10/15/2019 5:21	28.96	84.0	6.01	3.9	SR12	10/15/2019 11:21	29.11	86.3	6.19	5.5	SR12	10/15/2019 17:21	29.43	87.3	6.17	2.7	SR12	10/15/2019 23:21	28.88	87.2	6.18	5.0
SR12	10/15/2019 5:26	28.97	81.6	5.84	4.0	SR12	10/15/2019 11:26	29.12	85.7	6.14	4.7	SR12	10/15/2019 17:26	29.21	85.2	6.06	4.1	SR12	10/15/2019 23:26	28.88	88.2	6.24	7.8
SR12	10/15/2019 5:31	28.98	83.8	5.99	3.2	SR12	10/15/2019 11:31	29.11	88.1	6.32	4.7	SR12	10/15/2019 17:31	29.40	81.2	5.76	2.1	SR12	10/15/2019 23:31	28.88	86.8	6.14	4.7
SR12	10/15/2019 5:36	28.98	81.7	5.86	3.2	SR12	10/15/2019 11:36	29.13	87.7	6.29	5.2	SR12	10/15/2019 17:36	29.34	85.4	6.04	3.2	SR12	10/15/2019 23:36	28.86	86.9	6.18	4.4
SR12	10/15/2019 5:41	29.00	83.1	5.95	3.4	SR12	10/15/2019 11:41	29.14	87.6	6.28	5.1	SR12	10/15/2019 17:41	29.29	85.2	6.04	3.2	SR12	10/15/2019 23:41	28.85	83.8	5.96	8.8
SR12	10/15/2019 5:46	28.97	82.1	5.89	3.3	SR12	10/15/2019 11:46	29.15	85.7	6.15	5.5	SR12	10/15/2019 17:46	29.29	84.0	5.96	3.2	SR12	10/15/2019 23:46	28.85	84.9	6.03	4.1
SR12	10/15/2019 5:51	28.98	81.4	5.85	3.2	SR12	10/15/2019 11:51	29.15	87.1	6.24	4.7	SR12	10/15/2019 17:51	29.33	80.2	5.68	4.4	SR12	10/15/2019 23:51	28.84	84.9	6.03	3.9
SR12	10/15/2019 5:56	29.01	82.4	5.92	3.5	SR12	10/15/2019 11:56	29.16	85.9	6.16	4.4	SR12	10/15/2019 17:56	29.33	80.4	5.70	3.7	SR12	10/15/2019 23:56	28.83	84.5	6.00	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)
SR13	10/15/2019 0:00	29.19	82.5	6.04	4.6	SR13	10/15/2019 6:00	28.78	80.7	5.90	5.4	SR13	10/15/2019 12:00	28.57	81.0	5.94	4.6	SR13	10/15/2019 18:00	28.68	83.0	6.09	6.7
SR13	10/15/2019 0:05	29.20	80.4	5.89	3.9	SR13	10/15/2019 6:05	28.77	80.6	5.89	5.3	SR13	10/15/2019 12:05	28.57	80.9	5.93	7.5	SR13	10/15/2019 18:05	28.68	82.9	6.07	5.6
SR13	10/15/2019 0:10	29.18	81.3	5.95	5.0	SR13	10/15/2019 6:10	28.76	80.4	5.88	6.0	SR13	10/15/2019 12:10	28.59	80.5	5.90	5.0	SR13	10/15/2019 18:10	28.70	82.3	6.03	5.6
SR13	10/15/2019 0:15	29.21	80.5	5.89	3.5	SR13	10/15/2019 6:15	28.75	79.5	5.82	4.7	SR13	10/15/2019 12:15	28.59	79.5	5.83	5.3	SR13	10/15/2019 18:15	28.70	83.1	6.08	6.3
SR13	10/15/2019 0:20	29.21	81.5	5.97	5.3	SR13	10/15/2019 6:20	28.76	81.0	5.93	5.8	SR13	10/15/2019 12:20	28.59	77.0	5.66	5.8	SR13	10/15/2019 18:20	28.69	83.4	6.09	5.6
SR13	10/15/2019 0:25	29.20	81.6	5.98	4.6	SR13	10/15/2019 6:25	28.75	80.5	5.89	5.7	SR13	10/15/2019 12:25	28.57	76.0	5.60	5.3	SR13	10/15/2019 18:25	28.68	82.7	6.03	4.5
SR13	10/15/2019 0:30	29.23	80.9	5.93	4.9	SR13	10/15/2019 6:30	28.75	80.2	5.87	6.7	SR13	10/15/2019 12:30	28.58	78.9	5.80	5.4	SR13	10/15/2019 18:30	28.69	83.1	6.06	5.9
SR13	10/15/2019 0:35	29.20	79.3	5.81	4.1	SR13	10/15/2019 6:35	28.76	80.6	5.90	6.0	SR13	10/15/2019 12:35	28.60	78.9	5.80	4.0	SR13	10/15/2019 18:35	28.80	83.8	6.11	6.3
SR13	10/15/2019 0:40	29.21	80.6	5.91	3.6	SR13	10/15/2019 6:40	28.76	80.4	5.88	6.3	SR13	10/15/2019 12:40	28.59	80.3	5.89	8.0	SR13	10/15/2019 18:40	28.79	83.6	6.09	4.6
SR13	10/15/2019 0:45	29.21	78.5	5.76	4.6	SR13	10/15/2019 6:45	28.76	80.3	5.87	6.3	SR13	10/15/2019 12:45	28.59	79.9	5.86	5.0	SR13	10/15/2019 18:45	28.78	83.1	6.07	4.6
SR13	10/15/2019 0:50	28.96	79.9	5.88	4.4	SR13	10/15/2019 6:50	28.75	79.8	5.84	7.6	SR13	10/15/2019 12:50	28.59	80.2	5.88	5.3	SR13	10/15/2019 18:50	28.78	83.0	6.06	4.9
SR13	10/15/2019 0:55	28.93	77.4	5.71	5.1	SR13	10/15/2019 6:55	28.75	80.8	5.91	6.4	SR13	10/15/2019 12:55	28.58	81.3	5.96	4.7	SR13	10/15/2019 18:55	28.79	84.2	6.15	6.4
SR13	10/15/2019 1:00	28.93	79.0	5.83	4.3	SR13	10/15/2019 7:00	28.74	80.6	5.89	5.4	SR13	10/15/2019 13:00	28.59	80.9	5.93	4.8	SR13	10/15/2019 19:00	28.79	82.7	6.04	6.0
SR13	10/15/2019 1:05	28.91	78.6	5.80	5.5	SR13	10/15/2019 7:05	28.74	79.9	5.84	5.6	SR13	10/15/2019 13:05	28.60	81.6	5.98	5.2	SR13	10/15/2019 19:05	28.78	82.7	6.04	5.2
SR13	10/15/2019 1:10	28.91	80.2	5.92	6.5	SR13	10/15/2019 7:10	28.73	79.2	5.79	5.3	SR13	10/15/2019 13:10	28.60	80.4	5.89	5.1	SR13	10/15/2019 19:10	28.80	82.0	5.99	5.9
SR13	10/15/2019 1:15	28.91	79.4	5.86	5.7	SR13	10/15/2019 7:15	28.73	78.8	5.76	5.6	SR13	10/15/2019 13:15	28.59	81.5	5.96	5.3	SR13	10/15/2019 19:15	28.80	83.2	6.08	8.7
SR13	10/15/2019 1:20	28.92	80.9	5.95	7.1	SR13	10/15/2019 7:20	28.73	79.6	5.83	6.6	SR13	10/15/2019 13:20	28.57	81.0	5.93	4.3	SR13	10/15/2019 19:20	28.80	82.8	6.05	6.2
SR13	10/15/2019 1:25	28.91	80.7	5.93	6.5	SR13	10/15/2019 7:25	28.72	78.7	5.77	6.1	SR13	10/15/2019 13:25	28.60	81.6	5.98	4.9	SR13	10/15/2019 19:25	28.79	82.8	6.05	6.8
SR13	10/15/2019 1:30	28.91	82.0	6.03	5.8	SR13	10/15/2019 7:30	28.72	79.5	5.83	5.5	SR13	10/15/2019 13:30	28.58	81.0	5.94	4.4	SR13	10/15/2019 19:30	28.76	82.4	6.02	6.7
SR13	10/15/2019 1:35	28.91	81.2	5.97	6.7	SR13	10/15/2019 7:35	28.73	78.5	5.76	6.2	SR13	10/15/2019 13:35	28.57	80.8	5.93	4.6	SR13	10/15/2019 19:35	28.78	83.0	6.06	5.7
SR13	10/15/2019 1:40	28.92	80.9	5.96	7.0	SR13	10/15/2019 7:40	28.72	79.3	5.81	7.5	SR13	10/15/2019 13:40	28.58	81.1	5.94	5.9	SR13	10/15/2019 19:40	28.77	82.9	6.06	5.3
SR13	10/15/2019 1:45	28.91	81.3	5.95	6.7	SR13	10/15/2019 7:45	28.72	78.2	5.73	5.6	SR13	10/15/2019 13:45	28.59	81.7	5.98	5.1	SR13	10/15/2019 19:45	28.77	82.8	6.05	4.7
SR13	10/15/2019 1:50	28.91	78.5	5.76	5.4	SR13	10/15/2019 7:50	28.71	77.7	5.70	4.8	SR13	10/15/2019 13:50	28.59	82.0	6.00	4.8	SR13	10/15/2019 19:50	28.78	83.7	6.12	5.7
SR13	10/15/2019 1:55	28.89	79.5	5.83	5.8	SR13	10/15/2019 7:55	28.71	78.7	5.77	5.9	SR13	10/15/2019 13:55	28.60	82.2	6.02	5.8	SR13	10/15/2019 19:55	28.77	82.7	6.04	4.7
SR13	10/15/2019 2:00	28.86	80.7	5.91	6.0	SR13	10/15/2019 8:00	28.71	78.6	5.78	5.4	SR13	10/15/2019 14:00	28.60	81.4	5.96	5.0	SR13	10/15/2019 20:00	28.76	82.5	6.03	6.0
SR13	10/15/2019 2:05	28.85	80.0	5.86	4.8	SR13	10/15/2019 8:05	28.70	78.5	5.75	5.7	SR13	10/15/2019 14:05	28.59	81.8	5.99	4.7	SR13	10/15/2019 20:05	28.74	82.1	6.01	5.4
SR13	10/15/2019 2:10	28.83	80.2	5.88	5.6	SR13	10/15/2019 8:10	28.70	79.0	5.79	6.6	SR13	10/15/2019 14:10	28.61	80.9	5.93	4.7	SR13	10/15/2019 20:10	28.73	81.5	5.96	5.1
SR13	10/15/2019 2:15	28.84	80.6	5.90	4.8	SR13	10/15/2019 8:15	28.70	80.2	5.87	7.0	SR13	10/15/2019 14:15	28.57	80.7	5.92	5.7	SR13	10/15/2019 20:15	28.77	81.7	5.98	4.8
SR13	10/15/2019 2:20	28.85	82.0	6.00	5.4	SR13	10/15/2019 8:20	28.70	79.8	5.84	5.0	SR13	10/15/2019 14:20	28.58	80.2	5.88	4.8	SR13	10/15/2019 20:20	28.75	81.9	5.99	6.5
SR13	10/15/2019 2:25	28.85	80.8	5.92	5.2	SR13	10/15/2019 8:25	28.70	79.5	5.82	6.4	SR13	10/15/2019 14:25	28.60	80.4	5.88	9.4	SR13	10/15/2019 20:25	28.75	81.5	5.96	6.1
SR13	10/15/2019 2:30	28.81	81.1	5.95	5.2	SR13	10/15/2019 8:30	28.70	79.3	5.80	6.1	SR13	10/15/2019 14:30	28.59	80.0	5.87	5.3	SR13	10/15/2019 20:30	28.76	81.8	5.98	5.3
SR13	10/15/2019 2:35	28.85	79.8	5.84	4.7	SR13	10/15/2019 8:35	28.69	79.0	5.79	4.5	SR13	10/15/2019 14:35	28.61	80.3	5.88	4.8	SR13	10/15/2019 20:35	28.78	81.7	5.97	5.4
SR13	10/15/2019 2:40	28.84	80.0	5.86	7.0	SR13	10/15/2019 8:40	28.69	79.6	5.83	4.9	SR13	10/15/2019 14:40	28.62	79.5	5.83	5.5	SR13	10/15/2019 20:40	28.79	81.6	5.96	6.2
SR13	10/15/2019 2:45	28.84	80.7	5.91	5.0	SR13	10/15/2019 8:45	28.69	79.5	5.81	7.8	SR13	10/15/2019 14:45	28.58	78.1	5.74	4.5	SR13	10/15/2019 20:45	28.75	82.0	5.98	5.6
SR13	10/15/2019 2:50	28.83	80.3	5.88	5.8	SR13	10/15/2019 8:50	28.69	78.7	5.77	5.6	SR13	10/15/2019 14:50	28.63	79.4	5.82	5.8	SR13	10/15/2019 20:50	28.73	81.8	5.97	5.2
SR13	10/15/2019 2:55	28.83	79.4	5.82	6.0	SR13	10/15/2019 8:55	28.69	79.6	5.83	6.5	SR13	10/15/2019 14:55	28.64	79.1	5.81	5.3	SR13	10/15/2019 20:55	28.78	82.3	6.00	6.1
SR13	10/15/2019 3:00	28.84	81.9	6.00	4.7	SR13	10/15/2019 9:00	28.69	79.4	5.81	6.6	SR13	10/15/2019 15:00	28.64	80.3	5.88	6.0	SR13	10/15/2019 21:00	28.79	82.4	6.00	3.9
SR13	10/15/2019 3:05	28.83	81.1	5.94	5.6	SR13	10/15/2019 9:05	28.68	79.9	5.86	11.4	SR13	10/15/2019 15:05	28.64	80.8	5.92	5.4	SR13	10/15/2019 21:05	28.76	82.2	6.00	4.7
SR13	10/15/2019 3:10	28.81	80.9	5.92	5.6	SR13	10/15/2019 9:10	28.69	79.4	5.82	6.4	SR13	10/15/2019 15:10	28.64	81.0	5.94	6.2	SR13	10/15/2019 21:10	28.77	82.6	6.02	5.6
SR13	10/15/2019 3:15	28.81	79.5	5.83	4.9	SR13	10/15/2019 9:15	28.68	80.2	5.87	5.6	SR13	10/15/2019 15:15	28.64	81.3	5.96	6.1	SR13	10/15/2019 21:15	28.80	83.8	6.10	4.4
SR13	10/15/2019 3:20	28.81	80.5	5.89	4.6	SR13	10/15/2019 9:20	28.67	80.8	5.91	5.9	SR13	10/15/2019 15:20	28.65	82.3	6.03	6.0	SR13	10/15/2019 21:20	28.75	82.4	6.02	5.0
SR13	10/15/2019 3:25	28.81	80.3	5.88	5.9	SR13	10/15/2019 9:25	28.68	80.5	5.90	5.6	SR13	10/15/2019 15:25	28.66	82.2	6.02	6.6	SR13	10/15/2019 21:25	28.78	82.5	6.01	5.7
SR13	10/15/2019 3:30	28.79	81.0	5.93	6.2	SR13	10/15/2019 9:30	28.66	80.0	5.87	5.7	SR13	10/15/2019 15:30	28.67	81.7	5.98	6.1	SR13	10/15/2019 21:30	28.77	82.3	6.00	5.6
SR13	10/15/2019 3:35	28.79	78.9	5.78	6.2	SR13	10/15/2019 9:35	28.66	79.5	5.83	5.3	SR13	10/15/2019 15:35	28.66	83.2	6.09	7.1	SR13	10/15/2019 21:35	28.77	82.9	6.04	9.2
SR13	10/15/2019 3:40	28.79	80.3	5.88	5.9	SR13	10/15/2019 9:40	28.65	79.6	5.83	6.2	SR13	10/15/2019 15:40	28.67	83.2	6.09	6.7	SR13	10/15/2019 21:40	28.79	83.1	6.05	4.9
SR13	10/15/2019 3:45	28.80	81.2	5.94	5.1	SR13	10/15/2019 9:45	28.64	79.6	5.84	4.9	SR13	10/15/2019 15:45	28.69	83.0	6.08	6.5	SR13	10/15/2019 21:45	28.76	82.6	6.02	7.4
SR13	10/15/2019 3:50	28.80	81.6	5.97	5.3	SR13	10/15/2019 9:50	28.64	79.1	5.80	4.2	SR13	10/15/2019 15:50	28.70	83.2	6.08	5.1	SR13	10/15/2019 21:50	28.71	82.5	6.02	4.7
SR13	10/15/2019 3:55	28.79	80.5	5.89	5.4	SR13	10/15/2019 9:55	28.64	78.1	5.74	4.2	SR13	10/15/2019 15:55	28.70	83.9	6.14	6.0	SR13	10/15/2019 21:55	28.72	83.2	6.07	5.6
SR13	10/15/2019 4:00	28.79	80.8	5.91	6.0	SR13	10/15/2019 10:00	28.63	77.2	5.67	4.3	SR13	10/15/2019 16:00	28.71	83.8	6.13	6.5	SR13	10/15/2019 22:00	28.70	83.1	6.06	6.8
SR13	10/15/2019 4:05	28.79	80.7	5.91	6.8	SR13	10/15/2019 10:05	28.63	77.3	5.68	4.0	SR13	10/15/2019 16:05	28.71	83.6	6.11	5.9	SR13	10/15/2019 22:05	28.68	82.5	6.03	4.7
SR13	10/15/2019 4:10	28.78	80.2	5.87	5.7	SR13	10/15/2019 10:10	28.61	77.5	5.70	5.0	SR13	10/15/2019 16:10	28.70	83.4	6.11	5.7	SR13	10/15/2019 22:10	28.71	83.3	6.08	5.9
SR13	10/15/2019 4:15	28.78	80.7	5.90	6.2	SR13	10/15/2019 10:15	28.59	77.8	5.71	5.4	SR13	10/15/2019 16:15	28.70	84.1	6.15	6.4	SR13	10/15/2019 22:15	28.69	83.1	6.07	4.3
SR13	10/15/2019 4:20	28.77	81.6	5.96	5.4	SR13	10/15/2019 10:20	28.58	79.2	5.81	5.4	SR13	10/15/2019 16:20	28.70	84.1	6.15	5.6	SR13	10/15/2019 22:20	28.69	83.2	6.07	5.8
SR13	10/15/2019 4:25	28.78	81.3	5.94	6.4	SR13	10/15/2019 10:25	28.57	79.1	5.81	5.5	SR13	10/15/2019 16:25	28.70	84.5	6.19	5.7	SR13	10/15/2019 22:25	28.71	83.5	6.09	5.1
SR13	10/15/2019 4:30	28.75	81.4	5.95	5.6	SR13	10/15/2019 10:30	28.55	79.3	5.82	5.5	SR13	10/15/2019 16:30	28.69	83.5	6.12	6.1	SR13	10/15/2019 22:30	28.72	83.5	6.09	4.9
SR13	10/15/2019 4:35	28.77	81.5	5.96	5.1	SR13	10/15/2019 10:35	28.55	81.5	5.98	6.7	SR13	10/15/2019 16:35	28.64	83.6	6.12	4.7	SR13	10/15/2019 22:35	28.70	83.1	6.07	5.3
SR13	10/15/2019 4:40	28.77	81.6	5.96	5.4	SR13	10/15/2019 10:40	28.56	80.6	5.91	5.2	SR13	10/15/2019 16:40	28.64	82.5	6.04	5.0	SR13	10/15/2019 22:40	28.68	83.2	6.07	5.4
SR13	10/15/2019 4:45	28.77	81.6	5.97	6.3	SR13	10/15/2019 10:45	28.56	81.1	5.95	4.7	SR13	10/15/2019 16:45	28.65	81.4	5.97	4.8	SR13	10/15/2019 22:45	28.71	82.8	6.05	5.2
SR13	10/15/2019 4:50	28.73	80.3	5.88	5.9	SR13	10/15/2019 10:50	28.57	80.2	5.88	5.2	SR13	10/15/2019 16:50	28.65	80.7	5.92	4.2	SR13	10/15/2019 22:50	28.66	83.1	6.08	5.3
SR13	10/15/2019 4:55	28.79	79.7	5.84	6.2	SR13	10/15/2019 10:55	28.58	81.0	5.93	4.0	SR13	10/15/2019 16:55	28.68	82.2	6.03	5.8	SR13	10/15/2019 22:55	28.77	82.2	6.00	4.1
SR13	10/15/2019 5:00	28.80	79.8	5.85	5.2	SR13	10/15/2019 11:00	28.58	80.0	5.86	4.5	SR13	10/15/2019 17:00	28.70	81.6	5.98	4.4	SR13	10/15/2019 23:00	28.78	83.3	6.07	4.2
SR13	10/15/2019 5:05	28.80	79.8	5.84	5.3	SR13	10/15/2019 11:05	28.59	79.2	5.81	7.6	SR13	10/15/2019 17:05	28.66	82.5	6.06	6.1	SR13	10/15/2019 23:05	28.72	83.0	6.06	4.1
SR13	10/15/2019 5:10	28.80	81.6	5.97	6.6	SR13	10/15/2019 11:10	28.58	79.9	5.86	3.8	SR13	10/15/2019 17:10	28.72	82.2	6.03	6.5	SR13	10/15/2019 23:10	28.71	83.0	6.06	3.9
SR13	10/15/2019 5:15	28.81	81.6	5.97	5.0	SR13	10/15/2019 11:15	28.58	80.1	5.87	4.2	SR13	10/15/2019 17:15	28.71	82.2	6.02	5.6	SR13	10/15/2019 23:15	28.78	82.3	6.00	4.9
SR13	10/15/2019 5:20	28.81	81.5	5.96	7.6	SR13	10/15/2019 11:20	28.58	79.9	5.86	5.1	SR13	10/15/2019 17:20	28.71	82.3	6.04	5.2	SR13	10/15/2019 23:20	28.76	81.9	5.97	4.4
SR13	10/15/2019 5:25	28.81	81.8	5.98	5.4	SR13	10/15/2019 11:25	28.58	80.8	5.92	**13.5**	SR13	10/15/2019 17:25	28.56	82.7	6.06	4.5	SR13	10/15/2019 23:25	28.71	82.9	6.05	4.1
SR13	10/15/2019 5:30	28.80	82.2	6.01	6.6	SR13	10/15/2019 11:30	28.58	80.8	5.92	5.1	SR13	10/15/2019 17:30	28.68	82.5	6.05	5.4	SR13	10/15/2019 23:30	28.73	83.6	6.10	3.4
SR13	10/15/2019 5:35	28.80	82.9	6.06	5.4	SR13	10/15/2019 11:35	28.58	80.7	5.91	5.5	SR13	10/15/2019 17:35	28.68	82.5	6.05	4.6	SR13	10/15/2019 23:35	28.78	84.8	6.18	3.3
SR13	10/15/2019 5:40	28.79	82.2	6.00	5.8	SR13	10/15/2019 11:40	28.58	80.6	5.90	6.0	SR13	10/15/2019 17:40	28.68	83.0	6.08	5.3	SR13	10/15/2019 23:40	28.73	83.4	6.09	3.7
SR13	10/15/2019 5:45	28.79	81.8	5.97	5.2	SR13	10/15/2019 11:45	28.57	81.6	5.97	4.9	SR13	10/15/2019 17:45	28.68	83.1	6.09	4.9	SR13	10/15/2019 23:45	28.79	83.6	6.09	5.5
SR13	10/15/2019 5:50	28.78	81.6	5.96	6.8	SR13	10/15/2019 11:50	28.57	80.6	5.91	5.1	SR13	10/15/2019 17:50	28.69	82.5	6.05	4.8	SR13	10/15/2019 23:50	28.82	83.6	6.09	4.3
SR13	10/15/2019 5:55	28.78	81.2	5.94	5.5	SR13	10/15/2019 11:55	28.57	80.9	5.93	6.2	SR13	10/15/2019 17:55	28.69	83.9	6.15	5.8	SR13	10/15/2019 23:55	28.85	83.9	6.12	4.1

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	10/15/2019 0:17	0.15				SR12	10/15/2019 0:17	0.20			
SR4	10/15/2019 0:37	0.16				SR12	10/15/2019 0:37	0.18			
SR4	10/15/2019 0:57	0.17				SR12	10/15/2019 0:57	0.18			
SR4	10/15/2019 1:17	0.14				SR12	10/15/2019 1:17	0.17			
SR4	10/15/2019 1:37	0.17				SR12	10/15/2019 1:37	0.20			
SR4	10/15/2019 1:57	0.14				SR12	10/15/2019 1:57	0.18			
SR4	10/15/2019 2:17	0.17				SR12	10/15/2019 2:17	0.19			
SR4	10/15/2019 2:37	0.15				SR12	10/15/2019 2:37	0.17			
SR4	10/15/2019 2:57	0.15				SR12	10/15/2019 2:57	0.19			
SR4	10/15/2019 3:17	0.15				SR12	10/15/2019 3:17	0.20			
SR4	10/15/2019 3:37	0.14				SR12	10/15/2019 3:37	0.20			
SR4	10/15/2019 3:57	0.15				SR12	10/15/2019 3:57	0.20			
SR4	10/15/2019 4:17	0.15				SR12	10/15/2019 4:17	0.19			
SR4	10/15/2019 4:37	0.17				SR12	10/15/2019 4:37	0.20			
SR4	10/15/2019 4:57	0.18				SR12	10/15/2019 4:57	0.20			
SR4	10/15/2019 5:17	0.17				SR12	10/15/2019 5:17	0.21			
SR4	10/15/2019 5:37	0.16				SR12	10/15/2019 5:37	0.18			
SR4	10/15/2019 5:57	0.15				SR12	10/15/2019 5:57	0.19			
SR4						SR12					
SR4	10/15/2019 6:37	0.18				SR12	10/15/2019 6:37	0.19			
SR4	10/15/2019 6:57	0.16				SR12	10/15/2019 6:57	0.20			
SR4	10/15/2019 7:17	0.16				SR12	10/15/2019 7:17	0.18			
SR4	10/15/2019 7:37	0.18				SR12	10/15/2019 7:37	0.21			
SR4	10/15/2019 7:57	0.18				SR12	10/15/2019 7:57	0.21			
SR4	10/15/2019 8:17	0.18				SR12	10/15/2019 8:17	0.20			
SR4	10/15/2019 8:37	0.17				SR12	10/15/2019 8:37	0.21			
SR4	10/15/2019 8:57	0.20				SR12	10/15/2019 8:57	0.21			
SR4	10/15/2019 9:17	0.17				SR12	10/15/2019 9:17	0.21			
SR4	10/15/2019 9:37	0.18				SR12	10/15/2019 9:37	0.21			
SR4	10/15/2019 9:57	0.19				SR12	10/15/2019 9:57	0.19			
SR4	10/15/2019 10:17	0.19				SR12	10/15/2019 10:17	0.20			
SR4	10/15/2019 10:37	0.17				SR12	10/15/2019 10:37	0.20			
SR4	10/15/2019 10:57	0.19				SR12	10/15/2019 10:57	0.19			
SR4	10/15/2019 11:17	0.17				SR12	10/15/2019 11:17	0.19			
SR4	10/15/2019 11:37	0.18				SR12	10/15/2019 11:37	0.19			
SR4	10/15/2019 11:57	0.20				SR12	10/15/2019 11:57	0.19			
SR4	10/15/2019 12:17	0.20				SR12	10/15/2019 12:17	0.20			
SR4	10/15/2019 12:37	0.19				SR12	10/15/2019 12:37	0.21			
SR4	10/15/2019 12:57	0.19				SR12	10/15/2019 12:57	0.20			
SR4	10/15/2019 13:17	0.17				SR12	10/15/2019 13:17	0.21			
SR4	10/15/2019 13:37	0.20				SR12	10/15/2019 13:37	0.20			
SR4	10/15/2019 13:57	0.19				SR12	10/15/2019 13:57	0.19			
SR4	10/15/2019 14:17	0.17				SR12	10/15/2019 14:17	0.21			
SR4	10/15/2019 14:37	0.18				SR12	10/15/2019 14:37	0.19			
SR4	10/15/2019 14:57	0.18				SR12	10/15/2019 14:57	0.19			
SR4	10/15/2019 15:17	0.18				SR12	10/15/2019 15:17	0.21			
SR4	10/15/2019 15:37	0.20				SR12	10/15/2019 15:37	0.21			
SR4	10/15/2019 15:57	0.17				SR12	10/15/2019 15:57	0.19			
SR4	10/15/2019 16:17	0.19				SR12	10/15/2019 16:17	0.21			
SR4	10/15/2019 16:37	0.19				SR12	10/15/2019 16:37	0.20			
SR4	10/15/2019 16:57	0.20				SR12	10/15/2019 16:57	0.21			
SR4	10/15/2019 17:17	0.17				SR12	10/15/2019 17:17	0.21			
SR4	10/15/2019 17:37	0.19				SR12	10/15/2019 17:37	0.20			
SR4	10/15/2019 17:57	0.18				SR12	10/15/2019 17:57	0.20			
SR4	10/15/2019 18:17	0.21				SR12	10/15/2019 18:17	0.19			
SR4	10/15/2019 18:37	0.20				SR12	10/15/2019 18:37	0.20			
SR4	10/15/2019 18:57	0.20				SR12	10/15/2019 18:57	0.20			
SR4	10/15/2019 19:17	0.21				SR12	10/15/2019 19:17	0.19			
SR4	10/15/2019 19:37	0.18				SR12	10/15/2019 19:37	0.19			
SR4	10/15/2019 19:57	0.21				SR12	10/15/2019 19:57	0.19			
SR4	10/15/2019 20:17	0.20				SR12	10/15/2019 20:17	0.19			
SR4	10/15/2019 20:37	0.20				SR12	10/15/2019 20:37	0.20			
SR4	10/15/2019 20:57	0.18				SR12	10/15/2019 20:57	0.20			
SR4	10/15/2019 21:17	0.19				SR12	10/15/2019 21:17	0.17			
SR4	10/15/2019 21:37	0.19				SR12	10/15/2019 21:37	0.18			
SR4	10/15/2019 21:57	0.20				SR12	10/15/2019 21:57	0.20			
SR4	10/15/2019 22:17	0.18				SR12	10/15/2019 22:17	0.19			
SR4	10/15/2019 22:37	0.18				SR12	10/15/2019 22:37	0.19			
SR4	10/15/2019 22:57	0.19				SR12	10/15/2019 22:57	0.18			
SR4	10/15/2019 23:17	0.18				SR12	10/15/2019 23:17	0.20			
SR4	10/15/2019 23:37	0.20				SR12	10/15/2019 23:37	0.20			
SR4	10/15/2019 23:57	0.21				SR12	10/15/2019 23:57	0.19			

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 11:20-11:45.

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	10/16/2019 0:01	28.86	81.2	5.62	3.6	SR4	10/16/2019 6:01	28.79	85.4	5.92	4.2	SR4	10/16/2019 12:01	28.92	86.8	6.00	5.7	SR4	10/16/2019 18:01	28.84	84.2	5.83	3.7
SR4	10/16/2019 0:06	28.86	78.8	5.44	2.9	SR4	10/16/2019 6:06	28.78	84.5	5.84	4.1	SR4	10/16/2019 12:06	28.84	86.7	6.00	5.8	SR4	10/16/2019 18:06	28.94	82.3	5.68	3.8
SR4	10/16/2019 0:11	28.86	78.0	5.38	2.7	SR4	10/16/2019 6:11	28.78	85.0	5.88	6.4	SR4	10/16/2019 12:11	28.86	86.8	6.01	4.3	SR4	10/16/2019 18:11	28.94	81.0	5.58	9.6
SR4	10/16/2019 0:16	28.88	79.4	5.46	3.7	SR4	10/16/2019 6:16	28.78	84.8	5.87	4.6	SR4	10/16/2019 12:16	28.83	86.0	5.96	6.7	SR4	10/16/2019 18:16	28.95	80.8	5.57	4.3
SR4	10/16/2019 0:21	28.87	79.0	5.44	2.7	SR4	10/16/2019 6:21	28.78	85.1	5.89	4.1	SR4	10/16/2019 12:21	28.83	84.5	5.84	4.8	SR4	10/16/2019 18:21	28.93	81.2	5.59	4.6
SR4	10/16/2019 0:26	28.86	80.2	5.52	2.8	SR4	10/16/2019 6:26	28.70	87.6	6.07	4.3	SR4	10/16/2019 12:26	28.98	88.0	6.07	4.4	SR4	10/16/2019 18:26	28.91	84.4	5.81	4.6
SR4	10/16/2019 0:31	28.85	81.5	5.62	3.2	SR4	10/16/2019 6:31	28.69	87.7	6.06	3.6	SR4	10/16/2019 12:31	28.95	87.7	6.07	2.9	SR4	10/16/2019 18:31	28.89	85.3	5.88	5.0
SR4	10/16/2019 0:36	28.86	81.0	5.58	3.6	SR4	10/16/2019 6:36	28.57	89.7	6.20	3.5	SR4	10/16/2019 12:36	29.02	89.5	6.18	3.2	SR4	10/16/2019 18:36	28.87	87.5	6.04	5.9
SR4	10/16/2019 0:41	28.87	80.5	5.54	3.0	SR4	10/16/2019 6:41	28.56	89.7	6.22	3.0	SR4	10/16/2019 12:41	29.09	89.7	6.18	3.4	SR4	10/16/2019 18:41	28.86	87.2	6.02	5.2
SR4	10/16/2019 0:46	28.87	80.4	5.53	3.0	SR4	10/16/2019 6:46	28.61	89.9	6.23	3.7	SR4	10/16/2019 12:46	29.10	89.6	6.18	2.9	SR4	10/16/2019 18:46	28.86	87.1	6.02	5.5
SR4	10/16/2019 0:51	28.87	80.7	5.56	3.6	SR4	10/16/2019 6:51	28.59	86.9	6.02	3.2	SR4	10/16/2019 12:51	29.04	90.4	6.24	3.0	SR4	10/16/2019 18:51	28.85	88.1	6.10	7.1
SR4	10/16/2019 0:56	28.87	80.6	5.54	3.8	SR4	10/16/2019 6:56	28.41	86.4	6.01	2.7	SR4	10/16/2019 12:56	29.05	89.2	6.16	3.1	SR4	10/16/2019 18:56	28.86	86.9	6.01	5.8
SR4	10/16/2019 1:01	28.87	78.5	5.41	2.7	SR4	10/16/2019 7:01	28.42	86.6	6.01	2.8	SR4	10/16/2019 13:01	29.06	90.2	6.22	3.8	SR4	10/16/2019 19:01	28.85	86.1	5.95	5.1
SR4	10/16/2019 1:06	28.87	80.4	5.53	3.4	SR4	10/16/2019 7:06	28.49	89.8	6.23	4.1	SR4	10/16/2019 13:06	29.02	90.5	6.25	3.2	SR4	10/16/2019 19:06	28.85	87.7	6.07	6.3
SR4	10/16/2019 1:11	28.88	81.4	5.60	4.4	SR4	10/16/2019 7:11	28.58	89.6	6.20	2.9	SR4	10/16/2019 13:11	29.07	88.4	6.10	2.9	SR4	10/16/2019 19:11	28.84	87.7	6.07	5.6
SR4	10/16/2019 1:16	28.88	80.3	5.53	3.0	SR4	10/16/2019 7:16	28.65	91.5	6.35	3.1	SR4	10/16/2019 13:16	29.23	88.4	6.07	2.8	SR4	10/16/2019 19:16	28.81	86.4	5.98	5.1
SR4	10/16/2019 1:21	28.88	79.5	5.50	3.2	SR4	10/16/2019 7:21	28.67	88.9	6.17	4.9	SR4	10/16/2019 13:21	29.21	88.8	6.11	5.9	SR4	10/16/2019 19:21	28.81	89.1	6.17	5.3
SR4	10/16/2019 1:26	28.88	76.7	5.30	2.6	SR4	10/16/2019 7:26	28.68	88.6	6.14	4.5	SR4	10/16/2019 13:26	29.15	87.6	6.04	2.8	SR4	10/16/2019 19:26	28.81	88.7	6.13	5.7
SR4	10/16/2019 1:31	28.88	79.4	5.48	3.7	SR4	10/16/2019 7:31	28.69	88.7	6.16	4.4	SR4	10/16/2019 13:31	29.18	89.4	6.16	3.7	SR4	10/16/2019 19:31	28.80	88.2	6.11	5.5
SR4	10/16/2019 1:36	28.88	78.5	5.42	3.3	SR4	10/16/2019 7:36	28.71	89.4	6.19	5.1	SR4	10/16/2019 13:36	29.19	87.6	6.04	2.5	SR4	10/16/2019 19:36	28.80	88.3	6.10	6.3
SR4	10/16/2019 1:41	28.88	79.1	5.47	3.6	SR4	10/16/2019 7:41	28.72	88.3	6.12	5.3	SR4	10/16/2019 13:41	29.17	87.9	6.05	2.4	SR4	10/16/2019 19:41	28.79	87.2	6.01	5.1
SR4	10/16/2019 1:46	28.88	79.7	5.51	3.7	SR4	10/16/2019 7:46	28.72	88.8	6.16	4.8	SR4	10/16/2019 13:46	29.15	89.0	6.13	3.0	SR4	10/16/2019 19:46	28.80	87.4	6.02	5.3
SR4	10/16/2019 1:51	28.88	76.8	5.32	5.6	SR4	10/16/2019 7:51	28.72	88.4	6.13	5.8	SR4	10/16/2019 13:51	29.03	87.7	6.06	3.3	SR4	10/16/2019 19:51	28.80	86.7	5.98	5.3
SR4	10/16/2019 1:56	28.88	80.2	5.54	4.5	SR4	10/16/2019 7:56	28.72	90.5	6.28	7.2	SR4	10/16/2019 13:56	29.09	87.2	6.01	2.3	SR4	10/16/2019 19:56	28.79	84.0	5.80	3.6
SR4	10/16/2019 2:01	28.88	79.1	5.46	4.5	SR4	10/16/2019 8:01	28.74	89.9	6.23	6.1	SR4	10/16/2019 14:01	29.09	87.2	6.01	2.4	SR4	10/16/2019 20:01	28.78	83.6	5.77	3.9
SR4	10/16/2019 2:06	28.88	76.5	5.28	3.5	SR4	10/16/2019 8:06	28.73	89.7	6.22	7.1	SR4	10/16/2019 14:06	29.08	87.1	6.00	2.3	SR4	10/16/2019 20:06	28.78	85.9	5.93	6.3
SR4	10/16/2019 2:11	28.88	76.7	5.30	3.5	SR4	10/16/2019 8:11	28.71	89.9	6.23	6.6	SR4	10/16/2019 14:11	29.07	87.5	6.04	4.3	SR4	10/16/2019 20:11	28.78	86.7	5.98	4.9
SR4	10/16/2019 2:16	28.88	77.3	5.33	3.2	SR4	10/16/2019 8:16	28.71	89.8	6.23	5.8	SR4	10/16/2019 14:16	29.08	87.2	6.01	3.7	SR4	10/16/2019 20:16	28.77	85.0	5.86	4.0
SR4	10/16/2019 2:21	28.88	77.3	5.32	3.2	SR4	10/16/2019 8:21	28.72	90.2	6.25	5.8	SR4	10/16/2019 14:21	29.05	86.6	5.98	3.6	SR4	10/16/2019 20:21	28.78	84.5	5.83	3.8
SR4	10/16/2019 2:26	28.81	65.4	4.51	2.7	SR4	10/16/2019 8:26	28.73	89.9	6.24	4.5	SR4	10/16/2019 14:26	29.02	86.3	5.95	3.9	SR4	10/16/2019 20:26	28.79	88.3	6.10	4.8
SR4	10/16/2019 2:31	28.81	57.7	3.97	2.5	SR4	10/16/2019 8:31	28.71	90.7	6.29	6.3	SR4	10/16/2019 14:31	29.01	85.6	5.90	3.7	SR4	10/16/2019 20:31	28.80	87.4	6.05	4.0
SR4	10/16/2019 2:36	28.81	70.8	4.88	2.6	SR4	10/16/2019 8:36	28.72	89.2	6.19	4.8	SR4	10/16/2019 14:36	29.10	85.4	5.89	3.5	SR4	10/16/2019 20:36	28.79	86.4	5.99	3.4
SR4	10/16/2019 2:41	28.83	72.9	5.02	2.9	SR4	10/16/2019 8:41	28.74	89.8	6.23	4.2	SR4	10/16/2019 14:41	29.02	84.8	5.86	3.8	SR4	10/16/2019 20:41	28.78	84.6	5.87	3.3
SR4	10/16/2019 2:46	28.79	74.2	5.11	3.0	SR4	10/16/2019 8:46	28.74	89.8	6.23	4.5	SR4	10/16/2019 14:46	29.14	80.8	5.58	2.2	SR4	10/16/2019 20:46	28.78	85.8	5.94	4.2
SR4	10/16/2019 2:51	28.79	76.2	5.26	4.3	SR4	10/16/2019 8:51	28.74	89.2	6.19	4.7	SR4	10/16/2019 14:51	29.20	81.7	5.62	2.4	SR4	10/16/2019 20:51	28.79	84.6	5.87	5.0
SR4	10/16/2019 2:56	28.79	75.3	5.20	3.1	SR4	10/16/2019 8:56	28.74	89.2	6.19	4.1	SR4	10/16/2019 14:56	29.19	78.3	5.40	3.1	SR4	10/16/2019 20:56	28.78	85.7	5.94	5.1
SR4	10/16/2019 3:01	28.80	77.9	5.38	3.2	SR4	10/16/2019 9:01	28.74	89.1	6.18	4.4	SR4	10/16/2019 15:01	29.20	79.0	5.44	2.5	SR4	10/16/2019 21:01	28.78	82.9	5.75	3.1
SR4	10/16/2019 3:06	28.79	75.6	5.22	2.7	SR4	10/16/2019 9:06	28.74	90.4	6.25	4.4	SR4	10/16/2019 15:06	29.21	80.3	5.53	2.2	SR4	10/16/2019 21:06	28.78	81.9	5.65	4.5
SR4	10/16/2019 3:11	28.80	75.1	5.18	2.5	SR4	10/16/2019 9:11	28.75	90.4	6.24	4.8	SR4	10/16/2019 15:11	29.19	80.2	5.52	1.9	SR4	10/16/2019 21:11	28.79	82.9	5.72	4.6
SR4	10/16/2019 3:16	28.75	73.0	5.04	2.3	SR4	10/16/2019 9:16	28.74	89.2	6.16	4.3	SR4	10/16/2019 15:16	29.17	81.0	5.58	2.3	SR4	10/16/2019 21:16	28.76	81.3	5.62	4.4
SR4	10/16/2019 3:21	28.78	76.1	5.24	3.6	SR4	10/16/2019 9:21	28.73	88.2	6.08	4.1	SR4	10/16/2019 15:21	29.14	78.7	5.42	1.9	SR4	10/16/2019 21:21	28.78	83.6	5.77	5.2
SR4	10/16/2019 3:26	28.78	75.6	5.21	3.7	SR4	10/16/2019 9:26	28.75	90.0	6.22	3.7	SR4	10/16/2019 15:26	29.13	79.5	5.48	2.1	SR4	10/16/2019 21:26	28.78	81.5	5.63	4.0
SR4	10/16/2019 3:31	28.81	74.5	5.15	2.1	SR4	10/16/2019 9:31	28.76	90.7	6.25	4.1	SR4	10/16/2019 15:31	29.11	78.1	5.39	2.5	SR4	10/16/2019 21:31	28.77	82.5	5.69	3.7
SR4	10/16/2019 3:36	28.80	72.7	5.03	2.4	SR4	10/16/2019 9:36	28.78	90.6	6.25	3.5	SR4	10/16/2019 15:36	29.09	76.6	5.29	2.0	SR4	10/16/2019 21:36	28.78	81.8	5.64	4.0
SR4	10/16/2019 3:41	28.78	70.8	4.91	2.9	SR4	10/16/2019 9:41	28.75	89.1	6.16	3.9	SR4	10/16/2019 15:41	29.08	81.2	5.60	2.5	SR4	10/16/2019 21:41	28.77	81.2	5.60	3.9
SR4	10/16/2019 3:46	28.80	72.6	5.03	2.7	SR4	10/16/2019 9:46	28.76	91.1	6.29	5.3	SR4	10/16/2019 15:46	29.07	84.1	5.81	3.4	SR4	10/16/2019 21:46	28.77	79.8	5.51	3.4
SR4	10/16/2019 3:51	28.80	71.6	4.96	3.2	SR4	10/16/2019 9:51	28.78	90.6	6.25	3.6	SR4	10/16/2019 15:51	29.07	79.1	5.46	2.1	SR4	10/16/2019 21:51	28.77	80.8	5.58	4.4
SR4	10/16/2019 3:56	28.81	71.2	4.93	1.9	SR4	10/16/2019 9:56	28.79	90.2	6.22	3.2	SR4	10/16/2019 15:56	29.04	76.7	5.30	2.7	SR4	10/16/2019 21:56	28.77	82.6	5.69	4.3
SR4	10/16/2019 4:01	28.81	73.4	5.08	2.2	SR4	10/16/2019 10:01	28.78	90.0	6.24	3.9	SR4	10/16/2019 16:01	29.07	77.9	5.38	1.9	SR4	10/16/2019 22:01	28.77	81.0	5.59	8.1
SR4	10/16/2019 4:06	28.82	73.9	5.12	2.9	SR4	10/16/2019 10:06	28.79	89.8	6.22	3.7	SR4	10/16/2019 16:06	29.02	80.0	5.53	2.1	SR4	10/16/2019 22:06	28.77	81.9	5.65	4.1
SR4	10/16/2019 4:11	28.83	71.9	4.97	2.0	SR4	10/16/2019 10:11	28.76	87.6	6.06	4.8	SR4	10/16/2019 16:11	29.04	75.8	5.24	2.1	SR4	10/16/2019 22:11	28.77	80.6	5.56	4.6
SR4	10/16/2019 4:16	28.79	70.3	4.87	2.2	SR4	10/16/2019 10:16	28.77	86.9	6.02	4.7	SR4	10/16/2019 16:16	29.09	73.6	5.09	4.4	SR4	10/16/2019 22:16	28.77	82.3	5.69	3.6
SR4	10/16/2019 4:21	28.84	76.1	5.27	4.4	SR4	10/16/2019 10:21	28.80	89.6	6.20	4.5	SR4	10/16/2019 16:21	29.11	76.7	5.29	2.3	SR4	10/16/2019 22:21	28.77	83.3	5.75	4.7
SR4	10/16/2019 4:26	28.84	78.2	5.41	3.2	SR4	10/16/2019 10:26	28.78	86.8	6.01	4.3	SR4	10/16/2019 16:26	29.10	76.6	5.29	3.3	SR4	10/16/2019 22:26	28.76	81.5	5.64	3.3
SR4	10/16/2019 4:31	28.83	79.4	5.50	4.1	SR4	10/16/2019 10:31	28.77	87.7	6.07	8.3	SR4	10/16/2019 16:31	29.04	82.9	5.74	4.4	SR4	10/16/2019 22:31	28.76	83.5	5.77	4.4
SR4	10/16/2019 4:36	28.84	80.0	5.54	3.9	SR4	10/16/2019 10:36	28.80	87.9	6.08	4.2	SR4	10/16/2019 16:36	29.01	83.0	5.74	4.1	SR4	10/16/2019 22:36	28.76	82.3	5.70	4.2
SR4	10/16/2019 4:41	28.83	81.8	5.66	4.5	SR4	10/16/2019 10:41	28.78	87.3	6.05	6.1	SR4	10/16/2019 16:41	28.99	83.8	5.80	4.7	SR4	10/16/2019 22:41	28.76	84.8	5.87	3.7
SR4	10/16/2019 4:46	28.82	82.0	5.68	4.3	SR4	10/16/2019 10:46	28.79	87.4	6.06	6.3	SR4	10/16/2019 16:46	29.01	80.8	5.59	3.2	SR4	10/16/2019 22:46	28.75	83.3	5.76	4.1
SR4	10/16/2019 4:51	28.82	81.5	5.64	3.7	SR4	10/16/2019 10:51	28.79	85.4	5.93	5.8	SR4	10/16/2019 16:51	29.03	76.8	5.32	2.5	SR4	10/16/2019 22:51	28.73	83.0	5.75	3.2
SR4	10/16/2019 4:56	28.82	81.9	5.66	3.4	SR4	10/16/2019 10:56	28.79	85.4	5.92	4.7	SR4	10/16/2019 16:56	28.99	77.2	5.35	4.6	SR4	10/16/2019 22:56	28.73	81.1	5.62	3.1
SR4	10/16/2019 5:01	28.82	84.0	5.81	4.1	SR4	10/16/2019 11:01	28.81	86.1	5.96	5.8	SR4	10/16/2019 17:01	28.94	85.7	5.93	6.6	SR4	10/16/2019 23:01	28.74	83.7	5.80	3.6
SR4	10/16/2019 5:06	28.81	81.3	5.63	**24.9**	SR4	10/16/2019 11:06	28.82	86.0	5.94	5.2	SR4	10/16/2019 17:06	28.93	85.3	5.92	5.2	SR4	10/16/2019 23:06	28.73	84.0	5.82	3.5
SR4	10/16/2019 5:11	28.81	80.6	5.58	3.4	SR4	10/16/2019 11:11	28.84	87.3	6.04	5.2	SR4	10/16/2019 17:11	28.93	84.5	5.86	5.0	SR4	10/16/2019 23:11	28.73	85.8	5.95	3.6
SR4	10/16/2019 5:16	28.81	82.3	5.70	3.8	SR4	10/16/2019 11:16	28.88	86.3	5.96	4.3	SR4	10/16/2019 17:16	28.92	85.7	5.93	5.8	SR4	10/16/2019 23:16	28.73	85.6	5.94	3.0
SR4	10/16/2019 5:21	28.80	83.1	5.76	4.4	SR4	10/16/2019 11:21	28.86	87.7	6.07	5.0	SR4	10/16/2019 17:21	28.91	86.7	6.00	5.1	SR4	10/16/2019 23:21	28.73	85.1	5.90	3.7
SR4	10/16/2019 5:26	28.79	84.5	5.84	4.7	SR4	10/16/2019 11:26	28.82	86.0	5.95	4.1	SR4	10/16/2019 17:26	28.89	88.3	6.12	5.5	SR4	10/16/2019 23:26	28.73	86.9	6.02	4.3
SR4	10/16/2019 5:31	28.77	84.6	5.87	3.9	SR4	10/16/2019 11:31	28.81	86.7	6.00	7.0	SR4	10/16/2019 17:31	28.89	87.2	6.04	3.8	SR4	10/16/2019 23:31	28.72	86.0	5.98	4.4
SR4	10/16/2019 5:36	28.78	84.2	5.83	4.0	SR4	10/16/2019 11:36	28.82	86.0	5.95	3.8	SR4	10/16/2019 17:36	28.89	88.9	6.16	5.7	SR4	10/16/2019 23:36	28.72	85.2	5.90	2.8
SR4	10/16/2019 5:41	28.79	84.0	5.82	4.3	SR4	10/16/2019 11:41	28.83	85.1	5.88	4.5	SR4	10/16/2019 17:41	28.89	88.2	6.11	5.2	SR4	10/16/2019 23:41	28.71	84.6	5.86	2.6
SR4	10/16/2019 5:46	28.79	85.3	5.92	4.8	SR4	10/16/2019 11:46	28.83	86.3	5.96	5.0	SR4	10/16/2019 17:46	28.89	86.8	6.01	5.1	SR4	10/16/2019 23:46	28.70	84.6	5.84	3.5
SR4	10/16/2019 5:51	28.79	85.4	5.92	4.2	SR4	10/16/2019 11:51	28.81	85.0	5.88	5.8	SR4	10/16/2019 17:51	28.89	88.0	6.10	4.4	SR4	10/16/2019 23:51	28.71	86.7	5.99	3.5
SR4	10/16/2019 5:56	28.79	84.1	5.82	3.3	SR4	10/16/2019 11:56	28.82	85.0	5.88	5.3	SR4	10/16/2019 17:56	28.87	85.8	5.94	4.4	SR4	10/16/2019 23:56	28.69	85.7	5.92	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)
SR5	10/16/2019 0:00	28.93	78.9	5.51	4.7	SR5	10/16/2019 6:00	28.65	85.1	5.53	5.0	SR5	10/16/2019 12:00	28.81	78.0	5.47	4.5	SR5	10/16/2019 18:00	29.06	85.1	5.48	4.5
SR5	10/16/2019 0:05	28.94	79.2	5.54	4.0	SR5	10/16/2019 6:05	28.67	85.1	5.53	4.5	SR5	10/16/2019 12:05	28.80	79.2	5.55	3.8	SR5	10/16/2019 18:05	29.06	85.5	5.51	4.3
SR5	10/16/2019 0:10	28.93	77.9	5.45	4.8	SR5	10/16/2019 6:10	28.64	84.9	5.52	5.2	SR5	10/16/2019 12:10	28.79	79.8	5.59	3.9	SR5	10/16/2019 18:10	29.06	85.3	5.50	4.6
SR5	10/16/2019 0:15	28.93	79.1	5.53	4.6	SR5	10/16/2019 6:15	28.69	84.9	5.51	4.6	SR5	10/16/2019 12:15	28.81	77.5	5.42	4.0	SR5	10/16/2019 18:15	29.05	85.4	5.52	4.5
SR5	10/16/2019 0:20	28.93	79.2	5.54	4.8	SR5	10/16/2019 6:20	28.67	84.6	5.50	4.2	SR5	10/16/2019 12:20	28.81	79.5	5.58	4.0	SR5	10/16/2019 18:20	28.99	87.7	5.67	4.5
SR5	10/16/2019 0:25	28.84	78.9	5.51	5.0	SR5	10/16/2019 6:25	28.65	84.1	5.47	4.3	SR5	10/16/2019 12:25	28.81	80.2	5.62	3.4	SR5	10/16/2019 18:25	29.00	88.2	5.72	4.0
SR5	10/16/2019 0:30	28.89	79.3	5.53	6.0	SR5	10/16/2019 6:30	28.68	83.7	5.43	4.6	SR5	10/16/2019 12:30	28.83	76.6	5.35	3.5	SR5	10/16/2019 18:30	29.03	87.0	5.62	3.9
SR5	10/16/2019 0:35	28.89	78.2	5.45	4.9	SR5	10/16/2019 6:35	28.62	84.0	5.46	4.8	SR5	10/16/2019 12:35	28.79	78.4	5.49	4.2	SR5	10/16/2019 18:35	29.02	86.6	5.60	3.5
SR5	10/16/2019 0:40	28.89	81.8	5.73	4.4	SR5	10/16/2019 6:40	28.65	84.3	5.48	4.2	SR5	10/16/2019 12:40	28.78	78.8	5.52	4.5	SR5	10/16/2019 18:40	29.03	86.6	5.58	4.7
SR5	10/16/2019 0:45	28.89	81.2	5.68	4.5	SR5	10/16/2019 6:45	28.62	84.7	5.51	4.6	SR5	10/16/2019 12:45	28.81	78.1	5.46	4.5	SR5	10/16/2019 18:45	29.05	85.3	5.50	4.1
SR5	10/16/2019 0:50	28.88	81.3	5.22	4.1	SR5	10/16/2019 6:50	28.64	86.0	5.60	4.3	SR5	10/16/2019 12:50	29.01	77.6	5.42	3.8	SR5	10/16/2019 18:50	28.97	87.3	5.65	3.7
SR5	10/16/2019 0:55	28.89	81.6	5.24	3.9	SR5	10/16/2019 6:55	28.65	85.3	5.54	4.5	SR5	10/16/2019 12:55	28.82	79.4	5.54	4.1	SR5	10/16/2019 18:55	29.04	85.6	5.52	3.9
SR5	10/16/2019 1:00	28.89	81.6	5.24	4.1	SR5	10/16/2019 7:00	28.64	85.3	5.54	4.4	SR5	10/16/2019 13:00	28.82	80.5	5.63	3.3	SR5	10/16/2019 19:00	29.05	84.7	5.46	3.8
SR5	10/16/2019 1:05	28.86	82.2	5.28	4.6	SR5	10/16/2019 7:05	28.62	84.6	5.50	4.3	SR5	10/16/2019 13:05	28.84	81.5	5.70	3.7	SR5	10/16/2019 19:05	29.04	85.3	5.50	4.1
SR5	10/16/2019 1:10	28.87	82.1	5.28	4.1	SR5	10/16/2019 7:10	28.63	82.9	5.39	3.9	SR5	10/16/2019 13:10	28.83	80.5	5.63	3.5	SR5	10/16/2019 19:10	29.03	85.2	5.51	3.8
SR5	10/16/2019 1:15	28.88	82.0	5.27	4.2	SR5	10/16/2019 7:15	28.72	83.5	5.43	3.9	SR5	10/16/2019 13:15	28.83	78.8	5.50	3.5	SR5	10/16/2019 19:15	29.01	85.0	5.50	4.0
SR5	10/16/2019 1:20	28.86	82.7	5.32	4.2	SR5	10/16/2019 7:20	28.77	83.6	5.41	4.3	SR5	10/16/2019 13:20	28.84	78.9	5.50	3.4	SR5	10/16/2019 19:20	29.00	84.7	5.49	3.8
SR5	10/16/2019 1:25	28.88	82.5	5.31	4.4	SR5	10/16/2019 7:25	28.73	83.3	5.40	4.4	SR5	10/16/2019 13:25	28.83	79.7	5.57	5.1	SR5	10/16/2019 19:25	28.99	84.4	5.46	4.2
SR5	10/16/2019 1:30	28.89	82.4	5.30	4.3	SR5	10/16/2019 7:30	28.60	83.3	5.42	4.7	SR5	10/16/2019 13:30	28.82	78.6	5.49	3.3	SR5	10/16/2019 19:30	28.98	85.1	5.50	4.2
SR5	10/16/2019 1:35	28.89	82.5	5.30	4.2	SR5	10/16/2019 7:35	28.68	83.8	5.44	4.2	SR5	10/16/2019 13:35	28.84	81.5	5.24	3.6	SR5	10/16/2019 19:35	28.98	84.9	5.48	4.6
SR5	10/16/2019 1:40	28.89	82.2	5.29	5.1	SR5	10/16/2019 7:40	28.67	83.7	5.43	4.1	SR5	10/16/2019 13:40	28.88	82.2	5.28	3.5	SR5	10/16/2019 19:40	28.98	84.9	5.48	3.7
SR5	10/16/2019 1:45	28.90	82.4	5.30	4.9	SR5	10/16/2019 7:45	28.67	84.2	5.46	5.0	SR5	10/16/2019 13:45	28.88	81.8	5.26	4.2	SR5	10/16/2019 19:45	28.98	84.8	5.47	3.7
SR5	10/16/2019 1:50	28.93	82.2	5.28	4.4	SR5	10/16/2019 7:50	28.70	84.3	5.47	4.3	SR5	10/16/2019 13:50	28.90	82.3	5.29	4.0	SR5	10/16/2019 19:50	28.99	83.9	5.43	3.8
SR5	10/16/2019 1:55	28.93	81.8	5.26	5.5	SR5	10/16/2019 7:55	28.73	83.9	5.44	4.4	SR5	10/16/2019 13:55	28.96	83.0	5.36	3.6	SR5	10/16/2019 19:55	28.99	84.0	5.43	3.8
SR5	10/16/2019 2:00	28.91	82.3	5.29	4.5	SR5	10/16/2019 8:00	28.70	83.1	5.39	5.1	SR5	10/16/2019 14:00	28.92	83.0	5.34	3.5	SR5	10/16/2019 20:00	28.99	83.9	5.42	3.6
SR5	10/16/2019 2:05	28.92	81.9	5.26	4.0	SR5	10/16/2019 8:05	28.74	82.9	5.36	5.0	SR5	10/16/2019 14:05	28.89	82.2	5.29	3.2	SR5	10/16/2019 20:05	28.95	83.9	5.43	4.4
SR5	10/16/2019 2:10	28.91	82.1	5.28	4.2	SR5	10/16/2019 8:10	28.73	82.9	5.36	5.3	SR5	10/16/2019 14:10	28.86	82.7	5.32	3.3	SR5	10/16/2019 20:10	28.96	83.7	5.41	4.3
SR5	10/16/2019 2:15	28.90	82.8	5.33	4.8	SR5	10/16/2019 8:15	28.72	82.7	5.37	4.4	SR5	10/16/2019 14:15	28.86	82.4	5.30	3.6	SR5	10/16/2019 20:15	28.96	82.7	5.35	4.1
SR5	10/16/2019 2:20	28.90	82.8	5.33	4.5	SR5	10/16/2019 8:20	28.71	82.7	5.36	4.1	SR5	10/16/2019 14:20	28.86	82.9	5.34	3.1	SR5	10/16/2019 20:20	28.96	83.9	5.41	4.3
SR5	10/16/2019 2:25	28.87	83.2	5.36	5.3	SR5	10/16/2019 8:25	28.70	82.3	5.33	4.7	SR5	10/16/2019 14:25	28.85	82.0	5.28	3.2	SR5	10/16/2019 20:25	28.95	82.7	5.33	3.8
SR5	10/16/2019 2:30	28.86	83.0	5.35	4.6	SR5	10/16/2019 8:30	28.73	82.3	5.33	4.5	SR5	10/16/2019 14:30	28.86	82.1	5.29	3.6	SR5	10/16/2019 20:30	28.93	82.1	5.29	4.5
SR5	10/16/2019 2:35	28.85	83.1	5.36	4.1	SR5	10/16/2019 8:35	28.73	82.2	5.31	4.9	SR5	10/16/2019 14:35	28.89	82.9	5.33	5.2	SR5	10/16/2019 20:35	28.92	81.8	5.28	4.0
SR5	10/16/2019 2:40	28.81	83.8	5.41	4.7	SR5	10/16/2019 8:40	28.72	82.0	5.30	4.6	SR5	10/16/2019 14:40	28.96	84.0	5.40	3.6	SR5	10/16/2019 20:40	28.89	81.8	5.28	4.1
SR5	10/16/2019 2:45	28.81	83.7	5.40	4.2	SR5	10/16/2019 8:45	28.71	82.3	5.33	4.9	SR5	10/16/2019 14:45	28.99	84.4	5.42	3.6	SR5	10/16/2019 20:45	28.88	79.4	5.55	3.9
SR5	10/16/2019 2:50	28.82	83.6	5.40	4.6	SR5	10/16/2019 8:50	28.71	82.4	5.33	5.5	SR5	10/16/2019 14:50	29.03	84.7	5.44	3.7	SR5	10/16/2019 20:50	28.89	77.7	5.42	3.8
SR5	10/16/2019 2:55	28.81	83.3	5.38	4.4	SR5	10/16/2019 8:55	28.70	82.1	5.32	4.1	SR5	10/16/2019 14:55	29.01	84.2	5.41	3.2	SR5	10/16/2019 20:55	28.87	79.2	5.53	3.8
SR5	10/16/2019 3:00	28.78	84.0	5.43	4.6	SR5	10/16/2019 9:00	28.66	82.2	5.33	4.4	SR5	10/16/2019 15:00	29.01	83.9	5.39	3.5	SR5	10/16/2019 21:00	28.87	81.0	5.68	4.0
SR5	10/16/2019 3:05	28.80	84.2	5.44	5.0	SR5	10/16/2019 9:05	28.63	82.8	5.38	4.6	SR5	10/16/2019 15:05	29.02	83.9	5.39	3.8	SR5	10/16/2019 21:05	28.87	81.0	5.67	3.9
SR5	10/16/2019 3:10	28.78	84.0	5.45	4.5	SR5	10/16/2019 9:10	28.70	81.9	5.30	6.2	SR5	10/16/2019 15:10	29.04	83.8	5.39	3.6	SR5	10/16/2019 21:10	28.87	77.6	5.41	4.0
SR5	10/16/2019 3:15	28.76	84.3	5.45	4.4	SR5	10/16/2019 9:15	28.72	81.9	5.29	4.5	SR5	10/16/2019 15:15	29.05	84.3	5.43	3.9	SR5	10/16/2019 21:15	28.87	80.6	5.64	4.0
SR5	10/16/2019 3:20	28.76	84.8	5.49	4.6	SR5	10/16/2019 9:20	28.74	81.3	5.25	5.0	SR5	10/16/2019 15:20	29.08	85.0	5.46	3.9	SR5	10/16/2019 21:20	28.86	79.9	5.59	4.1
SR5	10/16/2019 3:25	28.75	85.2	5.51	6.3	SR5	10/16/2019 9:25	28.74	81.7	5.29	3.8	SR5	10/16/2019 15:25	29.07	84.7	5.46	3.7	SR5	10/16/2019 21:25	28.87	78.8	5.50	4.6
SR5	10/16/2019 3:30	28.72	85.4	5.53	4.3	SR5	10/16/2019 9:30	28.76	81.3	5.26	4.3	SR5	10/16/2019 15:30	29.09	85.2	5.47	4.0	SR5	10/16/2019 21:30	28.87	78.7	5.49	3.4
SR5	10/16/2019 3:35	28.74	84.9	5.50	4.2	SR5	10/16/2019 9:35	28.76	81.4	5.28	4.5	SR5	10/16/2019 15:35	29.08	85.1	5.47	3.2	SR5	10/16/2019 21:35	28.85	78.4	5.47	2.7
SR5	10/16/2019 3:40	28.74	84.9	5.50	3.6	SR5	10/16/2019 9:40	28.75	81.6	5.29	4.3	SR5	10/16/2019 15:40	29.07	84.9	5.46	3.4	SR5	10/16/2019 21:40	28.86	80.3	5.62	3.9
SR5	10/16/2019 3:45	28.72	85.2	5.52	4.4	SR5	10/16/2019 9:45	28.77	81.3	5.25	5.4	SR5	10/16/2019 15:45	29.08	85.1	5.47	3.5	SR5	10/16/2019 21:45	28.86	78.4	5.48	4.3
SR5	10/16/2019 3:50	28.72	85.3	5.54	4.8	SR5	10/16/2019 9:50	28.77	81.4	5.27	5.5	SR5	10/16/2019 15:50	29.05	85.0	5.47	3.8	SR5	10/16/2019 21:50	28.87	78.5	5.48	4.5
SR5	10/16/2019 3:55	28.73	85.1	5.54	4.7	SR5	10/16/2019 9:55	28.77	80.9	5.24	3.6	SR5	10/16/2019 15:55	29.05	85.6	5.51	4.4	SR5	10/16/2019 21:55	28.86	79.3	5.55	3.7
SR5	10/16/2019 4:00	28.72	85.3	5.54	4.7	SR5	10/16/2019 10:00	28.77	80.9	5.68	4.4	SR5	10/16/2019 16:00	29.07	86.0	5.54	4.0	SR5	10/16/2019 22:00	28.85	80.4	5.62	4.5
SR5	10/16/2019 4:05	28.73	85.1	5.53	4.6	SR5	10/16/2019 10:05	28.78	81.6	5.72	3.4	SR5	10/16/2019 16:05	29.08	86.7	5.58	4.1	SR5	10/16/2019 22:05	28.85	79.2	5.53	3.3
SR5	10/16/2019 4:10	28.69	85.5	5.56	4.4	SR5	10/16/2019 10:10	28.78	81.0	5.68	4.3	SR5	10/16/2019 16:10	29.08	86.1	5.54	3.3	SR5	10/16/2019 22:10	28.85	78.6	5.49	4.8
SR5	10/16/2019 4:15	28.70	85.3	5.55	4.8	SR5	10/16/2019 10:15	28.78	81.3	5.70	4.6	SR5	10/16/2019 16:15	29.06	86.2	5.55	4.1	SR5	10/16/2019 22:15	28.85	78.5	5.49	4.7
SR5	10/16/2019 4:20	28.73	84.9	5.50	4.1	SR5	10/16/2019 10:20	28.79	80.0	5.62	4.3	SR5	10/16/2019 16:20	29.05	85.9	5.53	4.1	SR5	10/16/2019 22:20	28.84	79.3	5.55	3.9
SR5	10/16/2019 4:25	28.69	85.2	5.52	4.6	SR5	10/16/2019 10:25	28.80	80.8	5.67	3.9	SR5	10/16/2019 16:25	29.10	86.8	5.59	4.2	SR5	10/16/2019 22:25	28.85	78.8	5.51	4.7
SR5	10/16/2019 4:30	28.72	85.0	5.51	4.1	SR5	10/16/2019 10:30	28.81	82.5	5.80	4.0	SR5	10/16/2019 16:30	29.06	86.6	5.58	4.1	SR5	10/16/2019 22:30	28.84	79.6	5.57	3.3
SR5	10/16/2019 4:35	28.76	84.4	5.47	5.0	SR5	10/16/2019 10:35	28.81	80.2	5.63	5.2	SR5	10/16/2019 16:35	29.06	86.4	5.57	3.4	SR5	10/16/2019 22:35	28.84	80.2	5.61	4.0
SR5	10/16/2019 4:40	28.76	84.3	5.46	5.1	SR5	10/16/2019 10:40	28.81	81.9	5.76	4.4	SR5	10/16/2019 16:40	29.07	86.5	5.58	4.4	SR5	10/16/2019 22:40	28.84	77.2	5.38	3.1
SR5	10/16/2019 4:45	28.74	84.3	5.46	4.4	SR5	10/16/2019 10:45	28.82	80.5	5.64	4.8	SR5	10/16/2019 16:45	29.07	86.7	5.58	3.7	SR5	10/16/2019 22:45	28.83	78.4	5.48	2.7
SR5	10/16/2019 4:50	28.75	83.9	5.44	4.6	SR5	10/16/2019 10:50	28.81	79.2	5.55	4.9	SR5	10/16/2019 16:50	29.08	86.4	5.57	3.8	SR5	10/16/2019 22:50	28.83	77.8	5.43	4.6
SR5	10/16/2019 4:55	28.76	83.3	5.40	4.5	SR5	10/16/2019 10:55	28.83	78.8	5.52	4.3	SR5	10/16/2019 16:55	29.08	86.9	5.60	3.9	SR5	10/16/2019 22:55	28.82	77.7	5.43	4.0
SR5	10/16/2019 5:00	28.77	82.0	5.31	5.5	SR5	10/16/2019 11:00	28.83	79.7	5.58	5.3	SR5	10/16/2019 17:00	29.07	86.3	5.56	3.6	SR5	10/16/2019 23:00	28.82	79.0	5.52	4.4
SR5	10/16/2019 5:05	28.75	82.5	5.35	4.9	SR5	10/16/2019 11:05	28.83	78.1	5.46	4.3	SR5	10/16/2019 17:05	29.07	86.0	5.54	3.6	SR5	10/16/2019 23:05	28.81	78.5	5.49	4.7
SR5	10/16/2019 5:10	28.75	81.8	5.30	4.2	SR5	10/16/2019 11:10	28.83	79.8	5.60	4.7	SR5	10/16/2019 17:10	29.06	85.6	5.52	3.8	SR5	10/16/2019 23:10	28.81	78.3	5.48	4.5
SR5	10/16/2019 5:15	28.76	81.6	5.28	4.7	SR5	10/16/2019 11:15	28.83	80.7	5.66	5.3	SR5	10/16/2019 17:15	29.05	84.7	5.46	4.4	SR5	10/16/2019 23:15	28.82	79.7	5.57	3.5
SR5	10/16/2019 5:20	28.75	83.7	5.43	4.6	SR5	10/16/2019 11:20	28.83	77.9	5.45	4.3	SR5	10/16/2019 17:20	29.05	85.0	5.48	3.7	SR5	10/16/2019 23:20	28.82	78.0	5.44	3.0
SR5	10/16/2019 5:25	28.77	83.8	5.43	5.6	SR5	10/16/2019 11:25	28.82	79.2	5.54	4.6	SR5	10/16/2019 17:25	29.05	85.8	5.53	4.3	SR5	10/16/2019 23:25	28.82	80.8	5.66	3.2
SR5	10/16/2019 5:30	28.62	86.0	5.60	4.6	SR5	10/16/2019 11:30	28.82	79.4	5.56	4.4	SR5	10/16/2019 17:30	29.08	86.5	5.57	4.3	SR5	10/16/2019 23:30	28.82	79.2	5.54	3.6
SR5	10/16/2019 5:35	28.59	86.4	5.62	4.6	SR5	10/16/2019 11:35	28.80	78.9	5.52	4.0	SR5	10/16/2019 17:35	29.08	85.9	5.53	3.9	SR5	10/16/2019 23:35	28.81	80.9	5.66	3.4
SR5	10/16/2019 5:40	28.62	86.1	5.60	4.2	SR5	10/16/2019 11:40	28.80	78.4	5.48	4.8	SR5	10/16/2019 17:40	29.07	85.7	5.52	3.6	SR5	10/16/2019 23:40	28.81	80.2	5.62	3.8
SR5	10/16/2019 5:45	28.61	86.3	5.64	4.6	SR5	10/16/2019 11:45	28.80	77.9	5.45	4.5	SR5	10/16/2019 17:45	29.02	85.9	5.54	4.7	SR5	10/16/2019 23:45	28.81	78.7	5.50	5.0
SR5	10/16/2019 5:50	28.64	85.1	5.54	5.1	SR5	10/16/2019 11:50	28.81	78.9	5.52	3.9	SR5	10/16/2019 17:50	29.04	85.5	5.51	3.8	SR5	10/16/2019 23:50	28.81	79.2	5.54	5.5
SR5	10/16/2019 5:55	28.63	85.4	5.55	4.3	SR5	10/16/2019 11:55	28.80	78.6	5.50	4.6	SR5	10/16/2019 17:55	29.05	85.6	5.52	4.3	SR5	10/16/2019 23:55	28.81	78.2	5.47	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)
SR12	10/16/2019 0:01	28.83	83.8	5.95	4.3	SR12	10/16/2019 6:01	28.34	66.7	4.77	3.6	SR12	10/16/2019 12:01	28.27	90.4	6.46	6.4	SR12	10/16/2019 18:01	28.61	85.4	6.03	5.1
SR12	10/16/2019 0:06	28.83	83.2	5.90	3.2	SR12	10/16/2019 6:06	28.34	76.4	5.44	3.3	SR12	10/16/2019 12:06	28.26	89.6	6.40	5.3	SR12	10/16/2019 18:06	28.65	85.2	6.01	4.8
SR12	10/16/2019 0:11	28.83	84.0	5.94	4.3	SR12	10/16/2019 6:11	28.35	77.4	5.50	4.0	SR12	10/16/2019 12:11	28.28	89.7	6.36	4.9	SR12	10/16/2019 18:11	28.58	84.7	5.99	4.5
SR12	10/16/2019 0:16	28.83	84.1	5.96	5.3	SR12	10/16/2019 6:16	28.32	78.7	5.60	3.8	SR12	10/16/2019 12:16	28.29	89.8	6.42	5.4	SR12	10/16/2019 18:16	28.65	81.8	5.77	4.0
SR12	10/16/2019 0:21	28.83	84.2	5.97	6.4	SR12	10/16/2019 6:21	28.32	79.9	5.68	4.5	SR12	10/16/2019 12:21	28.29	89.6	6.32	5.4	SR12	10/16/2019 18:21	28.68	82.5	5.82	3.7
SR12	10/16/2019 0:26	28.83	83.9	5.94	5.3	SR12	10/16/2019 6:26	28.32	79.1	5.63	4.1	SR12	10/16/2019 12:26	28.29	89.7	6.42	4.7	SR12	10/16/2019 18:26	28.66	80.3	5.67	4.6
SR12	10/16/2019 0:31	28.83	83.6	5.92	5.3	SR12	10/16/2019 6:31	28.33	81.0	5.76	4.0	SR12	10/16/2019 12:31	28.30	89.9	6.37	4.8	SR12	10/16/2019 18:31	28.65	80.9	5.70	3.7
SR12	10/16/2019 0:36	28.83	83.9	5.94	4.7	SR12	10/16/2019 6:36	28.33	79.3	5.65	3.5	SR12	10/16/2019 12:36	28.31	90.8	6.40	5.1	SR12	10/16/2019 18:36	28.65	81.8	5.76	3.9
SR12	10/16/2019 0:41	28.81	84.3	5.97	5.8	SR12	10/16/2019 6:41	28.34	78.8	5.61	3.9	SR12	10/16/2019 12:41	28.31	90.5	6.43	5.6	SR12	10/16/2019 18:41	28.63	82.0	5.78	3.4
SR12	10/16/2019 0:46	28.79	83.9	5.95	4.7	SR12	10/16/2019 6:46	28.31	77.5	5.52	3.6	SR12	10/16/2019 12:46	28.31	89.5	6.30	5.1	SR12	10/16/2019 18:46	28.61	82.6	5.83	3.9
SR12	10/16/2019 0:51	28.78	84.1	5.96	4.1	SR12	10/16/2019 6:51	28.34	80.0	5.68	4.0	SR12	10/16/2019 12:51	28.31	88.9	6.32	4.6	SR12	10/16/2019 18:51	28.58	81.1	5.71	3.2
SR12	10/16/2019 0:56	28.76	84.8	6.00	5.8	SR12	10/16/2019 6:56	28.34	79.4	5.64	4.2	SR12	10/16/2019 12:56	28.32	89.9	6.35	4.3	SR12	10/16/2019 18:56	28.57	81.7	5.85	4.1
SR12	10/16/2019 1:01	28.77	84.3	5.97	5.3	SR12	10/16/2019 7:01	28.37	78.5	5.59	3.0	SR12	10/16/2019 13:01	28.33	90.4	6.35	4.6	SR12	10/16/2019 19:01	28.56	81.0	5.80	4.0
SR12	10/16/2019 1:06	28.75	82.2	5.85	3.8	SR12	10/16/2019 7:06	28.37	77.3	5.51	3.9	SR12	10/16/2019 13:06	28.36	90.2	6.36	4.6	SR12	10/16/2019 19:06	28.54	80.0	5.70	3.6
SR12	10/16/2019 1:11	28.76	80.8	5.74	5.1	SR12	10/16/2019 7:11	28.36	75.6	5.40	3.7	SR12	10/16/2019 13:11	28.35	89.7	6.39	4.7	SR12	10/16/2019 19:11	28.54	83.1	5.95	3.9
SR12	10/16/2019 1:16	28.77	81.0	5.76	4.1	SR12	10/16/2019 7:16	28.38	76.8	5.48	3.8	SR12	10/16/2019 13:16	28.35	91.1	6.42	5.7	SR12	10/16/2019 19:16	28.53	85.0	6.02	4.9
SR12	10/16/2019 1:21	28.79	82.2	5.84	4.4	SR12	10/16/2019 7:21	28.39	76.2	5.44	3.8	SR12	10/16/2019 13:21	28.35	90.9	6.41	4.2	SR12	10/16/2019 19:21	28.53	81.6	5.83	3.2
SR12	10/16/2019 1:26	28.80	81.0	5.75	4.6	SR12	10/16/2019 7:26	28.40	76.0	5.43	3.4	SR12	10/16/2019 13:26	28.35	90.6	6.37	4.3	SR12	10/16/2019 19:26	28.52	79.8	5.66	4.1
SR12	10/16/2019 1:31	28.80	81.8	5.81	6.2	SR12	10/16/2019 7:31	28.41	77.2	5.50	3.9	SR12	10/16/2019 13:31	28.34	90.4	6.38	4.8	SR12	10/16/2019 19:31	28.55	80.5	5.68	3.3
SR12	10/16/2019 1:36	28.79	81.4	5.79	4.8	SR12	10/16/2019 7:36	28.42	77.6	5.53	3.8	SR12	10/16/2019 13:36	28.34	90.4	6.39	4.7	SR12	10/16/2019 19:36	28.52	81.9	5.79	4.2
SR12	10/16/2019 1:41	28.79	81.8	5.81	5.1	SR12	10/16/2019 7:41	28.43	75.9	5.41	3.1	SR12	10/16/2019 13:41	28.32	88.7	6.28	5.2	SR12	10/16/2019 19:41	28.54	79.0	5.59	3.3
SR12	10/16/2019 1:46	28.75	83.2	5.90	5.9	SR12	10/16/2019 7:46	28.40	75.0	5.36	3.1	SR12	10/16/2019 13:46	28.32	87.7	6.19	5.2	SR12	10/16/2019 19:46	28.57	77.3	5.39	5.6
SR12	10/16/2019 1:51	28.64	82.7	5.87	5.3	SR12	10/16/2019 7:51	28.44	78.9	5.63	5.1	SR12	10/16/2019 13:51	28.34	89.7	6.35	5.4	SR12	10/16/2019 19:51	28.59	79.7	5.57	4.1
SR12	10/16/2019 1:56	28.55	81.7	5.80	5.1	SR12	10/16/2019 7:56	28.46	80.9	5.77	4.0	SR12	10/16/2019 13:56	28.33	88.0	6.21	5.2	SR12	10/16/2019 19:56	28.59	79.7	5.58	5.0
SR12	10/16/2019 2:01	28.46	81.8	5.80	4.1	SR12	10/16/2019 8:01	28.46	81.5	5.81	5.0	SR12	10/16/2019 14:01	28.32	88.2	6.22	8.2	SR12	10/16/2019 20:01	28.55	83.8	5.86	5.6
SR12	10/16/2019 2:06	28.45	80.8	5.72	4.0	SR12	10/16/2019 8:06	28.47	81.9	5.83	4.1	SR12	10/16/2019 14:06	28.34	88.2	6.22	5.0	SR12	10/16/2019 20:06	28.53	84.0	5.98	5.2
SR12	10/16/2019 2:11	28.45	82.2	5.81	5.1	SR12	10/16/2019 8:11	28.48	83.2	5.92	5.2	SR12	10/16/2019 14:11	28.32	87.5	6.20	6.4	SR12	10/16/2019 20:11	28.52	84.6	5.90	5.7
SR12	10/16/2019 2:16	28.45	81.0	5.73	4.5	SR12	10/16/2019 8:16	28.47	83.1	5.92	4.9	SR12	10/16/2019 14:16	28.33	87.4	6.19	6.9	SR12	10/16/2019 20:16	28.53	82.4	5.76	4.5
SR12	10/16/2019 2:21	28.45	79.9	5.65	4.8	SR12	10/16/2019 8:21	28.48	83.1	5.92	4.9	SR12	10/16/2019 14:21	28.33	85.9	6.10	6.4	SR12	10/16/2019 20:21	28.55	79.7	5.56	4.0
SR12	10/16/2019 2:26	28.45	80.9	5.73	5.2	SR12	10/16/2019 8:26	28.48	83.3	5.92	4.3	SR12	10/16/2019 14:26	28.32	85.7	6.06	5.5	SR12	10/16/2019 20:26	28.52	80.0	5.71	5.6
SR12	10/16/2019 2:31	28.45	80.9	5.74	7.7	SR12	10/16/2019 8:31	28.48	84.9	6.04	5.0	SR12	10/16/2019 14:31	28.33	86.0	6.07	6.0	SR12	10/16/2019 20:31	28.49	86.2	6.16	7.2
SR12	10/16/2019 2:36	28.45	81.7	5.80	6.1	SR12	10/16/2019 8:36	28.48	83.1	5.92	**10.5**	SR12	10/16/2019 14:36	28.33	86.1	6.07	5.9	SR12	10/16/2019 20:36	28.49	85.7	5.98	5.8
SR12	10/16/2019 2:41	28.45	83.3	5.89	5.8	SR12	10/16/2019 8:41	28.47	82.8	5.90	9.8	SR12	10/16/2019 14:41	28.34	87.0	6.14	5.9	SR12	10/16/2019 20:41	28.49	85.2	5.95	6.0
SR12	10/16/2019 2:46	28.45	83.0	5.87	4.8	SR12	10/16/2019 8:46	28.47	84.0	5.99	**11.0**	SR12	10/16/2019 14:46	28.37	86.2	6.09	5.1	SR12	10/16/2019 20:46	28.49	86.0	6.02	6.7
SR12	10/16/2019 2:51	28.45	82.1	5.81	4.9	SR12	10/16/2019 8:51	28.47	84.6	6.02	4.9	SR12	10/16/2019 14:51	28.36	87.3	6.17	5.7	SR12	10/16/2019 20:51	28.48	86.7	6.03	5.7
SR12	10/16/2019 2:56	28.45	82.5	5.84	4.2	SR12	10/16/2019 8:56	28.46	85.3	6.06	5.4	SR12	10/16/2019 14:56	28.34	85.9	6.06	5.0	SR12	10/16/2019 20:56	28.47	87.5	6.11	5.8
SR12	10/16/2019 3:01	28.44	84.0	5.94	5.1	SR12	10/16/2019 9:01	28.45	85.7	6.10	4.9	SR12	10/16/2019 15:01	28.34	86.3	6.08	7.2	SR12	10/16/2019 21:01	28.47	86.8	6.06	4.8
SR12	10/16/2019 3:06	28.44	85.3	6.04	4.5	SR12	10/16/2019 9:06	28.46	85.2	6.06	4.4	SR12	10/16/2019 15:06	28.34	85.8	6.06	5.2	SR12	10/16/2019 21:06	28.48	88.0	6.13	6.2
SR12	10/16/2019 3:11	28.43	84.3	5.99	4.6	SR12	10/16/2019 9:11	28.47	85.4	6.08	4.6	SR12	10/16/2019 15:11	28.35	85.5	6.04	5.3	SR12	10/16/2019 21:11	28.48	87.4	6.12	5.9
SR12	10/16/2019 3:16	28.39	81.5	5.79	4.1	SR12	10/16/2019 9:16	28.47	86.1	6.13	5.3	SR12	10/16/2019 15:16	28.35	86.2	6.09	6.1	SR12	10/16/2019 21:16	28.48	86.7	6.04	6.2
SR12	10/16/2019 3:21	28.38	84.1	5.98	4.3	SR12	10/16/2019 9:21	28.46	86.0	6.12	5.0	SR12	10/16/2019 15:21	28.33	85.3	6.04	6.0	SR12	10/16/2019 21:21	28.49	87.3	6.12	5.9
SR12	10/16/2019 3:26	28.39	82.7	5.88	4.0	SR12	10/16/2019 9:26	28.46	85.3	6.07	4.5	SR12	10/16/2019 15:26	28.34	85.2	6.03	5.8	SR12	10/16/2019 21:26	28.47	85.8	5.98	5.0
SR12	10/16/2019 3:31	28.39	84.3	6.00	4.5	SR12	10/16/2019 9:31	28.45	86.5	6.17	4.8	SR12	10/16/2019 15:31	28.41	86.7	6.14	6.0	SR12	10/16/2019 21:31	28.45	84.7	5.93	5.1
SR12	10/16/2019 3:36	28.39	82.8	5.89	4.2	SR12	10/16/2019 9:36	28.44	85.7	6.09	5.0	SR12	10/16/2019 15:36	28.36	86.7	6.14	6.1	SR12	10/16/2019 21:36	28.53	83.3	5.80	5.2
SR12	10/16/2019 3:41	28.40	82.1	5.83	3.8	SR12	10/16/2019 9:41	28.43	86.3	6.14	6.4	SR12	10/16/2019 15:41	28.37	86.7	6.12	5.3	SR12	10/16/2019 21:41	28.53	82.5	5.75	8.9
SR12	10/16/2019 3:46	28.42	83.3	5.91	4.2	SR12	10/16/2019 9:46	28.41	86.2	6.13	5.1	SR12	10/16/2019 15:46	28.36	86.1	6.10	7.5	SR12	10/16/2019 21:46	28.53	82.3	5.74	5.4
SR12	10/16/2019 3:51	28.41	83.0	5.89	3.9	SR12	10/16/2019 9:51	28.39	86.5	6.15	4.9	SR12	10/16/2019 15:51	28.36	85.2	6.01	5.4	SR12	10/16/2019 21:51	28.52	82.7	5.75	5.3
SR12	10/16/2019 3:56	28.40	83.6	5.93	3.9	SR12	10/16/2019 9:56	28.36	88.2	6.28	5.1	SR12	10/16/2019 15:56	28.47	87.5	6.17	5.7	SR12	10/16/2019 21:56	28.51	85.1	5.95	5.5
SR12	10/16/2019 4:01	28.40	84.6	6.01	4.5	SR12	10/16/2019 10:01	28.35	88.5	6.29	4.4	SR12	10/16/2019 16:01	28.46	87.3	6.18	4.7	SR12	10/16/2019 22:01	28.49	85.8	5.97	6.1
SR12	10/16/2019 4:06	28.41	84.5	6.00	4.6	SR12	10/16/2019 10:06	28.26	90.0	6.39	4.6	SR12	10/16/2019 16:06	28.52	88.7	6.26	4.2	SR12	10/16/2019 22:06	28.48	87.6	6.09	6.7
SR12	10/16/2019 4:11	28.42	83.9	5.95	4.1	SR12	10/16/2019 10:11	28.24	90.1	6.42	4.0	SR12	10/16/2019 16:11	28.57	88.9	6.26	4.8	SR12	10/16/2019 22:11	28.47	86.6	6.02	6.3
SR12	10/16/2019 4:16	28.42	84.2	5.97	3.8	SR12	10/16/2019 10:16	28.27	90.2	6.43	4.7	SR12	10/16/2019 16:16	28.58	88.8	6.27	4.6	SR12	10/16/2019 22:16	28.47	86.7	6.03	6.1
SR12	10/16/2019 4:21	28.42	84.7	6.02	4.4	SR12	10/16/2019 10:21	28.25	88.1	6.27	4.1	SR12	10/16/2019 16:21	28.55	89.2	6.29	4.3	SR12	10/16/2019 22:21	28.47	87.5	6.10	7.4
SR12	10/16/2019 4:26	28.42	84.0	5.95	4.9	SR12	10/16/2019 10:26	28.12	87.7	6.26	4.1	SR12	10/16/2019 16:26	28.56	88.2	6.23	4.3	SR12	10/16/2019 22:26	28.47	86.4	6.01	6.4
SR12	10/16/2019 4:31	28.42	82.6	5.87	3.8	SR12	10/16/2019 10:31	28.11	87.7	6.25	4.1	SR12	10/16/2019 16:31	28.59	88.9	6.25	5.1	SR12	10/16/2019 22:31	28.47	86.3	6.01	5.8
SR12	10/16/2019 4:36	28.42	84.2	5.97	4.5	SR12	10/16/2019 10:36	28.14	90.2	6.43	4.8	SR12	10/16/2019 16:36	28.57	88.9	6.28	4.6	SR12	10/16/2019 22:36	28.46	87.3	6.07	6.9
SR12	10/16/2019 4:41	28.43	85.0	6.03	5.2	SR12	10/16/2019 10:41	28.19	90.2	6.41	4.3	SR12	10/16/2019 16:41	28.62	87.5	6.15	4.7	SR12	10/16/2019 22:41	28.45	87.2	6.22	6.2
SR12	10/16/2019 4:46	28.43	83.8	5.95	3.8	SR12	10/16/2019 10:46	28.24	91.3	6.50	4.4	SR12	10/16/2019 16:46	28.74	87.3	6.12	4.1	SR12	10/16/2019 22:46	28.43	86.2	6.03	6.2
SR12	10/16/2019 4:51	28.43	82.7	5.89	4.3	SR12	10/16/2019 10:51	28.25	90.0	6.41	5.8	SR12	10/16/2019 16:51	28.73	87.5	6.17	6.0	SR12	10/16/2019 22:51	28.43	88.0	6.14	6.2
SR12	10/16/2019 4:56	28.43	80.7	5.74	3.6	SR12	10/16/2019 10:56	28.26	89.2	6.35	5.0	SR12	10/16/2019 16:56	28.70	86.6	6.12	4.2	SR12	10/16/2019 22:56	28.43	87.8	6.12	6.1
SR12	10/16/2019 5:01	28.44	82.7	5.88	4.4	SR12	10/16/2019 11:01	28.27	89.4	6.37	4.9	SR12	10/16/2019 17:01	28.72	88.0	6.18	4.8	SR12	10/16/2019 23:01	28.42	87.3	6.08	5.8
SR12	10/16/2019 5:06	28.44	81.5	5.80	3.8	SR12	10/16/2019 11:06	28.29	90.1	6.41	5.8	SR12	10/16/2019 17:06	28.74	86.9	6.14	3.8	SR12	10/16/2019 23:06	28.42	87.4	6.08	6.5
SR12	10/16/2019 5:11	28.44	82.1	5.85	4.5	SR12	10/16/2019 11:11	28.30	89.3	6.35	5.4	SR12	10/16/2019 17:11	28.73	87.3	6.16	4.2	SR12	10/16/2019 23:11	28.42	86.8	6.17	5.4
SR12	10/16/2019 5:16	28.44	82.6	5.88	4.5	SR12	10/16/2019 11:16	28.30	89.6	6.38	5.3	SR12	10/16/2019 17:16	28.71	88.0	6.20	4.3	SR12	10/16/2019 23:16	28.42	86.6	6.02	5.9
SR12	10/16/2019 5:21	28.43	80.2	5.72	5.7	SR12	10/16/2019 11:21	28.30	89.4	6.36	5.7	SR12	10/16/2019 17:21	28.62	87.3	6.16	4.5	SR12	10/16/2019 23:21	28.42	85.9	6.00	6.0
SR12	10/16/2019 5:26	28.43	82.7	5.88	4.9	SR12	10/16/2019 11:26	28.29	90.9	6.48	7.1	SR12	10/16/2019 17:26	28.67	87.0	6.12	3.8	SR12	10/16/2019 23:26	28.42	83.8	5.87	4.5
SR12	10/16/2019 5:31	28.42	82.1	5.84	4.7	SR12	10/16/2019 11:31	28.30	90.1	6.41	6.4	SR12	10/16/2019 17:31	28.68	86.9	6.11	4.4	SR12	10/16/2019 23:31	28.41	84.3	5.95	5.2
SR12	10/16/2019 5:36	28.41	80.0	5.69	4.4	SR12	10/16/2019 11:36	28.29	90.2	6.42	6.9	SR12	10/16/2019 17:36	28.67	86.8	6.11	3.6	SR12	10/16/2019 23:36	28.41	85.8	6.00	7.0
SR12	10/16/2019 5:41	28.39	80.2	5.71	3.9	SR12	10/16/2019 11:41	28.27	89.9	6.39	6.6	SR12	10/16/2019 17:41	28.66	87.0	6.14	5.4	SR12	10/16/2019 23:41	28.40	86.3	6.03	6.2
SR12	10/16/2019 5:46	28.38	80.7	5.74	4.0	SR12	10/16/2019 11:46	28.27	89.9	6.40	6.2	SR12	10/16/2019 17:46	28.67	86.7	6.10	4.8	SR12	10/16/2019 23:46	28.39	85.4	6.10	5.1
SR12	10/16/2019 5:51	28.38	80.4	5.70	4.1	SR12	10/16/2019 11:51	28.27	90.1	6.41	5.9	SR12	10/16/2019 17:51	28.65	86.2	6.09	5.0	SR12	10/16/2019 23:51	28.39	85.0	6.06	4.8
SR12	10/16/2019 5:56	28.33	71.9	5.13	3.5	SR12	10/16/2019 11:56	28.28	90.3	6.43	5.3	SR12	10/16/2019 17:56	28.62	85.9	6.05	5.1	SR12	10/16/2019 23:56	28.39	87.3	6.08	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	10/16/2019 0:00	28.86	83.0	6.05	2.8	SR13	10/16/2019 6:00	28.42	82.0	5.97	3.8	SR13	10/16/2019 12:00	28.10	78.3	5.73	3.6	SR13	10/16/2019 18:00	28.05	85.3	6.13	6.5
SR13	10/16/2019 0:05	28.83	83.5	6.08	3.2	SR13	10/16/2019 6:05	28.41	81.8	5.94	4.7	SR13	10/16/2019 12:05	28.10	78.1	5.63	3.7	SR13	10/16/2019 18:05	28.05	84.3	6.07	5.4
SR13	10/16/2019 0:10	28.76	83.0	6.06	4.1	SR13	10/16/2019 6:10	28.40	81.9	5.95	3.8	SR13	10/16/2019 12:10	28.09	77.3	5.59	4.6	SR13	10/16/2019 18:10	27.99	83.6	6.01	4.5
SR13	10/16/2019 0:15	28.78	83.1	6.07	3.8	SR13	10/16/2019 6:15	28.39	82.2	5.97	4.1	SR13	10/16/2019 12:15	28.11	77.3	5.60	4.2	SR13	10/16/2019 18:15	28.00	83.4	6.00	5.3
SR13	10/16/2019 0:20	28.74	82.4	6.02	3.5	SR13	10/16/2019 6:20	28.38	81.6	5.92	5.1	SR13	10/16/2019 12:20	28.11	78.1	5.68	5.0	SR13	10/16/2019 18:20	28.02	84.6	6.08	5.8
SR13	10/16/2019 0:25	28.73	82.6	6.04	3.8	SR13	10/16/2019 6:25	28.38	81.8	5.94	4.5	SR13	10/16/2019 12:25	28.12	78.3	5.67	4.4	SR13	10/16/2019 18:25	28.05	84.8	6.09	4.2
SR13	10/16/2019 0:30	28.81	83.1	6.06	4.2	SR13	10/16/2019 6:30	28.38	80.0	5.83	4.4	SR13	10/16/2019 12:30	28.12	77.4	5.60	4.3	SR13	10/16/2019 18:30	28.08	85.4	6.14	5.7
SR13	10/16/2019 0:35	28.81	82.6	6.03	4.4	SR13	10/16/2019 6:35	28.39	80.2	5.82	5.7	SR13	10/16/2019 12:35	28.13	76.9	5.67	3.2	SR13	10/16/2019 18:35	28.08	84.3	6.08	5.0
SR13	10/16/2019 0:40	28.76	80.9	5.91	3.0	SR13	10/16/2019 6:40	28.39	79.4	5.78	4.2	SR13	10/16/2019 12:40	28.14	76.3	5.61	4.5	SR13	10/16/2019 18:40	28.09	84.6	6.08	6.3
SR13	10/16/2019 0:45	28.80	82.4	6.01	3.5	SR13	10/16/2019 6:45	28.39	80.1	5.82	4.3	SR13	10/16/2019 12:45	28.15	76.9	5.56	4.0	SR13	10/16/2019 18:45	28.09	84.6	6.08	5.3
SR13	10/16/2019 0:50	28.66	83.4	6.09	4.0	SR13	10/16/2019 6:50	28.39	80.0	5.82	4.2	SR13	10/16/2019 12:50	28.17	76.6	5.62	4.4	SR13	10/16/2019 18:50	28.10	84.5	6.06	7.6
SR13	10/16/2019 0:55	28.67	83.8	6.12	3.9	SR13	10/16/2019 6:55	28.39	80.5	5.84	4.6	SR13	10/16/2019 12:55	28.19	76.9	5.56	3.4	SR13	10/16/2019 18:55	28.11	84.1	6.04	5.9
SR13	10/16/2019 1:00	28.65	83.2	6.04	4.1	SR13	10/16/2019 7:00	28.39	80.4	5.85	5.0	SR13	10/16/2019 13:00	28.20	77.1	5.57	3.3	SR13	10/16/2019 19:00	28.11	84.5	6.09	5.0
SR13	10/16/2019 1:05	28.68	83.6	6.10	5.0	SR13	10/16/2019 7:05	28.39	80.8	5.87	4.4	SR13	10/16/2019 13:05	28.21	75.7	5.47	4.7	SR13	10/16/2019 19:05	28.10	83.5	6.01	5.9
SR13	10/16/2019 1:10	28.59	82.8	6.00	5.3	SR13	10/16/2019 7:10	28.32	81.7	5.93	6.5	SR13	10/16/2019 13:10	28.20	76.9	5.60	4.6	SR13	10/16/2019 19:10	28.10	84.0	6.04	6.8
SR13	10/16/2019 1:15	28.67	80.8	5.93	3.9	SR13	10/16/2019 7:15	28.25	81.1	5.89	4.7	SR13	10/16/2019 13:15	28.22	77.7	5.60	5.2	SR13	10/16/2019 19:15	28.11	84.4	6.06	6.2
SR13	10/16/2019 1:20	28.64	84.2	6.10	4.9	SR13	10/16/2019 7:20	28.22	80.9	5.88	5.0	SR13	10/16/2019 13:20	28.23	77.5	5.61	3.5	SR13	10/16/2019 19:20	28.11	83.7	6.01	7.2
SR13	10/16/2019 1:25	28.62	83.5	6.06	3.9	SR13	10/16/2019 7:25	28.20	79.8	5.80	9.2	SR13	10/16/2019 13:25	28.23	77.8	5.72	3.7	SR13	10/16/2019 19:25	28.10	83.9	6.01	7.4
SR13	10/16/2019 1:30	28.63	82.6	6.03	4.4	SR13	10/16/2019 7:30	28.21	80.0	5.82	3.7	SR13	10/16/2019 13:30	28.24	78.3	5.74	4.2	SR13	10/16/2019 19:30	28.10	84.0	6.02	7.0
SR13	10/16/2019 1:35	28.67	80.9	5.88	4.7	SR13	10/16/2019 7:35	28.21	80.4	5.84	4.2	SR13	10/16/2019 13:35	28.25	78.5	5.67	4.0	SR13	10/16/2019 19:35	28.10	83.7	6.12	6.1
SR13	10/16/2019 1:40	28.65	80.8	5.91	4.1	SR13	10/16/2019 7:40	28.20	80.0	5.80	4.7	SR13	10/16/2019 13:40	28.23	74.9	5.50	4.5	SR13	10/16/2019 19:40	28.11	83.8	6.02	7.3
SR13	10/16/2019 1:45	28.63	81.3	5.91	3.4	SR13	10/16/2019 7:45	28.20	79.1	5.81	4.4	SR13	10/16/2019 13:45	28.23	72.7	5.37	4.1	SR13	10/16/2019 19:45	28.06	83.4	6.00	7.0
SR13	10/16/2019 1:50	28.59	82.9	6.02	5.6	SR13	10/16/2019 7:50	28.20	79.5	5.84	4.6	SR13	10/16/2019 13:50	28.23	76.5	5.54	4.8	SR13	10/16/2019 19:50	28.05	83.0	5.97	6.8
SR13	10/16/2019 1:55	28.58	83.2	6.05	4.1	SR13	10/16/2019 7:55	28.19	79.8	5.83	5.0	SR13	10/16/2019 13:55	28.24	77.6	5.61	4.9	SR13	10/16/2019 19:55	28.06	83.3	5.99	6.0
SR13	10/16/2019 2:00	28.54	82.0	6.01	3.5	SR13	10/16/2019 8:00	28.19	80.0	5.87	5.7	SR13	10/16/2019 14:00	28.23	77.3	5.58	5.6	SR13	10/16/2019 20:00	28.05	83.3	5.98	5.7
SR13	10/16/2019 2:05	28.53	82.4	6.00	3.8	SR13	10/16/2019 8:05	28.19	80.6	5.86	5.7	SR13	10/16/2019 14:05	28.22	78.1	5.65	6.3	SR13	10/16/2019 20:05	28.05	83.3	5.98	6.1
SR13	10/16/2019 2:10	28.53	82.5	6.00	3.6	SR13	10/16/2019 8:10	28.19	80.4	5.88	4.8	SR13	10/16/2019 14:10	28.21	78.4	5.73	6.3	SR13	10/16/2019 20:10	28.07	83.3	6.00	4.9
SR13	10/16/2019 2:15	28.55	82.4	5.99	4.5	SR13	10/16/2019 8:15	28.20	80.0	5.82	5.2	SR13	10/16/2019 14:15	28.21	79.2	5.80	4.2	SR13	10/16/2019 20:15	28.06	83.4	6.00	6.5
SR13	10/16/2019 2:20	28.55	81.7	5.94	3.8	SR13	10/16/2019 8:20	28.21	80.2	5.82	4.6	SR13	10/16/2019 14:20	28.20	78.5	5.75	4.0	SR13	10/16/2019 20:20	28.06	83.5	5.99	5.8
SR13	10/16/2019 2:25	28.49	81.4	5.92	3.7	SR13	10/16/2019 8:25	28.20	80.9	5.88	5.6	SR13	10/16/2019 14:25	28.19	78.5	5.67	4.9	SR13	10/16/2019 20:25	28.06	83.6	5.98	5.9
SR13	10/16/2019 2:30	28.49	82.2	5.99	3.6	SR13	10/16/2019 8:30	28.19	81.1	5.89	5.1	SR13	10/16/2019 14:30	28.17	77.8	5.63	4.4	SR13	10/16/2019 20:30	28.06	82.9	5.95	5.7
SR13	10/16/2019 2:35	28.46	80.9	5.89	4.4	SR13	10/16/2019 8:35	28.19	80.6	5.81	4.2	SR13	10/16/2019 14:35	28.18	78.8	5.77	4.9	SR13	10/16/2019 20:35	28.06	81.2	5.91	5.4
SR13	10/16/2019 2:40	28.47	80.6	5.88	4.2	SR13	10/16/2019 8:40	28.16	80.2	5.78	5.0	SR13	10/16/2019 14:40	28.16	78.6	5.66	4.3	SR13	10/16/2019 20:40	28.07	81.6	5.94	6.6
SR13	10/16/2019 2:45	28.45	81.5	5.93	4.6	SR13	10/16/2019 8:45	28.19	80.8	5.85	4.6	SR13	10/16/2019 14:45	28.16	78.4	5.65	3.9	SR13	10/16/2019 20:45	28.07	81.7	5.94	5.6
SR13	10/16/2019 2:50	28.45	81.7	5.94	3.9	SR13	10/16/2019 8:50	28.18	79.2	5.73	4.1	SR13	10/16/2019 14:50	28.15	77.6	5.60	4.6	SR13	10/16/2019 20:50	28.08	81.5	5.93	5.3
SR13	10/16/2019 2:55	28.44	81.9	5.95	4.9	SR13	10/16/2019 8:55	28.21	79.3	5.81	4.0	SR13	10/16/2019 14:55	28.12	77.4	5.59	3.5	SR13	10/16/2019 20:55	28.09	81.7	5.96	5.6
SR13	10/16/2019 3:00	28.44	79.6	5.80	3.7	SR13	10/16/2019 9:00	28.22	79.0	5.70	4.6	SR13	10/16/2019 15:00	28.12	77.8	5.72	3.8	SR13	10/16/2019 21:00	28.07	82.5	6.00	5.7
SR13	10/16/2019 3:05	28.44	80.0	5.82	5.5	SR13	10/16/2019 9:05	28.24	79.2	5.72	4.9	SR13	10/16/2019 15:05	28.11	77.6	5.60	5.1	SR13	10/16/2019 21:05	28.08	82.0	5.96	5.2
SR13	10/16/2019 3:10	28.40	82.2	5.98	5.0	SR13	10/16/2019 9:10	28.25	79.1	5.71	4.3	SR13	10/16/2019 15:10	28.11	77.7	5.60	4.6	SR13	10/16/2019 21:10	28.08	81.8	5.95	6.6
SR13	10/16/2019 3:15	28.40	82.4	5.99	5.3	SR13	10/16/2019 9:15	28.26	79.4	5.81	4.5	SR13	10/16/2019 15:15	28.09	78.1	5.64	4.4	SR13	10/16/2019 21:15	28.08	81.6	5.95	6.0
SR13	10/16/2019 3:20	28.40	81.8	5.93	4.8	SR13	10/16/2019 9:20	28.25	79.5	5.84	5.1	SR13	10/16/2019 15:20	28.09	78.8	5.69	4.2	SR13	10/16/2019 21:20	28.12	82.2	5.99	5.3
SR13	10/16/2019 3:25	28.39	83.1	6.02	4.4	SR13	10/16/2019 9:25	28.24	79.9	5.75	4.7	SR13	10/16/2019 15:25	28.09	78.4	5.66	3.1	SR13	10/16/2019 21:25	28.11	81.5	5.94	5.9
SR13	10/16/2019 3:30	28.39	83.0	6.03	4.5	SR13	10/16/2019 9:30	28.24	80.3	5.79	5.4	SR13	10/16/2019 15:30	28.05	78.3	5.66	4.6	SR13	10/16/2019 21:30	28.14	81.7	5.95	4.8
SR13	10/16/2019 3:35	28.40	83.2	6.04	4.7	SR13	10/16/2019 9:35	28.24	80.1	5.79	4.4	SR13	10/16/2019 15:35	28.06	80.0	5.78	4.8	SR13	10/16/2019 21:35	28.17	84.7	6.17	6.1
SR13	10/16/2019 3:40	28.39	84.4	6.12	4.8	SR13	10/16/2019 9:40	28.23	79.7	5.73	4.0	SR13	10/16/2019 15:40	28.07	80.8	5.82	3.8	SR13	10/16/2019 21:40	28.17	83.8	6.12	5.1
SR13	10/16/2019 3:45	28.41	83.1	6.03	4.1	SR13	10/16/2019 9:45	28.22	79.7	5.75	4.3	SR13	10/16/2019 15:45	28.06	80.6	5.82	3.7	SR13	10/16/2019 21:45	28.16	84.1	6.14	6.0
SR13	10/16/2019 3:50	28.40	82.8	6.01	4.9	SR13	10/16/2019 9:50	28.19	79.2	5.71	4.9	SR13	10/16/2019 15:50	28.02	80.5	5.81	4.7	SR13	10/16/2019 21:50	28.18	83.8	6.12	6.4
SR13	10/16/2019 3:55	28.41	82.7	6.01	4.7	SR13	10/16/2019 9:55	28.18	79.4	5.71	4.0	SR13	10/16/2019 15:55	28.02	81.2	5.87	4.1	SR13	10/16/2019 21:55	28.18	83.9	6.12	6.1
SR13	10/16/2019 4:00	28.40	82.3	5.99	4.6	SR13	10/16/2019 10:00	28.18	79.2	5.71	3.7	SR13	10/16/2019 16:00	28.03	81.7	5.90	4.1	SR13	10/16/2019 22:00	28.18	83.7	6.12	7.0
SR13	10/16/2019 4:05	28.42	81.7	5.95	4.0	SR13	10/16/2019 10:05	28.19	78.9	5.68	5.0	SR13	10/16/2019 16:05	28.05	81.6	5.87	5.0	SR13	10/16/2019 22:05	28.19	82.8	6.04	5.3
SR13	10/16/2019 4:10	28.42	82.0	5.97	4.7	SR13	10/16/2019 10:10	28.19	78.9	5.70	5.0	SR13	10/16/2019 16:10	28.07	82.0	5.90	4.4	SR13	10/16/2019 22:10	28.22	82.7	6.03	4.6
SR13	10/16/2019 4:15	28.42	81.6	5.93	4.8	SR13	10/16/2019 10:15	28.19	78.6	5.67	6.2	SR13	10/16/2019 16:15	28.08	82.5	5.94	4.8	SR13	10/16/2019 22:15	28.22	82.9	6.05	7.1
SR13	10/16/2019 4:20	28.38	80.0	5.83	4.4	SR13	10/16/2019 10:20	28.19	78.4	5.67	4.4	SR13	10/16/2019 16:20	28.09	81.6	5.90	11.2	SR13	10/16/2019 22:20	28.22	82.5	6.02	4.9
SR13	10/16/2019 4:25	28.39	81.3	5.93	4.8	SR13	10/16/2019 10:25	28.19	79.7	5.75	4.6	SR13	10/16/2019 16:25	28.09	81.4	5.87	3.7	SR13	10/16/2019 22:25	28.23	83.4	6.08	6.0
SR13	10/16/2019 4:30	28.39	81.9	5.95	5.4	SR13	10/16/2019 10:30	28.19	79.3	5.73	5.0	SR13	10/16/2019 16:30	28.10	82.2	5.93	4.3	SR13	10/16/2019 22:30	28.24	82.8	6.05	4.4
SR13	10/16/2019 4:35	28.43	81.1	5.90	3.5	SR13	10/16/2019 10:35	28.17	79.0	5.71	4.9	SR13	10/16/2019 16:35	28.10	82.2	5.93	5.6	SR13	10/16/2019 22:35	28.23	83.5	6.10	5.3
SR13	10/16/2019 4:40	28.44	82.3	5.96	5.4	SR13	10/16/2019 10:40	28.15	79.3	5.72	4.0	SR13	10/16/2019 16:40	28.10	82.7	5.96	5.1	SR13	10/16/2019 22:40	28.21	81.3	5.92	4.6
SR13	10/16/2019 4:45	28.41	81.3	5.91	3.7	SR13	10/16/2019 10:45	28.15	79.4	5.75	5.6	SR13	10/16/2019 16:45	28.09	82.5	5.96	5.4	SR13	10/16/2019 22:45	28.19	81.4	5.93	6.7
SR13	10/16/2019 4:50	28.44	82.6	6.00	4.8	SR13	10/16/2019 10:50	28.14	80.5	5.80	4.5	SR13	10/16/2019 16:50	28.10	82.9	5.98	5.3	SR13	10/16/2019 22:50	28.21	81.2	5.91	4.3
SR13	10/16/2019 4:55	28.42	81.2	5.91	4.3	SR13	10/16/2019 10:55	28.14	80.1	5.78	4.1	SR13	10/16/2019 16:55	28.11	82.8	5.96	4.7	SR13	10/16/2019 22:55	28.22	80.7	5.87	4.8
SR13	10/16/2019 5:00	28.42	81.7	5.95	4.0	SR13	10/16/2019 11:00	28.12	77.7	5.61	3.7	SR13	10/16/2019 17:00	28.10	83.4	6.02	6.0	SR13	10/16/2019 23:00	28.22	81.1	5.90	4.5
SR13	10/16/2019 5:05	28.43	81.0	5.90	6.2	SR13	10/16/2019 11:05	28.11	78.9	5.69	3.4	SR13	10/16/2019 17:05	28.09	83.4	6.02	5.8	SR13	10/16/2019 23:05	28.21	80.9	5.90	7.0
SR13	10/16/2019 5:10	28.42	81.8	5.94	5.5	SR13	10/16/2019 11:10	28.11	78.2	5.64	3.9	SR13	10/16/2019 17:10	28.10	83.2	5.99	3.9	SR13	10/16/2019 23:10	28.22	80.7	5.88	5.9
SR13	10/16/2019 5:15	28.43	82.2	5.98	4.6	SR13	10/16/2019 11:15	28.12	78.7	5.67	3.7	SR13	10/16/2019 17:15	28.10	83.7	6.05	5.6	SR13	10/16/2019 23:15	28.24	81.3	5.93	6.7
SR13	10/16/2019 5:20	28.43	82.1	5.96	4.1	SR13	10/16/2019 11:20	28.11	75.5	5.46	3.3	SR13	10/16/2019 17:20	28.11	83.4	6.01	5.3	SR13	10/16/2019 23:20	28.20	81.3	5.92	6.2
SR13	10/16/2019 5:25	28.43	80.9	5.89	5.4	SR13	10/16/2019 11:25	28.12	73.9	5.33	3.7	SR13	10/16/2019 17:25	28.10	83.3	6.01	5.9	SR13	10/16/2019 23:25	28.20	81.1	5.92	5.9
SR13	10/16/2019 5:30	28.44	81.3	5.90	3.6	SR13	10/16/2019 11:30	28.12	77.0	5.65	4.7	SR13	10/16/2019 17:30	28.10	83.2	5.99	5.3	SR13	10/16/2019 23:30	28.20	80.8	5.90	5.4
SR13	10/16/2019 5:35	28.43	81.4	5.91	4.1	SR13	10/16/2019 11:35	28.12	77.3	5.59	3.2	SR13	10/16/2019 17:35	28.10	83.5	6.01	6.8	SR13	10/16/2019 23:35	28.18	80.2	5.85	5.6
SR13	10/16/2019 5:40	28.42	81.4	5.92	5.0	SR13	10/16/2019 11:40	28.11	77.8	5.62	3.7	SR13	10/16/2019 17:40	28.08	84.2	6.08	5.8	SR13	10/16/2019 23:40	28.24	80.2	5.84	4.8
SR13	10/16/2019 5:45	28.42	82.1	5.97	4.7	SR13	10/16/2019 11:45	28.10	78.5	5.66	3.7	SR13	10/16/2019 17:45	28.07	84.0	6.03	6.6	SR13	10/16/2019 23:45	28.24	80.6	5.88	5.6
SR13	10/16/2019 5:50	28.42	81.9	5.94	4.0	SR13	10/16/2019 11:50	28.10	78.1	5.62	3.7	SR13	10/16/2019 17:50	28.04	84.8	6.11	5.8	SR13	10/16/2019 23:50	28.25	80.5	5.87	5.5
SR13	10/16/2019 5:55	28.42	82.8	6.02	5.1	SR13	10/16/2019 11:55	28.10	78.6	5.66	4.8	SR13	10/16/2019 17:55	28.04	84.7	6.09	4.4	SR13	10/16/2019 23:55	28.27	80.9	5.89	5.9

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	10/16/2019 0:17	0.21				SR12	10/16/2019 0:17	0.18			
SR4	10/16/2019 0:37	0.23				SR12	10/16/2019 0:37	0.19			
SR4	10/16/2019 0:57	0.22				SR12	10/16/2019 0:57	0.17			
SR4	10/16/2019 1:17	0.21				SR12	10/16/2019 1:17	0.20			
SR4	10/16/2019 1:37	0.23				SR12	10/16/2019 1:37	0.19			
SR4	10/16/2019 1:57	0.23				SR12	10/16/2019 1:57	0.17			
SR4	10/16/2019 2:17	0.22				SR12	10/16/2019 2:17	0.17			
SR4	10/16/2019 2:37	0.20				SR12	10/16/2019 2:37	0.17			
SR4	10/16/2019 2:57	0.21				SR12	10/16/2019 2:57	0.17			
SR4	10/16/2019 3:17	0.22				SR12	10/16/2019 3:17	0.17			
SR4	10/16/2019 3:37	0.22				SR12	10/16/2019 3:37	0.18			
SR4	10/16/2019 3:57	0.20				SR12	10/16/2019 3:57	0.17			
SR4	10/16/2019 4:17	0.20				SR12	10/16/2019 4:17	0.17			
SR4	10/16/2019 4:37	0.22				SR12	10/16/2019 4:37	0.16			
SR4	10/16/2019 4:57	0.22				SR12	10/16/2019 4:57	0.16			
SR4	10/16/2019 5:17	0.23				SR12	10/16/2019 5:17	0.17			
SR4	10/16/2019 5:37	0.21				SR12	10/16/2019 5:37	0.16			
SR4	10/16/2019 5:57	0.23				SR12	10/16/2019 5:57	0.18			
SR4						SR12					
SR4	10/16/2019 6:37	0.22				SR12	10/16/2019 6:37	0.18			
SR4	10/16/2019 6:57	0.23				SR12	10/16/2019 6:57	0.16			
SR4	10/16/2019 7:17	0.21				SR12	10/16/2019 7:17	0.16			
SR4	10/16/2019 7:37	0.20				SR12	10/16/2019 7:37	0.18			
SR4	10/16/2019 7:57	0.19				SR12	10/16/2019 7:57	0.17			
SR4	10/16/2019 8:17	0.20				SR12	10/16/2019 8:17	0.16			
SR4	10/16/2019 8:37	0.18				SR12	10/16/2019 8:37	0.16			
SR4	10/16/2019 8:57	0.19				SR12	10/16/2019 8:57	0.17			
SR4	10/16/2019 9:17	0.19				SR12	10/16/2019 9:17	0.18			
SR4	10/16/2019 9:37	0.18				SR12	10/16/2019 9:37	0.17			
SR4	10/16/2019 9:57	0.18				SR12	10/16/2019 9:57	0.18			
SR4	10/16/2019 10:17	0.19				SR12	10/16/2019 10:17	0.20			
SR4	10/16/2019 10:37	0.20				SR12	10/16/2019 10:37	0.20			
SR4	10/16/2019 10:57	0.19				SR12	10/16/2019 10:57	0.18			
SR4	10/16/2019 11:17	0.18				SR12	10/16/2019 11:17	0.18			
SR4	10/16/2019 11:37	0.18				SR12	10/16/2019 11:37	0.20			
SR4	10/16/2019 11:57	0.19				SR12	10/16/2019 11:57	0.19			
SR4	10/16/2019 12:17	0.19				SR12	10/16/2019 12:17	0.20			
SR4	10/16/2019 12:37	0.19				SR12	10/16/2019 12:37	0.19			
SR4	10/16/2019 12:57	0.20				SR12	10/16/2019 12:57	0.20			
SR4	10/16/2019 13:17	0.19				SR12	10/16/2019 13:17	0.20			
SR4	10/16/2019 13:37	0.18				SR12	10/16/2019 13:37	0.20			
SR4	10/16/2019 13:57	0.19				SR12	10/16/2019 13:57	0.21			
SR4	10/16/2019 14:17	0.20				SR12	10/16/2019 14:17	0.21			
SR4	10/16/2019 14:37	0.19				SR12	10/16/2019 14:37	0.21			
SR4	10/16/2019 14:57	0.19				SR12	10/16/2019 14:57	0.21			
SR4	10/16/2019 15:17	0.18				SR12	10/16/2019 15:17	0.20			
SR4	10/16/2019 15:37	0.19				SR12	10/16/2019 15:37	0.22			
SR4	10/16/2019 15:57	0.19				SR12	10/16/2019 15:57	0.23			
SR4	10/16/2019 16:17	0.19				SR12	10/16/2019 16:17	0.21			
SR4	10/16/2019 16:37	0.18				SR12	10/16/2019 16:37	0.21			
SR4	10/16/2019 16:57	0.18				SR12	10/16/2019 16:57	0.21			
SR4	10/16/2019 17:17	0.18				SR12	10/16/2019 17:17	0.23			
SR4	10/16/2019 17:37	0.19				SR12	10/16/2019 17:37	0.21			
SR4	10/16/2019 17:57	0.19				SR12	10/16/2019 17:57	0.23			
SR4	10/16/2019 18:17	0.20				SR12	10/16/2019 18:17	0.25			
SR4	10/16/2019 18:37	0.18				SR12	10/16/2019 18:37	0.24			
SR4	10/16/2019 18:57	0.18				SR12	10/16/2019 18:57	0.24			
SR4	10/16/2019 19:17	0.20				SR12	10/16/2019 19:17	0.25			
SR4	10/16/2019 19:37	0.18				SR12	10/16/2019 19:37	0.26			
SR4	10/16/2019 19:57	0.18				SR12	10/16/2019 19:57	0.24			
SR4	10/16/2019 20:17	0.18				SR12	10/16/2019 20:17	0.25			
SR4	10/16/2019 20:37	0.18				SR12	10/16/2019 20:37	0.23			
SR4	10/16/2019 20:57	0.16				SR12	10/16/2019 20:57	0.24			
SR4	10/16/2019 21:17	0.16				SR12	10/16/2019 21:17	0.23			
SR4	10/16/2019 21:37	0.19				SR12	10/16/2019 21:37	0.24			
SR4	10/16/2019 21:57	0.16				SR12	10/16/2019 21:57	0.23			
SR4	10/16/2019 22:17	0.19				SR12	10/16/2019 22:17	0.24			
SR4	10/16/2019 22:37	0.17				SR12	10/16/2019 22:37	0.26			
SR4	10/16/2019 22:57	0.16				SR12	10/16/2019 22:57	0.26			
SR4	10/16/2019 23:17	0.18				SR12	10/16/2019 23:17	0.26			
SR4	10/16/2019 23:37	0.18				SR12	10/16/2019 23:37	0.25			
SR4	10/16/2019 23:57	0.19				SR12	10/16/2019 23:57	0.26			

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	10/17/2019 0:01	28.69	85.3	5.89	2.6	SR4	10/17/2019 6:01	28.58	82.5	5.74	2.8	SR4	10/17/2019 12:01	28.72	87.6	6.08	4.2	SR4	10/17/2019 18:01	28.85	82.2	5.71	6.0
SR4	10/17/2019 0:06	28.69	85.9	5.93	3.1	SR4	10/17/2019 6:06	28.49	69.9	4.87	5.9	SR4	10/17/2019 12:06	28.72	85.6	5.94	4.7	SR4	10/17/2019 18:06	28.80	85.9	5.96	6.0
SR4	10/17/2019 0:11	28.70	88.1	6.08	3.8	SR4	10/17/2019 6:11	28.53	72.0	5.02	4.9	SR4	10/17/2019 12:11	28.75	88.9	6.17	4.7	SR4	10/17/2019 18:11	28.81	84.6	5.88	5.0
SR4	10/17/2019 0:16	28.69	87.5	6.05	4.6	SR4	10/17/2019 6:16	28.56	78.0	5.42	3.1	SR4	10/17/2019 12:16	28.72	85.9	5.95	4.6	SR4	10/17/2019 18:16	28.81	84.6	5.88	6.8
SR4	10/17/2019 0:21	28.71	86.8	5.99	3.7	SR4	10/17/2019 6:21	28.55	78.0	5.42	3.0	SR4	10/17/2019 12:21	28.73	87.6	6.08	4.6	SR4	10/17/2019 18:21	28.79	84.3	5.86	6.2
SR4	10/17/2019 0:26	28.70	84.8	5.86	2.8	SR4	10/17/2019 6:26	28.55	76.8	5.34	3.2	SR4	10/17/2019 12:26	28.78	88.9	6.16	3.9	SR4	10/17/2019 18:26	28.75	86.4	6.00	7.5
SR4	10/17/2019 0:31	28.67	84.6	5.86	3.8	SR4	10/17/2019 6:31	28.51	83.7	5.83	3.4	SR4	10/17/2019 12:31	28.78	87.3	6.05	4.3	SR4	10/17/2019 18:31	28.77	86.0	5.98	6.2
SR4	10/17/2019 0:36	28.70	84.2	5.82	2.9	SR4	10/17/2019 6:36	28.54	84.9	5.90	3.9	SR4	10/17/2019 12:36	28.79	88.1	6.11	4.3	SR4	10/17/2019 18:36	28.76	85.9	5.96	7.6
SR4	10/17/2019 0:41	28.70	84.5	5.83	4.5	SR4	10/17/2019 6:41	28.53	87.3	6.07	3.6	SR4	10/17/2019 12:41	29.02	89.9	6.22	2.7	SR4	10/17/2019 18:41	28.78	85.2	5.92	6.0
SR4	10/17/2019 0:46	28.70	86.8	6.00	3.3	SR4	10/17/2019 6:46	28.54	85.8	5.96	2.7	SR4	10/17/2019 12:46	28.99	90.9	6.29	2.6	SR4	10/17/2019 18:46	28.76	83.8	5.82	5.3
SR4	10/17/2019 0:51	28.70	85.4	5.93	3.8	SR4	10/17/2019 6:51	28.54	85.4	5.94	3.2	SR4	10/17/2019 12:51	29.00	89.5	6.18	3.2	SR4	10/17/2019 18:51	28.75	84.0	5.82	6.1
SR4	10/17/2019 0:56	28.69	85.0	5.89	3.5	SR4	10/17/2019 6:56	28.54	83.4	5.80	3.3	SR4	10/17/2019 12:56	28.90	89.7	6.20	3.7	SR4	10/17/2019 18:56	28.76	85.2	5.92	6.6
SR4	10/17/2019 1:01	28.70	86.3	5.98	3.4	SR4	10/17/2019 7:01	28.55	83.8	5.83	3.8	SR4	10/17/2019 13:01	28.90	88.7	6.14	3.0	SR4	10/17/2019 19:01	28.75	83.8	5.80	5.1
SR4	10/17/2019 1:06	28.70	85.6	5.94	3.9	SR4	10/17/2019 7:06	28.55	84.4	5.87	4.5	SR4	10/17/2019 13:06	29.04	90.7	6.28	2.4	SR4	10/17/2019 19:06	28.75	83.4	5.77	6.2
SR4	10/17/2019 1:11	28.69	84.6	5.87	2.7	SR4	10/17/2019 7:11	28.57	84.2	5.84	3.5	SR4	10/17/2019 13:11	29.09	90.6	6.25	2.4	SR4	10/17/2019 19:11	28.78	83.0	5.74	5.2
SR4	10/17/2019 1:16	28.70	84.2	5.83	3.6	SR4	10/17/2019 7:16	28.56	83.7	5.81	3.4	SR4	10/17/2019 13:16	29.07	90.9	6.28	3.2	SR4	10/17/2019 19:16	28.76	82.7	5.71	6.6
SR4	10/17/2019 1:21	28.70	83.1	5.74	3.5	SR4	10/17/2019 7:21	28.55	89.0	6.17	4.4	SR4	10/17/2019 13:21	28.94	89.4	6.19	3.6	SR4	10/17/2019 19:21	28.76	82.8	5.72	5.1
SR4	10/17/2019 1:26	28.70	83.3	5.75	2.6	SR4	10/17/2019 7:26	28.57	89.8	6.23	4.5	SR4	10/17/2019 13:26	28.94	88.8	6.14	4.0	SR4	10/17/2019 19:26	28.74	88.0	6.08	4.4
SR4	10/17/2019 1:31	28.68	81.9	5.66	3.4	SR4	10/17/2019 7:31	28.58	91.2	6.32	4.0	SR4	10/17/2019 13:31	29.03	88.9	6.14	3.2	SR4	10/17/2019 19:31	28.74	86.9	6.01	3.7
SR4	10/17/2019 1:36	28.69	82.8	5.72	3.6	SR4	10/17/2019 7:36	28.58	93.2	6.47	5.2	SR4	10/17/2019 13:36	28.89	88.4	6.12	5.5	SR4	10/17/2019 19:36	28.73	85.9	5.95	3.7
SR4	10/17/2019 1:41	28.70	83.4	5.76	3.4	SR4	10/17/2019 7:41	28.59	93.4	6.49	4.0	SR4	10/17/2019 13:41	29.01	88.9	6.14	3.5	SR4	10/17/2019 19:41	28.72	85.6	5.94	3.9
SR4	10/17/2019 1:46	28.69	82.3	5.69	4.0	SR4	10/17/2019 7:46	28.59	94.0	6.54	3.8	SR4	10/17/2019 13:46	28.98	89.6	6.20	4.7	SR4	10/17/2019 19:46	28.70	86.6	6.00	4.5
SR4	10/17/2019 1:51	28.69	82.6	5.71	4.0	SR4	10/17/2019 7:51	28.60	92.1	6.41	4.3	SR4	10/17/2019 13:51	29.11	90.6	6.26	3.2	SR4	10/17/2019 19:51	28.71	86.5	6.00	4.8
SR4	10/17/2019 1:56	28.70	82.2	5.69	3.4	SR4	10/17/2019 7:56	28.61	91.4	6.35	5.1	SR4	10/17/2019 13:56	29.11	90.2	6.23	3.2	SR4	10/17/2019 19:56	28.71	86.5	6.01	4.2
SR4	10/17/2019 2:01	28.70	81.4	5.63	3.4	SR4	10/17/2019 8:01	28.63	91.9	6.38	4.4	SR4	10/17/2019 14:01	29.10	89.0	6.14	2.7	SR4	10/17/2019 20:01	28.71	87.5	6.08	4.5
SR4	10/17/2019 2:06	28.69	80.6	5.58	3.1	SR4	10/17/2019 8:06	28.63	91.2	6.34	6.4	SR4	10/17/2019 14:06	29.15	90.5	6.25	2.8	SR4	10/17/2019 20:06	28.70	86.8	6.04	4.8
SR4	10/17/2019 2:11	28.70	81.3	5.62	3.7	SR4	10/17/2019 8:11	28.63	91.4	6.36	4.7	SR4	10/17/2019 14:11	29.11	90.2	6.23	3.8	SR4	10/17/2019 20:11	28.72	85.6	5.95	4.5
SR4	10/17/2019 2:16	28.71	81.5	5.63	3.7	SR4	10/17/2019 8:16	28.64	91.0	6.32	5.0	SR4	10/17/2019 14:16	29.09	89.5	6.18	3.9	SR4	10/17/2019 20:16	28.71	85.4	5.94	4.6
SR4	10/17/2019 2:21	28.71	81.0	5.59	3.9	SR4	10/17/2019 8:21	28.65	91.7	6.37	5.2	SR4	10/17/2019 14:21	29.07	90.4	6.25	3.5	SR4	10/17/2019 20:21	28.69	84.1	5.83	4.1
SR4	10/17/2019 2:26	28.71	79.9	5.52	2.9	SR4	10/17/2019 8:26	28.63	90.6	6.30	6.0	SR4	10/17/2019 14:26	29.04	89.9	6.22	3.9	SR4	10/17/2019 20:26	28.72	85.3	5.93	4.5
SR4	10/17/2019 2:31	28.71	78.7	5.44	3.7	SR4	10/17/2019 8:31	28.65	92.3	6.42	5.5	SR4	10/17/2019 14:31	29.04	88.6	6.12	3.5	SR4	10/17/2019 20:31	28.72	85.1	5.90	4.6
SR4	10/17/2019 2:36	28.70	81.3	5.62	8.3	SR4	10/17/2019 8:36	28.67	93.2	6.46	5.3	SR4	10/17/2019 14:36	29.02	88.2	6.10	3.6	SR4	10/17/2019 20:36	28.71	85.2	5.92	4.7
SR4	10/17/2019 2:41	28.71	75.8	5.23	3.8	SR4	10/17/2019 8:41	28.67	93.5	6.49	5.1	SR4	10/17/2019 14:41	28.96	87.6	6.07	4.1	SR4	10/17/2019 20:41	28.71	86.0	5.95	7.2
SR4	10/17/2019 2:46	28.71	75.7	5.22	2.9	SR4	10/17/2019 8:46	28.66	92.1	6.41	5.6	SR4	10/17/2019 14:46	28.94	87.6	6.06	4.6	SR4	10/17/2019 20:46	28.72	84.6	5.86	3.6
SR4	10/17/2019 2:51	28.69	76.4	5.29	2.8	SR4	10/17/2019 8:51	28.67	92.8	6.44	5.0	SR4	10/17/2019 14:51	28.92	85.9	5.95	4.5	SR4	10/17/2019 20:51	28.71	84.1	5.81	4.2
SR4	10/17/2019 2:56	28.65	72.1	5.00	2.4	SR4	10/17/2019 8:56	28.65	92.6	6.43	7.1	SR4	10/17/2019 14:56	28.94	83.7	5.80	3.7	SR4	10/17/2019 20:56	28.73	83.0	5.75	4.0
SR4	10/17/2019 3:01	28.66	73.4	5.09	2.6	SR4	10/17/2019 9:01	28.65	92.3	6.42	5.2	SR4	10/17/2019 15:01	28.94	87.5	6.06	4.0	SR4	10/17/2019 21:01	28.73	83.6	5.78	6.7
SR4	10/17/2019 3:06	28.68	65.7	4.55	2.2	SR4	10/17/2019 9:06	28.65	91.2	6.34	4.9	SR4	10/17/2019 15:06	28.99	87.9	6.08	3.3	SR4	10/17/2019 21:06	28.71	83.8	5.80	4.6
SR4	10/17/2019 3:11	28.66	72.2	4.99	2.1	SR4	10/17/2019 9:11	28.66	91.8	6.36	5.2	SR4	10/17/2019 15:11	29.01	88.1	6.11	3.1	SR4	10/17/2019 21:11	28.70	83.6	5.78	5.4
SR4	10/17/2019 3:16	28.65	73.8	5.11	1.7	SR4	10/17/2019 9:16	28.69	92.1	6.40	4.1	SR4	10/17/2019 15:16	29.02	88.4	6.12	2.9	SR4	10/17/2019 21:16	28.70	82.9	5.74	4.7
SR4	10/17/2019 3:21	28.63	72.9	5.04	1.9	SR4	10/17/2019 9:21	28.67	91.8	6.38	5.0	SR4	10/17/2019 15:21	29.00	87.7	6.07	3.9	SR4	10/17/2019 21:21	28.71	81.1	5.60	4.0
SR4	10/17/2019 3:26	28.63	75.1	5.21	3.6	SR4	10/17/2019 9:26	28.67	91.4	6.35	4.9	SR4	10/17/2019 15:26	29.01	85.9	5.95	3.6	SR4	10/17/2019 21:26	28.71	78.4	5.42	3.5
SR4	10/17/2019 3:31	28.65	75.2	5.21	2.2	SR4	10/17/2019 9:31	28.67	91.4	6.35	7.4	SR4	10/17/2019 15:31	29.02	85.2	5.89	3.3	SR4	10/17/2019 21:31	28.70	81.3	5.63	3.8
SR4	10/17/2019 3:36	28.65	75.6	5.23	2.3	SR4	10/17/2019 9:36	28.70	92.8	6.46	5.6	SR4	10/17/2019 15:36	28.98	85.1	5.89	4.0	SR4	10/17/2019 21:36	28.70	80.7	5.59	4.1
SR4	10/17/2019 3:41	28.63	74.2	5.14	2.0	SR4	10/17/2019 9:41	28.69	91.8	6.37	4.8	SR4	10/17/2019 15:41	28.97	85.0	5.88	4.1	SR4	10/17/2019 21:41	28.69	81.0	5.62	4.7
SR4	10/17/2019 3:46	28.58	64.9	4.49	1.6	SR4	10/17/2019 9:46	28.67	89.8	6.25	6.7	SR4	10/17/2019 15:46	28.97	85.1	5.89	4.0	SR4	10/17/2019 21:46	28.69	83.0	5.75	4.5
SR4	10/17/2019 3:51	28.62	70.3	4.86	1.4	SR4	10/17/2019 9:51	28.72	92.6	6.43	4.0	SR4	10/17/2019 15:51	28.96	83.8	5.81	3.3	SR4	10/17/2019 21:51	28.69	82.0	5.68	**20.2**
SR4	10/17/2019 3:56	28.66	74.1	5.12	2.1	SR4	10/17/2019 9:56	28.69	89.6	6.22	5.4	SR4	10/17/2019 15:56	28.98	85.2	5.89	4.0	SR4	10/17/2019 21:56	28.69	81.2	5.62	4.3
SR4	10/17/2019 4:01	28.68	75.2	5.20	3.1	SR4	10/17/2019 10:01	28.69	90.5	6.29	7.2	SR4	10/17/2019 16:01	28.97	84.0	5.82	3.5	SR4	10/17/2019 22:01	28.69	79.5	5.50	4.1
SR4	10/17/2019 4:06	28.67	73.6	5.09	3.6	SR4	10/17/2019 10:06	28.69	89.7	6.23	4.1	SR4	10/17/2019 16:06	28.96	83.1	5.76	3.1	SR4	10/17/2019 22:06	28.69	80.3	5.56	4.2
SR4	10/17/2019 4:11	28.68	74.8	5.17	2.2	SR4	10/17/2019 10:11	28.68	86.8	6.04	4.9	SR4	10/17/2019 16:11	29.05	84.8	5.87	3.4	SR4	10/17/2019 22:11	28.69	78.4	5.42	3.4
SR4	10/17/2019 4:16	28.69	75.1	5.20	3.3	SR4	10/17/2019 10:16	28.77	91.2	6.32	4.3	SR4	10/17/2019 16:16	29.03	85.4	5.92	3.6	SR4	10/17/2019 22:16	28.69	81.7	5.65	4.7
SR4	10/17/2019 4:21	28.69	77.5	5.36	3.1	SR4	10/17/2019 10:21	28.71	90.9	6.31	6.4	SR4	10/17/2019 16:21	28.98	84.6	5.86	2.6	SR4	10/17/2019 22:21	28.69	79.5	5.50	4.2
SR4	10/17/2019 4:26	28.70	73.3	5.09	2.3	SR4	10/17/2019 10:26	28.69	88.4	6.14	6.5	SR4	10/17/2019 16:26	28.97	85.6	5.93	3.0	SR4	10/17/2019 22:26	28.69	79.6	5.50	5.0
SR4	10/17/2019 4:31	28.69	76.7	5.32	2.5	SR4	10/17/2019 10:31	28.72	91.1	6.32	4.9	SR4	10/17/2019 16:31	28.98	86.7	6.00	4.4	SR4	10/17/2019 22:31	28.68	80.7	5.58	3.5
SR4	10/17/2019 4:36	28.69	74.8	5.18	5.3	SR4	10/17/2019 10:36	28.72	90.5	6.28	5.7	SR4	10/17/2019 16:36	28.99	85.8	5.94	3.8	SR4	10/17/2019 22:36	28.67	82.8	5.72	8.6
SR4	10/17/2019 4:41	28.70	78.7	5.46	4.4	SR4	10/17/2019 10:41	28.73	91.1	6.32	4.5	SR4	10/17/2019 16:41	28.98	84.3	5.84	3.7	SR4	10/17/2019 22:41	28.68	81.3	5.62	4.8
SR4	10/17/2019 4:46	28.71	78.5	5.45	4.6	SR4	10/17/2019 10:46	28.74	91.4	6.35	5.0	SR4	10/17/2019 16:46	28.96	85.7	5.94	7.2	SR4	10/17/2019 22:46	28.68	81.5	5.64	5.2
SR4	10/17/2019 4:51	28.70	80.3	5.57	4.6	SR4	10/17/2019 10:51	28.74	91.1	6.32	5.3	SR4	10/17/2019 16:51	28.96	84.4	5.84	4.1	SR4	10/17/2019 22:51	28.67	83.6	5.78	4.1
SR4	10/17/2019 4:56	28.69	79.9	5.56	3.8	SR4	10/17/2019 10:56	28.74	90.3	6.26	4.1	SR4	10/17/2019 16:56	28.97	83.4	5.78	3.7	SR4	10/17/2019 22:56	28.66	84.0	5.81	4.3
SR4	10/17/2019 5:01	28.69	80.7	5.60	3.2	SR4	10/17/2019 11:01	28.80	91.0	6.31	3.9	SR4	10/17/2019 17:01	28.98	81.4	5.64	4.5	SR4	10/17/2019 23:01	28.66	83.3	5.76	4.4
SR4	10/17/2019 5:06	28.69	81.7	5.66	3.4	SR4	10/17/2019 11:06	28.76	90.6	6.28	4.1	SR4	10/17/2019 17:06	28.95	81.8	5.66	4.4	SR4	10/17/2019 23:06	28.66	83.8	5.80	4.0
SR4	10/17/2019 5:11	28.68	81.1	5.63	3.7	SR4	10/17/2019 11:11	28.73	90.9	6.30	5.3	SR4	10/17/2019 17:11	28.93	82.9	5.75	3.8	SR4	10/17/2019 23:11	28.66	83.4	5.77	4.0
SR4	10/17/2019 5:16	28.68	82.0	5.69	6.1	SR4	10/17/2019 11:16	28.76	91.7	6.36	4.0	SR4	10/17/2019 17:16	28.94	83.7	5.81	3.9	SR4	10/17/2019 23:16	28.62	78.3	5.42	3.0
SR4	10/17/2019 5:21	28.67	81.8	5.68	3.3	SR4	10/17/2019 11:21	28.74	90.3	6.26	5.1	SR4	10/17/2019 17:21	28.92	81.9	5.68	5.4	SR4	10/17/2019 23:21	28.63	78.3	5.44	2.7
SR4	10/17/2019 5:26	28.63	81.8	5.68	3.2	SR4	10/17/2019 11:26	28.77	90.2	6.26	4.6	SR4	10/17/2019 17:26	28.86	84.5	5.86	6.7	SR4	10/17/2019 23:26	28.64	79.8	5.54	2.7
SR4	10/17/2019 5:31	28.57	71.2	4.94	2.3	SR4	10/17/2019 11:31	28.74	88.8	6.16	4.1	SR4	10/17/2019 17:31	28.85	84.2	5.84	4.8	SR4	10/17/2019 23:31	28.64	84.6	5.88	3.4
SR4	10/17/2019 5:36	28.58	77.6	5.39	2.6	SR4	10/17/2019 11:36	28.74	88.1	6.11	4.5	SR4	10/17/2019 17:36	28.87	85.6	5.93	4.8	SR4	10/17/2019 23:36	28.64	83.1	5.77	2.7
SR4	10/17/2019 5:41	28.59	80.2	5.57	2.8	SR4	10/17/2019 11:41	28.75	89.5	6.20	4.5	SR4	10/17/2019 17:41	28.87	83.3	5.77	5.0	SR4	10/17/2019 23:41	28.64	83.8	5.81	3.9
SR4	10/17/2019 5:46	28.59	84.5	5.87	3.2	SR4	10/17/2019 11:46	28.75	91.2	6.32	4.5	SR4	10/17/2019 17:46	28.85	84.4	5.87	4.5	SR4	10/17/2019 23:46	28.64	84.3	5.83	3.7
SR4	10/17/2019 5:51	28.60	83.8	5.83	2.9	SR4	10/17/2019 11:51	28.74	88.0	6.11	4.4	SR4	10/17/2019 17:51	28.86	83.8	5.82	4.5	SR4	10/17/2019 23:51	28.63	83.3	5.77	3.2
SR4	10/17/2019 5:56	28.59	85.1	5.92	4.2	SR4	10/17/2019 11:56	28.72	86.8	6.02	4.1	SR4	10/17/2019 17:56	28.85	82.7	5.74	4.7	SR4	10/17/2019 23:56	28.63	83.0	5.75	2.6

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	10/17/2019 0:00	28.80	80.3	5.63	5.2	SR5	10/17/2019 6:00	28.58	83.7	5.44	4.0	SR5	10/17/2019 12:00	28.70	81.3	5.71	3.5	SR5	10/17/2019 18:00	29.01	87.2	5.63	3.7
SR5	10/17/2019 0:05	28.80	79.7	5.58	5.5	SR5	10/17/2019 6:05	28.60	84.3	5.48	3.3	SR5	10/17/2019 12:05	28.71	81.7	5.74	3.6	SR5	10/17/2019 18:05	29.01	87.0	5.61	4.0
SR5	10/17/2019 0:10	28.71	79.4	5.55	3.5	SR5	10/17/2019 6:10	28.59	84.3	5.48	5.0	SR5	10/17/2019 12:10	28.71	81.0	5.69	3.6	SR5	10/17/2019 18:10	29.00	87.2	5.63	3.3
SR5	10/17/2019 0:15	28.75	81.0	5.67	3.8	SR5	10/17/2019 6:15	28.60	83.8	5.45	4.7	SR5	10/17/2019 12:15	28.70	81.7	5.74	4.1	SR5	10/17/2019 18:15	28.99	86.9	5.60	3.8
SR5	10/17/2019 0:20	28.75	80.0	5.60	4.9	SR5	10/17/2019 6:20	28.61	83.9	5.45	4.6	SR5						SR5	10/17/2019 18:20	29.00	86.2	5.56	3.5
SR5	10/17/2019 0:25	28.73	79.7	5.58	5.5	SR5	10/17/2019 6:25	28.58	82.9	5.39	3.4	SR5						SR5	10/17/2019 18:25	29.00	86.0	5.56	3.8
SR5	10/17/2019 0:30	28.73	82.4	5.77	4.5	SR5	10/17/2019 6:30	28.59	83.5	5.43	3.4	SR5						SR5	10/17/2019 18:30	28.98	86.7	5.61	3.6
SR5	10/17/2019 0:35	28.76	80.9	5.66	5.2	SR5	10/17/2019 6:35	28.60	83.5	5.43	3.6	SR5						SR5	10/17/2019 18:35	29.00	85.2	5.49	3.9
SR5	10/17/2019 0:40	28.75	79.3	5.54	5.1	SR5	10/17/2019 6:40	28.58	83.4	5.42	3.4	SR5	10/17/2019 12:40	28.66	81.5	5.73	3.5	SR5	10/17/2019 18:40	28.98	85.5	5.52	3.2
SR5	10/17/2019 0:45	28.75	79.2	5.53	5.7	SR5	10/17/2019 6:45	28.58	83.0	5.40	3.6	SR5	10/17/2019 12:45	28.66	80.5	5.65	3.8	SR5	10/17/2019 18:45	28.98	86.2	5.56	4.0
SR5	10/17/2019 0:50	28.75	79.5	5.55	3.0	SR5	10/17/2019 6:50	28.59	83.5	5.43	3.5	SR5	10/17/2019 12:50	28.66	79.4	5.57	3.2	SR5	10/17/2019 18:50	28.98	86.1	5.55	3.1
SR5	10/17/2019 0:55	28.74	80.5	5.63	4.9	SR5	10/17/2019 6:55	28.60	83.6	5.43	3.4	SR5	10/17/2019 12:55	28.66	81.0	5.69	3.3	SR5	10/17/2019 18:55	28.97	85.6	5.53	3.7
SR5	10/17/2019 1:00	28.75	81.5	5.71	3.9	SR5	10/17/2019 7:00	28.60	83.1	5.41	3.5	SR5	10/17/2019 13:00	28.67	80.1	5.63	3.4	SR5	10/17/2019 19:00	28.98	85.5	5.51	3.4
SR5	10/17/2019 1:05	28.75	81.0	5.67	4.8	SR5	10/17/2019 7:05	28.60	83.4	5.44	3.6	SR5	10/17/2019 13:05	28.67	78.4	5.50	3.3	SR5	10/17/2019 19:05	28.96	86.3	5.58	3.6
SR5	10/17/2019 1:10	28.74	80.9	5.66	3.3	SR5	10/17/2019 7:10	28.61	83.7	5.44	3.7	SR5	10/17/2019 13:10	28.67	78.0	5.47	3.2	SR5	10/17/2019 19:10	28.90	84.0	5.44	4.1
SR5	10/17/2019 1:15	28.74	82.1	5.75	3.0	SR5	10/17/2019 7:15	28.62	82.9	5.39	4.3	SR5	10/17/2019 13:15	28.67	79.2	5.56	3.1	SR5	10/17/2019 19:15	28.90	84.1	5.42	3.4
SR5	10/17/2019 1:20	28.72	82.0	5.29	3.9	SR5	10/17/2019 7:20	28.61	83.3	5.41	3.5	SR5	10/17/2019 13:20	28.67	78.9	5.54	3.1	SR5	10/17/2019 19:20	28.94	84.6	5.47	3.6
SR5	10/17/2019 1:25	28.73	81.6	5.26	4.8	SR5	10/17/2019 7:25	28.59	83.6	5.44	3.6	SR5	10/17/2019 13:25	28.67	78.9	5.54	3.3	SR5	10/17/2019 19:25	28.92	83.6	5.42	3.5
SR5	10/17/2019 1:30	28.76	81.8	5.27	3.6	SR5	10/17/2019 7:30	28.57	82.9	5.39	3.6	SR5	10/17/2019 13:30	28.86	78.1	5.47	3.4	SR5	10/17/2019 19:30	28.89	82.4	5.33	3.6
SR5	10/17/2019 1:35	28.76	81.8	5.27	3.5	SR5	10/17/2019 7:35	28.59	83.1	5.41	3.5	SR5	10/17/2019 13:35	28.79	81.9	5.74	3.2	SR5	10/17/2019 19:35	28.93	84.1	5.45	3.4
SR5	10/17/2019 1:40	28.76	81.7	5.27	4.6	SR5	10/17/2019 7:40	28.58	83.2	5.41	3.3	SR5	10/17/2019 13:40	28.72	80.6	5.64	3.3	SR5	10/17/2019 19:40	28.92	83.6	5.42	3.5
SR5	10/17/2019 1:45	28.76	81.8	5.27	3.2	SR5	10/17/2019 7:45	28.60	83.1	5.40	3.6	SR5	10/17/2019 13:45	28.73	81.6	5.72	3.1	SR5	10/17/2019 19:45	28.91	83.2	5.39	3.5
SR5	10/17/2019 1:50	28.77	82.1	5.29	3.7	SR5	10/17/2019 7:50	28.62	82.8	5.40	3.9	SR5	10/17/2019 13:50	28.74	82.2	5.76	3.3	SR5	10/17/2019 19:50	28.89	83.6	5.42	3.3
SR5	10/17/2019 1:55	28.77	81.9	5.28	3.5	SR5	10/17/2019 7:55	28.62	83.5	5.44	3.4	SR5	10/17/2019 13:55	28.75	83.1	5.83	3.5	SR5	10/17/2019 19:55	28.88	82.9	5.36	3.6
SR5	10/17/2019 2:00	28.75	82.1	5.29	2.8	SR5	10/17/2019 8:00	28.62	83.1	5.39	3.4	SR5	10/17/2019 14:00	28.73	83.0	5.83	3.3	SR5	10/17/2019 20:00	28.90	81.8	5.28	3.6
SR5	10/17/2019 2:05	28.74	82.4	5.31	3.3	SR5	10/17/2019 8:05	28.63	83.3	5.41	3.5	SR5	10/17/2019 14:05	28.73	82.1	5.76	3.3	SR5	10/17/2019 20:05	28.89	82.8	5.35	3.3
SR5	10/17/2019 2:10	28.71	82.6	5.33	5.0	SR5	10/17/2019 8:10	28.63	83.3	5.40	3.5	SR5	10/17/2019 14:10	28.76	81.6	5.72	3.2	SR5	10/17/2019 20:10	28.87	82.9	5.37	3.7
SR5	10/17/2019 2:15	28.67	83.1	5.37	3.7	SR5	10/17/2019 8:15	28.63	82.8	5.37	3.8	SR5	10/17/2019 14:15	28.75	83.4	5.85	3.7	SR5	10/17/2019 20:15	28.86	83.1	5.39	3.5
SR5	10/17/2019 2:20	28.68	82.5	5.33	4.6	SR5	10/17/2019 8:20	28.63	82.9	5.40	3.4	SR5	10/17/2019 14:20	28.75	80.4	5.63	3.7	SR5	10/17/2019 20:20	28.86	83.8	5.41	3.9
SR5	10/17/2019 2:25	28.68	83.3	5.38	2.8	SR5	10/17/2019 8:25	28.64	82.5	5.36	3.6	SR5	10/17/2019 14:25	28.76	81.2	5.69	2.9	SR5	10/17/2019 20:25	28.85	82.6	5.33	3.5
SR5	10/17/2019 2:30	28.71	82.7	5.34	3.8	SR5	10/17/2019 8:30	28.62	82.3	5.36	3.7	SR5	10/17/2019 14:30	28.76	81.5	5.25	3.4	SR5	10/17/2019 20:30	28.86	82.4	5.33	3.6
SR5	10/17/2019 2:35	28.71	82.7	5.34	4.2	SR5	10/17/2019 8:35	28.60	81.9	5.33	3.3	SR5	10/17/2019 14:35	28.77	82.0	5.29	4.1	SR5	10/17/2019 20:35	28.84	81.6	5.26	3.5
SR5	10/17/2019 2:40	28.70	82.7	5.34	3.4	SR5	10/17/2019 8:40	28.63	82.0	5.32	3.3	SR5	10/17/2019 14:40	28.78	82.3	5.31	3.4	SR5	10/17/2019 20:40	28.84	81.0	5.23	3.6
SR5	10/17/2019 2:45	28.67	83.0	5.37	4.2	SR5	10/17/2019 8:45	28.63	82.1	5.32	3.3	SR5	10/17/2019 14:45	28.79	82.3	5.31	2.9	SR5	10/17/2019 20:45	28.83	81.3	5.25	3.9
SR5	10/17/2019 2:50	28.67	82.6	5.34	4.4	SR5	10/17/2019 8:50	28.62	82.1	5.32	3.3	SR5	10/17/2019 14:50	28.78	82.0	5.29	3.9	SR5	10/17/2019 20:50	28.83	82.7	5.81	3.7
SR5	10/17/2019 2:55	28.67	82.8	5.35	3.2	SR5	10/17/2019 8:55	28.61	82.0	5.32	3.6	SR5	10/17/2019 14:55	28.79	81.9	5.28	3.8	SR5	10/17/2019 20:55	28.82	80.1	5.61	3.6
SR5	10/17/2019 3:00	28.67	82.5	5.33	5.2	SR5	10/17/2019 9:00	28.62	81.6	5.30	3.6	SR5	10/17/2019 15:00	28.78	81.7	5.27	2.6	SR5	10/17/2019 21:00	28.81	82.1	5.77	3.5
SR5	10/17/2019 3:05	28.65	82.9	5.36	4.6	SR5	10/17/2019 9:05	28.63	81.7	5.30	3.5	SR5	10/17/2019 15:05	28.78	81.6	5.27	3.9	SR5	10/17/2019 21:05	28.78	81.3	5.71	3.8
SR5	10/17/2019 3:10	28.67	82.8	5.36	2.9	SR5	10/17/2019 9:10	28.62	82.2	5.33	3.1	SR5	10/17/2019 15:10	28.77	81.9	5.28	3.7	SR5	10/17/2019 21:10	28.77	79.9	5.60	3.6
SR5	10/17/2019 3:15	28.68	83.2	5.38	4.0	SR5	10/17/2019 9:15	28.62	81.2	5.27	3.5	SR5	10/17/2019 15:15	28.78	81.8	5.28	3.9	SR5	10/17/2019 21:15	28.77	80.8	5.66	3.5
SR5	10/17/2019 3:20	28.66	83.5	5.40	5.3	SR5	10/17/2019 9:20	28.58	81.3	5.28	3.8	SR5	10/17/2019 15:20	28.78	81.9	5.28	3.7	SR5	10/17/2019 21:20	28.76	81.4	5.71	4.9
SR5	10/17/2019 3:25	28.67	83.0	5.37	4.5	SR5	10/17/2019 9:25	28.62	81.3	5.29	4.0	SR5	10/17/2019 15:25	28.78	81.6	5.27	3.5	SR5	10/17/2019 21:25	28.74	79.7	5.59	4.4
SR5	10/17/2019 3:30	28.60	84.1	5.45	4.1	SR5	10/17/2019 9:30	28.63	81.1	5.27	4.0	SR5	10/17/2019 15:30	28.78	81.5	5.26	4.1	SR5	10/17/2019 21:30	28.74	81.4	5.71	3.6
SR5	10/17/2019 3:35	28.60	83.9	5.44	4.5	SR5	10/17/2019 9:35	28.62	80.8	5.24	4.0	SR5	10/17/2019 15:35	28.78	81.7	5.27	3.3	SR5	10/17/2019 21:35	28.74	78.4	5.49	3.7
SR5	10/17/2019 3:40	28.56	84.2	5.46	3.2	SR5	10/17/2019 9:40	28.63	81.2	5.26	3.8	SR5	10/17/2019 15:40	28.78	81.5	5.26	3.2	SR5	10/17/2019 21:40	28.73	79.4	5.56	3.5
SR5	10/17/2019 3:45	28.55	83.9	5.45	3.7	SR5	10/17/2019 9:45	28.65	81.0	5.25	4.0	SR5	10/17/2019 15:45	28.79	81.8	5.28	3.7	SR5	10/17/2019 21:45	28.73	81.2	5.70	3.7
SR5	10/17/2019 3:50	28.55	84.3	5.47	3.7	SR5	10/17/2019 9:50	28.65	81.0	5.25	4.5	SR5	10/17/2019 15:50	28.79	82.1	5.30	3.2	SR5	10/17/2019 21:50	28.74	80.1	5.61	3.4
SR5	10/17/2019 3:55	28.55	84.0	5.45	4.4	SR5	10/17/2019 9:55	28.65	81.3	5.27	4.3	SR5	10/17/2019 15:55	28.92	84.6	5.47	3.0	SR5	10/17/2019 21:55	28.73	79.4	5.56	3.7
SR5	10/17/2019 4:00	28.54	84.1	5.47	3.7	SR5	10/17/2019 10:00	28.64	80.9	5.24	3.7	SR5	10/17/2019 16:00	28.92	84.4	5.45	3.6	SR5	10/17/2019 22:00	28.73	78.8	5.52	3.3
SR5	10/17/2019 4:05	28.53	84.0	5.46	4.3	SR5	10/17/2019 10:05	28.66	81.1	5.24	3.7	SR5	10/17/2019 16:05	28.99	85.3	5.51	3.7	SR5	10/17/2019 22:05	28.73	79.3	5.56	3.7
SR5	10/17/2019 4:10	28.54	84.1	5.47	2.9	SR5	10/17/2019 10:10	28.67	82.5	5.80	3.7	SR5	10/17/2019 16:10	29.05	87.8	5.65	3.1	SR5	10/17/2019 22:10	28.73	80.2	5.63	3.7
SR5	10/17/2019 4:15	28.54	84.3	5.48	4.9	SR5	10/17/2019 10:15	28.67	80.7	5.67	3.4	SR5	10/17/2019 16:15	28.97	85.7	5.52	3.7	SR5	10/17/2019 22:15	28.73	78.9	5.53	3.6
SR5	10/17/2019 4:20	28.57	84.3	5.48	5.1	SR5	10/17/2019 10:20	28.68	81.9	5.75	4.1	SR5	10/17/2019 16:20	29.00	86.3	5.56	3.3	SR5	10/17/2019 22:20	28.73	77.4	5.42	4.2
SR5	10/17/2019 4:25	28.56	84.2	5.47	3.3	SR5	10/17/2019 10:25	28.68	81.4	5.71	3.6	SR5	10/17/2019 16:25	28.99	86.3	5.57	3.3	SR5	10/17/2019 22:25	28.73	80.5	5.65	4.3
SR5	10/17/2019 4:30	28.52	84.8	5.51	4.4	SR5	10/17/2019 10:30	28.69	79.8	5.59	4.3	SR5	10/17/2019 16:30	29.03	87.1	5.64	3.7	SR5	10/17/2019 22:30	28.73	79.6	5.59	3.9
SR5	10/17/2019 4:35	28.53	84.6	5.50	3.8	SR5	10/17/2019 10:35	28.70	82.5	5.79	3.7	SR5	10/17/2019 16:35	29.04	87.3	5.65	3.5	SR5	10/17/2019 22:35	28.73	77.7	5.44	3.6
SR5	10/17/2019 4:40	28.52	84.4	5.49	5.1	SR5	10/17/2019 10:40	28.70	80.0	5.61	3.4	SR5	10/17/2019 16:40	29.02	86.9	5.62	3.6	SR5	10/17/2019 22:40	28.73	80.8	5.67	4.0
SR5	10/17/2019 4:45	28.51	84.6	5.50	4.2	SR5	10/17/2019 10:45	28.71	81.6	5.74	3.9	SR5	10/17/2019 16:45	29.06	87.9	5.69	3.4	SR5	10/17/2019 22:45	28.71	80.9	5.68	3.9
SR5	10/17/2019 4:50	28.53	84.4	5.49	3.5	SR5	10/17/2019 10:50	28.70	81.3	5.71	3.1	SR5	10/17/2019 16:50	29.05	87.2	5.64	3.1	SR5	10/17/2019 22:50	28.69	79.2	5.54	3.8
SR5	10/17/2019 4:55	28.54	84.1	5.47	4.4	SR5	10/17/2019 10:55	28.70	79.1	5.53	3.2	SR5	10/17/2019 16:55	29.06	86.8	5.60	3.8	SR5	10/17/2019 22:55	28.69	79.9	5.60	3.4
SR5	10/17/2019 5:00	28.56	84.3	5.48	4.5	SR5	10/17/2019 11:00	28.70	80.6	5.65	3.7	SR5	10/17/2019 17:00	29.06	87.2	5.64	3.6	SR5	10/17/2019 23:00	28.69	79.2	5.54	4.2
SR5	10/17/2019 5:05	28.57	84.1	5.46	4.1	SR5	10/17/2019 11:05	28.70	82.2	5.77	3.7	SR5	10/17/2019 17:05	29.04	86.7	5.59	3.1	SR5	10/17/2019 23:05	28.68	81.1	5.69	3.8
SR5	10/17/2019 5:10	28.57	83.9	5.46	5.4	SR5	10/17/2019 11:10	28.72	79.7	5.58	4.0	SR5	10/17/2019 17:10	29.03	86.4	5.57	4.2	SR5	10/17/2019 23:10	28.69	78.6	5.50	3.4
SR5	10/17/2019 5:15	28.57	84.1	5.47	5.0	SR5	10/17/2019 11:15	28.72	81.9	5.75	3.5	SR5	10/17/2019 17:15	28.99	86.3	5.57	3.5	SR5	10/17/2019 23:15	28.68	77.8	5.44	3.7
SR5	10/17/2019 5:20	28.57	84.2	5.47	3.5	SR5	10/17/2019 11:20	28.74	80.5	5.64	3.3	SR5	10/17/2019 17:20	28.97	86.4	5.59	3.6	SR5	10/17/2019 23:20	28.69	79.1	5.54	4.0
SR5	10/17/2019 5:25	28.58	83.8	5.45	3.4	SR5	10/17/2019 11:25	28.73	79.4	5.56	4.0	SR5	10/17/2019 17:25	28.98	85.9	5.54	3.0	SR5	10/17/2019 23:25	28.68	80.3	5.64	3.6
SR5	10/17/2019 5:30	28.57	84.0	5.46	5.2	SR5	10/17/2019 11:30	28.74	81.7	5.73	3.7	SR5	10/17/2019 17:30	28.99	87.4	5.64	3.2	SR5	10/17/2019 23:30	28.68	80.5	5.65	5.0
SR5	10/17/2019 5:35	28.62	84.4	5.48	4.9	SR5	10/17/2019 11:35	28.72	80.4	5.64	3.7	SR5	10/17/2019 17:35	29.02	87.5	5.64	3.5	SR5	10/17/2019 23:35	28.68	80.9	5.69	3.7
SR5	10/17/2019 5:40	28.61	84.2	5.47	3.5	SR5	10/17/2019 11:40	28.72	80.0	5.61	4.0	SR5	10/17/2019 17:40	29.02	88.2	5.68	4.0	SR5	10/17/2019 23:40	28.68	79.0	5.55	4.0
SR5	10/17/2019 5:45	28.61	83.6	5.43	3.0	SR5	10/17/2019 11:45	28.73	81.3	5.71	4.3	SR5	10/17/2019 17:45	29.03	88.6	5.72	4.1	SR5	10/17/2019 23:45	28.68	78.5	5.51	3.5
SR5	10/17/2019 5:50	28.61	84.4	5.48	3.6	SR5	10/17/2019 11:50	28.72	81.6	5.73	3.9	SR5	10/17/2019 17:50	29.02	87.5	5.64	3.8	SR5	10/17/2019 23:50	28.67	78.9	5.54	3.9
SR5	10/17/2019 5:55	28.61	84.3	5.49	5.4	SR5	10/17/2019 11:55	28.71	79.2	5.55	3.5	SR5	10/17/2019 17:55	28.99	88.5	5.71	4.8	SR5	10/17/2019 23:55	28.67	80.2	5.63	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)
SR12	10/17/2019 0:01	28.40	86.9	6.19	4.9	SR12	10/17/2019 6:01	28.28	81.2	5.64	5.1	SR12	10/17/2019 12:01	28.26	88.9	6.33	6.2	SR12	10/17/2019 18:01	28.67	87.9	6.23	4.1
SR12	10/17/2019 0:06	28.38	85.8	5.99	4.7	SR12	10/17/2019 6:06	28.27	82.8	5.75	7.8	SR12	10/17/2019 12:06	28.27	89.7	6.38	6.0	SR12	10/17/2019 18:06	28.66	87.6	6.23	4.1
SR12	10/17/2019 0:11	28.38	84.4	5.90	4.6	SR12	10/17/2019 6:11	28.27	79.2	5.52	5.1	SR12	10/17/2019 12:11	28.27	89.9	6.40	5.4	SR12	10/17/2019 18:11	28.62	87.2	6.21	4.9
SR12	10/17/2019 0:16	28.35	85.1	5.93	4.8	SR12	10/17/2019 6:16	28.27	79.0	5.48	4.9	SR12	10/17/2019 12:16	28.26	89.1	6.35	6.0	SR12	10/17/2019 18:16	28.60	87.2	6.20	5.4
SR12	10/17/2019 0:21	28.36	85.0	6.00	5.6	SR12	10/17/2019 6:21	28.25	79.4	5.52	4.2	SR12	10/17/2019 12:21	28.26	89.5	6.37	5.7	SR12	10/17/2019 18:21	28.58	86.0	6.12	5.0
SR12	10/17/2019 0:26	28.35	85.7	5.97	6.2	SR12	10/17/2019 6:26	28.22	76.4	5.31	4.4	SR12	10/17/2019 12:26	28.25	89.5	6.37	7.1	SR12	10/17/2019 18:26	28.59	84.4	6.00	4.5
SR12	10/17/2019 0:31	28.34	83.7	5.86	4.6	SR12	10/17/2019 6:31	28.22	77.3	5.38	3.9	SR12	10/17/2019 12:31	28.25	89.4	6.38	5.6	SR12	10/17/2019 18:31	28.58	87.1	6.19	4.6
SR12	10/17/2019 0:36	28.34	83.3	5.94	5.6	SR12	10/17/2019 6:36	28.23	71.9	4.99	3.9	SR12	10/17/2019 12:36	28.25	89.0	6.35	5.1	SR12	10/17/2019 18:36	28.61	87.5	6.22	3.9
SR12	10/17/2019 0:41	28.35	84.0	5.98	5.7	SR12	10/17/2019 6:41	28.22	76.7	5.33	3.8	SR12	10/17/2019 12:41	28.26	89.5	6.37	5.1	SR12	10/17/2019 18:41	28.61	87.6	6.23	4.0
SR12	10/17/2019 0:46	28.32	82.8	5.79	5.3	SR12	10/17/2019 6:46	28.21	77.7	5.56	3.4	SR12	10/17/2019 12:46	28.29	89.8	6.40	4.7	SR12	10/17/2019 18:46	28.61	87.4	6.21	4.0
SR12	10/17/2019 0:51	28.33	84.3	6.00	5.7	SR12	10/17/2019 6:51	28.19	77.0	5.35	3.6	SR12	10/17/2019 12:51	28.29	89.4	6.37	5.5	SR12	10/17/2019 18:51	28.58	86.7	6.16	4.7
SR12	10/17/2019 0:56	28.33	83.2	5.95	5.1	SR12	10/17/2019 6:56	28.19	78.5	5.47	4.6	SR12	10/17/2019 12:56	28.29	89.3	6.37	5.4	SR12	10/17/2019 18:56	28.57	85.7	6.09	4.0
SR12	10/17/2019 1:01	28.32	83.4	5.82	5.2	SR12	10/17/2019 7:01	28.21	78.6	5.48	3.7	SR12	10/17/2019 13:01	28.31	89.5	6.38	7.0	SR12	10/17/2019 19:01	28.57	85.0	6.04	4.3
SR12	10/17/2019 1:06	28.33	83.1	5.79	5.0	SR12	10/17/2019 7:06	28.21	79.0	5.50	4.0	SR12	10/17/2019 13:06	28.34	90.2	6.44	5.3	SR12	10/17/2019 19:06	28.55	84.9	6.03	4.6
SR12	10/17/2019 1:11	28.32	82.4	5.72	4.7	SR12	10/17/2019 7:11	28.20	77.9	5.42	3.7	SR12	10/17/2019 13:11	28.33	89.6	6.39	5.0	SR12	10/17/2019 19:11	28.54	85.2	6.05	4.8
SR12	10/17/2019 1:16	28.33	81.8	5.71	4.6	SR12	10/17/2019 7:16	28.17	71.1	4.95	3.4	SR12	10/17/2019 13:16	28.33	88.5	6.32	6.6	SR12	10/17/2019 19:16	28.52	85.4	6.08	4.4
SR12	10/17/2019 1:21	28.34	82.8	5.87	5.4	SR12	10/17/2019 7:21	28.20	75.3	5.26	3.6	SR12	10/17/2019 13:21	28.37	90.7	6.46	4.5	SR12	10/17/2019 19:21	28.51	84.4	6.01	4.2
SR12	10/17/2019 1:26	28.34	83.8	5.96	5.9	SR12	10/17/2019 7:26	28.23	77.9	5.42	3.8	SR12	10/17/2019 13:26	28.35	89.1	6.35	5.5	SR12	10/17/2019 19:26	28.52	85.6	6.09	4.7
SR12	10/17/2019 1:31	28.34	82.5	5.87	8.2	SR12	10/17/2019 7:31	28.25	78.7	5.47	4.2	SR12	10/17/2019 13:31	28.35	90.1	6.43	6.6	SR12	10/17/2019 19:31	28.52	85.1	6.06	4.2
SR12	10/17/2019 1:36	28.34	83.0	5.78	5.2	SR12	10/17/2019 7:36	28.25	77.4	5.37	5.0	SR12	10/17/2019 13:36	28.36	89.2	6.36	4.9	SR12	10/17/2019 19:36	28.52	84.7	6.04	4.2
SR12	10/17/2019 1:41	28.34	82.4	5.76	5.0	SR12	10/17/2019 7:41	28.25	78.2	5.43	3.8	SR12	10/17/2019 13:41	28.36	87.0	6.22	5.2	SR12	10/17/2019 19:41	28.59	85.8	6.11	4.3
SR12	10/17/2019 1:46	28.34	83.4	5.94	5.4	SR12	10/17/2019 7:46	28.26	76.2	5.43	4.2	SR12	10/17/2019 13:46	28.42	90.2	6.43	4.6	SR12	10/17/2019 19:46	28.58	86.3	6.15	4.4
SR12	10/17/2019 1:51	28.34	84.0	5.83	5.6	SR12	10/17/2019 7:51	28.26	77.7	5.52	4.3	SR12	10/17/2019 13:51	28.38	89.7	6.40	6.5	SR12	10/17/2019 19:51	28.55	85.5	6.09	3.7
SR12	10/17/2019 1:56	28.34	82.6	5.74	4.6	SR12	10/17/2019 7:56	28.27	74.8	5.33	3.8	SR12	10/17/2019 13:56	28.36	87.4	6.23	6.5	SR12	10/17/2019 19:56	28.54	86.1	6.13	3.8
SR12	10/17/2019 2:01	28.34	84.1	5.84	5.3	SR12	10/17/2019 8:01	28.26	77.1	5.49	4.1	SR12	10/17/2019 14:01	28.38	88.3	6.28	5.2	SR12	10/17/2019 20:01	28.56	86.9	6.17	4.9
SR12	10/17/2019 2:06	28.34	83.4	5.81	5.2	SR12	10/17/2019 8:06	28.26	75.9	5.41	6.2	SR12	10/17/2019 14:06	28.37	87.9	6.26	6.1	SR12	10/17/2019 20:06	28.57	86.3	6.13	4.8
SR12	10/17/2019 2:11	28.33	85.2	6.08	4.6	SR12	10/17/2019 8:11	28.27	78.9	5.62	5.4	SR12	10/17/2019 14:11	28.38	87.9	6.25	5.1	SR12	10/17/2019 20:11	28.57	85.5	6.08	4.0
SR12	10/17/2019 2:16	28.31	84.1	5.85	5.1	SR12	10/17/2019 8:16	28.28	78.6	5.60	5.3	SR12	10/17/2019 14:16	28.38	88.5	6.30	5.7	SR12	10/17/2019 20:16	28.56	86.8	6.26	7.1
SR12	10/17/2019 2:21	28.30	83.9	5.83	4.0	SR12	10/17/2019 8:21	28.27	79.9	5.68	5.7	SR12	10/17/2019 14:21	28.38	88.5	6.30	5.3	SR12	10/17/2019 20:21	28.56	86.0	6.18	4.8
SR12	10/17/2019 2:26	28.30	82.5	5.75	4.3	SR12	10/17/2019 8:26	28.26	79.7	5.68	5.0	SR12	10/17/2019 14:26	28.38	88.5	6.31	4.9	SR12	10/17/2019 20:26	28.57	85.3	6.15	4.4
SR12	10/17/2019 2:31	28.31	84.3	5.88	4.7	SR12	10/17/2019 8:31	28.27	80.3	5.72	4.4	SR12	10/17/2019 14:31	28.42	88.7	6.32	4.3	SR12	10/17/2019 20:31	28.58	83.7	6.06	4.7
SR12	10/17/2019 2:36	28.30	84.6	5.91	4.6	SR12	10/17/2019 8:36	28.28	81.0	5.76	4.8	SR12	10/17/2019 14:36	28.39	88.7	6.32	4.7	SR12	10/17/2019 20:36	28.56	84.2	6.05	4.7
SR12	10/17/2019 2:41	28.30	85.8	6.00	4.6	SR12	10/17/2019 8:41	28.28	80.4	5.72	4.8	SR12	10/17/2019 14:41	28.37	88.7	6.32	5.8	SR12	10/17/2019 20:41	28.55	84.9	6.13	4.5
SR12	10/17/2019 2:46	28.30	85.5	5.96	4.7	SR12	10/17/2019 8:46	28.28	84.3	6.03	6.5	SR12	10/17/2019 14:46	28.39	89.1	6.35	4.7	SR12	10/17/2019 20:46	28.56	85.4	6.20	4.7
SR12	10/17/2019 2:51	28.30	85.2	5.93	4.8	SR12	10/17/2019 8:51	28.29	84.1	6.01	4.3	SR12	10/17/2019 14:51	28.38	88.6	6.32	5.3	SR12	10/17/2019 20:51	28.54	84.3	6.10	5.4
SR12	10/17/2019 2:56	28.30	86.5	6.03	5.2	SR12	10/17/2019 8:56	28.27	84.0	6.01	4.3	SR12	10/17/2019 14:56	28.40	88.6	6.32	5.2	SR12	10/17/2019 20:56	28.50	86.1	6.22	6.7
SR12	10/17/2019 3:01	28.29	85.7	5.99	5.8	SR12	10/17/2019 9:01	28.24	76.5	5.49	3.4	SR12	10/17/2019 15:01	28.38	87.5	6.25	4.7	SR12	10/17/2019 21:01	28.49	85.9	6.21	5.0
SR12	10/17/2019 3:06	28.29	85.2	5.95	4.4	SR12	10/17/2019 9:06	28.25	81.1	5.81	4.3	SR12	10/17/2019 15:06	28.39	86.9	6.20	4.6	SR12	10/17/2019 21:06	28.51	87.0	6.26	5.3
SR12	10/17/2019 3:11	28.28	84.6	5.90	3.7	SR12	10/17/2019 9:11	28.26	82.8	5.93	4.3	SR12	10/17/2019 15:11	28.39	88.4	6.30	5.0	SR12	10/17/2019 21:11	28.51	85.3	6.18	5.2
SR12	10/17/2019 3:16	28.27	84.6	5.87	4.6	SR12	10/17/2019 9:16	28.27	85.9	6.14	4.6	SR12	10/17/2019 15:16	28.40	89.6	6.38	4.8	SR12	10/17/2019 21:16	28.50	86.3	6.25	5.0
SR12	10/17/2019 3:21	28.26	86.2	5.98	4.8	SR12	10/17/2019 9:21	28.27	85.4	6.11	4.1	SR12	10/17/2019 15:21	28.39	86.5	6.17	5.0	SR12	10/17/2019 21:21	28.50	86.1	6.23	5.0
SR12	10/17/2019 3:26	28.25	85.6	5.94	4.1	SR12	10/17/2019 9:26	28.26	86.2	6.17	5.4	SR12	10/17/2019 15:26	28.38	85.9	6.13	4.8	SR12	10/17/2019 21:26	28.50	85.3	6.16	5.2
SR12	10/17/2019 3:31	28.26	85.5	5.96	4.0	SR12	10/17/2019 9:31	28.26	84.2	6.03	4.0	SR12	10/17/2019 15:31	28.38	86.6	6.18	4.7	SR12	10/17/2019 21:31	28.50	85.0	6.14	6.4
SR12	10/17/2019 3:36	28.26	86.0	5.97	4.3	SR12	10/17/2019 9:36	28.19	75.2	5.41	6.4	SR12	10/17/2019 15:36	28.37	85.0	6.07	5.0	SR12	10/17/2019 21:36	28.47	87.6	6.34	6.4
SR12	10/17/2019 3:41	28.27	87.5	6.07	5.0	SR12	10/17/2019 9:41	28.22	76.9	5.53	5.6	SR12	10/17/2019 15:41	28.39	87.3	6.23	5.1	SR12	10/17/2019 21:41	28.48	86.6	6.26	5.4
SR12	10/17/2019 3:46	28.27	87.3	6.08	5.6	SR12	10/17/2019 9:46	28.24	81.5	5.84	4.7	SR12	10/17/2019 15:46	28.37	85.2	6.07	4.9	SR12	10/17/2019 21:46	28.48	86.9	6.29	7.7
SR12	10/17/2019 3:51	28.29	86.7	6.03	4.7	SR12	10/17/2019 9:51	28.24	78.5	5.60	4.4	SR12	10/17/2019 15:51	28.37	86.4	6.17	5.1	SR12	10/17/2019 21:51	28.47	86.7	6.28	6.6
SR12	10/17/2019 3:56	28.28	85.3	5.94	4.6	SR12	10/17/2019 9:56	28.24	77.7	5.55	4.6	SR12	10/17/2019 15:56	28.41	87.0	6.19	4.3	SR12	10/17/2019 21:56	28.44	88.3	6.39	6.9
SR12	10/17/2019 4:01	28.26	85.2	5.93	4.7	SR12	10/17/2019 10:01	28.22	82.7	5.91	5.0	SR12	10/17/2019 16:01	28.40	86.0	6.13	5.3	SR12	10/17/2019 22:01	28.46	87.7	6.35	5.9
SR12	10/17/2019 4:06	28.28	85.0	5.90	4.3	SR12	10/17/2019 10:06	28.24	83.4	5.95	4.4	SR12	10/17/2019 16:06	28.41	86.5	6.16	4.7	SR12	10/17/2019 22:06	28.45	87.6	6.32	7.2
SR12	10/17/2019 4:11	28.28	85.5	5.95	5.0	SR12	10/17/2019 10:11	28.23	85.0	6.06	4.5	SR12	10/17/2019 16:11	28.56	88.0	6.26	3.8	SR12	10/17/2019 22:11	28.47	87.1	6.32	6.1
SR12	10/17/2019 4:16	28.28	87.3	6.08	4.9	SR12	10/17/2019 10:16	28.24	84.0	5.98	4.5	SR12	10/17/2019 16:16	28.54	89.1	6.34	3.7	SR12	10/17/2019 22:16	28.45	86.0	6.23	5.3
SR12	10/17/2019 4:21	28.28	86.4	6.02	5.3	SR12	10/17/2019 10:21	28.24	83.9	5.99	4.2	SR12	10/17/2019 16:21	28.55	88.2	6.27	4.0	SR12	10/17/2019 22:21	28.44	86.0	6.23	6.1
SR12	10/17/2019 4:26	28.27	86.1	6.02	4.9	SR12	10/17/2019 10:26	28.25	82.6	5.89	4.5	SR12	10/17/2019 16:26	28.48	88.3	6.27	4.6	SR12	10/17/2019 22:26	28.45	87.2	6.33	6.5
SR12	10/17/2019 4:31	28.28	87.0	6.07	4.8	SR12	10/17/2019 10:31	28.25	83.0	5.92	4.9	SR12	10/17/2019 16:31	28.48	87.4	6.22	3.7	SR12	10/17/2019 22:31	28.44	86.4	6.24	5.7
SR12	10/17/2019 4:36	28.27	86.3	6.03	5.4	SR12	10/17/2019 10:36	28.25	83.4	5.95	5.3	SR12	10/17/2019 16:36	28.57	88.7	6.31	3.1	SR12	10/17/2019 22:36	28.44	86.2	6.20	6.2
SR12	10/17/2019 4:41	28.27	85.9	5.98	4.0	SR12	10/17/2019 10:41	28.27	83.3	5.93	4.8	SR12	10/17/2019 16:41	28.61	88.6	6.29	3.3	SR12	10/17/2019 22:41	28.46	86.1	6.20	5.4
SR12	10/17/2019 4:46	28.27	85.8	5.97	5.3	SR12	10/17/2019 10:46	28.27	82.8	5.90	4.5	SR12	10/17/2019 16:46	28.60	89.0	6.32	4.0	SR12	10/17/2019 22:46	28.44	85.9	6.19	6.2
SR12	10/17/2019 4:51	28.27	84.9	5.91	5.1	SR12	10/17/2019 10:51	28.27	86.5	6.15	5.6	SR12	10/17/2019 16:51	28.52	87.8	6.25	3.9	SR12	10/17/2019 22:51	28.45	85.9	6.20	5.4
SR12	10/17/2019 4:56	28.27	84.9	5.90	3.6	SR12	10/17/2019 10:56	28.28	87.4	6.22	5.2	SR12	10/17/2019 16:56	28.52	87.7	6.23	5.1	SR12	10/17/2019 22:56	28.43	89.5	6.46	5.3
SR12	10/17/2019 5:01	28.26	83.9	5.83	4.5	SR12	10/17/2019 11:01	28.29	88.4	6.29	4.8	SR12	10/17/2019 17:01	28.59	88.0	6.25	4.4	SR12	10/17/2019 23:01	28.43	88.5	6.37	4.3
SR12	10/17/2019 5:06	28.27	84.4	5.86	4.9	SR12	10/17/2019 11:06	28.28	90.1	6.41	6.1	SR12	10/17/2019 17:06	28.50	87.5	6.22	5.7	SR12	10/17/2019 23:06	28.42	87.7	6.35	4.0
SR12	10/17/2019 5:11	28.28	85.0	5.91	4.8	SR12	10/17/2019 11:11	28.29	90.2	6.42	4.7	SR12	10/17/2019 17:11	28.58	88.1	6.25	4.0	SR12	10/17/2019 23:11	28.41	87.6	6.33	4.5
SR12	10/17/2019 5:16	28.27	84.4	5.87	5.2	SR12	10/17/2019 11:16	28.29	90.8	6.47	4.9	SR12	10/17/2019 17:16	28.57	88.6	6.29	4.8	SR12	10/17/2019 23:16	28.40	88.3	6.38	5.2
SR12	10/17/2019 5:21	28.27	84.4	5.87	5.1	SR12	10/17/2019 11:21	28.30	89.6	6.39	4.9	SR12	10/17/2019 17:21	28.66	88.9	6.31	4.1	SR12	10/17/2019 23:21	28.41	90.1	6.11	5.4
SR12	10/17/2019 5:26	28.28	84.0	5.84	4.5	SR12	10/17/2019 11:26	28.28	88.9	6.33	6.2	SR12	10/17/2019 17:26	28.67	88.4	6.27	4.1	SR12	10/17/2019 23:26	28.41	89.8	6.11	4.6
SR12	10/17/2019 5:31	28.28	83.4	5.80	4.5	SR12	10/17/2019 11:31	28.30	89.4	6.37	5.4	SR12	10/17/2019 17:31	28.67	87.6	6.21	4.0	SR12	10/17/2019 23:31	28.40	90.9	6.18	4.8
SR12	10/17/2019 5:36	28.27	82.9	5.78	4.5	SR12	10/17/2019 11:36	28.31	88.5	6.31	6.6	SR12	10/17/2019 17:36	28.72	89.0	6.31	4.2	SR12	10/17/2019 23:36	28.34	90.6	6.16	5.3
SR12	10/17/2019 5:41	28.28	83.3	5.81	4.8	SR12	10/17/2019 11:41	28.32	88.3	6.29	5.9	SR12	10/17/2019 17:41	28.70	89.0	6.32	4.4	SR12	10/17/2019 23:41	28.34	90.0	6.12	5.0
SR12	10/17/2019 5:46	28.28	83.3	5.80	4.9	SR12	10/17/2019 11:46	28.32	88.1	6.27	5.8	SR12	10/17/2019 17:46	28.69	88.8	6.31	4.7	SR12	10/17/2019 23:46	28.33	89.8	6.11	5.1
SR12	10/17/2019 5:51	28.28	82.9	5.76	5.0	SR12	10/17/2019 11:51	28.32	88.7	6.32	5.8	SR12	10/17/2019 17:51	28.68	88.9	6.31	4.2	SR12	10/17/2019 23:51	28.32	88.9	6.03	4.9
SR12	10/17/2019 5:56	28.28	82.3	5.71	3.8	SR12	10/17/2019 11:56	28.28	87.6	6.25	6.5	SR12	10/17/2019 17:56	28.67	89.3	6.35	4.5	SR12	10/17/2019 23:56	28.35	89.7	6.10	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	10/17/2019 0:00	28.27	81.2	5.91	5.6	SR13	10/17/2019 6:00	28.09	81.6	5.97	7.1	SR13	10/17/2019 12:00	28.01	79.3	5.82	5.2	SR13	10/17/2019 18:00	27.94	83.3	5.90	4.8
SR13	10/17/2019 0:05	28.25	81.7	5.95	4.6	SR13	10/17/2019 6:05	28.10	82.0	6.00	6.2	SR13	10/17/2019 12:05	28.00	80.4	5.91	4.7	SR13	10/17/2019 18:05	27.94	83.7	5.93	4.5
SR13	10/17/2019 0:10	28.25	81.3	5.93	4.1	SR13	10/17/2019 6:10	28.09	81.1	5.90	5.4	SR13	10/17/2019 12:10	28.02	81.7	5.78	4.5	SR13	10/17/2019 18:10	27.96	82.7	5.86	3.8
SR13	10/17/2019 0:15	28.26	81.1	5.91	4.1	SR13	10/17/2019 6:15	28.10	81.1	5.93	5.6	SR13	10/17/2019 12:15	28.03	81.8	5.74	5.5	SR13	10/17/2019 18:15	27.96	83.1	5.89	5.8
SR13	10/17/2019 0:20	28.24	81.5	5.97	5.3	SR13	10/17/2019 6:20	28.11	81.3	5.95	7.2	SR13	10/17/2019 12:20	28.02	82.2	5.78	4.8	SR13	10/17/2019 18:20	27.96	83.0	5.88	5.8
SR13	10/17/2019 0:25	28.25	80.5	5.89	5.1	SR13	10/17/2019 6:25	28.12	81.5	5.92	6.4	SR13	10/17/2019 12:25	28.01	82.0	5.77	5.2	SR13	10/17/2019 18:25	27.98	83.4	5.90	6.2
SR13	10/17/2019 0:30	28.29	80.0	5.84	4.4	SR13	10/17/2019 6:30	28.12	81.4	5.92	6.7	SR13	10/17/2019 12:30	28.01	82.2	5.78	4.4	SR13	10/17/2019 18:30	27.99	83.9	5.95	5.0
SR13	10/17/2019 0:35	28.28	80.9	5.91	5.7	SR13	10/17/2019 6:35	28.12	82.2	5.97	6.2	SR13	10/17/2019 12:35	27.99	81.5	5.72	4.3	SR13	10/17/2019 18:35	27.99	84.7	6.00	4.4
SR13	10/17/2019 0:40	28.26	81.3	5.93	5.3	SR13	10/17/2019 6:40	28.13	81.6	5.92	6.5	SR13	10/17/2019 12:40	27.98	79.4	5.57	5.0	SR13	10/17/2019 18:40	28.01	84.3	5.97	6.5
SR13	10/17/2019 0:45	28.32	80.7	5.90	5.0	SR13	10/17/2019 6:45	28.14	82.0	5.99	5.4	SR13	10/17/2019 12:45	27.98	80.4	5.64	4.8	SR13	10/17/2019 18:45	28.03	86.2	6.11	4.2
SR13	10/17/2019 0:50	28.35	79.7	5.82	4.5	SR13	10/17/2019 6:50	28.14	82.2	6.00	6.7	SR13	10/17/2019 12:50	27.99	81.4	5.71	4.4	SR13	10/17/2019 18:50	28.03	86.3	6.12	6.3
SR13	10/17/2019 0:55	28.36	79.9	5.82	4.2	SR13	10/17/2019 6:55	28.15	81.4	5.95	6.8	SR13	10/17/2019 12:55	27.99	81.8	5.73	5.0	SR13	10/17/2019 18:55	28.03	86.4	6.13	5.3
SR13	10/17/2019 1:00	28.35	80.8	5.89	5.2	SR13	10/17/2019 7:00	28.17	81.7	5.93	5.8	SR13	10/17/2019 13:00	27.99	81.0	5.68	6.2	SR13	10/17/2019 19:00	28.05	86.0	6.09	4.4
SR13	10/17/2019 1:05	28.32	79.5	5.80	9.3	SR13	10/17/2019 7:05	28.18	81.3	5.91	7.0	SR13	10/17/2019 13:05	27.99	81.0	5.68	5.5	SR13	10/17/2019 19:05	28.06	84.7	6.01	6.1
SR13	10/17/2019 1:10	28.35	78.9	5.73	4.6	SR13	10/17/2019 7:10	28.19	80.7	5.91	4.8	SR13	10/17/2019 13:10	27.99	80.2	5.67	5.1	SR13	10/17/2019 19:10	28.08	85.3	6.04	5.7
SR13	10/17/2019 1:15	28.36	79.6	5.79	4.3	SR13	10/17/2019 7:15	28.20	80.6	5.84	6.1	SR13	10/17/2019 13:15	27.99	80.0	5.65	5.3	SR13	10/17/2019 19:15	28.07	85.6	6.06	5.4
SR13	10/17/2019 1:20	28.36	79.8	5.81	4.1	SR13	10/17/2019 7:20	28.20	80.9	5.87	6.3	SR13	10/17/2019 13:20	27.98	79.1	5.59	4.0	SR13	10/17/2019 19:20	28.07	85.1	6.04	6.8
SR13	10/17/2019 1:25	28.34	81.4	5.92	6.3	SR13	10/17/2019 7:25	28.20	81.7	5.92	5.3	SR13	10/17/2019 13:25	27.98	79.6	5.63	5.6	SR13	10/17/2019 19:25	28.07	85.0	6.02	4.7
SR13	10/17/2019 1:30	28.34	81.4	5.95	4.9	SR13	10/17/2019 7:30	28.21	80.9	5.87	5.6	SR13	10/17/2019 13:30	27.98	79.1	5.59	5.6	SR13	10/17/2019 19:30	28.08	85.2	6.04	5.7
SR13	10/17/2019 1:35	28.32	81.4	5.91	6.1	SR13	10/17/2019 7:35	28.21	81.1	5.93	5.1	SR13	10/17/2019 13:35	27.98	79.6	5.63	5.8	SR13	10/17/2019 19:35	28.09	84.5	5.98	6.6
SR13	10/17/2019 1:40	28.32	80.5	5.85	5.1	SR13	10/17/2019 7:40	28.21	81.9	5.94	5.5	SR13	10/17/2019 13:40	27.97	79.1	5.60	4.6	SR13	10/17/2019 19:40	28.08	85.3	6.05	5.0
SR13	10/17/2019 1:45	28.31	79.7	5.79	4.5	SR13	10/17/2019 7:45	28.21	81.6	5.92	6.0	SR13	10/17/2019 13:45	27.96	79.2	5.60	6.0	SR13	10/17/2019 19:45	28.09	85.3	6.04	5.8
SR13	10/17/2019 1:50	28.32	79.8	5.84	4.8	SR13	10/17/2019 7:50	28.20	80.7	5.87	5.4	SR13	10/17/2019 13:50	27.96	80.1	5.67	5.9	SR13	10/17/2019 19:50	28.10	85.4	6.04	4.3
SR13	10/17/2019 1:55	28.25	81.2	5.95	6.4	SR13	10/17/2019 7:55	28.20	80.8	5.88	4.4	SR13	10/17/2019 13:55	27.97	78.5	5.55	4.4	SR13	10/17/2019 19:55	28.12	86.3	6.12	4.1
SR13	10/17/2019 2:00	28.25	80.1	5.82	5.0	SR13	10/17/2019 8:00	28.20	81.5	5.93	5.2	SR13	10/17/2019 14:00	27.99	78.5	5.54	4.3	SR13	10/17/2019 20:00	28.11	85.5	6.07	4.4
SR13	10/17/2019 2:05	28.26	80.3	5.84	6.2	SR13	10/17/2019 8:05	28.20	81.5	5.94	6.4	SR13	10/17/2019 14:05	27.98	78.8	5.57	5.6	SR13	10/17/2019 20:05	28.11	86.3	6.12	6.6
SR13	10/17/2019 2:10	28.25	79.7	5.80	6.5	SR13	10/17/2019 8:10	28.21	81.7	5.94	5.2	SR13	10/17/2019 14:10	27.97	79.0	5.61	5.9	SR13	10/17/2019 20:10	28.12	85.6	6.06	6.3
SR13	10/17/2019 2:15	28.25	80.4	5.84	5.1	SR13	10/17/2019 8:15	28.22	81.0	5.90	5.1	SR13	10/17/2019 14:15	27.97	79.3	5.63	4.7	SR13	10/17/2019 20:15	28.11	86.2	6.11	5.0
SR13	10/17/2019 2:20	28.25	81.2	5.91	6.1	SR13	10/17/2019 8:20	28.21	81.3	5.91	5.1	SR13	10/17/2019 14:20	27.97	77.0	5.46	4.6	SR13	10/17/2019 20:20	28.13	85.3	6.05	6.6
SR13	10/17/2019 2:25	28.24	80.9	5.88	5.4	SR13	10/17/2019 8:25	28.20	81.5	5.93	6.3	SR13	10/17/2019 14:25	27.95	76.8	5.45	4.4	SR13	10/17/2019 20:25	28.13	85.3	6.05	6.1
SR13	10/17/2019 2:30	28.24	81.3	5.91	6.1	SR13	10/17/2019 8:30	28.19	80.9	5.89	5.4	SR13	10/17/2019 14:30	27.95	78.9	5.60	4.1	SR13	10/17/2019 20:30	28.14	85.1	6.03	3.9
SR13	10/17/2019 2:35	28.24	80.6	5.87	6.0	SR13	10/17/2019 8:35	28.19	81.5	5.92	4.9	SR13	10/17/2019 14:35	27.96	79.1	5.61	5.3	SR13	10/17/2019 20:35	28.14	85.4	6.06	5.8
SR13	10/17/2019 2:40	28.20	80.3	5.84	5.0	SR13	10/17/2019 8:40	28.18	80.5	5.84	5.4	SR13	10/17/2019 14:40	27.96	80.9	5.73	4.8	SR13	10/17/2019 20:40	28.15	86.3	6.12	6.2
SR13	10/17/2019 2:45	28.20	79.9	5.82	4.5	SR13	10/17/2019 8:45	28.15	81.3	5.89	6.0	SR13	10/17/2019 14:45	27.97	80.7	5.72	5.1	SR13	10/17/2019 20:45	28.14	84.5	5.99	6.9
SR13	10/17/2019 2:50	28.20	78.4	5.70	4.2	SR13	10/17/2019 8:50	28.12	80.8	5.86	6.0	SR13	10/17/2019 14:50	27.97	81.2	5.76	4.3	SR13	10/17/2019 20:50	28.15	84.9	6.02	6.5
SR13	10/17/2019 2:55	28.20	79.4	5.78	4.4	SR13	10/17/2019 8:55	28.11	80.7	5.85	4.3	SR13	10/17/2019 14:55	27.98	80.5	5.71	5.5	SR13	10/17/2019 20:55	28.14	85.2	6.05	4.7
SR13	10/17/2019 3:00	28.22	79.4	5.77	6.2	SR13	10/17/2019 9:00	28.13	80.7	5.85	4.9	SR13	10/17/2019 15:00	27.94	74.5	5.29	9.4	SR13	10/17/2019 21:00	28.14	83.7	5.94	6.0
SR13	10/17/2019 3:05	28.22	78.1	5.68	6.1	SR13	10/17/2019 9:05	28.13	81.5	5.96	4.9	SR13	10/17/2019 15:05	27.97	76.6	5.44	4.6	SR13	10/17/2019 21:05	28.16	84.9	6.01	4.4
SR13	10/17/2019 3:10	28.22	77.5	5.64	4.6	SR13	10/17/2019 9:10	28.12	82.1	6.00	5.1	SR13	10/17/2019 15:10	28.01	78.6	5.58	4.6	SR13	10/17/2019 21:10	28.14	83.8	5.94	5.1
SR13	10/17/2019 3:15	28.23	78.3	5.70	5.8	SR13	10/17/2019 9:15	28.11	81.4	5.95	6.1	SR13	10/17/2019 15:15	28.02	78.1	5.54	4.4	SR13	10/17/2019 21:15	28.14	83.8	5.94	6.2
SR13	10/17/2019 3:20	28.20	79.5	5.79	4.4	SR13	10/17/2019 9:20	28.10	81.2	5.96	4.8	SR13	10/17/2019 15:20	28.02	77.3	5.48	4.9	SR13	10/17/2019 21:20	28.15	83.7	5.92	5.2
SR13	10/17/2019 3:25	28.21	78.6	5.72	5.4	SR13	10/17/2019 9:25	28.09	80.9	5.91	4.7	SR13	10/17/2019 15:25	28.03	79.0	5.60	5.8	SR13	10/17/2019 21:25	28.15	83.1	5.90	5.3
SR13	10/17/2019 3:30	28.22	78.4	5.71	5.7	SR13	10/17/2019 9:30	28.09	81.4	5.96	4.7	SR13	10/17/2019 15:30	28.05	79.2	5.62	4.8	SR13	10/17/2019 21:30	28.18	84.7	6.00	4.6
SR13	10/17/2019 3:35	28.22	78.9	5.74	5.7	SR13	10/17/2019 9:35	28.07	81.8	6.01	5.5	SR13	10/17/2019 15:35	28.07	80.0	5.66	5.0	SR13	10/17/2019 21:35	28.21	85.2	6.04	4.9
SR13	10/17/2019 3:40	28.22	79.0	5.75	6.2	SR13	10/17/2019 9:40	28.04	81.7	6.00	5.3	SR13	10/17/2019 15:40	28.09	78.6	5.58	5.2	SR13	10/17/2019 21:40	28.19	84.3	5.97	5.7
SR13	10/17/2019 3:45	28.20	81.1	5.90	5.5	SR13	10/17/2019 9:45	28.02	82.1	6.02	6.2	SR13	10/17/2019 15:45	28.10	79.8	5.66	5.5	SR13	10/17/2019 21:45	28.20	84.8	6.01	5.6
SR13	10/17/2019 3:50	28.20	80.9	5.89	6.2	SR13	10/17/2019 9:50	28.02	81.8	6.01	4.9	SR13	10/17/2019 15:50	28.12	78.8	5.59	6.3	SR13	10/17/2019 21:50	28.18	84.6	5.99	6.2
SR13	10/17/2019 3:55	28.19	81.0	5.89	5.0	SR13	10/17/2019 9:55	28.02	82.7	6.05	6.2	SR13	10/17/2019 15:55	28.13	80.9	5.74	5.1	SR13	10/17/2019 21:55	28.18	84.1	5.95	5.8
SR13	10/17/2019 4:00	28.20	80.8	5.88	4.9	SR13	10/17/2019 10:00	28.01	82.1	6.03	4.9	SR13	10/17/2019 16:00	28.14	80.3	5.70	6.2	SR13	10/17/2019 22:00	28.21	85.6	6.07	6.0
SR13	10/17/2019 4:05	28.20	79.5	5.84	5.3	SR13	10/17/2019 10:05	28.01	82.1	6.03	6.0	SR13	10/17/2019 16:05	28.16	80.2	5.69	5.7	SR13	10/17/2019 22:05	28.22	85.2	6.03	4.8
SR13	10/17/2019 4:10	28.19	78.8	5.75	7.1	SR13	10/17/2019 10:10	28.02	81.6	5.99	6.3	SR13	10/17/2019 16:10	28.16	80.4	5.71	6.1	SR13	10/17/2019 22:10	28.22	84.6	5.99	4.9
SR13	10/17/2019 4:15	28.17	82.1	5.97	6.3	SR13	10/17/2019 10:15	28.03	82.0	6.02	5.7	SR13	10/17/2019 16:15	28.16	82.0	5.81	5.5	SR13	10/17/2019 22:15	28.21	84.1	5.95	5.1
SR13	10/17/2019 4:20	28.17	82.1	5.98	5.4	SR13	10/17/2019 10:20	28.02	82.2	6.02	5.0	SR13	10/17/2019 16:20	28.17	81.9	5.80	5.6	SR13	10/17/2019 22:20	28.20	84.3	5.96	6.1
SR13	10/17/2019 4:25	28.16	81.5	5.93	5.2	SR13	10/17/2019 10:25	28.02	82.5	6.06	6.1	SR13	10/17/2019 16:25	28.16	82.6	5.86	4.0	SR13	10/17/2019 22:25	28.21	85.0	6.02	4.6
SR13	10/17/2019 4:30	28.15	81.7	5.94	7.5	SR13	10/17/2019 10:30	28.02	82.6	6.05	5.3	SR13	10/17/2019 16:30	28.17	83.0	5.87	4.9	SR13	10/17/2019 22:30	28.19	84.2	5.96	6.1
SR13	10/17/2019 4:35	28.14	81.9	5.99	5.9	SR13	10/17/2019 10:35	28.02	82.7	6.07	5.6	SR13	10/17/2019 16:35	28.17	83.4	5.92	4.4	SR13	10/17/2019 22:35	28.21	84.8	6.01	4.1
SR13	10/17/2019 4:40	28.12	82.4	5.99	6.9	SR13	10/17/2019 10:40	28.01	83.0	6.09	5.4	SR13	10/17/2019 16:40	28.16	83.3	5.91	5.6	SR13	10/17/2019 22:40	28.22	84.5	5.98	6.2
SR13	10/17/2019 4:45	28.09	81.5	5.93	6.2	SR13	10/17/2019 10:45	28.00	82.8	6.09	5.2	SR13	10/17/2019 16:45	28.15	80.2	5.70	5.2	SR13	10/17/2019 22:45	28.23	84.6	6.00	5.7
SR13	10/17/2019 4:50	28.08	81.7	5.95	6.1	SR13	10/17/2019 10:50	28.00	82.4	6.04	5.8	SR13	10/17/2019 16:50	28.14	81.2	5.76	4.2	SR13	10/17/2019 22:50	28.22	84.0	5.95	5.9
SR13	10/17/2019 4:55	28.07	81.5	5.95	6.2	SR13	10/17/2019 10:55	27.99	81.8	6.00	5.0	SR13	10/17/2019 16:55	28.15	82.9	5.89	4.4	SR13	10/17/2019 22:55	28.21	85.0	6.02	4.2
SR13	10/17/2019 5:00	28.07	81.6	5.94	7.0	SR13	10/17/2019 11:00	27.98	81.8	6.01	5.4	SR13	10/17/2019 17:00	28.14	83.5	5.93	5.1	SR13	10/17/2019 23:00	28.23	85.0	6.01	4.6
SR13	10/17/2019 5:05	28.08	82.6	6.01	6.4	SR13	10/17/2019 11:05	27.99	82.3	6.04	6.1	SR13	10/17/2019 17:05	28.15	83.0	5.88	5.9	SR13	10/17/2019 23:05	28.22	84.4	5.98	6.0
SR13	10/17/2019 5:10	28.07	81.6	5.98	6.3	SR13	10/17/2019 11:10	27.97	81.9	6.01	4.6	SR13	10/17/2019 17:10	28.11	83.6	5.93	4.8	SR13	10/17/2019 23:10	28.19	84.0	5.96	5.3
SR13	10/17/2019 5:15	28.06	80.8	5.92	6.0	SR13	10/17/2019 11:15	27.98	81.9	6.02	5.5	SR13	10/17/2019 17:15	28.09	83.3	5.91	5.1	SR13	10/17/2019 23:15	28.19	83.9	5.94	5.5
SR13	10/17/2019 5:20	28.08	80.9	5.88	6.5	SR13	10/17/2019 11:20	27.98	82.0	6.01	5.3	SR13	10/17/2019 17:20	28.03	78.1	5.54	5.1	SR13	10/17/2019 23:20	28.16	84.3	5.98	5.1
SR13	10/17/2019 5:25	28.09	80.3	5.87	7.2	SR13	10/17/2019 11:25	27.99	82.6	6.03	4.6	SR13	10/17/2019 17:25	28.02	79.6	5.65	6.9	SR13	10/17/2019 23:25	28.17	84.3	5.97	6.2
SR13	10/17/2019 5:30	28.08	80.1	5.82	5.7	SR13	10/17/2019 11:30	27.98	82.8	6.06	6.6	SR13	10/17/2019 17:30	28.02	81.7	5.79	4.5	SR13	10/17/2019 23:30	28.15	83.2	5.89	5.4
SR13	10/17/2019 5:35	28.08	79.7	5.80	5.0	SR13	10/17/2019 11:35	28.00	81.7	5.99	6.4	SR13	10/17/2019 17:35	27.99	81.7	5.79	4.5	SR13	10/17/2019 23:35	28.13	83.5	5.92	5.7
SR13	10/17/2019 5:40	28.07	80.9	5.87	7.1	SR13	10/17/2019 11:40	28.01	80.9	5.94	5.4	SR13	10/17/2019 17:40	27.98	80.5	5.71	6.2	SR13	10/17/2019 23:40	28.14	84.4	5.98	5.1
SR13	10/17/2019 5:45	28.08	81.3	5.92	6.0	SR13	10/17/2019 11:45	27.99	80.9	5.95	6.0	SR13	10/17/2019 17:45	27.96	83.8	5.94	5.4	SR13	10/17/2019 23:45	28.14	83.1	5.89	5.8
SR13	10/17/2019 5:50	28.07	82.2	5.97	5.6	SR13	10/17/2019 11:50	28.00	79.9	5.86	4.9	SR13	10/17/2019 17:50	27.95	83.6	5.92	4.7	SR13	10/17/2019 23:50	28.13	83.6	5.93	3.9
SR13	10/17/2019 5:55	28.08	81.5	5.93	6.4	SR13	10/17/2019 11:55	28.01	80.0	5.88	4.6	SR13	10/17/2019 17:55	27.95	84.7	6.01	5.2	SR13	10/17/2019 23:55	28.19	84.7	6.00	5.7

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	10/17/2019 0:17	0.19				SR12	10/17/2019 0:17	0.25			
SR4	10/17/2019 0:37	0.17				SR12	10/17/2019 0:37	0.27			
SR4	10/17/2019 0:57	0.19				SR12	10/17/2019 0:57	0.25			
SR4	10/17/2019 1:17	0.18				SR12	10/17/2019 1:17	0.26			
SR4	10/17/2019 1:37	0.19				SR12	10/17/2019 1:37	0.27			
SR4	10/17/2019 1:57	0.20				SR12	10/17/2019 1:57	0.27			
SR4	10/17/2019 2:17	0.20				SR12	10/17/2019 2:17	0.27			
SR4	10/17/2019 2:37	0.18				SR12	10/17/2019 2:37	0.27			
SR4	10/17/2019 2:57	0.18				SR12	10/17/2019 2:57	0.27			
SR4	10/17/2019 3:17	0.20				SR12	10/17/2019 3:17	0.27			
SR4	10/17/2019 3:37	0.18				SR12	10/17/2019 3:37	0.27			
SR4	10/17/2019 3:57	0.19				SR12	10/17/2019 3:57	0.29			
SR4	10/17/2019 4:17	0.19				SR12	10/17/2019 4:17	0.29			
SR4	10/17/2019 4:37	0.20				SR12	10/17/2019 4:37	0.28			
SR4	10/17/2019 4:57	0.21				SR12	10/17/2019 4:57	0.27			
SR4	10/17/2019 5:17	0.19				SR12	10/17/2019 5:17	0.29			
SR4	10/17/2019 5:37	0.20				SR12	10/17/2019 5:37	0.30			
SR4	10/17/2019 5:57	0.18				SR12	10/17/2019 5:57	0.29			
SR4						SR12					
SR4	10/17/2019 6:37	0.21				SR12	10/17/2019 6:37	0.27			
SR4	10/17/2019 6:57	0.21				SR12	10/17/2019 6:57	0.27			
SR4	10/17/2019 7:17	0.20				SR12	10/17/2019 7:17	0.29			
SR4	10/17/2019 7:37	0.19				SR12	10/17/2019 7:37	0.29			
SR4	10/17/2019 7:57	0.18				SR12	10/17/2019 7:57	0.27			
SR4	10/17/2019 8:17	0.20				SR12	10/17/2019 8:17	0.27			
SR4	10/17/2019 8:37	0.18				SR12	10/17/2019 8:37	0.27			
SR4	10/17/2019 8:57	0.18				SR12	10/17/2019 8:57	0.28			
SR4	10/17/2019 9:17	0.19				SR12	10/17/2019 9:17	0.29			
SR4	10/17/2019 9:37	0.19				SR12	10/17/2019 9:37	0.28			
SR4	10/17/2019 9:57	0.19				SR12	10/17/2019 9:57	0.27			
SR4	10/17/2019 10:17	0.18				SR12	10/17/2019 10:17	0.29			
SR4	10/17/2019 10:37	0.20				SR12	10/17/2019 10:37	0.28			
SR4	10/17/2019 10:57	0.21				SR12	10/17/2019 10:57	0.29			
SR4	10/17/2019 11:17	0.18				SR12	10/17/2019 11:17	0.29			
SR4	10/17/2019 11:37	0.21				SR12	10/17/2019 11:37	0.28			
SR4	10/17/2019 11:57	0.21				SR12	10/17/2019 11:57	0.28			
SR4	10/17/2019 12:17	0.18				SR12	10/17/2019 12:17	0.28			
SR4	10/17/2019 12:37	0.18				SR12	10/17/2019 12:37	0.29			
SR4	10/17/2019 12:57	0.19				SR12	10/17/2019 12:57	0.31			
SR4	10/17/2019 13:17	0.19				SR12	10/17/2019 13:17	0.29			
SR4	10/17/2019 13:37	0.21				SR12	10/17/2019 13:37	0.30			
SR4	10/17/2019 13:57	0.18				SR12	10/17/2019 13:57	0.29			
SR4	10/17/2019 14:17	0.19				SR12	10/17/2019 14:17	0.29			
SR4	10/17/2019 14:37	0.21				SR12	10/17/2019 14:37	0.31			
SR4	10/17/2019 14:57	0.19				SR12	10/17/2019 14:57	0.31			
SR4	10/17/2019 15:17	0.20				SR12	10/17/2019 15:17	0.31			
SR4	10/17/2019 15:37	0.21				SR12	10/17/2019 15:37	0.30			
SR4	10/17/2019 15:57	0.19				SR12	10/17/2019 15:57	0.31			
SR4	10/17/2019 16:17	0.20				SR12	10/17/2019 16:17	0.31			
SR4	10/17/2019 16:37	0.19				SR12	10/17/2019 16:37	0.29			
SR4	10/17/2019 16:57	0.19				SR12	10/17/2019 16:57	0.31			
SR4	10/17/2019 17:17	0.20				SR12	10/17/2019 17:17	0.30			
SR4	10/17/2019 17:37	0.21				SR12	10/17/2019 17:37	0.30			
SR4	10/17/2019 17:57	0.21				SR12	10/17/2019 17:57	0.31			
SR4	10/17/2019 18:17	0.23				SR12	10/17/2019 18:17	0.31			
SR4	10/17/2019 18:37	0.21				SR12	10/17/2019 18:37	0.31			
SR4	10/17/2019 18:57	0.23				SR12	10/17/2019 18:57	0.30			
SR4	10/17/2019 19:17	0.23				SR12	10/17/2019 19:17	0.28			
SR4	10/17/2019 19:37	0.22				SR12	10/17/2019 19:37	0.27			
SR4	10/17/2019 19:57	0.20				SR12	10/17/2019 19:57	0.28			
SR4	10/17/2019 20:17	0.21				SR12	10/17/2019 20:17	0.28			
SR4	10/17/2019 20:37	0.21				SR12	10/17/2019 20:37	0.28			
SR4	10/17/2019 20:57	0.20				SR12	10/17/2019 20:57	0.27			
SR4	10/17/2019 21:17	0.23				SR12	10/17/2019 21:17	0.28			
SR4	10/17/2019 21:37	0.21				SR12	10/17/2019 21:37	0.28			
SR4	10/17/2019 21:57	0.20				SR12	10/17/2019 21:57	0.29			
SR4	10/17/2019 22:17	0.22				SR12	10/17/2019 22:17	0.28			
SR4	10/17/2019 22:37	0.21				SR12	10/17/2019 22:37	0.28			
SR4	10/17/2019 22:57	0.21				SR12	10/17/2019 22:57	0.29			
SR4	10/17/2019 23:17	0.21				SR12	10/17/2019 23:17	0.28			
SR4	10/17/2019 23:37	0.22				SR12	10/17/2019 23:37	0.28			
SR4	10/17/2019 23:57	0.21				SR12	10/17/2019 23:57	0.27			

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 12:15-12:40.

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	10/18/2019 0:01	28.63	80.8	5.60	3.0	SR4	10/18/2019 6:01	28.49	74.9	5.22	2.3	SR4	10/18/2019 12:01	28.67	85.6	5.95	3.2	SR4	10/18/2019 18:01	28.83	86.0	5.99	3.5
SR4	10/18/2019 0:06	28.63	83.7	5.80	3.3	SR4	10/18/2019 6:06	28.50	74.2	5.17	2.2	SR4	10/18/2019 12:06	28.64	84.2	5.86	4.7	SR4	10/18/2019 18:06	28.82	84.4	5.88	1.9
SR4	10/18/2019 0:11	28.63	83.0	5.75	3.4	SR4	10/18/2019 6:11	28.51	74.6	5.21	2.1	SR4	10/18/2019 12:11	28.64	83.4	5.80	3.7	SR4	10/18/2019 18:11	28.81	85.7	5.96	2.4
SR4	10/18/2019 0:16	28.62	83.0	5.75	3.1	SR4	10/18/2019 6:16	28.45	73.5	5.14	2.8	SR4						SR4	10/18/2019 18:16	28.81	82.3	5.74	2.9
SR4	10/18/2019 0:21	28.63	81.9	5.68	3.1	SR4	10/18/2019 6:21	28.51	75.4	5.26	2.2	SR4						SR4	10/18/2019 18:21	28.83	81.5	5.68	3.1
SR4	10/18/2019 0:26	28.63	85.7	5.93	5.3	SR4	10/18/2019 6:26	28.51	77.5	5.40	4.4	SR4						SR4	10/18/2019 18:26	28.84	81.2	5.65	3.3
SR4	10/18/2019 0:31	28.63	83.5	5.78	3.4	SR4	10/18/2019 6:31	28.50	78.2	5.46	5.8	SR4						SR4	10/18/2019 18:31	28.85	80.2	5.57	3.2
SR4	10/18/2019 0:36	28.63	84.5	5.86	4.2	SR4	10/18/2019 6:36	28.53	79.9	5.58	4.3	SR4						SR4	10/18/2019 18:36	28.84	81.5	5.68	3.8
SR4	10/18/2019 0:41	28.63	83.6	5.78	3.8	SR4	10/18/2019 6:41	28.53	79.8	5.57	4.3	SR4						SR4	10/18/2019 18:41	28.85	83.6	5.81	4.0
SR4	10/18/2019 0:46	28.63	83.8	5.81	3.4	SR4	10/18/2019 6:46	28.53	78.0	5.44	3.0	SR4						SR4	10/18/2019 18:46	28.82	86.3	6.00	5.6
SR4	10/18/2019 0:51	28.63	83.0	5.77	3.5	SR4	10/18/2019 6:51	28.52	76.9	5.36	3.6	SR4						SR4	10/18/2019 18:51	28.78	86.1	6.00	5.8
SR4	10/18/2019 0:56	28.63	83.6	5.81	4.3	SR4	10/18/2019 6:56	28.50	76.5	5.34	3.3	SR4						SR4	10/18/2019 18:56	28.79	87.1	6.06	5.7
SR4	10/18/2019 1:01	28.63	81.3	5.65	2.8	SR4	10/18/2019 7:01	28.49	85.7	5.98	4.1	SR4						SR4	10/18/2019 19:01	28.80	86.0	5.99	5.0
SR4	10/18/2019 1:06	28.63	81.4	5.66	3.5	SR4	10/18/2019 7:06	28.48	85.4	5.96	3.2	SR4						SR4	10/18/2019 19:06	28.79	85.9	5.98	4.8
SR4	10/18/2019 1:11	28.63	82.2	5.72	3.8	SR4	10/18/2019 7:11	28.48	86.5	6.04	4.0	SR4						SR4	10/18/2019 19:11	28.79	84.1	5.86	4.4
SR4	10/18/2019 1:16	28.62	81.2	5.65	3.2	SR4	10/18/2019 7:16	28.47	85.8	6.00	3.8	SR4						SR4	10/18/2019 19:16	28.78	86.5	6.02	5.7
SR4	10/18/2019 1:21	28.62	79.8	5.56	3.3	SR4	10/18/2019 7:21	28.49	87.6	6.12	5.2	SR4	10/18/2019 13:21	28.62	84.6	5.89	4.6	SR4	10/18/2019 19:21	28.77	85.8	5.98	5.1
SR4	10/18/2019 1:26	28.62	82.1	5.71	2.9	SR4	10/18/2019 7:26	28.47	86.6	6.05	4.6	SR4	10/18/2019 13:26	28.64	85.0	5.92	3.5	SR4	10/18/2019 19:26	28.77	86.4	6.01	5.2
SR4	10/18/2019 1:31	28.63	79.8	5.56	2.9	SR4	10/18/2019 7:31	28.46	87.9	6.13	3.3	SR4	10/18/2019 13:31	28.66	86.3	6.00	4.2	SR4	10/18/2019 19:31	28.77	88.2	6.14	3.8
SR4	10/18/2019 1:36	28.62	81.3	5.65	3.2	SR4	10/18/2019 7:36	28.47	89.0	6.22	3.7	SR4	10/18/2019 13:36	28.66	86.4	6.01	3.6	SR4	10/18/2019 19:36	28.77	87.6	6.11	4.4
SR4	10/18/2019 1:41	28.63	80.0	5.57	3.3	SR4	10/18/2019 7:41	28.44	88.4	6.19	3.5	SR4	10/18/2019 13:41	28.71	86.6	6.02	2.6	SR4	10/18/2019 19:41	28.76	86.9	6.05	4.3
SR4	10/18/2019 1:46	28.63	81.1	5.64	3.2	SR4	10/18/2019 7:46	28.47	88.6	6.18	3.5	SR4	10/18/2019 13:46	28.71	85.2	5.92	3.7	SR4	10/18/2019 19:46	28.76	86.6	6.04	5.9
SR4	10/18/2019 1:51	28.63	79.0	5.48	3.0	SR4	10/18/2019 7:51	28.49	87.9	6.13	3.9	SR4	10/18/2019 13:51	28.70	84.4	5.87	2.9	SR4	10/18/2019 19:51	28.75	85.7	5.96	4.3
SR4	10/18/2019 1:56	28.63	81.1	5.63	4.1	SR4	10/18/2019 7:56	28.48	89.7	6.26	4.1	SR4	10/18/2019 13:56	28.74	83.4	5.80	2.7	SR4	10/18/2019 19:56	28.75	85.8	5.98	3.4
SR4	10/18/2019 2:01	28.63	80.7	5.62	3.6	SR4	10/18/2019 8:01	28.47	91.9	6.42	3.4	SR4	10/18/2019 14:01	28.73	82.7	5.75	2.6	SR4	10/18/2019 20:01	28.74	85.4	5.95	3.1
SR4	10/18/2019 2:06	28.63	79.7	5.53	4.9	SR4	10/18/2019 8:06	28.47	91.4	6.38	4.7	SR4	10/18/2019 14:06	28.73	82.9	5.76	2.7	SR4	10/18/2019 20:06	28.74	84.4	5.88	2.9
SR4	10/18/2019 2:11	28.63	80.5	5.59	3.5	SR4	10/18/2019 8:11	28.46	91.0	6.36	3.8	SR4	10/18/2019 14:11	28.73	83.4	5.80	2.8	SR4	10/18/2019 20:11	28.70	85.1	5.92	4.5
SR4	10/18/2019 2:16	28.63	80.2	5.57	3.6	SR4	10/18/2019 8:16	28.51	88.1	6.16	6.8	SR4	10/18/2019 14:16	28.73	83.4	5.80	3.7	SR4	10/18/2019 20:16	28.72	86.5	6.02	3.6
SR4	10/18/2019 2:21	28.63	80.5	5.59	4.3	SR4	10/18/2019 8:21	28.52	89.6	6.25	6.3	SR4	10/18/2019 14:21	28.71	87.6	6.10	4.2	SR4	10/18/2019 20:21	28.69	85.6	5.96	3.2
SR4	10/18/2019 2:26	28.63	79.0	5.50	3.1	SR4	10/18/2019 8:26	28.46	91.2	6.37	4.2	SR4	10/18/2019 14:26	28.73	86.8	6.05	3.1	SR4	10/18/2019 20:26	28.70	82.0	5.71	2.3
SR4	10/18/2019 2:31	28.63	79.9	5.56	3.6	SR4	10/18/2019 8:31	28.50	89.4	6.24	4.3	SR4	10/18/2019 14:31	28.71	84.9	5.90	3.4	SR4	10/18/2019 20:31	28.69	83.5	5.78	4.0
SR4	10/18/2019 2:36	28.63	79.2	5.51	3.5	SR4	10/18/2019 8:36	28.51	89.7	6.25	4.7	SR4	10/18/2019 14:36	28.72	86.3	5.99	3.2	SR4	10/18/2019 20:36	28.68	83.7	5.80	4.8
SR4	10/18/2019 2:41	28.63	79.1	5.51	3.3	SR4	10/18/2019 8:41	28.50	90.3	6.30	4.2	SR4	10/18/2019 14:41	28.72	85.4	5.94	3.4	SR4	10/18/2019 20:41	28.67	84.1	5.83	3.8
SR4	10/18/2019 2:46	28.63	78.2	5.41	2.8	SR4	10/18/2019 8:46	28.52	90.5	6.31	5.2	SR4	10/18/2019 14:46	28.71	86.4	6.02	2.7	SR4	10/18/2019 20:46	28.66	84.1	5.83	3.9
SR4	10/18/2019 2:51	28.63	79.2	5.50	3.5	SR4	10/18/2019 8:51	28.53	88.6	6.18	5.3	SR4	10/18/2019 14:51	28.74	85.6	5.96	2.9	SR4	10/18/2019 20:51	28.66	83.3	5.77	3.6
SR4	10/18/2019 2:56	28.63	80.2	5.56	3.3	SR4	10/18/2019 8:56	28.54	88.6	6.18	4.9	SR4	10/18/2019 14:56	28.74	87.5	6.10	3.6	SR4	10/18/2019 20:56	28.67	83.0	5.76	3.4
SR4	10/18/2019 3:01	28.63	77.5	5.36	3.6	SR4	10/18/2019 9:01	28.57	92.5	6.46	5.3	SR4	10/18/2019 15:01	28.72	88.8	6.18	3.9	SR4	10/18/2019 21:01	28.67	82.9	5.75	3.4
SR4	10/18/2019 3:06	28.63	77.2	5.34	2.8	SR4	10/18/2019 9:06	28.55	91.9	6.41	4.6	SR4	10/18/2019 15:06	28.73	86.7	6.04	2.8	SR4	10/18/2019 21:06	28.65	83.1	5.78	3.7
SR4	10/18/2019 3:11	28.61	58.3	4.04	1.8	SR4	10/18/2019 9:11	28.54	92.3	6.44	5.7	SR4	10/18/2019 15:11	28.72	86.0	5.99	2.6	SR4	10/18/2019 21:11	28.67	80.6	5.62	4.8
SR4	10/18/2019 3:16	28.63	69.7	4.82	2.6	SR4	10/18/2019 9:16	28.54	91.0	6.34	5.7	SR4	10/18/2019 15:16	28.76	86.0	5.99	2.2	SR4	10/18/2019 21:16	28.63	83.3	5.77	5.4
SR4	10/18/2019 3:21	28.62	74.6	5.17	3.2	SR4	10/18/2019 9:21	28.56	91.3	6.37	4.8	SR4	10/18/2019 15:21	28.74	85.3	5.94	2.7	SR4	10/18/2019 21:21	28.64	82.1	5.70	3.8
SR4	10/18/2019 3:26	28.62	76.0	5.27	4.0	SR4	10/18/2019 9:26	28.55	90.5	6.31	3.4	SR4	10/18/2019 15:26	28.74	84.8	5.90	2.1	SR4	10/18/2019 21:26	28.62	84.1	5.83	4.7
SR4	10/18/2019 3:31	28.62	74.4	5.15	2.8	SR4	10/18/2019 9:31	28.55	89.8	6.26	4.5	SR4	10/18/2019 15:31	28.76	86.3	6.00	3.7	SR4	10/18/2019 21:31	28.61	82.5	5.72	5.8
SR4	10/18/2019 3:36	28.62	73.6	5.10	2.5	SR4	10/18/2019 9:36	28.56	89.9	6.28	4.8	SR4	10/18/2019 15:36	28.78	86.7	6.04	2.3	SR4	10/18/2019 21:36	28.61	83.3	5.77	6.5
SR4	10/18/2019 3:41	28.61	73.8	5.11	2.0	SR4	10/18/2019 9:41	28.56	90.2	6.29	5.8	SR4	10/18/2019 15:41	28.77	87.3	6.07	2.6	SR4	10/18/2019 21:41	28.60	83.0	5.76	4.5
SR4	10/18/2019 3:46	28.62	68.4	4.75	2.2	SR4	10/18/2019 9:46	28.56	89.2	6.22	4.6	SR4	10/18/2019 15:46	28.76	84.3	5.87	1.9	SR4	10/18/2019 21:46	28.60	82.6	5.72	4.5
SR4	10/18/2019 3:51	28.60	72.8	5.06	1.6	SR4	10/18/2019 9:51	28.55	89.4	6.23	4.5	SR4	10/18/2019 15:51	28.77	86.9	6.06	3.0	SR4	10/18/2019 21:51	28.59	83.1	5.77	4.7
SR4	10/18/2019 3:56	28.59	72.5	5.04	2.1	SR4	10/18/2019 9:56	28.55	91.3	6.37	5.0	SR4	10/18/2019 15:56	28.81	84.6	5.90	2.9	SR4	10/18/2019 21:56	28.59	82.2	5.70	6.0
SR4	10/18/2019 4:01	28.62	70.4	4.90	1.9	SR4	10/18/2019 10:01	28.57	91.4	6.37	4.9	SR4	10/18/2019 16:01	28.87	85.9	5.99	2.9	SR4	10/18/2019 22:01	28.57	83.0	5.76	3.3
SR4	10/18/2019 4:06	28.62	71.0	4.94	1.5	SR4	10/18/2019 10:06	28.60	91.1	6.34	4.1	SR4	10/18/2019 16:06	28.90	81.9	5.69	2.1	SR4	10/18/2019 22:06	28.59	82.9	5.75	4.6
SR4	10/18/2019 4:11	28.64	62.7	4.37	1.8	SR4	10/18/2019 10:11	28.61	91.4	6.36	5.0	SR4	10/18/2019 16:11	28.88	82.6	5.75	1.9	SR4	10/18/2019 22:11	28.59	84.4	5.86	8.1
SR4	10/18/2019 4:16	28.62	70.3	4.90	2.8	SR4	10/18/2019 10:16	28.61	92.3	6.42	4.6	SR4	10/18/2019 16:16	28.89	85.0	5.90	2.9	SR4	10/18/2019 22:16	28.59	82.9	5.75	3.6
SR4	10/18/2019 4:21	28.61	73.6	5.12	3.1	SR4	10/18/2019 10:21	28.59	89.7	6.24	6.5	SR4	10/18/2019 16:21	28.87	84.3	5.87	2.8	SR4	10/18/2019 22:21	28.58	84.2	5.84	**21.6**
SR4	10/18/2019 4:26	28.61	73.3	5.10	1.9	SR4	10/18/2019 10:26	28.61	92.0	6.37	6.6	SR4	10/18/2019 16:26	28.87	85.2	5.93	2.7	SR4	10/18/2019 22:26	28.58	83.4	5.81	4.2
SR4	10/18/2019 4:31	28.61	74.5	5.18	3.0	SR4	10/18/2019 10:31	28.61	90.9	6.30	5.4	SR4	10/18/2019 16:31	28.85	86.1	6.00	3.8	SR4	10/18/2019 22:31	28.57	82.5	5.75	3.7
SR4	10/18/2019 4:36	28.61	77.5	5.38	3.7	SR4	10/18/2019 10:36	28.60	92.1	6.38	5.9	SR4	10/18/2019 16:36	28.85	85.1	5.93	3.1	SR4	10/18/2019 22:36	28.58	83.8	5.84	4.0
SR4	10/18/2019 4:41	28.60	78.8	5.46	3.2	SR4	10/18/2019 10:41	28.63	93.0	6.44	5.1	SR4	10/18/2019 16:41	28.85	84.9	5.90	2.7	SR4	10/18/2019 22:41	28.58	81.5	5.66	3.7
SR4	10/18/2019 4:46	28.60	78.4	5.44	3.5	SR4	10/18/2019 10:46	28.62	89.7	6.22	5.8	SR4	10/18/2019 16:46	28.86	85.0	5.92	2.4	SR4	10/18/2019 22:46	28.56	82.9	5.77	3.2
SR4	10/18/2019 4:51	28.59	79.5	5.51	3.6	SR4	10/18/2019 10:51	28.60	89.2	6.18	5.4	SR4	10/18/2019 16:51	28.85	86.3	6.00	2.9	SR4	10/18/2019 22:51	28.57	81.5	5.69	3.2
SR4	10/18/2019 4:56	28.59	78.9	5.47	2.6	SR4	10/18/2019 10:56	28.61	88.3	6.14	6.0	SR4	10/18/2019 16:56	28.85	86.5	6.01	3.6	SR4	10/18/2019 22:56	28.57	82.1	5.71	2.9
SR4	10/18/2019 5:01	28.59	79.7	5.53	3.9	SR4	10/18/2019 11:01	28.61	88.3	6.14	5.3	SR4	10/18/2019 17:01	28.83	87.6	6.10	3.5	SR4	10/18/2019 23:01	28.56	82.1	5.69	2.7
SR4	10/18/2019 5:06	28.58	81.0	5.62	3.6	SR4	10/18/2019 11:06	28.66	92.0	6.38	5.6	SR4	10/18/2019 17:06	28.82	85.0	5.92	2.4	SR4	10/18/2019 23:06	28.57	79.5	5.51	3.0
SR4	10/18/2019 5:11	28.58	79.0	5.47	3.5	SR4	10/18/2019 11:11	28.69	91.8	6.38	4.4	SR4	10/18/2019 17:11	28.81	84.8	5.90	2.7	SR4	10/18/2019 23:11	28.58	82.5	5.71	3.6
SR4	10/18/2019 5:16	28.58	82.0	5.69	5.7	SR4	10/18/2019 11:16	28.65	90.0	6.26	4.0	SR4	10/18/2019 17:16	28.84	86.8	6.05	3.5	SR4	10/18/2019 23:16	28.56	84.1	5.83	**10.8**
SR4	10/18/2019 5:21	28.57	82.3	5.71	**11.7**	SR4	10/18/2019 11:21	28.66	90.7	6.31	5.4	SR4	10/18/2019 17:21	28.85	90.5	6.30	4.0	SR4	10/18/2019 23:21	28.56	82.9	5.75	3.4
SR4	10/18/2019 5:26	28.58	82.1	5.69	4.5	SR4	10/18/2019 11:26	28.66	89.9	6.26	4.3	SR4	10/18/2019 17:26	28.86	88.1	6.12	4.3	SR4	10/18/2019 23:26	28.56	81.4	5.64	3.7
SR4	10/18/2019 5:31	28.57	81.2	5.63	3.9	SR4	10/18/2019 11:31	28.70	91.2	6.34	3.1	SR4	10/18/2019 17:31	28.84	86.4	6.00	2.8	SR4	10/18/2019 23:31	28.57	81.4	5.64	4.1
SR4	10/18/2019 5:36	28.57	83.3	5.77	3.3	SR4	10/18/2019 11:36	28.69	91.8	6.37	3.5	SR4	10/18/2019 17:36	28.86	85.1	5.92	3.2	SR4	10/18/2019 23:36	28.57	80.0	5.56	3.3
SR4	10/18/2019 5:41	28.56	82.1	5.71	2.8	SR4	10/18/2019 11:41	28.66	91.3	6.35	4.4	SR4	10/18/2019 17:41	28.87	82.3	5.72	2.7	SR4	10/18/2019 23:41	28.58	85.8	5.95	3.8
SR4	10/18/2019 5:46	28.55	82.0	5.71	3.6	SR4	10/18/2019 11:46	28.63	87.1	6.06	4.6	SR4	10/18/2019 17:46	28.86	82.1	5.71	2.2	SR4	10/18/2019 23:46	28.57	85.2	5.92	4.0
SR4	10/18/2019 5:51	28.55	81.8	5.69	2.9	SR4	10/18/2019 11:51	28.72	90.3	6.28	3.7	SR4	10/18/2019 17:51	28.87	81.9	5.69	2.9	SR4	10/18/2019 23:51	28.56	84.1	5.83	2.7
SR4	10/18/2019 5:56	28.54	82.9	5.77	3.3	SR4	10/18/2019 11:56	28.69	87.5	6.08	4.8	SR4	10/18/2019 17:56	28.84	80.0	5.57	1.9	SR4	10/18/2019 23:56	28.56	84.9	5.89	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	10/18/2019 0:00	28.65	78.7	5.51	3.4	SR5	10/18/2019 6:00	28.52	84.2	5.49	4.1	SR5	10/18/2019 12:00	28.61	82.6	5.82	3.7	SR5	10/18/2019 18:00	28.87	86.8	5.60	4.3
SR5	10/18/2019 0:05	28.60	79.5	5.59	3.9	SR5	10/18/2019 6:05	28.53	83.9	5.46	4.2	SR5	10/18/2019 12:05	28.61	82.9	5.83	4.4	SR5	10/18/2019 18:05	28.87	87.1	5.63	4.2
SR5	10/18/2019 0:10	28.66	80.7	5.66	4.0	SR5	10/18/2019 6:10	28.53	83.6	5.46	4.2	SR5	10/18/2019 12:10	28.63	83.4	5.87	4.4	SR5	10/18/2019 18:10	28.87	86.2	5.57	4.7
SR5	10/18/2019 0:15	28.64	81.8	5.75	3.8	SR5	10/18/2019 6:15	28.54	84.0	5.49	4.1	SR5	10/18/2019 12:15	28.62	81.8	5.75	3.8	SR5	10/18/2019 18:15	28.87	86.3	5.58	4.3
SR5	10/18/2019 0:20	28.65	81.4	5.72	3.7	SR5	10/18/2019 6:20	28.53	81.9	5.34	3.4	SR5	10/18/2019 12:20	28.62	84.8	5.98	3.8	SR5	10/18/2019 18:20	28.86	86.4	5.58	4.1
SR5	10/18/2019 0:25	28.65	82.1	5.76	3.6	SR5	10/18/2019 6:25	28.53	83.2	5.42	3.5	SR5	10/18/2019 12:25	28.61	85.5	6.03	3.9	SR5	10/18/2019 18:25	28.86	86.1	5.56	2.8
SR5	10/18/2019 0:30	28.65	81.8	5.76	3.9	SR5	10/18/2019 6:30	28.53	83.2	5.42	3.4	SR5	10/18/2019 12:30	28.61	84.0	5.92	3.7	SR5	10/18/2019 18:30	28.85	86.0	5.56	4.2
SR5	10/18/2019 0:35	28.65	81.0	5.69	3.4	SR5	10/18/2019 6:35	28.53	83.6	5.46	3.9	SR5	10/18/2019 12:35	28.59	85.5	6.03	3.8	SR5	10/18/2019 18:35	28.86	85.7	5.54	4.9
SR5	10/18/2019 0:40	28.65	79.0	5.54	3.0	SR5	10/18/2019 6:40	28.54	83.6	5.45	3.9	SR5	10/18/2019 12:40	28.59	83.3	5.87	3.6	SR5	10/18/2019 18:40	28.87	85.7	5.53	4.6
SR5	10/18/2019 0:45	28.64	82.0	5.76	3.5	SR5	10/18/2019 6:45	28.53	82.3	5.36	3.9	SR5	10/18/2019 12:45	28.59	82.9	5.83	3.8	SR5	10/18/2019 18:45	28.87	86.1	5.56	4.5
SR5	10/18/2019 0:50	28.64	80.1	5.62	4.3	SR5	10/18/2019 6:50	28.51	82.5	5.38	3.4	SR5	10/18/2019 12:50	28.58	84.1	5.93	3.7	SR5	10/18/2019 18:50	28.87	85.9	5.55	4.7
SR5	10/18/2019 0:55	28.64	82.3	5.79	4.5	SR5	10/18/2019 6:55	28.52	83.7	5.45	4.6	SR5	10/18/2019 12:55	28.58	84.6	5.96	3.5	SR5	10/18/2019 18:55	28.86	85.1	5.51	4.2
SR5	10/18/2019 1:00	28.64	79.7	5.59	3.5	SR5	10/18/2019 7:00	28.53	83.4	5.43	5.5	SR5	10/18/2019 13:00	28.58	82.8	5.83	3.7	SR5	10/18/2019 19:00	28.87	85.9	5.55	4.1
SR5	10/18/2019 1:05	28.63	81.0	5.69	3.2	SR5	10/18/2019 7:05	28.52	83.3	5.43	4.2	SR5	10/18/2019 13:05	28.58	83.8	5.90	3.4	SR5	10/18/2019 19:05	28.87	84.9	5.49	5.2
SR5	10/18/2019 1:10	28.63	82.8	5.82	4.0	SR5	10/18/2019 7:10	28.52	83.6	5.45	3.9	SR5	10/18/2019 13:10	28.58	82.8	5.83	3.4	SR5	10/18/2019 19:10	28.86	85.0	5.49	4.4
SR5	10/18/2019 1:15	28.63	80.3	5.64	3.4	SR5	10/18/2019 7:15	28.52	83.8	5.46	4.5	SR5	10/18/2019 13:15	28.60	81.2	5.71	3.4	SR5	10/18/2019 19:15	28.86	84.3	5.45	4.0
SR5	10/18/2019 1:20	28.64	81.2	5.70	3.8	SR5	10/18/2019 7:20	28.53	83.9	5.47	5.2	SR5	10/18/2019 13:20	28.59	83.7	5.90	3.2	SR5	10/18/2019 19:20	28.85	85.1	5.50	3.7
SR5	10/18/2019 1:25	28.63	80.8	5.66	3.6	SR5	10/18/2019 7:25	28.53	83.8	5.45	4.0	SR5	10/18/2019 13:25	28.59	84.5	5.95	3.3	SR5	10/18/2019 19:25	28.86	85.1	5.50	4.2
SR5	10/18/2019 1:30	28.64	79.3	5.55	3.5	SR5	10/18/2019 7:30	28.53	83.6	5.45	3.7	SR5	10/18/2019 13:30	28.59	81.5	5.72	3.4	SR5	10/18/2019 19:30	28.83	84.7	5.47	4.5
SR5	10/18/2019 1:35	28.65	82.7	5.81	4.0	SR5	10/18/2019 7:35	28.52	82.9	5.40	3.2	SR5	10/18/2019 13:35	28.60	81.6	5.73	3.1	SR5	10/18/2019 19:35	28.82	85.1	5.50	4.4
SR5	10/18/2019 1:40	28.65	84.6	5.96	3.2	SR5	10/18/2019 7:40	28.53	82.8	5.40	3.1	SR5	10/18/2019 13:40	28.60	82.5	5.80	3.1	SR5	10/18/2019 19:40	28.79	83.8	5.41	4.8
SR5	10/18/2019 1:45	28.65	83.5	5.88	3.2	SR5	10/18/2019 7:45	28.53	82.8	5.40	4.9	SR5	10/18/2019 13:45	28.59	81.1	5.70	3.1	SR5	10/18/2019 19:45	28.73	82.5	5.33	3.9
SR5	10/18/2019 1:50	28.66	84.2	5.93	3.2	SR5	10/18/2019 7:50	28.53	82.7	5.39	3.6	SR5	10/18/2019 13:50	28.58	80.6	5.66	2.9	SR5	10/18/2019 19:50	28.74	82.3	5.32	4.2
SR5	10/18/2019 1:55	28.66	83.2	5.85	3.5	SR5	10/18/2019 7:55	28.53	82.9	5.40	4.6	SR5	10/18/2019 13:55	28.58	81.5	5.73	2.7	SR5	10/18/2019 19:55	28.78	82.7	5.34	3.4
SR5	10/18/2019 2:00	28.65	83.1	5.85	3.0	SR5	10/18/2019 8:00	28.53	83.9	5.48	5.5	SR5	10/18/2019 14:00	28.57	83.0	5.84	3.1	SR5	10/18/2019 20:00	28.77	82.3	5.32	3.7
SR5	10/18/2019 2:05	28.64	81.5	5.29	3.5	SR5	10/18/2019 8:05	28.52	83.4	5.43	3.5	SR5	10/18/2019 14:05	28.58	80.2	5.63	3.5	SR5	10/18/2019 20:05	28.78	81.4	5.27	3.5
SR5	10/18/2019 2:10	28.65	81.4	5.27	3.1	SR5	10/18/2019 8:10	28.51	82.7	5.39	4.2	SR5	10/18/2019 14:10	28.58	83.1	5.85	3.3	SR5	10/18/2019 20:10	28.76	82.7	5.35	3.6
SR5	10/18/2019 2:15	28.64	81.6	5.29	3.8	SR5	10/18/2019 8:15	28.51	82.9	5.42	4.2	SR5	10/18/2019 14:15	28.59	83.3	5.87	3.1	SR5	10/18/2019 20:15	28.74	83.1	5.37	3.4
SR5	10/18/2019 2:20	28.61	81.6	5.30	3.6	SR5	10/18/2019 8:20	28.52	83.6	5.47	4.9	SR5	10/18/2019 14:20	28.72	84.4	5.93	3.7	SR5	10/18/2019 20:20	28.73	82.9	5.36	5.1
SR5	10/18/2019 2:25	28.59	82.2	5.34	3.6	SR5	10/18/2019 8:25	28.53	82.8	5.39	4.2	SR5	10/18/2019 14:25	28.70	81.8	5.27	3.5	SR5	10/18/2019 20:25	28.73	82.7	5.35	3.2
SR5	10/18/2019 2:30	28.60	82.3	5.34	3.2	SR5	10/18/2019 8:30	28.51	83.2	5.41	4.9	SR5	10/18/2019 14:30	28.72	81.3	5.24	3.4	SR5	10/18/2019 20:30	28.72	81.9	5.29	3.6
SR5	10/18/2019 2:35	28.60	82.3	5.34	3.7	SR5	10/18/2019 8:35	28.52	82.9	5.40	3.3	SR5	10/18/2019 14:35	28.72	81.8	5.27	2.8	SR5	10/18/2019 20:35	28.71	82.0	5.30	3.8
SR5	10/18/2019 2:40	28.62	82.0	5.32	3.4	SR5	10/18/2019 8:40	28.53	82.7	5.39	3.9	SR5	10/18/2019 14:40	28.72	82.1	5.29	2.9	SR5	10/18/2019 20:40	28.70	82.3	5.32	4.2
SR5	10/18/2019 2:45	28.61	81.7	5.30	3.3	SR5	10/18/2019 8:45	28.52	83.0	5.42	4.1	SR5	10/18/2019 14:45	28.72	82.4	5.31	2.8	SR5	10/18/2019 20:45	28.71	82.2	5.32	3.9
SR5	10/18/2019 2:50	28.51	83.2	5.40	3.8	SR5	10/18/2019 8:50	28.53	83.2	5.41	3.8	SR5	10/18/2019 14:50	28.72	82.5	5.32	3.6	SR5	10/18/2019 20:50	28.70	82.0	5.31	3.4
SR5	10/18/2019 2:55	28.48	83.3	5.43	3.6	SR5	10/18/2019 8:55	28.53	82.4	5.36	3.1	SR5	10/18/2019 14:55	28.75	82.2	5.30	3.1	SR5	10/18/2019 20:55	28.70	81.2	5.25	3.4
SR5	10/18/2019 3:00	28.51	83.2	5.42	3.1	SR5	10/18/2019 9:00	28.54	82.4	5.36	4.3	SR5	10/18/2019 15:00	28.75	82.4	5.31	4.2	SR5	10/18/2019 21:00	28.71	81.8	5.29	3.2
SR5	10/18/2019 3:05	28.45	84.3	5.51	3.6	SR5	10/18/2019 9:05	28.55	82.2	5.34	4.5	SR5	10/18/2019 15:05	28.75	82.2	5.30	3.5	SR5	10/18/2019 21:05	28.70	81.1	5.24	3.2
SR5	10/18/2019 3:10	28.52	83.7	5.45	3.1	SR5	10/18/2019 9:10	28.54	82.6	5.37	3.0	SR5	10/18/2019 15:10	28.74	82.7	5.33	4.1	SR5	10/18/2019 21:10	28.71	84.4	5.94	3.0
SR5	10/18/2019 3:15	28.49	83.7	5.45	3.1	SR5	10/18/2019 9:15	28.56	82.1	5.35	3.0	SR5	10/18/2019 15:15	28.74	81.9	5.28	3.7	SR5	10/18/2019 21:15	28.70	81.5	5.72	2.9
SR5	10/18/2019 3:20	28.50	83.8	5.46	3.0	SR5	10/18/2019 9:20	28.54	82.3	5.37	5.0	SR5	10/18/2019 15:20	28.73	82.4	5.31	2.9	SR5	10/18/2019 21:20	28.70	84.4	5.95	3.0
SR5	10/18/2019 3:25	28.53	83.2	5.42	3.0	SR5	10/18/2019 9:25	28.53	82.1	5.34	4.0	SR5	10/18/2019 15:25	28.73	82.7	5.34	3.5	SR5	10/18/2019 21:25	28.69	83.1	5.84	3.2
SR5	10/18/2019 3:30	28.53	82.7	5.38	3.3	SR5	10/18/2019 9:30	28.54	83.1	5.40	2.8	SR5	10/18/2019 15:30	28.74	83.2	5.37	3.4	SR5	10/18/2019 21:30	28.70	84.5	5.95	4.7
SR5	10/18/2019 3:35	28.57	82.5	5.37	3.2	SR5	10/18/2019 9:35	28.56	82.3	5.35	5.3	SR5	10/18/2019 15:35	28.73	82.7	5.34	3.3	SR5	10/18/2019 21:35	28.70	80.6	5.66	3.1
SR5	10/18/2019 3:40	28.58	82.6	5.37	3.4	SR5	10/18/2019 9:40	28.56	81.7	5.31	4.6	SR5	10/18/2019 15:40	28.72	82.6	5.33	3.4	SR5	10/18/2019 21:40	28.63	84.3	5.94	3.5
SR5	10/18/2019 3:45	28.61	82.8	5.39	3.1	SR5	10/18/2019 9:45	28.55	82.5	5.36	4.7	SR5	10/18/2019 15:45	28.71	82.6	5.34	3.8	SR5	10/18/2019 21:45	28.65	82.5	5.80	3.2
SR5	10/18/2019 3:50	28.62	83.2	5.41	3.9	SR5	10/18/2019 9:50	28.57	82.4	5.35	4.9	SR5	10/18/2019 15:50	28.71	82.7	5.35	3.7	SR5	10/18/2019 21:50	28.61	84.1	5.92	3.1
SR5	10/18/2019 3:55	28.58	84.1	5.45	3.1	SR5	10/18/2019 9:55	28.57	81.3	5.28	2.8	SR5	10/18/2019 15:55	28.70	82.5	5.33	3.5	SR5	10/18/2019 21:55	28.62	81.7	5.75	3.2
SR5	10/18/2019 4:00	28.59	83.3	5.41	3.3	SR5	10/18/2019 10:00	28.56	82.4	5.38	3.1	SR5	10/18/2019 16:00	28.71	82.4	5.33	3.7	SR5	10/18/2019 22:00	28.62	82.4	5.79	3.6
SR5	10/18/2019 4:05	28.53	84.0	5.46	3.0	SR5	10/18/2019 10:05	28.56	81.9	5.34	4.5	SR5	10/18/2019 16:05	28.71	82.8	5.35	3.4	SR5	10/18/2019 22:05	28.62	83.9	5.91	3.2
SR5	10/18/2019 4:10	28.51	83.8	5.47	3.4	SR5	10/18/2019 10:10	28.58	81.4	5.29	4.8	SR5	10/18/2019 16:10	28.70	82.9	5.36	3.5	SR5	10/18/2019 22:10	28.62	81.1	5.69	3.7
SR5	10/18/2019 4:15	28.51	84.3	5.48	3.3	SR5	10/18/2019 10:15	28.58	82.1	5.33	5.8	SR5	10/18/2019 16:15	28.72	83.8	5.42	3.3	SR5	10/18/2019 22:15	28.62	82.8	5.84	3.4
SR5	10/18/2019 4:20	28.52	84.3	5.48	3.1	SR5	10/18/2019 10:20	28.58	81.1	5.28	3.3	SR5	10/18/2019 16:20	28.71	82.8	5.35	3.6	SR5	10/18/2019 22:20	28.62	81.7	5.74	3.7
SR5	10/18/2019 4:25	28.47	85.0	5.54	3.3	SR5	10/18/2019 10:25	28.59	81.4	5.28	5.9	SR5	10/18/2019 16:25	28.75	83.9	5.42	3.9	SR5	10/18/2019 22:25	28.62	81.0	5.69	3.6
SR5	10/18/2019 4:30	28.48	84.7	5.52	2.9	SR5	10/18/2019 10:30	28.60	81.2	5.26	5.0	SR5	10/18/2019 16:30	28.76	84.0	5.42	3.3	SR5	10/18/2019 22:30	28.62	81.8	5.75	3.4
SR5	10/18/2019 4:35	28.48	84.4	5.50	3.5	SR5	10/18/2019 10:35	28.61	81.7	5.29	4.9	SR5	10/18/2019 16:35	28.75	84.2	5.44	3.9	SR5	10/18/2019 22:35	28.63	80.1	5.62	3.4
SR5	10/18/2019 4:40	28.49	84.3	5.49	3.2	SR5	10/18/2019 10:40	28.61	81.1	5.25	3.3	SR5	10/18/2019 16:40	28.77	84.3	5.45	4.0	SR5	10/18/2019 22:40	28.63	80.2	5.63	3.5
SR5	10/18/2019 4:45	28.47	85.1	5.55	4.6	SR5	10/18/2019 10:45	28.61	81.1	5.25	5.5	SR5	10/18/2019 16:45	28.77	84.3	5.45	3.7	SR5	10/18/2019 22:45	28.63	82.7	5.82	3.6
SR5	10/18/2019 4:50	28.47	84.6	5.52	3.2	SR5	10/18/2019 10:50	28.62	81.1	5.25	3.6	SR5	10/18/2019 16:50	28.89	87.5	5.65	3.6	SR5	10/18/2019 22:50	28.63	83.3	5.86	3.9
SR5	10/18/2019 4:55	28.45	84.3	5.50	3.1	SR5	10/18/2019 10:55	28.62	81.1	5.25	5.2	SR5	10/18/2019 16:55	28.89	86.5	5.58	3.7	SR5	10/18/2019 22:55	28.63	83.9	5.91	4.1
SR5	10/18/2019 5:00	28.46	84.8	5.53	3.8	SR5	10/18/2019 11:00	28.63	81.0	5.25	4.2	SR5	10/18/2019 17:00	28.90	86.8	5.60	3.6	SR5	10/18/2019 23:00	28.62	80.5	5.65	4.2
SR5	10/18/2019 5:05	28.46	84.4	5.51	4.6	SR5	10/18/2019 11:05	28.63	86.2	6.08	3.7	SR5	10/18/2019 17:05	28.87	85.5	5.52	3.8	SR5	10/18/2019 23:05	28.61	79.7	5.59	3.3
SR5	10/18/2019 5:10	28.49	84.8	5.53	3.1	SR5	10/18/2019 11:10	28.63	83.7	5.89	4.2	SR5	10/18/2019 17:10	28.95	87.8	5.66	4.8	SR5	10/18/2019 23:10	28.59	80.9	5.68	3.7
SR5	10/18/2019 5:15	28.48	84.3	5.50	3.6	SR5	10/18/2019 11:15	28.63	83.5	5.88	4.8	SR5	10/18/2019 17:15	28.95	88.6	5.72	3.5	SR5	10/18/2019 23:15	28.60	79.2	5.56	3.8
SR5	10/18/2019 5:20	28.46	84.6	5.52	3.4	SR5	10/18/2019 11:20	28.64	84.7	5.97	5.2	SR5	10/18/2019 17:20	28.92	88.5	5.72	3.5	SR5	10/18/2019 23:20	28.61	80.6	5.66	3.9
SR5	10/18/2019 5:25	28.47	84.7	5.52	3.4	SR5	10/18/2019 11:25	28.63	83.9	5.91	3.8	SR5	10/18/2019 17:25	28.90	87.1	5.62	3.8	SR5	10/18/2019 23:25	28.60	80.7	5.67	3.5
SR5	10/18/2019 5:30	28.49	84.0	5.47	3.4	SR5	10/18/2019 11:30	28.63	85.9	6.05	3.3	SR5	10/18/2019 17:30	28.89	87.2	5.63	4.3	SR5	10/18/2019 23:30	28.60	81.3	5.72	3.4
SR5	10/18/2019 5:35	28.48	83.6	5.45	3.4	SR5	10/18/2019 11:35	28.63	85.7	6.04	3.4	SR5	10/18/2019 17:35	28.90	86.9	5.61	4.5	SR5	10/18/2019 23:35	28.59	80.4	5.65	3.6
SR5	10/18/2019 5:40	28.49	84.0	5.47	3.9	SR5	10/18/2019 11:40	28.63	82.5	5.80	3.0	SR5	10/18/2019 17:40	28.89	86.4	5.58	4.0	SR5	10/18/2019 23:40	28.59	83.0	5.84	3.1
SR5	10/18/2019 5:45	28.51	84.1	5.48	3.4	SR5	10/18/2019 11:45	28.63	82.8	5.82	5.8	SR5	10/18/2019 17:45	28.86	86.3	5.58	4.1	SR5	10/18/2019 23:45	28.58	80.5	5.66	3.3
SR5	10/18/2019 5:50	28.51	83.3	5.43	3.6	SR5	10/18/2019 11:50	28.63	82.1	5.77	3.8	SR5	10/18/2019 17:50	28.88	86.8	5.61	4.4	SR5	10/18/2019 23:50	28.58	80.8	5.67	3.9
SR5	10/18/2019 5:55	28.49	84.0	5.48	3.4	SR5	10/18/2019 11:55	28.62	84.9	5.98	4.2	SR5	10/18/2019 17:55	28.86	86.8	5.61	4.1	SR5	10/18/2019 23:55	28.58	82.7	5.82	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)
SR12	10/18/2019 0:01	28.36	89.5	6.07	5.0	SR12	10/18/2019 6:01	28.31	82.1	5.57	4.3	SR12	10/18/2019 12:01	28.19	89.9	6.15	5.2	SR12	10/18/2019 18:01	28.33	87.2	5.94	4.7
SR12	10/18/2019 0:06	28.34	89.6	6.09	5.0	SR12	10/18/2019 6:06	28.32	81.6	5.53	4.4	SR12	10/18/2019 12:06	28.20	90.0	6.14	6.7	SR12	10/18/2019 18:06	28.33	88.2	6.00	4.7
SR12	10/18/2019 0:11	28.34	89.8	6.09	6.5	SR12	10/18/2019 6:11	28.32	81.7	5.55	4.1	SR12	10/18/2019 12:11	28.19	90.1	6.15	5.6	SR12	10/18/2019 18:11	28.35	87.4	5.96	4.6
SR12	10/18/2019 0:16	28.34	88.7	6.01	4.2	SR12	10/18/2019 6:16	28.32	80.9	5.46	3.7	SR12	10/18/2019 12:16	28.20	90.1	6.15	6.0	SR12	10/18/2019 18:16	28.34	88.0	6.00	4.4
SR12	10/18/2019 0:21	28.34	88.1	5.96	4.6	SR12	10/18/2019 6:21	28.33	81.6	5.53	4.4	SR12	10/18/2019 12:21	28.19	88.5	6.04	6.3	SR12	10/18/2019 18:21	28.38	87.6	5.97	4.2
SR12	10/18/2019 0:26	28.34	86.9	5.89	4.5	SR12	10/18/2019 6:26	28.33	82.2	5.56	4.5	SR12	10/18/2019 12:26	28.19	88.7	6.05	5.6	SR12	10/18/2019 18:26	28.40	89.4	6.10	4.7
SR12	10/18/2019 0:31	28.34	87.3	5.91	6.4	SR12	10/18/2019 6:31	28.33	80.2	5.42	4.3	SR12	10/18/2019 12:31	28.20	91.3	6.24	6.0	SR12	10/18/2019 18:31	28.40	90.3	6.16	4.9
SR12	10/18/2019 0:36	28.33	87.1	5.90	5.3	SR12	10/18/2019 6:36	28.33	80.0	5.40	3.9	SR12	10/18/2019 12:36	28.19	91.4	6.24	5.1	SR12	10/18/2019 18:36	28.41	88.8	6.06	3.8
SR12	10/18/2019 0:41	28.33	86.5	5.85	5.5	SR12	10/18/2019 6:41	28.31	66.8	4.49	4.1	SR12	10/18/2019 12:41	27.74	92.1	6.30	6.0	SR12	10/18/2019 18:41	28.40	88.4	6.03	3.4
SR12	10/18/2019 0:46	28.33	85.6	5.80	4.9	SR12	10/18/2019 6:46	28.32	74.8	5.05	4.0	SR12	10/18/2019 12:46	28.17	91.7	6.27	5.7	SR12	10/18/2019 18:46	28.42	88.6	6.04	4.3
SR12	10/18/2019 0:51	28.34	84.2	5.69	4.7	SR12	10/18/2019 6:51	28.31	78.2	5.28	4.6	SR12	10/18/2019 12:51	28.19	92.6	6.34	5.8	SR12	10/18/2019 18:51	28.40	88.2	6.01	3.7
SR12	10/18/2019 0:56	28.34	82.3	5.56	4.0	SR12	10/18/2019 6:56	28.30	79.1	5.35	5.4	SR12	10/18/2019 12:56	28.19	91.1	6.23	4.6	SR12	10/18/2019 18:56	28.39	87.7	5.98	3.5
SR12	10/18/2019 1:01	28.33	84.6	5.73	4.9	SR12	10/18/2019 7:01	28.30	78.2	5.28	3.6	SR12	10/18/2019 13:01	28.19	90.8	6.21	5.5	SR12	10/18/2019 19:01	28.38	88.9	6.05	4.6
SR12	10/18/2019 1:06	28.33	84.1	5.69	4.8	SR12	10/18/2019 7:06	28.29	77.7	5.25	4.1	SR12	10/18/2019 13:06	28.20	90.7	6.21	6.0	SR12	10/18/2019 19:06	28.37	89.1	6.08	4.3
SR12	10/18/2019 1:11	28.33	84.2	5.71	5.1	SR12	10/18/2019 7:11	28.28	77.9	5.27	3.5	SR12	10/18/2019 13:11	28.21	91.3	6.25	5.9	SR12	10/18/2019 19:11	28.36	89.4	6.09	3.5
SR12	10/18/2019 1:16	28.33	86.1	5.83	5.0	SR12	10/18/2019 7:16	28.28	74.2	5.02	3.5	SR12	10/18/2019 13:16	28.21	91.4	6.26	5.3	SR12	10/18/2019 19:16	28.35	87.5	5.97	3.3
SR12	10/18/2019 1:21	28.33	85.7	5.80	5.7	SR12	10/18/2019 7:21	28.26	77.3	5.23	3.4	SR12	10/18/2019 13:21	28.20	91.4	6.25	5.0	SR12	10/18/2019 19:21	28.36	88.9	6.07	4.0
SR12	10/18/2019 1:26	28.36	85.0	5.76	5.0	SR12	10/18/2019 7:26	28.24	77.4	5.24	3.5	SR12	10/18/2019 13:26	28.20	92.7	6.35	6.0	SR12	10/18/2019 19:26	28.39	87.4	5.98	4.7
SR12	10/18/2019 1:31	28.37	84.0	5.68	4.9	SR12	10/18/2019 7:31	28.25	76.0	5.15	3.0	SR12	10/18/2019 13:31	28.21	92.6	6.34	5.9	SR12	10/18/2019 19:31	28.43	88.4	6.04	4.1
SR12	10/18/2019 1:36	28.37	84.6	5.73	5.0	SR12	10/18/2019 7:36	28.25	76.5	5.19	3.5	SR12	10/18/2019 13:36	28.23	92.1	6.30	5.1	SR12	10/18/2019 19:36	28.45	85.7	5.84	3.8
SR12	10/18/2019 1:41	28.38	83.6	5.66	4.0	SR12	10/18/2019 7:41	28.26	70.7	4.79	3.3	SR12	10/18/2019 13:41	28.24	92.7	6.34	5.8	SR12	10/18/2019 19:41	28.44	86.1	5.87	3.8
SR12	10/18/2019 1:46	28.38	85.9	5.81	5.4	SR12	10/18/2019 7:46	28.24	75.9	5.15	4.2	SR12	10/18/2019 13:46	28.24	93.4	6.39	5.6	SR12	10/18/2019 19:46	28.45	88.1	6.01	4.2
SR12	10/18/2019 1:51	28.38	84.6	5.73	4.6	SR12	10/18/2019 7:51	28.24	78.2	5.31	4.6	SR12	10/18/2019 13:51	28.23	91.3	6.25	6.4	SR12	10/18/2019 19:51	28.44	87.8	6.00	4.1
SR12	10/18/2019 1:56	28.38	84.9	5.74	5.4	SR12	10/18/2019 7:56	28.23	78.1	5.30	3.9	SR12	10/18/2019 13:56	28.25	93.0	6.33	6.5	SR12	10/18/2019 19:56	28.44	88.4	6.04	4.1
SR12	10/18/2019 2:01	28.36	85.8	5.81	3.9	SR12	10/18/2019 8:01	28.24	78.9	5.35	4.4	SR12	10/18/2019 14:01	28.25	92.1	6.28	5.5	SR12	10/18/2019 20:01	28.42	89.2	6.08	4.5
SR12	10/18/2019 2:06	28.35	87.6	5.93	7.4	SR12	10/18/2019 8:06	28.24	80.7	5.47	4.3	SR12	10/18/2019 14:06	28.24	92.9	6.34	6.6	SR12	10/18/2019 20:06	28.43	88.7	6.07	4.0
SR12	10/18/2019 2:11	28.35	86.0	5.82	5.3	SR12	10/18/2019 8:11	28.23	81.7	5.53	4.5	SR12	10/18/2019 14:11	28.27	93.0	6.33	7.7	SR12	10/18/2019 20:11	28.43	88.5	6.05	4.4
SR12	10/18/2019 2:16	28.35	86.0	5.83	5.6	SR12	10/18/2019 8:16	28.23	80.9	5.48	4.7	SR12	10/18/2019 14:16	28.26	90.5	6.16	6.1	SR12	10/18/2019 20:16	28.44	88.6	6.05	3.5
SR12	10/18/2019 2:21	28.33	86.8	5.89	4.9	SR12	10/18/2019 8:21	28.22	81.5	5.52	4.3	SR12	10/18/2019 14:21	28.25	90.1	6.14	5.7	SR12	10/18/2019 20:21	28.43	89.2	6.08	4.6
SR12	10/18/2019 2:26	28.32	87.0	5.90	4.4	SR12	10/18/2019 8:26	28.22	81.3	5.51	4.4	SR12	10/18/2019 14:26	28.26	89.2	6.08	5.8	SR12	10/18/2019 20:26	28.44	89.1	6.09	4.8
SR12	10/18/2019 2:31	28.32	86.4	5.86	4.4	SR12	10/18/2019 8:31	28.23	81.9	5.55	5.1	SR12	10/18/2019 14:31	28.26	90.1	6.16	5.8	SR12	10/18/2019 20:31	28.43	90.0	6.16	4.1
SR12	10/18/2019 2:36	28.31	86.5	5.87	4.7	SR12	10/18/2019 8:36	28.22	82.7	5.61	5.2	SR12	10/18/2019 14:36	28.30	92.2	6.28	6.1	SR12	10/18/2019 20:36	28.43	88.3	6.03	3.9
SR12	10/18/2019 2:41	28.32	86.0	5.83	4.3	SR12	10/18/2019 8:41	28.24	81.4	5.51	4.5	SR12	10/18/2019 14:41	28.32	91.8	6.27	5.3	SR12	10/18/2019 20:41	28.42	88.1	6.01	3.8
SR12	10/18/2019 2:46	28.29	82.0	5.56	4.2	SR12	10/18/2019 8:46	28.24	83.4	5.65	6.2	SR12	10/18/2019 14:46	28.29	90.2	6.16	4.5	SR12	10/18/2019 20:46	28.45	89.4	6.12	4.6
SR12	10/18/2019 2:51	28.29	82.1	5.58	3.7	SR12	10/18/2019 8:51	28.23	83.4	5.65	**10.4**	SR12	10/18/2019 14:51	28.29	90.5	6.18	5.6	SR12	10/18/2019 20:51	28.46	91.9	6.29	5.4
SR12	10/18/2019 2:56	28.30	83.3	5.65	4.0	SR12	10/18/2019 8:56	28.24	83.3	5.64	5.5	SR12	10/18/2019 14:56	28.29	89.2	6.07	4.8	SR12	10/18/2019 20:56	28.46	90.0	6.12	5.3
SR12	10/18/2019 3:01	28.30	86.7	5.90	4.2	SR12	10/18/2019 9:01	28.24	82.7	5.60	4.7	SR12	10/18/2019 15:01	28.32	89.8	6.11	4.7	SR12	10/18/2019 21:01	28.45	89.0	6.07	3.4
SR12	10/18/2019 3:06	28.28	85.2	5.79	3.4	SR12	10/18/2019 9:06	28.24	84.2	5.70	4.2	SR12	10/18/2019 15:06	28.32	90.3	6.14	4.7	SR12	10/18/2019 21:06	28.46	88.0	6.00	4.0
SR12	10/18/2019 3:11	28.27	85.8	5.82	4.4	SR12	10/18/2019 9:11	28.23	83.5	5.67	4.0	SR12	10/18/2019 15:11	28.29	90.3	6.14	5.6	SR12	10/18/2019 21:11	28.47	86.1	5.86	4.5
SR12	10/18/2019 3:16	28.27	85.9	5.82	4.3	SR12	10/18/2019 9:16	28.23	83.5	5.67	4.5	SR12	10/18/2019 15:16	28.27	87.9	5.99	5.8	SR12	10/18/2019 21:16	28.47	85.8	5.84	3.1
SR12	10/18/2019 3:21	28.26	85.1	5.77	4.0	SR12	10/18/2019 9:21	28.23	83.2	5.65	4.3	SR12	10/18/2019 15:21	28.33	90.6	6.18	4.9	SR12	10/18/2019 21:21	28.48	85.8	5.86	4.1
SR12	10/18/2019 3:26	28.26	85.2	5.78	3.5	SR12	10/18/2019 9:26	28.22	83.9	5.70	4.2	SR12	10/18/2019 15:26	28.31	89.2	6.09	5.5	SR12	10/18/2019 21:26	28.46	84.6	5.76	3.4
SR12	10/18/2019 3:31	28.26	83.5	5.66	4.2	SR12	10/18/2019 9:31	28.18	78.3	5.32	3.8	SR12	10/18/2019 15:31	28.30	87.8	5.99	4.6	SR12	10/18/2019 21:31	28.45	88.9	6.06	4.4
SR12	10/18/2019 3:36	28.26	85.7	5.82	4.2	SR12	10/18/2019 9:36	28.19	77.7	5.28	3.9	SR12	10/18/2019 15:36	28.28	86.4	5.89	5.6	SR12	10/18/2019 21:36	28.44	87.8	6.00	3.6
SR12	10/18/2019 3:41	28.25	85.2	5.78	4.4	SR12	10/18/2019 9:41	28.20	78.0	5.31	3.8	SR12	10/18/2019 15:41	28.28	85.3	5.81	5.1	SR12	10/18/2019 21:41	28.44	88.7	6.03	3.7
SR12	10/18/2019 3:46	28.25	85.0	5.77	4.0	SR12	10/18/2019 9:46	28.16	77.4	5.27	4.1	SR12	10/18/2019 15:46	28.26	83.9	5.71	4.3	SR12	10/18/2019 21:46	28.44	86.3	5.89	4.0
SR12	10/18/2019 3:51	28.26	83.9	5.69	3.9	SR12	10/18/2019 9:51	28.20	78.8	5.36	3.4	SR12	10/18/2019 15:51	28.27	86.2	5.85	5.0	SR12	10/18/2019 21:51	28.45	85.6	5.85	4.8
SR12	10/18/2019 3:56	28.26	86.8	5.88	5.7	SR12	10/18/2019 9:56	28.20	80.4	5.46	5.2	SR12	10/18/2019 15:56	28.25	85.0	5.76	4.8	SR12	10/18/2019 21:56	28.45	85.6	5.84	4.8
SR12	10/18/2019 4:01	28.27	85.2	5.77	3.8	SR12	10/18/2019 10:01	28.19	81.2	5.54	5.7	SR12	10/18/2019 16:01	28.26	86.6	5.89	5.2	SR12	10/18/2019 22:01	28.45	84.7	5.76	4.2
SR12	10/18/2019 4:06	28.27	86.0	5.84	4.8	SR12	10/18/2019 10:06	28.21	82.4	5.62	5.0	SR12	10/18/2019 16:06	28.26	86.8	5.91	5.0	SR12	10/18/2019 22:06	28.44	85.9	5.88	4.9
SR12	10/18/2019 4:11	28.26	85.4	5.79	4.5	SR12						SR12	10/18/2019 16:11	28.26	86.9	5.92	5.3	SR12	10/18/2019 22:11	28.45	87.4	5.96	4.8
SR12	10/18/2019 4:16	28.26	85.5	5.80	4.2	SR12						SR12	10/18/2019 16:16	28.27	87.3	5.94	4.8	SR12	10/18/2019 22:16	28.43	89.4	6.09	5.9
SR12	10/18/2019 4:21	28.26	84.8	5.76	4.5	SR12						SR12	10/18/2019 16:21	28.27	86.8	5.91	4.9	SR12	10/18/2019 22:21	28.40	89.2	6.08	5.8
SR12	10/18/2019 4:26	28.26	85.3	5.79	4.8	SR12						SR12	10/18/2019 16:26	28.27	85.7	5.83	4.9	SR12	10/18/2019 22:26	28.40	89.8	6.14	6.1
SR12	10/18/2019 4:31	28.26	83.4	5.66	3.5	SR12						SR12	10/18/2019 16:31	28.27	85.3	5.81	5.4	SR12	10/18/2019 22:31	28.38	88.9	6.06	5.5
SR12	10/18/2019 4:36	28.26	83.4	5.66	4.3	SR12						SR12	10/18/2019 16:36	28.26	86.1	5.88	5.1	SR12	10/18/2019 22:36	28.37	88.9	6.05	5.0
SR12	10/18/2019 4:41	28.26	83.9	5.70	4.9	SR12						SR12	10/18/2019 16:41	28.26	85.3	5.82	5.9	SR12	10/18/2019 22:41	28.36	87.4	5.96	5.0
SR12	10/18/2019 4:46	28.25	83.2	5.65	4.0	SR12						SR12	10/18/2019 16:46	28.26	86.2	5.88	4.7	SR12	10/18/2019 22:46	28.34	88.8	6.06	5.9
SR12	10/18/2019 4:51	28.25	82.2	5.58	4.1	SR12						SR12	10/18/2019 16:51	28.26	87.0	5.94	4.7	SR12	10/18/2019 22:51	28.34	88.3	6.02	5.6
SR12	10/18/2019 4:56	28.25	83.8	5.69	3.9	SR12						SR12	10/18/2019 16:56	28.27	87.2	5.95	4.3	SR12	10/18/2019 22:56	28.34	88.7	6.06	5.7
SR12	10/18/2019 5:01	28.26	82.1	5.58	3.5	SR12						SR12	10/18/2019 17:01	28.29	88.3	6.02	4.4	SR12	10/18/2019 23:01	28.33	89.8	6.12	5.1
SR12	10/18/2019 5:06	28.25	83.1	5.63	3.9	SR12						SR12	10/18/2019 17:06	28.29	88.1	6.01	3.9	SR12	10/18/2019 23:06	28.32	89.4	6.11	4.6
SR12	10/18/2019 5:11	28.26	82.2	5.58	4.2	SR12	10/18/2019 11:11	28.15	88.4	6.05	4.3	SR12	10/18/2019 17:11	28.32	88.6	6.04	3.9	SR12	10/18/2019 23:11	28.32	88.9	6.05	5.7
SR12	10/18/2019 5:16	28.26	83.0	5.63	4.1	SR12	10/18/2019 11:16	28.18	88.5	6.04	4.0	SR12	10/18/2019 17:16	28.32	87.4	5.96	5.0	SR12	10/18/2019 23:16	28.32	88.8	6.05	6.3
SR12	10/18/2019 5:21	28.26	81.5	5.52	3.9	SR12	10/18/2019 11:21	28.19	87.8	5.99	4.8	SR12	10/18/2019 17:21	28.32	86.7	5.91	3.9	SR12	10/18/2019 23:21	28.31	88.2	6.00	5.4
SR12	10/18/2019 5:26	28.26	83.2	5.63	4.9	SR12	10/18/2019 11:26	28.18	89.1	6.08	4.9	SR12	10/18/2019 17:26	28.35	85.8	5.85	3.9	SR12	10/18/2019 23:26	28.32	88.1	6.02	4.7
SR12	10/18/2019 5:31	28.26	83.0	5.64	4.1	SR12	10/18/2019 11:31	28.18	90.6	6.19	4.6	SR12	10/18/2019 17:31	28.34	85.4	5.81	3.6	SR12	10/18/2019 23:31	28.31	87.7	5.98	4.8
SR12	10/18/2019 5:36	28.25	82.1	5.56	5.0	SR12	10/18/2019 11:36	28.18	90.1	6.15	4.9	SR12	10/18/2019 17:36	28.34	85.5	5.82	4.2	SR12	10/18/2019 23:36	28.30	87.0	5.93	3.9
SR12	10/18/2019 5:41	28.25	82.7	5.60	4.4	SR12	10/18/2019 11:41	28.17	90.2	6.17	4.4	SR12	10/18/2019 17:41	28.34	85.7	5.83	4.1	SR12	10/18/2019 23:41	28.27	87.4	5.94	5.1
SR12	10/18/2019 5:46	28.26	82.3	5.57	4.5	SR12	10/18/2019 11:46	28.20	88.2	6.03	6.7	SR12	10/18/2019 17:46	28.34	85.9	5.85	4.8	SR12	10/18/2019 23:46	28.29	88.0	6.01	4.8
SR12	10/18/2019 5:51	28.29	82.7	5.60	5.3	SR12	10/18/2019 11:51	28.21	89.4	6.10	6.5	SR12	10/18/2019 17:51	28.33	89.0	6.07	5.4	SR12	10/18/2019 23:51	28.28	87.3	5.96	4.2
SR12	10/18/2019 5:56	28.30	81.5	5.53	4.2	SR12	10/18/2019 11:56	28.17	91.2	6.24	4.5	SR12	10/18/2019 17:56	28.35	88.5	6.04	4.5	SR12	10/18/2019 23:56	28.29	85.3	5.82	4.0

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	10/18/2019 0:00	28.19	85.0	6.02	3.7	SR13	10/18/2019 6:00	27.99	83.6	5.84	5.3	SR13	10/18/2019 12:00	28.05	81.9	5.71	4.8	SR13	10/18/2019 18:00	28.04	81.7	5.72	4.1
SR13	10/18/2019 0:05	28.20	84.9	6.02	5.0	SR13	10/18/2019 6:05	27.99	84.0	5.87	6.4	SR13	10/18/2019 12:05	28.07	77.3	5.40	4.1	SR13	10/18/2019 18:05	27.89	81.5	5.70	4.4
SR13	10/18/2019 0:10	28.16	84.5	5.98	4.4	SR13	10/18/2019 6:10	28.00	83.6	5.86	5.1	SR13	10/18/2019 12:10	28.08	79.9	5.58	3.8	SR13	10/18/2019 18:10	28.02	81.4	5.70	4.8
SR13	10/18/2019 0:15	28.15	83.7	5.93	4.2	SR13	10/18/2019 6:15	28.00	82.0	5.72	4.5	SR13	10/18/2019 12:15	28.08	80.2	5.62	4.4	SR13	10/18/2019 18:15	28.02	84.2	5.89	4.4
SR13	10/18/2019 0:20	28.21	83.7	5.92	4.2	SR13	10/18/2019 6:20	28.01	82.3	5.75	5.9	SR13	10/18/2019 12:20	28.09	80.0	5.59	5.0	SR13	10/18/2019 18:20	27.99	84.0	5.88	4.6
SR13	10/18/2019 0:25	28.24	83.6	5.91	3.3	SR13	10/18/2019 6:25	28.02	82.5	5.77	4.6	SR13	10/18/2019 12:25	28.10	80.0	5.59	5.1	SR13	10/18/2019 18:25	27.99	84.1	5.89	5.2
SR13	10/18/2019 0:30	28.23	83.8	5.93	4.0	SR13	10/18/2019 6:30	28.02	81.8	5.71	5.6	SR13	10/18/2019 12:30	28.09	80.4	5.62	3.6	SR13	10/18/2019 18:30	27.99	83.9	5.88	5.1
SR13	10/18/2019 0:35	28.18	83.7	5.93	5.7	SR13	10/18/2019 6:35	28.03	82.7	5.79	5.9	SR13	10/18/2019 12:35	28.09	79.6	5.58	3.8	SR13	10/18/2019 18:35	28.00	84.6	5.93	5.7
SR13	10/18/2019 0:40	28.17	83.9	5.95	3.9	SR13	10/18/2019 6:40	28.03	84.6	5.91	5.3	SR13	10/18/2019 12:40	28.10	79.3	5.56	3.5	SR13	10/18/2019 18:40	28.00	84.1	5.90	4.6
SR13	10/18/2019 0:45	28.20	83.5	5.91	4.2	SR13	10/18/2019 6:45	28.02	84.0	5.86	4.7	SR13	10/18/2019 12:45	28.11	79.6	5.57	3.3	SR13	10/18/2019 18:45	28.00	84.6	5.93	4.5
SR13	10/18/2019 0:50	28.16	84.2	5.97	4.8	SR13	10/18/2019 6:50	28.03	83.7	5.85	4.9	SR13	10/18/2019 12:50	28.10	80.5	5.65	5.4	SR13	10/18/2019 18:50	28.01	85.4	5.98	4.6
SR13	10/18/2019 0:55	28.20	83.5	5.91	3.9	SR13	10/18/2019 6:55	28.03	82.9	5.79	5.9	SR13	10/18/2019 12:55	28.10	79.0	5.54	5.0	SR13	10/18/2019 18:55	28.01	85.1	5.97	5.1
SR13	10/18/2019 1:00	28.19	84.3	5.98	5.1	SR13	10/18/2019 7:00	28.02	84.0	5.88	4.4	SR13	10/18/2019 13:00	28.10	79.3	5.55	4.5	SR13	10/18/2019 19:00	28.03	85.1	5.96	4.9
SR13	10/18/2019 1:05	28.25	84.5	5.98	5.8	SR13	10/18/2019 7:05	28.03	83.3	5.82	6.0	SR13	10/18/2019 13:05	28.10	77.8	5.45	3.5	SR13	10/18/2019 19:05	28.05	85.2	5.97	4.8
SR13	10/18/2019 1:10	28.25	84.8	6.01	5.3	SR13	10/18/2019 7:10	28.04	83.9	5.86	5.6	SR13	10/18/2019 13:10	28.08	80.1	5.61	4.5	SR13	10/18/2019 19:10	28.05	86.0	6.02	5.2
SR13	10/18/2019 1:15	28.22	83.8	5.93	3.5	SR13	10/18/2019 7:15	28.04	84.2	5.88	4.7	SR13	10/18/2019 13:15	28.08	80.0	5.61	5.5	SR13	10/18/2019 19:15	28.05	85.8	6.02	4.3
SR13	10/18/2019 1:20	28.22	84.8	6.01	3.3	SR13	10/18/2019 7:20	28.04	84.1	5.88	6.1	SR13	10/18/2019 13:20	28.07	80.3	5.63	5.6	SR13	10/18/2019 19:20	28.06	86.2	6.03	4.4
SR13	10/18/2019 1:25	28.22	85.4	6.05	4.6	SR13	10/18/2019 7:25	28.04	84.3	5.90	5.4	SR13	10/18/2019 13:25	28.07	81.3	5.69	3.9	SR13	10/18/2019 19:25	28.06	85.8	6.01	4.4
SR13	10/18/2019 1:30	28.21	84.9	6.01	4.7	SR13	10/18/2019 7:30	28.03	85.0	5.95	5.6	SR13	10/18/2019 13:30	28.07	81.8	5.73	4.7	SR13	10/18/2019 19:30	28.08	85.2	5.97	5.2
SR13	10/18/2019 1:35	28.21	84.7	6.00	5.8	SR13	10/18/2019 7:35	28.03	83.5	5.83	4.3	SR13	10/18/2019 13:35	28.07	82.4	5.76	4.2	SR13	10/18/2019 19:35	28.09	85.7	5.99	6.5
SR13	10/18/2019 1:40	28.20	85.6	6.10	4.7	SR13	10/18/2019 7:40	28.05	84.2	5.89	5.5	SR13	10/18/2019 13:40	28.07	80.9	5.67	4.2	SR13	10/18/2019 19:40	28.08	85.6	5.99	4.7
SR13	10/18/2019 1:45	28.20	84.1	5.98	4.0	SR13	10/18/2019 7:45	28.05	83.9	5.86	6.3	SR13	10/18/2019 13:45	28.07	80.9	5.66	4.3	SR13	10/18/2019 19:45	28.09	85.0	5.96	4.2
SR13	10/18/2019 1:50	28.20	84.2	6.00	5.1	SR13	10/18/2019 7:50	28.05	84.1	5.87	4.2	SR13	10/18/2019 13:50	28.07	80.8	5.65	4.3	SR13	10/18/2019 19:50	28.10	84.8	5.94	5.0
SR13	10/18/2019 1:55	28.18	83.5	5.95	5.0	SR13	10/18/2019 7:55	28.07	84.5	5.90	4.9	SR13	10/18/2019 13:55	28.08	81.1	5.67	4.0	SR13	10/18/2019 19:55	28.09	85.2	5.98	4.0
SR13	10/18/2019 2:00	28.17	83.7	5.95	5.6	SR13	10/18/2019 8:00	28.08	83.5	5.82	5.1	SR13	10/18/2019 14:00	28.08	81.4	5.69	3.4	SR13	10/18/2019 20:00	28.11	86.0	6.02	4.7
SR13	10/18/2019 2:05	28.16	84.0	5.99	5.9	SR13	10/18/2019 8:05	28.10	83.8	5.85	5.7	SR13	10/18/2019 14:05	28.08	81.4	5.71	4.6	SR13	10/18/2019 20:05	28.12	85.3	5.96	5.7
SR13	10/18/2019 2:10	28.17	83.9	5.99	4.6	SR13	10/18/2019 8:10	28.10	81.8	5.72	5.0	SR13	10/18/2019 14:10	28.09	82.3	5.77	4.5	SR13	10/18/2019 20:10	28.12	84.9	5.95	4.3
SR13	10/18/2019 2:15	28.16	84.6	6.04	6.3	SR13	10/18/2019 8:15	28.11	82.7	5.80	5.4	SR13	10/18/2019 14:15	28.08	81.1	5.66	6.6	SR13	10/18/2019 20:15	28.13	85.9	6.02	4.6
SR13	10/18/2019 2:20	28.15	85.0	6.06	5.1	SR13	10/18/2019 8:20	28.11	82.9	5.81	3.9	SR13	10/18/2019 14:20	28.09	80.2	5.61	3.7	SR13	10/18/2019 20:20	28.12	85.7	6.01	4.1
SR13	10/18/2019 2:25	28.14	84.6	6.04	4.6	SR13	10/18/2019 8:25	28.10	83.5	5.84	6.0	SR13	10/18/2019 14:25	28.09	74.3	5.18	4.0	SR13	10/18/2019 20:25	28.13	85.7	5.99	4.2
SR13	10/18/2019 2:30	28.15	85.4	6.08	5.6	SR13	10/18/2019 8:30	28.09	82.5	5.76	4.1	SR13	10/18/2019 14:30	28.09	77.9	5.44	3.6	SR13	10/18/2019 20:30	28.13	85.8	5.99	4.9
SR13	10/18/2019 2:35	28.15	84.3	6.01	5.0	SR13	10/18/2019 8:35	28.09	82.6	5.77	5.4	SR13	10/18/2019 14:35	28.08	79.1	5.52	4.2	SR13	10/18/2019 20:35	28.13	85.7	6.00	5.0
SR13	10/18/2019 2:40	28.16	84.5	6.03	4.6	SR13	10/18/2019 8:40	28.09	82.5	5.77	5.2	SR13	10/18/2019 14:40	28.08	79.4	5.55	4.4	SR13	10/18/2019 20:40	28.12	84.9	5.96	4.6
SR13	10/18/2019 2:45	28.17	84.3	6.02	5.0	SR13	10/18/2019 8:45	28.09	82.6	5.77	5.0	SR13	10/18/2019 14:45	28.07	78.6	5.48	3.4	SR13	10/18/2019 20:45	28.14	85.3	5.97	5.3
SR13	10/18/2019 2:50	28.16	84.2	6.01	4.6	SR13	10/18/2019 8:50	28.09	83.2	5.82	4.0	SR13	10/18/2019 14:50	28.07	78.5	5.48	3.4	SR13	10/18/2019 20:50	28.15	85.1	5.98	4.2
SR13	10/18/2019 2:55	28.16	84.0	5.99	5.2	SR13	10/18/2019 8:55	28.09	82.7	5.80	5.8	SR13	10/18/2019 14:55	28.05	77.0	5.38	3.1	SR13	10/18/2019 20:55	28.15	84.6	5.93	4.1
SR13	10/18/2019 3:00	28.15	84.3	6.02	6.3	SR13	10/18/2019 9:00	28.09	83.5	5.85	5.9	SR13	10/18/2019 15:00	28.06	75.3	5.27	3.3	SR13	10/18/2019 21:00	28.14	84.2	5.89	5.0
SR13	10/18/2019 3:05	28.16	83.2	5.93	4.8	SR13	10/18/2019 9:05	28.09	83.2	5.82	10.0	SR13	10/18/2019 15:05	28.05	75.3	5.27	2.7	SR13	10/18/2019 21:05	28.14	83.9	5.88	4.8
SR13	10/18/2019 3:10	28.16	84.0	5.99	6.2	SR13	10/18/2019 9:10	28.09	83.1	5.81	4.9	SR13	10/18/2019 15:10	28.03	76.6	5.36	3.9	SR13	10/18/2019 21:10	28.14	84.2	5.90	4.9
SR13	10/18/2019 3:15	28.16	83.6	5.97	5.7	SR13	10/18/2019 9:15	28.10	81.5	5.71	4.6	SR13	10/18/2019 15:15	28.04	76.4	5.34	2.9	SR13	10/18/2019 21:15	28.14	84.9	5.95	4.1
SR13	10/18/2019 3:20	28.14	83.8	5.98	5.4	SR13	10/18/2019 9:20	28.10	82.6	5.78	4.2	SR13	10/18/2019 15:20	28.04	77.1	5.39	4.3	SR13	10/18/2019 21:20	28.14	84.5	5.91	5.0
SR13	10/18/2019 3:25	28.17	83.9	5.99	6.3	SR13	10/18/2019 9:25	28.11	81.6	5.70	4.9	SR13						SR13	10/18/2019 21:25	28.15	85.0	5.96	4.2
SR13	10/18/2019 3:30	28.16	84.4	6.02	5.5	SR13	10/18/2019 9:30	28.11	82.8	5.78	4.6	SR13						SR13	10/18/2019 21:30	28.15	85.3	5.98	4.5
SR13	10/18/2019 3:35	28.15	83.8	5.99	5.7	SR13	10/18/2019 9:35	28.11	81.9	5.73	5.4	SR13						SR13	10/18/2019 21:35	28.14	84.4	5.91	6.1
SR13	10/18/2019 3:40	28.14	83.8	5.98	4.4	SR13	10/18/2019 9:40	28.11	82.5	5.77	4.1	SR13	10/18/2019 15:40	28.04	77.9	5.44	2.9	SR13	10/18/2019 21:40	28.15	85.2	5.96	5.3
SR13	10/18/2019 3:45	28.14	83.4	5.95	6.6	SR13	10/18/2019 9:45	28.11	82.7	5.77	4.0	SR13	10/18/2019 15:45	28.04	78.1	5.46	3.6	SR13	10/18/2019 21:45	28.14	84.6	5.91	5.0
SR13	10/18/2019 3:50	28.14	82.9	5.91	5.6	SR13	10/18/2019 9:50	28.12	83.6	5.85	5.5	SR13	10/18/2019 15:50	28.04	78.8	5.51	4.3	SR13	10/18/2019 21:50	28.14	84.7	5.92	4.3
SR13	10/18/2019 3:55	28.14	81.9	5.82	4.8	SR13	10/18/2019 9:55	28.12	81.6	5.70	5.8	SR13	10/18/2019 15:55	28.05	81.3	5.68	4.7	SR13	10/18/2019 21:55	28.15	85.1	5.95	4.1
SR13	10/18/2019 4:00	28.13	82.7	5.88	5.3	SR13	10/18/2019 10:00	28.13	82.2	5.74	5.2	SR13	10/18/2019 16:00	28.05	80.9	5.65	4.6	SR13	10/18/2019 22:00	28.14	84.3	5.90	4.9
SR13	10/18/2019 4:05	28.13	82.9	5.90	5.5	SR13	10/18/2019 10:05	28.12	82.3	5.74	5.1	SR13	10/18/2019 16:05	28.05	81.5	5.70	4.0	SR13	10/18/2019 22:05	28.14	83.9	5.89	4.3
SR13	10/18/2019 4:10	28.14	82.4	5.86	4.7	SR13	10/18/2019 10:10	28.11	82.6	5.78	4.0	SR13	10/18/2019 16:10	28.06	81.0	5.67	4.6	SR13	10/18/2019 22:10	28.14	83.8	5.86	4.9
SR13	10/18/2019 4:15	28.15	82.5	5.89	4.5	SR13	10/18/2019 10:15	28.11	82.9	5.79	4.1	SR13	10/18/2019 16:15	28.07	81.8	5.72	4.0	SR13	10/18/2019 22:15	28.14	84.0	5.88	5.1
SR13	10/18/2019 4:20	28.13	83.4	5.95	5.3	SR13	10/18/2019 10:20	28.11	83.1	5.80	4.3	SR13	10/18/2019 16:20	28.07	81.6	5.70	4.7	SR13	10/18/2019 22:20	28.16	85.2	5.96	4.7
SR13	10/18/2019 4:25	28.12	83.5	5.95	5.2	SR13	10/18/2019 10:25	28.12	82.3	5.76	5.2	SR13	10/18/2019 16:25	28.06	81.8	5.73	3.3	SR13	10/18/2019 22:25	28.17	85.1	5.95	4.4
SR13	10/18/2019 4:30	28.13	83.6	5.97	4.9	SR13	10/18/2019 10:30	28.07	81.1	5.66	5.1	SR13	10/18/2019 16:30	28.08	82.6	5.77	5.1	SR13	10/18/2019 22:30	28.16	84.5	5.92	4.2
SR13	10/18/2019 4:35	28.12	82.8	5.91	4.9	SR13	10/18/2019 10:35	28.08	80.8	5.65	4.5	SR13	10/18/2019 16:35	28.08	82.7	5.78	7.0	SR13	10/18/2019 22:35	28.17	84.8	5.93	4.2
SR13	10/18/2019 4:40	28.09	83.1	5.92	5.8	SR13	10/18/2019 10:40	28.09	81.2	5.69	4.5	SR13	10/18/2019 16:40	28.11	82.4	5.77	4.7	SR13	10/18/2019 22:40	28.09	84.3	5.89	5.0
SR13	10/18/2019 4:45	28.09	84.0	5.87	5.6	SR13	10/18/2019 10:45	28.10	82.3	5.76	5.2	SR13	10/18/2019 16:45	28.12	81.9	5.73	3.5	SR13	10/18/2019 22:45	28.08	84.7	5.94	4.3
SR13	10/18/2019 4:50	28.10	85.1	5.96	5.1	SR13	10/18/2019 10:50	28.09	82.9	5.79	3.7	SR13	10/18/2019 16:50	28.13	81.0	5.69	3.8	SR13	10/18/2019 22:50	28.09	84.6	5.92	4.1
SR13	10/18/2019 4:55	28.09	85.7	6.01	5.7	SR13	10/18/2019 10:55	28.09	82.6	5.79	4.7	SR13	10/18/2019 16:55	28.13	83.0	5.80	3.9	SR13	10/18/2019 22:55	28.08	83.9	5.87	5.0
SR13	10/18/2019 5:00	28.07	85.6	6.00	6.4	SR13	10/18/2019 11:00	28.06	82.6	5.77	4.9	SR13	10/18/2019 17:00	28.14	83.1	5.81	3.5	SR13	10/18/2019 23:00	28.09	83.0	5.82	4.5
SR13	10/18/2019 5:05	28.07	85.3	5.98	5.1	SR13	10/18/2019 11:05	28.01	83.1	5.81	5.2	SR13	10/18/2019 17:05	28.14	82.9	5.80	4.6	SR13	10/18/2019 23:05	28.12	84.0	5.87	4.7
SR13	10/18/2019 5:10	28.06	84.3	5.90	5.7	SR13	10/18/2019 11:10	28.01	82.8	5.78	3.9	SR13	10/18/2019 17:10	28.15	82.7	5.78	5.2	SR13	10/18/2019 23:10	28.11	83.5	5.85	4.6
SR13	10/18/2019 5:15	28.05	83.3	5.82	5.0	SR13	10/18/2019 11:15	28.01	81.5	5.70	4.4	SR13	10/18/2019 17:15	28.13	80.5	5.64	4.6	SR13	10/18/2019 23:15	28.09	84.1	5.89	5.1
SR13	10/18/2019 5:20	28.04	84.7	5.92	5.1	SR13	10/18/2019 11:20	28.00	82.4	5.76	5.1	SR13	10/18/2019 17:20	28.13	80.8	5.65	3.4	SR13	10/18/2019 23:20	28.08	83.7	5.88	5.1
SR13	10/18/2019 5:25	28.04	84.5	5.91	4.4	SR13	10/18/2019 11:25	28.00	82.1	5.73	4.2	SR13	10/18/2019 17:25	28.13	80.6	5.65	3.9	SR13	10/18/2019 23:25	28.08	83.0	5.81	4.0
SR13	10/18/2019 5:30	28.03	84.2	5.90	5.5	SR13	10/18/2019 11:30	28.00	82.2	5.74	5.4	SR13	10/18/2019 17:30	28.11	80.3	5.62	4.7	SR13	10/18/2019 23:30	28.06	82.7	5.81	4.2
SR13	10/18/2019 5:35	28.02	84.8	5.94	6.3	SR13	10/18/2019 11:35	28.01	81.7	5.72	3.8	SR13	10/18/2019 17:35	28.11	80.7	5.66	3.6	SR13	10/18/2019 23:35	28.07	83.3	5.83	4.7
SR13	10/18/2019 5:40	28.00	85.2	5.96	5.9	SR13	10/18/2019 11:40	28.01	82.7	5.77	5.5	SR13	10/18/2019 17:40	28.11	81.3	5.70	5.5	SR13	10/18/2019 23:40	28.06	83.2	5.83	5.1
SR13	10/18/2019 5:45	28.01	84.8	5.94	6.7	SR13	10/18/2019 11:45	28.02	82.3	5.76	3.7	SR13	10/18/2019 17:45	28.08	81.1	5.69	6.2	SR13	10/18/2019 23:45	28.09	83.1	5.82	3.8
SR13	10/18/2019 5:50	28.00	84.0	5.88	6.3	SR13	10/18/2019 11:50	28.03	82.1	5.73	5.7	SR13	10/18/2019 17:50	28.08	81.6	5.71	4.3	SR13	10/18/2019 23:50	28.10	83.5	5.85	4.3
SR13	10/18/2019 5:55	28.00	83.4	5.83	6.5	SR13	10/18/2019 11:55	28.05	81.5	5.69	4.0	SR13	10/18/2019 17:55	28.06	82.3	5.76	5.4	SR13	10/18/2019 23:55	28.10	84.4	5.92	3.8

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	10/18/2019 0:17	0.23				SR12	10/18/2019 0:17	0.27			
SR4	10/18/2019 0:37	0.20				SR12	10/18/2019 0:37	0.28			
SR4	10/18/2019 0:57	0.22				SR12	10/18/2019 0:57	0.26			
SR4	10/18/2019 1:17	0.22				SR12	10/18/2019 1:17	0.26			
SR4	10/18/2019 1:37	0.23				SR12	10/18/2019 1:37	0.26			
SR4	10/18/2019 1:57	0.22				SR12	10/18/2019 1:57	0.27			
SR4	10/18/2019 2:17	0.22				SR12	10/18/2019 2:17	0.27			
SR4	10/18/2019 2:37	0.24				SR12	10/18/2019 2:37	0.27			
SR4	10/18/2019 2:57	0.23				SR12	10/18/2019 2:57	0.28			
SR4	10/18/2019 3:17	0.22				SR12	10/18/2019 3:17	0.27			
SR4	10/18/2019 3:37	0.24				SR12	10/18/2019 3:37	0.26			
SR4	10/18/2019 3:57	0.22				SR12	10/18/2019 3:57	0.27			
SR4	10/18/2019 4:17	0.23				SR12	10/18/2019 4:17	0.28			
SR4	10/18/2019 4:37	0.22				SR12	10/18/2019 4:37	0.27			
SR4	10/18/2019 4:57	0.22				SR12	10/18/2019 4:57	0.26			
SR4	10/18/2019 5:17	0.22				SR12	10/18/2019 5:17	0.26			
SR4	10/18/2019 5:37	0.24				SR12	10/18/2019 5:37	0.23			
SR4	10/18/2019 5:57	0.24				SR12	10/18/2019 5:57	0.22			
SR4						SR12					
SR4	10/18/2019 6:37	0.22				SR12	10/18/2019 6:37	0.22			
SR4	10/18/2019 6:57	0.24				SR12	10/18/2019 6:57	0.23			
SR4	10/18/2019 7:17	0.23				SR12	10/18/2019 7:17	0.24			
SR4	10/18/2019 7:37	0.23				SR12	10/18/2019 7:37	0.25			
SR4	10/18/2019 7:57	0.24				SR12	10/18/2019 7:57	0.23			
SR4	10/18/2019 8:17	0.24				SR12	10/18/2019 8:17	0.22			
SR4	10/18/2019 8:37	0.22				SR12	10/18/2019 8:37	0.20			
SR4	10/18/2019 8:57	0.22				SR12	10/18/2019 8:57	0.22			
SR4	10/18/2019 9:17	0.23				SR12	10/18/2019 9:17	0.21			
SR4	10/18/2019 9:37	0.24				SR12	10/18/2019 9:37	0.21			
SR4	10/18/2019 9:57	0.24				SR12	10/18/2019 9:57	0.20			
SR4	10/18/2019 10:17	0.22				SR12					
SR4	10/18/2019 10:37	0.23				SR12					
SR4	10/18/2019 10:57	0.24				SR12					
SR4	10/18/2019 11:17	0.25				SR12					
SR4	10/18/2019 11:37	0.24				SR12	10/18/2019 11:37	0.23			
SR4	10/18/2019 11:57	0.25				SR12	10/18/2019 11:57	0.23			
SR4						SR12	10/18/2019 12:17	0.23			
SR4						SR12	10/18/2019 12:37	0.21			
SR4						SR12	10/18/2019 12:57	0.22			
SR4						SR12	10/18/2019 13:17	0.21			
SR4						SR12	10/18/2019 13:37	0.20			
SR4	10/18/2019 13:57	0.25				SR12	10/18/2019 13:57	0.19			
SR4	10/18/2019 14:17	0.23				SR12	10/18/2019 14:17	0.20			
SR4	10/18/2019 14:37	0.25				SR12	10/18/2019 14:37	0.18			
SR4	10/18/2019 14:57	0.25				SR12	10/18/2019 14:57	0.19			
SR4	10/18/2019 15:17	0.24				SR12	10/18/2019 15:17	0.20			
SR4	10/18/2019 15:37	0.25				SR12	10/18/2019 15:37	0.20			
SR4	10/18/2019 15:57	0.24				SR12	10/18/2019 15:57	0.20			
SR4	10/18/2019 16:17	0.23				SR12	10/18/2019 16:17	0.19			
SR4	10/18/2019 16:37	0.24				SR12	10/18/2019 16:37	0.20			
SR4	10/18/2019 16:57	0.25				SR12	10/18/2019 16:57	0.19			
SR4	10/18/2019 17:17	0.25				SR12	10/18/2019 17:17	0.21			
SR4	10/18/2019 17:37	0.23				SR12	10/18/2019 17:37	0.19			
SR4	10/18/2019 17:57	0.24				SR12	10/18/2019 17:57	0.18			
SR4	10/18/2019 18:17	0.24				SR12	10/18/2019 18:17	0.18			
SR4	10/18/2019 18:37	0.23				SR12	10/18/2019 18:37	0.20			
SR4	10/18/2019 18:57	0.23				SR12	10/18/2019 18:57	0.19			
SR4	10/18/2019 19:17	0.23				SR12	10/18/2019 19:17	0.21			
SR4	10/18/2019 19:37	0.25				SR12	10/18/2019 19:37	0.23			
SR4	10/18/2019 19:57	0.24				SR12	10/18/2019 19:57	0.23			
SR4	10/18/2019 20:17	0.23				SR12	10/18/2019 20:17	0.23			
SR4	10/18/2019 20:37	0.25				SR12	10/18/2019 20:37	0.23			
SR4	10/18/2019 20:57	0.27				SR12	10/18/2019 20:57	0.20			
SR4	10/18/2019 21:17	0.26				SR12	10/18/2019 21:17	0.23			
SR4	10/18/2019 21:37	0.27				SR12	10/18/2019 21:37	0.21			
SR4	10/18/2019 21:57	0.25				SR12	10/18/2019 21:57	0.23			
SR4	10/18/2019 22:17	0.26				SR12	10/18/2019 22:17	0.21			
SR4	10/18/2019 22:37	0.27				SR12	10/18/2019 22:37	0.20			
SR4	10/18/2019 22:57	0.28				SR12	10/18/2019 22:57	0.23			
SR4	10/18/2019 23:17	0.27				SR12	10/18/2019 23:17	0.21			
SR4	10/18/2019 23:37	0.28				SR12	10/18/2019 23:37	0.23			
SR4	10/18/2019 23:57	0.26				SR12	10/18/2019 23:57	0.22			

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 10:06-11:11.
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	10/19/2019 0:01	28.57	84.6	5.88	3.3	SR4	10/19/2019 6:01	28.48	83.4	5.78	5.5	SR4	10/19/2019 12:01	28.57	91.2	6.35	6.0	SR4	10/19/2019 18:01	28.69	87.9	6.13	3.6
SR4	10/19/2019 0:06	28.57	83.1	5.78	3.1	SR4	10/19/2019 6:06	28.47	83.7	5.81	4.7	SR4	10/19/2019 12:06	28.58	92.1	6.42	5.4	SR4	10/19/2019 18:06	28.68	86.4	6.04	2.3
SR4	10/19/2019 0:11	28.57	81.1	5.65	3.2	SR4	10/19/2019 6:11	28.47	84.3	5.86	5.4	SR4	10/19/2019 12:11	28.57	91.1	6.35	4.7	SR4	10/19/2019 18:11	28.74	82.6	5.76	2.3
SR4	10/19/2019 0:16	28.55	82.2	5.74	2.7	SR4	10/19/2019 6:16	28.47	84.1	5.84	3.9	SR4	10/19/2019 12:16	28.54	88.2	6.16	5.3	SR4	10/19/2019 18:16	28.76	84.5	5.90	2.6
SR4	10/19/2019 0:21	28.54	83.0	5.78	2.9	SR4	10/19/2019 6:21	28.46	85.1	5.92	4.8	SR4	10/19/2019 12:21	28.56	88.1	6.16	5.7	SR4	10/19/2019 18:21	28.71	84.5	5.90	2.1
SR4	10/19/2019 0:26	28.55	80.5	5.60	2.6	SR4	10/19/2019 6:26	28.46	84.9	5.93	4.5	SR4	10/19/2019 12:26	28.54	87.5	6.11	5.2	SR4	10/19/2019 18:26	28.74	81.9	5.71	2.4
SR4	10/19/2019 0:31	28.55	83.6	5.81	2.9	SR4	10/19/2019 6:31	28.45	84.3	5.88	5.4	SR4	10/19/2019 12:31	28.56	89.0	6.22	5.7	SR4	10/19/2019 18:31	28.76	84.5	5.89	3.7
SR4	10/19/2019 0:36	28.54	82.6	5.74	2.9	SR4	10/19/2019 6:36	28.45	85.0	5.93	5.1	SR4	10/19/2019 12:36	28.56	87.6	6.12	4.2	SR4	10/19/2019 18:36	28.75	88.6	6.18	3.6
SR4	10/19/2019 0:41	28.54	82.8	5.75	3.0	SR4	10/19/2019 6:41	28.44	84.9	5.93	5.3	SR4	10/19/2019 12:41	28.60	89.7	6.25	4.1	SR4	10/19/2019 18:41	28.76	89.4	6.23	2.9
SR4	10/19/2019 0:46	28.53	82.0	5.70	3.0	SR4	10/19/2019 6:46	28.44	84.3	5.88	3.7	SR4	10/19/2019 12:46	28.60	89.2	6.23	4.5	SR4	10/19/2019 18:46	28.76	86.5	6.04	2.7
SR4	10/19/2019 0:51	28.52	79.7	5.54	2.5	SR4	10/19/2019 6:51	28.44	85.0	5.93	4.1	SR4	10/19/2019 12:51	28.59	86.9	6.07	5.1	SR4	10/19/2019 18:51	28.72	86.0	6.01	2.3
SR4	10/19/2019 0:56	28.54	82.6	5.74	2.8	SR4	10/19/2019 6:56	28.44	85.0	5.93	4.7	SR4	10/19/2019 12:56	28.53	85.8	5.99	5.4	SR4	10/19/2019 18:56	28.64	86.4	6.05	2.3
SR4	10/19/2019 1:01	28.53	82.8	5.76	3.5	SR4	10/19/2019 7:01	28.44	84.5	5.90	5.3	SR4	10/19/2019 13:01	28.56	87.2	6.07	4.8	SR4	10/19/2019 19:01	28.68	83.4	5.83	1.9
SR4	10/19/2019 1:06	28.54	82.7	5.74	3.1	SR4	10/19/2019 7:06	28.43	85.6	5.96	5.8	SR4	10/19/2019 13:06	28.55	87.2	6.08	4.8	SR4	10/19/2019 19:06	28.71	80.0	5.59	2.1
SR4	10/19/2019 1:11	28.54	82.1	5.71	3.4	SR4	10/19/2019 7:11	28.30	79.8	5.59	3.2	SR4	10/19/2019 13:11	28.54	88.9	6.20	5.6	SR4	10/19/2019 19:11	28.72	81.3	5.68	2.2
SR4	10/19/2019 1:16	28.55	81.1	5.64	3.2	SR4	10/19/2019 7:16	28.34	81.2	5.68	3.1	SR4	10/19/2019 13:16	28.55	85.8	5.99	3.8	SR4	10/19/2019 19:16	28.73	87.3	6.08	2.9
SR4	10/19/2019 1:21	28.55	82.8	5.75	5.0	SR4	10/19/2019 7:21	28.37	81.5	5.70	4.5	SR4	10/19/2019 13:21	28.53	84.6	5.90	4.6	SR4	10/19/2019 19:21	28.73	90.5	6.31	4.3
SR4	10/19/2019 1:26	28.54	81.8	5.68	3.1	SR4	10/19/2019 7:26	28.39	81.7	5.70	3.2	SR4	10/19/2019 13:26	28.54	84.8	5.90	5.2	SR4	10/19/2019 19:26	28.67	88.3	6.17	7.5
SR4	10/19/2019 1:31	28.54	81.9	5.69	3.3	SR4	10/19/2019 7:31	28.32	81.9	5.72	3.4	SR4	10/19/2019 13:31	28.55	84.1	5.84	5.0	SR4	10/19/2019 19:31	28.66	89.1	6.22	4.4
SR4	10/19/2019 1:36	28.54	82.6	5.75	2.8	SR4	10/19/2019 7:36	28.35	86.5	6.05	3.5	SR4	10/19/2019 13:36	28.54	82.2	5.70	5.4	SR4	10/19/2019 19:36	28.66	88.2	6.16	4.6
SR4	10/19/2019 1:41	28.55	82.9	5.78	3.5	SR4	10/19/2019 7:41	28.38	86.9	6.07	4.4	SR4	10/19/2019 13:41	28.53	82.8	5.75	5.3	SR4	10/19/2019 19:41	28.67	90.0	6.29	4.9
SR4	10/19/2019 1:46	28.54	81.4	5.68	6.2	SR4	10/19/2019 7:46	28.35	86.8	6.07	3.5	SR4	10/19/2019 13:46	28.54	80.7	5.60	4.4	SR4	10/19/2019 19:46	28.67	89.5	6.25	3.9
SR4	10/19/2019 1:51	28.53	81.7	5.70	3.2	SR4	10/19/2019 7:51	28.31	85.9	6.01	3.7	SR4	10/19/2019 13:51	28.53	81.1	5.63	9.4	SR4	10/19/2019 19:51	28.69	88.8	6.19	4.1
SR4	10/19/2019 1:56	28.53	79.9	5.58	3.2	SR4	10/19/2019 7:56	28.36	86.3	6.04	5.2	SR4	10/19/2019 13:56	28.53	81.3	5.64	9.6	SR4	10/19/2019 19:56	28.68	88.8	6.20	3.2
SR4	10/19/2019 2:01	28.54	81.0	5.65	3.1	SR4	10/19/2019 8:01	28.37	88.9	6.22	4.0	SR4	10/19/2019 14:01	28.54	80.2	5.56	**15.6**	SR4	10/19/2019 20:01	28.68	90.2	6.30	4.5
SR4	10/19/2019 2:06	28.54	80.2	5.58	3.1	SR4	10/19/2019 8:06	28.37	91.1	6.37	3.4	SR4	10/19/2019 14:06	28.56	81.0	5.60	5.9	SR4	10/19/2019 20:06	28.71	88.4	6.18	3.5
SR4	10/19/2019 2:11	28.55	80.5	5.62	3.5	SR4	10/19/2019 8:11	28.33	92.9	6.52	2.9	SR4	10/19/2019 14:11	28.61	88.6	6.17	4.3	SR4	10/19/2019 20:11	28.68	87.4	6.11	3.7
SR4	10/19/2019 2:16	28.55	80.2	5.59	3.6	SR4	10/19/2019 8:16	28.34	94.1	6.60	3.5	SR4	10/19/2019 14:16	28.62	89.5	6.23	4.2	SR4	10/19/2019 20:16	28.73	86.3	6.02	3.5
SR4	10/19/2019 2:21	28.55	78.5	5.46	2.5	SR4	10/19/2019 8:21	28.35	95.8	6.72	3.5	SR4	10/19/2019 14:21	28.62	89.9	6.26	4.1	SR4	10/19/2019 20:21	28.69	89.2	6.23	5.1
SR4	10/19/2019 2:26	28.55	76.5	5.30	2.1	SR4	10/19/2019 8:26	28.36	95.6	6.71	3.6	SR4	10/19/2019 14:26	28.63	89.9	6.28	3.6	SR4	10/19/2019 20:26	28.68	88.4	6.17	4.9
SR4	10/19/2019 2:31	28.54	79.6	5.52	3.0	SR4	10/19/2019 8:31	28.35	98.4	6.91	3.7	SR4	10/19/2019 14:31	28.63	87.9	6.13	2.6	SR4	10/19/2019 20:31	28.65	87.4	6.11	6.6
SR4	10/19/2019 2:36	28.54	79.1	5.48	3.1	SR4	10/19/2019 8:36	28.38	99.9	7.02	3.5	SR4	10/19/2019 14:36	28.64	89.5	6.24	3.7	SR4	10/19/2019 20:36	28.67	86.7	6.06	5.9
SR4	10/19/2019 2:41	28.54	78.4	5.44	2.7	SR4	10/19/2019 8:41	28.38	99.4	6.97	3.5	SR4	10/19/2019 14:41	28.65	90.2	6.29	3.2	SR4	10/19/2019 20:41	28.68	88.8	6.19	4.6
SR4	10/19/2019 2:46	28.54	79.1	5.50	2.9	SR4	10/19/2019 8:46	28.40	100.1	7.02	3.2	SR4	10/19/2019 14:46	28.65	87.4	6.10	2.4	SR4	10/19/2019 20:46	28.67	87.4	6.08	4.8
SR4	10/19/2019 2:51	28.54	78.0	5.41	2.7	SR4	10/19/2019 8:51	28.42	100.6	7.06	3.3	SR4	10/19/2019 14:51	28.72	89.2	6.22	2.9	SR4	10/19/2019 20:51	28.67	86.9	6.06	5.1
SR4	10/19/2019 2:56	28.54	79.0	5.48	5.3	SR4	10/19/2019 8:56	28.39	100.4	7.04	3.5	SR4	10/19/2019 14:56	28.71	88.8	6.19	2.5	SR4	10/19/2019 20:56	28.67	86.5	6.04	5.5
SR4	10/19/2019 3:01	28.54	81.4	5.65	7.1	SR4	10/19/2019 9:01	28.41	101.7	7.13	3.3	SR4	10/19/2019 15:01	28.73	85.4	5.96	2.4	SR4	10/19/2019 21:01	28.64	86.3	6.02	3.7
SR4	10/19/2019 3:06	28.53	80.3	5.58	3.1	SR4	10/19/2019 9:06	28.42	102.1	7.15	2.8	SR4	10/19/2019 15:06	28.73	86.1	6.01	1.8	SR4	10/19/2019 21:06	28.62	86.7	6.05	3.5
SR4	10/19/2019 3:11	28.42	74.4	5.18	2.0	SR4	10/19/2019 9:11	28.42	97.8	6.85	3.6	SR4	10/19/2019 15:11	28.72	89.2	6.22	2.6	SR4	10/19/2019 21:11	28.62	86.1	6.02	3.9
SR4	10/19/2019 3:16	28.52	79.0	5.48	2.5	SR4	10/19/2019 9:16	28.43	97.5	6.84	3.7	SR4	10/19/2019 15:16	28.69	87.2	6.08	1.8	SR4	10/19/2019 21:16	28.63	84.1	5.87	3.8
SR4	10/19/2019 3:21	28.44	73.4	5.10	1.9	SR4	10/19/2019 9:21	28.42	94.0	6.59	3.8	SR4	10/19/2019 15:21	28.70	87.9	6.13	3.2	SR4	10/19/2019 21:21	28.63	83.5	5.82	3.5
SR4	10/19/2019 3:26	28.41	65.6	4.56	1.6	SR4	10/19/2019 9:26	28.43	95.8	6.71	4.1	SR4	10/19/2019 15:26	28.69	87.4	6.10	2.7	SR4	10/19/2019 21:26	28.62	81.8	5.68	3.7
SR4	10/19/2019 3:31	28.48	72.8	5.06	2.1	SR4	10/19/2019 9:31	28.41	93.4	6.54	5.1	SR4	10/19/2019 15:31	28.69	86.1	6.00	2.1	SR4	10/19/2019 21:31	28.62	80.7	5.60	2.3
SR4	10/19/2019 3:36	28.49	77.2	5.38	2.6	SR4	10/19/2019 9:36	28.40	91.3	6.41	5.6	SR4	10/19/2019 15:36	28.69	87.4	6.10	2.1	SR4	10/19/2019 21:36	28.59	84.0	5.83	5.8
SR4	10/19/2019 3:41	28.47	72.1	5.04	2.0	SR4	10/19/2019 9:41	28.42	91.5	6.42	6.2	SR4	10/19/2019 15:41	28.65	86.6	6.05	3.1	SR4	10/19/2019 21:41	28.60	82.7	5.75	3.9
SR4	10/19/2019 3:46	28.48	78.5	5.48	2.5	SR4	10/19/2019 9:46	28.42	93.4	6.55	5.9	SR4	10/19/2019 15:46	28.68	87.6	6.11	1.7	SR4	10/19/2019 21:46	28.59	80.8	5.62	3.5
SR4	10/19/2019 3:51	28.49	81.1	5.65	3.2	SR4	10/19/2019 9:51	28.42	91.9	6.44	6.3	SR4	10/19/2019 15:51	28.69	88.2	6.16	2.1	SR4	10/19/2019 21:51	28.56	82.8	5.75	5.8
SR4	10/19/2019 3:56	28.43	77.5	5.41	2.3	SR4	10/19/2019 9:56	28.44	92.5	6.47	5.9	SR4	10/19/2019 15:56	28.70	88.0	6.14	1.7	SR4	10/19/2019 21:56	28.54	82.8	5.75	5.4
SR4	10/19/2019 4:01	28.44	75.0	5.24	2.6	SR4	10/19/2019 10:01	28.46	93.7	6.55	6.6	SR4	10/19/2019 16:01	28.70	85.6	5.96	1.8	SR4	10/19/2019 22:01	28.53	82.5	5.74	5.4
SR4	10/19/2019 4:06	28.45	75.1	5.24	2.6	SR4	10/19/2019 10:06	28.47	94.8	6.62	6.8	SR4	10/19/2019 16:06	28.70	86.1	6.01	1.8	SR4	10/19/2019 22:06	28.52	82.6	5.76	6.2
SR4	10/19/2019 4:11	28.47	74.4	5.20	1.8	SR4	10/19/2019 10:11	28.53	93.5	6.54	3.4	SR4	10/19/2019 16:11	28.70	86.4	6.02	2.2	SR4	10/19/2019 22:11	28.53	82.2	5.74	4.5
SR4	10/19/2019 4:16	28.47	77.4	5.41	2.7	SR4	10/19/2019 10:16	28.48	92.2	6.46	6.0	SR4	10/19/2019 16:16	28.65	84.5	5.93	3.7	SR4	10/19/2019 22:16	28.53	82.0	5.72	4.6
SR4	10/19/2019 4:21	28.46	75.0	5.24	2.8	SR4	10/19/2019 10:21	28.48	90.7	6.35	8.0	SR4	10/19/2019 16:21	28.71	87.3	6.10	3.3	SR4	10/19/2019 22:21	28.53	84.0	5.87	5.1
SR4	10/19/2019 4:26	28.48	77.9	5.44	2.4	SR4	10/19/2019 10:26	28.50	93.8	6.56	6.9	SR4	10/19/2019 16:26	28.73	87.6	6.12	3.1	SR4	10/19/2019 22:26	28.53	82.9	5.80	6.5
SR4	10/19/2019 4:31	28.47	75.6	5.28	2.4	SR4	10/19/2019 10:31	28.49	93.3	6.52	7.2	SR4	10/19/2019 16:31	28.74	87.5	6.11	3.5	SR4	10/19/2019 22:31	28.52	83.7	5.84	5.6
SR4	10/19/2019 4:36	28.48	76.1	5.32	2.4	SR4	10/19/2019 10:36	28.55	94.5	6.60	5.3	SR4	10/19/2019 16:36	28.76	89.5	6.24	3.4	SR4	10/19/2019 22:36	28.48	79.0	5.51	3.3
SR4	10/19/2019 4:41	28.49	76.1	5.32	2.0	SR4	10/19/2019 10:41	28.51	93.2	6.52	6.9	SR4	10/19/2019 16:41	28.69	86.4	6.06	3.2	SR4	10/19/2019 22:41	28.53	81.5	5.69	3.7
SR4	10/19/2019 4:46	28.49	77.9	5.44	5.5	SR4	10/19/2019 10:46	28.57	95.7	6.68	5.0	SR4	10/19/2019 16:46	28.77	88.8	6.20	5.1	SR4	10/19/2019 22:46	28.53	83.6	5.81	6.0
SR4	10/19/2019 4:51	28.46	76.1	5.32	2.4	SR4	10/19/2019 10:51	28.56	96.4	6.73	4.6	SR4	10/19/2019 16:51	28.76	89.5	6.25	4.6	SR4	10/19/2019 22:51	28.53	80.7	5.62	4.8
SR4	10/19/2019 4:56	28.48	74.9	5.23	2.4	SR4	10/19/2019 10:56	28.55	95.3	6.66	5.8	SR4	10/19/2019 16:56	28.78	89.0	6.22	4.2	SR4	10/19/2019 22:56	28.52	79.5	5.52	4.0
SR4	10/19/2019 5:01	28.48	75.1	5.24	2.5	SR4	10/19/2019 11:01	28.57	94.1	6.56	6.0	SR4	10/19/2019 17:01	28.77	89.8	6.28	3.9	SR4	10/19/2019 23:01	28.52	78.4	5.45	3.3
SR4	10/19/2019 5:06	28.49	75.6	5.28	2.4	SR4	10/19/2019 11:06	28.57	95.2	6.65	6.1	SR4	10/19/2019 17:06	28.77	87.4	6.10	3.9	SR4	10/19/2019 23:06	28.45	78.8	5.47	3.1
SR4	10/19/2019 5:11	28.49	74.2	5.18	2.4	SR4	10/19/2019 11:11	28.54	94.8	6.61	5.8	SR4	10/19/2019 17:11	28.77	90.7	6.32	5.4	SR4	10/19/2019 23:11	28.42	80.6	5.62	2.9
SR4	10/19/2019 5:16	28.49	72.6	5.05	2.4	SR4	10/19/2019 11:16	28.53	93.3	6.52	5.6	SR4	10/19/2019 17:16	28.76	87.2	6.08	3.9	SR4	10/19/2019 23:16	28.51	76.0	5.28	2.5
SR4	10/19/2019 5:21	28.48	77.2	5.36	5.6	SR4	10/19/2019 11:21	28.57	93.2	6.49	5.1	SR4	10/19/2019 17:21	28.77	87.7	6.12	3.2	SR4	10/19/2019 23:21	28.45	79.1	5.51	3.8
SR4	10/19/2019 5:26	28.48	78.1	5.42	2.8	SR4	10/19/2019 11:26	28.57	96.4	6.72	5.3	SR4	10/19/2019 17:26	28.77	89.9	6.28	3.4	SR4	10/19/2019 23:26	28.51	80.5	5.59	6.2
SR4	10/19/2019 5:31	28.48	77.9	5.41	3.3	SR4	10/19/2019 11:31	28.57	93.7	6.54	4.9	SR4	10/19/2019 17:31	28.74	88.7	6.16	2.6	SR4	10/19/2019 23:31	28.50	82.3	5.72	6.6
SR4	10/19/2019 5:36	28.48	81.8	5.68	4.6	SR4	10/19/2019 11:36	28.55	94.0	6.55	4.2	SR4	10/19/2019 17:36	28.73	89.8	6.28	3.2	SR4	10/19/2019 23:36	28.49	82.5	5.74	4.5
SR4	10/19/2019 5:41	28.48	82.1	5.71	3.5	SR4	10/19/2019 11:41	28.55	94.8	6.61	6.5	SR4	10/19/2019 17:41	28.75	88.0	6.14	3.0	SR4	10/19/2019 23:41	28.49	83.5	5.81	6.3
SR4	10/19/2019 5:46	28.48	82.5	5.74	4.7	SR4	10/19/2019 11:46	28.54	93.3	6.50	5.6	SR4	10/19/2019 17:46	28.75	87.7	6.13	2.2	SR4	10/19/2019 23:46	28.49	80.4	5.62	3.6
SR4	10/19/2019 5:51	28.47	82.2	5.71	4.5	SR4	10/19/2019 11:51	28.52	92.1	6.43	6.1	SR4	10/19/2019 17:51	28.74	87.5	6.11	2.7	SR4	10/19/2019 23:51	28.41	75.3	5.27	2.4
SR4	10/19/2019 5:56	28.48	82.5	5.74	5.6	SR4	10/19/2019 11:56	28.61	93.3	6.50	4.5	SR4	10/19/2019 17:56	28.73	84.3	5.89	1.9	SR4	10/19/2019 23:56	28.46	81.3	5.69	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)
SR5	10/19/2019 0:00	28.58	79.4	5.57	3.1	SR5	10/19/2019 6:00	28.28	84.9	5.55	3.3	SR5	10/19/2019 12:00	28.60	86.6	5.82	4.3	SR5	10/19/2019 18:00	28.69	92.8	6.24	3.2
SR5	10/19/2019 0:05	28.58	78.3	5.49	3.3	SR5	10/19/2019 6:05	28.31	85.6	5.60	3.6	SR5	10/19/2019 12:05	28.60	86.3	5.81	3.6	SR5	10/19/2019 18:05	28.71	92.8	6.24	3.9
SR5	10/19/2019 0:10	28.58	82.5	5.81	3.7	SR5	10/19/2019 6:10	28.29	84.5	5.52	3.7	SR5	10/19/2019 12:10	28.61	86.1	5.79	4.2	SR5	10/19/2019 18:10	28.77	94.1	6.33	4.2
SR5	10/19/2019 0:15	28.57	82.5	5.80	3.2	SR5	10/19/2019 6:15	28.28	85.0	5.56	5.6	SR5	10/19/2019 12:15	28.61	85.8	5.76	4.2	SR5	10/19/2019 18:15	28.74	93.9	6.31	4.1
SR5	10/19/2019 0:20	28.56	82.0	5.76	3.5	SR5	10/19/2019 6:20	28.28	85.2	5.58	3.6	SR5	10/19/2019 12:20	28.58	85.3	5.73	5.0	SR5	10/19/2019 18:20	28.76	93.3	6.27	4.3
SR5	10/19/2019 0:25	28.54	80.6	5.65	3.6	SR5	10/19/2019 6:25	28.30	84.3	5.52	3.3	SR5	10/19/2019 12:25	28.59	85.6	5.75	4.3	SR5	10/19/2019 18:25	28.74	93.4	6.27	4.1
SR5	10/19/2019 0:30	28.52	81.3	5.71	3.5	SR5	10/19/2019 6:30	28.31	83.5	5.46	3.1	SR5	10/19/2019 12:30	28.58	84.9	5.70	4.2	SR5	10/19/2019 18:30	28.73	92.8	6.24	3.5
SR5	10/19/2019 0:35	28.56	81.5	5.72	3.3	SR5	10/19/2019 6:35	28.31	83.0	5.43	3.1	SR5	10/19/2019 12:35	28.56	84.7	5.69	4.3	SR5	10/19/2019 18:35	28.71	92.8	6.24	3.3
SR5	10/19/2019 0:40	28.55	81.8	5.74	3.9	SR5	10/19/2019 6:40	28.31	83.6	5.46	2.6	SR5	10/19/2019 12:40	28.54	85.1	5.71	4.3	SR5	10/19/2019 18:40	28.71	92.4	6.22	3.8
SR5	10/19/2019 0:45	28.55	80.8	5.67	3.2	SR5	10/19/2019 6:45	28.32	84.0	5.50	2.7	SR5	10/19/2019 12:45	28.55	85.1	5.71	4.9	SR5	10/19/2019 18:45	28.71	92.9	6.25	3.9
SR5	10/19/2019 0:50	28.55	81.4	5.71	3.3	SR5	10/19/2019 6:50	28.33	84.7	5.54	2.6	SR5	10/19/2019 12:50	28.55	84.8	5.69	5.5	SR5	10/19/2019 18:50	28.71	91.8	6.17	3.7
SR5	10/19/2019 0:55	28.54	84.2	5.92	5.0	SR5	10/19/2019 6:55	28.33	84.1	5.50	2.7	SR5	10/19/2019 12:55	28.55	84.4	5.67	4.9	SR5	10/19/2019 18:55	28.70	92.2	6.19	4.0
SR5	10/19/2019 1:00	28.54	83.5	5.87	3.8	SR5	10/19/2019 7:00	28.33	84.2	5.51	2.9	SR5	10/19/2019 13:00	28.54	84.3	5.65	5.6	SR5	10/19/2019 19:00	28.70	91.7	6.16	4.8
SR5	10/19/2019 1:05	28.54	83.3	5.85	4.1	SR5	10/19/2019 7:05	28.32	83.5	5.46	2.8	SR5	10/19/2019 13:05	28.57	84.4	5.67	6.4	SR5	10/19/2019 19:05	28.70	92.1	6.19	2.9
SR5	10/19/2019 1:10	28.54	84.1	5.91	4.0	SR5	10/19/2019 7:10	28.31	83.5	5.46	2.7	SR5	10/19/2019 13:10	28.54	84.5	5.68	5.6	SR5	10/19/2019 19:10	28.70	91.8	6.17	3.7
SR5	10/19/2019 1:15	28.54	84.1	5.93	3.6	SR5	10/19/2019 7:15	28.33	83.2	5.43	2.7	SR5	10/19/2019 13:15	28.55	85.4	5.73	4.7	SR5	10/19/2019 19:15	28.68	92.6	6.23	3.8
SR5	10/19/2019 1:20	28.54	84.7	5.97	3.4	SR5	10/19/2019 7:20	28.32	83.5	5.46	2.7	SR5	10/19/2019 13:20	28.55	85.5	5.74	5.6	SR5	10/19/2019 19:20	28.70	91.3	6.14	4.5
SR5	10/19/2019 1:25	28.54	82.3	5.78	3.3	SR5	10/19/2019 7:25	28.33	83.4	5.45	2.9	SR5	10/19/2019 13:25	28.53	85.1	5.72	6.2	SR5	10/19/2019 19:25	28.70	90.5	6.08	3.5
SR5	10/19/2019 1:30	28.54	80.9	5.68	3.5	SR5	10/19/2019 7:30	28.33	83.3	5.45	2.8	SR5	10/19/2019 13:30	28.53	84.4	5.67	6.1	SR5	10/19/2019 19:30	28.67	90.8	6.12	4.6
SR5	10/19/2019 1:35	28.54	83.4	5.87	3.9	SR5	10/19/2019 7:35	28.33	83.1	5.43	2.8	SR5	10/19/2019 13:35	28.51	84.0	5.64	4.5	SR5	10/19/2019 19:35	28.69	90.6	6.09	2.8
SR5	10/19/2019 1:40	28.53	81.9	5.76	4.3	SR5	10/19/2019 7:40	28.40	84.0	5.48	2.7	SR5	10/19/2019 13:40	28.50	84.2	5.65	5.0	SR5	10/19/2019 19:40	28.70	90.9	6.12	4.8
SR5	10/19/2019 1:45	28.50	82.3	5.79	3.1	SR5	10/19/2019 7:45	28.40	85.0	5.55	2.9	SR5	10/19/2019 13:45	28.51	83.7	5.62	5.7	SR5	10/19/2019 19:45	28.70	91.8	6.18	3.4
SR5	10/19/2019 1:50	28.52	83.6	5.89	3.1	SR5	10/19/2019 7:50	28.38	83.6	5.46	3.1	SR5	10/19/2019 13:50	28.50	83.8	5.63	4.4	SR5	10/19/2019 19:50	28.70	90.4	6.08	3.8
SR5	10/19/2019 1:55	28.52	81.4	5.73	3.2	SR5	10/19/2019 7:55	28.33	83.1	5.43	3.0	SR5	10/19/2019 13:55	28.50	84.0	5.63	5.4	SR5	10/19/2019 19:55	28.69	92.0	6.19	5.2
SR5	10/19/2019 2:00	28.52	81.7	5.75	3.1	SR5	10/19/2019 8:00	28.40	83.5	5.45	3.0	SR5	10/19/2019 14:00	28.51	83.5	5.61	5.3	SR5	10/19/2019 20:00	28.71	89.9	6.05	3.5
SR5	10/19/2019 2:05	28.53	80.9	5.24	3.0	SR5	10/19/2019 8:05	28.41	83.0	5.41	3.2	SR5	10/19/2019 14:05	28.51	83.5	5.60	4.8	SR5	10/19/2019 20:05	28.68	90.9	6.12	3.7
SR5	10/19/2019 2:10	28.52	81.1	5.28	2.8	SR5	10/19/2019 8:10	28.41	83.7	5.46	3.0	SR5	10/19/2019 14:10	28.51	84.1	5.64	4.4	SR5	10/19/2019 20:10	28.67	90.4	6.08	4.3
SR5	10/19/2019 2:15	28.53	80.8	5.24	3.1	SR5	10/19/2019 8:15	28.42	84.0	5.48	2.9	SR5	10/19/2019 14:15	28.51	83.1	5.58	4.0	SR5	10/19/2019 20:15	28.69	90.9	6.12	3.9
SR5	10/19/2019 2:20	28.53	80.8	5.25	3.3	SR5	10/19/2019 8:20	28.42	83.3	5.44	3.0	SR5	10/19/2019 14:20	28.52	83.8	5.62	4.6	SR5	10/19/2019 20:20	28.68	91.5	6.15	4.3
SR5	10/19/2019 2:25	28.52	81.4	5.29	3.3	SR5	10/19/2019 8:25	28.42	83.2	5.43	2.9	SR5	10/19/2019 14:25	28.52	83.8	5.62	4.8	SR5	10/19/2019 20:25	28.66	90.0	6.05	4.4
SR5	10/19/2019 2:30	28.54	80.9	5.25	3.2	SR5	10/19/2019 8:30	28.43	84.3	5.50	3.0	SR5	10/19/2019 14:30	28.52	84.3	5.65	5.0	SR5	10/19/2019 20:30	28.67	88.9	5.98	4.0
SR5	10/19/2019 2:35	28.53	81.1	5.27	3.0	SR5	10/19/2019 8:35	28.43	83.0	5.42	2.8	SR5	10/19/2019 14:35	28.51	84.2	5.64	3.3	SR5	10/19/2019 20:35	28.67	89.9	6.05	3.5
SR5	10/19/2019 2:40	28.51	81.1	5.25	3.0	SR5	10/19/2019 8:40	28.43	83.6	5.45	2.9	SR5	10/19/2019 14:40	28.51	83.5	5.60	5.7	SR5	10/19/2019 20:40	28.66	89.8	6.04	3.5
SR5	10/19/2019 2:45	28.43	82.8	5.36	3.1	SR5	10/19/2019 8:45	28.43	83.5	5.45	2.9	SR5	10/19/2019 14:45	28.50	84.1	5.63	5.3	SR5	10/19/2019 20:45	28.67	89.7	6.03	3.7
SR5	10/19/2019 2:50	28.44	82.7	5.36	3.1	SR5	10/19/2019 8:50	28.43	83.1	5.42	2.9	SR5	10/19/2019 14:50	28.51	83.4	5.60	5.1	SR5	10/19/2019 20:50	28.66	88.5	5.95	4.1
SR5	10/19/2019 2:55	28.39	82.8	5.38	2.9	SR5	10/19/2019 8:55	28.43	82.8	5.40	4.7	SR5	10/19/2019 14:55	28.53	83.4	5.60	4.4	SR5	10/19/2019 20:55	28.64	89.1	6.01	4.1
SR5	10/19/2019 3:00	28.42	81.8	5.31	4.3	SR5	10/19/2019 9:00	28.43	84.0	5.48	3.9	SR5	10/19/2019 15:00	28.63	86.9	5.83	5.3	SR5	10/19/2019 21:00	28.64	88.7	5.97	3.8
SR5	10/19/2019 3:05	28.44	82.6	5.35	3.9	SR5	10/19/2019 9:05	28.43	82.9	5.41	5.4	SR5	10/19/2019 15:05	28.65	87.0	5.83	4.8	SR5	10/19/2019 21:05	28.64	88.9	5.98	4.6
SR5	10/19/2019 3:10	28.45	82.2	5.35	3.4	SR5	10/19/2019 9:10	28.43	83.9	5.47	4.8	SR5	10/19/2019 15:10	28.60	86.8	5.82	4.2	SR5	10/19/2019 21:10	28.63	88.7	5.97	6.0
SR5	10/19/2019 3:15	28.32	84.4	5.52	5.4	SR5	10/19/2019 9:15	28.44	84.1	5.49	5.4	SR5	10/19/2019 15:15	28.59	86.8	5.82	4.2	SR5	10/19/2019 21:15	28.62	88.7	5.96	4.1
SR5	10/19/2019 3:20	28.37	83.8	5.47	3.4	SR5	10/19/2019 9:20	28.45	83.5	5.45	3.7	SR5	10/19/2019 15:20	28.60	86.7	5.82	5.3	SR5	10/19/2019 21:20	28.62	88.4	5.95	3.7
SR5	10/19/2019 3:25	28.37	83.7	5.46	3.9	SR5	10/19/2019 9:25	28.43	83.9	5.48	3.4	SR5	10/19/2019 15:25	28.63	87.3	5.86	4.6	SR5	10/19/2019 21:25	28.61	87.2	5.86	3.6
SR5	10/19/2019 3:30	28.40	84.1	5.48	4.3	SR5	10/19/2019 9:30	28.45	83.2	5.45	3.4	SR5	10/19/2019 15:30	28.64	87.9	5.90	4.5	SR5	10/19/2019 21:30	28.61	86.9	5.85	2.8
SR5	10/19/2019 3:35	28.41	83.5	5.45	3.3	SR5	10/19/2019 9:35	28.47	84.3	5.52	4.6	SR5	10/19/2019 15:35	28.65	87.8	5.89	5.0	SR5	10/19/2019 21:35	28.60	88.2	5.93	3.0
SR5	10/19/2019 3:40	28.43	83.2	5.40	3.2	SR5	10/19/2019 9:40	28.47	83.9	5.48	3.8	SR5	10/19/2019 15:40	28.65	87.8	5.89	4.7	SR5	10/19/2019 21:40	28.60	86.4	5.81	3.2
SR5	10/19/2019 3:45	28.44	83.2	5.40	3.2	SR5	10/19/2019 9:45	28.47	83.3	5.45	3.7	SR5	10/19/2019 15:45	28.64	87.5	5.86	5.8	SR5	10/19/2019 21:45	28.59	86.5	5.81	4.1
SR5	10/19/2019 3:50	28.42	83.8	5.44	3.3	SR5	10/19/2019 9:50	28.47	83.0	5.41	3.7	SR5	10/19/2019 15:50	28.64	87.6	5.87	4.8	SR5	10/19/2019 21:50	28.57	86.1	5.79	3.5
SR5	10/19/2019 3:55	28.40	83.8	5.44	3.5	SR5	10/19/2019 9:55	28.48	83.2	5.42	4.1	SR5	10/19/2019 15:55	28.64	87.3	5.86	5.0	SR5	10/19/2019 21:55	28.58	85.1	5.72	4.0
SR5	10/19/2019 4:00	28.41	84.3	5.48	3.3	SR5	10/19/2019 10:00	28.48	83.0	5.41	4.7	SR5	10/19/2019 16:00	28.64	89.0	5.97	5.5	SR5	10/19/2019 22:00	28.57	85.5	5.74	4.4
SR5	10/19/2019 4:05	28.42	84.4	5.49	4.7	SR5	10/19/2019 10:05	28.47	83.2	5.42	4.5	SR5	10/19/2019 16:05	28.65	88.6	5.95	4.7	SR5	10/19/2019 22:05	28.56	85.2	5.73	3.7
SR5	10/19/2019 4:10	28.42	83.7	5.44	5.7	SR5	10/19/2019 10:10	28.48	83.0	5.41	4.3	SR5	10/19/2019 16:10	28.65	88.7	5.95	4.9	SR5	10/19/2019 22:10	28.56	85.1	5.72	5.1
SR5	10/19/2019 4:15	28.41	84.9	5.52	3.9	SR5	10/19/2019 10:15	28.48	83.0	5.41	3.7	SR5	10/19/2019 16:15	28.63	90.1	6.05	4.7	SR5	10/19/2019 22:15	28.56	84.5	5.68	7.6
SR5	10/19/2019 4:20	28.42	83.8	5.48	3.2	SR5	10/19/2019 10:20	28.50	83.0	5.40	4.1	SR5	10/19/2019 16:20	28.63	88.1	5.92	6.6	SR5	10/19/2019 22:20	28.55	84.6	5.68	4.6
SR5	10/19/2019 4:25	28.42	84.3	5.52	3.6	SR5	10/19/2019 10:25	28.49	87.7	5.92	4.0	SR5	10/19/2019 16:25	28.63	88.7	5.95	5.1	SR5	10/19/2019 22:25	28.55	84.6	5.68	3.7
SR5	10/19/2019 4:30	28.41	84.8	5.55	3.6	SR5	10/19/2019 10:30	28.48	87.2	5.90	4.4	SR5	10/19/2019 16:30	28.63	88.3	5.93	10.7	SR5	10/19/2019 22:30	28.54	84.7	5.69	3.5
SR5	10/19/2019 4:35	28.44	84.4	5.53	3.3	SR5	10/19/2019 10:35	28.49	88.1	5.95	4.6	SR5	10/19/2019 16:35	28.63	88.5	5.95	4.9	SR5	10/19/2019 22:35	28.54	84.7	5.69	4.5
SR5	10/19/2019 4:40	28.35	84.4	5.53	2.7	SR5	10/19/2019 10:40	28.52	87.7	5.92	5.1	SR5	10/19/2019 16:40	28.63	87.8	5.90	4.5	SR5	10/19/2019 22:40	28.54	84.5	5.67	2.8
SR5	10/19/2019 4:45	28.37	84.0	5.50	2.9	SR5	10/19/2019 10:45	28.53	87.7	5.92	4.2	SR5	10/19/2019 16:45	28.63	87.8	5.90	4.5	SR5	10/19/2019 22:45	28.54	83.3	5.59	3.7
SR5	10/19/2019 4:50	28.34	84.9	5.56	2.7	SR5	10/19/2019 10:50	28.49	87.8	5.94	4.0	SR5	10/19/2019 16:50	28.62	88.4	5.94	4.5	SR5	10/19/2019 22:50	28.53	84.1	5.64	3.4
SR5	10/19/2019 4:55	28.35	84.7	5.54	3.4	SR5	10/19/2019 10:55	28.51	88.6	5.98	3.5	SR5	10/19/2019 16:55	28.61	88.0	5.92	3.4	SR5	10/19/2019 22:55	28.54	82.5	5.53	5.3
SR5	10/19/2019 5:00	28.37	84.3	5.51	3.9	SR5	10/19/2019 11:00	28.51	87.2	5.89	4.9	SR5	10/19/2019 17:00	28.62	88.3	5.94	4.5	SR5	10/19/2019 23:00	28.54	82.2	5.51	2.8
SR5	10/19/2019 5:05	28.42	83.4	5.44	2.8	SR5	10/19/2019 11:05	28.52	86.4	5.82	4.2	SR5	10/19/2019 17:05	28.62	88.7	5.96	3.9	SR5	10/19/2019 23:05	28.53	84.1	5.64	4.1
SR5	10/19/2019 5:10	28.36	84.3	5.54	3.4	SR5	10/19/2019 11:10	28.52	86.2	5.82	4.3	SR5	10/19/2019 17:10	28.61	89.0	5.98	3.8	SR5	10/19/2019 23:10	28.53	83.3	5.59	3.0
SR5	10/19/2019 5:15	28.36	84.4	5.54	3.0	SR5	10/19/2019 11:15	28.53	85.8	5.79	4.1	SR5	10/19/2019 17:15	28.60	89.7	6.04	3.6	SR5	10/19/2019 23:15	28.52	84.0	5.63	3.7
SR5	10/19/2019 5:20	28.39	84.2	5.52	3.4	SR5	10/19/2019 11:20	28.54	87.3	5.90	3.8	SR5	10/19/2019 17:20	28.61	89.5	6.02	4.1	SR5	10/19/2019 23:20	28.52	83.6	5.61	3.2
SR5	10/19/2019 5:25	28.37	83.5	5.45	3.5	SR5	10/19/2019 11:25	28.55	87.6	5.90	4.8	SR5	10/19/2019 17:25	28.60	89.0	6.00	6.2	SR5	10/19/2019 23:25	28.53	81.7	5.48	3.7
SR5	10/19/2019 5:30	28.39	83.4	5.43	3.1	SR5	10/19/2019 11:30	28.57	86.8	5.84	4.4	SR5	10/19/2019 17:30	28.59	91.7	6.18	4.4	SR5	10/19/2019 23:30	28.52	82.8	5.56	4.9
SR5	10/19/2019 5:35	28.35	83.9	5.48	3.1	SR5	10/19/2019 11:35	28.56	86.9	5.85	4.6	SR5	10/19/2019 17:35	28.59	91.6	6.17	4.3	SR5	10/19/2019 23:35	28.53	81.9	5.50	4.2
SR5	10/19/2019 5:40	28.35	84.8	5.53	3.6	SR5	10/19/2019 11:40	28.57	86.6	5.83	4.2	SR5	10/19/2019 17:40	28.59	91.5	6.16	3.7	SR5	10/19/2019 23:40	28.53	82.5	5.53	3.9
SR5	10/19/2019 5:45	28.29	85.1	5.56	3.4	SR5	10/19/2019 11:45	28.55	86.2	5.80	3.7	SR5	10/19/2019 17:45	28.59	90.9	6.13	4.1	SR5	10/19/2019 23:45	28.52	82.8	5.56	4.8
SR5	10/19/2019 5:50	28.31	85.0	5.56	2.8	SR5	10/19/2019 11:50	28.58	86.5	5.82	3.8	SR5	10/19/2019 17:50	28.62	90.3	6.08	4.8	SR5	10/19/2019 23:50	28.52	82.5	5.53	4.3
SR5	10/19/2019 5:55	28.29	85.3	5.58	3.3	SR5	10/19/2019 11:55	28.58	86.1	5.79	3.6	SR5	10/19/2019 17:55	28.67	92.6	6.24	4.2	SR5	10/19/2019 23:55	28.52	82.7	5.54	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	10/19/2019 0:01	28.29	86.4	5.88	5.0	SR12	10/19/2019 6:01	28.29	82.4	5.58	3.5	SR12	10/19/2019 12:01	28.10	97.9	6.78	4.6	SR12	10/19/2019 18:01	28.32	92.8	6.77	4.0
SR12	10/19/2019 0:06	28.28	86.5	5.88	5.9	SR12	10/19/2019 6:06	28.28	82.1	5.58	4.1	SR12	10/19/2019 12:06	28.12	99.0	6.87	4.5	SR12	10/19/2019 18:06	28.33	90.8	6.23	5.1
SR12	10/19/2019 0:11	28.27	86.8	5.90	5.3	SR12	10/19/2019 6:11	28.27	81.6	5.54	3.8	SR12	10/19/2019 12:11	28.11	98.6	6.82	5.0	SR12	10/19/2019 18:11	28.33	91.9	6.32	4.2
SR12	10/19/2019 0:16	28.26	86.9	5.91	4.9	SR12	10/19/2019 6:16	28.26	82.2	5.59	3.8	SR12	10/19/2019 12:16	28.12	99.1	6.87	4.1	SR12	10/19/2019 18:16	28.32	89.4	6.14	3.6
SR12	10/19/2019 0:21	28.26	86.5	5.86	4.9	SR12	10/19/2019 6:21	28.26	81.4	5.52	3.7	SR12	10/19/2019 12:21	28.15	99.5	6.87	4.6	SR12	10/19/2019 18:21	28.36	90.7	6.23	3.4
SR12	10/19/2019 0:26	28.28	86.5	5.90	4.8	SR12	10/19/2019 6:26	28.23	82.1	5.58	5.2	SR12	10/19/2019 12:26	28.13	99.4	6.89	4.3	SR12	10/19/2019 18:26	28.34	90.4	6.21	3.3
SR12	10/19/2019 0:31	28.28	86.9	5.91	4.0	SR12	10/19/2019 6:31	28.23	83.7	5.68	7.4	SR12	10/19/2019 12:31	28.15	100.3	6.94	4.8	SR12	10/19/2019 18:31	28.36	87.9	6.04	3.0
SR12	10/19/2019 0:36	28.27	87.1	5.93	4.8	SR12	10/19/2019 6:36	28.22	83.1	5.65	3.9	SR12	10/19/2019 12:36	28.17	100.5	6.95	4.3	SR12	10/19/2019 18:36	28.35	88.2	6.06	3.0
SR12	10/19/2019 0:41	28.28	85.6	5.84	5.8	SR12	10/19/2019 6:41	28.14	78.9	5.38	3.4	SR12	10/19/2019 12:41	28.18	97.6	6.74	4.9	SR12	10/19/2019 18:41	28.33	90.2	6.19	3.5
SR12	10/19/2019 0:46	28.24	87.5	5.93	6.3	SR12	10/19/2019 6:46	28.21	82.2	5.57	3.9	SR12	10/19/2019 12:46	28.19	97.3	6.71	4.5	SR12	10/19/2019 18:46	28.30	88.9	6.10	2.7
SR12	10/19/2019 0:51	28.26	86.5	5.90	5.2	SR12	10/19/2019 6:51	28.17	78.3	5.31	3.0	SR12	10/19/2019 12:51	28.19	94.8	6.55	5.1	SR12	10/19/2019 18:51	28.31	91.7	6.32	4.2
SR12	10/19/2019 0:56	28.24	87.8	5.98	5.6	SR12	10/19/2019 6:56	28.15	72.9	4.95	2.1	SR12	10/19/2019 12:56	28.21	96.1	6.63	4.4	SR12	10/19/2019 18:56	28.30	89.2	6.13	3.5
SR12	10/19/2019 1:01	28.23	86.6	5.88	5.8	SR12	10/19/2019 7:01	28.20	77.9	5.30	3.2	SR12	10/19/2019 13:01	28.19	94.6	6.54	6.1	SR12	10/19/2019 19:01	28.30	88.5	6.08	3.5
SR12	10/19/2019 1:06	28.22	87.2	5.93	7.0	SR12	10/19/2019 7:06	28.21	81.1	5.53	3.4	SR12	10/19/2019 13:06	28.17	90.4	6.21	5.6	SR12	10/19/2019 19:06	28.29	89.7	6.17	3.0
SR12	10/19/2019 1:11	28.21	86.9	5.90	4.9	SR12	10/19/2019 7:11	28.20	77.6	5.30	2.8	SR12	10/19/2019 13:11	28.18	93.2	6.43	6.7	SR12	10/19/2019 19:11	28.27	89.4	6.16	4.1
SR12	10/19/2019 1:16	28.21	86.4	5.88	4.8	SR12	10/19/2019 7:16	28.22	82.1	5.59	3.1	SR12	10/19/2019 13:16	28.17	94.5	6.52	6.1	SR12	10/19/2019 19:16	28.29	83.9	5.71	2.6
SR12	10/19/2019 1:21	28.19	86.6	5.91	5.6	SR12	10/19/2019 7:21	28.23	83.9	5.73	4.4	SR12	10/19/2019 13:21	28.17	93.4	6.46	6.3	SR12	10/19/2019 19:21	28.30	90.0	6.19	2.8
SR12	10/19/2019 1:26	28.19	86.0	5.83	6.0	SR12	10/19/2019 7:26	28.19	81.4	5.56	3.4	SR12	10/19/2019 13:26	28.18	89.8	6.15	6.2	SR12	10/19/2019 19:26	28.31	87.9	6.03	3.1
SR12	10/19/2019 1:31	28.17	86.5	5.89	4.5	SR12	10/19/2019 7:31	28.20	79.8	5.46	4.0	SR12	10/19/2019 13:31	28.18	94.7	6.53	6.3	SR12	10/19/2019 19:31	28.31	88.4	6.07	2.5
SR12	10/19/2019 1:36	28.18	86.3	5.85	5.3	SR12	10/19/2019 7:36	28.21	79.8	5.43	3.5	SR12	10/19/2019 13:36	28.18	95.4	6.59	6.6	SR12	10/19/2019 19:36	28.31	88.7	6.10	2.6
SR12	10/19/2019 1:41	28.18	87.1	5.92	7.4	SR12	10/19/2019 7:41	28.22	79.4	5.40	2.8	SR12	10/19/2019 13:41	28.22	94.5	6.53	4.7	SR12	10/19/2019 19:41	28.31	89.1	6.12	3.1
SR12	10/19/2019 1:46	28.25	85.8	5.82	4.4	SR12	10/19/2019 7:46	28.23	81.5	5.57	3.9	SR12	10/19/2019 13:46	28.19	93.6	6.45	5.5	SR12	10/19/2019 19:46	28.29	87.5	6.04	4.1
SR12	10/19/2019 1:51	28.24	86.5	5.89	**17.0**	SR12	10/19/2019 7:51	28.22	79.9	5.47	3.3	SR12	10/19/2019 13:51	28.19	92.6	6.39	7.4	SR12	10/19/2019 19:51	28.33	92.0	6.36	3.5
SR12	10/19/2019 1:56	28.24	85.8	5.83	4.7	SR12	10/19/2019 7:56	28.24	81.8	5.58	3.6	SR12	10/19/2019 13:56	28.20	94.8	6.54	6.6	SR12	10/19/2019 19:56	28.35	89.7	6.17	3.6
SR12	10/19/2019 2:01	28.24	85.0	5.79	4.9	SR12	10/19/2019 8:01	28.23	80.3	5.49	3.2	SR12	10/19/2019 14:01	28.20	94.4	6.51	6.7	SR12	10/19/2019 20:01	28.36	89.7	6.17	4.4
SR12	10/19/2019 2:06	28.26	85.9	5.86	5.1	SR12	10/19/2019 8:06	28.24	80.7	5.52	3.3	SR12	10/19/2019 14:06	28.24	89.8	6.13	5.6	SR12	10/19/2019 20:06	28.37	88.5	6.06	3.5
SR12	10/19/2019 2:11	28.27	84.6	5.76	5.1	SR12	10/19/2019 8:11	28.25	80.8	5.52	3.5	SR12	10/19/2019 14:11	28.20	94.3	6.50	7.4	SR12	10/19/2019 20:11	28.33	88.9	6.13	4.3
SR12	10/19/2019 2:16	28.26	85.3	5.81	4.1	SR12	10/19/2019 8:16	28.25	82.2	5.61	5.5	SR12	10/19/2019 14:16	28.22	95.3	6.57	5.8	SR12	10/19/2019 20:16	28.38	90.5	6.22	5.1
SR12	10/19/2019 2:21	28.28	84.8	5.79	4.4	SR12	10/19/2019 8:21	28.23	81.1	5.54	2.9	SR12	10/19/2019 14:21	28.22	96.6	6.67	4.8	SR12	10/19/2019 20:21	28.38	91.0	6.26	4.7
SR12	10/19/2019 2:26	28.27	85.1	5.79	3.7	SR12	10/19/2019 8:26	28.24	80.3	5.49	3.7	SR12	10/19/2019 14:26	28.21	95.8	6.60	5.8	SR12	10/19/2019 20:26	28.39	90.7	6.24	4.6
SR12	10/19/2019 2:31	28.27	85.2	5.79	4.4	SR12	10/19/2019 8:31	28.24	80.4	5.49	3.4	SR12	10/19/2019 14:31	28.22	94.9	6.53	6.2	SR12	10/19/2019 20:31	28.38	91.3	6.29	4.5
SR12	10/19/2019 2:36	28.27	83.5	5.68	4.0	SR12	10/19/2019 8:36	28.25	80.6	5.51	3.5	SR12	10/19/2019 14:36	28.22	98.0	6.79	6.3	SR12	10/19/2019 20:36	28.38	89.6	6.16	4.3
SR12	10/19/2019 2:41	28.28	85.6	5.80	4.7	SR12	10/19/2019 8:41	28.25	79.6	5.44	3.4	SR12	10/19/2019 14:41	28.20	95.3	6.57	6.4	SR12	10/19/2019 20:41	28.38	92.2	6.34	4.9
SR12	10/19/2019 2:46	28.26	86.6	5.89	9.7	SR12	10/19/2019 8:46	28.25	78.2	5.32	2.9	SR12	10/19/2019 14:46	28.19	93.7	6.45	5.8	SR12	10/19/2019 20:46	28.38	89.6	6.15	4.5
SR12	10/19/2019 2:51	28.26	85.8	5.81	5.1	SR12	10/19/2019 8:51	28.25	81.3	5.54	5.5	SR12	10/19/2019 14:51	28.21	94.4	6.51	5.4	SR12	10/19/2019 20:51	28.38	90.0	6.18	4.4
SR12	10/19/2019 2:56	28.26	84.7	5.74	4.2	SR12	10/19/2019 8:56	28.25	81.9	5.56	3.0	SR12	10/19/2019 14:56	28.23	96.6	6.66	6.2	SR12	10/19/2019 20:56	28.39	94.0	6.49	3.4
SR12	10/19/2019 3:01	28.26	84.7	5.75	4.6	SR12	10/19/2019 9:01	28.26	82.0	5.58	3.6	SR12	10/19/2019 15:01	28.23	94.7	6.54	5.5	SR12	10/19/2019 21:01	28.37	90.6	6.21	3.1
SR12	10/19/2019 3:06	28.26	83.8	5.68	3.9	SR12	10/19/2019 9:06	28.26	84.9	5.79	4.2	SR12	10/19/2019 15:06	28.22	94.9	6.53	5.2	SR12	10/19/2019 21:06	28.36	90.9	6.26	3.7
SR12	10/19/2019 3:11	28.26	87.8	5.96	5.3	SR12	10/19/2019 9:11	28.26	85.1	5.80	4.6	SR12	10/19/2019 15:11	28.22	95.8	6.62	6.9	SR12	10/19/2019 21:11	28.37	90.2	6.20	4.1
SR12	10/19/2019 3:16	28.24	87.1	5.93	5.4	SR12	10/19/2019 9:16	28.26	85.3	5.85	4.9	SR12	10/19/2019 15:16	28.21	94.4	6.50	6.1	SR12	10/19/2019 21:16	28.37	89.0	6.11	3.1
SR12	10/19/2019 3:21	28.23	86.1	5.85	3.9	SR12	10/19/2019 9:21	28.25	85.2	5.80	4.6	SR12	10/19/2019 15:21	28.19	94.2	6.49	7.0	SR12	10/19/2019 21:21	28.36	90.2	6.21	3.5
SR12	10/19/2019 3:26	28.23	87.1	5.92	4.5	SR12	10/19/2019 9:26	28.26	85.1	5.80	6.3	SR12	10/19/2019 15:26	28.26	94.3	6.47	5.2	SR12	10/19/2019 21:26	28.35	87.8	6.03	2.5
SR12	10/19/2019 3:31	28.24	86.3	5.87	4.7	SR12	10/19/2019 9:31	28.26	86.0	5.85	5.8	SR12	10/19/2019 15:31	28.23	92.7	6.36	6.4	SR12	10/19/2019 21:31	28.32	90.2	6.20	4.5
SR12	10/19/2019 3:36	28.23	85.8	5.85	4.0	SR12	10/19/2019 9:36	28.25	85.7	5.83	4.3	SR12	10/19/2019 15:36	28.23	93.8	6.47	6.2	SR12	10/19/2019 21:36	28.32	89.2	6.14	3.0
SR12	10/19/2019 3:41	28.24	84.2	5.73	4.4	SR12	10/19/2019 9:41	28.25	86.0	5.87	5.8	SR12	10/19/2019 15:41	28.23	92.6	6.38	5.1	SR12	10/19/2019 21:41	28.36	86.8	5.96	3.3
SR12	10/19/2019 3:46	28.22	85.1	5.80	4.0	SR12	10/19/2019 9:46	28.25	86.0	5.84	4.8	SR12	10/19/2019 15:46	28.20	90.5	6.24	5.6	SR12	10/19/2019 21:46	28.37	87.9	6.04	3.7
SR12	10/19/2019 3:51	28.22	85.4	5.83	4.3	SR12	10/19/2019 9:51	28.24	86.6	5.90	5.5	SR12	10/19/2019 15:51	28.22	90.4	6.22	6.6	SR12	10/19/2019 21:51	28.34	87.8	6.04	3.0
SR12	10/19/2019 3:56	28.23	83.7	5.69	3.3	SR12	10/19/2019 9:56	28.24	86.6	5.94	5.4	SR12	10/19/2019 15:56	28.21	90.1	6.20	5.7	SR12	10/19/2019 21:56	28.36	86.7	5.96	3.2
SR12	10/19/2019 4:01	28.24	85.9	5.86	4.7	SR12	10/19/2019 10:01	28.23	86.3	5.89	5.0	SR12	10/19/2019 16:01	28.22	91.1	6.26	5.9	SR12	10/19/2019 22:01	28.37	87.8	6.03	4.6
SR12	10/19/2019 4:06	28.25	85.2	5.79	5.8	SR12	10/19/2019 10:06	28.23	86.4	5.91	5.0	SR12	10/19/2019 16:06	28.22	90.2	6.20	5.2	SR12	10/19/2019 22:06	28.36	90.6	6.23	4.5
SR12	10/19/2019 4:11	28.26	85.4	5.80	4.0	SR12	10/19/2019 10:11	28.22	86.7	5.94	5.3	SR12	10/19/2019 16:11	28.26	91.5	6.31	4.9	SR12	10/19/2019 22:11	28.37	91.3	6.27	3.9
SR12	10/19/2019 4:16	28.25	84.8	5.75	4.0	SR12	10/19/2019 10:16	28.22	86.4	5.89	4.5	SR12	10/19/2019 16:16	28.26	91.1	6.28	5.5	SR12	10/19/2019 22:16	28.37	91.5	6.63	3.6
SR12	10/19/2019 4:21	28.25	83.2	5.64	3.9	SR12	10/19/2019 10:21	28.22	87.3	5.98	4.7	SR12	10/19/2019 16:21	28.26	89.5	6.17	5.9	SR12	10/19/2019 22:21	28.35	88.4	6.08	3.2
SR12	10/19/2019 4:26	28.27	85.1	5.80	4.1	SR12	10/19/2019 10:26	28.22	87.6	5.99	5.1	SR12	10/19/2019 16:26	28.22	91.9	6.49	5.8	SR12	10/19/2019 22:26	28.29	89.2	6.15	2.7
SR12	10/19/2019 4:31	28.25	85.2	5.79	4.9	SR12	10/19/2019 10:31	28.22	87.2	5.99	5.9	SR12	10/19/2019 16:31	28.26	89.7	6.18	6.2	SR12	10/19/2019 22:31	28.32	87.4	6.01	3.0
SR12	10/19/2019 4:36	28.27	85.1	5.78	3.9	SR12	10/19/2019 10:36	28.21	88.0	6.02	6.1	SR12	10/19/2019 16:36	28.26	89.7	6.15	5.4	SR12	10/19/2019 22:36	28.34	84.8	5.83	2.9
SR12	10/19/2019 4:41	28.29	84.7	5.76	4.7	SR12	10/19/2019 10:41	28.08	84.0	5.78	3.8	SR12	10/19/2019 16:41	28.26	90.9	6.25	6.2	SR12	10/19/2019 22:41	28.35	86.2	5.93	3.4
SR12	10/19/2019 4:46	28.29	84.0	5.73	4.8	SR12	10/19/2019 10:46	28.08	85.0	5.84	4.4	SR12	10/19/2019 16:46	28.27	87.8	6.05	4.4	SR12	10/19/2019 22:46	28.36	88.8	6.08	3.3
SR12	10/19/2019 4:51	28.29	85.1	5.79	6.1	SR12	10/19/2019 10:51	28.10	85.3	5.85	5.5	SR12	10/19/2019 16:51	28.25	87.8	6.05	6.0	SR12	10/19/2019 22:51	28.36	92.2	6.33	4.2
SR12	10/19/2019 4:56	28.29	84.3	5.73	4.2	SR12	10/19/2019 10:56	28.11	85.2	5.84	4.5	SR12	10/19/2019 16:56	28.24	87.4	5.99	5.6	SR12	10/19/2019 22:56	28.32	90.5	6.22	6.5
SR12	10/19/2019 5:01	28.29	84.3	5.72	4.1	SR12	10/19/2019 11:01	28.07	85.4	5.85	4.4	SR12	10/19/2019 17:01	28.25	87.1	5.96	5.7	SR12	10/19/2019 23:01	28.31	91.2	6.27	5.2
SR12	10/19/2019 5:06	28.29	84.7	5.76	4.5	SR12	10/19/2019 11:06	28.10	89.0	6.12	5.1	SR12	10/19/2019 17:06	28.25	85.7	5.86	5.7	SR12	10/19/2019 23:06	28.31	90.6	6.23	4.9
SR12	10/19/2019 5:11	28.31	84.6	5.76	4.3	SR12	10/19/2019 11:11	28.12	89.4	6.12	4.7	SR12	10/19/2019 17:11	28.24	86.1	5.89	5.9	SR12	10/19/2019 23:11	28.32	91.8	6.32	5.1
SR12	10/19/2019 5:16	28.31	83.5	5.68	6.6	SR12	10/19/2019 11:16	28.09	89.3	6.12	4.2	SR12	10/19/2019 17:16	28.22	82.3	5.60	4.7	SR12	10/19/2019 23:16	28.29	91.5	6.29	3.8
SR12	10/19/2019 5:21	28.31	83.8	5.70	4.2	SR12	10/19/2019 11:21	28.06	88.8	6.11	4.5	SR12	10/19/2019 17:21	28.22	84.9	5.81	8.1	SR12	10/19/2019 23:21	28.29	91.0	6.25	3.9
SR12	10/19/2019 5:26	28.32	82.4	5.61	4.4	SR12	10/19/2019 11:26	28.10	89.2	6.14	6.3	SR12	10/19/2019 17:26	28.22	85.1	5.82	8.8	SR12	10/19/2019 23:26	28.28	91.6	6.30	3.8
SR12	10/19/2019 5:31	28.33	83.4	5.68	3.9	SR12	10/19/2019 11:31	28.10	90.9	6.25	4.6	SR12	10/19/2019 17:31	28.23	84.3	5.76	**12.9**	SR12	10/19/2019 23:31	28.28	92.0	6.32	5.1
SR12	10/19/2019 5:36	28.32	82.8	5.62	3.6	SR12	10/19/2019 11:36	28.09	92.4	6.36	4.5	SR12	10/19/2019 17:36	28.26	84.9	5.79	6.3	SR12	10/19/2019 23:36	28.30	90.8	6.25	4.3
SR12	10/19/2019 5:41	28.33	83.0	5.65	4.5	SR12	10/19/2019 11:41	28.07	93.5	6.45	3.3	SR12	10/19/2019 17:41	28.30	90.2	6.19	5.0	SR12	10/19/2019 23:41	28.28	90.4	6.22	4.1
SR12	10/19/2019 5:46	28.32	82.8	5.64	5.0	SR12	10/19/2019 11:46	28.08	94.9	6.55	4.9	SR12	10/19/2019 17:46	28.32	90.8	6.23	5.0	SR12	10/19/2019 23:46	28.32	89.5	6.14	4.2
SR12	10/19/2019 5:51	28.32	81.6	5.55	4.0	SR12	10/19/2019 11:51	28.09	96.3	6.66	4.7	SR12	10/19/2019 17:51	28.32	91.1	6.25	5.0	SR12	10/19/2019 23:51	28.29	91.9	6.32	5.2
SR12	10/19/2019 5:56	28.31	80.2	5.44	3.4	SR12	10/19/2019 11:56	28.10	96.0	6.65	4.7	SR12	10/19/2019 17:56	28.33	91.0	6.26	4.2	SR12	10/19/2019 23:56	28.28	90.9	6.24	4.7

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	10/19/2019 0:00	28.11	84.1	5.88	4.8	SR13	10/19/2019 6:00	28.15	83.9	5.89	4.4	SR13	10/19/2019 12:00	27.96	81.9	5.75	4.5	SR13	10/19/2019 18:00	28.02	88.4	6.23	4.8
SR13	10/19/2019 0:05	28.10	83.7	5.85	4.2	SR13	10/19/2019 6:05	28.13	81.9	5.74	5.2	SR13	10/19/2019 12:05	27.94	79.7	5.60	4.2	SR13	10/19/2019 18:05	27.99	87.6	6.17	4.3
SR13	10/19/2019 0:10	28.11	83.4	5.85	5.1	SR13	10/19/2019 6:10	28.12	84.2	5.91	4.8	SR13	10/19/2019 12:10	27.97	81.8	5.74	3.7	SR13	10/19/2019 18:10	27.96	87.8	6.19	5.1
SR13	10/19/2019 0:15	28.11	83.2	5.84	3.7	SR13	10/19/2019 6:15	28.12	83.5	5.87	4.7	SR13	10/19/2019 12:15	27.97	80.9	5.69	4.5	SR13	10/19/2019 18:15	27.95	86.6	6.11	5.2
SR13	10/19/2019 0:20	28.10	83.5	5.86	3.5	SR13	10/19/2019 6:20	28.10	84.0	5.90	5.0	SR13	10/19/2019 12:20	27.96	79.0	5.55	3.0	SR13	10/19/2019 18:20	27.94	87.2	6.14	5.7
SR13	10/19/2019 0:25	28.10	83.9	5.90	3.9	SR13	10/19/2019 6:25	28.09	83.2	5.84	4.4	SR13	10/19/2019 12:25	27.98	80.3	5.65	3.6	SR13	10/19/2019 18:25	27.90	84.8	5.99	3.8
SR13	10/19/2019 0:30	28.13	84.0	5.89	4.8	SR13	10/19/2019 6:30	28.07	83.8	5.88	5.5	SR13	10/19/2019 12:30	27.98	81.1	5.70	4.2	SR13	10/19/2019 18:30	27.91	84.6	5.96	5.5
SR13	10/19/2019 0:35	28.14	84.5	5.93	4.4	SR13	10/19/2019 6:35	28.05	83.6	5.87	4.1	SR13	10/19/2019 12:35	27.97	80.6	5.67	3.6	SR13	10/19/2019 18:35	27.93	85.6	6.04	4.4
SR13	10/19/2019 0:40	28.15	84.3	5.94	3.4	SR13	10/19/2019 6:40	28.05	83.6	5.87	5.2	SR13	10/19/2019 12:40	27.97	81.9	5.75	3.1	SR13	10/19/2019 18:40	27.93	85.7	6.04	5.2
SR13	10/19/2019 0:45	28.16	85.0	5.99	5.0	SR13	10/19/2019 6:45	28.04	84.1	5.91	4.7	SR13	10/19/2019 12:45	27.98	82.1	5.77	4.0	SR13	10/19/2019 18:45	27.91	85.4	6.02	3.8
SR13	10/19/2019 0:50	28.18	84.7	5.97	4.2	SR13	10/19/2019 6:50	28.03	85.9	6.29	4.9	SR13	10/19/2019 12:50	27.97	81.7	5.75	3.2	SR13	10/19/2019 18:50	27.93	85.5	6.02	5.1
SR13	10/19/2019 0:55	28.21	84.9	5.98	3.8	SR13	10/19/2019 6:55	28.02	83.8	5.88	3.6	SR13	10/19/2019 12:55	27.99	81.2	5.71	3.5	SR13	10/19/2019 18:55	27.94	87.2	6.14	6.1
SR13	10/19/2019 1:00	28.20	83.8	5.89	3.3	SR13	10/19/2019 7:00	28.02	84.2	5.92	5.6	SR13	10/19/2019 13:00	27.99	80.8	5.69	4.2	SR13	10/19/2019 19:00	27.93	87.5	6.17	5.8
SR13	10/19/2019 1:05	28.19	83.6	5.89	3.3	SR13	10/19/2019 7:05	28.02	83.7	5.87	4.9	SR13	10/19/2019 13:05	27.99	80.6	5.67	2.8	SR13	10/19/2019 19:05	27.93	86.5	6.10	5.2
SR13	10/19/2019 1:10	28.20	83.9	5.90	3.5	SR13	10/19/2019 7:10	28.05	83.4	5.86	4.9	SR13	10/19/2019 13:10	27.99	80.1	5.63	4.4	SR13	10/19/2019 19:10	27.94	86.9	6.13	6.2
SR13	10/19/2019 1:15	28.18	83.7	5.90	3.7	SR13	10/19/2019 7:15	28.04	83.4	5.86	7.9	SR13	10/19/2019 13:15	28.00	80.7	5.68	3.7	SR13	10/19/2019 19:15	27.94	86.8	6.12	6.2
SR13	10/19/2019 1:20	28.18	84.0	5.91	3.6	SR13	10/19/2019 7:20	28.05	82.8	5.82	4.5	SR13	10/19/2019 13:20	28.01	81.3	5.70	3.2	SR13	10/19/2019 19:20	27.95	88.6	6.25	4.9
SR13	10/19/2019 1:25	28.16	84.2	5.92	4.5	SR13	10/19/2019 7:25	28.03	82.6	5.81	4.5	SR13	10/19/2019 13:25	28.01	80.2	5.63	4.6	SR13	10/19/2019 19:25	27.94	89.0	6.29	5.2
SR13	10/19/2019 1:30	28.15	84.1	5.91	4.6	SR13	10/19/2019 7:30	28.04	83.2	5.84	4.3	SR13	10/19/2019 13:30	28.01	80.9	5.69	3.1	SR13	10/19/2019 19:30	27.97	88.2	6.21	5.5
SR13	10/19/2019 1:35	28.15	85.3	6.00	4.7	SR13	10/19/2019 7:35	28.04	82.6	5.80	4.8	SR13	10/19/2019 13:35	28.02	81.0	5.69	3.1	SR13	10/19/2019 19:35	27.97	89.5	6.31	5.8
SR13	10/19/2019 1:40	28.15	85.0	5.98	3.9	SR13	10/19/2019 7:40	28.04	83.4	5.87	3.5	SR13	10/19/2019 13:40	28.02	81.0	5.69	3.2	SR13	10/19/2019 19:40	27.98	90.0	6.36	3.8
SR13	10/19/2019 1:45	28.15	84.7	5.95	3.7	SR13	10/19/2019 7:45	28.06	82.3	5.78	4.7	SR13	10/19/2019 13:45	28.01	81.4	5.71	3.7	SR13	10/19/2019 19:45	27.98	91.4	6.45	5.0
SR13	10/19/2019 1:50	28.15	85.1	5.99	3.9	SR13	10/19/2019 7:50	28.06	82.6	5.79	4.0	SR13	10/19/2019 13:50	28.01	80.9	5.68	4.1	SR13	10/19/2019 19:50	27.99	91.8	6.48	5.1
SR13	10/19/2019 1:55	28.15	83.4	5.85	3.7	SR13	10/19/2019 7:55	28.06	82.8	5.81	3.8	SR13	10/19/2019 13:55	28.01	80.2	5.63	3.2	SR13	10/19/2019 19:55	28.00	91.7	6.47	5.2
SR13	10/19/2019 2:00	28.15	85.0	5.98	3.4	SR13	10/19/2019 8:00	28.06	82.6	5.80	3.3	SR13	10/19/2019 14:00	28.01	81.0	5.69	4.1	SR13	10/19/2019 20:00	28.00	92.2	6.51	4.9
SR13	10/19/2019 2:05	28.14	84.6	5.94	3.1	SR13	10/19/2019 8:05	28.07	78.7	5.48	5.1	SR13	10/19/2019 14:05	28.01	80.7	5.68	3.8	SR13	10/19/2019 20:05	28.00	91.8	6.48	5.0
SR13	10/19/2019 2:10	28.13	85.6	6.03	4.9	SR13	10/19/2019 8:10	28.06	82.9	5.82	6.0	SR13	10/19/2019 14:10	28.01	79.9	5.60	4.6	SR13	10/19/2019 20:10	27.99	91.0	6.42	5.9
SR13	10/19/2019 2:15	28.12	83.9	5.88	4.6	SR13	10/19/2019 8:15	28.06	81.1	5.68	4.7	SR13	10/19/2019 14:15	28.01	81.5	5.71	6.7	SR13	10/19/2019 20:15	28.01	91.5	6.46	3.4
SR13	10/19/2019 2:20	28.12	85.5	6.01	3.4	SR13	10/19/2019 8:20	28.06	82.5	5.79	4.2	SR13	10/19/2019 14:20	28.01	81.9	5.74	2.6	SR13	10/19/2019 20:20	28.02	92.8	6.55	5.2
SR13	10/19/2019 2:25	28.11	84.9	5.98	4.3	SR13	10/19/2019 8:25	28.07	81.6	5.74	4.6	SR13	10/19/2019 14:25	27.98	80.1	5.62	2.5	SR13	10/19/2019 20:25	28.02	90.5	6.39	4.6
SR13	10/19/2019 2:30	28.13	84.6	5.97	4.3	SR13	10/19/2019 8:30	28.05	82.4	5.78	4.1	SR13	10/19/2019 14:30	28.00	82.1	5.76	4.2	SR13	10/19/2019 20:30	28.02	90.4	6.38	4.6
SR13	10/19/2019 2:35	28.12	83.8	5.88	4.2	SR13	10/19/2019 8:35	28.05	83.0	5.82	5.1	SR13	10/19/2019 14:35	27.98	82.2	5.78	3.0	SR13	10/19/2019 20:35	28.02	89.9	6.36	4.9
SR13	10/19/2019 2:40	28.12	83.7	5.89	3.4	SR13	10/19/2019 8:40	28.05	85.0	5.98	5.4	SR13	10/19/2019 14:40	27.97	79.7	5.62	4.3	SR13	10/19/2019 20:40	28.02	90.1	6.36	5.8
SR13	10/19/2019 2:45	28.12	84.1	5.92	4.1	SR13	10/19/2019 8:45	28.04	82.5	5.79	4.6	SR13	10/19/2019 14:45	27.99	80.5	5.65	4.2	SR13	10/19/2019 20:45	28.01	89.3	6.30	5.9
SR13	10/19/2019 2:50	28.12	83.8	5.89	3.0	SR13	10/19/2019 8:50	28.05	83.2	5.84	4.9	SR13	10/19/2019 14:50	27.99	82.1	5.77	4.6	SR13	10/19/2019 20:50	28.03	88.2	6.21	4.4
SR13	10/19/2019 2:55	28.13	81.8	5.71	4.4	SR13	10/19/2019 8:55	28.05	81.1	5.68	4.4	SR13	10/19/2019 14:55	27.99	80.2	5.63	4.5	SR13	10/19/2019 20:55	28.02	88.0	6.21	6.8
SR13	10/19/2019 3:00	28.12	84.2	5.92	3.7	SR13	10/19/2019 9:00	28.05	82.5	5.79	3.5	SR13	10/19/2019 15:00	27.98	82.7	5.81	3.0	SR13	10/19/2019 21:00	28.01	88.9	6.27	5.4
SR13	10/19/2019 3:05	28.13	84.7	5.96	3.1	SR13	10/19/2019 9:05	28.04	82.2	5.77	4.8	SR13	10/19/2019 15:05	27.99	83.3	5.86	3.7	SR13	10/19/2019 21:05	28.00	88.7	6.27	6.3
SR13	10/19/2019 3:10	28.14	83.7	5.90	3.4	SR13	10/19/2019 9:10	28.03	82.0	5.76	5.4	SR13	10/19/2019 15:10	27.98	82.8	5.82	5.0	SR13	10/19/2019 21:10	27.99	89.5	6.37	6.5
SR13	10/19/2019 3:15	28.16	83.8	5.89	4.7	SR13	10/19/2019 9:15	28.03	82.6	5.81	4.3	SR13	10/19/2019 15:15	27.98	81.7	5.74	5.4	SR13	10/19/2019 21:15	28.00	88.2	6.22	5.5
SR13	10/19/2019 3:20	28.17	82.6	5.81	3.8	SR13	10/19/2019 9:20	28.03	82.1	5.76	4.9	SR13	10/19/2019 15:20	27.98	81.4	5.73	5.3	SR13	10/19/2019 21:20	28.01	88.3	6.22	6.6
SR13	10/19/2019 3:25	28.16	84.3	5.95	2.9	SR13	10/19/2019 9:25	28.04	81.5	5.74	5.1	SR13	10/19/2019 15:25	27.99	81.8	5.76	3.5	SR13	10/19/2019 21:25	28.03	88.1	6.20	5.4
SR13	10/19/2019 3:30	28.16	83.7	5.89	4.6	SR13	10/19/2019 9:30	28.04	82.5	5.79	4.6	SR13	10/19/2019 15:30	27.98	82.0	5.77	3.7	SR13	10/19/2019 21:30	28.01	87.9	6.20	6.4
SR13	10/19/2019 3:35	28.16	83.4	5.87	4.8	SR13	10/19/2019 9:35	28.04	82.9	5.82	10.0	SR13	10/19/2019 15:35	27.98	81.4	5.73	4.9	SR13	10/19/2019 21:35	27.98	87.9	6.21	4.6
SR13	10/19/2019 3:40	28.15	85.0	5.99	3.8	SR13	10/19/2019 9:40	28.04	82.7	5.80	4.2	SR13	10/19/2019 15:40	27.98	82.0	5.76	3.0	SR13	10/19/2019 21:40	27.98	88.1	6.21	5.2
SR13	10/19/2019 3:45	28.13	85.0	5.98	5.1	SR13	10/19/2019 9:45	28.03	83.5	5.88	3.9	SR13	10/19/2019 15:45	27.97	81.6	5.74	3.3	SR13	10/19/2019 21:45	27.96	87.5	6.16	6.9
SR13	10/19/2019 3:50	28.13	85.1	6.00	5.3	SR13	10/19/2019 9:50	28.04	82.6	5.81	4.3	SR13	10/19/2019 15:50	27.97	82.6	5.81	4.6	SR13	10/19/2019 21:50	27.96	88.8	6.30	6.1
SR13	10/19/2019 3:55	28.13	84.7	5.95	4.8	SR13	10/19/2019 9:55	28.03	81.7	5.73	4.5	SR13	10/19/2019 15:55	27.98	82.1	5.79	3.7	SR13	10/19/2019 21:55	27.96	88.0	6.21	6.4
SR13	10/19/2019 4:00	28.13	84.8	5.98	4.1	SR13	10/19/2019 10:00	28.03	82.6	5.80	3.4	SR13	10/19/2019 16:00	27.97	83.0	5.84	4.8	SR13	10/19/2019 22:00	27.98	88.6	6.23	4.2
SR13	10/19/2019 4:05	28.12	84.6	5.96	3.7	SR13	10/19/2019 10:05	28.05	81.4	5.72	4.6	SR13	10/19/2019 16:05	27.93	81.2	5.73	2.5	SR13	10/19/2019 22:05	27.97	89.1	6.27	4.4
SR13	10/19/2019 4:10	28.11	85.6	6.02	4.7	SR13	10/19/2019 10:10	28.05	82.2	5.78	4.0	SR13	10/19/2019 16:10	27.93	80.9	5.70	4.0	SR13	10/19/2019 22:10	27.96	87.6	6.17	5.8
SR13	10/19/2019 4:15	28.10	85.0	5.97	5.3	SR13	10/19/2019 10:15	28.04	82.2	5.77	4.0	SR13	10/19/2019 16:15	27.94	81.3	5.73	4.4	SR13	10/19/2019 22:15	27.96	87.4	6.16	5.0
SR13	10/19/2019 4:20	28.10	84.5	5.94	5.0	SR13	10/19/2019 10:20	28.05	81.5	5.72	3.8	SR13	10/19/2019 16:20	27.95	80.7	5.68	4.0	SR13	10/19/2019 22:20	27.96	87.5	6.15	5.0
SR13	10/19/2019 4:25	28.09	85.0	5.99	4.9	SR13	10/19/2019 10:25	28.06	82.2	5.76	4.7	SR13	10/19/2019 16:25	27.94	80.6	5.67	5.0	SR13	10/19/2019 22:25	27.95	87.2	6.13	4.6
SR13	10/19/2019 4:30	28.10	85.2	6.00	3.8	SR13	10/19/2019 10:30	28.05	83.1	5.83	6.8	SR13	10/19/2019 16:30	27.95	81.6	5.74	3.7	SR13	10/19/2019 22:30	27.95	86.7	6.10	4.4
SR13	10/19/2019 4:35	28.11	86.2	6.07	5.0	SR13	10/19/2019 10:35	28.06	82.4	5.79	4.6	SR13	10/19/2019 16:35	27.96	83.4	5.86	5.7	SR13	10/19/2019 22:35	27.96	86.5	6.08	4.1
SR13	10/19/2019 4:40	28.10	85.2	5.98	5.1	SR13	10/19/2019 10:40	28.06	81.6	5.73	4.4	SR13	10/19/2019 16:40	27.95	83.8	5.89	4.9	SR13	10/19/2019 22:40	27.95	86.4	6.07	4.4
SR13	10/19/2019 4:45	28.09	84.5	5.94	3.9	SR13	10/19/2019 10:45	28.06	82.2	5.77	3.6	SR13	10/19/2019 16:45	27.94	83.1	5.85	4.6	SR13	10/19/2019 22:45	27.95	86.9	6.12	5.2
SR13	10/19/2019 4:50	28.12	84.1	5.90	4.2	SR13	10/19/2019 10:50	28.06	81.0	5.70	4.7	SR13	10/19/2019 16:50	27.95	83.9	5.90	6.4	SR13	10/19/2019 22:50	27.95	87.0	6.12	7.0
SR13	10/19/2019 4:55	28.15	83.2	5.84	3.6	SR13	10/19/2019 10:55	28.07	83.0	5.83	4.0	SR13	10/19/2019 16:55	27.95	84.7	5.96	3.4	SR13	10/19/2019 22:55	27.96	86.5	6.08	7.7
SR13	10/19/2019 5:00	28.16	82.9	5.84	2.8	SR13	10/19/2019 11:00	28.06	82.6	5.80	3.8	SR13	10/19/2019 17:00	27.96	85.2	5.99	5.5	SR13	10/19/2019 23:00	27.97	86.7	6.09	5.6
SR13	10/19/2019 5:05	28.17	82.9	5.82	4.3	SR13	10/19/2019 11:05	28.06	83.8	6.10	4.6	SR13	10/19/2019 17:05	27.94	86.0	6.06	4.9	SR13	10/19/2019 23:05	27.98	87.5	6.15	5.0
SR13	10/19/2019 5:10	28.17	82.7	5.82	4.5	SR13	10/19/2019 11:10	28.05	82.3	5.78	3.6	SR13	10/19/2019 17:10	27.94	85.7	6.03	5.2	SR13	10/19/2019 23:10	28.01	88.5	6.22	4.3
SR13	10/19/2019 5:15	28.17	86.1	6.17	4.5	SR13	10/19/2019 11:15	28.05	82.1	5.77	4.0	SR13	10/19/2019 17:15	27.97	87.1	6.13	4.8	SR13	10/19/2019 23:15	28.00	87.5	6.15	6.1
SR13	10/19/2019 5:20	28.18	83.1	5.86	4.1	SR13	10/19/2019 11:20	28.04	81.3	5.71	4.1	SR13	10/19/2019 17:20	27.97	86.4	6.08	3.5	SR13	10/19/2019 23:20	28.01	87.6	6.16	4.4
SR13	10/19/2019 5:25	28.18	83.9	5.89	3.8	SR13	10/19/2019 11:25	28.01	81.3	5.71	3.6	SR13	10/19/2019 17:25	27.99	87.5	6.16	5.4	SR13	10/19/2019 23:25	28.00	88.3	6.33	4.1
SR13	10/19/2019 5:30	28.18	82.9	5.83	4.0	SR13	10/19/2019 11:30	27.99	81.8	5.76	4.6	SR13	10/19/2019 17:30	28.03	88.0	6.21	4.4	SR13	10/19/2019 23:30	28.01	86.4	6.08	6.0
SR13	10/19/2019 5:35	28.19	81.9	5.76	4.4	SR13	10/19/2019 11:35	27.98	81.0	5.68	3.3	SR13	10/19/2019 17:35	28.03	88.0	6.20	4.9	SR13	10/19/2019 23:35	28.02	86.8	6.12	6.0
SR13	10/19/2019 5:40	28.18	82.4	5.80	4.3	SR13	10/19/2019 11:40	27.98	81.2	5.71	4.4	SR13	10/19/2019 17:40	28.03	87.7	6.18	3.6	SR13	10/19/2019 23:40	28.01	86.3	6.08	3.5
SR13	10/19/2019 5:45	28.18	81.7	5.72	3.8	SR13	10/19/2019 11:45	27.39	81.7	5.74	4.4	SR13	10/19/2019 17:45	28.04	88.1	6.21	5.3	SR13	10/19/2019 23:45	28.02	87.0	6.13	4.1
SR13	10/19/2019 5:50	28.18	82.3	5.78	4.7	SR13	10/19/2019 11:50	27.96	79.3	5.58	3.9	SR13	10/19/2019 17:50	28.03	88.3	6.23	4.3	SR13	10/19/2019 23:50	28.01	86.4	6.08	3.4
SR13	10/19/2019 5:55	28.18	83.1	5.83	3.8	SR13	10/19/2019 11:55	27.97	82.1	5.76	5.0	SR13	10/19/2019 17:55	28.02	88.2	6.23	5.4	SR13	10/19/2019 23:55	28.03	86.4	6.08	3.8

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	10/19/2019 0:17	0.25				SR12	10/19/2019 0:17	0.22			
SR4	10/19/2019 0:37	0.28				SR12	10/19/2019 0:37	0.20			
SR4	10/19/2019 0:57	0.28				SR12	10/19/2019 0:57	0.21			
SR4	10/19/2019 1:17	0.26				SR12	10/19/2019 1:17	0.23			
SR4	10/19/2019 1:37	0.26				SR12	10/19/2019 1:37	0.20			
SR4	10/19/2019 1:57	0.27				SR12	10/19/2019 1:57	0.21			
SR4	10/19/2019 2:17	0.28				SR12	10/19/2019 2:17	0.23			
SR4	10/19/2019 2:37	0.27				SR12	10/19/2019 2:37	0.24			
SR4	10/19/2019 2:57	0.28				SR12	10/19/2019 2:57	0.23			
SR4	10/19/2019 3:17	0.27				SR12	10/19/2019 3:17	0.25			
SR4	10/19/2019 3:37	0.28				SR12	10/19/2019 3:37	0.23			
SR4	10/19/2019 3:57	0.29				SR12	10/19/2019 3:57	0.22			
SR4	10/19/2019 4:17	0.27				SR12	10/19/2019 4:17	0.24			
SR4	10/19/2019 4:37	0.29				SR12	10/19/2019 4:37	0.24			
SR4	10/19/2019 4:57	0.27				SR12	10/19/2019 4:57	0.23			
SR4	10/19/2019 5:17	0.29				SR12	10/19/2019 5:17	0.23			
SR4	10/19/2019 5:37	0.29				SR12	10/19/2019 5:37	0.22			
SR4	10/19/2019 5:57	0.28				SR12	10/19/2019 5:57	0.22			
SR4						SR12					
SR4	10/19/2019 6:37	0.28				SR12	10/19/2019 6:37	0.23			
SR4	10/19/2019 6:57	0.30				SR12	10/19/2019 6:57	0.22			
SR4	10/19/2019 7:17	0.28				SR12	10/19/2019 7:17	0.25			
SR4	10/19/2019 7:37	0.29				SR12	10/19/2019 7:37	0.25			
SR4	10/19/2019 7:57	0.30				SR12	10/19/2019 7:57	0.25			
SR4	10/19/2019 8:17	0.30				SR12	10/19/2019 8:17	0.23			
SR4	10/19/2019 8:37	0.30				SR12	10/19/2019 8:37	0.23			
SR4	10/19/2019 8:57	0.29				SR12	10/19/2019 8:57	0.23			
SR4	10/19/2019 9:17	0.30				SR12	10/19/2019 9:17	0.24			
SR4	10/19/2019 9:37	0.30				SR12	10/19/2019 9:37	0.24			
SR4	10/19/2019 9:57	0.30				SR12	10/19/2019 9:57	0.23			
SR4	10/19/2019 10:17	0.30				SR12	10/19/2019 10:17	0.25			
SR4	10/19/2019 10:37	0.29				SR12	10/19/2019 10:37	0.25			
SR4	10/19/2019 10:57	0.27				SR12	10/19/2019 10:57	0.22			
SR4	10/19/2019 11:17	0.28				SR12	10/19/2019 11:17	0.23			
SR4	10/19/2019 11:37	0.27				SR12	10/19/2019 11:37	0.25			
SR4	10/19/2019 11:57	0.28				SR12	10/19/2019 11:57	0.26			
SR4	10/19/2019 12:17	0.29				SR12	10/19/2019 12:17	0.28			
SR4	10/19/2019 12:37	0.31				SR12	10/19/2019 12:37	0.30			
SR4	10/19/2019 12:57	0.31				SR12	10/19/2019 12:57	0.30			
SR4	10/19/2019 13:17	0.31				SR12	10/19/2019 13:17	0.29			
SR4	10/19/2019 13:37	0.29				SR12	10/19/2019 13:37	0.29			
SR4	10/19/2019 13:57	0.32				SR12	10/19/2019 13:57	0.29			
SR4	10/19/2019 14:17	0.33				SR12	10/19/2019 14:17	0.30			
SR4	10/19/2019 14:37	0.34				SR12	10/19/2019 14:37	0.29			
SR4	10/19/2019 14:57	0.36				SR12	10/19/2019 14:57	0.31			
SR4	10/19/2019 15:17	0.35				SR12	10/19/2019 15:17	0.32			
SR4	10/19/2019 15:37	0.33				SR12	10/19/2019 15:37	0.30			
SR4	10/19/2019 15:57	0.33				SR12	10/19/2019 15:57	0.29			
SR4	10/19/2019 16:17	0.35				SR12	10/19/2019 16:17	0.29			
SR4	10/19/2019 16:37	0.35				SR12	10/19/2019 16:37	0.30			
SR4	10/19/2019 16:57	0.35				SR12	10/19/2019 16:57	0.28			
SR4	10/19/2019 17:17	0.35				SR12	10/19/2019 17:17	0.30			
SR4	10/19/2019 17:37	0.33				SR12	10/19/2019 17:37	0.30			
SR4	10/19/2019 17:57	0.31				SR12	10/19/2019 17:57	0.28			
SR4	10/19/2019 18:17	0.32				SR12	10/19/2019 18:17	0.28			
SR4	10/19/2019 18:37	0.32				SR12	10/19/2019 18:37	0.30			
SR4	10/19/2019 18:57	0.31				SR12	10/19/2019 18:57	0.30			
SR4	10/19/2019 19:17	0.30				SR12	10/19/2019 19:17	0.28			
SR4	10/19/2019 19:37	0.29				SR12	10/19/2019 19:37	0.29			
SR4	10/19/2019 19:57	0.27				SR12	10/19/2019 19:57	0.30			
SR4	10/19/2019 20:17	0.29				SR12	10/19/2019 20:17	0.28			
SR4	10/19/2019 20:37	0.29				SR12	10/19/2019 20:37	0.30			
SR4	10/19/2019 20:57	0.30				SR12	10/19/2019 20:57	0.28			
SR4	10/19/2019 21:17	0.30				SR12	10/19/2019 21:17	0.29			
SR4	10/19/2019 21:37	0.27				SR12	10/19/2019 21:37	0.30			
SR4	10/19/2019 21:57	0.29				SR12	10/19/2019 21:57	0.28			
SR4	10/19/2019 22:17	0.29				SR12	10/19/2019 22:17	0.28			
SR4	10/19/2019 22:37	0.27				SR12	10/19/2019 22:37	0.27			
SR4	10/19/2019 22:57	0.29				SR12	10/19/2019 22:57	0.27			
SR4	10/19/2019 23:17	0.28				SR12	10/19/2019 23:17	0.28			
SR4	10/19/2019 23:37	0.29				SR12	10/19/2019 23:37	0.28			
SR4	10/19/2019 23:57	0.28				SR12	10/19/2019 23:57	0.28			

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	10/20/2019 0:01	28.47	81.7	5.71	2.6	SR4	10/20/2019 6:01	28.44	82.0	5.74	5.1	SR4	10/20/2019 12:01	28.52	94.5	6.61	4.5	SR4	10/20/2019 18:01	28.45	88.4	6.20	2.5
SR4	10/20/2019 0:06	28.47	84.9	5.94	3.3	SR4	10/20/2019 6:06	28.44	83.1	5.82	4.4	SR4	10/20/2019 12:06	28.48	94.1	6.59	5.2	SR4	10/20/2019 18:06	28.44	84.9	5.95	2.0
SR4	10/20/2019 0:11	28.47	85.4	5.98	3.0	SR4	10/20/2019 6:11	28.44	81.7	5.71	4.7	SR4	10/20/2019 12:11	28.53	94.3	6.60	4.0	SR4	10/20/2019 18:11	28.45	86.4	6.06	2.7
SR4	10/20/2019 0:16	28.48	83.8	5.87	2.8	SR4	10/20/2019 6:16	28.44	82.9	5.80	8.4	SR4	10/20/2019 12:16	28.57	94.9	6.64	4.6	SR4	10/20/2019 18:16	28.46	85.8	6.01	2.3
SR4	10/20/2019 0:21	28.48	82.7	5.78	2.3	SR4	10/20/2019 6:21	28.43	82.8	5.80	5.0	SR4	10/20/2019 12:21	28.48	91.3	6.38	4.7	SR4	10/20/2019 18:21	28.43	88.1	6.17	2.4
SR4	10/20/2019 0:26	28.48	82.6	5.77	2.8	SR4	10/20/2019 6:26	28.42	83.0	5.81	4.7	SR4	10/20/2019 12:26	28.46	91.2	6.38	4.2	SR4	10/20/2019 18:26	28.42	87.2	6.11	2.3
SR4	10/20/2019 0:31	28.48	82.7	5.77	2.5	SR4	10/20/2019 6:31	28.42	83.7	5.86	5.0	SR4	10/20/2019 12:31	28.45	91.2	6.38	2.9	SR4	10/20/2019 18:31	28.44	92.0	6.44	3.4
SR4	10/20/2019 0:36	28.46	82.6	5.75	2.8	SR4	10/20/2019 6:36	28.42	83.7	5.84	7.6	SR4	10/20/2019 12:36	28.44	89.1	6.24	4.7	SR4	10/20/2019 18:36	28.44	90.9	6.37	2.3
SR4	10/20/2019 0:41	28.47	83.1	5.80	3.0	SR4	10/20/2019 6:41	28.42	83.6	5.84	6.1	SR4	10/20/2019 12:41	28.47	91.2	6.38	5.3	SR4	10/20/2019 18:41	28.41	89.9	6.31	2.4
SR4	10/20/2019 0:46	28.46	84.5	5.88	2.9	SR4	10/20/2019 6:46	28.42	84.2	5.88	5.2	SR4	10/20/2019 12:46	28.50	91.0	6.36	4.2	SR4	10/20/2019 18:46	28.41	88.2	6.19	2.6
SR4	10/20/2019 0:51	28.47	83.5	5.81	2.5	SR4	10/20/2019 6:51	28.43	82.7	5.78	5.9	SR4	10/20/2019 12:51	28.51	91.8	6.42	4.6	SR4	10/20/2019 18:51	28.43	88.3	6.19	1.9
SR4	10/20/2019 0:56	28.47	81.8	5.69	2.4	SR4	10/20/2019 6:56	28.39	80.3	5.62	3.8	SR4	10/20/2019 12:56	28.49	90.5	6.32	4.3	SR4	10/20/2019 18:56	28.42	85.9	6.02	1.6
SR4	10/20/2019 1:01	28.46	81.3	5.66	2.9	SR4	10/20/2019 7:01	28.36	79.8	5.59	4.3	SR4	10/20/2019 13:01	28.46	87.4	6.11	4.8	SR4	10/20/2019 19:01	28.42	85.6	6.01	1.5
SR4	10/20/2019 1:06	28.47	81.5	5.68	3.8	SR4	10/20/2019 7:06	28.41	83.7	5.87	5.8	SR4	10/20/2019 13:06	28.46	86.5	6.05	5.1	SR4	10/20/2019 19:06	28.43	85.7	6.01	1.7
SR4	10/20/2019 1:11	28.48	81.4	5.66	2.6	SR4	10/20/2019 7:11	28.36	82.5	5.78	4.7	SR4	10/20/2019 13:11	28.54	88.3	6.16	3.1	SR4	10/20/2019 19:11	28.41	89.5	6.28	2.4
SR4	10/20/2019 1:16	28.48	79.2	5.52	2.8	SR4	10/20/2019 7:16	28.31	77.9	5.46	3.8	SR4	10/20/2019 13:16	28.50	88.8	6.20	4.6	SR4	10/20/2019 19:16	28.42	89.2	6.26	2.1
SR4	10/20/2019 1:21	28.48	79.9	5.56	2.7	SR4	10/20/2019 7:21	28.32	73.5	5.15	3.2	SR4	10/20/2019 13:21	28.48	88.8	6.20	4.1	SR4	10/20/2019 19:21	28.41	87.9	6.17	2.4
SR4	10/20/2019 1:26	28.47	82.0	5.70	2.5	SR4	10/20/2019 7:26	28.34	77.5	5.42	4.2	SR4	10/20/2019 13:26	28.48	86.6	6.05	4.4	SR4	10/20/2019 19:26	28.40	89.4	6.28	2.3
SR4	10/20/2019 1:31	28.46	80.6	5.62	2.5	SR4	10/20/2019 7:31	28.40	82.1	5.75	6.2	SR4	10/20/2019 13:31	28.49	86.9	6.07	4.5	SR4	10/20/2019 19:31	28.41	91.1	6.40	2.5
SR4	10/20/2019 1:36	28.45	82.2	5.74	2.8	SR4	10/20/2019 7:36	28.39	83.3	5.83	4.7	SR4	10/20/2019 13:36	28.48	88.1	6.16	4.0	SR4	10/20/2019 19:36	28.43	91.2	6.41	2.3
SR4	10/20/2019 1:41	28.46	80.5	5.63	2.2	SR4	10/20/2019 7:41	28.39	82.9	5.81	4.6	SR4	10/20/2019 13:41	28.47	86.4	6.05	4.1	SR4	10/20/2019 19:41	28.43	90.3	6.34	2.2
SR4	10/20/2019 1:46	28.46	81.4	5.69	2.1	SR4	10/20/2019 7:46	28.39	84.1	5.89	5.4	SR4	10/20/2019 13:46	28.47	88.2	6.16	6.5	SR4	10/20/2019 19:46	28.43	88.1	6.19	2.3
SR4	10/20/2019 1:51	28.46	80.5	5.63	2.2	SR4	10/20/2019 7:51	28.33	83.4	5.84	4.3	SR4	10/20/2019 13:51	28.48	86.5	6.05	5.9	SR4	10/20/2019 19:51	28.44	87.5	6.14	2.2
SR4	10/20/2019 1:56	28.46	80.6	5.63	2.6	SR4	10/20/2019 7:56	28.32	86.3	6.05	4.3	SR4	10/20/2019 13:56	28.48	86.4	6.05	4.9	SR4	10/20/2019 19:56	28.44	89.1	6.25	2.5
SR4	10/20/2019 2:01	28.47	79.8	5.58	2.2	SR4	10/20/2019 8:01	28.35	81.5	5.71	4.2	SR4	10/20/2019 14:01	28.49	87.5	6.12	3.3	SR4	10/20/2019 20:01	28.44	88.4	6.20	2.2
SR4	10/20/2019 2:06	28.47	77.6	5.42	1.5	SR4	10/20/2019 8:06	28.36	80.6	5.65	5.6	SR4	10/20/2019 14:06	28.50	86.7	6.06	2.9	SR4	10/20/2019 20:06	28.45	87.5	6.14	2.4
SR4	10/20/2019 2:11	28.47	77.5	5.40	2.6	SR4	10/20/2019 8:11	28.36	85.4	5.99	5.2	SR4	10/20/2019 14:11	28.51	86.4	6.04	4.7	SR4	10/20/2019 20:11	28.50	88.1	6.17	4.9
SR4	10/20/2019 2:16	28.46	77.5	5.40	1.8	SR4	10/20/2019 8:16	28.34	88.8	6.22	5.4	SR4	10/20/2019 14:16	28.52	84.6	5.92	3.6	SR4	10/20/2019 20:16	28.50	87.5	6.13	2.7
SR4	10/20/2019 2:21	28.45	79.7	5.54	3.0	SR4	10/20/2019 8:21	28.34	90.0	6.31	4.3	SR4	10/20/2019 14:21	28.49	82.9	5.78	3.3	SR4	10/20/2019 20:21	28.49	85.7	6.01	3.2
SR4	10/20/2019 2:26	28.46	77.6	5.40	1.9	SR4	10/20/2019 8:26	28.33	91.8	6.43	4.5	SR4	10/20/2019 14:26	28.48	84.5	5.88	4.4	SR4	10/20/2019 20:26	28.45	85.3	5.99	3.6
SR4	10/20/2019 2:31	28.47	78.0	5.42	2.8	SR4	10/20/2019 8:31	28.33	92.9	6.53	4.6	SR4	10/20/2019 14:31	28.51	85.6	5.94	4.6	SR4	10/20/2019 20:31	28.51	89.0	6.24	3.7
SR4	10/20/2019 2:36	28.48	80.3	5.59	2.6	SR4	10/20/2019 8:36	28.33	94.2	6.61	7.3	SR4	10/20/2019 14:36	28.50	84.2	5.84	3.2	SR4	10/20/2019 20:36	28.51	89.4	6.26	3.8
SR4	10/20/2019 2:41	28.48	80.5	5.60	3.3	SR4	10/20/2019 8:41	28.33	92.3	6.48	5.2	SR4	10/20/2019 14:41	28.49	84.1	5.84	2.4	SR4	10/20/2019 20:41	28.50	89.4	6.25	4.9
SR4	10/20/2019 2:46	28.45	80.3	5.59	2.0	SR4	10/20/2019 8:46	28.33	92.7	6.52	4.5	SR4	10/20/2019 14:46	28.52	84.0	5.83	2.8	SR4	10/20/2019 20:46	28.50	88.6	6.20	4.4
SR4	10/20/2019 2:51	28.42	78.9	5.50	2.4	SR4	10/20/2019 8:51	28.30	94.1	6.61	7.0	SR4	10/20/2019 14:51	28.52	85.7	5.95	3.5	SR4	10/20/2019 20:51	28.50	89.9	6.30	4.5
SR4	10/20/2019 2:56	28.41	76.8	5.35	2.4	SR4	10/20/2019 8:56	28.31	94.2	6.62	4.7	SR4	10/20/2019 14:56	28.48	84.6	5.88	4.1	SR4	10/20/2019 20:56	28.49	88.8	6.22	5.4
SR4	10/20/2019 3:01	28.42	75.1	5.23	2.3	SR4	10/20/2019 9:01	28.32	94.5	6.65	5.0	SR4	10/20/2019 15:01	28.49	83.6	5.81	3.1	SR4	10/20/2019 21:01	28.48	85.1	5.98	2.9
SR4	10/20/2019 3:06	28.43	76.0	5.29	2.0	SR4	10/20/2019 9:06	28.30	94.9	6.65	4.3	SR4	10/20/2019 15:06	28.47	84.4	5.89	4.1	SR4	10/20/2019 21:06	28.50	86.4	6.05	3.1
SR4	10/20/2019 3:11	28.43	75.8	5.28	2.1	SR4	10/20/2019 9:11	28.30	95.3	6.71	4.4	SR4	10/20/2019 15:11	28.53	86.5	6.05	3.1	SR4	10/20/2019 21:11	28.49	87.4	6.12	4.0
SR4	10/20/2019 3:16	28.42	78.7	5.48	3.2	SR4	10/20/2019 9:16	28.28	95.7	6.74	3.8	SR4	10/20/2019 15:16	28.53	92.5	6.47	3.6	SR4	10/20/2019 21:16	28.48	87.3	6.11	7.9
SR4	10/20/2019 3:21	28.43	74.5	5.20	1.5	SR4	10/20/2019 9:21	28.29	95.8	6.74	4.1	SR4	10/20/2019 15:21	28.52	91.2	6.38	2.5	SR4	10/20/2019 21:21	28.47	88.0	6.17	4.5
SR4	10/20/2019 3:26	28.41	74.2	5.20	1.8	SR4	10/20/2019 9:26	28.28	96.6	6.79	3.6	SR4	10/20/2019 15:26	28.49	83.1	5.82	5.4	SR4	10/20/2019 21:26	28.47	87.9	6.16	5.9
SR4	10/20/2019 3:31	28.42	74.9	5.24	2.0	SR4	10/20/2019 9:31	28.28	97.6	6.88	4.3	SR4	10/20/2019 15:31	28.49	81.2	5.69	2.8	SR4	10/20/2019 21:31	28.47	85.3	5.98	3.7
SR4	10/20/2019 3:36	28.42	77.7	5.45	2.5	SR4	10/20/2019 9:36	28.28	98.3	6.92	3.2	SR4	10/20/2019 15:36	28.50	79.9	5.60	3.1	SR4	10/20/2019 21:36	28.48	86.5	6.06	3.7
SR4	10/20/2019 3:41	28.43	76.0	5.32	2.0	SR4	10/20/2019 9:41	28.29	98.2	6.91	2.7	SR4	10/20/2019 15:41	28.45	77.7	5.45	2.5	SR4	10/20/2019 21:41	28.46	86.4	6.06	3.0
SR4	10/20/2019 3:46	28.43	78.2	5.46	2.0	SR4	10/20/2019 9:46	28.29	97.2	6.84	3.3	SR4	10/20/2019 15:46	28.47	82.5	5.77	2.4	SR4	10/20/2019 21:46	28.48	86.0	6.04	3.9
SR4	10/20/2019 3:51	28.43	77.9	5.44	1.8	SR4	10/20/2019 9:51	28.29	100.2	7.06	3.3	SR4	10/20/2019 15:51	28.52	86.4	6.05	2.9	SR4	10/20/2019 21:51	28.46	84.3	5.90	3.7
SR4	10/20/2019 3:56	28.44	78.9	5.52	2.0	SR4	10/20/2019 9:56	28.30	100.1	7.04	3.3	SR4	10/20/2019 15:56	28.53	86.0	6.01	2.0	SR4	10/20/2019 21:56	28.47	86.7	6.08	4.2
SR4	10/20/2019 4:01	28.44	79.7	5.57	3.2	SR4	10/20/2019 10:01	28.32	101.0	7.10	3.0	SR4	10/20/2019 16:01	28.52	86.6	6.06	2.8	SR4	10/20/2019 22:01	28.47	85.0	5.96	3.9
SR4	10/20/2019 4:06	28.44	78.2	5.45	2.7	SR4	10/20/2019 10:06	28.32	101.7	7.16	3.3	SR4	10/20/2019 16:06	28.53	85.7	6.00	2.1	SR4	10/20/2019 22:06	28.47	84.4	5.92	4.2
SR4	10/20/2019 4:11	28.44	78.9	5.50	2.6	SR4	10/20/2019 10:11	28.32	87.7	6.19	4.1	SR4	10/20/2019 16:11	28.50	87.7	6.14	2.8	SR4	10/20/2019 22:11	28.45	85.6	6.00	7.2
SR4	10/20/2019 4:16	28.43	78.8	5.48	2.1	SR4	10/20/2019 10:16	28.39	90.5	6.38	3.1	SR4	10/20/2019 16:16	28.51	87.9	6.14	2.6	SR4	10/20/2019 22:16	28.44	83.1	5.83	3.0
SR4	10/20/2019 4:21	28.43	80.7	5.63	2.9	SR4	10/20/2019 10:21	28.41	94.5	6.65	3.1	SR4	10/20/2019 16:21	28.50	86.3	6.04	2.2	SR4	10/20/2019 22:21	28.44	82.6	5.76	3.7
SR4	10/20/2019 4:26	28.40	82.0	5.71	2.3	SR4	10/20/2019 10:26	28.42	95.3	6.70	5.1	SR4	10/20/2019 16:26	28.45	89.4	6.26	3.1	SR4	10/20/2019 22:26	28.43	82.7	5.76	4.9
SR4	10/20/2019 4:31	28.41	83.8	5.84	2.6	SR4	10/20/2019 10:31	28.45	95.3	6.71	3.3	SR4	10/20/2019 16:31	28.36	84.4	5.93	2.7	SR4	10/20/2019 22:31	28.43	83.1	5.80	3.1
SR4	10/20/2019 4:36	28.39	82.5	5.75	2.0	SR4	10/20/2019 10:36	28.41	98.7	6.92	3.3	SR4	10/20/2019 16:36	28.32	80.8	5.69	2.7	SR4	10/20/2019 22:36	28.43	80.0	5.58	2.9
SR4	10/20/2019 4:41	28.40	82.5	5.75	2.5	SR4	10/20/2019 10:41	28.41	98.8	6.94	**13.2**	SR4	10/20/2019 16:41	28.34	77.1	5.41	2.4	SR4	10/20/2019 22:41	28.42	81.0	5.64	2.9
SR4	10/20/2019 4:46	28.38	82.6	5.76	2.1	SR4	10/20/2019 10:46	28.36	91.4	6.40	**12.4**	SR4	10/20/2019 16:46	28.43	83.4	5.86	2.8	SR4	10/20/2019 22:46	28.42	83.0	5.80	4.2
SR4	10/20/2019 4:51	28.40	77.3	5.39	2.2	SR4	10/20/2019 10:51	28.39	93.5	6.54	8.2	SR4	10/20/2019 16:51	28.46	82.7	5.80	2.4	SR4	10/20/2019 22:51	28.42	82.5	5.75	3.6
SR4	10/20/2019 4:56	28.40	70.6	4.92	1.3	SR4	10/20/2019 10:56	28.40	93.5	6.53	6.0	SR4	10/20/2019 16:56	28.48	82.8	5.80	2.7	SR4	10/20/2019 22:56	28.42	82.3	5.75	5.0
SR4	10/20/2019 5:01	28.40	74.4	5.18	2.3	SR4	10/20/2019 11:01	28.40	93.5	6.54	7.4	SR4	10/20/2019 17:01	28.49	84.5	5.92	2.6	SR4	10/20/2019 23:01	28.42	82.6	5.75	4.8
SR4	10/20/2019 5:06	28.41	78.7	5.48	2.1	SR4	10/20/2019 11:06	28.44	96.8	6.76	6.4	SR4	10/20/2019 17:06	28.50	83.3	5.83	1.9	SR4	10/20/2019 23:06	28.42	82.2	5.74	4.6
SR4	10/20/2019 5:11	28.42	74.3	5.20	1.8	SR4	10/20/2019 11:11	28.42	95.3	6.64	7.4	SR4	10/20/2019 17:11	28.50	84.9	5.94	3.6	SR4	10/20/2019 23:11	28.41	81.3	5.66	4.1
SR4	10/20/2019 5:16	28.41	72.3	5.06	1.6	SR4	10/20/2019 11:16	28.40	93.4	6.52	5.7	SR4	10/20/2019 17:16	28.51	82.6	5.78	4.3	SR4	10/20/2019 23:16	28.41	82.2	5.75	5.4
SR4	10/20/2019 5:21	28.42	75.1	5.26	3.1	SR4	10/20/2019 11:21	28.60	96.6	6.72	**10.5**	SR4	10/20/2019 17:21	28.49	86.1	6.02	4.6	SR4	10/20/2019 23:21	28.41	80.4	5.63	4.4
SR4	10/20/2019 5:26	28.44	79.7	5.58	5.1	SR4	10/20/2019 11:26	28.62	98.1	6.85	5.7	SR4	10/20/2019 17:26	28.49	86.5	6.06	4.0	SR4	10/20/2019 23:26	28.41	81.2	5.68	4.3
SR4	10/20/2019 5:31	28.44	79.9	5.59	4.1	SR4	10/20/2019 11:31	28.48	93.5	6.54	7.2	SR4	10/20/2019 17:31	28.47	84.5	5.92	2.7	SR4	10/20/2019 23:31	28.41	80.2	5.58	4.2
SR4	10/20/2019 5:36	28.44	80.0	5.59	5.9	SR4	10/20/2019 11:36	28.53	95.1	6.65	5.0	SR4	10/20/2019 17:36	28.44	88.7	6.22	3.2	SR4	10/20/2019 23:36	28.41	81.9	5.71	4.1
SR4	10/20/2019 5:41	28.44	82.2	5.75	4.5	SR4	10/20/2019 11:41	28.69	98.9	6.90	5.1	SR4	10/20/2019 17:41	28.44	86.7	6.08	2.6	SR4	10/20/2019 23:41	28.41	80.7	5.63	4.1
SR4	10/20/2019 5:46	28.44	82.2	5.75	4.3	SR4	10/20/2019 11:46	28.59	96.5	6.73	4.5	SR4	10/20/2019 17:46	28.45	85.6	6.00	2.6	SR4	10/20/2019 23:46	28.41	80.5	5.60	4.1
SR4	10/20/2019 5:51	28.44	83.0	5.81	4.8	SR4	10/20/2019 11:51	28.57	96.9	6.77	5.3	SR4	10/20/2019 17:51	28.47	89.8	6.30	3.7	SR4	10/20/2019 23:51	28.41	81.4	5.68	4.8
SR4	10/20/2019 5:56	28.44	82.7	5.77	4.5	SR4	10/20/2019 11:56	28.58	96.4	6.73	4.2	SR4	10/20/2019 17:56	28.47	86.8	6.08	2.4	SR4	10/20/2019 23:56	28.41	83.4	5.81	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	10/20/2019 0:00	28.52	82.4	5.52	4.6	SR5	10/20/2019 6:00	28.27	89.8	6.09	5.4	SR5	10/20/2019 12:00	28.35	85.6	5.80	3.6	SR5	10/20/2019 18:00	28.40	89.9	6.08	4.0
SR5	10/20/2019 0:05	28.52	82.3	5.52	5.7	SR5	10/20/2019 6:05	28.28	90.0	6.11	4.3	SR5	10/20/2019 12:05	28.36	85.4	5.79	2.9	SR5	10/20/2019 18:05	28.41	89.4	6.04	5.0
SR5	10/20/2019 0:10	28.52	81.9	5.50	5.1	SR5	10/20/2019 6:10	28.27	89.1	6.05	4.3	SR5	10/20/2019 12:10	28.37	85.6	5.80	3.4	SR5	10/20/2019 18:10	28.42	89.7	6.06	3.6
SR5	10/20/2019 0:15	28.51	81.5	5.47	5.1	SR5	10/20/2019 6:15	28.31	89.3	6.05	5.4	SR5	10/20/2019 12:15	28.38	85.8	5.81	3.6	SR5	10/20/2019 18:15	28.42	89.9	6.08	4.4
SR5	10/20/2019 0:20	28.50	81.9	5.49	4.4	SR5	10/20/2019 6:20	28.29	89.4	6.06	4.9	SR5	10/20/2019 12:20	28.39	85.3	5.78	3.7	SR5	10/20/2019 18:20	28.41	90.1	6.09	4.2
SR5	10/20/2019 0:25	28.51	80.9	5.42	3.7	SR5	10/20/2019 6:25	28.28	88.6	6.02	4.4	SR5	10/20/2019 12:25	28.39	85.0	5.75	3.4	SR5	10/20/2019 18:25	28.41	89.9	6.07	4.5
SR5	10/20/2019 0:30	28.51	79.8	5.36	4.7	SR5	10/20/2019 6:30	28.30	88.4	6.01	4.8	SR5	10/20/2019 12:30	28.39	85.0	5.75	3.8	SR5	10/20/2019 18:30	28.41	88.7	6.00	4.2
SR5	10/20/2019 0:35	28.52	81.3	5.46	4.4	SR5	10/20/2019 6:35	28.33	88.9	6.03	3.5	SR5	10/20/2019 12:35	28.40	85.3	5.78	3.3	SR5	10/20/2019 18:35	28.40	89.3	6.04	4.1
SR5	10/20/2019 0:40	28.52	82.4	5.52	4.9	SR5	10/20/2019 6:40	28.14	89.7	6.11	4.6	SR5	10/20/2019 12:40	28.40	85.4	5.78	3.6	SR5	10/20/2019 18:40	28.40	88.8	6.01	3.8
SR5	10/20/2019 0:45	28.51	83.3	5.59	4.5	SR5	10/20/2019 6:45	28.15	90.0	6.13	4.3	SR5	10/20/2019 12:45	28.41	85.2	5.76	4.6	SR5	10/20/2019 18:45	28.42	87.6	5.92	4.8
SR5	10/20/2019 0:50	28.51	82.4	5.52	4.8	SR5	10/20/2019 6:50	28.18	90.1	6.13	4.6	SR5	10/20/2019 12:50	28.40	84.7	5.72	3.9	SR5	10/20/2019 18:50	28.39	87.6	5.92	4.6
SR5	10/20/2019 0:55	28.49	83.6	5.61	4.7	SR5	10/20/2019 6:55	28.16	90.3	6.15	3.4	SR5	10/20/2019 12:55	28.40	84.8	5.73	3.1	SR5	10/20/2019 18:55	28.42	87.1	5.90	4.4
SR5	10/20/2019 1:00	28.49	83.7	5.62	4.2	SR5	10/20/2019 7:00	28.16	88.8	6.05	4.3	SR5	10/20/2019 13:00	28.41	85.2	5.76	3.4	SR5	10/20/2019 19:00	28.42	87.3	5.91	4.4
SR5	10/20/2019 1:05	28.48	83.8	5.63	4.3	SR5	10/20/2019 7:05	28.15	89.8	6.12	4.1	SR5	10/20/2019 13:05	28.41	84.7	5.73	3.4	SR5	10/20/2019 19:05	28.42	88.2	5.96	4.0
SR5	10/20/2019 1:10	28.47	84.1	5.64	4.8	SR5	10/20/2019 7:10	28.15	90.8	6.18	3.4	SR5	10/20/2019 13:10	28.41	85.2	5.76	2.2	SR5	10/20/2019 19:10	28.41	87.5	5.92	5.0
SR5	10/20/2019 1:15	28.47	84.5	5.68	4.7	SR5	10/20/2019 7:15	28.15	89.8	6.12	4.8	SR5	10/20/2019 13:15	28.40	85.0	5.75	3.6	SR5	10/20/2019 19:15	28.42	88.1	5.95	4.0
SR5	10/20/2019 1:20	28.47	84.4	5.67	4.3	SR5	10/20/2019 7:20	28.15	88.9	6.06	5.5	SR5	10/20/2019 13:20	28.40	84.4	5.71	3.4	SR5	10/20/2019 19:20	28.41	88.3	5.97	4.9
SR5	10/20/2019 1:25	28.47	84.6	5.68	3.8	SR5	10/20/2019 7:25	28.14	90.1	6.14	4.0	SR5	10/20/2019 13:25	28.40	84.9	5.74	4.6	SR5	10/20/2019 19:25	28.41	88.7	6.00	5.0
SR5	10/20/2019 1:30	28.48	85.0	5.70	4.3	SR5	10/20/2019 7:30	28.15	90.7	6.18	4.8	SR5	10/20/2019 13:30	28.40	84.4	5.70	3.7	SR5	10/20/2019 19:30	28.42	88.2	5.95	5.0
SR5	10/20/2019 1:35	28.48	84.6	5.68	4.1	SR5	10/20/2019 7:35	28.16	89.5	6.09	5.0	SR5	10/20/2019 13:35	28.40	85.0	5.74	4.7	SR5	10/20/2019 19:35	28.42	87.7	5.92	5.1
SR5	10/20/2019 1:40	28.46	86.3	5.79	3.2	SR5	10/20/2019 7:40	28.15	90.4	6.16	4.3	SR5	10/20/2019 13:40	28.40	85.2	5.75	4.0	SR5	10/20/2019 19:40	28.41	88.0	5.94	4.4
SR5	10/20/2019 1:45	28.45	85.6	5.74	4.2	SR5	10/20/2019 7:45	28.16	89.7	6.13	4.3	SR5	10/20/2019 13:45	28.40	83.8	5.67	3.9	SR5	10/20/2019 19:45	28.41	87.8	5.93	5.2
SR5	10/20/2019 1:50	28.43	85.6	5.75	4.8	SR5	10/20/2019 7:50	28.16	88.8	6.06	5.1	SR5	10/20/2019 13:50	28.40	83.2	5.62	4.8	SR5	10/20/2019 19:50	28.38	87.8	5.94	4.5
SR5	10/20/2019 1:55	28.46	84.6	5.68	4.0	SR5	10/20/2019 7:55	28.15	89.0	6.08	4.9	SR5	10/20/2019 13:55	28.40	83.8	5.67	3.5	SR5	10/20/2019 19:55	28.37	87.6	5.92	4.7
SR5	10/20/2019 2:00	28.46	85.0	5.71	4.0	SR5	10/20/2019 8:00	28.15	89.4	6.11	6.2	SR5	10/20/2019 14:00	28.40	84.2	5.69	4.4	SR5	10/20/2019 20:00	28.36	87.9	5.94	5.1
SR5	10/20/2019 2:05	28.46	85.1	5.72	4.2	SR5	10/20/2019 8:05	28.14	88.6	6.05	6.1	SR5	10/20/2019 14:05	28.41	84.7	5.72	4.3	SR5	10/20/2019 20:05	28.38	88.0	5.95	4.9
SR5	10/20/2019 2:10	28.44	85.5	5.74	4.7	SR5	10/20/2019 8:10	28.15	89.3	6.09	8.5	SR5	10/20/2019 14:10	28.41	84.1	5.68	4.9	SR5	10/20/2019 20:10	28.37	86.8	5.87	4.1
SR5	10/20/2019 2:15	28.44	85.5	5.75	3.6	SR5	10/20/2019 8:15	28.15	88.5	6.04	4.5	SR5	10/20/2019 14:15	28.41	84.4	5.70	4.6	SR5	10/20/2019 20:15	28.37	86.1	5.82	3.3
SR5	10/20/2019 2:20	28.44	86.0	5.78	4.0	SR5	10/20/2019 8:20	28.15	88.8	6.06	4.5	SR5	10/20/2019 14:20	28.42	84.6	5.71	3.3	SR5	10/20/2019 20:20	28.37	86.7	5.86	4.2
SR5	10/20/2019 2:25	28.40	86.0	5.78	3.7	SR5	10/20/2019 8:25	28.14	89.7	6.12	3.8	SR5	10/20/2019 14:25	28.41	84.7	5.71	3.7	SR5	10/20/2019 20:25	28.33	84.4	5.71	5.2
SR5	10/20/2019 2:30	28.43	85.2	5.73	3.4	SR5	10/20/2019 8:30	28.15	89.5	6.11	2.9	SR5	10/20/2019 14:30	28.41	84.3	5.69	4.4	SR5	10/20/2019 20:30	28.36	83.7	5.67	4.5
SR5	10/20/2019 2:35	28.44	85.1	5.72	4.1	SR5	10/20/2019 8:35	28.16	90.1	6.15	4.7	SR5	10/20/2019 14:35	28.41	84.2	5.67	4.5	SR5	10/20/2019 20:35	28.35	83.5	5.64	4.3
SR5	10/20/2019 2:40	28.44	85.4	5.74	4.4	SR5	10/20/2019 8:40	28.18	90.2	6.15	3.3	SR5	10/20/2019 14:40	28.42	84.0	5.67	4.8	SR5	10/20/2019 20:40	28.34	84.0	5.68	4.8
SR5	10/20/2019 2:45	28.43	84.7	5.69	3.8	SR5	10/20/2019 8:45	28.23	91.9	6.27	4.5	SR5	10/20/2019 14:45	28.42	83.0	5.59	4.6	SR5	10/20/2019 20:45	28.36	83.5	5.64	4.1
SR5	10/20/2019 2:50	28.44	84.5	5.68	3.7	SR5	10/20/2019 8:50	28.22	90.1	6.15	4.0	SR5	10/20/2019 14:50	28.42	83.6	5.64	4.2	SR5	10/20/2019 20:50	28.34	84.5	5.71	5.3
SR5	10/20/2019 2:55	28.41	84.6	5.69	3.3	SR5	10/20/2019 8:55	28.21	91.6	6.25	2.7	SR5	10/20/2019 14:55	28.42	84.0	5.65	4.0	SR5	10/20/2019 20:55	28.34	85.4	5.78	4.7
SR5	10/20/2019 3:00	28.42	85.6	5.76	3.8	SR5	10/20/2019 9:00	28.22	91.1	6.20	3.4	SR5	10/20/2019 15:00	28.42	84.5	5.69	4.9	SR5	10/20/2019 21:00	28.35	85.4	5.78	4.8
SR5	10/20/2019 3:05	28.40	86.0	5.79	3.7	SR5	10/20/2019 9:05	28.21	90.3	6.15	2.9	SR5	10/20/2019 15:05	28.43	84.0	5.65	4.4	SR5	10/20/2019 21:05	28.34	85.8	5.81	4.5
SR5	10/20/2019 3:10	28.42	86.4	5.82	4.1	SR5	10/20/2019 9:10	28.20	90.2	6.15	2.3	SR5	10/20/2019 15:10	28.43	84.6	5.69	3.6	SR5	10/20/2019 21:10	28.37	85.5	5.79	5.2
SR5	10/20/2019 3:15	28.44	86.8	5.84	2.9	SR5	10/20/2019 9:15	28.22	90.1	6.14	3.7	SR5	10/20/2019 15:15	28.43	84.6	5.70	3.2	SR5	10/20/2019 21:15	28.34	84.8	5.74	4.9
SR5	10/20/2019 3:20	28.42	86.9	5.85	4.2	SR5	10/20/2019 9:20	28.23	90.2	6.15	2.7	SR5	10/20/2019 15:20	28.43	84.5	5.69	3.6	SR5	10/20/2019 21:20	28.35	83.3	5.63	4.6
SR5	10/20/2019 3:25	28.43	86.2	5.80	3.8	SR5	10/20/2019 9:25	28.23	90.4	6.16	3.5	SR5	10/20/2019 15:25	28.42	83.7	5.64	4.0	SR5	10/20/2019 21:25	28.41	85.8	5.80	5.1
SR5	10/20/2019 3:30	28.42	86.3	5.81	3.1	SR5	10/20/2019 9:30	28.24	91.5	6.23	3.7	SR5	10/20/2019 15:30	28.42	84.3	5.68	3.7	SR5	10/20/2019 21:30	28.40	85.9	5.81	3.9
SR5	10/20/2019 3:35	28.41	88.1	5.93	4.1	SR5	10/20/2019 9:35	28.25	91.1	6.20	3.7	SR5	10/20/2019 15:35	28.43	83.7	5.63	3.9	SR5	10/20/2019 21:35	28.35	84.9	5.74	4.1
SR5	10/20/2019 3:40	28.39	87.5	5.90	4.4	SR5	10/20/2019 9:40	28.25	90.8	6.18	3.4	SR5	10/20/2019 15:40	28.43	83.5	5.62	2.8	SR5	10/20/2019 21:40	28.33	83.2	5.62	4.8
SR5	10/20/2019 3:45	28.40	87.9	5.92	5.2	SR5	10/20/2019 9:45	28.24	90.0	6.13	3.9	SR5	10/20/2019 15:45	28.43	83.0	5.58	4.2	SR5	10/20/2019 21:45	28.34	83.8	5.67	4.2
SR5	10/20/2019 3:50	28.40	88.3	5.95	5.4	SR5	10/20/2019 9:50	28.23	88.3	6.02	3.2	SR5	10/20/2019 15:50	28.43	82.7	5.56	3.8	SR5	10/20/2019 21:50	28.40	84.2	5.68	4.5
SR5	10/20/2019 3:55	28.41	86.9	5.85	4.6	SR5	10/20/2019 9:55	28.25	91.1	6.19	3.6	SR5	10/20/2019 15:55	28.44	82.7	5.57	4.1	SR5	10/20/2019 21:55	28.33	84.1	5.69	3.8
SR5	10/20/2019 4:00	28.39	87.6	5.91	4.2	SR5	10/20/2019 10:00	28.27	90.2	6.14	3.5	SR5	10/20/2019 16:00	28.43	82.2	5.52	4.1	SR5	10/20/2019 22:00	28.39	83.1	5.61	3.7
SR5	10/20/2019 4:05	28.40	87.1	5.87	5.3	SR5	10/20/2019 10:05	28.30	91.9	6.25	3.4	SR5	10/20/2019 16:05	28.43	82.8	5.57	4.4	SR5	10/20/2019 22:05	28.40	84.7	5.72	5.2
SR5	10/20/2019 4:10	28.40	88.3	5.95	5.0	SR5	10/20/2019 10:10	28.23	89.4	6.09	3.7	SR5	10/20/2019 16:10	28.43	83.2	5.60	4.7	SR5	10/20/2019 22:10	28.36	84.6	5.72	4.8
SR5	10/20/2019 4:15	28.41	87.5	5.90	4.6	SR5	10/20/2019 10:15	28.27	89.9	6.13	2.9	SR5	10/20/2019 16:15	28.43	83.0	5.58	5.4	SR5	10/20/2019 22:15	28.30	85.4	5.79	4.1
SR5	10/20/2019 4:20	28.40	88.4	5.96	3.4	SR5	10/20/2019 10:20	28.27	87.9	5.97	2.7	SR5	10/20/2019 16:20	28.43	82.2	5.52	5.1	SR5	10/20/2019 22:20	28.39	84.5	5.71	4.3
SR5	10/20/2019 4:25	28.36	89.5	6.04	5.4	SR5	10/20/2019 10:25	28.25	88.6	6.03	4.4	SR5	10/20/2019 16:25	28.44	86.3	5.81	5.2	SR5	10/20/2019 22:25	28.44	85.0	5.73	3.5
SR5	10/20/2019 4:30	28.39	88.0	5.94	5.5	SR5	10/20/2019 10:30	28.29	89.8	6.11	4.8	SR5	10/20/2019 16:30	28.43	86.0	5.79	4.9	SR5	10/20/2019 22:30	28.44	85.3	5.75	5.5
SR5	10/20/2019 4:35	28.38	88.5	5.97	5.5	SR5	10/20/2019 10:35	28.29	87.9	5.97	3.7	SR5	10/20/2019 16:35	28.43	85.3	5.74	5.7	SR5	10/20/2019 22:35	28.44	85.6	5.78	4.3
SR5	10/20/2019 4:40	28.37	88.0	5.94	5.2	SR5	10/20/2019 10:40	28.30	88.6	6.02	3.6	SR5	10/20/2019 16:40	28.43	86.4	5.82	4.6	SR5	10/20/2019 22:40	28.42	85.1	5.74	4.2
SR5	10/20/2019 4:45	28.39	88.9	6.01	5.2	SR5	10/20/2019 10:45	28.29	88.0	5.97	3.6	SR5	10/20/2019 16:45	28.43	86.5	5.83	3.9	SR5	10/20/2019 22:45	28.43	85.4	5.75	4.5
SR5	10/20/2019 4:50	28.39	89.4	6.03	5.5	SR5	10/20/2019 10:50	28.30	88.4	6.01	3.9	SR5	10/20/2019 16:50	28.43	86.0	5.79	4.7	SR5	10/20/2019 22:50	28.43	84.9	5.72	4.2
SR5	10/20/2019 4:55	28.36	89.4	6.05	4.8	SR5	10/20/2019 10:55	28.30	89.3	6.06	4.5	SR5	10/20/2019 16:55	28.42	86.2	5.80	5.5	SR5	10/20/2019 22:55	28.43	84.3	5.68	4.3
SR5	10/20/2019 5:00	28.37	88.4	5.97	5.4	SR5	10/20/2019 11:00	28.31	88.9	6.04	3.5	SR5	10/20/2019 17:00	28.48	89.4	6.02	5.0	SR5	10/20/2019 23:00	28.44	84.1	5.67	5.4
SR5	10/20/2019 5:05	28.38	88.7	6.00	4.5	SR5	10/20/2019 11:05	28.31	88.2	5.98	4.9	SR5	10/20/2019 17:05	28.48	88.8	5.98	4.8	SR5	10/20/2019 23:05	28.43	82.8	5.58	4.6
SR5	10/20/2019 5:10	28.38	89.3	6.03	4.8	SR5	10/20/2019 11:10	28.29	87.9	5.96	4.1	SR5	10/20/2019 17:10	28.48	90.6	6.11	4.0	SR5	10/20/2019 23:10	28.43	83.0	5.59	4.0
SR5	10/20/2019 5:15	28.37	89.9	6.07	4.4	SR5	10/20/2019 11:15	28.31	87.9	5.96	4.8	SR5	10/20/2019 17:15	28.49	89.8	6.05	3.3	SR5	10/20/2019 23:15	28.43	83.6	5.63	5.5
SR5	10/20/2019 5:20	28.33	89.1	6.04	4.5	SR5	10/20/2019 11:20	28.29	88.5	6.02	4.3	SR5	10/20/2019 17:20	28.49	88.8	6.00	4.4	SR5	10/20/2019 23:20	28.43	83.4	5.62	4.8
SR5	10/20/2019 5:25	28.30	89.6	6.06	4.5	SR5	10/20/2019 11:25	28.30	88.1	5.97	4.9	SR5	10/20/2019 17:25	28.47	89.0	6.00	3.8	SR5	10/20/2019 23:25	28.43	82.5	5.56	4.7
SR5	10/20/2019 5:30	28.29	90.7	6.15	4.8	SR5	10/20/2019 11:30	28.31	87.3	5.93	3.8	SR5	10/20/2019 17:30	28.46	89.0	6.01	4.8	SR5	10/20/2019 23:30	28.42	81.5	5.49	4.7
SR5	10/20/2019 5:35	28.23	90.0	6.11	4.0	SR5	10/20/2019 11:35	28.32	86.4	5.86	3.3	SR5	10/20/2019 17:35	28.45	88.7	5.98	5.9	SR5	10/20/2019 23:35	28.44	82.9	5.59	5.9
SR5	10/20/2019 5:40	28.21	89.7	6.08	4.6	SR5	10/20/2019 11:40	28.33	87.0	5.91	3.1	SR5	10/20/2019 17:40	28.45	90.2	6.09	5.8	SR5	10/20/2019 23:40	28.42	83.2	5.60	5.2
SR5	10/20/2019 5:45	28.20	90.9	6.18	3.8	SR5	10/20/2019 11:45	28.33	86.4	5.86	4.5	SR5	10/20/2019 17:45	28.45	89.3	6.02	5.3	SR5	10/20/2019 23:45	28.42	83.3	5.61	6.0
SR5	10/20/2019 5:50	28.19	89.8	6.11	5.1	SR5	10/20/2019 11:50	28.36	87.6	5.94	4.1	SR5	10/20/2019 17:50	28.45	88.8	6.00	6.1	SR5	10/20/2019 23:50	28.43	83.3	5.61	5.5
SR5	10/20/2019 5:55	28.21	91.7	6.23	4.4	SR5	10/20/2019 11:55	28.34	86.0	5.83	3.0	SR5	10/20/2019 17:55	28.44	89.1	6.02	5.0	SR5	10/20/2019 23:55	28.42	83.5	5.62	5.4

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	10/20/2019 0:01	28.26	90.2	6.20	6.0	SR12	10/20/2019 6:01	28.22	83.2	5.69	3.4	SR12	10/20/2019 12:01	28.04	92.5	6.38	5.1	SR12	10/20/2019 18:01	28.06	88.2	6.08	4.8
SR12	10/20/2019 0:06	28.27	89.7	6.17	5.5	SR12	10/20/2019 6:06	28.23	84.8	5.81	3.0	SR12	10/20/2019 12:06	28.03	95.1	6.56	6.5	SR12	10/20/2019 18:06	28.07	87.3	5.99	3.7
SR12	10/20/2019 0:11	28.28	91.2	6.26	5.1	SR12	10/20/2019 6:11	28.22	85.0	5.82	3.9	SR12	10/20/2019 12:11	28.03	90.2	6.19	5.1	SR12	10/20/2019 18:11	28.07	87.2	6.01	3.5
SR12	10/20/2019 0:16	28.28	90.2	6.18	4.5	SR12	10/20/2019 6:16	28.19	84.9	5.82	3.1	SR12	10/20/2019 12:16	28.02	94.0	6.50	4.4	SR12	10/20/2019 18:16	28.10	87.0	5.99	3.7
SR12	10/20/2019 0:21	28.28	88.9	6.09	4.9	SR12	10/20/2019 6:21	28.17	83.9	5.75	2.9	SR12	10/20/2019 12:21	28.00	95.0	6.57	6.8	SR12	10/20/2019 18:21	28.10	88.3	6.09	4.4
SR12	10/20/2019 0:26	28.28	89.7	6.16	5.7	SR12	10/20/2019 6:26	28.14	82.4	5.64	2.7	SR12	10/20/2019 12:26	28.00	95.1	6.57	4.6	SR12	10/20/2019 18:26	28.08	87.4	6.03	4.6
SR12	10/20/2019 0:31	28.26	89.6	6.15	4.1	SR12	10/20/2019 6:31	28.13	81.2	5.56	2.8	SR12	10/20/2019 12:31	28.00	95.3	6.59	4.7	SR12	10/20/2019 18:31	28.11	86.7	5.98	3.7
SR12	10/20/2019 0:36	28.25	88.5	6.07	4.1	SR12	10/20/2019 6:36	28.12	81.8	5.60	2.8	SR12	10/20/2019 12:36	27.98	95.7	6.60	4.2	SR12	10/20/2019 18:36	28.10	87.3	6.02	4.6
SR12	10/20/2019 0:41	28.24	89.4	6.14	3.9	SR12	10/20/2019 6:41	28.12	81.9	5.61	2.6	SR12	10/20/2019 12:41	27.97	95.9	6.64	4.4	SR12	10/20/2019 18:41	28.16	88.8	6.14	4.0
SR12	10/20/2019 0:46	28.25	88.0	6.04	4.4	SR12	10/20/2019 6:46	28.11	83.8	5.75	3.9	SR12	10/20/2019 12:46	27.96	96.2	6.67	4.2	SR12	10/20/2019 18:46	28.18	93.0	6.43	4.4
SR12	10/20/2019 0:51	28.25	87.6	6.01	3.5	SR12	10/20/2019 6:51	28.12	80.8	5.55	2.9	SR12	10/20/2019 12:51	27.97	96.3	6.67	4.0	SR12	10/20/2019 18:51	28.17	92.1	6.36	3.2
SR12	10/20/2019 0:56	28.25	86.5	5.91	4.3	SR12	10/20/2019 6:56	28.11	80.7	5.55	2.2	SR12	10/20/2019 12:56	27.96	96.8	6.70	4.1	SR12	10/20/2019 18:56	28.15	86.4	5.99	5.6
SR12	10/20/2019 1:01	28.25	85.8	5.86	3.0	SR12	10/20/2019 7:01	28.12	81.3	5.59	3.1	SR12	10/20/2019 13:01	27.94	97.5	6.76	4.3	SR12	10/20/2019 19:01	28.15	85.1	5.90	3.4
SR12	10/20/2019 1:06	28.23	86.9	5.93	5.7	SR12	10/20/2019 7:06	28.12	83.6	5.76	3.2	SR12	10/20/2019 13:06	27.94	97.9	6.78	3.9	SR12	10/20/2019 19:06	28.15	84.2	5.82	3.4
SR12	10/20/2019 1:11	28.24	87.0	5.95	4.2	SR12	10/20/2019 7:11	28.13	82.2	5.65	2.6	SR12	10/20/2019 13:11	27.96	97.8	6.77	3.2	SR12	10/20/2019 19:11	28.10	82.7	5.71	3.0
SR12	10/20/2019 1:16	28.23	86.1	5.90	3.8	SR12	10/20/2019 7:16	28.13	83.7	5.75	2.9	SR12	10/20/2019 13:16	27.97	99.6	6.92	4.1	SR12	10/20/2019 19:16	28.10	86.0	5.94	2.7
SR12	10/20/2019 1:21	28.22	86.8	5.93	5.7	SR12	10/20/2019 7:21	28.13	83.5	5.73	2.4	SR12	10/20/2019 13:21	27.97	98.8	6.84	3.5	SR12	10/20/2019 19:21	28.13	88.8	6.14	3.4
SR12	10/20/2019 1:26	28.20	87.2	5.96	5.4	SR12	10/20/2019 7:26	28.14	84.2	5.79	2.9	SR12	10/20/2019 13:26	27.98	100.0	6.93	3.2	SR12	10/20/2019 19:26	28.13	88.6	6.12	2.7
SR12	10/20/2019 1:31	28.20	86.8	5.94	5.5	SR12	10/20/2019 7:31	28.14	84.8	5.83	3.7	SR12	10/20/2019 13:31	27.99	99.8	6.91	3.0	SR12	10/20/2019 19:31	28.11	89.1	6.16	3.0
SR12	10/20/2019 1:36	28.19	87.1	5.97	5.7	SR12	10/20/2019 7:36	28.15	83.7	5.74	3.5	SR12	10/20/2019 13:36	28.00	97.6	6.73	3.8	SR12	10/20/2019 19:36	28.10	88.5	6.11	2.8
SR12	10/20/2019 1:41	28.20	86.7	5.95	4.5	SR12	10/20/2019 7:41	28.16	84.2	5.77	3.4	SR12	10/20/2019 13:41	28.01	90.5	6.27	4.5	SR12	10/20/2019 19:41	28.08	89.9	6.23	3.0
SR12	10/20/2019 1:46	28.21	88.8	6.11	4.5	SR12	10/20/2019 7:46	28.16	84.1	5.76	2.9	SR12	10/20/2019 13:46	28.06	92.5	6.41	3.2	SR12	10/20/2019 19:46	28.09	90.2	6.23	3.5
SR12	10/20/2019 1:51	28.20	90.1	6.21	4.8	SR12	10/20/2019 7:51	28.16	85.3	5.85	3.4	SR12	10/20/2019 13:51	28.07	95.3	6.60	3.9	SR12	10/20/2019 19:51	28.08	89.2	6.18	3.2
SR12	10/20/2019 1:56	28.20	87.3	6.00	6.7	SR12	10/20/2019 7:56	28.14	86.1	5.91	3.1	SR12	10/20/2019 13:56	28.07	95.2	6.58	4.7	SR12	10/20/2019 19:56	28.05	91.3	6.33	3.4
SR12	10/20/2019 2:01	28.19	88.0	6.04	5.7	SR12	10/20/2019 8:01	28.15	87.5	6.00	3.2	SR12	10/20/2019 14:01	28.08	95.8	6.64	3.7	SR12	10/20/2019 20:01	27.98	87.7	6.07	2.9
SR12	10/20/2019 2:06	28.16	84.7	5.81	4.0	SR12	10/20/2019 8:06	28.14	86.6	5.95	3.0	SR12	10/20/2019 14:06	28.04	98.2	6.79	3.4	SR12	10/20/2019 20:06	27.95	85.2	5.92	3.3
SR12	10/20/2019 2:11	28.20	86.4	5.93	3.8	SR12	10/20/2019 8:11	28.14	86.6	5.95	3.0	SR12	10/20/2019 14:11	28.05	98.2	6.80	**10.4**	SR12	10/20/2019 20:11	27.96	82.7	5.71	2.9
SR12	10/20/2019 2:16	28.20	87.9	6.02	5.8	SR12	10/20/2019 8:16	28.13	87.1	5.98	3.0	SR12	10/20/2019 14:16	28.02	93.1	6.42	9.9	SR12	10/20/2019 20:16	28.04	87.1	6.02	3.8
SR12	10/20/2019 2:21	28.20	86.3	5.92	5.1	SR12	10/20/2019 8:21	28.15	85.6	5.97	2.5	SR12	10/20/2019 14:21	28.04	94.6	6.52	7.2	SR12	10/20/2019 20:21	28.06	86.6	6.01	3.1
SR12	10/20/2019 2:26	28.19	85.0	5.81	4.6	SR12	10/20/2019 8:26	28.15	78.3	5.36	2.0	SR12	10/20/2019 14:26	28.05	94.5	6.51	5.5	SR12	10/20/2019 20:26	28.08	86.7	6.01	3.3
SR12	10/20/2019 2:31	28.19	84.2	5.76	3.8	SR12	10/20/2019 8:31	28.15	81.1	5.56	2.9	SR12	10/20/2019 14:31	28.05	94.5	6.51	6.7	SR12	10/20/2019 20:31	28.09	87.9	6.09	3.1
SR12	10/20/2019 2:36	28.14	84.5	5.78	3.7	SR12	10/20/2019 8:36	28.16	84.0	5.77	2.8	SR12	10/20/2019 14:36	28.07	96.7	6.66	6.2	SR12	10/20/2019 20:36	28.10	87.1	6.01	2.8
SR12	10/20/2019 2:41	28.11	85.6	5.88	3.5	SR12	10/20/2019 8:41	28.17	81.0	5.57	2.9	SR12	10/20/2019 14:41	28.06	95.7	6.58	6.9	SR12	10/20/2019 20:41	28.10	88.2	6.09	4.4
SR12	10/20/2019 2:46	28.18	82.4	5.63	3.3	SR12	10/20/2019 8:46	28.16	79.6	5.47	2.2	SR12	10/20/2019 14:46	28.04	94.7	6.53	5.5	SR12	10/20/2019 20:46	28.11	86.6	6.00	4.1
SR12	10/20/2019 2:51	28.13	84.7	5.80	4.0	SR12	10/20/2019 8:51	28.17	81.6	5.61	3.2	SR12	10/20/2019 14:51	28.17	96.7	6.64	8.6	SR12	10/20/2019 20:51	28.10	89.0	6.16	5.1
SR12	10/20/2019 2:56	28.18	85.7	5.86	5.9	SR12	10/20/2019 8:56	28.18	84.9	5.84	4.9	SR12	10/20/2019 14:56	28.16	97.7	6.74	5.4	SR12	10/20/2019 20:56	28.11	89.3	6.19	4.3
SR12	10/20/2019 3:01	28.17	86.8	5.94	6.1	SR12	10/20/2019 9:01	28.17	85.0	5.85	4.0	SR12	10/20/2019 15:01	28.06	94.5	6.52	6.1	SR12	10/20/2019 21:01	28.10	87.9	6.09	3.1
SR12	10/20/2019 3:06	28.17	87.4	5.99	4.1	SR12	10/20/2019 9:06	28.16	85.1	5.85	5.4	SR12	10/20/2019 15:06	28.09	91.4	6.26	4.7	SR12	10/20/2019 21:06	28.08	90.9	6.29	3.1
SR12	10/20/2019 3:11	28.17	87.7	6.01	6.1	SR12	10/20/2019 9:11	28.16	86.7	5.96	4.8	SR12	10/20/2019 15:11	28.21	98.3	6.77	4.6	SR12	10/20/2019 21:11	28.08	89.4	6.20	3.4
SR12	10/20/2019 3:16	28.17	85.4	5.86	3.6	SR12	10/20/2019 9:16	28.16	86.6	5.96	4.4	SR12	10/20/2019 15:16	28.13	96.6	6.65	5.0	SR12	10/20/2019 21:16	28.09	88.7	6.13	3.5
SR12	10/20/2019 3:21	28.12	81.9	5.63	3.0	SR12	10/20/2019 9:21	28.16	86.1	5.92	4.6	SR12	10/20/2019 15:21	28.12	96.8	6.68	5.0	SR12	10/20/2019 21:21	28.10	91.6	6.36	3.9
SR12	10/20/2019 3:26	28.15	86.3	5.93	3.1	SR12	10/20/2019 9:26	28.16	87.0	5.97	4.5	SR12	10/20/2019 15:26	28.13	96.4	6.64	4.2	SR12	10/20/2019 21:26	28.10	89.5	6.19	3.2
SR12	10/20/2019 3:31	28.16	84.9	5.82	3.1	SR12	10/20/2019 9:31	28.16	86.6	5.96	4.7	SR12	10/20/2019 15:31	28.10	92.9	6.39	4.7	SR12	10/20/2019 21:31	28.09	90.6	6.28	3.4
SR12	10/20/2019 3:36	28.16	88.6	6.09	3.7	SR12	10/20/2019 9:36	28.15	87.2	6.00	4.3	SR12	10/20/2019 15:36	28.07	94.7	6.54	5.3	SR12	10/20/2019 21:36	28.08	88.2	6.10	2.9
SR12	10/20/2019 3:41	28.16	88.9	6.12	3.7	SR12	10/20/2019 9:41	28.13	86.9	5.98	4.5	SR12	10/20/2019 15:41	28.10	94.9	6.55	4.4	SR12	10/20/2019 21:41	28.09	89.2	6.17	3.9
SR12	10/20/2019 3:46	28.16	87.8	6.04	3.4	SR12	10/20/2019 9:46	28.12	87.2	6.00	7.5	SR12	10/20/2019 15:46	28.14	95.6	6.59	4.6	SR12	10/20/2019 21:46	28.10	88.8	6.15	3.7
SR12	10/20/2019 3:51	28.16	87.3	6.00	2.9	SR12	10/20/2019 9:51	28.10	87.1	6.00	5.0	SR12	10/20/2019 15:51	28.08	92.7	6.39	4.6	SR12	10/20/2019 21:51	28.08	90.6	6.26	3.2
SR12	10/20/2019 3:56	28.16	86.9	5.97	2.9	SR12	10/20/2019 9:56	28.10	88.1	6.07	4.3	SR12	10/20/2019 15:56	28.06	93.1	6.42	4.3	SR12	10/20/2019 21:56	28.07	90.0	6.23	3.3
SR12	10/20/2019 4:01	28.16	87.0	5.97	3.2	SR12	10/20/2019 10:01	28.10	87.8	6.04	4.5	SR12	10/20/2019 16:01	28.05	92.6	6.38	3.6	SR12	10/20/2019 22:01	28.09	93.3	6.46	3.9
SR12	10/20/2019 4:06	28.14	86.9	5.95	3.4	SR12	10/20/2019 10:06	28.10	87.8	6.03	6.9	SR12	10/20/2019 16:06	28.04	91.0	6.28	4.8	SR12	10/20/2019 22:06	28.09	92.6	6.41	2.8
SR12	10/20/2019 4:11	28.15	87.2	5.99	3.2	SR12	10/20/2019 10:11	28.09	87.6	6.02	5.7	SR12	10/20/2019 16:11	28.07	92.4	6.37	5.0	SR12	10/20/2019 22:11	28.07	92.0	6.39	3.3
SR12	10/20/2019 4:16	28.14	88.1	6.04	3.4	SR12	10/20/2019 10:16	28.09	87.3	5.99	5.1	SR12	10/20/2019 16:16	28.09	92.3	6.35	4.0	SR12	10/20/2019 22:16	28.07	90.7	6.28	3.9
SR12	10/20/2019 4:21	28.15	87.3	5.98	3.0	SR12	10/20/2019 10:21	28.10	87.6	6.03	5.0	SR12	10/20/2019 16:21	28.10	92.8	6.39	5.0	SR12	10/20/2019 22:21	28.09	90.7	6.27	3.0
SR12	10/20/2019 4:26	28.16	86.1	5.89	3.3	SR12	10/20/2019 10:26	28.07	85.3	5.87	4.3	SR12	10/20/2019 16:26	28.09	91.8	6.32	4.3	SR12	10/20/2019 22:26	28.08	89.1	6.15	3.3
SR12	10/20/2019 4:31	28.15	85.7	5.87	3.5	SR12	10/20/2019 10:31	28.05	84.8	5.84	4.2	SR12	10/20/2019 16:31	28.07	89.5	6.16	4.2	SR12	10/20/2019 22:31	28.08	88.8	6.14	2.4
SR12	10/20/2019 4:36	28.16	85.9	5.89	3.7	SR12	10/20/2019 10:36	28.08	87.9	6.06	5.4	SR12	10/20/2019 16:36	28.08	88.9	6.12	5.3	SR12	10/20/2019 22:36	28.08	88.9	6.14	2.9
SR12	10/20/2019 4:41	28.17	85.8	5.87	3.0	SR12	10/20/2019 10:41	28.04	86.9	5.98	4.9	SR12	10/20/2019 16:41	28.13	90.0	6.19	3.7	SR12	10/20/2019 22:41	28.07	91.5	6.33	3.7
SR12	10/20/2019 4:46	28.17	84.2	5.78	2.9	SR12	10/20/2019 10:46	28.00	83.7	5.76	4.0	SR12	10/20/2019 16:46	28.10	90.3	6.21	4.3	SR12	10/20/2019 22:46	28.07	91.3	6.31	3.1
SR12	10/20/2019 4:51	28.17	84.7	5.80	2.9	SR12	10/20/2019 10:51	28.01	80.6	5.54	3.5	SR12	10/20/2019 16:51	28.07	90.2	6.20	4.2	SR12	10/20/2019 22:51	28.06	90.5	6.25	3.5
SR12	10/20/2019 4:56	28.16	86.2	5.90	2.9	SR12	10/20/2019 10:56	28.04	83.4	5.73	4.0	SR12	10/20/2019 16:56	28.08	88.5	6.09	4.9	SR12	10/20/2019 22:56	28.06	91.4	6.33	3.5
SR12	10/20/2019 5:01	28.16	85.2	5.85	3.0	SR12	10/20/2019 11:01	28.09	86.5	5.96	5.3	SR12	10/20/2019 17:01	28.06	88.7	6.10	4.7	SR12	10/20/2019 23:01	28.07	92.6	6.41	3.5
SR12	10/20/2019 5:06	28.19	86.4	5.93	3.3	SR12	10/20/2019 11:06	28.08	87.4	6.02	4.8	SR12	10/20/2019 17:06	28.05	89.7	6.17	4.2	SR12	10/20/2019 23:06	28.07	92.7	6.42	3.1
SR12	10/20/2019 5:11	28.21	85.2	5.86	2.8	SR12	10/20/2019 11:11	28.08	87.4	6.02	4.3	SR12	10/20/2019 17:11	28.04	88.3	6.08	4.3	SR12	10/20/2019 23:11	28.07	92.1	6.37	3.2
SR12	10/20/2019 5:16	28.21	85.8	5.90	2.9	SR12	10/20/2019 11:16	28.08	88.0	6.06	5.2	SR12	10/20/2019 17:16	28.04	89.5	6.16	6.1	SR12	10/20/2019 23:16	28.06	90.6	6.27	3.3
SR12	10/20/2019 5:21	28.21	85.3	5.86	2.7	SR12	10/20/2019 11:21	28.03	87.5	6.03	4.6	SR12	10/20/2019 17:21	28.04	89.2	6.15	5.7	SR12	10/20/2019 23:21	28.08	90.2	6.23	3.2
SR12	10/20/2019 5:26	28.22	85.3	5.86	3.1	SR12	10/20/2019 11:26	28.02	89.8	6.19	4.5	SR12	10/20/2019 17:26	28.05	88.1	6.07	5.1	SR12	10/20/2019 23:26	28.07	91.2	6.31	3.4
SR12	10/20/2019 5:31	28.23	84.7	5.82	2.7	SR12	10/20/2019 11:31	28.05	86.2	5.93	4.5	SR12	10/20/2019 17:31	28.05	89.0	6.13	3.9	SR12	10/20/2019 23:31	28.08	90.9	6.28	3.3
SR12	10/20/2019 5:36	28.23	83.2	5.71	2.6	SR12	10/20/2019 11:36	28.06	85.6	5.89	5.5	SR12	10/20/2019 17:36	28.06	88.6	6.09	3.2	SR12	10/20/2019 23:36	28.09	90.3	6.24	3.3
SR12	10/20/2019 5:41	28.23	83.0	5.69	3.4	SR12	10/20/2019 11:41	28.06	88.9	6.13	4.8	SR12	10/20/2019 17:41	28.06	88.6	6.12	4.8	SR12	10/20/2019 23:41	28.13	90.7	6.26	5.2
SR12	10/20/2019 5:46	28.22	83.0	5.69	2.6	SR12	10/20/2019 11:46	28.05	91.3	6.29	5.4	SR12	10/20/2019 17:46	28.06	87.7	6.07	4.3	SR12	10/20/2019 23:46	28.13	90.3	6.23	3.3
SR12	10/20/2019 5:51	28.21	84.7	5.79	3.4	SR12	10/20/2019 11:51	28.05	92.1	6.35	4.3	SR12	10/20/2019 17:51	28.04	86.5	5.97	3.6	SR12	10/20/2019 23:51	28.12	89.0	6.15	3.7
SR12	10/20/2019 5:56	28.22	83.1	5.69	2.6	SR12	10/20/2019 11:56	28.04	94.6	6.53	4.6	SR12	10/20/2019 17:56	28.05	87.5	6.02	4.7	SR12	10/20/2019 23:56	28.08	88.7	6.13	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	10/20/2019 0:00	28.03	86.2	6.07	2.8	SR13	10/20/2019 6:00	28.00	85.0	5.99	4.4	SR13	10/20/2019 12:00	27.85	83.1	5.86	4.3	SR13	10/20/2019 18:00	27.80	87.0	6.14	4.5
SR13	10/20/2019 0:05	28.01	86.4	6.08	5.0	SR13	10/20/2019 6:05	27.99	85.1	6.00	4.9	SR13	10/20/2019 12:05	27.83	82.9	5.85	2.2	SR13	10/20/2019 18:05	27.80	86.6	6.12	6.1
SR13	10/20/2019 0:10	27.97	85.6	6.03	4.5	SR13	10/20/2019 6:10	27.97	85.4	6.03	5.1	SR13	10/20/2019 12:10	27.83	83.0	5.86	2.5	SR13	10/20/2019 18:10	27.79	86.2	6.10	4.9
SR13	10/20/2019 0:15	27.99	86.6	6.10	3.4	SR13	10/20/2019 6:15	27.98	83.9	5.91	3.0	SR13	10/20/2019 12:15	27.83	81.8	5.78	2.7	SR13	10/20/2019 18:15	27.78	86.0	6.09	5.6
SR13	10/20/2019 0:20	27.97	85.6	6.02	4.2	SR13	10/20/2019 6:20	28.02	82.5	5.81	4.2	SR13	10/20/2019 12:20	27.83	81.9	5.78	4.3	SR13	10/20/2019 18:20	27.79	87.2	6.17	4.6
SR13	10/20/2019 0:25	27.96	86.3	6.08	3.8	SR13	10/20/2019 6:25	28.06	82.9	5.84	3.8	SR13	10/20/2019 12:25	27.84	82.3	5.81	3.8	SR13	10/20/2019 18:25	27.77	87.2	6.17	5.3
SR13	10/20/2019 0:30	27.95	85.7	6.04	3.6	SR13	10/20/2019 6:30	28.05	84.9	5.99	3.1	SR13	10/20/2019 12:30	27.85	82.2	5.81	2.8	SR13	10/20/2019 18:30	27.76	86.1	6.09	3.2
SR13	10/20/2019 0:35	27.93	84.8	5.97	4.4	SR13	10/20/2019 6:35	28.05	86.2	6.09	3.9	SR13	10/20/2019 12:35	27.88	82.0	5.78	2.4	SR13	10/20/2019 18:35	27.77	84.7	5.99	4.8
SR13	10/20/2019 0:40	27.94	83.9	5.90	4.3	SR13	10/20/2019 6:40	28.03	85.3	6.03	5.2	SR13	10/20/2019 12:40	27.88	83.1	5.86	2.4	SR13	10/20/2019 18:40	27.77	86.2	6.10	3.8
SR13	10/20/2019 0:45	27.94	86.4	6.09	3.0	SR13	10/20/2019 6:45	28.01	85.7	6.05	6.1	SR13	10/20/2019 12:45	27.87	82.5	5.82	3.0	SR13	10/20/2019 18:45	27.79	87.6	6.19	6.0
SR13	10/20/2019 0:50	27.94	83.3	5.85	4.6	SR13	10/20/2019 6:50	27.98	85.5	6.04	4.3	SR13	10/20/2019 12:50	27.84	83.2	5.88	4.7	SR13	10/20/2019 18:50	27.79	88.1	6.23	5.1
SR13	10/20/2019 0:55	27.92	84.8	5.97	4.8	SR13	10/20/2019 6:55	27.98	86.0	6.08	3.9	SR13	10/20/2019 12:55	27.85	82.8	5.85	4.0	SR13	10/20/2019 18:55	27.79	88.0	6.22	4.9
SR13	10/20/2019 1:00	27.91	81.8	5.74	4.4	SR13	10/20/2019 7:00	27.97	85.9	6.08	5.2	SR13	10/20/2019 13:00	27.86	82.9	5.85	4.7	SR13	10/20/2019 19:00	27.79	87.8	6.20	5.5
SR13	10/20/2019 1:05	27.93	84.5	5.95	6.6	SR13	10/20/2019 7:05	27.96	85.5	6.05	5.0	SR13	10/20/2019 13:05	27.85	82.9	5.85	2.5	SR13	10/20/2019 19:05	27.77	85.3	6.04	4.7
SR13	10/20/2019 1:10	27.94	84.2	5.94	5.0	SR13	10/20/2019 7:10	27.96	86.2	6.11	3.7	SR13	10/20/2019 13:10	27.86	83.0	5.86	3.7	SR13	10/20/2019 19:10	27.78	87.0	6.16	4.9
SR13	10/20/2019 1:15	27.95	85.2	6.00	7.0	SR13	10/20/2019 7:15	27.94	86.8	6.15	4.6	SR13	10/20/2019 13:15	27.88	83.2	5.87	4.0	SR13	10/20/2019 19:15	27.79	86.2	6.10	3.4
SR13	10/20/2019 1:20	27.97	84.8	5.96	5.3	SR13	10/20/2019 7:20	27.94	85.6	6.07	5.0	SR13	10/20/2019 13:20	27.87	82.8	5.84	2.3	SR13	10/20/2019 19:20	27.80	86.1	6.09	5.5
SR13	10/20/2019 1:25	27.98	87.0	6.13	4.0	SR13	10/20/2019 7:25	27.91	85.5	6.04	5.9	SR13	10/20/2019 13:25	27.88	83.2	5.86	3.2	SR13	10/20/2019 19:25	27.81	87.8	6.21	4.7
SR13	10/20/2019 1:30	28.00	86.9	6.12	3.4	SR13	10/20/2019 7:30	27.91	84.1	5.95	4.7	SR13	10/20/2019 13:30	27.84	82.9	5.85	2.6	SR13	10/20/2019 19:30	27.79	89.5	6.33	4.2
SR13	10/20/2019 1:35	27.99	87.1	6.14	3.3	SR13	10/20/2019 7:35	27.91	85.4	6.04	3.5	SR13	10/20/2019 13:35	27.83	83.5	5.89	4.8	SR13	10/20/2019 19:35	27.79	89.8	6.36	7.2
SR13	10/20/2019 1:40	28.02	87.6	6.18	4.5	SR13	10/20/2019 7:40	27.90	85.7	6.05	5.1	SR13	10/20/2019 13:40	27.83	83.0	5.85	4.4	SR13	10/20/2019 19:40	27.78	88.7	6.27	7.7
SR13	10/20/2019 1:45	28.02	87.2	6.15	3.3	SR13	10/20/2019 7:45	27.89	85.1	6.03	4.4	SR13	10/20/2019 13:45	27.85	82.7	5.85	5.0	SR13	10/20/2019 19:45	27.78	89.5	6.33	5.9
SR13	10/20/2019 1:50	28.01	87.5	6.17	4.3	SR13	10/20/2019 7:50	27.89	84.5	5.98	4.2	SR13	10/20/2019 13:50	27.88	81.2	5.73	3.9	SR13	10/20/2019 19:50	27.79	89.9	6.36	7.5
SR13	10/20/2019 1:55	28.00	87.9	6.19	3.5	SR13	10/20/2019 7:55	27.90	84.8	5.99	4.0	SR13	10/20/2019 13:55	27.89	82.1	5.79	3.7	SR13	10/20/2019 19:55	27.80	89.4	6.32	5.7
SR13	10/20/2019 2:00	27.99	86.6	6.11	3.4	SR13	10/20/2019 8:00	27.88	84.4	5.95	4.9	SR13	10/20/2019 14:00	27.88	82.9	5.84	2.4	SR13	10/20/2019 20:00	27.84	90.0	6.37	5.8
SR13	10/20/2019 2:05	28.01	89.3	6.31	5.1	SR13	10/20/2019 8:05	27.87	84.8	5.99	4.3	SR13	10/20/2019 14:05	27.87	81.6	5.75	2.5	SR13	10/20/2019 20:05	27.85	90.0	6.36	6.2
SR13	10/20/2019 2:10	28.01	86.6	6.09	4.0	SR13	10/20/2019 8:10	27.91	83.4	5.89	5.0	SR13	10/20/2019 14:10	27.87	80.5	5.68	4.3	SR13	10/20/2019 20:10	27.86	90.0	6.37	5.3
SR13	10/20/2019 2:15	28.02	86.5	6.10	2.7	SR13	10/20/2019 8:15	27.88	84.3	5.96	4.0	SR13	10/20/2019 14:15	27.88	80.7	5.68	4.2	SR13	10/20/2019 20:15	27.91	90.5	6.40	6.2
SR13	10/20/2019 2:20	28.03	87.5	6.17	3.8	SR13	10/20/2019 8:20	27.90	84.7	5.98	4.5	SR13	10/20/2019 14:20	27.89	81.9	5.77	3.7	SR13	10/20/2019 20:20	27.90	91.3	6.45	6.9
SR13	10/20/2019 2:25	28.02	85.4	6.00	2.6	SR13	10/20/2019 8:25	27.90	84.9	5.99	5.6	SR13	10/20/2019 14:25	27.88	81.8	5.77	4.9	SR13	10/20/2019 20:25	27.88	90.2	6.39	6.8
SR13	10/20/2019 2:30	28.00	86.8	6.11	4.6	SR13	10/20/2019 8:30	27.90	84.5	5.98	5.4	SR13	10/20/2019 14:30	27.87	82.7	5.83	3.7	SR13	10/20/2019 20:30	27.88	89.5	6.32	5.1
SR13	10/20/2019 2:35	28.01	86.9	6.13	3.1	SR13	10/20/2019 8:35	27.91	84.4	5.97	5.3	SR13	10/20/2019 14:35	27.87	82.1	5.79	3.9	SR13	10/20/2019 20:35	27.93	91.8	6.49	5.9
SR13	10/20/2019 2:40	28.01	86.2	6.08	2.7	SR13	10/20/2019 8:40	27.91	83.4	5.89	3.3	SR13	10/20/2019 14:40	27.86	81.9	5.78	5.1	SR13	10/20/2019 20:40	27.90	91.5	6.47	6.4
SR13	10/20/2019 2:45	27.98	86.0	6.06	3.6	SR13	10/20/2019 8:45	27.91	82.1	5.81	2.2	SR13	10/20/2019 14:45	27.86	82.0	5.79	4.7	SR13	10/20/2019 20:45	27.89	91.6	6.49	6.3
SR13	10/20/2019 2:50	27.98	85.9	6.06	3.3	SR13	10/20/2019 8:50	27.91	84.1	5.94	3.7	SR13	10/20/2019 14:50	27.85	82.9	5.85	3.9	SR13	10/20/2019 20:50	27.90	91.8	6.49	4.0
SR13	10/20/2019 2:55	27.96	86.3	6.09	3.0	SR13	10/20/2019 8:55	27.92	83.2	5.88	4.2	SR13	10/20/2019 14:55	27.86	82.4	5.82	3.2	SR13	10/20/2019 20:55	27.89	90.9	6.43	4.1
SR13	10/20/2019 3:00	27.96	86.5	6.11	2.5	SR13	10/20/2019 9:00	27.92	84.0	5.93	4.3	SR13	10/20/2019 15:00	27.85	83.1	5.87	5.1	SR13	10/20/2019 21:00	27.88	91.1	6.45	4.4
SR13	10/20/2019 3:05	27.96	86.0	6.07	2.1	SR13	10/20/2019 9:05	27.92	84.8	5.98	3.7	SR13	10/20/2019 15:05	27.84	83.0	5.86	4.4	SR13	10/20/2019 21:05	27.88	92.0	6.52	4.4
SR13	10/20/2019 3:10	27.97	86.3	6.09	2.4	SR13	10/20/2019 9:10	27.91	84.3	5.97	3.4	SR13	10/20/2019 15:10	27.84	83.4	5.89	4.4	SR13	10/20/2019 21:10	27.89	92.2	6.52	5.2
SR13	10/20/2019 3:15	27.96	85.3	6.01	2.9	SR13	10/20/2019 9:15	27.91	84.2	5.96	5.0	SR13	10/20/2019 15:15	27.84	83.7	5.91	5.1	SR13	10/20/2019 21:15	27.87	91.4	6.47	5.1
SR13	10/20/2019 3:20	27.96	85.1	6.00	3.6	SR13	10/20/2019 9:20	27.90	84.1	5.95	3.7	SR13	10/20/2019 15:20	27.84	83.5	5.89	5.1	SR13	10/20/2019 21:20	27.87	92.0	6.51	5.0
SR13	10/20/2019 3:25	27.96	85.6	6.04	3.6	SR13	10/20/2019 9:25	27.90	84.0	5.93	5.0	SR13	10/20/2019 15:25	27.84	83.9	5.91	5.1	SR13	10/20/2019 21:25	27.87	87.5	6.20	4.8
SR13	10/20/2019 3:30	27.95	85.9	6.08	4.9	SR13	10/20/2019 9:30	27.90	83.9	5.92	4.0	SR13	10/20/2019 15:30	27.84	83.8	5.90	5.6	SR13	10/20/2019 21:30	27.91	87.8	6.22	5.0
SR13	10/20/2019 3:35	27.97	87.1	6.15	3.8	SR13	10/20/2019 9:35	27.90	84.6	5.99	3.1	SR13	10/20/2019 15:35	27.86	84.1	5.93	3.7	SR13	10/20/2019 21:35	27.93	89.6	6.34	10.2
SR13	10/20/2019 3:40	27.97	87.1	6.25	4.7	SR13	10/20/2019 9:40	27.91	84.5	5.98	3.5	SR13	10/20/2019 15:40	27.86	84.6	5.96	3.6	SR13	10/20/2019 21:40	27.94	89.8	6.36	5.4
SR13	10/20/2019 3:45	27.97	86.1	6.08	2.6	SR13	10/20/2019 9:45	27.91	84.4	5.97	3.1	SR13	10/20/2019 15:45	27.88	85.2	6.01	3.2	SR13	10/20/2019 21:45	27.96	89.9	6.36	5.3
SR13	10/20/2019 3:50	27.96	87.0	6.14	3.7	SR13	10/20/2019 9:50	27.90	82.7	5.84	3.8	SR13	10/20/2019 15:50	27.91	83.9	5.92	5.1	SR13	10/20/2019 21:50	27.94	91.1	6.44	5.8
SR13	10/20/2019 3:55	27.95	82.7	5.82	2.7	SR13	10/20/2019 9:55	27.91	83.5	5.90	3.6	SR13	10/20/2019 15:55	27.90	83.9	5.92	3.5	SR13	10/20/2019 21:55	27.94	90.3	6.39	8.9
SR13	10/20/2019 4:00	27.98	85.3	6.03	3.6	SR13	10/20/2019 10:00	27.91	83.9	5.93	3.9	SR13	10/20/2019 16:00	27.88	84.8	5.99	3.3	SR13	10/20/2019 22:00	27.92	88.3	6.25	7.4
SR13	10/20/2019 4:05	27.98	86.2	6.09	5.4	SR13	10/20/2019 10:05	27.92	83.1	5.86	2.9	SR13	10/20/2019 16:05	27.87	82.7	5.84	3.5	SR13	10/20/2019 22:05	27.94	88.9	6.28	7.0
SR13	10/20/2019 4:10	27.99	86.6	6.11	4.6	SR13	10/20/2019 10:10	27.92	82.2	5.81	3.1	SR13	10/20/2019 16:10	27.84	80.0	5.65	3.6	SR13	10/20/2019 22:10	27.93	89.4	6.32	5.8
SR13	10/20/2019 4:15	27.99	88.0	6.21	5.2	SR13	10/20/2019 10:15	27.92	82.1	5.80	2.4	SR13	10/20/2019 16:15	27.84	80.1	5.65	4.1	SR13	10/20/2019 22:15	27.92	89.3	6.31	5.9
SR13	10/20/2019 4:20	27.97	85.1	5.99	4.3	SR13	10/20/2019 10:20	27.89	82.8	5.85	4.1	SR13	10/20/2019 16:20	27.84	82.2	5.80	4.8	SR13	10/20/2019 22:20	27.91	89.4	6.31	6.3
SR13	10/20/2019 4:25	27.97	87.7	6.19	4.0	SR13	10/20/2019 10:25	27.88	83.0	5.87	4.6	SR13	10/20/2019 16:25	27.85	82.0	5.79	4.9	SR13	10/20/2019 22:25	27.88	89.5	6.33	6.0
SR13	10/20/2019 4:30	27.97	86.7	6.11	4.0	SR13	10/20/2019 10:30	27.92	81.8	5.78	3.9	SR13	10/20/2019 16:30	27.83	81.4	5.75	3.2	SR13	10/20/2019 22:30	27.82	89.3	6.30	6.8
SR13	10/20/2019 4:35	27.97	87.4	6.17	5.0	SR13	10/20/2019 10:35	27.91	82.5	5.84	4.8	SR13	10/20/2019 16:35	27.83	82.4	5.82	3.9	SR13	10/20/2019 22:35	27.88	89.2	6.29	6.4
SR13	10/20/2019 4:40	27.96	87.7	6.18	3.4	SR13	10/20/2019 10:40	27.92	83.3	5.88	3.3	SR13	10/20/2019 16:40	27.83	83.9	5.92	5.4	SR13	10/20/2019 22:40	27.88	90.2	6.36	6.5
SR13	10/20/2019 4:45	27.93	87.4	6.15	2.7	SR13	10/20/2019 10:45	27.91	83.5	5.90	4.8	SR13	10/20/2019 16:45	27.82	83.8	5.91	5.7	SR13	10/20/2019 22:45	27.87	88.8	6.28	7.6
SR13	10/20/2019 4:50	27.91	87.6	6.19	2.8	SR13	10/20/2019 10:50	27.92	83.7	5.92	3.1	SR13	10/20/2019 16:50	27.82	84.3	5.95	5.4	SR13	10/20/2019 22:50	27.81	88.7	6.26	6.2
SR13	10/20/2019 4:55	27.91	87.0	6.13	5.0	SR13	10/20/2019 10:55	27.93	83.7	5.92	3.6	SR13	10/20/2019 16:55	27.83	84.0	5.93	3.6	SR13	10/20/2019 22:55	27.82	90.1	6.37	4.7
SR13	10/20/2019 5:00	27.92	86.7	6.12	2.9	SR13	10/20/2019 11:00	27.92	82.6	5.86	3.6	SR13	10/20/2019 17:00	27.84	83.7	5.91	6.1	SR13	10/20/2019 23:00	27.78	89.6	6.33	4.6
SR13	10/20/2019 5:05	27.93	86.5	6.10	3.8	SR13	10/20/2019 11:05	27.89	80.9	5.72	2.6	SR13	10/20/2019 17:05	27.84	84.9	6.00	5.9	SR13	10/20/2019 23:05	27.77	89.9	6.36	**14.2**
SR13	10/20/2019 5:10	27.95	85.1	6.01	3.2	SR13	10/20/2019 11:10	27.90	82.5	5.83	4.0	SR13	10/20/2019 17:10	27.84	85.7	6.05	4.7	SR13	10/20/2019 23:10	27.76	89.2	6.31	5.2
SR13	10/20/2019 5:15	27.94	86.9	6.12	4.3	SR13	10/20/2019 11:15	27.91	83.4	5.88	4.8	SR13	10/20/2019 17:15	27.84	85.4	6.04	5.7	SR13	10/20/2019 23:15	27.75	88.4	6.26	5.6
SR13	10/20/2019 5:20	27.96	86.1	6.07	3.3	SR13	10/20/2019 11:20	27.92	83.6	5.90	3.0	SR13	10/20/2019 17:20	27.84	86.8	6.13	4.6	SR13	10/20/2019 23:20	27.76	88.8	6.28	5.9
SR13	10/20/2019 5:25	27.95	84.7	5.97	5.3	SR13	10/20/2019 11:25	27.92	83.8	5.92	3.6	SR13	10/20/2019 17:25	27.84	85.5	6.04	4.5	SR13	10/20/2019 23:25	27.80	88.8	6.28	5.6
SR13	10/20/2019 5:30	27.99	85.3	6.02	5.4	SR13	10/20/2019 11:30	27.94	83.9	5.92	4.7	SR13	10/20/2019 17:30	27.83	86.7	6.12	7.6	SR13	10/20/2019 23:30	27.82	88.7	6.26	5.2
SR13	10/20/2019 5:35	28.01	85.6	6.03	3.1	SR13	10/20/2019 11:35	27.93	83.6	5.90	3.4	SR13	10/20/2019 17:35	27.83	85.1	6.01	5.0	SR13	10/20/2019 23:35	27.80	87.3	6.17	5.8
SR13	10/20/2019 5:40	28.03	84.4	5.94	4.6	SR13	10/20/2019 11:40	27.93	83.7	5.91	3.0	SR13	10/20/2019 17:40	27.82	86.3	6.11	5.9	SR13	10/20/2019 23:40	27.82	87.4	6.18	5.7
SR13	10/20/2019 5:45	28.04	84.6	5.95	4.3	SR13	10/20/2019 11:45	27.93	83.2	5.87	4.4	SR13	10/20/2019 17:45	27.81	86.9	6.15	5.7	SR13	10/20/2019 23:45	27.82	87.9	6.22	4.0
SR13	10/20/2019 5:50	28.05	86.3	6.08	4.4	SR13	10/20/2019 11:50	27.91	82.8	5.84	4.0	SR13	10/20/2019 17:50	27.81	86.9	6.14	6.6	SR13	10/20/2019 23:50	27.81	86.6	6.12	5.1
SR13	10/20/2019 5:55	28.04	86.3	6.07	4.2	SR13	10/20/2019 11:55	27.87	82.6	5.83	4.4	SR13	10/20/2019 17:55	27.81	86.8	6.13	5.5	SR13	10/20/2019 23:55	27.81	87.7	6.20	5.2

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	10/20/2019 0:17	0.28				SR12	10/20/2019 0:17	0.26			
SR4	10/20/2019 0:37	0.30				SR12	10/20/2019 0:37	0.27			
SR4	10/20/2019 0:57	0.29				SR12	10/20/2019 0:57	0.26			
SR4	10/20/2019 1:17	0.27				SR12	10/20/2019 1:17	0.28			
SR4	10/20/2019 1:37	0.26				SR12	10/20/2019 1:37	0.26			
SR4	10/20/2019 1:57	0.27				SR12	10/20/2019 1:57	0.28			
SR4	10/20/2019 2:17	0.27				SR12	10/20/2019 2:17	0.26			
SR4	10/20/2019 2:37	0.27				SR12	10/20/2019 2:37	0.27			
SR4	10/20/2019 2:57	0.27				SR12	10/20/2019 2:57	0.27			
SR4	10/20/2019 3:17	0.27				SR12	10/20/2019 3:17	0.27			
SR4	10/20/2019 3:37	0.26				SR12	10/20/2019 3:37	0.27			
SR4	10/20/2019 3:57	0.27				SR12	10/20/2019 3:57	0.26			
SR4	10/20/2019 4:17	0.25				SR12	10/20/2019 4:17	0.27			
SR4	10/20/2019 4:37	0.27				SR12	10/20/2019 4:37	0.26			
SR4	10/20/2019 4:57	0.27				SR12	10/20/2019 4:57	0.25			
SR4	10/20/2019 5:17	0.25				SR12	10/20/2019 5:17	0.26			
SR4	10/20/2019 5:37	0.27				SR12	10/20/2019 5:37	0.27			
SR4	10/20/2019 5:57	0.27				SR12	10/20/2019 5:57	0.24			
SR4						SR12					
SR4	10/20/2019 6:37	0.27				SR12	10/20/2019 6:37	0.25			
SR4	10/20/2019 6:57	0.27				SR12	10/20/2019 6:57	0.25			
SR4	10/20/2019 7:17	0.25				SR12	10/20/2019 7:17	0.25			
SR4	10/20/2019 7:37	0.24				SR12	10/20/2019 7:37	0.24			
SR4	10/20/2019 7:57	0.25				SR12	10/20/2019 7:57	0.24			
SR4	10/20/2019 8:17	0.24				SR12	10/20/2019 8:17	0.25			
SR4	10/20/2019 8:37	0.26				SR12	10/20/2019 8:37	0.27			
SR4	10/20/2019 8:57	0.24				SR12	10/20/2019 8:57	0.25			
SR4	10/20/2019 9:17	0.23				SR12	10/20/2019 9:17	0.27			
SR4	10/20/2019 9:37	0.24				SR12	10/20/2019 9:37	0.24			
SR4	10/20/2019 9:57	0.26				SR12	10/20/2019 9:57	0.26			
SR4	10/20/2019 10:17	0.24				SR12	10/20/2019 10:17	0.26			
SR4	10/20/2019 10:37	0.25				SR12	10/20/2019 10:37	0.25			
SR4	10/20/2019 10:57	0.26				SR12	10/20/2019 10:57	0.26			
SR4	10/20/2019 11:17	0.23				SR12	10/20/2019 11:17	0.25			
SR4	10/20/2019 11:37	0.24				SR12	10/20/2019 11:37	0.24			
SR4	10/20/2019 11:57	0.23				SR12	10/20/2019 11:57	0.27			
SR4	10/20/2019 12:17	0.23				SR12	10/20/2019 12:17	0.27			
SR4	10/20/2019 12:37	0.23				SR12	10/20/2019 12:37	0.26			
SR4	10/20/2019 12:57	0.23				SR12	10/20/2019 12:57	0.25			
SR4	10/20/2019 13:17	0.21				SR12	10/20/2019 13:17	0.24			
SR4	10/20/2019 13:37	0.24				SR12	10/20/2019 13:37	0.24			
SR4	10/20/2019 13:57	0.23				SR12	10/20/2019 13:57	0.23			
SR4	10/20/2019 14:17	0.22				SR12	10/20/2019 14:17	0.22			
SR4	10/20/2019 14:37	0.24				SR12	10/20/2019 14:37	0.25			
SR4	10/20/2019 14:57	0.24				SR12	10/20/2019 14:57	0.25			
SR4	10/20/2019 15:17	0.22				SR12	10/20/2019 15:17	0.21			
SR4	10/20/2019 15:37	0.21				SR12	10/20/2019 15:37	0.24			
SR4	10/20/2019 15:57	0.21				SR12	10/20/2019 15:57	0.25			
SR4	10/20/2019 16:17	0.21				SR12	10/20/2019 16:17	0.22			
SR4	10/20/2019 16:37	0.24				SR12	10/20/2019 16:37	0.21			
SR4	10/20/2019 16:57	0.21				SR12	10/20/2019 16:57	0.23			
SR4	10/20/2019 17:17	0.24				SR12	10/20/2019 17:17	0.21			
SR4	10/20/2019 17:37	0.24				SR12	10/20/2019 17:37	0.23			
SR4	10/20/2019 17:57	0.22				SR12	10/20/2019 17:57	0.21			
SR4	10/20/2019 18:17	0.22				SR12	10/20/2019 18:17	0.24			
SR4	10/20/2019 18:37	0.24				SR12	10/20/2019 18:37	0.24			
SR4	10/20/2019 18:57	0.22				SR12	10/20/2019 18:57	0.23			
SR4	10/20/2019 19:17	0.21				SR12	10/20/2019 19:17	0.21			
SR4	10/20/2019 19:37	0.22				SR12	10/20/2019 19:37	0.21			
SR4	10/20/2019 19:57	0.20				SR12	10/20/2019 19:57	0.22			
SR4	10/20/2019 20:17	0.19				SR12	10/20/2019 20:17	0.22			
SR4	10/20/2019 20:37	0.21				SR12	10/20/2019 20:37	0.22			
SR4	10/20/2019 20:57	0.21				SR12	10/20/2019 20:57	0.22			
SR4	10/20/2019 21:17	0.19				SR12	10/20/2019 21:17	0.21			
SR4	10/20/2019 21:37	0.21				SR12	10/20/2019 21:37	0.20			
SR4	10/20/2019 21:57	0.21				SR12	10/20/2019 21:57	0.20			
SR4	10/20/2019 22:17	0.20				SR12	10/20/2019 22:17	0.22			
SR4	10/20/2019 22:37	0.20				SR12	10/20/2019 22:37	0.22			
SR4	10/20/2019 22:57	0.20				SR12	10/20/2019 22:57	0.21			
SR4	10/20/2019 23:17	0.22				SR12	10/20/2019 23:17	0.21			
SR4	10/20/2019 23:37	0.22				SR12	10/20/2019 23:37	0.22			
SR4	10/20/2019 23:57	0.22				SR12	10/20/2019 23:57	0.20			

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	10/21/2019 0:01	28.41	81.4	5.68	4.5	SR4	10/21/2019 6:01	28.32	80.2	5.59	3.0	SR4	10/21/2019 12:01	28.28	90.0	6.34	7.1	SR4	10/21/2019 18:01	28.24	87.1	6.13	2.0
SR4	10/21/2019 0:06	28.41	82.7	5.76	4.0	SR4	10/21/2019 6:06	28.32	80.7	5.63	8.1	SR4	10/21/2019 12:06	28.27	91.9	6.47	6.3	SR4	10/21/2019 18:06	28.22	87.3	6.16	1.7
SR4	10/21/2019 0:11	28.37	80.4	5.60	2.9	SR4	10/21/2019 6:11	28.33	78.8	5.50	4.5	SR4	10/21/2019 12:11	28.29	92.9	6.54	5.5	SR4	10/21/2019 18:11	28.24	91.1	6.42	2.6
SR4	10/21/2019 0:16	28.36	80.3	5.59	2.7	SR4	10/21/2019 6:16	28.33	80.5	5.63	4.7	SR4	10/21/2019 12:16	28.28	92.1	6.48	6.1	SR4	10/21/2019 18:16	28.23	89.8	6.34	2.5
SR4	10/21/2019 0:21	28.36	79.0	5.51	2.0	SR4	10/21/2019 6:21	28.34	80.2	5.59	**10.2**	SR4	10/21/2019 12:21	28.29	92.8	6.53	4.9	SR4	10/21/2019 18:21	28.16	87.2	6.14	1.9
SR4	10/21/2019 0:26	28.33	80.3	5.60	2.4	SR4	10/21/2019 6:26	28.33	81.2	5.68	4.4	SR4	10/21/2019 12:26	28.31	91.9	6.46	5.4	SR4	10/21/2019 18:26	28.25	86.4	6.08	1.8
SR4	10/21/2019 0:31	28.35	82.3	5.75	2.4	SR4	10/21/2019 6:31	28.33	80.5	5.62	4.5	SR4	10/21/2019 12:31	28.32	90.6	6.37	4.3	SR4	10/21/2019 18:31	28.22	85.3	6.01	2.3
SR4	10/21/2019 0:36	28.34	79.7	5.56	2.8	SR4	10/21/2019 6:36	28.33	81.7	5.70	5.6	SR4	10/21/2019 12:36	28.32	93.0	6.54	5.7	SR4	10/21/2019 18:36	28.24	85.2	6.01	1.5
SR4	10/21/2019 0:41	28.32	79.7	5.57	2.5	SR4	10/21/2019 6:41	28.34	79.6	5.58	3.6	SR4	10/21/2019 12:41	28.30	92.8	6.53	6.1	SR4	10/21/2019 18:41	28.13	82.9	5.86	1.9
SR4	10/21/2019 0:46	28.31	80.7	5.64	2.3	SR4	10/21/2019 6:46	28.34	82.1	5.76	4.2	SR4	10/21/2019 12:46	28.30	90.6	6.37	5.3	SR4	10/21/2019 18:46	28.16	80.8	5.70	1.6
SR4	10/21/2019 0:51	28.32	81.0	5.68	2.4	SR4	10/21/2019 6:51	28.33	82.5	5.78	4.5	SR4	10/21/2019 12:51	28.31	89.8	6.31	4.9	SR4	10/21/2019 18:51	28.26	82.5	5.81	2.3
SR4	10/21/2019 0:56	28.32	81.3	5.70	5.4	SR4	10/21/2019 6:56	28.34	81.2	5.69	3.7	SR4	10/21/2019 12:56	28.31	90.9	6.38	6.2	SR4	10/21/2019 18:56	28.24	83.1	5.87	2.0
SR4	10/21/2019 1:01	28.31	82.0	5.76	3.1	SR4	10/21/2019 7:01	28.33	84.9	5.95	7.6	SR4	10/21/2019 13:01	28.33	90.2	6.34	6.4	SR4	10/21/2019 19:01	28.33	84.8	5.96	2.4
SR4	10/21/2019 1:06	28.32	80.7	5.66	2.8	SR4	10/21/2019 7:06	28.35	82.3	5.77	5.5	SR4	10/21/2019 13:06	28.35	90.4	6.35	6.9	SR4	10/21/2019 19:06	28.27	82.1	5.78	1.8
SR4	10/21/2019 1:11	28.32	80.0	5.62	2.6	SR4	10/21/2019 7:11	28.34	83.6	5.87	5.4	SR4	10/21/2019 13:11	28.36	91.7	6.43	6.8	SR4	10/21/2019 19:11	28.33	83.6	5.88	2.8
SR4	10/21/2019 1:16	28.32	79.9	5.60	2.5	SR4	10/21/2019 7:16	28.29	74.3	5.22	3.6	SR4	10/21/2019 13:16	28.38	92.1	6.47	5.0	SR4	10/21/2019 19:16	28.31	84.1	5.92	2.0
SR4	10/21/2019 1:21	28.32	80.3	5.60	2.9	SR4	10/21/2019 7:21	28.34	82.8	5.81	4.7	SR4	10/21/2019 13:21	28.38	90.9	6.38	6.5	SR4	10/21/2019 19:21	28.32	85.8	6.04	2.2
SR4	10/21/2019 1:26	28.32	79.5	5.54	2.1	SR4	10/21/2019 7:26	28.35	83.7	5.87	5.2	SR4	10/21/2019 13:26	28.39	92.5	6.48	**10.2**	SR4	10/21/2019 19:26	28.31	82.7	5.81	1.6
SR4	10/21/2019 1:31	28.31	78.7	5.50	2.5	SR4	10/21/2019 7:31	28.35	83.8	5.88	6.1	SR4	10/21/2019 13:31	28.37	93.2	6.54	6.1	SR4	10/21/2019 19:31	28.30	84.8	5.96	1.6
SR4	10/21/2019 1:36	28.29	80.0	5.59	2.1	SR4	10/21/2019 7:36	28.35	83.6	5.86	5.0	SR4	10/21/2019 13:36	28.44	91.7	6.43	4.9	SR4	10/21/2019 19:36	28.31	85.4	6.01	1.6
SR4	10/21/2019 1:41	28.30	77.1	5.38	1.7	SR4	10/21/2019 7:41	28.36	84.3	5.90	4.6	SR4	10/21/2019 13:41	28.36	89.8	6.30	6.5	SR4	10/21/2019 19:41	28.29	86.0	6.06	1.7
SR4	10/21/2019 1:46	28.27	77.6	5.42	2.5	SR4	10/21/2019 7:46	28.35	83.8	5.88	6.0	SR4	10/21/2019 13:46	28.35	89.1	6.26	7.5	SR4	10/21/2019 19:46	28.21	81.0	5.71	1.5
SR4	10/21/2019 1:51	28.29	77.1	5.39	1.6	SR4	10/21/2019 7:51	28.29	78.5	5.52	3.7	SR4	10/21/2019 13:51	28.34	87.4	6.13	5.9	SR4	10/21/2019 19:51	28.23	78.3	5.52	1.3
SR4	10/21/2019 1:56	28.30	79.0	5.52	2.1	SR4	10/21/2019 7:56	28.28	75.4	5.30	5.7	SR4	10/21/2019 13:56	28.34	86.8	6.08	6.2	SR4	10/21/2019 19:56	28.23	82.8	5.83	2.3
SR4	10/21/2019 2:01	28.28	80.3	5.60	4.6	SR4	10/21/2019 8:01	28.28	72.5	5.09	3.3	SR4	10/21/2019 14:01	28.35	87.9	6.16	5.1	SR4	10/21/2019 20:01	28.24	82.7	5.83	2.1
SR4	10/21/2019 2:06	28.28	79.2	5.53	4.1	SR4	10/21/2019 8:06	28.32	73.7	5.17	3.9	SR4	10/21/2019 14:06	28.41	88.4	6.19	3.6	SR4	10/21/2019 20:06	28.25	83.8	5.92	1.9
SR4	10/21/2019 2:11	28.30	77.5	5.42	2.6	SR4	10/21/2019 8:11	28.34	76.2	5.35	3.2	SR4	10/21/2019 14:11	28.36	86.1	6.01	4.7	SR4	10/21/2019 20:11	28.25	85.8	6.05	1.9
SR4	10/21/2019 2:16	28.29	77.5	5.41	1.8	SR4	10/21/2019 8:16	28.32	80.0	5.62	3.4	SR4	10/21/2019 14:16	28.36	86.7	6.05	5.2	SR4	10/21/2019 20:16	28.26	84.8	5.98	1.9
SR4	10/21/2019 2:21	28.29	74.2	5.18	1.3	SR4	10/21/2019 8:21	28.39	78.9	5.52	4.4	SR4	10/21/2019 14:21	28.36	87.6	6.12	8.0	SR4	10/21/2019 20:21	28.26	87.5	6.17	1.7
SR4	10/21/2019 2:26	28.28	75.7	5.29	1.7	SR4	10/21/2019 8:26	28.41	75.4	5.28	3.6	SR4	10/21/2019 14:26	28.36	87.3	6.10	4.6	SR4	10/21/2019 20:26	28.27	86.3	6.08	1.2
SR4	10/21/2019 2:31	28.28	76.1	5.32	1.3	SR4	10/21/2019 8:31	28.36	76.1	5.33	5.7	SR4	10/21/2019 14:31	28.36	85.4	5.96	5.2	SR4	10/21/2019 20:31	28.27	85.9	6.05	1.5
SR4	10/21/2019 2:36	28.29	74.5	5.21	1.9	SR4	10/21/2019 8:36	28.26	91.2	6.40	6.9	SR4	10/21/2019 14:36	28.37	85.8	5.99	4.7	SR4	10/21/2019 20:36	28.27	86.7	6.11	1.7
SR4	10/21/2019 2:41	28.29	73.9	5.16	1.0	SR4	10/21/2019 8:41	28.31	90.9	6.37	4.0	SR4	10/21/2019 14:41	28.36	86.8	6.06	4.5	SR4	10/21/2019 20:41	28.27	86.9	6.13	1.6
SR4	10/21/2019 2:46	28.30	73.3	5.11	1.6	SR4	10/21/2019 8:46	28.33	88.2	6.19	3.8	SR4	10/21/2019 14:46	28.37	85.6	5.98	4.4	SR4	10/21/2019 20:46	28.27	89.7	6.32	2.9
SR4	10/21/2019 2:51	28.30	76.4	5.35	1.6	SR4	10/21/2019 8:51	28.31	89.9	6.31	4.0	SR4	10/21/2019 14:51	28.37	85.9	6.02	4.5	SR4	10/21/2019 20:51	28.27	92.2	6.49	2.7
SR4	10/21/2019 2:56	28.29	75.9	5.32	1.7	SR4	10/21/2019 8:56	28.32	92.0	6.47	4.2	SR4	10/21/2019 14:56	28.37	85.2	5.98	6.3	SR4	10/21/2019 20:56	28.26	89.7	6.32	2.3
SR4	10/21/2019 3:01	28.28	76.8	5.38	1.9	SR4	10/21/2019 9:01	28.24	91.9	6.46	4.7	SR4	10/21/2019 15:01	28.37	86.7	6.08	5.6	SR4	10/21/2019 21:01	28.29	89.2	6.29	2.2
SR4	10/21/2019 3:06	28.25	72.3	5.05	1.8	SR4	10/21/2019 9:06	28.27	93.3	6.56	4.8	SR4	10/21/2019 15:06	28.38	86.5	6.07	5.3	SR4	10/21/2019 21:06	28.34	91.4	6.44	2.2
SR4	10/21/2019 3:11	28.24	73.9	5.17	2.8	SR4	10/21/2019 9:11	28.28	93.3	6.56	4.3	SR4	10/21/2019 15:11	28.36	86.6	6.08	3.8	SR4	10/21/2019 21:11	28.30	91.0	6.41	2.1
SR4	10/21/2019 3:16	28.25	71.1	4.97	1.2	SR4	10/21/2019 9:16	28.29	95.0	6.68	4.0	SR4	10/21/2019 15:16	28.38	86.1	6.05	5.4	SR4	10/21/2019 21:16	28.33	91.2	6.42	2.3
SR4	10/21/2019 3:21	28.19	67.3	4.70	1.0	SR4	10/21/2019 9:21	28.30	95.1	6.68	3.9	SR4	10/21/2019 15:21	28.38	85.0	5.95	5.8	SR4	10/21/2019 21:21	28.35	89.7	6.31	1.9
SR4	10/21/2019 3:26	28.25	72.0	5.03	1.8	SR4	10/21/2019 9:26	28.30	95.3	6.71	6.4	SR4	10/21/2019 15:26	28.38	83.8	5.88	5.9	SR4	10/21/2019 21:26	28.35	88.7	6.24	1.8
SR4	10/21/2019 3:31	28.27	71.6	5.02	2.2	SR4	10/21/2019 9:31	28.31	96.8	6.80	5.3	SR4	10/21/2019 15:31	28.38	83.4	5.84	4.7	SR4	10/21/2019 21:31	28.34	88.2	6.20	3.1
SR4	10/21/2019 3:36	28.28	74.6	5.21	1.4	SR4	10/21/2019 9:36	28.36	98.0	6.88	3.8	SR4	10/21/2019 15:36	28.38	82.5	5.78	4.6	SR4	10/21/2019 21:36	28.34	86.6	6.10	1.6
SR4	10/21/2019 3:41	28.28	73.7	5.16	1.7	SR4	10/21/2019 9:41	28.37	99.8	7.02	3.4	SR4	10/21/2019 15:41	28.39	81.8	5.74	3.7	SR4	10/21/2019 21:41	28.30	90.5	6.37	2.1
SR4	10/21/2019 3:46	28.25	74.6	5.22	2.4	SR4	10/21/2019 9:46	28.38	95.5	6.71	3.0	SR4	10/21/2019 15:46	28.43	90.2	6.34	3.9	SR4	10/21/2019 21:46	28.30	91.1	6.42	2.0
SR4	10/21/2019 3:51	28.26	76.8	5.38	1.7	SR4	10/21/2019 9:51	28.37	95.7	6.72	4.9	SR4	10/21/2019 15:51	28.43	91.3	6.41	4.3	SR4	10/21/2019 21:51	28.30	91.8	6.47	2.4
SR4	10/21/2019 3:56	28.27	74.1	5.18	1.5	SR4	10/21/2019 9:56	28.35	98.2	6.90	3.5	SR4	10/21/2019 15:56	28.43	88.3	6.22	3.1	SR4	10/21/2019 21:56	28.30	91.1	6.42	2.2
SR4	10/21/2019 4:01	28.28	73.1	5.11	1.4	SR4	10/21/2019 10:01	28.38	101.3	7.12	3.6	SR4	10/21/2019 16:01	28.43	86.7	6.10	2.1	SR4	10/21/2019 22:01	28.28	90.9	6.41	2.1
SR4	10/21/2019 4:06	28.13	69.8	4.90	1.4	SR4	10/21/2019 10:06	28.40	100.7	7.08	4.5	SR4	10/21/2019 16:06	28.43	88.8	6.24	2.8	SR4	10/21/2019 22:06	28.29	86.9	6.13	2.0
SR4	10/21/2019 4:11	28.12	69.1	4.85	1.6	SR4	10/21/2019 10:11	28.32	99.1	6.97	3.0	SR4	10/21/2019 16:11	28.38	89.5	6.30	2.1	SR4	10/21/2019 22:11	28.31	86.6	6.10	2.2
SR4	10/21/2019 4:16	28.15	68.1	4.78	1.4	SR4	10/21/2019 10:16	28.30	99.0	6.97	3.6	SR4	10/21/2019 16:16	28.39	91.7	6.44	2.4	SR4	10/21/2019 22:16	28.31	86.5	6.08	2.1
SR4	10/21/2019 4:21	28.21	69.1	4.84	1.3	SR4	10/21/2019 10:21	28.33	101.0	7.10	3.3	SR4	10/21/2019 16:21	28.38	90.6	6.37	2.3	SR4	10/21/2019 22:21	28.30	85.9	6.02	1.8
SR4	10/21/2019 4:26	28.26	69.3	4.85	1.6	SR4						SR4	10/21/2019 16:26	28.39	90.7	6.38	2.3	SR4	10/21/2019 22:26	28.32	84.9	5.95	2.2
SR4	10/21/2019 4:31	28.28	75.3	5.28	2.8	SR4						SR4	10/21/2019 16:31	28.37	88.3	6.20	1.7	SR4	10/21/2019 22:31	28.32	85.1	5.96	3.0
SR4	10/21/2019 4:36	28.27	69.5	4.88	1.9	SR4						SR4	10/21/2019 16:36	28.38	92.3	6.49	4.1	SR4	10/21/2019 22:36	28.32	86.4	6.05	2.6
SR4	10/21/2019 4:41	28.30	74.6	5.24	1.9	SR4						SR4	10/21/2019 16:41	28.37	91.0	6.40	1.8	SR4	10/21/2019 22:41	28.36	88.9	6.22	3.4
SR4	10/21/2019 4:46	28.29	75.8	5.33	2.0	SR4						SR4	10/21/2019 16:46	28.35	90.3	6.35	2.2	SR4	10/21/2019 22:46	28.37	88.2	6.17	2.8
SR4	10/21/2019 4:51	28.28	76.9	5.41	**12.4**	SR4						SR4	10/21/2019 16:51	28.37	89.0	6.25	2.3	SR4	10/21/2019 22:51	28.36	88.9	6.22	4.2
SR4	10/21/2019 4:56	28.29	77.5	5.45	3.2	SR4						SR4	10/21/2019 16:56	28.38	88.9	6.25	2.9	SR4	10/21/2019 22:56	28.37	90.9	6.35	3.0
SR4	10/21/2019 5:01	28.28	76.0	5.35	1.9	SR4						SR4	10/21/2019 17:01	28.30	87.2	6.13	1.6	SR4	10/21/2019 23:01	28.37	88.9	6.22	2.7
SR4	10/21/2019 5:06	28.28	73.9	5.20	1.4	SR4						SR4	10/21/2019 17:06	28.33	87.4	6.16	1.4	SR4	10/21/2019 23:06	28.36	82.9	5.80	4.3
SR4	10/21/2019 5:11	28.26	71.2	5.00	2.1	SR4						SR4	10/21/2019 17:11	28.20	88.0	6.20	2.9	SR4	10/21/2019 23:11	28.36	82.1	5.74	4.6
SR4	10/21/2019 5:16	28.27	74.6	5.24	1.8	SR4						SR4	10/21/2019 17:16	28.21	87.6	6.18	2.3	SR4	10/21/2019 23:16	28.36	82.0	5.74	4.9
SR4	10/21/2019 5:21	28.26	76.8	5.40	2.2	SR4						SR4	10/21/2019 17:21	28.29	87.7	6.18	2.1	SR4	10/21/2019 23:21	28.36	82.5	5.78	4.9
SR4	10/21/2019 5:26	28.27	79.0	5.56	1.8	SR4						SR4	10/21/2019 17:26	28.31	87.9	6.19	2.4	SR4	10/21/2019 23:26	28.36	81.2	5.71	4.3
SR4	10/21/2019 5:31	28.26	75.6	5.30	1.4	SR4						SR4	10/21/2019 17:31	28.29	85.3	6.01	1.4	SR4	10/21/2019 23:31	28.36	82.6	5.80	4.2
SR4	10/21/2019 5:36	28.27	76.8	5.40	1.7	SR4	10/21/2019 11:36	28.56	90.7	6.37	3.2	SR4	10/21/2019 17:36	28.29	86.6	6.10	1.8	SR4	10/21/2019 23:36	28.36	79.2	5.57	3.4
SR4	10/21/2019 5:41	28.28	76.9	5.39	2.0	SR4	10/21/2019 11:41	28.59	95.5	6.70	2.7	SR4	10/21/2019 17:41	28.28	86.5	6.08	1.8	SR4	10/21/2019 23:41	28.36	80.4	5.64	4.6
SR4	10/21/2019 5:46	28.28	76.7	5.36	1.7	SR4	10/21/2019 11:46	28.56	96.4	6.76	3.2	SR4	10/21/2019 17:46	28.26	87.4	6.16	2.0	SR4	10/21/2019 23:46	28.36	79.7	5.59	4.1
SR4	10/21/2019 5:51	28.28	75.7	5.28	2.1	SR4	10/21/2019 11:51	28.38	95.5	6.71	4.2	SR4	10/21/2019 17:51	28.25	87.5	6.16	1.7	SR4	10/21/2019 23:51	28.35	79.4	5.54	3.5
SR4	10/21/2019 5:56	28.31	78.4	5.47	6.8	SR4	10/21/2019 11:56	28.28	91.8	6.44	7.4	SR4	10/21/2019 17:56	28.27	88.8	6.26	3.1	SR4	10/21/2019 23:56	28.32	78.7	5.50	2.7

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	10/21/2019 0:00	28.42	82.8	5.57	6.2	SR5	10/21/2019 6:00	28.06	90.4	6.18	4.9	SR5	10/21/2019 12:00	28.31	91.4	6.23	3.9	SR5	10/21/2019 18:00	28.24	86.4	5.85	5.7
SR5	10/21/2019 0:05	28.42	82.2	5.52	6.2	SR5	10/21/2019 6:05	28.08	90.7	6.18	4.6	SR5	10/21/2019 12:05	28.26	90.3	6.16	5.0	SR5	10/21/2019 18:05	28.25	87.1	5.90	3.6
SR5	10/21/2019 0:10	28.42	82.7	5.57	5.2	SR5	10/21/2019 6:10	27.99	90.4	6.17	6.5	SR5	10/21/2019 12:10	28.29	90.5	6.17	4.0	SR5	10/21/2019 18:10	28.25	86.5	5.85	4.7
SR5	10/21/2019 0:15	28.42	82.5	5.54	5.4	SR5	10/21/2019 6:15	28.00	90.9	6.20	5.1	SR5	10/21/2019 12:15	28.25	89.5	6.11	5.6	SR5	10/21/2019 18:15	28.25	86.0	5.82	4.1
SR5	10/21/2019 0:20	28.42	81.3	5.47	5.3	SR5	10/21/2019 6:20	28.02	90.2	6.15	5.2	SR5	10/21/2019 12:20	28.23	90.0	6.14	5.4	SR5	10/21/2019 18:20	28.25	85.9	5.82	4.7
SR5	10/21/2019 0:25	28.42	80.7	5.42	7.4	SR5	10/21/2019 6:25	28.00	90.7	6.19	6.0	SR5	10/21/2019 12:25	28.22	90.6	6.18	4.9	SR5	10/21/2019 18:25	28.24	84.8	5.74	3.6
SR5	10/21/2019 0:30	28.42	81.0	5.45	6.5	SR5	10/21/2019 6:30	28.01	90.3	6.16	5.3	SR5	10/21/2019 12:30	28.22	90.5	6.18	4.4	SR5	10/21/2019 18:30	28.24	85.5	5.79	4.5
SR5	10/21/2019 0:35	28.42	80.9	5.45	5.4	SR5	10/21/2019 6:35	28.02	90.3	6.16	5.1	SR5	10/21/2019 12:35	28.20	90.1	6.15	5.3	SR5	10/21/2019 18:35	28.25	86.3	5.84	4.6
SR5	10/21/2019 0:40	28.42	81.2	5.46	6.3	SR5	10/21/2019 6:40	27.99	90.9	6.22	6.0	SR5	10/21/2019 12:40	28.17	88.2	6.02	3.7	SR5	10/21/2019 18:40	28.24	85.3	5.78	5.3
SR5	10/21/2019 0:45	28.42	80.8	5.43	6.7	SR5	10/21/2019 6:45	27.97	90.3	6.16	7.0	SR5	10/21/2019 12:45	28.17	88.4	6.04	4.1	SR5	10/21/2019 18:45	28.26	85.1	5.76	4.1
SR5	10/21/2019 0:50	28.42	81.2	5.46	5.5	SR5	10/21/2019 6:50	27.99	89.7	6.13	6.1	SR5	10/21/2019 12:50	28.17	87.3	5.95	4.4	SR5	10/21/2019 18:50	28.25	84.5	5.72	4.0
SR5	10/21/2019 0:55	28.42	81.8	5.50	4.8	SR5	10/21/2019 6:55	28.01	90.4	6.17	4.9	SR5	10/21/2019 12:55	28.18	87.8	5.98	4.8	SR5	10/21/2019 18:55	28.23	85.5	5.80	5.6
SR5	10/21/2019 1:00	28.42	81.1	5.46	5.4	SR5	10/21/2019 7:00	27.93	90.4	6.18	5.4	SR5	10/21/2019 13:00	28.19	86.0	5.86	4.0	SR5	10/21/2019 19:00	28.25	85.4	5.79	4.9
SR5	10/21/2019 1:05	28.42	80.0	5.38	5.4	SR5	10/21/2019 7:05	27.91	90.5	6.24	5.5	SR5	10/21/2019 13:05	28.19	86.6	5.91	5.0	SR5	10/21/2019 19:05	28.23	85.0	5.75	4.0
SR5	10/21/2019 1:10	28.42	80.9	5.43	5.0	SR5	10/21/2019 7:10	27.97	91.3	6.26	5.8	SR5	10/21/2019 13:10	28.21	86.0	5.85	4.7	SR5	10/21/2019 19:10	28.24	84.9	5.75	3.7
SR5	10/21/2019 1:15	28.42	80.3	5.39	6.0	SR5	10/21/2019 7:15	27.96	90.5	6.18	5.5	SR5	10/21/2019 13:15	28.22	87.1	5.94	5.2	SR5	10/21/2019 19:15	28.22	85.3	5.79	4.2
SR5	10/21/2019 1:20	28.42	77.8	5.23	6.1	SR5	10/21/2019 7:20	27.95	89.7	6.13	5.4	SR5	10/21/2019 13:20	28.21	83.6	5.69	5.7	SR5	10/21/2019 19:20	28.23	85.1	5.78	3.7
SR5	10/21/2019 1:25	28.42	81.2	5.46	5.1	SR5	10/21/2019 7:25	27.98	90.7	6.25	5.3	SR5	10/21/2019 13:25	28.21	84.8	5.76	4.7	SR5	10/21/2019 19:25	28.22	85.6	5.81	4.6
SR5	10/21/2019 1:30	28.42	82.9	5.57	5.6	SR5	10/21/2019 7:30	27.95	90.3	6.22	4.3	SR5	10/21/2019 13:30	28.22	85.1	5.79	5.1	SR5	10/21/2019 19:30	28.19	85.8	5.82	4.0
SR5	10/21/2019 1:35	28.42	83.6	5.62	4.6	SR5	10/21/2019 7:35	27.95	91.1	6.23	5.0	SR5	10/21/2019 13:35	28.22	84.8	5.75	6.3	SR5	10/21/2019 19:35	28.22	85.4	5.79	4.0
SR5	10/21/2019 1:40	28.38	82.8	5.57	6.0	SR5	10/21/2019 7:40	27.98	89.1	6.09	5.3	SR5	10/21/2019 13:40	28.24	85.8	5.82	4.5	SR5	10/21/2019 19:40	28.19	86.0	5.83	5.0
SR5	10/21/2019 1:45	28.34	83.7	5.64	5.3	SR5	10/21/2019 7:45	27.95	90.3	6.17	5.1	SR5	10/21/2019 13:45	28.24	84.8	5.75	6.4	SR5	10/21/2019 19:45	28.18	85.6	5.81	3.8
SR5	10/21/2019 1:50	28.34	84.3	5.67	5.9	SR5	10/21/2019 7:50	27.90	90.9	6.24	4.3	SR5	10/21/2019 13:50	28.24	84.2	5.71	5.2	SR5	10/21/2019 19:50	28.20	85.0	5.76	4.5
SR5	10/21/2019 1:55	28.34	84.1	5.65	6.2	SR5	10/21/2019 7:55	27.93	91.8	6.29	5.4	SR5	10/21/2019 13:55	28.25	85.3	5.79	4.3	SR5	10/21/2019 19:55	28.20	84.7	5.74	3.2
SR5	10/21/2019 2:00	28.33	83.4	5.61	5.8	SR5	10/21/2019 8:00	27.95	92.1	6.31	5.8	SR5	10/21/2019 14:00	28.26	85.2	5.81	5.1	SR5	10/21/2019 20:00	28.17	83.2	5.64	3.0
SR5	10/21/2019 2:05	28.35	83.8	5.64	5.2	SR5	10/21/2019 8:05	27.98	91.7	6.28	5.0	SR5	10/21/2019 14:05	28.28	83.1	5.65	5.2	SR5	10/21/2019 20:05	28.16	84.1	5.70	4.8
SR5	10/21/2019 2:10	28.34	84.5	5.69	5.9	SR5	10/21/2019 8:10	28.00	91.9	6.29	5.8	SR5	10/21/2019 14:10	28.25	84.1	5.71	6.5	SR5	10/21/2019 20:10	28.18	85.0	5.76	3.3
SR5	10/21/2019 2:15	28.35	85.0	5.72	5.2	SR5	10/21/2019 8:15	27.98	90.6	6.20	5.2	SR5	10/21/2019 14:15	28.26	85.2	5.78	5.6	SR5	10/21/2019 20:15	28.17	86.3	5.85	4.5
SR5	10/21/2019 2:20	28.33	86.9	5.85	5.9	SR5	10/21/2019 8:20	27.98	92.3	6.34	5.8	SR5	10/21/2019 14:20	28.27	85.5	5.80	6.4	SR5	10/21/2019 20:20	28.21	87.1	5.91	4.3
SR5	10/21/2019 2:25	28.29	85.0	5.73	6.9	SR5	10/21/2019 8:25	28.00	91.2	6.25	5.6	SR5	10/21/2019 14:25	28.28	85.3	5.79	5.1	SR5	10/21/2019 20:25	28.20	88.4	6.01	4.7
SR5	10/21/2019 2:30	28.29	86.2	5.82	5.6	SR5	10/21/2019 8:30	28.03	91.3	6.25	3.9	SR5	10/21/2019 14:30	28.28	84.9	5.75	5.4	SR5	10/21/2019 20:30	28.22	86.8	5.89	4.4
SR5	10/21/2019 2:35	28.30	85.8	5.79	5.8	SR5	10/21/2019 8:35	28.02	91.5	6.27	4.5	SR5	10/21/2019 14:35	28.28	84.6	5.73	4.4	SR5	10/21/2019 20:35	28.20	87.2	5.92	3.3
SR5	10/21/2019 2:40	28.28	85.6	5.79	6.0	SR5	10/21/2019 8:40	28.00	92.3	6.33	4.8	SR5	10/21/2019 14:40	28.28	85.2	5.78	5.8	SR5	10/21/2019 20:40	28.18	88.2	5.98	4.4
SR5	10/21/2019 2:45	28.28	85.6	5.78	6.4	SR5	10/21/2019 8:45	28.01	91.4	6.26	5.2	SR5	10/21/2019 14:45	28.28	85.5	5.80	4.9	SR5	10/21/2019 20:45	28.14	88.9	6.05	3.4
SR5	10/21/2019 2:50	28.31	85.5	5.78	5.4	SR5	10/21/2019 8:50	28.01	92.9	6.37	4.5	SR5	10/21/2019 14:50	28.28	84.8	5.74	6.0	SR5	10/21/2019 20:50	28.19	89.3	6.06	2.9
SR5	10/21/2019 2:55	28.30	85.6	5.78	5.2	SR5	10/21/2019 8:55	28.01	91.6	6.33	4.7	SR5	10/21/2019 14:55	28.28	85.4	5.79	6.2	SR5	10/21/2019 20:55	28.12	89.1	6.06	4.2
SR5	10/21/2019 3:00	28.32	84.6	5.71	6.7	SR5	10/21/2019 9:00	28.00	91.6	6.29	4.0	SR5	10/21/2019 15:00	28.28	85.1	5.76	4.5	SR5	10/21/2019 21:00	28.18	89.0	6.05	2.8
SR5	10/21/2019 3:05	28.29	85.6	5.79	5.3	SR5	10/21/2019 9:05	28.00	90.5	6.20	5.4	SR5	10/21/2019 15:05	28.27	84.6	5.73	6.7	SR5	10/21/2019 21:05	28.20	87.8	5.96	4.7
SR5	10/21/2019 3:10	28.25	85.5	5.78	5.1	SR5	10/21/2019 9:10	28.01	89.7	6.18	5.1	SR5	10/21/2019 15:10	28.28	84.7	5.74	4.0	SR5	10/21/2019 21:10	28.16	88.1	5.98	3.6
SR5	10/21/2019 3:15	28.24	85.3	5.76	5.5	SR5	10/21/2019 9:15	28.03	91.3	6.28	3.4	SR5	10/21/2019 15:15	28.28	84.5	5.72	5.0	SR5	10/21/2019 21:15	28.15	87.5	5.94	4.4
SR5	10/21/2019 3:20	28.28	85.4	5.78	5.8	SR5	10/21/2019 9:20	28.03	90.5	6.20	4.1	SR5	10/21/2019 15:20	28.29	84.7	5.73	6.9	SR5	10/21/2019 21:20	28.07	88.2	6.01	4.2
SR5	10/21/2019 3:25	28.24	86.0	5.82	5.7	SR5	10/21/2019 9:25	28.02	90.2	6.23	5.0	SR5	10/21/2019 15:25	28.30	85.8	5.80	5.4	SR5	10/21/2019 21:25	28.08	88.6	6.03	4.3
SR5	10/21/2019 3:30	28.26	85.1	5.75	5.9	SR5	10/21/2019 9:30	28.04	90.4	6.25	4.6	SR5	10/21/2019 15:30	28.31	84.5	5.71	5.2	SR5	10/21/2019 21:30	28.07	87.9	5.98	3.3
SR5	10/21/2019 3:35	28.31	84.2	5.69	4.7	SR5	10/21/2019 9:35	28.03	91.2	6.29	4.4	SR5	10/21/2019 15:35	28.31	85.5	5.79	5.1	SR5	10/21/2019 21:35	28.10	86.5	5.89	3.5
SR5	10/21/2019 3:40	28.30	84.6	5.72	6.1	SR5	10/21/2019 9:40	28.04	90.3	6.23	4.4	SR5	10/21/2019 15:40	28.31	84.5	5.71	4.0	SR5	10/21/2019 21:40	28.09	86.0	5.85	4.3
SR5	10/21/2019 3:45	28.29	84.4	5.71	4.2	SR5	10/21/2019 9:45	28.07	90.9	6.27	5.0	SR5	10/21/2019 15:45	28.31	84.6	5.72	4.8	SR5	10/21/2019 21:45	28.09	86.0	5.84	8.6
SR5	10/21/2019 3:50	28.26	86.3	5.84	5.4	SR5	10/21/2019 9:50	28.11	91.4	6.29	4.2	SR5	10/21/2019 15:50	28.31	84.2	5.69	5.5	SR5	10/21/2019 21:50	28.11	85.3	5.81	5.5
SR5	10/21/2019 3:55	28.27	86.6	5.86	5.6	SR5	10/21/2019 9:55	28.10	90.9	6.27	5.3	SR5	10/21/2019 15:55	28.31	85.0	5.75	5.0	SR5	10/21/2019 21:55	28.17	87.1	5.92	3.1
SR5	10/21/2019 4:00	28.25	85.1	5.76	5.3	SR5	10/21/2019 10:00	28.17	92.5	6.37	3.9	SR5	10/21/2019 16:00	28.32	82.9	5.60	5.5	SR5	10/21/2019 22:00	28.13	86.0	5.84	4.2
SR5	10/21/2019 4:05	28.13	88.8	6.03	4.9	SR5	10/21/2019 10:05	28.15	92.5	6.37	6.1	SR5	10/21/2019 16:05	28.32	84.0	5.67	4.3	SR5	10/21/2019 22:05	28.12	86.2	5.86	3.3
SR5	10/21/2019 4:10	28.09	88.1	5.98	5.2	SR5	10/21/2019 10:10	28.14	91.1	6.27	5.4	SR5	10/21/2019 16:10	28.32	83.4	5.63	5.2	SR5	10/21/2019 22:10	28.05	86.8	5.91	3.8
SR5	10/21/2019 4:15	28.19	87.2	5.92	5.8	SR5	10/21/2019 10:15	28.14	91.9	6.29	5.6	SR5	10/21/2019 16:15	28.32	83.7	5.65	5.4	SR5	10/21/2019 22:15	28.14	86.2	5.85	3.9
SR5	10/21/2019 4:20	28.20	87.2	5.92	6.3	SR5	10/21/2019 10:20	28.12	90.0	6.16	5.3	SR5	10/21/2019 16:20	28.33	83.2	5.62	5.6	SR5	10/21/2019 22:20	28.11	85.2	5.80	2.9
SR5	10/21/2019 4:25	28.17	88.4	6.00	5.8	SR5	10/21/2019 10:25	28.17	92.5	6.33	4.6	SR5	10/21/2019 16:25	28.33	83.3	5.62	4.3	SR5	10/21/2019 22:25	28.15	86.1	5.85	5.1
SR5	10/21/2019 4:30	28.18	88.0	5.96	5.4	SR5	10/21/2019 10:30	28.13	91.3	6.24	4.4	SR5	10/21/2019 16:30	28.33	82.3	5.57	4.9	SR5	10/21/2019 22:30	28.11	85.3	5.80	3.9
SR5	10/21/2019 4:35	28.15	88.1	5.97	5.7	SR5	10/21/2019 10:35	28.12	90.2	6.17	4.6	SR5	10/21/2019 16:35	28.33	83.1	5.62	4.5	SR5	10/21/2019 22:35	28.13	84.1	5.72	4.5
SR5	10/21/2019 4:40	28.13	89.1	6.05	4.8	SR5	10/21/2019 10:40	28.14	90.7	6.20	4.8	SR5	10/21/2019 16:40	28.33	82.5	5.57	5.9	SR5	10/21/2019 22:40	28.12	86.1	5.85	4.4
SR5	10/21/2019 4:45	28.13	88.6	6.02	6.7	SR5	10/21/2019 10:45	28.14	91.4	6.25	4.5	SR5	10/21/2019 16:45	28.33	83.8	5.67	5.2	SR5	10/21/2019 22:45	28.06	86.0	5.85	5.2
SR5	10/21/2019 4:50	28.13	88.4	6.01	5.0	SR5	10/21/2019 10:50	28.24	92.5	6.33	4.7	SR5	10/21/2019 16:50	28.34	82.0	5.53	7.3	SR5	10/21/2019 22:50	28.06	86.7	5.91	5.4
SR5	10/21/2019 4:55	28.13	89.9	6.11	5.5	SR5	10/21/2019 10:55	28.20	91.6	6.26	3.9	SR5	10/21/2019 16:55	28.33	82.5	5.58	5.1	SR5	10/21/2019 22:55	28.07	86.5	5.89	4.8
SR5	10/21/2019 5:00	28.17	89.0	6.05	6.3	SR5	10/21/2019 11:00	28.36	93.8	6.39	3.8	SR5	10/21/2019 17:00	28.33	83.3	5.63	5.6	SR5	10/21/2019 23:00	28.07	84.4	5.74	7.3
SR5	10/21/2019 5:05	28.17	89.0	6.04	5.0	SR5	10/21/2019 11:05	28.29	92.9	6.34	4.2	SR5	10/21/2019 17:05	28.33	82.8	5.59	4.2	SR5	10/21/2019 23:05	28.07	86.5	5.89	5.8
SR5	10/21/2019 5:10	27.80	91.5	6.26	6.1	SR5	10/21/2019 11:10	28.28	91.8	6.27	4.9	SR5	10/21/2019 17:10	28.33	82.3	5.56	4.6	SR5	10/21/2019 23:10	28.10	85.0	5.79	6.0
SR5	10/21/2019 5:15	27.90	90.6	6.19	6.0	SR5	10/21/2019 11:15	28.25	91.5	6.25	4.1	SR5	10/21/2019 17:15	28.33	83.0	5.61	5.1	SR5	10/21/2019 23:15	28.10	87.2	5.93	8.2
SR5	10/21/2019 5:20	27.98	91.4	6.23	5.9	SR5	10/21/2019 11:20	28.26	91.3	6.23	5.1	SR5	10/21/2019 17:20	28.33	82.5	5.57	5.5	SR5	10/21/2019 23:20	28.15	84.9	5.76	4.8
SR5	10/21/2019 5:25	27.98	90.7	6.18	5.5	SR5	10/21/2019 11:25	28.21	91.5	6.25	4.7	SR5	10/21/2019 17:25	28.34	82.5	5.57	5.2	SR5	10/21/2019 23:25	28.05	85.4	5.81	5.2
SR5	10/21/2019 5:30	28.01	90.5	6.16	5.8	SR5	10/21/2019 11:30	28.20	91.9	6.33	4.8	SR5	10/21/2019 17:30	28.34	82.3	5.56	4.4	SR5	10/21/2019 23:30	28.04	85.2	5.80	4.7
SR5	10/21/2019 5:35	28.00	88.5	6.03	6.0	SR5	10/21/2019 11:35	28.20	92.4	6.36	4.7	SR5	10/21/2019 17:35	28.34	81.4	5.50	4.7	SR5	10/21/2019 23:35	28.09	84.7	5.76	4.6
SR5	10/21/2019 5:40	27.98	91.2	6.22	5.6	SR5	10/21/2019 11:40	28.20	92.1	6.34	4.6	SR5	10/21/2019 17:40	28.34	81.4	5.50	4.3	SR5	10/21/2019 23:40	28.11	85.0	5.78	5.5
SR5	10/21/2019 5:45	28.10	90.3	6.15	6.1	SR5	10/21/2019 11:45	28.15	91.6	6.30	3.6	SR5	10/21/2019 17:45	28.34	81.4	5.49	4.6	SR5	10/21/2019 23:45	28.10	84.9	5.78	5.1
SR5	10/21/2019 5:50	27.96	90.8	6.19	5.4	SR5	10/21/2019 11:50	28.17	90.3	6.22	5.0	SR5	10/21/2019 17:50	28.34	82.0	5.54	5.9	SR5	10/21/2019 23:50	28.14	84.4	5.73	4.7
SR5	10/21/2019 5:55	28.02	90.3	6.15	5.9	SR5	10/21/2019 11:55	28.23	92.6	6.38	3.7	SR5	10/21/2019 17:55	28.34	81.7	5.51	4.5	SR5	10/21/2019 23:55	28.19	83.3	5.65	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)
SR12	10/21/2019 0:01	28.11	91.3	6.30	4.1	SR12	10/21/2019 6:01	27.96	82.0	5.64	2.3	SR12	10/21/2019 12:01	27.95	82.6	5.69	5.8	SR12	10/21/2019 18:01	28.75	87.6	6.03	5.8
SR12	10/21/2019 0:06	28.10	91.5	6.32	4.1	SR12	10/21/2019 6:06	27.96	80.8	5.56	3.3	SR12	10/21/2019 12:06	27.88	93.2	6.44	6.4	SR12	10/21/2019 18:06	28.75	87.9	6.05	5.0
SR12	10/21/2019 0:11	28.08	91.5	6.31	5.2	SR12	10/21/2019 6:11	27.96	80.4	5.52	2.8	SR12	10/21/2019 12:11	27.91	93.0	6.43	4.6	SR12	10/21/2019 18:11	28.75	88.5	6.09	5.1
SR12	10/21/2019 0:16	28.08	91.0	6.28	4.4	SR12	10/21/2019 6:16	27.97	80.0	5.49	3.1	SR12	10/21/2019 12:16	27.92	91.1	6.30	3.9	SR12	10/21/2019 18:16	28.76	87.7	6.04	4.9
SR12	10/21/2019 0:21	28.09	92.1	6.36	4.9	SR12	10/21/2019 6:21	27.97	82.2	5.66	2.7	SR12	10/21/2019 12:21	27.91	92.3	6.38	4.5	SR12	10/21/2019 18:21	28.75	87.9	6.07	5.0
SR12	10/21/2019 0:26	28.08	91.4	6.30	5.7	SR12	10/21/2019 6:26	27.96	81.9	5.64	2.5	SR12	10/21/2019 12:26	27.91	93.8	6.49	4.2	SR12	10/21/2019 18:26	28.75	87.3	6.03	6.2
SR12	10/21/2019 0:31	28.08	88.8	6.14	3.6	SR12	10/21/2019 6:31	27.95	82.7	5.70	3.4	SR12	10/21/2019 12:31	27.86	93.7	6.48	4.5	SR12	10/21/2019 18:31	28.75	88.3	6.10	6.3
SR12	10/21/2019 0:36	28.08	89.8	6.19	4.3	SR12	10/21/2019 6:36	27.93	79.6	5.47	3.1	SR12	10/21/2019 12:36	27.88	94.7	6.56	5.0	SR12	10/21/2019 18:36	28.76	88.1	6.09	6.1
SR12	10/21/2019 0:41	28.11	90.5	6.23	4.5	SR12	10/21/2019 6:41	27.93	80.6	5.55	3.6	SR12	10/21/2019 12:41	27.89	94.7	6.56	5.3	SR12	10/21/2019 18:41	28.76	88.3	6.10	4.2
SR12	10/21/2019 0:46	28.10	90.3	6.22	7.5	SR12	10/21/2019 6:46	27.93	78.6	5.41	2.1	SR12	10/21/2019 12:46	27.89	95.9	6.64	4.2	SR12	10/21/2019 18:46	28.76	87.9	6.08	6.0
SR12	10/21/2019 0:51	28.10	90.9	6.27	5.0	SR12	10/21/2019 6:51	27.89	75.9	5.21	2.6	SR12	10/21/2019 12:51	27.90	95.9	6.64	3.9	SR12	10/21/2019 18:51	28.77	87.1	6.01	6.1
SR12	10/21/2019 0:56	28.07	90.8	6.27	5.8	SR12	10/21/2019 6:56	27.93	79.2	5.44	2.6	SR12	10/21/2019 12:56	28.68	96.1	6.66	6.0	SR12	10/21/2019 18:56	28.78	86.3	5.96	6.1
SR12	10/21/2019 1:01	28.09	88.9	6.13	4.3	SR12	10/21/2019 7:01	27.94	79.0	5.44	3.6	SR12	10/21/2019 13:01	28.68	97.2	6.73	5.1	SR12	10/21/2019 19:01	28.78	86.0	5.93	5.4
SR12	10/21/2019 1:06	28.09	89.9	6.20	4.7	SR12	10/21/2019 7:06	27.95	81.1	5.58	3.1	SR12	10/21/2019 13:06	28.72	98.0	6.78	3.5	SR12	10/21/2019 19:06	28.77	85.4	5.89	5.4
SR12	10/21/2019 1:11	28.07	89.9	6.20	3.9	SR12	10/21/2019 7:11	27.95	80.6	5.55	3.0	SR12	10/21/2019 13:11	28.72	99.3	6.88	4.4	SR12	10/21/2019 19:11	28.78	85.0	5.87	5.1
SR12	10/21/2019 1:16	28.09	89.6	6.19	4.4	SR12	10/21/2019 7:16	27.93	81.0	5.58	3.7	SR12	10/21/2019 13:16	28.73	96.3	6.67	3.7	SR12	10/21/2019 19:16	28.81	90.8	6.29	5.0
SR12	10/21/2019 1:21	28.09	88.5	6.09	4.5	SR12	10/21/2019 7:21	27.93	82.7	5.70	2.6	SR12	10/21/2019 13:21	28.72	96.5	6.68	4.9	SR12	10/21/2019 19:21	28.81	91.5	6.33	4.8
SR12	10/21/2019 1:26	28.09	90.2	6.22	4.3	SR12	10/21/2019 7:26	27.94	80.8	5.56	3.0	SR12	10/21/2019 13:26	28.70	98.3	6.80	4.0	SR12	10/21/2019 19:26	28.82	89.4	6.20	4.4
SR12	10/21/2019 1:31	28.10	89.0	6.13	4.2	SR12	10/21/2019 7:31	27.95	80.1	5.51	2.2	SR12						SR12	10/21/2019 19:31	28.82	88.3	6.12	3.5
SR12	10/21/2019 1:36	28.07	88.5	6.10	4.7	SR12	10/21/2019 7:36	27.85	77.8	5.37	3.1	SR12						SR12	10/21/2019 19:36	28.81	89.9	6.22	3.5
SR12	10/21/2019 1:41	28.05	89.3	6.16	6.7	SR12	10/21/2019 7:41	27.84	77.4	5.33	2.4	SR12						SR12	10/21/2019 19:41	28.78	90.4	6.26	3.1
SR12	10/21/2019 1:46	28.04	87.6	6.04	3.5	SR12	10/21/2019 7:46	27.86	76.7	5.28	2.8	SR12						SR12	10/21/2019 19:46	28.79	92.2	6.38	3.6
SR12	10/21/2019 1:51	28.06	87.2	5.98	4.5	SR12	10/21/2019 7:51	27.90	77.4	5.33	1.9	SR12						SR12	10/21/2019 19:51	28.78	91.5	6.34	3.9
SR12	10/21/2019 1:56	28.06	87.3	5.99	5.1	SR12	10/21/2019 7:56	27.94	77.6	5.34	2.7	SR12						SR12	10/21/2019 19:56	28.78	91.7	6.35	3.3
SR12	10/21/2019 2:01	28.07	87.5	6.01	3.6	SR12	10/21/2019 8:01	27.96	81.9	5.64	4.1	SR12						SR12	10/21/2019 20:01	28.76	89.9	6.22	2.7
SR12	10/21/2019 2:06	28.07	85.3	5.86	3.5	SR12	10/21/2019 8:06	27.98	77.8	5.36	3.3	SR12						SR12	10/21/2019 20:06	28.76	92.7	6.42	5.1
SR12	10/21/2019 2:11	28.06	86.0	5.90	3.4	SR12	10/21/2019 8:11	28.01	81.4	5.62	3.4	SR12						SR12	10/21/2019 20:11	28.75	91.8	6.36	3.3
SR12	10/21/2019 2:16	28.06	87.4	6.01	5.0	SR12	10/21/2019 8:16	28.01	82.2	5.68	3.6	SR12						SR12	10/21/2019 20:16	28.72	91.4	6.33	3.3
SR12	10/21/2019 2:21	28.07	87.1	5.98	4.4	SR12	10/21/2019 8:21	28.01	82.9	5.73	**10.6**	SR12						SR12	10/21/2019 20:21	28.74	90.4	6.26	3.6
SR12	10/21/2019 2:26	28.07	87.0	5.98	4.9	SR12	10/21/2019 8:26	28.03	83.4	5.76	8.7	SR12						SR12	10/21/2019 20:26	28.76	90.3	6.25	4.1
SR12	10/21/2019 2:31	28.07	87.3	5.99	5.4	SR12	10/21/2019 8:31	28.02	82.3	5.69	7.2	SR12	10/21/2019 14:31	28.85	102.1	7.08	3.5	SR12	10/21/2019 20:31	28.69	89.2	6.18	3.6
SR12	10/21/2019 2:36	28.07	87.1	5.98	4.4	SR12	10/21/2019 8:36	28.03	80.8	5.59	3.1	SR12	10/21/2019 14:36	28.84	100.1	6.93	3.6	SR12	10/21/2019 20:36	28.70	89.4	6.20	3.2
SR12	10/21/2019 2:41	28.05	86.4	5.92	4.3	SR12	10/21/2019 8:41	28.02	78.9	5.45	3.5	SR12	10/21/2019 14:41	28.84	99.4	6.88	3.9	SR12	10/21/2019 20:41	28.60	89.9	6.23	3.6
SR12	10/21/2019 2:46	28.05	87.0	5.99	5.0	SR12	10/21/2019 8:46	28.02	81.2	5.61	2.5	SR12	10/21/2019 14:46	28.86	99.9	6.92	3.8	SR12	10/21/2019 20:46	28.60	89.9	6.24	3.6
SR12	10/21/2019 2:51	28.05	85.7	5.90	4.7	SR12	10/21/2019 8:51	28.01	82.8	5.73	3.6	SR12	10/21/2019 14:51	28.81	98.6	6.84	3.5	SR12	10/21/2019 20:51	28.64	90.1	6.25	2.9
SR12	10/21/2019 2:56	28.04	86.2	5.93	4.9	SR12	10/21/2019 8:56	28.02	84.4	5.84	2.8	SR12	10/21/2019 14:56	28.83	97.4	6.74	3.8	SR12	10/21/2019 20:56	28.66	90.3	6.26	3.3
SR12	10/21/2019 3:01	28.04	85.5	5.87	4.5	SR12	10/21/2019 9:01	28.01	82.1	5.66	2.8	SR12	10/21/2019 15:01	28.82	98.5	6.83	4.4	SR12	10/21/2019 21:01	28.64	88.5	6.13	2.8
SR12	10/21/2019 3:06	28.04	86.7	5.95	4.7	SR12	10/21/2019 9:06	28.02	82.9	5.73	2.7	SR12	10/21/2019 15:06	28.87	92.7	6.42	3.6	SR12	10/21/2019 21:06	28.64	89.5	6.21	3.4
SR12	10/21/2019 3:11	28.04	85.7	5.89	4.4	SR12	10/21/2019 9:11	28.02	83.0	5.72	3.4	SR12	10/21/2019 15:11	28.89	96.1	6.65	4.1	SR12	10/21/2019 21:11	28.63	89.4	6.19	3.2
SR12	10/21/2019 3:16	28.04	85.6	5.87	4.9	SR12	10/21/2019 9:16	28.02	82.9	5.71	3.1	SR12	10/21/2019 15:16	28.87	96.7	6.69	3.8	SR12	10/21/2019 21:16	28.61	90.0	6.25	3.5
SR12	10/21/2019 3:21	28.04	86.3	5.93	5.6	SR12	10/21/2019 9:21	28.01	82.2	5.65	2.7	SR12	10/21/2019 15:21	28.74	96.0	6.65	4.1	SR12	10/21/2019 21:21	28.63	90.1	6.26	2.9
SR12	10/21/2019 3:26	28.04	87.8	6.02	7.6	SR12	10/21/2019 9:26	28.03	84.2	5.79	6.5	SR12	10/21/2019 15:26	28.67	93.5	6.47	7.2	SR12	10/21/2019 21:26	28.67	91.1	6.33	3.9
SR12	10/21/2019 3:31	28.04	86.4	5.93	4.6	SR12	10/21/2019 9:31	28.04	85.5	5.87	3.7	SR12	10/21/2019 15:31	28.68	92.1	6.39	6.2	SR12	10/21/2019 21:31	28.67	89.9	6.24	3.6
SR12	10/21/2019 3:36	28.06	87.2	5.99	4.5	SR12	10/21/2019 9:36	28.05	85.8	5.92	7.2	SR12	10/21/2019 15:36	28.68	93.5	6.49	6.5	SR12	10/21/2019 21:36	28.66	89.9	6.25	3.6
SR12	10/21/2019 3:41	28.04	85.6	5.87	3.5	SR12	10/21/2019 9:41	28.07	84.4	5.81	4.1	SR12	10/21/2019 15:41	28.69	94.1	6.53	5.1	SR12	10/21/2019 21:41	28.68	92.6	6.44	3.9
SR12	10/21/2019 3:46	28.04	85.6	5.87	4.0	SR12	10/21/2019 9:46	28.07	85.7	5.90	4.7	SR12	10/21/2019 15:46	28.69	93.5	6.48	5.5	SR12	10/21/2019 21:46	28.67	91.6	6.38	3.5
SR12	10/21/2019 3:51	28.07	84.6	5.81	3.1	SR12	10/21/2019 9:51	28.08	85.4	5.87	8.8	SR12	10/21/2019 15:51	28.70	94.0	6.52	5.4	SR12	10/21/2019 21:51	28.63	89.8	6.23	2.9
SR12	10/21/2019 3:56	28.06	85.5	5.86	3.2	SR12	10/21/2019 9:56	28.08	86.1	5.93	4.5	SR12	10/21/2019 15:56	28.71	93.3	6.47	5.4	SR12	10/21/2019 21:56	28.69	89.3	6.19	2.8
SR12	10/21/2019 4:01	28.06	86.8	5.97	3.5	SR12	10/21/2019 10:01	28.08	85.6	5.89	5.3	SR12	10/21/2019 16:01	28.72	92.4	6.40	4.6	SR12	10/21/2019 22:01	28.67	88.5	6.14	3.6
SR12	10/21/2019 4:06	28.04	85.0	5.84	3.5	SR12	10/21/2019 10:06	28.08	86.4	5.96	5.6	SR12	10/21/2019 16:06	28.71	94.0	6.51	5.5	SR12	10/21/2019 22:06	28.69	88.4	6.14	3.2
SR12	10/21/2019 4:11	28.02	84.9	5.83	3.1	SR12	10/21/2019 10:11	28.08	85.0	5.87	4.3	SR12	10/21/2019 16:11	28.70	93.8	6.51	5.7	SR12	10/21/2019 22:11	28.61	86.8	6.04	3.0
SR12	10/21/2019 4:16	28.01	85.5	5.88	3.7	SR12	10/21/2019 10:16	28.08	86.7	6.00	5.0	SR12	10/21/2019 16:16	28.70	92.3	6.39	4.8	SR12	10/21/2019 22:16	28.63	85.4	5.93	2.7
SR12	10/21/2019 4:21	28.00	85.7	5.91	4.0	SR12	10/21/2019 10:21	28.07	87.0	6.00	4.3	SR12	10/21/2019 16:21	28.71	91.6	6.34	5.0	SR12	10/21/2019 22:21	28.70	86.6	6.01	3.7
SR12	10/21/2019 4:26	27.99	85.8	5.92	5.7	SR12	10/21/2019 10:26	28.06	86.1	5.94	4.2	SR12	10/21/2019 16:26	28.72	92.4	6.39	6.1	SR12	10/21/2019 22:26	28.68	87.1	6.06	3.0
SR12	10/21/2019 4:31	27.98	86.3	5.96	3.8	SR12	10/21/2019 10:31	28.04	88.7	6.12	7.3	SR12	10/21/2019 16:31	28.73	91.9	6.36	6.0	SR12	10/21/2019 22:31	28.75	88.4	6.13	3.8
SR12	10/21/2019 4:36	27.98	85.3	5.88	3.7	SR12	10/21/2019 10:36	28.03	86.9	5.99	5.9	SR12	10/21/2019 16:36	28.75	92.0	6.37	6.7	SR12	10/21/2019 22:36	28.69	86.6	6.01	3.1
SR12	10/21/2019 4:41	27.98	84.9	5.86	3.7	SR12	10/21/2019 10:41	28.00	87.7	6.06	4.7	SR12	10/21/2019 16:41	28.77	92.8	6.42	6.4	SR12	10/21/2019 22:41	28.72	87.6	6.07	3.4
SR12	10/21/2019 4:46	27.98	84.6	5.83	3.0	SR12	10/21/2019 10:46	27.98	81.2	5.60	4.0	SR12	10/21/2019 16:46	28.78	93.0	6.43	5.5	SR12	10/21/2019 22:46	28.71	88.0	6.11	2.8
SR12	10/21/2019 4:51	27.98	85.0	5.84	3.5	SR12	10/21/2019 10:51	27.98	87.1	6.02	4.8	SR12	10/21/2019 16:51	28.79	92.1	6.37	5.8	SR12	10/21/2019 22:51	28.72	89.2	6.19	2.9
SR12	10/21/2019 4:56	27.98	84.4	5.80	3.3	SR12	10/21/2019 10:56	27.97	87.7	6.06	5.6	SR12	10/21/2019 16:56	28.80	93.1	6.43	9.0	SR12	10/21/2019 22:56	28.72	87.1	6.03	3.0
SR12	10/21/2019 5:01	27.98	83.8	5.76	3.2	SR12	10/21/2019 11:01	27.95	87.9	6.07	5.8	SR12	10/21/2019 17:01	28.79	93.6	6.47	5.7	SR12	10/21/2019 23:01	28.71	88.5	6.13	3.0
SR12	10/21/2019 5:06	27.97	84.7	5.83	3.2	SR12	10/21/2019 11:06	27.95	87.7	6.05	4.3	SR12	10/21/2019 17:06	28.84	92.5	6.39	4.9	SR12	10/21/2019 23:06	28.72	88.9	6.17	2.7
SR12	10/21/2019 5:11	27.98	82.6	5.68	2.5	SR12	10/21/2019 11:11	27.96	88.0	6.07	4.6	SR12	10/21/2019 17:11	28.78	91.1	6.29	6.9	SR12	10/21/2019 23:11	28.73	89.3	6.20	2.7
SR12	10/21/2019 5:16	27.96	83.0	5.71	3.6	SR12	10/21/2019 11:16	27.95	87.8	6.06	6.3	SR12	10/21/2019 17:16	28.78	90.5	6.26	7.4	SR12	10/21/2019 23:16	28.68	85.8	5.96	2.8
SR12	10/21/2019 5:21	27.97	82.7	5.69	2.9	SR12	10/21/2019 11:21	27.91	84.1	5.81	3.8	SR12	10/21/2019 17:21	28.77	89.3	6.16	6.4	SR12	10/21/2019 23:21	28.69	83.9	5.83	2.4
SR12	10/21/2019 5:26	27.98	84.0	5.78	3.1	SR12	10/21/2019 11:26	27.91	81.9	5.66	5.8	SR12	10/21/2019 17:26	28.77	88.7	6.12	6.1	SR12	10/21/2019 23:26	28.68	87.1	6.04	3.6
SR12	10/21/2019 5:31	27.96	84.9	5.83	5.5	SR12	10/21/2019 11:31	27.92	79.9	5.51	3.5	SR12	10/21/2019 17:31	28.76	89.5	6.18	5.0	SR12	10/21/2019 23:31	28.68	87.0	6.04	3.8
SR12	10/21/2019 5:36	27.97	84.1	5.78	4.3	SR12	10/21/2019 11:36	27.96	80.8	5.57	4.1	SR12	10/21/2019 17:36	28.81	89.8	6.19	4.2	SR12	10/21/2019 23:36	28.69	87.8	6.11	3.4
SR12	10/21/2019 5:41	27.97	83.0	5.71	3.8	SR12	10/21/2019 11:41	27.99	82.5	5.70	3.6	SR12	10/21/2019 17:41	28.76	88.1	6.06	5.5	SR12	10/21/2019 23:41	28.68	89.2	6.20	3.7
SR12	10/21/2019 5:46	27.97	83.0	5.71	3.4	SR12	10/21/2019 11:46	27.97	85.2	5.89	3.9	SR12	10/21/2019 17:46	28.75	88.5	6.09	5.4	SR12	10/21/2019 23:46	28.67	88.6	6.16	2.9
SR12	10/21/2019 5:51	27.96	80.6	5.54	2.7	SR12	10/21/2019 11:51	28.00	84.5	5.82	4.4	SR12	10/21/2019 17:51	28.75	89.0	6.13	7.1	SR12	10/21/2019 23:51	28.67	90.5	6.29	3.1
SR12	10/21/2019 5:56	27.96	81.7	5.62	3.4	SR12	10/21/2019 11:56	28.00	82.1	5.65	4.6	SR12	10/21/2019 17:56	28.74	88.9	6.12	4.6	SR12	10/21/2019 23:56	28.68	89.6	6.22	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)
SR13	10/21/2019 0:00	27.78	87.4	6.18	5.4	SR13	10/21/2019 6:00	27.76	86.4	6.11	4.7	SR13	10/21/2019 12:00	27.84	82.5	5.85	3.5	SR13	10/21/2019 18:00	27.63	87.4	6.20	5.3
SR13	10/21/2019 0:05	27.80	88.1	6.24	6.1	SR13	10/21/2019 6:05	27.77	86.6	6.12	3.8	SR13	10/21/2019 12:05	27.82	83.0	5.89	3.9	SR13	10/21/2019 18:05	27.63	87.7	6.23	6.2
SR13	10/21/2019 0:10	27.79	88.5	6.26	6.2	SR13	10/21/2019 6:10	27.78	85.8	6.06	5.1	SR13	10/21/2019 12:10	27.79	82.3	5.84	4.7	SR13	10/21/2019 18:10	27.67	87.4	6.20	5.8
SR13	10/21/2019 0:15	27.78	87.9	6.22	5.5	SR13	10/21/2019 6:15	27.79	86.0	6.09	4.2	SR13	10/21/2019 12:15	27.78	81.8	5.81	4.6	SR13	10/21/2019 18:15	27.69	88.7	6.29	5.5
SR13	10/21/2019 0:20	27.78	86.0	6.10	6.8	SR13	10/21/2019 6:20	27.81	86.2	6.10	5.5	SR13	10/21/2019 12:20	27.76	82.2	5.83	5.1	SR13	10/21/2019 18:20	27.94	87.8	6.23	6.7
SR13	10/21/2019 0:25	27.80	85.8	6.07	3.8	SR13	10/21/2019 6:25	27.81	86.2	6.10	4.1	SR13	10/21/2019 12:25	27.73	81.9	5.81	4.9	SR13	10/21/2019 18:25	27.94	88.5	6.28	6.4
SR13	10/21/2019 0:30	27.78	85.5	6.05	4.4	SR13	10/21/2019 6:30	27.81	86.5	6.12	4.9	SR13	10/21/2019 12:30	27.74	82.7	5.87	3.8	SR13	10/21/2019 18:30	27.93	85.9	6.09	5.8
SR13	10/21/2019 0:35	27.76	85.1	6.02	4.9	SR13	10/21/2019 6:35	27.80	86.7	6.14	3.8	SR13	10/21/2019 12:35	27.74	82.9	5.88	4.8	SR13	10/21/2019 18:35	27.91	89.2	6.33	6.4
SR13	10/21/2019 0:40	27.77	85.8	6.07	5.6	SR13	10/21/2019 6:40	27.81	86.4	6.12	6.5	SR13	10/21/2019 12:40	27.74	82.5	5.85	4.4	SR13	10/21/2019 18:40	27.89	88.3	6.26	5.4
SR13	10/21/2019 0:45	27.77	86.9	6.15	4.3	SR13	10/21/2019 6:45	27.83	86.7	6.14	4.5	SR13	10/21/2019 12:45	27.74	82.8	5.88	5.0	SR13	10/21/2019 18:45	27.93	88.6	6.29	5.3
SR13	10/21/2019 0:50	27.77	86.7	6.13	4.6	SR13	10/21/2019 6:50	27.84	87.3	6.19	4.7	SR13	10/21/2019 12:50	27.73	82.8	5.87	4.3	SR13	10/21/2019 18:50	27.91	89.0	6.31	6.1
SR13	10/21/2019 0:55	27.76	86.8	6.15	4.6	SR13	10/21/2019 6:55	27.84	87.0	6.16	5.0	SR13	10/21/2019 12:55	27.73	81.6	5.79	4.5	SR13	10/21/2019 18:55	27.88	89.8	6.37	5.7
SR13	10/21/2019 1:00	27.76	87.2	6.17	6.2	SR13	10/21/2019 7:00	27.82	86.3	6.12	5.7	SR13	10/21/2019 13:00	27.69	81.3	5.77	4.0	SR13	10/21/2019 19:00	27.86	89.4	6.34	5.5
SR13	10/21/2019 1:05	27.75	86.8	6.15	4.8	SR13	10/21/2019 7:05	27.81	86.0	6.09	5.0	SR13	10/21/2019 13:05	27.66	80.8	5.74	4.0	SR13	10/21/2019 19:05	27.83	87.6	6.22	5.8
SR13	10/21/2019 1:10	27.77	86.9	6.15	6.1	SR13	10/21/2019 7:10	27.80	86.2	6.11	4.5	SR13	10/21/2019 13:10	27.65	81.4	5.77	4.4	SR13	10/21/2019 19:10	27.83	86.7	6.16	6.6
SR13	10/21/2019 1:15	27.76	87.3	6.19	5.2	SR13	10/21/2019 7:15	27.81	85.8	6.07	5.1	SR13	10/21/2019 13:15	27.66	81.8	5.80	5.2	SR13	10/21/2019 19:15	27.83	86.3	6.13	3.6
SR13	10/21/2019 1:20	27.75	87.3	6.18	4.5	SR13	10/21/2019 7:20	27.79	85.4	6.04	4.3	SR13	10/21/2019 13:20	27.67	81.7	5.79	5.4	SR13	10/21/2019 19:20	27.84	86.5	6.14	4.9
SR13	10/21/2019 1:25	27.73	86.1	6.10	4.5	SR13	10/21/2019 7:25	27.79	85.6	6.05	5.7	SR13	10/21/2019 13:25	27.67	82.5	5.85	5.4	SR13	10/21/2019 19:25	27.86	87.8	6.23	3.6
SR13	10/21/2019 1:30	27.71	85.3	6.06	4.9	SR13	10/21/2019 7:30	27.77	85.1	6.02	4.3	SR13	10/21/2019 13:30	27.67	81.2	5.76	3.5	SR13	10/21/2019 19:30	27.86	89.3	6.34	4.1
SR13	10/21/2019 1:35	27.68	83.8	5.93	3.8	SR13	10/21/2019 7:35	27.75	84.0	5.94	5.0	SR13	10/21/2019 13:35	27.67	81.1	5.75	4.2	SR13	10/21/2019 19:35	27.90	89.4	6.34	5.9
SR13	10/21/2019 1:40	27.71	85.4	6.04	5.1	SR13	10/21/2019 7:40	27.74	85.1	6.02	4.3	SR13	10/21/2019 13:40	27.67	81.7	5.80	4.4	SR13	10/21/2019 19:40	27.91	88.3	6.26	5.4
SR13	10/21/2019 1:45	27.74	85.5	6.05	4.6	SR13	10/21/2019 7:45	27.76	85.3	6.03	5.5	SR13	10/21/2019 13:45	27.68	82.1	5.82	5.9	SR13	10/21/2019 19:45	27.88	88.2	6.25	3.9
SR13	10/21/2019 1:50	27.74	85.2	6.02	4.8	SR13	10/21/2019 7:50	27.75	85.7	6.06	5.0	SR13	10/21/2019 13:50	27.67	82.1	5.83	6.2	SR13	10/21/2019 19:50	27.87	92.7	6.57	4.4
SR13	10/21/2019 1:55	27.75	85.6	6.05	5.2	SR13	10/21/2019 7:55	27.74	85.6	6.04	6.1	SR13	10/21/2019 13:55	27.68	81.4	5.78	6.1	SR13	10/21/2019 19:55	27.88	92.5	6.56	5.0
SR13	10/21/2019 2:00	27.75	85.8	6.06	3.8	SR13	10/21/2019 8:00	27.71	86.0	6.08	5.6	SR13	10/21/2019 14:00	27.69	81.1	5.75	3.5	SR13	10/21/2019 20:00	27.88	90.9	6.44	4.8
SR13	10/21/2019 2:05	27.77	86.6	6.12	6.2	SR13	10/21/2019 8:05	27.70	85.6	6.05	6.0	SR13	10/21/2019 14:05	27.67	81.1	5.75	4.7	SR13	10/21/2019 20:05	27.88	91.3	6.47	4.9
SR13	10/21/2019 2:10	27.77	85.2	6.02	5.4	SR13	10/21/2019 8:10	27.68	85.9	6.08	6.0	SR13	10/21/2019 14:10	27.68	81.8	5.81	3.5	SR13	10/21/2019 20:10	27.89	91.8	6.51	4.0
SR13	10/21/2019 2:15	27.78	85.6	6.05	4.7	SR13	10/21/2019 8:15	27.67	84.2	5.96	5.6	SR13	10/21/2019 14:15	27.65	82.4	5.85	3.6	SR13	10/21/2019 20:15	27.86	91.4	6.48	4.3
SR13	10/21/2019 2:20	27.77	86.4	6.12	4.4	SR13	10/21/2019 8:20	27.66	84.7	5.99	4.4	SR13	10/21/2019 14:20	27.62	81.6	5.79	5.0	SR13	10/21/2019 20:20	27.89	91.7	6.51	5.3
SR13	10/21/2019 2:25	27.75	86.3	6.11	4.3	SR13	10/21/2019 8:25	27.65	84.9	6.01	5.3	SR13	10/21/2019 14:25	27.62	81.6	5.79	3.6	SR13	10/21/2019 20:25	27.90	92.2	6.55	4.9
SR13	10/21/2019 2:30	27.75	89.2	6.31	4.5	SR13	10/21/2019 8:30	27.65	84.9	6.00	6.5	SR13	10/21/2019 14:30	27.61	80.8	5.73	3.5	SR13	10/21/2019 20:30	27.92	90.6	6.43	5.6
SR13	10/21/2019 2:35	27.74	87.9	6.22	4.4	SR13	10/21/2019 8:35	27.65	84.8	6.00	5.1	SR13	10/21/2019 14:35	27.61	79.9	5.67	4.6	SR13	10/21/2019 20:35	27.94	91.9	6.52	5.2
SR13	10/21/2019 2:40	27.74	85.4	6.04	5.7	SR13	10/21/2019 8:40	27.65	85.3	6.03	7.1	SR13	10/21/2019 14:40	27.62	81.0	5.74	3.8	SR13	10/21/2019 20:40	27.95	92.1	6.54	5.3
SR13	10/21/2019 2:45	27.75	86.2	6.11	4.3	SR13	10/21/2019 8:45	27.65	84.6	5.99	5.3	SR13	10/21/2019 14:45	27.62	80.9	5.73	5.2	SR13	10/21/2019 20:45	27.93	92.3	6.55	6.2
SR13	10/21/2019 2:50	27.75	84.7	5.99	3.7	SR13	10/21/2019 8:50	27.66	85.3	6.03	6.4	SR13	10/21/2019 14:50	27.65	82.5	5.84	5.1	SR13	10/21/2019 20:50	27.97	92.1	6.53	5.3
SR13	10/21/2019 2:55	27.73	84.4	5.98	5.5	SR13	10/21/2019 8:55	27.67	85.1	6.03	5.4	SR13	10/21/2019 14:55	27.65	82.5	5.84	4.4	SR13	10/21/2019 20:55	27.98	92.0	6.53	6.0
SR13	10/21/2019 3:00	27.73	84.9	6.01	4.9	SR13	10/21/2019 9:00	27.69	85.0	6.02	6.2	SR13	10/21/2019 15:00	27.65	83.1	5.89	5.0	SR13	10/21/2019 21:00	28.00	91.4	6.49	5.3
SR13	10/21/2019 3:05	27.74	86.5	6.12	4.6	SR13	10/21/2019 9:05	27.69	84.1	5.95	4.5	SR13	10/21/2019 15:05	27.68	83.2	5.90	4.7	SR13	10/21/2019 21:05	28.01	91.6	6.50	5.0
SR13	10/21/2019 3:10	27.73	86.4	6.12	4.1	SR13	10/21/2019 9:10	27.71	84.7	5.99	6.1	SR13	10/21/2019 15:10	27.69	82.7	5.86	5.5	SR13	10/21/2019 21:10	28.01	92.2	6.55	6.1
SR13	10/21/2019 3:15	27.70	87.1	6.17	4.6	SR13	10/21/2019 9:15	27.72	83.7	5.92	4.3	SR13	10/21/2019 15:15	27.70	82.4	5.83	5.9	SR13	10/21/2019 21:15	28.02	93.2	6.62	4.5
SR13	10/21/2019 3:20	27.70	87.1	6.17	5.3	SR13	10/21/2019 9:20	27.72	84.1	5.94	4.8	SR13	10/21/2019 15:20	27.64	81.7	5.79	4.1	SR13	10/21/2019 21:20	28.03	92.9	6.60	6.1
SR13	10/21/2019 3:25	27.69	88.3	6.26	5.3	SR13	10/21/2019 9:25	27.72	85.3	6.04	6.1	SR13	10/21/2019 15:25	27.64	81.1	5.75	4.2	SR13	10/21/2019 21:25	28.01	92.2	6.54	3.4
SR13	10/21/2019 3:30	27.70	88.2	6.25	4.4	SR13	10/21/2019 9:30	27.72	83.5	5.91	3.8	SR13	10/21/2019 15:30	27.64	80.9	5.74	5.7	SR13	10/21/2019 21:30	28.00	92.6	6.58	5.1
SR13	10/21/2019 3:35	27.69	87.7	6.23	4.1	SR13	10/21/2019 9:35	27.72	84.1	5.94	5.0	SR13	10/21/2019 15:35	27.65	80.9	5.74	5.0	SR13	10/21/2019 21:35	28.02	93.0	6.60	4.6
SR13	10/21/2019 3:40	27.67	87.8	6.21	3.9	SR13	10/21/2019 9:40	27.72	84.1	5.94	5.6	SR13	10/21/2019 15:40	27.66	81.4	5.78	3.9	SR13	10/21/2019 21:40	28.01	92.2	6.55	3.9
SR13	10/21/2019 3:45	27.65	86.4	6.12	5.0	SR13	10/21/2019 9:45	27.73	84.0	5.95	5.4	SR13	10/21/2019 15:45	27.67	83.6	5.93	4.9	SR13	10/21/2019 21:45	28.05	93.2	6.61	6.0
SR13	10/21/2019 3:50	27.64	85.2	6.04	3.6	SR13	10/21/2019 9:50	27.73	83.5	5.91	4.9	SR13	10/21/2019 15:50	27.66	81.5	5.78	4.9	SR13	10/21/2019 21:50	28.07	93.8	6.65	5.8
SR13	10/21/2019 3:55	27.65	83.9	5.95	3.6	SR13	10/21/2019 9:55	27.72	83.8	5.92	5.0	SR13	10/21/2019 15:55	27.65	83.9	5.95	5.5	SR13	10/21/2019 21:55	28.09	94.1	6.67	4.0
SR13	10/21/2019 4:00	27.68	85.3	6.04	4.8	SR13	10/21/2019 10:00	27.73	83.8	5.93	4.4	SR13	10/21/2019 16:00	27.64	83.7	5.94	6.2	SR13	10/21/2019 22:00	28.07	93.9	6.66	4.8
SR13	10/21/2019 4:05	27.68	85.8	6.08	3.8	SR13	10/21/2019 10:05	27.73	83.9	5.94	5.5	SR13	10/21/2019 16:05	27.64	84.3	5.99	8.5	SR13	10/21/2019 22:05	28.05	93.9	6.66	5.9
SR13	10/21/2019 4:10	27.67	86.0	6.10	4.9	SR13	10/21/2019 10:10	27.73	83.5	5.91	5.8	SR13						SR13	10/21/2019 22:10	28.06	93.9	6.66	4.1
SR13	10/21/2019 4:15	27.67	86.7	6.14	4.5	SR13	10/21/2019 10:15	27.74	84.4	5.97	4.7	SR13						SR13	10/21/2019 22:15	28.03	93.5	6.64	6.4
SR13	10/21/2019 4:20	27.68	85.9	6.09	3.6	SR13	10/21/2019 10:20	27.74	84.1	5.95	4.3	SR13						SR13	10/21/2019 22:20	28.01	92.7	6.57	6.4
SR13	10/21/2019 4:25	27.69	87.5	6.20	4.7	SR13	10/21/2019 10:25	27.75	83.6	5.91	5.7	SR13						SR13	10/21/2019 22:25	27.99	92.6	6.57	6.5
SR13	10/21/2019 4:30	27.70	86.5	6.13	4.8	SR13	10/21/2019 10:30	27.75	84.1	5.96	4.9	SR13	10/21/2019 16:30	27.66	83.3	5.91	4.5	SR13	10/21/2019 22:30	28.00	92.5	6.55	6.0
SR13	10/21/2019 4:35	27.70	87.1	6.17	5.5	SR13	10/21/2019 10:35	27.76	83.0	5.89	4.6	SR13	10/21/2019 16:35	27.68	84.2	5.98	4.4	SR13	10/21/2019 22:35	27.94	91.8	6.51	4.7
SR13	10/21/2019 4:40	27.71	86.5	6.13	5.8	SR13	10/21/2019 10:40	27.78	83.3	5.91	5.4	SR13	10/21/2019 16:40	27.69	84.7	6.01	4.3	SR13	10/21/2019 22:40	27.95	91.1	6.46	5.5
SR13	10/21/2019 4:45	27.71	86.5	6.13	5.1	SR13	10/21/2019 10:45	27.79	83.0	5.88	4.8	SR13	10/21/2019 16:45	27.66	82.6	5.87	4.8	SR13	10/21/2019 22:45	27.95	91.2	6.47	4.7
SR13	10/21/2019 4:50	27.71	87.4	6.20	4.2	SR13	10/21/2019 10:50	27.79	84.0	5.96	5.0	SR13	10/21/2019 16:50	27.66	82.3	5.85	4.4	SR13	10/21/2019 22:50	28.04	88.6	6.28	4.8
SR13	10/21/2019 4:55	27.71	87.2	6.18	4.8	SR13	10/21/2019 10:55	27.79	83.8	5.93	5.9	SR13	10/21/2019 16:55	27.66	81.8	5.81	4.2	SR13	10/21/2019 22:55	28.03	90.1	6.38	4.5
SR13	10/21/2019 5:00	27.72	86.7	6.14	4.8	SR13	10/21/2019 11:00	27.79	83.3	5.89	6.2	SR13	10/21/2019 17:00	27.66	81.9	5.81	5.2	SR13	10/21/2019 23:00	28.02	90.2	6.39	5.4
SR13	10/21/2019 5:05	27.73	88.2	6.25	5.2	SR13	10/21/2019 11:05	27.80	83.4	5.91	6.2	SR13	10/21/2019 17:05	27.66	81.9	5.81	4.2	SR13	10/21/2019 23:05	27.88	89.7	6.36	6.3
SR13	10/21/2019 5:10	27.73	86.7	6.14	5.4	SR13	10/21/2019 11:10	27.83	84.0	5.94	5.7	SR13	10/21/2019 17:10	27.66	83.8	5.94	5.9	SR13	10/21/2019 23:10	27.84	88.7	6.29	6.1
SR13	10/21/2019 5:15	27.73	87.1	6.17	4.8	SR13	10/21/2019 11:15	27.84	82.9	5.88	6.2	SR13	10/21/2019 17:15	27.66	84.2	5.96	5.1	SR13	10/21/2019 23:15	27.83	88.4	6.27	7.7
SR13	10/21/2019 5:20	27.72	85.4	6.04	3.9	SR13	10/21/2019 11:20	27.85	83.4	5.91	4.3	SR13	10/21/2019 17:20	27.66	83.6	5.92	7.4	SR13	10/21/2019 23:20	27.81	88.8	6.30	5.0
SR13	10/21/2019 5:25	27.74	87.1	6.17	5.2	SR13	10/21/2019 11:25	27.84	82.9	5.87	3.8	SR13	10/21/2019 17:25	27.64	82.9	5.87	5.8	SR13	10/21/2019 23:25	27.82	88.6	6.28	5.0
SR13	10/21/2019 5:30	27.72	86.8	6.16	3.9	SR13	10/21/2019 11:30	27.82	82.5	5.85	3.6	SR13	10/21/2019 17:30	27.62	86.8	6.15	5.7	SR13	10/21/2019 23:30	27.83	88.5	6.28	6.1
SR13	10/21/2019 5:35	27.70	87.2	6.17	5.0	SR13	10/21/2019 11:35	27.83	82.3	5.83	4.0	SR13	10/21/2019 17:35	27.63	86.6	6.13	8.2	SR13	10/21/2019 23:35	27.82	89.1	6.32	5.2
SR13	10/21/2019 5:40	27.74	86.7	6.14	4.9	SR13	10/21/2019 11:40	27.82	82.6	5.85	4.7	SR13	10/21/2019 17:40	27.63	86.3	6.12	5.4	SR13	10/21/2019 23:40	27.83	88.6	6.29	6.3
SR13	10/21/2019 5:45	27.76	88.8	6.29	4.8	SR13	10/21/2019 11:45	27.85	83.8	5.94	4.1	SR13	10/21/2019 17:45	27.63	86.5	6.13	5.6	SR13	10/21/2019 23:45	27.84	88.1	6.26	4.6
SR13	10/21/2019 5:50	27.77	87.7	6.20	4.4	SR13	10/21/2019 11:50	27.85	82.6	5.86	4.6	SR13	10/21/2019 17:50	27.63	86.9	6.15	6.1	SR13	10/21/2019 23:50	27.84	88.8	6.31	5.1
SR13	10/21/2019 5:55	27.75	86.7	6.14	3.7	SR13	10/21/2019 11:55	27.84	83.0	5.89	4.6	SR13	10/21/2019 17:55	27.62	86.3	6.12	6.0	SR13	10/21/2019 23:55	27.84	88.9	6.31	7.3

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	10/21/2019 0:17	0.22				SR12	10/21/2019 0:17	0.21			
SR4	10/21/2019 0:37	0.21				SR12	10/21/2019 0:37	0.22			
SR4	10/21/2019 0:57	0.22				SR12	10/21/2019 0:57	0.20			
SR4	10/21/2019 1:17	0.19				SR12	10/21/2019 1:17	0.22			
SR4	10/21/2019 1:37	0.21				SR12	10/21/2019 1:37	0.20			
SR4	10/21/2019 1:57	0.22				SR12	10/21/2019 1:57	0.22			
SR4	10/21/2019 2:17	0.19				SR12	10/21/2019 2:17	0.20			
SR4	10/21/2019 2:37	0.17				SR12	10/21/2019 2:37	0.22			
SR4	10/21/2019 2:57	0.18				SR12	10/21/2019 2:57	0.20			
SR4	10/21/2019 3:17	0.20				SR12	10/21/2019 3:17	0.22			
SR4	10/21/2019 3:37	0.19				SR12	10/21/2019 3:37	0.22			
SR4	10/21/2019 3:57	0.17				SR12	10/21/2019 3:57	0.21			
SR4	10/21/2019 4:17	0.17				SR12	10/21/2019 4:17	0.20			
SR4	10/21/2019 4:37	0.20				SR12	10/21/2019 4:37	0.22			
SR4	10/21/2019 4:57	0.19				SR12	10/21/2019 4:57	0.22			
SR4	10/21/2019 5:17	0.20				SR12	10/21/2019 5:17	0.20			
SR4	10/21/2019 5:37	0.17				SR12	10/21/2019 5:37	0.20			
SR4	10/21/2019 5:57	0.18				SR12	10/21/2019 5:57	0.20			
SR4						SR12					
SR4	10/21/2019 6:37	0.17				SR12	10/21/2019 6:37	0.21			
SR4	10/21/2019 6:57	0.20				SR12	10/21/2019 6:57	0.20			
SR4	10/21/2019 7:17	0.19				SR12	10/21/2019 7:17	0.20			
SR4	10/21/2019 7:37	0.18				SR12	10/21/2019 7:37	0.21			
SR4	10/21/2019 7:57	0.18				SR12	10/21/2019 7:57	0.19			
SR4	10/21/2019 8:17	0.19				SR12	10/21/2019 8:17	0.19			
SR4	10/21/2019 8:37	0.18				SR12	10/21/2019 8:37	0.20			
SR4	10/21/2019 8:57	0.19				SR12	10/21/2019 8:57	0.18			
SR4	10/21/2019 9:17	0.17				SR12	10/21/2019 9:17	0.19			
SR4	10/21/2019 9:37	0.17				SR12	10/21/2019 9:37	0.18			
SR4	10/21/2019 9:57	0.17				SR12	10/21/2019 9:57	0.18			
SR4	10/21/2019 10:17	0.16				SR12	10/21/2019 10:17	0.21			
SR4						SR12	10/21/2019 10:37	0.18			
SR4						SR12	10/21/2019 10:57	0.19			
SR4						SR12	10/21/2019 11:17	0.20			
SR4						SR12	10/21/2019 11:37	0.18			
SR4	10/21/2019 11:57	0.15				SR12	10/21/2019 11:57	0.21			
SR4	10/21/2019 12:17	0.17				SR12	10/21/2019 12:17	0.18			
SR4	10/21/2019 12:37	0.15				SR12	10/21/2019 12:37	0.21			
SR4	10/21/2019 12:57	0.14				SR12	10/21/2019 12:57	0.18			
SR4	10/21/2019 13:17	0.13				SR12	10/21/2019 13:17	0.18			
SR4	10/21/2019 13:37	0.13				SR12					
SR4	10/21/2019 13:57	0.13				SR12					
SR4	10/21/2019 14:17	0.14				SR12					
SR4	10/21/2019 14:37	0.14				SR12					
SR4	10/21/2019 14:57	0.14				SR12	10/21/2019 14:57	0.20			
SR4	10/21/2019 15:17	0.15				SR12	10/21/2019 15:17	0.18			
SR4	10/21/2019 15:37	0.13				SR12	10/21/2019 15:37	0.21			
SR4	10/21/2019 15:57	0.14				SR12	10/21/2019 15:57	0.20			
SR4	10/21/2019 16:17	0.14				SR12	10/21/2019 16:17	0.18			
SR4	10/21/2019 16:37	0.13				SR12	10/21/2019 16:37	0.18			
SR4	10/21/2019 16:57	0.14				SR12	10/21/2019 16:57	0.21			
SR4	10/21/2019 17:17	0.15				SR12	10/21/2019 17:17	0.21			
SR4	10/21/2019 17:37	0.14				SR12	10/21/2019 17:37	0.20			
SR4	10/21/2019 17:57	0.14				SR12	10/21/2019 17:57	0.20			
SR4	10/21/2019 18:17	0.13				SR12	10/21/2019 18:17	0.22			
SR4	10/21/2019 18:37	0.15				SR12	10/21/2019 18:37	0.22			
SR4	10/21/2019 18:57	0.14				SR12	10/21/2019 18:57	0.23			
SR4	10/21/2019 19:17	0.15				SR12	10/21/2019 19:17	0.21			
SR4	10/21/2019 19:37	0.13				SR12	10/21/2019 19:37	0.23			
SR4	10/21/2019 19:57	0.13				SR12	10/21/2019 19:57	0.21			
SR4	10/21/2019 20:17	0.13				SR12	10/21/2019 20:17	0.20			
SR4	10/21/2019 20:37	0.12				SR12	10/21/2019 20:37	0.20			
SR4	10/21/2019 20:57	0.13				SR12	10/21/2019 20:57	0.23			
SR4	10/21/2019 21:17	0.13				SR12	10/21/2019 21:17	0.21			
SR4	10/21/2019 21:37	0.14				SR12	10/21/2019 21:37	0.22			
SR4	10/21/2019 21:57	0.13				SR12	10/21/2019 21:57	0.22			
SR4	10/21/2019 22:17	0.13				SR12	10/21/2019 22:17	0.20			
SR4	10/21/2019 22:37	0.13				SR12	10/21/2019 22:37	0.22			
SR4	10/21/2019 22:57	0.14				SR12	10/21/2019 22:57	0.22			
SR4	10/21/2019 23:17	0.13				SR12	10/21/2019 23:17	0.21			
SR4	10/21/2019 23:37	0.12				SR12	10/21/2019 23:37	0.23			
SR4	10/21/2019 23:57	0.13				SR12	10/21/2019 23:57	0.23			

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 10:21-11:36.
SR12 monitoring station was under maintenance during 13:26-14:31.
SR13 monitoring station was under maintenance during 16:05-16:30.

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	10/22/2019 0:01	28.35	79.8	5.58	3.2	SR4	10/22/2019 6:01	28.10	73.6	5.17	1.5	SR4	10/22/2019 12:01	28.18	99.9	7.07	3.9	SR4	10/22/2019 18:01	28.18	83.0	5.84	3.5
SR4	10/22/2019 0:06	28.35	82.2	5.75	3.0	SR4	10/22/2019 6:06	28.11	75.2	5.28	2.0	SR4	10/22/2019 12:06	28.16	97.9	6.92	3.9	SR4	10/22/2019 18:06	28.19	81.3	5.72	4.7
SR4	10/22/2019 0:11	28.19	79.0	5.54	1.9	SR4	10/22/2019 6:11	28.10	73.4	5.15	2.3	SR4	10/22/2019 12:11	28.16	98.4	6.96	3.2	SR4	10/22/2019 18:11	28.15	82.2	5.78	3.4
SR4	10/22/2019 0:16	28.20	76.4	5.35	1.8	SR4	10/22/2019 6:16	28.18	72.3	5.08	2.9	SR4	10/22/2019 12:16	28.17	98.2	6.95	4.3	SR4	10/22/2019 18:16	28.20	81.1	5.70	4.4
SR4	10/22/2019 0:21	28.17	76.8	5.39	1.6	SR4	10/22/2019 6:21	28.11	71.1	4.99	2.2	SR4	10/22/2019 12:21	28.06	87.1	6.18	2.8	SR4	10/22/2019 18:21	28.07	83.1	5.83	3.7
SR4	10/22/2019 0:26	28.14	76.2	5.35	1.6	SR4	10/22/2019 6:26	28.13	73.7	5.20	2.0	SR4	10/22/2019 12:26	28.09	87.2	6.19	2.7	SR4	10/22/2019 18:26	28.06	82.6	5.80	3.1
SR4	10/22/2019 0:31	28.27	73.5	5.14	2.7	SR4	10/22/2019 6:31	28.19	71.3	5.03	2.3	SR4	10/22/2019 12:31	28.11	92.2	6.54	2.6	SR4	10/22/2019 18:31	27.97	79.7	5.60	2.7
SR4	10/22/2019 0:36	28.23	72.5	5.08	1.7	SR4	10/22/2019 6:36	28.15	70.5	4.97	3.0	SR4	10/22/2019 12:36	28.00	81.5	5.81	4.9	SR4	10/22/2019 18:36	28.02	81.3	5.71	3.3
SR4	10/22/2019 0:41	28.27	73.0	5.11	2.5	SR4	10/22/2019 6:41	28.13	68.4	4.82	1.4	SR4	10/22/2019 12:41	27.96	61.8	4.43	5.1	SR4	10/22/2019 18:41	28.04	80.0	5.63	2.9
SR4	10/22/2019 0:46	28.31	78.8	5.51	2.2	SR4	10/22/2019 6:46	28.12	71.2	5.02	1.5	SR4	10/22/2019 12:46	28.13	90.3	6.40	3.5	SR4	10/22/2019 18:46	28.10	81.9	5.75	3.7
SR4	10/22/2019 0:51	28.16	77.7	5.47	2.7	SR4	10/22/2019 6:51	28.21	75.3	5.30	3.0	SR4	10/22/2019 12:51	28.07	66.8	4.75	3.5	SR4	10/22/2019 18:51	28.04	78.7	5.53	2.4
SR4	10/22/2019 0:56	28.30	79.8	5.62	2.1	SR4	10/22/2019 6:56	28.21	71.5	5.03	2.9	SR4	10/22/2019 12:56	28.13	85.6	6.06	2.9	SR4	10/22/2019 18:56	27.93	76.7	5.41	2.1
SR4	10/22/2019 1:01	28.29	78.4	5.52	1.6	SR4	10/22/2019 7:01	28.17	73.1	5.15	2.6	SR4	10/22/2019 13:01	28.14	91.1	6.44	3.0	SR4	10/22/2019 19:01	27.87	78.2	5.51	2.0
SR4	10/22/2019 1:06	28.28	77.1	5.41	3.3	SR4	10/22/2019 7:06	28.26	75.7	5.32	3.6	SR4	10/22/2019 13:06	28.16	92.2	6.52	3.5	SR4	10/22/2019 19:06	27.95	77.4	5.45	2.0
SR4	10/22/2019 1:11	28.30	78.7	5.51	2.3	SR4	10/22/2019 7:11	28.26	75.3	5.29	2.8	SR4	10/22/2019 13:11	28.15	92.2	6.52	3.0	SR4	10/22/2019 19:11	27.92	78.4	5.52	2.2
SR4	10/22/2019 1:16	28.30	82.1	5.74	3.1	SR4	10/22/2019 7:16	28.27	76.4	5.36	3.7	SR4	10/22/2019 13:16	28.13	94.1	6.65	3.3	SR4	10/22/2019 19:16	27.93	78.1	5.50	2.1
SR4	10/22/2019 1:21	28.31	81.0	5.66	2.0	SR4	10/22/2019 7:21	28.28	78.9	5.54	6.0	SR4	10/22/2019 13:21	28.16	93.6	6.61	3.2	SR4	10/22/2019 19:21	27.94	79.5	5.59	2.1
SR4	10/22/2019 1:26	28.28	77.2	5.40	1.5	SR4	10/22/2019 7:26	28.20	74.4	5.24	2.6	SR4	10/22/2019 13:26	28.12	91.0	6.43	5.9	SR4	10/22/2019 19:26	28.00	78.9	5.57	1.9
SR4	10/22/2019 1:31	28.29	79.0	5.52	2.0	SR4	10/22/2019 7:31	28.09	76.2	5.38	3.0	SR4	10/22/2019 13:31	28.11	91.0	6.41	6.7	SR4	10/22/2019 19:31	28.06	81.2	5.74	3.2
SR4	10/22/2019 1:36	28.29	80.2	5.60	1.9	SR4	10/22/2019 7:36	28.11	71.5	5.05	2.3	SR4	10/22/2019 13:36	28.02	88.8	6.29	2.3	SR4	10/22/2019 19:36	28.06	79.9	5.65	2.4
SR4	10/22/2019 1:41	28.25	76.6	5.36	1.4	SR4	10/22/2019 7:41	28.18	70.8	4.99	2.7	SR4	10/22/2019 13:41	28.10	87.4	6.18	3.9	SR4	10/22/2019 19:41	28.03	80.4	5.66	2.6
SR4	10/22/2019 1:46	28.22	72.5	5.08	1.6	SR4	10/22/2019 7:46	28.19	75.1	5.28	5.4	SR4	10/22/2019 13:46	28.13	88.4	6.25	5.3	SR4	10/22/2019 19:46	27.99	81.2	5.74	2.3
SR4	10/22/2019 1:51	28.29	76.4	5.34	2.7	SR4	10/22/2019 7:51	28.21	78.1	5.50	4.3	SR4	10/22/2019 13:51	28.12	89.2	6.29	8.9	SR4	10/22/2019 19:51	27.98	79.9	5.65	3.3
SR4	10/22/2019 1:56	28.11	70.8	4.97	1.9	SR4	10/22/2019 7:56	28.23	80.2	5.64	4.2	SR4	10/22/2019 13:56	28.12	90.7	6.41	9.4	SR4	10/22/2019 19:56	27.97	77.6	5.48	1.8
SR4	10/22/2019 2:01	28.20	74.1	5.18	1.5	SR4	10/22/2019 8:01	28.26	79.7	5.60	4.9	SR4	10/22/2019 14:01	28.12	90.3	6.37	6.5	SR4	10/22/2019 20:01	27.97	83.1	5.88	3.6
SR4	10/22/2019 2:06	28.21	72.5	5.08	1.2	SR4	10/22/2019 8:06	28.26	81.2	5.70	5.5	SR4	10/22/2019 14:06	28.12	90.9	6.41	6.6	SR4	10/22/2019 20:06	27.97	84.2	5.95	3.3
SR4	10/22/2019 2:11	28.17	76.6	5.38	2.0	SR4	10/22/2019 8:11	28.28	80.0	5.62	4.9	SR4	10/22/2019 14:11	28.12	90.7	6.41	6.8	SR4	10/22/2019 20:11	27.94	82.3	5.83	2.3
SR4	10/22/2019 2:16	28.13	77.6	5.45	2.1	SR4	10/22/2019 8:16	28.27	80.2	5.63	3.8	SR4	10/22/2019 14:16	28.12	89.8	6.34	5.8	SR4	10/22/2019 20:16	27.92	80.7	5.72	2.2
SR4	10/22/2019 2:21	28.13	79.6	5.58	1.9	SR4	10/22/2019 8:21	28.26	81.0	5.68	5.8	SR4	10/22/2019 14:21	28.13	89.7	6.32	4.6	SR4	10/22/2019 20:21	27.92	83.7	5.93	2.8
SR4	10/22/2019 2:26	28.12	78.4	5.51	1.7	SR4	10/22/2019 8:26	28.28	80.4	5.64	4.4	SR4	10/22/2019 14:26	28.23	89.9	6.34	7.2	SR4	10/22/2019 20:26	27.92	82.9	5.87	2.3
SR4	10/22/2019 2:31	28.12	77.5	5.44	1.6	SR4	10/22/2019 8:31	28.25	82.2	5.77	5.3	SR4	10/22/2019 14:31	28.24	88.7	6.25	4.8	SR4	10/22/2019 20:31	27.90	81.8	5.78	2.0
SR4	10/22/2019 2:36	28.13	77.2	5.42	1.5	SR4	10/22/2019 8:36	28.26	83.3	5.86	5.1	SR4	10/22/2019 14:36	28.25	88.8	6.26	5.1	SR4	10/22/2019 20:36	27.93	80.2	5.68	1.7
SR4	10/22/2019 2:41	28.13	77.4	5.45	1.8	SR4	10/22/2019 8:41	28.26	85.0	5.98	4.9	SR4	10/22/2019 14:41	28.26	88.1	6.22	5.7	SR4	10/22/2019 20:41	27.92	79.8	5.63	3.1
SR4	10/22/2019 2:46	28.13	78.8	5.56	2.0	SR4	10/22/2019 8:46	28.25	84.1	5.90	5.1	SR4	10/22/2019 14:46	28.23	89.2	6.28	8.0	SR4	10/22/2019 20:46	27.93	81.5	5.75	2.1
SR4	10/22/2019 2:51	28.13	77.1	5.44	1.6	SR4	10/22/2019 8:51	28.30	74.5	5.24	3.7	SR4	10/22/2019 14:51	28.18	91.1	6.42	4.4	SR4	10/22/2019 20:51	27.99	80.5	5.66	2.2
SR4	10/22/2019 2:56	28.13	76.1	5.36	1.3	SR4	10/22/2019 8:56	28.29	80.3	5.64	5.5	SR4	10/22/2019 14:56	28.24	88.3	6.23	5.0	SR4	10/22/2019 20:56	28.01	79.1	5.57	1.8
SR4	10/22/2019 3:01	28.15	73.7	5.20	1.1	SR4	10/22/2019 9:01	28.29	84.6	5.95	5.1	SR4	10/22/2019 15:01	28.18	90.5	6.38	4.0	SR4	10/22/2019 21:01	28.01	85.1	5.99	2.7
SR4	10/22/2019 3:06	28.17	77.2	5.44	1.5	SR4	10/22/2019 9:06	28.28	85.0	5.98	5.1	SR4	10/22/2019 15:06	28.16	88.9	6.28	3.4	SR4	10/22/2019 21:06	27.97	83.0	5.84	2.6
SR4	10/22/2019 3:11	28.17	75.1	5.27	1.2	SR4	10/22/2019 9:11	28.35	81.2	5.70	3.7	SR4	10/22/2019 15:11	28.17	87.3	6.16	3.9	SR4	10/22/2019 21:11	27.93	82.0	5.77	2.3
SR4	10/22/2019 3:16	28.16	74.9	5.24	1.2	SR4	10/22/2019 9:16	28.40	74.3	5.22	2.7	SR4	10/22/2019 15:16	28.14	88.1	6.22	3.5	SR4	10/22/2019 21:16	27.97	80.7	5.69	2.1
SR4	10/22/2019 3:21	28.16	73.6	5.16	1.2	SR4	10/22/2019 9:21	28.42	72.0	5.05	3.7	SR4	10/22/2019 15:21	28.17	87.7	6.18	4.8	SR4	10/22/2019 21:21	27.95	80.5	5.68	1.9
SR4	10/22/2019 3:26	28.16	74.3	5.21	1.4	SR4	10/22/2019 9:26	28.31	78.1	5.50	3.6	SR4	10/22/2019 15:26	28.17	89.1	6.28	4.6	SR4	10/22/2019 21:26	27.94	81.5	5.75	2.4
SR4	10/22/2019 3:31	28.17	75.1	5.27	1.3	SR4	10/22/2019 9:31	28.21	85.1	5.99	4.6	SR4	10/22/2019 15:31	28.16	89.5	6.30	5.0	SR4	10/22/2019 21:31	27.94	80.4	5.66	1.6
SR4	10/22/2019 3:36	28.17	79.1	5.56	3.5	SR4	10/22/2019 9:36	28.18	88.4	6.23	4.0	SR4	10/22/2019 15:36	28.17	88.4	6.22	4.4	SR4	10/22/2019 21:36	27.93	82.1	5.78	1.8
SR4	10/22/2019 3:41	28.16	77.6	5.45	1.8	SR4	10/22/2019 9:41	28.12	91.3	6.44	4.2	SR4	10/22/2019 15:41	28.17	89.8	6.30	4.5	SR4	10/22/2019 21:41	27.93	82.5	5.81	1.7
SR4	10/22/2019 3:46	28.16	80.2	5.63	2.1	SR4	10/22/2019 9:46	28.16	92.5	6.54	3.7	SR4	10/22/2019 15:46	28.15	89.0	6.24	3.8	SR4	10/22/2019 21:46	27.90	83.6	5.90	2.3
SR4	10/22/2019 3:51	28.16	79.8	5.59	1.8	SR4	10/22/2019 9:51	28.16	93.5	6.59	3.9	SR4	10/22/2019 15:51	28.14	88.0	6.17	3.1	SR4	10/22/2019 21:51	27.93	83.6	5.89	1.8
SR4	10/22/2019 3:56	28.16	79.2	5.57	1.7	SR4	10/22/2019 9:56	28.16	94.3	6.65	4.4	SR4	10/22/2019 15:56	28.15	86.1	6.05	3.3	SR4	10/22/2019 21:56	27.93	83.6	5.89	2.2
SR4	10/22/2019 4:01	28.15	78.3	5.50	2.2	SR4	10/22/2019 10:01	28.18	93.8	6.62	4.7	SR4	10/22/2019 16:01	28.16	86.7	6.08	3.3	SR4	10/22/2019 22:01	27.88	82.7	5.84	1.4
SR4	10/22/2019 4:06	28.13	75.6	5.30	1.8	SR4	10/22/2019 10:06	28.18	94.1	6.64	4.0	SR4	10/22/2019 16:06	28.18	86.1	6.04	4.0	SR4	10/22/2019 22:06	27.90	82.3	5.83	1.5
SR4	10/22/2019 4:11	28.13	77.4	5.44	1.8	SR4	10/22/2019 10:11	28.15	92.6	6.54	3.8	SR4	10/22/2019 16:11	28.18	91.0	6.37	4.4	SR4	10/22/2019 22:11	27.90	80.8	5.72	1.2
SR4	10/22/2019 4:16	28.13	77.4	5.42	1.6	SR4	10/22/2019 10:16	28.14	94.6	6.68	5.7	SR4	10/22/2019 16:16	28.17	89.7	6.29	3.5	SR4	10/22/2019 22:16	27.92	81.4	5.76	1.5
SR4	10/22/2019 4:21	28.12	78.1	5.48	1.9	SR4	10/22/2019 10:21	28.12	95.3	6.73	3.9	SR4	10/22/2019 16:21	28.16	89.5	6.29	3.3	SR4	10/22/2019 22:21	27.91	84.5	5.98	1.9
SR4	10/22/2019 4:26	28.12	78.3	5.50	1.8	SR4	10/22/2019 10:26	28.17	95.1	6.71	3.9	SR4	10/22/2019 16:26	28.17	89.8	6.32	3.3	SR4	10/22/2019 22:26	27.92	83.8	5.94	1.4
SR4	10/22/2019 4:31	28.12	79.7	5.59	1.7	SR4	10/22/2019 10:31	28.20	94.4	6.66	3.9	SR4	10/22/2019 16:31	28.16	90.9	6.40	4.2	SR4	10/22/2019 22:31	27.92	82.0	5.80	1.3
SR4	10/22/2019 4:36	28.11	78.5	5.53	1.8	SR4	10/22/2019 10:36	28.17	95.0	6.71	3.1	SR4	10/22/2019 16:36	28.17	88.7	6.25	3.8	SR4	10/22/2019 22:36	27.91	84.9	5.99	2.3
SR4	10/22/2019 4:41	28.12	79.1	5.58	1.5	SR4	10/22/2019 10:41	28.14	96.3	6.79	3.7	SR4	10/22/2019 16:41	28.16	88.3	6.23	3.3	SR4	10/22/2019 22:41	27.92	85.4	6.02	1.7
SR4	10/22/2019 4:46	28.10	78.5	5.56	1.9	SR4	10/22/2019 10:46	28.11	96.3	6.80	4.2	SR4	10/22/2019 16:46	28.17	87.2	6.14	4.3	SR4	10/22/2019 22:46	27.91	85.9	6.06	2.0
SR4	10/22/2019 4:51	28.12	78.3	5.52	1.6	SR4	10/22/2019 10:51	28.13	95.9	6.78	6.3	SR4	10/22/2019 16:51	28.20	83.7	5.89	5.2	SR4	10/22/2019 22:51	27.90	85.6	6.04	1.8
SR4	10/22/2019 4:56	28.11	77.7	5.48	1.8	SR4	10/22/2019 10:56	28.12	96.4	6.80	6.7	SR4	10/22/2019 16:56	28.22	85.4	6.01	5.6	SR4	10/22/2019 22:56	27.90	85.6	6.04	2.0
SR4	10/22/2019 5:01	28.11	75.1	5.29	1.4	SR4	10/22/2019 11:01	28.13	95.9	6.78	6.8	SR4	10/22/2019 17:01	28.18	83.6	5.88	3.6	SR4	10/22/2019 23:01	27.91	85.4	6.02	2.2
SR4	10/22/2019 5:06	28.11	75.4	5.32	1.6	SR4	10/22/2019 11:06	28.12	96.5	6.82	6.2	SR4	10/22/2019 17:06	28.22	83.7	5.86	4.2	SR4	10/22/2019 23:06	27.89	85.3	6.02	1.5
SR4	10/22/2019 5:11	28.11	78.8	5.53	1.5	SR4	10/22/2019 11:11	28.10	95.5	6.76	5.0	SR4	10/22/2019 17:11	28.23	84.0	5.87	5.2	SR4	10/22/2019 23:11	27.87	86.6	6.11	2.1
SR4	10/22/2019 5:16	28.11	77.3	5.44	1.8	SR4	10/22/2019 11:16	28.10	96.1	6.80	5.0	SR4	10/22/2019 17:16	28.22	84.6	5.92	5.5	SR4	10/22/2019 23:16	27.89	86.3	6.10	2.0
SR4	10/22/2019 5:21	28.10	76.1	5.35	1.4	SR4	10/22/2019 11:21	28.11	94.5	6.68	3.8	SR4	10/22/2019 17:21	28.16	82.6	5.78	3.1	SR4	10/22/2019 23:21	27.87	86.1	6.08	1.7
SR4	10/22/2019 5:26	28.11	76.2	5.35	1.4	SR4	10/22/2019 11:26	28.10	95.8	6.78	3.9	SR4	10/22/2019 17:26	28.14	81.0	5.68	4.4	SR4	10/22/2019 23:26	27.87	87.1	6.16	1.9
SR4	10/22/2019 5:31	28.10	77.9	5.46	1.9	SR4	10/22/2019 11:31	28.09	96.6	6.83	4.2	SR4	10/22/2019 17:31	28.22	84.2	5.89	4.6	SR4	10/22/2019 23:31	27.88	87.6	6.18	2.0
SR4	10/22/2019 5:36	28.09	77.2	5.42	2.1	SR4	10/22/2019 11:36	28.13	99.2	7.02	4.0	SR4	10/22/2019 17:36	28.09	83.4	5.84	3.6	SR4	10/22/2019 23:36	27.88	87.4	6.18	1.9
SR4	10/22/2019 5:41	28.10	76.4	5.36	2.3	SR4	10/22/2019 11:41	28.20	100.5	7.10	3.2	SR4	10/22/2019 17:41	28.10	85.7	6.01	4.4	SR4	10/22/2019 23:41	27.89	88.8	6.26	2.6
SR4	10/22/2019 5:46	28.10	79.0	5.54	2.7	SR4	10/22/2019 11:46	28.22	103.2	7.28	3.1	SR4	10/22/2019 17:46	28.11	84.8	5.95	3.8	SR4	10/22/2019 23:46	27.89	87.5	6.18	2.2
SR4	10/22/2019 5:51	28.10	75.7	5.32	2.1	SR4	10/22/2019 11:51	28.16	99.7	7.06	4.0	SR4	10/22/2019 17:51	28.15	83.5	5.86	4.9	SR4	10/22/2019 23:51	27.89	85.9	6.06	2.7
SR4	10/22/2019 5:56	28.10	73.8	5.18	1.8	SR4	10/22/2019 11:56	28.19	100.1	7.07	3.2	SR4	10/22/2019 17:56	28.21	82.7	5.81	4.8	SR4	10/22/2019 23:56	27.89	85.9	6.07	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)
SR5	10/22/2019 0:00	28.22	83.8	5.68	6.2	SR5	10/22/2019 6:00	28.07	87.8	5.97	6.0	SR5	10/22/2019 12:00	27.94	92.6	6.37	3.4	SR5	10/22/2019 18:00	28.20	82.5	5.58	4.4
SR5	10/22/2019 0:05	28.22	82.8	5.61	5.5	SR5	10/22/2019 6:05	28.00	87.2	5.94	6.5	SR5	10/22/2019 12:05	27.94	92.4	6.36	4.8	SR5	10/22/2019 18:05	28.20	84.3	5.70	5.4
SR5	10/22/2019 0:10	28.22	83.4	5.64	5.7	SR5	10/22/2019 6:10	28.02	87.6	5.95	5.1	SR5	10/22/2019 12:10	27.96	93.0	6.39	4.6	SR5	10/22/2019 18:10	28.20	82.5	5.58	4.7
SR5	10/22/2019 0:15	28.22	84.7	5.74	5.5	SR5	10/22/2019 6:15	27.99	87.7	5.97	6.1	SR5	10/22/2019 12:15	27.97	92.4	6.35	4.5	SR5	10/22/2019 18:15	28.20	83.1	5.62	5.3
SR5	10/22/2019 0:20	28.21	84.8	5.75	5.3	SR5	10/22/2019 6:20	27.98	88.4	6.03	8.0	SR5	10/22/2019 12:20	27.98	92.3	6.35	4.4	SR5	10/22/2019 18:20	28.20	83.5	5.65	4.6
SR5	10/22/2019 0:25	28.21	85.5	5.80	5.0	SR5	10/22/2019 6:25	27.96	88.9	6.06	6.2	SR5	10/22/2019 12:25	28.00	93.5	6.42	5.3	SR5	10/22/2019 18:25	28.21	84.0	5.68	3.9
SR5	10/22/2019 0:30	28.20	83.0	5.62	6.1	SR5	10/22/2019 6:30	27.88	89.4	6.11	5.4	SR5	10/22/2019 12:30	28.02	93.9	6.45	5.6	SR5	10/22/2019 18:30	28.20	84.7	5.73	5.1
SR5	10/22/2019 0:35	28.06	83.4	5.68	5.1	SR5	10/22/2019 6:35	27.81	89.6	6.13	6.6	SR5	10/22/2019 12:35	28.10	92.5	6.35	4.6	SR5	10/22/2019 18:35	28.21	84.1	5.69	4.1
SR5	10/22/2019 0:40	28.22	84.1	5.70	6.2	SR5	10/22/2019 6:40	27.80	90.0	6.16	7.1	SR5	10/22/2019 12:40	28.13	93.1	6.38	4.6	SR5	10/22/2019 18:40	28.21	83.1	5.62	3.6
SR5	10/22/2019 0:45	28.20	83.2	5.64	5.1	SR5	10/22/2019 6:45	27.82	90.3	6.18	5.5	SR5	10/22/2019 12:45	28.18	91.9	6.29	4.7	SR5	10/22/2019 18:45	28.20	83.6	5.65	5.1
SR5	10/22/2019 0:50	28.08	82.6	5.61	6.1	SR5	10/22/2019 6:50	27.69	91.7	6.29	7.0	SR5	10/22/2019 12:50	28.17	93.5	6.41	4.9	SR5	10/22/2019 18:50	28.20	83.6	5.65	5.0
SR5	10/22/2019 0:55	28.27	84.0	5.68	5.8	SR5	10/22/2019 6:55	27.70	89.8	6.19	5.9	SR5	10/22/2019 12:55	28.21	93.8	6.44	4.7	SR5	10/22/2019 18:55	28.14	82.2	5.57	4.1
SR5	10/22/2019 1:00	28.28	83.7	5.67	4.7	SR5	10/22/2019 7:00	27.76	90.5	6.20	4.7	SR5	10/22/2019 13:00	28.19	93.8	6.45	3.8	SR5	10/22/2019 19:00	28.19	83.0	5.62	5.2
SR5	10/22/2019 1:05	28.27	84.1	5.69	5.1	SR5	10/22/2019 7:05	27.82	90.9	6.23	6.6	SR5	10/22/2019 13:05	28.13	92.6	6.35	5.6	SR5	10/22/2019 19:05	28.18	82.4	5.58	4.3
SR5	10/22/2019 1:10	28.08	83.4	5.67	5.3	SR5	10/22/2019 7:10	27.76	90.1	6.18	7.3	SR5	10/22/2019 13:10	28.14	92.2	6.31	5.2	SR5	10/22/2019 19:10	28.19	82.3	5.57	5.5
SR5	10/22/2019 1:15	28.05	81.6	5.54	4.0	SR5	10/22/2019 7:15	27.79	90.7	6.22	6.3	SR5	10/22/2019 13:15	28.15	93.4	6.39	4.1	SR5	10/22/2019 19:15	28.20	83.4	5.64	3.5
SR5	10/22/2019 1:20	28.18	83.1	5.63	5.3	SR5	10/22/2019 7:20	27.79	88.9	6.09	5.4	SR5	10/22/2019 13:20	28.14	91.8	6.29	5.1	SR5	10/22/2019 19:20	28.21	84.2	5.69	4.9
SR5	10/22/2019 1:25	28.27	84.0	5.68	6.6	SR5	10/22/2019 7:25	27.77	91.5	6.27	6.2	SR5	10/22/2019 13:25	28.14	92.1	6.31	4.9	SR5	10/22/2019 19:25	28.20	78.7	5.31	4.3
SR5	10/22/2019 1:30	28.29	83.8	5.67	5.9	SR5	10/22/2019 7:30	27.76	91.4	6.27	5.3	SR5	10/22/2019 13:30	28.10	91.1	6.24	4.8	SR5	10/22/2019 19:30	28.11	83.1	5.63	4.1
SR5	10/22/2019 1:35	28.30	84.4	5.70	5.4	SR5	10/22/2019 7:35	27.80	90.8	6.27	5.3	SR5	10/22/2019 13:35	28.07	91.1	6.25	5.0	SR5	10/22/2019 19:35	28.20	81.6	5.52	3.6
SR5	10/22/2019 1:40	28.28	84.0	5.68	5.7	SR5	10/22/2019 7:40	27.80	89.5	6.14	5.7	SR5	10/22/2019 13:40	28.04	90.4	6.19	5.0	SR5	10/22/2019 19:40	28.18	80.8	5.47	5.0
SR5	10/22/2019 1:45	28.29	82.8	5.59	4.0	SR5	10/22/2019 7:45	27.85	90.3	6.18	5.3	SR5	10/22/2019 13:45	28.12	90.2	6.17	4.9	SR5	10/22/2019 19:45	28.20	79.6	5.38	4.9
SR5	10/22/2019 1:50	28.28	83.7	5.65	5.6	SR5	10/22/2019 7:50	27.83	89.9	6.16	6.7	SR5	10/22/2019 13:50	28.05	88.0	6.07	3.7	SR5	10/22/2019 19:50	28.20	81.9	5.53	3.8
SR5	10/22/2019 1:55	28.30	83.0	5.61	6.2	SR5	10/22/2019 7:55	27.83	90.2	6.18	6.6	SR5	10/22/2019 13:55	28.06	89.5	6.18	5.4	SR5	10/22/2019 19:55	28.01	84.9	5.76	4.7
SR5	10/22/2019 2:00	28.30	83.2	5.62	5.0	SR5	10/22/2019 8:00	27.83	90.6	6.22	6.0	SR5	10/22/2019 14:00	28.08	87.6	5.98	4.8	SR5	10/22/2019 20:00	28.05	85.9	5.83	3.3
SR5	10/22/2019 2:05	28.29	81.6	5.51	5.7	SR5	10/22/2019 8:05	27.82	90.4	6.19	4.2	SR5	10/22/2019 14:05	28.07	86.8	5.95	4.7	SR5	10/22/2019 20:05	28.08	85.1	5.79	3.8
SR5	10/22/2019 2:10	28.29	79.1	5.34	5.2	SR5	10/22/2019 8:10	27.71	91.2	6.28	5.2	SR5	10/22/2019 14:10	28.08	86.1	5.92	6.1	SR5	10/22/2019 20:10	28.12	84.7	5.74	4.3
SR5	10/22/2019 2:15	28.30	79.7	5.38	4.8	SR5	10/22/2019 8:15	27.78	89.5	6.14	6.3	SR5	10/22/2019 14:15	28.08	84.3	5.73	5.3	SR5	10/22/2019 20:15	28.09	86.5	5.87	3.6
SR5	10/22/2019 2:20	28.30	79.8	5.38	6.3	SR5	10/22/2019 8:20	27.78	90.4	6.20	5.1	SR5	10/22/2019 14:20	28.08	85.6	5.85	4.8	SR5	10/22/2019 20:20	28.09	85.8	5.82	4.3
SR5	10/22/2019 2:25	28.22	84.0	5.68	5.1	SR5	10/22/2019 8:25	27.69	90.7	6.25	6.0	SR5	10/22/2019 14:25	28.09	84.2	5.74	5.3	SR5	10/22/2019 20:25	28.09	86.5	5.87	4.0
SR5	10/22/2019 2:30	28.22	84.8	5.73	4.6	SR5	10/22/2019 8:30	27.73	90.4	6.22	5.7	SR5	10/22/2019 14:30	28.09	85.2	5.82	3.3	SR5	10/22/2019 20:30	28.09	85.9	5.83	5.6
SR5	10/22/2019 2:35	28.14	84.9	5.75	5.3	SR5	10/22/2019 8:35	27.73	91.5	6.29	5.5	SR5	10/22/2019 14:35	28.10	84.4	5.75	5.7	SR5	10/22/2019 20:35	28.12	85.6	5.81	4.1
SR5	10/22/2019 2:40	28.13	84.0	5.69	4.6	SR5	10/22/2019 8:40	27.75	91.4	6.28	4.5	SR5	10/22/2019 14:40	28.10	84.1	5.73	4.3	SR5	10/22/2019 20:40	28.12	84.9	5.75	3.7
SR5	10/22/2019 2:45	28.16	84.4	5.71	5.3	SR5	10/22/2019 8:45	27.73	91.4	6.28	5.6	SR5	10/22/2019 14:45	28.10	84.7	5.78	3.6	SR5	10/22/2019 20:45	28.11	85.4	5.80	5.0
SR5	10/22/2019 2:50	28.13	84.9	5.75	5.3	SR5	10/22/2019 8:50	27.69	90.9	6.26	7.6	SR5	10/22/2019 14:50	28.11	84.1	5.73	4.8	SR5	10/22/2019 20:50	28.10	84.0	5.70	4.6
SR5	10/22/2019 2:55	28.14	84.4	5.72	4.1	SR5	10/22/2019 8:55	27.72	92.5	6.37	4.4	SR5	10/22/2019 14:55	28.11	83.3	5.68	4.0	SR5	10/22/2019 20:55	28.09	85.2	5.79	3.9
SR5	10/22/2019 3:00	28.15	84.2	5.71	4.1	SR5	10/22/2019 9:00	27.73	93.0	6.40	5.3	SR5	10/22/2019 15:00	28.11	83.5	5.70	5.4	SR5	10/22/2019 21:00	28.08	84.6	5.74	3.7
SR5	10/22/2019 3:05	28.05	86.1	5.85	4.9	SR5	10/22/2019 9:05	27.73	92.9	6.39	4.6	SR5	10/22/2019 15:05	28.12	83.4	5.69	4.2	SR5	10/22/2019 21:05	28.10	85.2	5.78	4.8
SR5	10/22/2019 3:10	28.10	87.0	5.91	3.9	SR5	10/22/2019 9:10	27.75	91.8	6.33	5.8	SR5	10/22/2019 15:10	28.12	83.8	5.71	4.9	SR5	10/22/2019 21:10	28.07	83.7	5.69	4.5
SR5	10/22/2019 3:15	28.13	85.8	5.82	4.4	SR5	10/22/2019 9:15	27.78	91.6	6.30	5.2	SR5	10/22/2019 15:15	28.12	83.1	5.67	4.4	SR5	10/22/2019 21:15	27.98	82.7	5.62	4.4
SR5	10/22/2019 3:20	28.14	85.9	5.82	4.1	SR5	10/22/2019 9:20	27.77	92.0	6.34	4.1	SR5	10/22/2019 15:20	28.12	83.3	5.69	3.2	SR5	10/22/2019 21:20	28.01	86.3	5.86	3.7
SR5	10/22/2019 3:25	28.09	86.2	5.85	5.3	SR5	10/22/2019 9:25	27.88	92.6	6.37	3.7	SR5	10/22/2019 15:25	28.12	85.4	5.82	4.6	SR5	10/22/2019 21:25	27.99	86.3	5.86	4.0
SR5	10/22/2019 3:30	28.10	86.5	5.87	4.9	SR5	10/22/2019 9:30	27.86	91.8	6.30	5.7	SR5	10/22/2019 15:30	28.12	84.0	5.74	4.6	SR5	10/22/2019 21:30	28.02	87.5	5.95	3.3
SR5	10/22/2019 3:35	28.09	87.6	5.95	5.3	SR5	10/22/2019 9:35	27.87	92.3	6.35	4.4	SR5	10/22/2019 15:35	28.13	84.1	5.76	5.2	SR5	10/22/2019 21:35	28.00	87.3	5.95	4.7
SR5	10/22/2019 3:40	28.09	87.3	5.93	5.4	SR5	10/22/2019 9:40	27.87	91.3	6.27	3.7	SR5	10/22/2019 15:40	28.13	84.6	5.76	5.2	SR5	10/22/2019 21:40	28.00	87.8	5.97	4.4
SR5	10/22/2019 3:45	28.11	86.9	5.90	3.8	SR5	10/22/2019 9:45	27.88	91.7	6.30	5.1	SR5	10/22/2019 15:45	28.13	82.6	5.62	5.4	SR5	10/22/2019 21:45	28.02	85.9	5.84	4.2
SR5	10/22/2019 3:50	28.10	85.6	5.81	4.0	SR5	10/22/2019 9:50	27.93	91.6	6.29	5.2	SR5	10/22/2019 15:50	28.14	82.8	5.63	4.1	SR5	10/22/2019 21:50	28.02	86.4	5.87	4.7
SR5	10/22/2019 3:55	28.12	84.3	5.71	4.4	SR5	10/22/2019 9:55	27.95	92.1	6.33	4.2	SR5	10/22/2019 15:55	28.14	82.0	5.58	4.1	SR5	10/22/2019 21:55	28.01	85.0	5.79	3.7
SR5	10/22/2019 4:00	28.12	82.4	5.59	5.2	SR5	10/22/2019 10:00	27.94	92.8	6.38	4.7	SR5	10/22/2019 16:00	28.14	82.8	5.63	5.7	SR5	10/22/2019 22:00	28.01	87.6	5.96	3.7
SR5	10/22/2019 4:05	28.10	83.3	5.65	5.0	SR5	10/22/2019 10:05	27.94	92.6	6.37	5.7	SR5	10/22/2019 16:05	28.15	82.8	5.63	4.4	SR5	10/22/2019 22:05	28.02	87.6	5.96	3.6
SR5	10/22/2019 4:10	28.09	84.9	5.76	4.5	SR5	10/22/2019 10:10	27.93	93.0	6.39	5.1	SR5	10/22/2019 16:10	28.15	82.3	5.59	4.5	SR5	10/22/2019 22:10	28.01	87.0	5.92	4.9
SR5	10/22/2019 4:15	28.06	85.8	5.83	4.6	SR5	10/22/2019 10:15	27.94	92.2	6.34	4.9	SR5	10/22/2019 16:15	28.14	81.6	5.54	6.0	SR5	10/22/2019 22:15	28.03	87.6	5.96	3.7
SR5	10/22/2019 4:20	28.12	85.2	5.79	5.0	SR5	10/22/2019 10:20	27.93	91.9	6.31	7.7	SR5	10/22/2019 16:20	28.14	82.7	5.62	5.3	SR5	10/22/2019 22:20	28.04	87.6	5.96	3.9
SR5	10/22/2019 4:25	28.12	85.3	5.79	5.2	SR5	10/22/2019 10:25	27.95	91.9	6.31	3.8	SR5	10/22/2019 16:25	28.15	84.1	5.71	6.2	SR5	10/22/2019 22:25	28.04	88.0	6.00	4.1
SR5	10/22/2019 4:30	28.09	85.9	5.82	5.0	SR5	10/22/2019 10:30	27.95	90.9	6.25	5.0	SR5	10/22/2019 16:30	28.16	84.6	5.74	4.4	SR5	10/22/2019 22:30	28.06	88.6	6.03	5.5
SR5	10/22/2019 4:35	28.08	85.5	5.81	4.3	SR5	10/22/2019 10:35	27.96	91.4	6.28	4.7	SR5	10/22/2019 16:35	28.15	84.8	5.76	5.7	SR5	10/22/2019 22:35	28.05	87.6	5.95	3.4
SR5	10/22/2019 4:40	28.08	85.8	5.82	5.3	SR5	10/22/2019 10:40	27.98	91.7	6.29	4.3	SR5	10/22/2019 16:40	28.16	84.8	5.75	4.9	SR5	10/22/2019 22:40	28.05	87.0	5.92	3.8
SR5	10/22/2019 4:45	28.07	85.4	5.80	5.1	SR5	10/22/2019 10:45	27.96	91.4	6.27	3.9	SR5	10/22/2019 16:45	28.17	83.8	5.69	4.7	SR5	10/22/2019 22:45	28.05	87.3	5.94	3.1
SR5	10/22/2019 4:50	28.07	84.7	5.75	7.0	SR5	10/22/2019 10:50	27.97	92.1	6.33	5.6	SR5	10/22/2019 16:50	28.17	83.3	5.65	4.0	SR5	10/22/2019 22:50	28.02	87.1	5.94	5.0
SR5	10/22/2019 4:55	28.07	85.9	5.83	6.4	SR5						SR5	10/22/2019 16:55	28.17	84.5	5.73	4.8	SR5	10/22/2019 22:55	28.01	88.4	6.03	4.8
SR5	10/22/2019 5:00	28.04	87.0	5.92	5.6	SR5						SR5	10/22/2019 17:00	28.17	83.8	5.69	3.6	SR5	10/22/2019 23:00	27.97	87.2	5.95	3.6
SR5	10/22/2019 5:05	28.01	88.2	6.01	6.5	SR5						SR5	10/22/2019 17:05	28.17	84.7	5.74	3.0	SR5	10/22/2019 23:05	27.97	87.7	5.97	5.2
SR5	10/22/2019 5:10	27.95	87.6	5.97	5.3	SR5						SR5	10/22/2019 17:10	28.17	84.2	5.71	3.7	SR5	10/22/2019 23:10	27.98	87.9	5.98	5.2
SR5	10/22/2019 5:15	27.97	88.5	6.03	5.7	SR5	10/22/2019 11:15	27.95	93.1	6.39	4.2	SR5	10/22/2019 17:15	28.18	83.2	5.64	4.2	SR5	10/22/2019 23:15	28.02	87.7	5.97	3.6
SR5	10/22/2019 5:20	27.99	87.6	5.96	5.3	SR5	10/22/2019 11:20	27.95	93.8	6.45	4.3	SR5	10/22/2019 17:20	28.18	83.7	5.68	4.5	SR5	10/22/2019 23:20	28.01	87.8	5.98	3.3
SR5	10/22/2019 5:25	27.99	88.8	6.05	5.8	SR5	10/22/2019 11:25	27.94	93.5	6.42	4.5	SR5	10/22/2019 17:25	28.18	83.5	5.67	4.1	SR5	10/22/2019 23:25	28.02	86.5	5.89	4.5
SR5	10/22/2019 5:30	28.00	87.9	5.98	5.3	SR5	10/22/2019 11:30	27.93	93.2	6.41	4.4	SR5	10/22/2019 17:30	28.18	83.3	5.65	4.0	SR5	10/22/2019 23:30	28.04	84.8	5.78	4.6
SR5	10/22/2019 5:35	28.01	87.9	5.97	6.6	SR5	10/22/2019 11:35	27.94	94.7	6.51	4.8	SR5	10/22/2019 17:35	28.18	83.6	5.68	5.5	SR5	10/22/2019 23:35	28.03	87.9	5.98	5.2
SR5	10/22/2019 5:40	28.02	87.1	5.93	5.4	SR5	10/22/2019 11:40	27.94	92.5	6.37	3.8	SR5	10/22/2019 17:40	28.19	83.1	5.63	3.6	SR5	10/22/2019 23:40	27.98	87.9	5.98	3.4
SR5	10/22/2019 5:45	28.04	87.1	5.93	5.3	SR5	10/22/2019 11:45	27.93	92.4	6.36	4.1	SR5	10/22/2019 17:45	28.19	84.7	5.73	5.1	SR5	10/22/2019 23:45	28.01	86.7	5.91	3.8
SR5	10/22/2019 5:50	28.02	87.6	5.96	5.5	SR5	10/22/2019 11:50	27.93	91.4	6.28	4.6	SR5	10/22/2019 17:50	28.19	83.1	5.62	4.0	SR5	10/22/2019 23:50	27.99	85.8	5.84	5.0
SR5	10/22/2019 5:55	28.02	89.0	6.06	5.3	SR5	10/22/2019 11:55	27.93	93.1	6.40	4.6	SR5	10/22/2019 17:55	28.13	81.3	5.51	3.9	SR5	10/22/2019 23:55	28.02	86.8	5.91	4.3

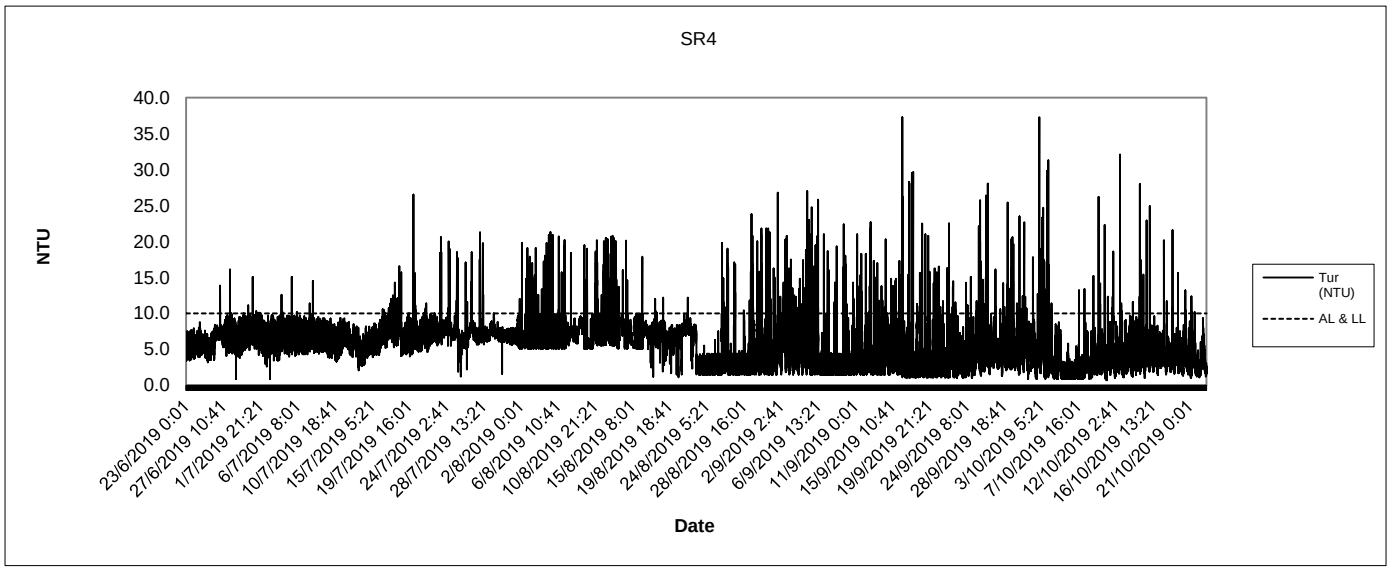
Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR12	10/22/2019 0:01	28.68	89.4	6.20	2.6	SR12	10/22/2019 6:01	28.80	83.4	5.76	2.6	SR12	10/22/2019 12:01	28.72	87.1	6.03	5.7	SR12	10/22/2019 18:01	28.69	90.3	6.27	5.5
SR12	10/22/2019 0:06	28.68	90.0	6.25	3.0	SR12	10/22/2019 6:06	28.78	83.2	5.75	3.5	SR12	10/22/2019 12:06	28.72	87.9	6.09	5.7	SR12	10/22/2019 18:06	28.69	90.2	6.27	6.0
SR12	10/22/2019 0:11	28.68	90.2	6.27	2.6	SR12	10/22/2019 6:11	28.77	83.3	5.77	3.5	SR12	10/22/2019 12:11	28.72	89.1	6.18	8.7	SR12	10/22/2019 18:11	28.70	89.6	6.23	6.1
SR12	10/22/2019 0:16	28.68	92.2	6.40	4.3	SR12	10/22/2019 6:16	28.78	84.2	5.84	3.3	SR12	10/22/2019 12:16	28.71	88.5	6.12	5.8	SR12	10/22/2019 18:16	28.67	90.4	6.27	8.2
SR12	10/22/2019 0:21	28.68	93.9	6.52	4.2	SR12	10/22/2019 6:21	28.77	83.2	5.76	3.5	SR12	10/22/2019 12:21	28.74	81.8	5.66	5.1	SR12	10/22/2019 18:21	28.62	91.9	6.39	5.2
SR12	10/22/2019 0:26	28.68	92.2	6.40	3.2	SR12	10/22/2019 6:26	28.75	82.5	5.71	2.8	SR12	10/22/2019 12:26	28.73	85.8	5.94	6.3	SR12	10/22/2019 18:26	28.65	89.8	6.24	5.4
SR12	10/22/2019 0:31	28.69	91.8	6.38	3.4	SR12	10/22/2019 6:31	28.74	80.9	5.60	2.6	SR12	10/22/2019 12:31	28.73	88.8	6.15	6.0	SR12	10/22/2019 18:31	28.62	91.2	6.34	5.1
SR12	10/22/2019 0:36	28.72	93.3	6.48	4.0	SR12	10/22/2019 6:36	28.74	83.2	5.76	3.4	SR12	10/22/2019 12:36	28.72	89.1	6.18	5.8	SR12	10/22/2019 18:36	28.60	90.2	6.27	4.3
SR12	10/22/2019 0:41	28.70	93.0	6.46	3.2	SR12	10/22/2019 6:41	28.74	81.7	5.64	2.8	SR12	10/22/2019 12:41	28.77	86.5	5.98	5.1	SR12	10/22/2019 18:41	28.62	89.3	6.20	4.9
SR12	10/22/2019 0:46	28.72	93.2	6.47	3.4	SR12	10/22/2019 6:46	28.71	81.5	5.62	3.3	SR12	10/22/2019 12:46	28.80	81.6	5.64	4.4	SR12	10/22/2019 18:46	28.61	89.6	6.23	4.6
SR12	10/22/2019 0:51	28.73	92.2	6.39	3.6	SR12	10/22/2019 6:51	28.76	80.7	5.57	2.9	SR12	10/22/2019 12:51	28.80	80.0	5.52	4.5	SR12	10/22/2019 18:51	28.64	89.1	6.19	5.3
SR12	10/22/2019 0:56	25.99	91.5	6.34	3.3	SR12	10/22/2019 6:56	28.72	81.3	5.61	3.3	SR12	10/22/2019 12:56	28.72	84.2	5.84	4.6	SR12	10/22/2019 18:56	28.64	90.0	6.25	5.1
SR12	10/22/2019 1:01	26.22	91.2	6.32	4.3	SR12	10/22/2019 7:01	28.74	81.9	5.65	3.0	SR12	10/22/2019 13:01	28.65	89.1	6.18	5.4	SR12	10/22/2019 19:01	28.63	90.3	6.26	5.2
SR12	10/22/2019 1:06	26.22	90.2	6.25	3.3	SR12	10/22/2019 7:06	28.73	84.7	5.85	4.3	SR12	10/22/2019 13:06	28.62	91.4	6.35	5.0	SR12	10/22/2019 19:06	28.64	89.5	6.21	5.2
SR12	10/22/2019 1:11	26.19	93.0	6.45	2.9	SR12	10/22/2019 7:11	28.73	83.5	5.77	3.7	SR12	10/22/2019 13:11	28.58	93.4	6.49	5.5	SR12	10/22/2019 19:11	28.64	90.4	6.26	5.1
SR12	10/22/2019 1:16	26.40	93.4	6.48	2.9	SR12	10/22/2019 7:16	28.74	85.2	5.89	3.6	SR12	10/22/2019 13:16	28.60	94.3	6.56	5.1	SR12	10/22/2019 19:16	28.62	90.1	6.23	4.6
SR12	10/22/2019 1:21	26.49	93.8	6.51	3.3	SR12	10/22/2019 7:21	28.70	85.0	5.86	3.6	SR12	10/22/2019 13:21	28.60	95.0	6.60	5.2	SR12	10/22/2019 19:21	28.62	89.4	6.19	4.2
SR12	10/22/2019 1:26	26.00	93.3	6.48	3.7	SR12	10/22/2019 7:26	28.69	84.6	5.85	3.1	SR12	10/22/2019 13:26	28.59	95.6	6.64	5.6	SR12	10/22/2019 19:26	28.62	88.0	6.10	4.7
SR12	10/22/2019 1:31	26.42	93.2	6.47	3.6	SR12	10/22/2019 7:31	28.68	84.2	5.82	3.7	SR12	10/22/2019 13:31	28.60	95.2	6.63	5.3	SR12	10/22/2019 19:31	28.63	88.4	6.12	4.3
SR12	10/22/2019 1:36	26.15	90.6	6.29	3.0	SR12	10/22/2019 7:36	28.66	82.3	5.68	2.8	SR12	10/22/2019 13:36	28.60	95.5	6.64	4.7	SR12	10/22/2019 19:36	28.64	88.0	6.09	5.1
SR12	10/22/2019 1:41	25.99	90.4	6.26	3.1	SR12	10/22/2019 7:41	28.66	83.5	5.78	3.5	SR12	10/22/2019 13:41	28.61	94.5	6.58	4.9	SR12	10/22/2019 19:41	28.64	91.6	6.33	4.9
SR12	10/22/2019 1:46	28.75	90.2	6.25	3.1	SR12	10/22/2019 7:46	28.66	83.5	5.77	2.7	SR12	10/22/2019 13:46	28.61	95.9	6.67	6.6	SR12	10/22/2019 19:46	28.63	90.7	6.28	5.3
SR12	10/22/2019 1:51	28.75	89.8	6.20	2.9	SR12	10/22/2019 7:51	28.66	84.0	5.80	3.8	SR12	10/22/2019 13:51	28.59	96.4	6.71	4.6	SR12	10/22/2019 19:51	28.62	90.7	6.28	4.2
SR12	10/22/2019 1:56	28.79	89.1	6.15	4.0	SR12	10/22/2019 7:56	28.68	84.1	5.82	3.6	SR12	10/22/2019 13:56	28.62	96.2	6.69	4.9	SR12	10/22/2019 19:56	28.62	90.8	6.30	4.6
SR12	10/22/2019 2:01	28.80	89.3	6.17	4.1	SR12	10/22/2019 8:01	28.67	85.2	5.88	3.5	SR12	10/22/2019 14:01	28.64	95.7	6.65	4.8	SR12	10/22/2019 20:01	28.62	91.6	6.36	5.3
SR12	10/22/2019 2:06	28.82	90.3	6.23	4.2	SR12	10/22/2019 8:06	28.66	84.3	5.84	3.4	SR12	10/22/2019 14:06	28.62	96.1	6.69	4.8	SR12	10/22/2019 20:06	28.61	90.2	6.27	5.2
SR12	10/22/2019 2:11	28.87	92.1	6.35	3.8	SR12	10/22/2019 8:11	28.68	84.8	5.88	3.0	SR12	10/22/2019 14:11	28.60	96.9	6.74	4.5	SR12	10/22/2019 20:11	28.60	90.0	6.26	4.3
SR12	10/22/2019 2:16	28.87	91.5	6.31	3.9	SR12	10/22/2019 8:16	28.66	84.4	5.87	3.7	SR12	10/22/2019 14:16	28.58	96.9	6.74	5.5	SR12	10/22/2019 20:16	28.62	89.4	6.21	5.2
SR12	10/22/2019 2:21	28.81	92.0	6.35	5.1	SR12	10/22/2019 8:21	28.68	84.3	5.84	2.8	SR12	10/22/2019 14:21	28.60	96.6	6.73	6.9	SR12	10/22/2019 20:21	28.64	87.0	6.04	6.0
SR12	10/22/2019 2:26	28.83	93.4	6.44	3.6	SR12	10/22/2019 8:26	28.66	84.0	5.82	3.4	SR12	10/22/2019 14:26	28.59	96.9	6.76	7.0	SR12	10/22/2019 20:26	28.65	88.2	6.12	5.8
SR12	10/22/2019 2:31	28.81	92.1	6.35	3.6	SR12	10/22/2019 8:31	28.66	82.2	5.69	3.1	SR12	10/22/2019 14:31	28.59	96.7	6.74	6.8	SR12	10/22/2019 20:31	28.62	87.1	6.04	4.9
SR12	10/22/2019 2:36	28.80	87.8	6.05	4.6	SR12	10/22/2019 8:36	28.66	82.4	5.71	3.0	SR12	10/22/2019 14:36	28.58	97.1	6.76	6.7	SR12	10/22/2019 20:36	28.65	87.1	6.03	5.1
SR12	10/22/2019 2:41	28.87	87.2	6.01	5.6	SR12	10/22/2019 8:41	28.66	84.7	5.85	3.3	SR12	10/22/2019 14:41	28.57	96.4	6.72	5.4	SR12	10/22/2019 20:41	28.65	87.3	6.03	5.9
SR12	10/22/2019 2:46	28.89	87.1	6.01	5.9	SR12	10/22/2019 8:46	28.65	83.6	5.79	3.8	SR12	10/22/2019 14:46	28.57	96.8	6.75	5.8	SR12	10/22/2019 20:46	28.64	87.7	6.06	5.7
SR12	10/22/2019 2:51	28.87	87.4	6.03	5.9	SR12	10/22/2019 8:51	28.64	82.7	5.72	3.1	SR12	10/22/2019 14:51	28.58	95.7	6.66	4.8	SR12	10/22/2019 20:51	28.59	86.3	5.97	4.5
SR12	10/22/2019 2:56	28.84	86.5	5.99	5.2	SR12	10/22/2019 8:56	28.67	82.7	5.72	3.7	SR12	10/22/2019 14:56	28.57	96.6	6.74	5.1	SR12	10/22/2019 20:56	28.58	85.2	5.89	5.0
SR12	10/22/2019 3:01	28.83	87.5	6.04	5.0	SR12	10/22/2019 9:01	28.67	84.0	5.80	3.3	SR12	10/22/2019 15:01	28.56	97.2	6.77	5.5	SR12	10/22/2019 21:01	28.63	87.4	6.04	5.5
SR12	10/22/2019 3:06	28.84	85.3	5.89	3.9	SR12	10/22/2019 9:06	28.66	83.4	5.77	3.6	SR12	10/22/2019 15:06	28.59	98.9	6.90	4.8	SR12	10/22/2019 21:06	28.54	86.9	6.01	4.8
SR12	10/22/2019 3:11	28.89	86.1	5.94	4.8	SR12	10/22/2019 9:11	28.67	82.9	5.73	3.6	SR12	10/22/2019 15:11	28.64	99.8	6.96	4.8	SR12	10/22/2019 21:11	28.55	88.5	6.13	5.6
SR12	10/22/2019 3:16	28.87	85.7	5.91	5.3	SR12	10/22/2019 9:16	28.65	84.7	5.85	3.8	SR12	10/22/2019 15:16	28.66	101.7	7.08	4.4	SR12	10/22/2019 21:16	28.55	88.0	6.09	5.0
SR12	10/22/2019 3:21	28.85	85.4	5.88	4.7	SR12	10/22/2019 9:21	28.64	82.5	5.70	3.5	SR12	10/22/2019 15:21	28.62	99.3	6.93	4.9	SR12	10/22/2019 21:21	28.57	87.2	6.04	5.9
SR12	10/22/2019 3:26	28.84	84.9	5.85	3.6	SR12	10/22/2019 9:26	28.63	81.1	5.60	4.0	SR12	10/22/2019 15:26	28.64	99.4	6.93	4.2	SR12	10/22/2019 21:26	28.61	86.7	6.01	5.1
SR12	10/22/2019 3:31	28.83	85.6	5.90	4.7	SR12	10/22/2019 9:31	28.62	80.9	5.60	3.8	SR12	10/22/2019 15:31	28.63	99.3	6.93	4.8	SR12	10/22/2019 21:31	28.58	86.8	6.03	4.5
SR12	10/22/2019 3:36	28.79	87.2	6.02	3.7	SR12	10/22/2019 9:36	28.62	82.1	5.68	3.7	SR12	10/22/2019 15:36	28.62	97.9	6.82	4.8	SR12	10/22/2019 21:36	28.59	85.7	5.94	5.4
SR12	10/22/2019 3:41	28.75	85.0	5.87	3.3	SR12	10/22/2019 9:41	28.63	80.8	5.59	4.0	SR12	10/22/2019 15:41	28.61	98.2	6.85	4.5	SR12	10/22/2019 21:41	28.56	86.4	5.99	4.4
SR12	10/22/2019 3:46	28.80	83.2	5.73	3.6	SR12	10/22/2019 9:46	28.69	80.1	5.54	4.7	SR12	10/22/2019 15:46	28.62	98.1	6.85	5.4	SR12	10/22/2019 21:46	28.59	85.6	5.94	5.8
SR12	10/22/2019 3:51	28.79	83.4	5.76	3.3	SR12	10/22/2019 9:51	28.65	79.4	5.48	4.2	SR12	10/22/2019 15:51	28.55	90.3	6.31	4.0	SR12	10/22/2019 21:51	28.50	87.1	6.03	4.6
SR12	10/22/2019 3:56	28.75	82.9	5.73	3.0	SR12	10/22/2019 9:56	28.67	81.1	5.62	3.4	SR12	10/22/2019 15:56	28.57	90.3	6.31	3.7	SR12	10/22/2019 21:56	28.50	86.7	6.02	4.3
SR12	10/22/2019 4:01	28.81	81.0	5.58	3.6	SR12	10/22/2019 10:01	28.71	79.5	5.51	3.5	SR12	10/22/2019 16:01	28.59	93.8	6.55	4.6	SR12	10/22/2019 22:01	28.45	84.8	5.88	4.2
SR12	10/22/2019 4:06	28.76	80.3	5.54	3.6	SR12	10/22/2019 10:06	28.68	78.9	5.47	4.0	SR12	10/22/2019 16:06	28.52	86.3	6.04	5.9	SR12	10/22/2019 22:06	28.49	85.8	5.95	4.9
SR12	10/22/2019 4:11	28.77	80.6	5.55	3.9	SR12	10/22/2019 10:11	28.66	77.3	5.35	3.0	SR12	10/22/2019 16:11	28.50	72.6	5.08	5.7	SR12	10/22/2019 22:11	28.52	85.0	5.90	4.1
SR12	10/22/2019 4:16	28.80	84.6	5.83	3.3	SR12	10/22/2019 10:16	28.65	79.3	5.49	3.4	SR12	10/22/2019 16:16	28.62	92.5	6.45	4.4	SR12	10/22/2019 22:16	28.56	86.3	5.98	5.2
SR12	10/22/2019 4:21	28.68	84.0	5.81	4.2	SR12	10/22/2019 10:21	28.72	82.2	5.69	4.4	SR12	10/22/2019 16:21	28.57	76.0	5.30	4.7	SR12	10/22/2019 22:21	28.52	84.0	5.83	3.8
SR12	10/22/2019 4:26	28.77	85.4	5.91	3.9	SR12	10/22/2019 10:26	28.72	79.6	5.51	4.2	SR12	10/22/2019 16:26	28.62	89.1	6.21	4.6	SR12	10/22/2019 22:26	28.45	82.6	5.75	3.7
SR12	10/22/2019 4:31	28.76	84.5	5.84	3.5	SR12	10/22/2019 10:31	28.70	80.7	5.59	4.0	SR12	10/22/2019 16:31	28.63	93.0	6.48	4.4	SR12	10/22/2019 22:31	28.41	83.7	5.82	3.5
SR12	10/22/2019 4:36	28.77	83.6	5.76	4.5	SR12	10/22/2019 10:36	28.76	82.4	5.70	4.7	SR12	10/22/2019 16:36	28.64	93.7	6.53	4.5	SR12	10/22/2019 22:36	28.46	83.2	5.78	3.4
SR12	10/22/2019 4:41	28.80	84.6	5.83	3.3	SR12	10/22/2019 10:41	28.76	82.2	5.69	6.2	SR12	10/22/2019 16:41	28.63	93.6	6.53	4.3	SR12	10/22/2019 22:41	28.44	84.0	5.84	3.9
SR12	10/22/2019 4:46	28.80	86.9	5.99	4.0	SR12	10/22/2019 10:46	28.77	82.9	5.74	4.9	SR12	10/22/2019 16:46	28.62	94.9	6.61	4.0	SR12	10/22/2019 22:46	28.45	83.9	5.83	3.9
SR12	10/22/2019 4:51	28.80	86.2	5.94	3.0	SR12	10/22/2019 10:51	28.78	84.8	5.86	6.5	SR12	10/22/2019 16:51	28.65	94.5	6.58	4.5	SR12	10/22/2019 22:51	28.45	84.9	5.89	4.0
SR12	10/22/2019 4:56	28.77	83.4	5.75	3.5	SR12	10/22/2019 10:56	28.72	81.6	5.66	4.3	SR12	10/22/2019 16:56	28.63	92.6	6.45	5.9	SR12	10/22/2019 22:56	28.49	84.4	5.88	3.3
SR12	10/22/2019 5:01	28.77	84.6	5.82	3.2	SR12	10/22/2019 11:01	28.65	82.8	5.75	4.8	SR12	10/22/2019 17:01	28.63	92.6	6.43	6.8	SR12	10/22/2019 23:01	28.53	86.2	6.00	4.5
SR12	10/22/2019 5:06	28.76	85.4	5.88	2.9	SR12	10/22/2019 11:06	28.66	79.5	5.52	3.7	SR12	10/22/2019 17:06	28.56	91.0	6.34	3.9	SR12	10/22/2019 23:06	28.54	85.2	5.94	3.7
SR12	10/22/2019 5:11	28.74	82.9	5.71	2.8	SR12	10/22/2019 11:11	28.70	79.1	5.48	4.4	SR12	10/22/2019 17:11	28.62	90.0	6.26	4.6	SR12	10/22/2019 23:11	28.52	85.5	5.94	4.1
SR12	10/22/2019 5:16	28.75	80.0	5.52	3.1	SR12	10/22/2019 11:16	28.70	82.0	5.68	6.1	SR12	10/22/2019 17:16	28.64	90.6	6.31	6.1	SR12	10/22/2019 23:16	28.49	86.2	6.00	4.0
SR12	10/22/2019 5:21	28.85	82.7	5.70	3.9	SR12	10/22/2019 11:21	28.72	84.1	5.83	5.1	SR12	10/22/2019 17:21	28.63	91.2	6.34	8.4	SR12	10/22/2019 23:21	28.48	85.2	5.94	4.1
SR12	10/22/2019 5:26	28.75	78.8	5.44	3.8	SR12	10/22/2019 11:26	28.73	85.6	5.93	5.2	SR12	10/22/2019 17:26	28.62	92.1	6.41	8.3	SR12	10/22/2019 23:26	28.47	83.7	5.82	3.2
SR12	10/22/2019 5:31	28.83	81.0	5.59	3.2	SR12	10/22/2019 11:31	28.75	85.3	5.90	5.5	SR12	10/22/2019 17:31	28.62	91.9	6.39	6.6	SR12	10/22/2019 23:31	28.47	87.5	6.11	4.8
SR12	10/22/2019 5:36	28.81	79.9	5.51	2.6	SR12	10/22/2019 11:36	28.74	86.4	5.98	6.5	SR12	10/22/2019 17:36	28.61	92.3	6.41	6.8	SR12	10/22/2019 23:36	28.47	88.3	6.15	4.2
SR12	10/22/2019 5:41	28.75	82.8	5.72	3.3	SR12	10/22/2019 11:41	28.75	85.5	5.91	5.5	SR12	10/22/2019 17:41	28.60	92.0	6.43	7.2	SR12	10/22/2019 23:41	28.46	87.1	6.07	3.7
SR12	10/22/2019 5:46	28.76	83.5	5.77	3.6	SR12	10/22/2019 11:46	28.74	85.6	5.92	5.1	SR12	10/22/2019 17:46	28.60	91.2	6.37	6.6	SR12	10/22/2019 23:46	28.45	85.9	5.99	3.9
SR12	10/22/2019 5:51	28.77	84.8	5.86	3.8	SR12	10/22/2019 11:51	28.73	86.2	5.96	6.8	SR12	10/22/2019 17:51	28.61	91.1	6.33	5.6	SR12	10/22/2019 23:51	28.44	88.0	6.14	4.1
SR12	10/22/2019 5:56	28.78	84.0	5.81	3.2	SR12	10/22/2019 11:56	28.74	85.8	5.93	5.5	SR12	10/22/2019 17:56	28.68	91.2	6.34	6.8	SR12	10/22/2019 23:56	28.45	87.4	6.10	4.0

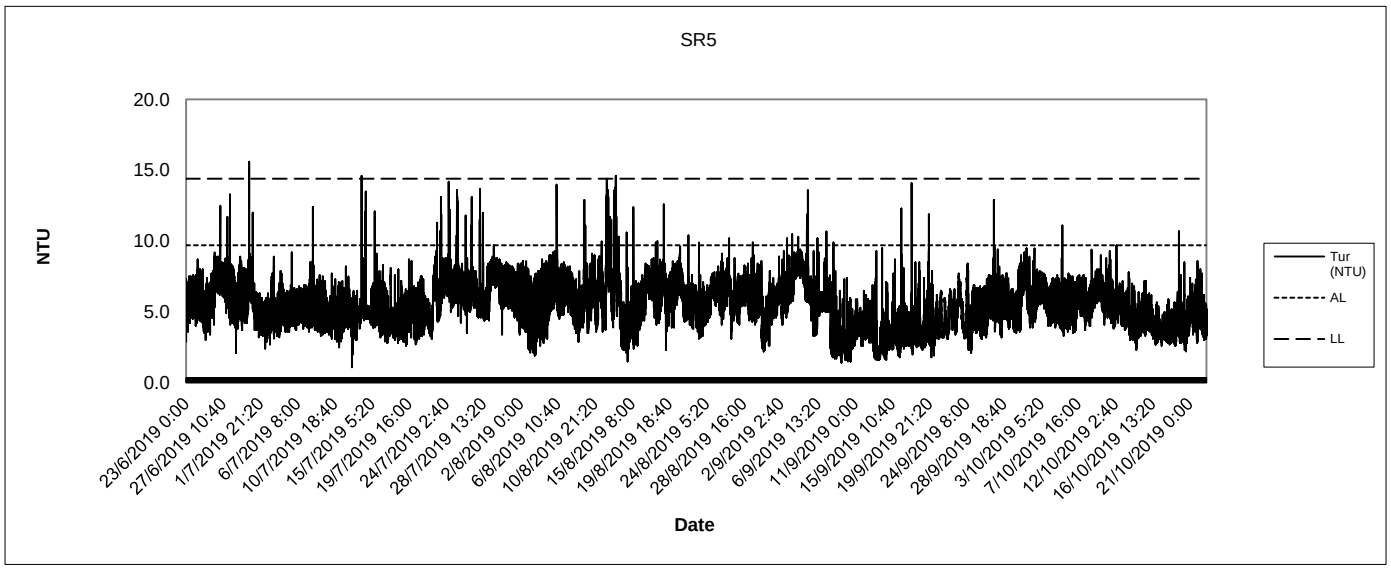
Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR13	10/22/2019 0:00	27.84	88.1	6.25	6.4	SR13	10/22/2019 6:00	27.67	86.4	6.15	5.0	SR13	10/22/2019 12:00	27.80	84.2	5.99	2.7	SR13	10/22/2019 18:00	27.68	83.6	5.95	4.5
SR13	10/22/2019 0:05	27.87	87.9	6.24	3.7	SR13	10/22/2019 6:05	27.72	86.8	6.18	5.1	SR13	10/22/2019 12:05	27.76	83.5	5.94	4.5	SR13	10/22/2019 18:05	27.71	84.1	5.98	5.8
SR13	10/22/2019 0:10	27.88	88.4	6.28	6.7	SR13	10/22/2019 6:10	27.73	87.1	6.21	4.8	SR13	10/22/2019 12:10	27.80	83.1	5.91	3.6	SR13	10/22/2019 18:10	27.72	81.3	5.78	3.8
SR13	10/22/2019 0:15	27.89	87.9	6.25	5.0	SR13	10/22/2019 6:15	27.76	87.1	6.19	3.1	SR13	10/22/2019 12:15	27.81	82.8	5.89	4.5	SR13	10/22/2019 18:15	27.71	80.9	5.75	4.5
SR13	10/22/2019 0:20	27.91	87.6	6.22	7.2	SR13	10/22/2019 6:20	26.93	85.9	6.11	4.9	SR13	10/22/2019 12:20	27.80	83.0	5.91	5.5	SR13	10/22/2019 18:20	27.71	83.6	5.95	5.9
SR13	10/22/2019 0:25	27.91	87.8	6.23	6.5	SR13	10/22/2019 6:25	27.03	86.5	6.15	3.6	SR13	10/22/2019 12:25	27.82	83.1	5.90	4.0	SR13	10/22/2019 18:25	27.69	84.3	5.99	5.3
SR13	10/22/2019 0:30	27.91	87.9	6.24	5.4	SR13	10/22/2019 6:30	27.02	86.4	6.16	3.5	SR13	10/22/2019 12:30	27.82	84.9	6.02	3.8	SR13	10/22/2019 18:30	27.68	85.3	6.06	4.5
SR13	10/22/2019 0:35	27.90	87.5	6.22	6.6	SR13	10/22/2019 6:35	27.04	87.4	6.23	4.2	SR13	10/22/2019 12:35	27.85	84.4	5.99	3.8	SR13	10/22/2019 18:35	27.67	87.2	6.20	5.6
SR13	10/22/2019 0:40	27.91	89.4	6.34	6.1	SR13	10/22/2019 6:40	27.11	86.5	6.15	3.0	SR13	10/22/2019 12:40	27.85	84.2	5.99	3.1	SR13	10/22/2019 18:40	27.65	86.1	6.13	5.8
SR13	10/22/2019 0:45	27.91	89.9	6.38	5.3	SR13	10/22/2019 6:45	27.11	87.5	6.23	4.5	SR13	10/22/2019 12:45	27.84	84.1	5.97	3.8	SR13	10/22/2019 18:45	27.62	86.3	6.14	5.6
SR13	10/22/2019 0:50	27.92	89.1	6.33	6.4	SR13	10/22/2019 6:50	27.00	87.3	6.21	5.1	SR13	10/22/2019 12:50	27.84	85.0	6.04	4.1	SR13	10/22/2019 18:50	27.61	86.0	6.12	5.9
SR13	10/22/2019 0:55	27.88	88.2	6.27	4.5	SR13	10/22/2019 6:55	27.13	87.4	6.22	4.5	SR13	10/22/2019 12:55	27.82	83.1	5.90	3.9	SR13	10/22/2019 18:55	27.63	85.3	6.08	5.6
SR13	10/22/2019 1:00	27.87	88.2	6.26	6.4	SR13	10/22/2019 7:00	27.01	85.0	6.05	3.2	SR13	10/22/2019 13:00	27.81	81.8	5.81	4.2	SR13	10/22/2019 19:00	27.64	86.9	6.19	6.2
SR13	10/22/2019 1:05	27.84	88.2	6.26	5.7	SR13	10/22/2019 7:05	26.99	84.2	5.99	2.3	SR13	10/22/2019 13:05	27.84	83.3	5.92	5.3	SR13	10/22/2019 19:05	27.65	87.3	6.22	6.2
SR13	10/22/2019 1:10	27.82	88.4	6.27	4.0	SR13	10/22/2019 7:10	27.83	85.5	6.08	3.3	SR13	10/22/2019 13:10	27.78	81.5	5.79	4.6	SR13	10/22/2019 19:10	27.66	87.8	6.24	6.4
SR13	10/22/2019 1:15	27.80	88.3	6.27	5.3	SR13	10/22/2019 7:15	27.83	85.2	6.05	3.6	SR13	10/22/2019 13:15	27.81	82.3	5.84	3.0	SR13	10/22/2019 19:15	27.66	88.1	6.27	6.1
SR13	10/22/2019 1:20	27.82	88.7	6.29	3.6	SR13	10/22/2019 7:20	27.81	85.4	6.07	2.8	SR13	10/22/2019 13:20	27.80	82.4	5.86	4.9	SR13	10/22/2019 19:20	27.67	88.0	6.25	6.6
SR13	10/22/2019 1:25	27.79	87.6	6.21	3.2	SR13	10/22/2019 7:25	27.82	86.1	6.11	4.5	SR13	10/22/2019 13:25	27.78	84.2	5.99	5.1	SR13	10/22/2019 19:25	27.68	88.2	6.28	6.1
SR13	10/22/2019 1:30	27.77	88.5	6.27	4.5	SR13	10/22/2019 7:30	27.84	86.4	6.14	4.9	SR13	10/22/2019 13:30	27.77	84.1	5.99	4.0	SR13	10/22/2019 19:30	27.67	87.9	6.25	6.0
SR13	10/22/2019 1:35	27.75	88.3	6.26	5.4	SR13	10/22/2019 7:35	27.86	87.4	6.21	4.4	SR13	10/22/2019 13:35	27.76	84.5	6.01	4.3	SR13	10/22/2019 19:35	27.65	88.9	6.32	6.1
SR13	10/22/2019 1:40	27.73	88.4	6.27	5.3	SR13	10/22/2019 7:40	27.85	86.8	6.17	2.6	SR13	10/22/2019 13:40	27.73	84.3	6.01	3.0	SR13	10/22/2019 19:40	27.65	88.0	6.26	6.4
SR13	10/22/2019 1:45	27.74	87.2	6.19	5.2	SR13	10/22/2019 7:45	27.82	86.7	6.16	4.7	SR13	10/22/2019 13:45	27.75	83.3	5.92	4.0	SR13	10/22/2019 19:45	27.65	89.0	6.33	7.2
SR13	10/22/2019 1:50	27.75	87.3	6.19	4.4	SR13	10/22/2019 7:50	27.82	87.4	6.21	3.0	SR13	10/22/2019 13:50	27.76	83.2	5.91	4.0	SR13	10/22/2019 19:50	27.64	89.5	6.37	6.6
SR13	10/22/2019 1:55	27.72	87.3	6.19	6.0	SR13	10/22/2019 7:55	27.80	87.0	6.18	2.7	SR13	10/22/2019 13:55	27.75	83.1	5.92	5.1	SR13	10/22/2019 19:55	27.65	90.2	6.42	6.9
SR13	10/22/2019 2:00	27.71	87.1	6.18	4.0	SR13	10/22/2019 8:00	27.79	86.6	6.16	5.0	SR13	10/22/2019 14:00	27.75	83.6	5.96	4.2	SR13	10/22/2019 20:00	27.63	90.0	6.41	6.6
SR13	10/22/2019 2:05	27.68	87.4	6.21	4.8	SR13	10/22/2019 8:05	27.79	87.2	6.19	4.7	SR13	10/22/2019 14:05	27.75	83.5	5.94	5.0	SR13	10/22/2019 20:05	27.64	86.0	6.12	6.0
SR13	10/22/2019 2:10	27.68	87.1	6.19	4.8	SR13	10/22/2019 8:10	27.79	86.3	6.13	5.2	SR13	10/22/2019 14:10	27.71	83.6	5.96	4.7	SR13	10/22/2019 20:10	27.63	88.1	6.27	6.9
SR13	10/22/2019 2:15	27.69	87.8	6.24	5.7	SR13	10/22/2019 8:15	27.79	86.3	6.14	5.5	SR13	10/22/2019 14:15	27.70	82.7	5.89	4.3	SR13	10/22/2019 20:15	27.65	88.7	6.31	6.1
SR13	10/22/2019 2:20	27.69	87.8	6.24	4.4	SR13	10/22/2019 8:20	27.79	86.7	6.17	5.5	SR13	10/22/2019 14:20	27.68	83.1	5.92	3.3	SR13	10/22/2019 20:20	27.64	89.2	6.35	6.2
SR13	10/22/2019 2:25	27.68	87.3	6.20	3.9	SR13	10/22/2019 8:25	27.77	87.1	6.20	5.1	SR13	10/22/2019 14:25	27.68	82.5	5.86	4.2	SR13	10/22/2019 20:25	27.66	89.0	6.33	6.3
SR13	10/22/2019 2:30	27.69	87.4	6.22	4.2	SR13	10/22/2019 8:30	27.77	86.7	6.16	5.2	SR13	10/22/2019 14:30	27.66	83.0	5.90	4.1	SR13	10/22/2019 20:30	27.69	87.6	6.25	5.8
SR13	10/22/2019 2:35	27.70	87.0	6.18	5.3	SR13	10/22/2019 8:35	27.78	86.5	6.14	5.3	SR13	10/22/2019 14:35	27.67	82.4	5.86	4.7	SR13	10/22/2019 20:35	27.72	87.2	6.22	5.7
SR13	10/22/2019 2:40	27.71	86.8	6.17	6.4	SR13	10/22/2019 8:40	27.76	86.0	6.11	4.1	SR13	10/22/2019 14:40	27.66	83.2	5.91	3.4	SR13	10/22/2019 20:40	27.71	89.2	6.35	5.3
SR13	10/22/2019 2:45	27.72	86.7	6.16	4.3	SR13	10/22/2019 8:45	27.75	85.6	6.08	3.5	SR13	10/22/2019 14:45	27.66	82.8	5.88	5.0	SR13	10/22/2019 20:45	27.68	89.9	6.40	5.9
SR13	10/22/2019 2:50	27.74	86.7	6.17	5.1	SR13	10/22/2019 8:50	27.73	85.2	6.06	4.5	SR13	10/22/2019 14:50	27.66	84.0	5.98	4.1	SR13	10/22/2019 20:50	27.69	91.9	6.54	5.6
SR13	10/22/2019 2:55	27.74	86.2	6.13	4.0	SR13	10/22/2019 8:55	27.70	86.6	6.16	4.4	SR13	10/22/2019 14:55	27.63	82.7	5.88	3.3	SR13	10/22/2019 20:55	27.67	92.3	6.58	5.6
SR13	10/22/2019 3:00	27.74	88.8	6.31	3.8	SR13	10/22/2019 9:00	27.67	87.3	6.21	5.3	SR13	10/22/2019 15:00	27.64	84.1	5.97	3.9	SR13	10/22/2019 21:00	27.69	92.4	6.58	5.4
SR13	10/22/2019 3:05	27.74	89.7	6.38	3.4	SR13	10/22/2019 9:05	27.65	86.8	6.17	3.0	SR13	10/22/2019 15:05	27.63	83.3	5.92	5.1	SR13	10/22/2019 21:05	27.70	92.9	6.62	5.5
SR13	10/22/2019 3:10	27.74	88.5	6.30	4.2	SR13	10/22/2019 9:10	27.65	86.2	6.13	5.2	SR13	10/22/2019 15:10	27.64	82.9	5.89	4.2	SR13	10/22/2019 21:10	27.71	92.7	6.61	6.2
SR13	10/22/2019 3:15	27.73	87.5	6.24	4.1	SR13	10/22/2019 9:15	27.64	86.1	6.13	3.9	SR13	10/22/2019 15:15	27.62	82.8	5.89	4.0	SR13	10/22/2019 21:15	27.70	90.8	6.48	5.6
SR13	10/22/2019 3:20	27.75	88.0	6.25	3.8	SR13	10/22/2019 9:20	27.64	85.0	6.05	4.7	SR13	10/22/2019 15:20	27.61	82.1	5.83	5.2	SR13	10/22/2019 21:20	27.71	90.2	6.43	5.1
SR13	10/22/2019 3:25	27.72	88.2	6.28	3.6	SR13	10/22/2019 9:25	27.68	84.7	6.02	4.5	SR13	10/22/2019 15:25	27.62	82.6	5.87	2.7	SR13	10/22/2019 21:25	27.71	91.1	6.50	6.0
SR13	10/22/2019 3:30	27.72	88.6	6.29	3.7	SR13	10/22/2019 9:30	27.67	85.1	6.05	3.7	SR13	10/22/2019 15:30	27.60	82.2	5.84	3.6	SR13	10/22/2019 21:30	27.69	90.0	6.43	6.7
SR13	10/22/2019 3:35	27.69	88.0	6.27	3.4	SR13	10/22/2019 9:35	27.67	84.4	5.99	2.9	SR13	10/22/2019 15:35	27.59	82.5	5.87	4.6	SR13	10/22/2019 21:35	27.67	85.4	6.10	6.1
SR13	10/22/2019 3:40	27.70	87.6	6.23	4.1	SR13	10/22/2019 9:40	27.69	85.4	6.06	5.3	SR13	10/22/2019 15:40	27.60	83.2	5.92	2.6	SR13	10/22/2019 21:40	27.74	91.4	6.51	5.7
SR13	10/22/2019 3:45	27.71	87.2	6.21	5.0	SR13	10/22/2019 9:45	27.65	85.3	6.06	3.2	SR13	10/22/2019 15:45	27.62	84.3	5.99	5.0	SR13	10/22/2019 21:45	27.74	85.9	6.12	5.6
SR13	10/22/2019 3:50	27.70	88.6	6.31	5.0	SR13	10/22/2019 9:50	27.68	86.7	6.16	4.7	SR13	10/22/2019 15:50	27.62	82.8	5.89	3.1	SR13	10/22/2019 21:50	27.75	90.7	6.47	5.7
SR13	10/22/2019 3:55	27.72	88.3	6.28	3.5	SR13	10/22/2019 9:55	27.70	86.9	6.17	5.3	SR13	10/22/2019 15:55	27.63	84.0	5.98	3.1	SR13	10/22/2019 21:55	27.75	92.1	6.56	5.8
SR13	10/22/2019 4:00	27.69	87.8	6.25	4.7	SR13	10/22/2019 10:00	27.71	86.3	6.12	5.4	SR13	10/22/2019 16:00	27.66	83.4	5.94	3.4	SR13	10/22/2019 22:00	27.76	92.2	6.58	6.0
SR13	10/22/2019 4:05	27.70	87.7	6.24	3.5	SR13	10/22/2019 10:05	27.72	86.3	6.12	4.3	SR13	10/22/2019 16:05	27.66	83.8	5.96	4.8	SR13	10/22/2019 22:05	27.78	92.5	6.60	6.0
SR13	10/22/2019 4:10	27.70	87.7	6.24	3.0	SR13	10/22/2019 10:10	27.72	88.2	6.25	4.0	SR13	10/22/2019 16:10	27.66	83.3	5.92	3.5	SR13	10/22/2019 22:10	27.77	92.5	6.59	6.1
SR13	10/22/2019 4:15	27.68	87.5	6.22	3.0	SR13	10/22/2019 10:15	27.74	87.1	6.17	2.7	SR13	10/22/2019 16:15	27.66	83.7	5.95	4.4	SR13	10/22/2019 22:15	27.78	92.6	6.60	6.6
SR13	10/22/2019 4:20	27.68	87.0	6.19	2.6	SR13	10/22/2019 10:20	27.74	84.9	6.02	4.5	SR13	10/22/2019 16:20	27.65	82.9	5.90	2.9	SR13	10/22/2019 22:20	27.77	92.3	6.58	7.0
SR13	10/22/2019 4:25	27.64	87.3	6.21	4.3	SR13	10/22/2019 10:25	27.75	84.5	5.98	3.7	SR13	10/22/2019 16:25	27.62	84.0	5.97	3.5	SR13	10/22/2019 22:25	27.76	91.8	6.55	6.8
SR13	10/22/2019 4:30	27.65	87.4	6.22	3.6	SR13	10/22/2019 10:30	27.76	84.8	6.01	4.8	SR13	10/22/2019 16:30	27.63	82.8	5.89	3.6	SR13	10/22/2019 22:30	27.72	90.9	6.48	6.0
SR13	10/22/2019 4:35	27.69	87.6	6.24	3.3	SR13	10/22/2019 10:35	27.77	84.4	5.99	5.9	SR13	10/22/2019 16:35	27.64	81.8	5.82	3.9	SR13	10/22/2019 22:35	27.73	90.3	6.43	5.7
SR13	10/22/2019 4:40	27.69	86.6	6.17	3.0	SR13	10/22/2019 10:40	27.78	83.2	5.92	3.9	SR13	10/22/2019 16:40	27.64	83.0	5.90	4.1	SR13	10/22/2019 22:40	27.72	91.0	6.49	6.4
SR13	10/22/2019 4:45	27.70	85.3	6.08	4.7	SR13	10/22/2019 10:45	27.82	84.8	6.03	3.8	SR13	10/22/2019 16:45	27.63	84.2	5.98	4.9	SR13	10/22/2019 22:45	27.71	91.7	6.54	6.8
SR13	10/22/2019 4:50	27.71	86.4	6.15	5.0	SR13	10/22/2019 10:50	27.79	81.9	5.82	3.8	SR13	10/22/2019 16:50	27.64	84.2	5.98	4.5	SR13	10/22/2019 22:50	27.72	92.3	6.58	6.8
SR13	10/22/2019 4:55	27.71	86.4	6.15	4.9	SR13	10/22/2019 10:55	27.83	83.8	5.96	5.1	SR13	10/22/2019 16:55	27.65	83.7	5.94	4.7	SR13	10/22/2019 22:55	27.73	93.2	6.65	6.2
SR13	10/22/2019 5:00	27.71	86.8	6.19	2.7	SR13	10/22/2019 11:00	27.82	82.8	5.89	4.3	SR13	10/22/2019 17:00	27.64	85.2	6.05	6.3	SR13	10/22/2019 23:00	27.72	94.1	6.70	6.3
SR13	10/22/2019 5:05	27.70	87.5	6.24	2.9	SR13	10/22/2019 11:05	27.80	83.2	5.91	3.2	SR13	10/22/2019 17:05	27.66	83.9	5.96	5.0	SR13	10/22/2019 23:05	27.69	92.7	6.62	6.5
SR13	10/22/2019 5:10	27.69	87.8	6.26	3.1	SR13	10/22/2019 11:10	27.80	84.0	5.97	2.9	SR13	10/22/2019 17:10	27.66	82.9	5.89	5.7	SR13	10/22/2019 23:10	27.68	92.6	6.60	6.5
SR13	10/22/2019 5:15	27.68	87.6	6.23	5.2	SR13	10/22/2019 11:15	27.82	84.3	5.99	4.9	SR13	10/22/2019 17:15	27.65	83.8	5.96	4.7	SR13	10/22/2019 23:15	27.67	92.9	6.62	5.8
SR13	10/22/2019 5:20	27.68	87.4	6.23	2.3	SR13	10/22/2019 11:20	27.82	84.9	6.04	5.0	SR13	10/22/2019 17:20	27.66	83.7	5.95	4.5	SR13	10/22/2019 23:20	27.65	92.3	6.58	6.3
SR13	10/22/2019 5:25	27.68	88.4	6.29	2.6	SR13	10/22/2019 11:25	27.77	83.4	5.93	3.5	SR13	10/22/2019 17:25	27.66	83.6	5.93	4.3	SR13	10/22/2019 23:25	27.63	91.9	6.55	5.4
SR13	10/22/2019 5:30	27.68	88.2	6.28	3.0	SR13	10/22/2019 11:30	27.77	83.4	5.93	2.6	SR13	10/22/2019 17:30	27.69	83.6	5.94	4.4	SR13	10/22/2019 23:30	27.63	92.3	6.59	6.5
SR13	10/22/2019 5:35	27.65	87.5	6.24	3.8	SR13	10/22/2019 11:35	27.76	83.3	5.93	4.1	SR13	10/22/2019 17:35	27.67	83.4	5.93	6.2	SR13	10/22/2019 23:35	27.63	88.6	6.33	5.6
SR13	10/22/2019 5:40	27.67	87.9	6.26	5.3	SR13	10/22/2019 11:40	27.76	83.1	5.92	2.6	SR13	10/22/2019 17:40	27.68	84.1	5.98	4.3	SR13	10/22/2019 23:40	27.66	88.4	6.30	6.6
SR13	10/22/2019 5:45	27.67	87.9	6.26	5.4	SR13	10/22/2019 11:45	27.79	81.9	5.82	5.3	SR13	10/22/2019 17:45	27.70	81.9	5.83	4.8	SR13	10/22/2019 23:45	27.66	90.7	6.47	5.5
SR13	10/22/2019 5:50	27.68	87.3	6.22	2.5	SR13	10/22/2019 11:50	27.77	81.9	5.83	3.1	SR13	10/22/2019 17:50	27.68	82.4	5.86	5.7	SR13	10/22/2019 23:50	27.64	86.4	6.18	6.6
SR13	10/22/2019 5:55	27.65	86.5	6.17	3.4	SR13	10/22/2019 11:55	27.79	81.1	5.77	3.2	SR13	10/22/2019 17:55	27.68	82.9	5.90	3.3	SR13	10/22/2019 23:55	27.61	81.6	5.84	6.5

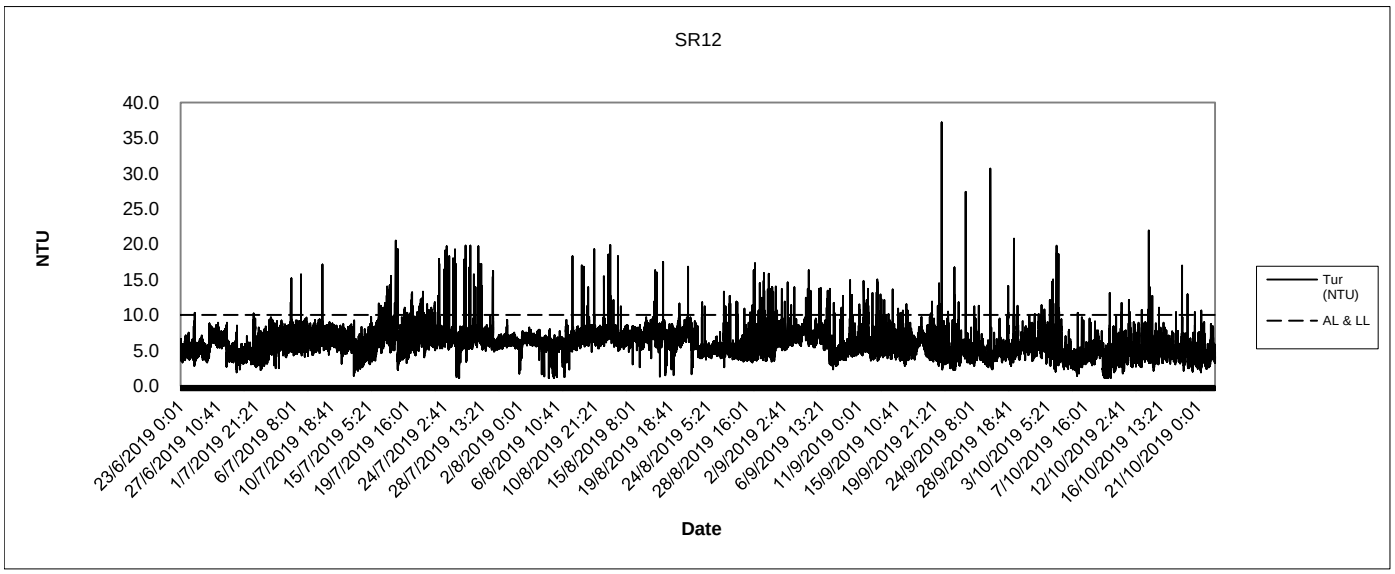
Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	10/22/2019 0:17	0.13				SR12	10/22/2019 0:17	0.20			
SR4	10/22/2019 0:37	0.13				SR12	10/22/2019 0:37	0.22			
SR4	10/22/2019 0:57	0.14				SR12	10/22/2019 0:57	0.21			
SR4	10/22/2019 1:17	0.12				SR12	10/22/2019 1:17	0.23			
SR4	10/22/2019 1:37	0.13				SR12	10/22/2019 1:37	0.20			
SR4	10/22/2019 1:57	0.12				SR12	10/22/2019 1:57	0.21			
SR4	10/22/2019 2:17	0.13				SR12	10/22/2019 2:17	0.23			
SR4	10/22/2019 2:37	0.14				SR12	10/22/2019 2:37	0.23			
SR4	10/22/2019 2:57	0.15				SR12	10/22/2019 2:57	0.24			
SR4	10/22/2019 3:17	0.14				SR12	10/22/2019 3:17	0.24			
SR4	10/22/2019 3:37	0.14				SR12	10/22/2019 3:37	0.23			
SR4	10/22/2019 3:57	0.15				SR12	10/22/2019 3:57	0.22			
SR4	10/22/2019 4:17	0.13				SR12	10/22/2019 4:17	0.23			
SR4	10/22/2019 4:37	0.14				SR12	10/22/2019 4:37	0.23			
SR4	10/22/2019 4:57	0.13				SR12	10/22/2019 4:57	0.24			
SR4	10/22/2019 5:17	0.14				SR12	10/22/2019 5:17	0.23			
SR4	10/22/2019 5:37	0.15				SR12	10/22/2019 5:37	0.22			
SR4	10/22/2019 5:57	0.15				SR12	10/22/2019 5:57	0.22			
SR4						SR12					
SR4	10/22/2019 6:37	0.14				SR12	10/22/2019 6:37	0.24			
SR4	10/22/2019 6:57	0.16				SR12	10/22/2019 6:57	0.24			
SR4	10/22/2019 7:17	0.16				SR12	10/22/2019 7:17	0.25			
SR4	10/22/2019 7:37	0.15				SR12	10/22/2019 7:37	0.24			
SR4	10/22/2019 7:57	0.15				SR12	10/22/2019 7:57	0.25			
SR4	10/22/2019 8:17	0.16				SR12	10/22/2019 8:17	0.24			
SR4	10/22/2019 8:37	0.16				SR12	10/22/2019 8:37	0.25			
SR4	10/22/2019 8:57	0.15				SR12	10/22/2019 8:57	0.25			
SR4	10/22/2019 9:17	0.16				SR12	10/22/2019 9:17	0.24			
SR4	10/22/2019 9:37	0.17				SR12	10/22/2019 9:37	0.22			
SR4	10/22/2019 9:57	0.20				SR12	10/22/2019 9:57	0.22			
SR4	10/22/2019 10:17	0.20				SR12	10/22/2019 10:17	0.24			
SR4	10/22/2019 10:37	0.18				SR12	10/22/2019 10:37	0.24			
SR4	10/22/2019 10:57	0.18				SR12	10/22/2019 10:57	0.24			
SR4	10/22/2019 11:17	0.20				SR12	10/22/2019 11:17	0.22			
SR4	10/22/2019 11:37	0.23				SR12	10/22/2019 11:37	0.24			
SR4	10/22/2019 11:57	0.21				SR12	10/22/2019 11:57	0.22			
SR4	10/22/2019 12:17	0.20				SR12	10/22/2019 12:17	0.22			
SR4	10/22/2019 12:37	0.19				SR12	10/22/2019 12:37	0.22			
SR4	10/22/2019 12:57	0.18				SR12	10/22/2019 12:57	0.21			
SR4	10/22/2019 13:17	0.20				SR12	10/22/2019 13:17	0.21			
SR4	10/22/2019 13:37	0.20				SR12	10/22/2019 13:37	0.21			
SR4	10/22/2019 13:57	0.19				SR12	10/22/2019 13:57	0.22			
SR4	10/22/2019 14:17	0.19				SR12	10/22/2019 14:17	0.23			
SR4	10/22/2019 14:37	0.19				SR12	10/22/2019 14:37	0.21			
SR4	10/22/2019 14:57	0.19				SR12	10/22/2019 14:57	0.23			
SR4	10/22/2019 15:17	0.18				SR12	10/22/2019 15:17	0.22			
SR4	10/22/2019 15:37	0.19				SR12	10/22/2019 15:37	0.23			
SR4	10/22/2019 15:57	0.19				SR12	10/22/2019 15:57	0.22			
SR4	10/22/2019 16:17	0.18				SR12	10/22/2019 16:17	0.21			
SR4	10/22/2019 16:37	0.19				SR12	10/22/2019 16:37	0.21			
SR4	10/22/2019 16:57	0.18				SR12	10/22/2019 16:57	0.23			
SR4	10/22/2019 17:17	0.19				SR12	10/22/2019 17:17	0.21			
SR4	10/22/2019 17:37	0.19				SR12	10/22/2019 17:37	0.21			
SR4	10/22/2019 17:57	0.18				SR12	10/22/2019 17:57	0.20			
SR4	10/22/2019 18:17	0.20				SR12	10/22/2019 18:17	0.20			
SR4	10/22/2019 18:37	0.20				SR12	10/22/2019 18:37	0.21			
SR4	10/22/2019 18:57	0.20				SR12	10/22/2019 18:57	0.20			
SR4	10/22/2019 19:17	0.20				SR12	10/22/2019 19:17	0.19			
SR4	10/22/2019 19:37	0.19				SR12	10/22/2019 19:37	0.19			
SR4	10/22/2019 19:57	0.18				SR12	10/22/2019 19:57	0.20			
SR4	10/22/2019 20:17	0.18				SR12	10/22/2019 20:17	0.19			
SR4	10/22/2019 20:37	0.19				SR12	10/22/2019 20:37	0.20			
SR4	10/22/2019 20:57	0.18				SR12	10/22/2019 20:57	0.20			
SR4	10/22/2019 21:17	0.20				SR12	10/22/2019 21:17	0.19			
SR4	10/22/2019 21:37	0.19				SR12	10/22/2019 21:37	0.19			
SR4	10/22/2019 21:57	0.20				SR12	10/22/2019 21:57	0.21			
SR4	10/22/2019 22:17	0.20				SR12	10/22/2019 22:17	0.19			
SR4	10/22/2019 22:37	0.18				SR12	10/22/2019 22:37	0.19			
SR4	10/22/2019 22:57	0.19				SR12	10/22/2019 22:57	0.20			
SR4	10/22/2019 23:17	0.18				SR12	10/22/2019 23:17	0.19			
SR4	10/22/2019 23:37	0.17				SR12	10/22/2019 23:37	0.21			
SR4	10/22/2019 23:57	0.17				SR12	10/22/2019 23:57	0.19			

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 10:50-11:15.

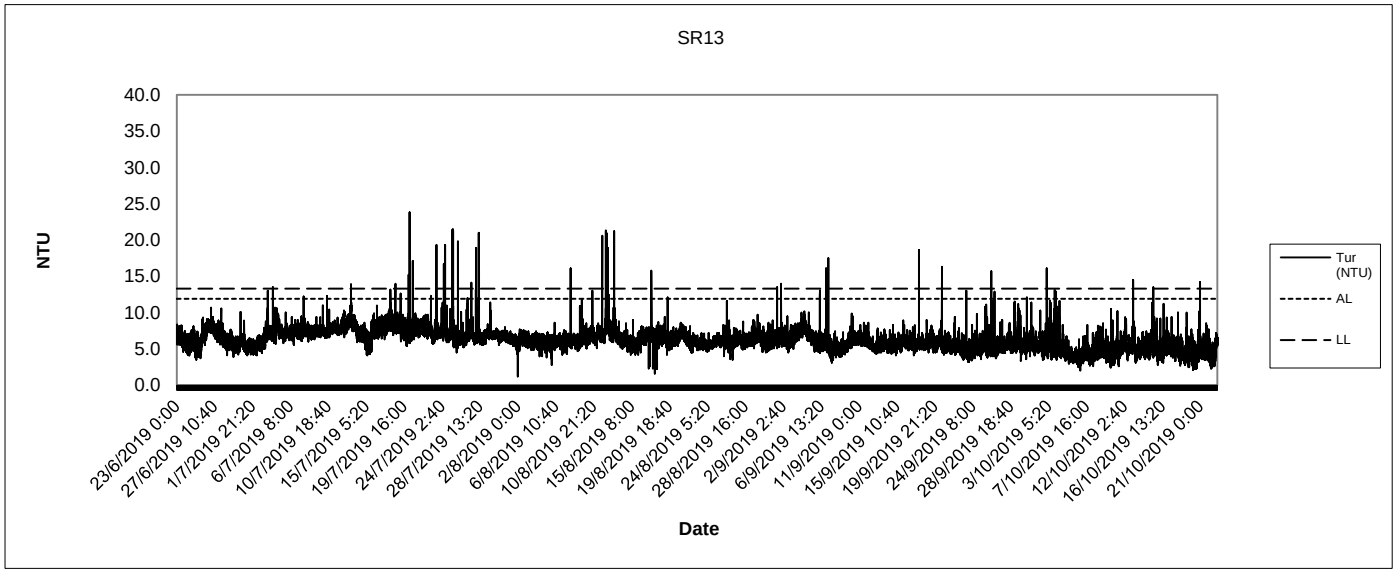
Turbidity
24-hr Water Quality Monitoring



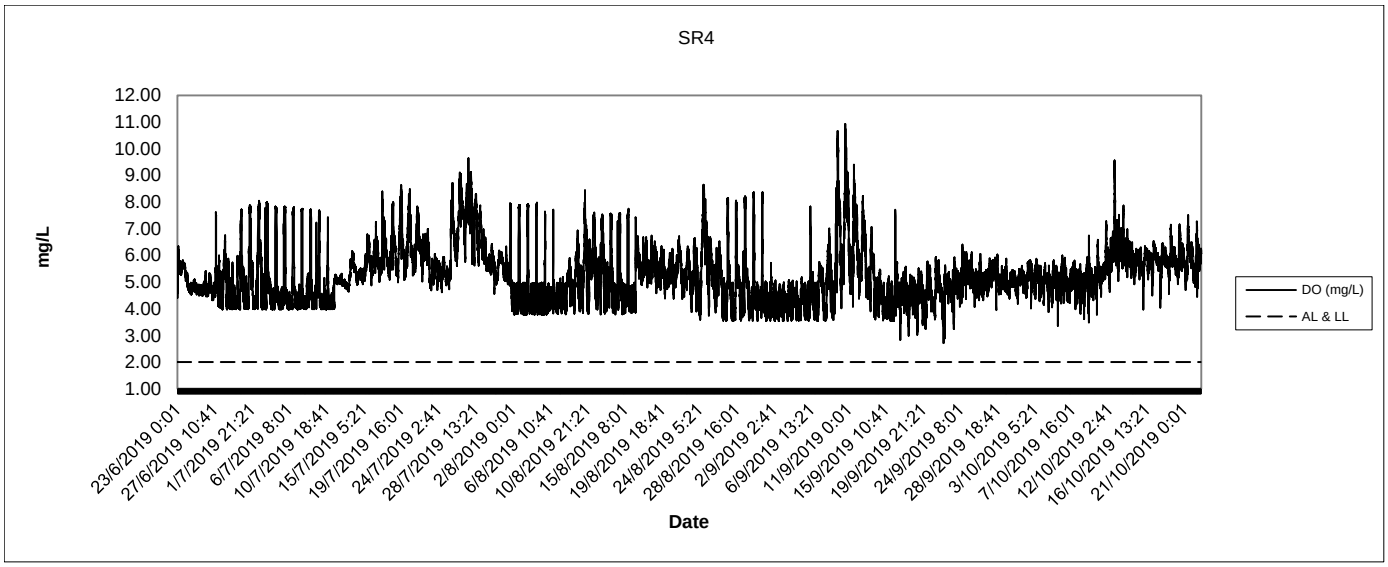


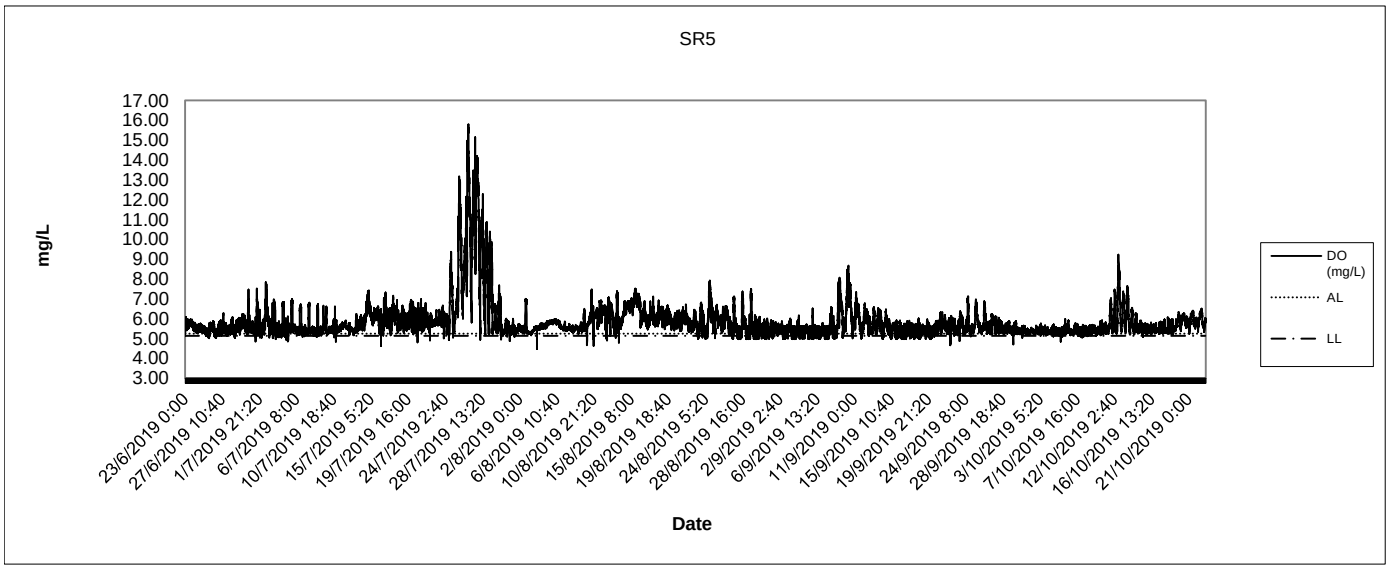


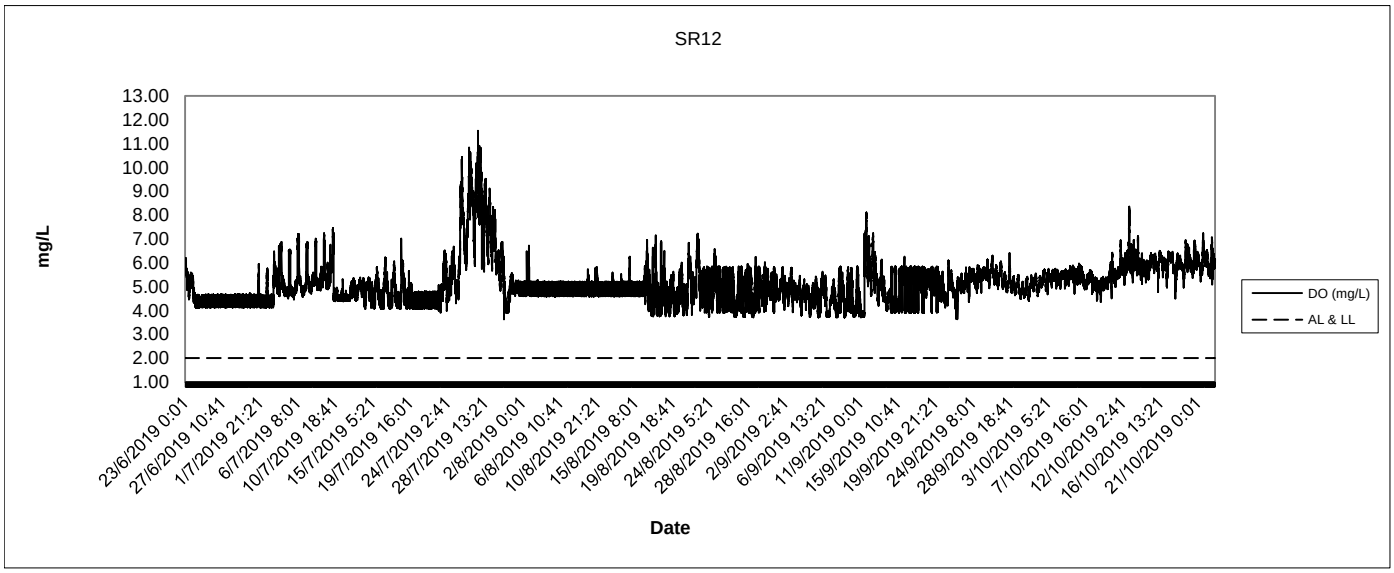
Turbidity
24-hr Water Quality Monitoring



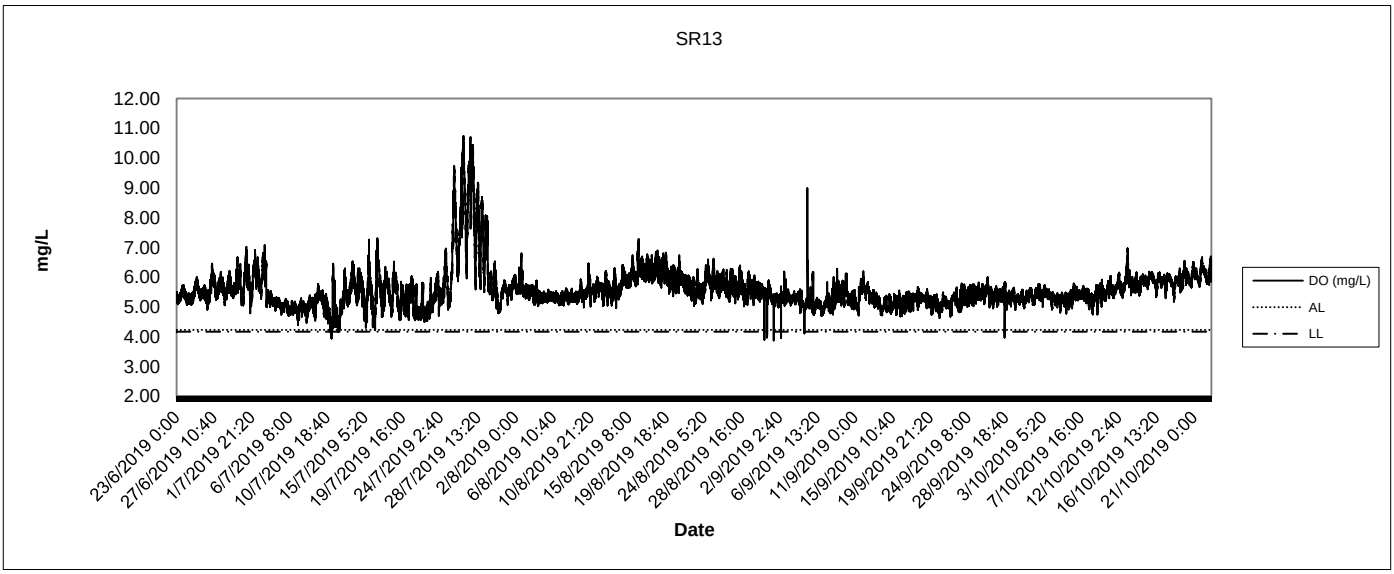
Dissolved Oxygen
24-hr Water Quality Monitoring



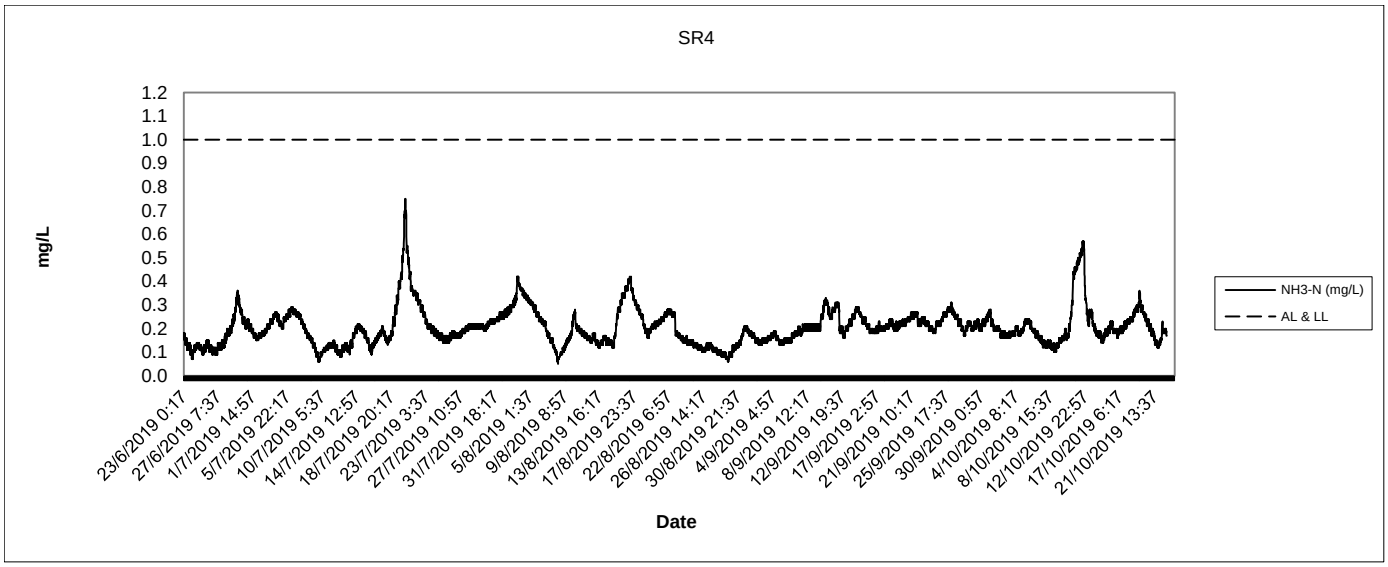


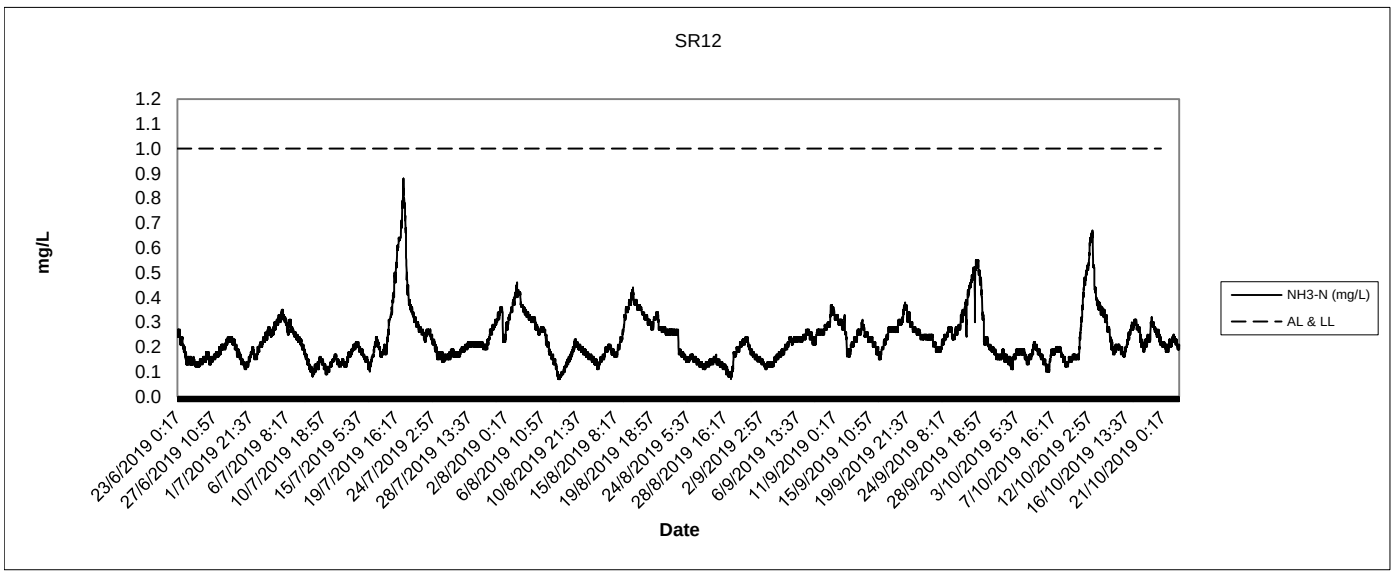


Dissolved Oxygen
24-hr Water Quality Monitoring



Ammonia-N
24-hr Water Quality Monitoring





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Report No.: 0394/13/ED/0383

Appendix H

Event and Action Plans

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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.	

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Report No.: 0394/13/ED/0383

Appendix I

Details of Notification of Exceedances

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Report No.: 0394/13/ED/0383

Routine Impact Monitoring

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Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20190924 /IM/SR4
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	24/09/2019
Time: (hh:mm)	Mid-Flood: 13:10 Mid-Ebb: 10:26
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 UIA : 0.021/ 0.021 mg/L
Measured Level of exceeded parameters: (tick / fill in / circle as appropriate)	Mid-Food: UIA (In-situ): 0.035 AL / (LL) UIA (Lab): 0.033 AL / (LL) Turbidity: ____ AL / LL NH3-N(In-situ): ____ AL / LL E.coli : ____ AL / LL TSS : ____ AL / LL Mid-Ebb: UIA (In-situ): 0.035 AL / (LL) UIA (Lab): 0.033 AL / (LL) Turbidity: ____ AL / LL NH3-N(In-situ): ____ 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)	UIA (In-situ):	UIA (Lab):	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:	UIA (In-situ):	0.035	DO (B):	____	Turbidity:	____
	NH3-N:	____		____		____
Mid-Ebb:	UIA (In-situ):	0.035	DO (B):	____	Turbidity:	____
	NH3-N:	____		____		____

☐ ____

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Others	DO(S&M)	DO(B)	Turbidity	NH3-N	

Prepared by: James Lam

Signature:

Date (dd/mm/yyyy): 04 / 11 / 2019

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature:

Date (dd/mm/yy): 04 / 11 / 2019

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

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Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20190924 /IM/SR12
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	24/09/2019
Time: (hh:mm)	Mid-Flood: 13:30 Mid-Ebb: 10:08
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 UIA : 0.021/ 0.021 mg/L

Measured Level of exceeded parameters: (tick / fill in / circle as appropriate)	Mid-Food:		Mid-Ebb:	
	UIA (In-situ): 0.032 AL / (LL)	UIA (Lab): 0.031 AL / (LL)	UIA (In-situ): 0.033 AL / (LL)	UIA (Lab): 0.028 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 : ____ 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)

	UIA (In-situ):	UIA (Lab):	Turbidity	NH3-N (In-situ):	NH3 (Lab):
	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: UIA (In-situ): 0.032 DO (B): ____; ____ Turbidity: ____; ____
NH3-N: ____

Mid-Ebb: UIA (In-situ): 0.033 DO (B): ____; ____ Turbidity: ____; ____
NH3-N: ____

☐ _____

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Others	DO(S&M)	DO(B)	Turbidity	NH3-N	

Prepared by: James Lam

Signature:

Date (dd/mm/yyyy): 04 / 11 / 2019

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature:

Date (dd/mm/yy): 04 /11 /2019

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
DO (S&M) – Dissolved Oxygen (Surface & Middle)
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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

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Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20190926 /IM/SR4
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	26/09/2019
Time: (hh:mm)	Mid-Flood: 14:40 Mid-Ebb: 12:36
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 UIA : 0.021/ 0.021 mg/L

Measured Level of exceeded parameters: (tick / fill in / circle as appropriate)	Mid-Food:		Mid-Ebb:	
	UIA (In-situ): 0.040 AL / (LL)	UIA (Lab): 0.041 AL / (LL)	UIA (In-situ): 0.043 AL / (LL)	UIA (Lab): 0.041 AL / (LL)
	TSS: 21 AL / (LL)	NH3-N(In-situ): ____ AL / LL	TSS: 15 AL / (LL)	NH3-N(In-situ): ____ AL / LL
	E.coli : ____ AL / LL		E.coli : ____ 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)

	UIA (In-situ):	UIA (Lab):	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.

UIA (In-situ):	UIA (Lab):	Turbidity	TSS	E.coli
✓	✓		✓	

Remarks: (tick / fill in as appropriate)

Repeat In-situ measurement was done.

Mid-Flood: UIA (In-situ): 0.040 NH3-N: ____ DO (B): ____; ____ Turbidity: ____; ____

Mid-Ebb: UIA (In-situ): 0.043 NH3-N: ____ DO (B): ____; ____ Turbidity: ____; ____

☐ ____

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	DO(S&M)	DO(B)	Turbidity	NH3-N	
Others					

Prepared by: James Lam

Signature:

Date (dd/mm/yyyy): 04 / 11 / 2019

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature:

Date (dd/mm/yy): 04 / 11 / 2019

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
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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

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Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20190926 /IM/SR5
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	26/09/2019
Time: (hh:mm)	Mid-Flood: 14:14 Mid-Ebb: 13:04
Monitoring Location:	SR5 – Ma Wan FCZ
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 : 12/19 mg/L E.coli ____ : ____/____ 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 E.coli : ____AL / LL TSS : 13 (AL) / LL Mid-Ebb: DO (S&M): ____AL / LL DO (B): ____AL / LL Turbidity: ____AL / LL NH3-N(In-situ): ____AL / LL E.coli : ____AL / LL TSS : 17 (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): ____ NH3-N: ____ DO (B): ____; ____ Turbidity: ____; ____

Mid-Ebb: DO (S&M): ____ NH3-N: ____ DO (B): ____; ____ Turbidity: ____; ____

☐ ____

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	DO(S&M)	DO(B)	Turbidity	NH3-N	
Others					

Prepared by: James Lam

Signature:

Date (dd/mm/yyyy): 04 / 11 / 2019

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature:

Date (dd/mm/yy): 04 / 11 / 2019

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
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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

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Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20190926 /IM/SR12
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	26/09/2019
Time: (hh:mm)	Mid-Flood: 14:51 Mid-Ebb: 12:27
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 UIA : 0.021/ 0.021 mg/L

Measured Level of exceeded parameters: (tick / fill in / circle as appropriate)	Mid-Food:		Mid-Ebb:	
	UIA (In-situ): 0.040 AL / (LL)	UIA (Lab): 0.041 AL / (LL)	UIA (In-situ): 0.045 AL / (LL)	UIA (Lab): 0.045 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 : 14 AL / (LL)	NH3-N(Lab): ____ AL / LL	TSS : 13 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)

	UIA (In-situ):	UIA (Lab):	TSS:	NH3-N (In-situ):	NH3 (Lab):
	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:	UIA (In-situ):	0.040	DO (B):	____ ; ____	Turbidity:	____ ; ____
	NH3-N:	____				
Mid-Ebb:	UIA (In-situ):	0.045	DO (B):	____ ; ____	Turbidity:	____ ; ____
	NH3-N:	____				

☐ _____

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	DO(S&M)	DO(B)	Turbidity	NH3-N	
Others					

Prepared by: James Lam

Signature:

Date (dd/mm/yyyy): 04 / 11 / 2019

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature:

Date (dd/mm/yy): 04/11/2019

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
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NH3-N (Lab) – Ammoniacal Nitrogen (Laboratory results)
TIN (In-situ) – Total Inorganic Nitrogen (In-situ results)
TIN (Lab) – Total Inorganic Nitrogen (Laboratory results)
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- Wet Season: April to October; Dry Season: November to March

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Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20190928 /IM/SR4
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	28/09/2019
Time: (hh:mm)	Mid-Flood: 7:41 Mid-Ebb: 10:51
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 UIA : 0.021/ 0.021 mg/L

Measured Level of exceeded parameters: (tick / fill in / circle as appropriate)	Mid-Food:		Mid-Ebb:	
	UIA (In-situ): 0.032 AL / (LL)	UIA (Lab): 0.030 AL / (LL)	UIA (In-situ): 0.031 AL / (LL)	UIA (Lab): 0.030 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 : ____ 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)

	UIA (In-situ):	UIA (Lab):	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: 0.123 mg/L (C2A) Downstream: 0.032 mg/L (C1A)	Upstream: 0.120 mg/L (C2A) Downstream: 0.032 mg/L (C1A)	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: UIA (In-situ): 0.032 NH3-N: ____ ; DO (B): ____ ; ____ Turbidity: ____ ; ____

Mid-Ebb: UIA (In-situ): 0.031 NH3-N: ____ ; DO (B): ____ ; ____ Turbidity: ____ ; ____

Dredging works conducted at Zone Z2B2 of the Project. According to the Contractor, dredged rate (In-Situ) at Zone Z2B2 was 308m³/day.

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	DO(S&M)	DO(B)	Turbidity	NH3-N	
Others					

Prepared by: James Lam

Signature:

Date (dd/mm/yyyy): 04/11/2019

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature:

Date (dd/mm/yy): 04/11/2019

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

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MaterialLab

Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20190928 /IM/SR12
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and Its Approach Channel
Date:	28/09/2019
Time: (hh:mm)	Mid-Flood: 7:16 Mid-Ebb: 11:11
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; E. Coli: <20,000/<20,000; Total Suspended Solids : <10/<10 mg/L UIA : 0.021/ 0.021 mg/L

Measured Level of exceeded parameters: (tick / fill in / circle as appropriate)	Mid-Food:		Mid-Ebb:	
	UIA (In-situ): 0.111 AL / (LL)	UIA (Lab): 0.109 AL / (LL)	UIA (In-situ): 0.111 AL / (LL)	UIA (Lab): 0.111 AL / (LL)
	E.Coli: ____ AL / LL	NH3-N(In-situ): ____ AL / LL	E.Coli: 24,190 AL / (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)

	UIA (In-situ):	UIA (Lab):	E.Coli	NH3-N (In-situ):	NH3 (Lab):
	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: 0.123 mg/L (C2A) Downstream: 0.032 mg/L (C1A)	Upstream: 0.120 mg/L (C2A) Downstream: 0.032 mg/L (C1A)		Upstream: ____ ( )mg/L Downstream: ____ ( )mg/L	
☐ No Dredging Works carried out.					

Conclusion

☑ Due to change of/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:	UIA (In-situ):	0.111	DO (B):	____ ;	____	Turbidity:	____ ; ____
	NH3-N:	____					
Mid-Ebb:	UIA (In-situ):	0.111	DO (B):	____ ;	____	Turbidity:	____ ; ____
	NH3-N:	____					

Dredging works conducted at Zone Z2B2 of the Project. According to the Contractor, dredged rate (In-Situ) at Zone Z2B2 was 308m³/day.

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	DO(S&M)	DO(B)	Turbidity	NH3-N	
Others					

Prepared by: James Lam

Signature:

Date (dd/mm/yyyy): 04 / 11 / 2019

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature:

Date (dd/mm/yy): 04 /11 /2019

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
DO (S&M) – Dissolved Oxygen (Surface & Middle)
LL – Limit Level
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MF – Mid Flood
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NH3-N (Lab) – Ammoniacal Nitrogen (Laboratory results)
TIN (In-situ) – Total Inorganic Nitrogen (In-situ results)
TIN (Lab) – Total Inorganic Nitrogen (Laboratory results)
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- Wet Season: April to October; Dry Season: November to March

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Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20191001 /IM/SR4
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	01/10/2019
Time: (hh:mm)	Mid-Flood: 9:10 Mid-Ebb: 12:43
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 UIA : 0.021/ 0.021 mg/L

Measured Level of exceeded parameters: (tick / fill in / circle as appropriate)	Mid-Food:		Mid-Ebb:	
	UIA (In-situ): 0.036 AL / (LL)	UIA (Lab): 0.036 AL / (LL)	UIA (In-situ): 0.035 AL / (LL)	UIA (Lab): 0.035 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 : ____ 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)

	UIA (In-situ):	UIA (Lab):	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:	UIA (In-situ):	0.036	DO (B): ____ ; ____		Turbidity: ____ ; ____	
	NH3-N:	____				
Mid-Ebb:	UIA (In-situ):	0.035	DO (B): ____ ; ____		Turbidity: ____ ; ____	
	NH3-N:	____				

☐ _____

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	DO(S&M)	DO(B)	Turbidity	NH3-N	
Others					

Prepared by: James Lam

Signature:

Date (dd/mm/yyyy): 04 / 11 / 2019

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature:

Date (dd/mm/yy): 04/11/2019

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
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Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20191001 /IM/SR12
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	01/10/2019
Time: (hh:mm)	Mid-Flood: 8:57 Mid-Ebb: 12:51
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. UIA : 0.021/0.021 mg/L

Measured Level of exceeded parameters: (tick / fill in / circle as appropriate)	Mid-Food:		Mid-Ebb:	
	UIA (In-situ): 0.030 AL / (LL)	UIA (Lab): 0.028 AL / (LL)	UIA (In-situ): 0.035 AL / (LL)	UIA (Lab): 0.033 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 : ____ 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)

	UIA (In-situ):	UIA (Lab):	Turbidity	NH3-N (In-situ):	NH3 (Lab):
	Findings / Evidences				
☐ Station at Upstream Location at ME					
☐ Upstream Control Station (or gradient elation) 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:	UIA (In-situ):	0.030	DO (B):	____	Turbidity:	____
	NH3-N:	____	____ ;	____	____ ;	____
Mid-Ebb:	UIA (In-situ):	0.035	DO (B):	____	Turbidity:	____
	NH3-N:	____	____ ;	____	____ ;	____

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	DO(S&M)	DO(B)	Turbidity	NH3-N	
Others					

Prepared by: James Lam

Signature:

Date (dd/mm/yyyy): 04/11/2019

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature:

Date (dd/mm/yy): 04/11/2019

Notes:
- Abbreviation:
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MaterialLab

Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20191010 /IM/SR4
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	10/10/2019
Time: (hh:mm)	Mid-Flood: 15:12 Mid-Ebb: 12:13
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 ____ : ____/____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 :	____AL / LL	E.coli :	____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	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: ____
NH3-N: ____ ____; ____ ____;

☐ _____

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	DO(S&M)	DO(B)	Turbidity	NH3-N	
Others					

Prepared by: James Lam

Signature:

Date (dd/mm/yyyy): 04/11/2019

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature:

Date (dd/mm/yy): 04/11/2019

Notes:
- Abbreviation:
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MaterialLab

Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20191010 /IM/SR12
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	10/10/2019
Time: (hh:mm)	Mid-Flood: 15:35 Mid-Ebb: 11:51
Monitoring Location:	SR12 – Tsing Yi, WSD Flusing 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 ____ : ____/____ 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 : ____ AL / LL	E.coli : ____ AL / LL	TSS : 10 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: ____
	NH3-N: ____	____ : ____	____ : ____

☐ _____

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	DO(S&M)	DO(B)	Turbidity	NH3-N	
Others					

Prepared by: James Lam

Signature:

Date (dd/mm/yyyy): 04 / 11 / 2019

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature:

Date (dd/mm/yy): 04 /11 /2019

Notes:
- Abbreviation:
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NH3-N (Lab) – Ammoniacal Nitrogen (Laboratory results)
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TIN (Lab) – Total Inorganic Nitrogen (Laboratory results)
TSS – Total Suspended Solids
- Wet Season: April to October; Dry Season: November to March

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Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20191012 /IM/SR4
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and Its Approach Channel
Date:	12/10/2019
Time: (hh:mm)	Mid-Flood: 7:23 Mid-Ebb: 9:46
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 UIA : 0.021/ 0.021 mg/L
Measured Level of exceeded parameters: (tick / fill in / circle as appropriate)	Mid-Food: UIA (In-situ): 0.050 AL / (LL) UIA (Lab): 0.050 AL / (LL) Turbidity: ____ AL / LL NH3-N(In-situ): ____ AL / LL E.coli : ____ AL / LL TSS : ____ AL / LL Mid-Ebb: UIA (In-situ): 0.052 AL / (LL) UIA (Lab): 0.052 AL / (LL) Turbidity: ____ AL / LL NH3-N(In-situ): ____ 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)	UIA (In-situ):	UIA (Lab):	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: UIA (In-situ): 0.050 DO (B): ____ Turbidity: ____
NH3-N: ____ ; ____ ; ____

Mid-Ebb: UIA (In-situ): 0.052 DO (B): ____ Turbidity: ____
NH3-N: ____ ; ____ ; ____

☐ ____

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	DO(S&M)	DO(B)	Turbidity	NH3-N	
Others					

Prepared by: James Lam

Signature:

Date (dd/mm/yyyy): 04 / 11 / 2019

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature:

Date (dd/mm/yy): 04 / 11 / 2019

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

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Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20191012 /IM/SR6						
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel						
Date:	12/10/2019						
Time: (hh:mm)	Mid-Flood: 7:54 Mid-Ebb: 9:17						
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): 0.95 AL / (LL)			Turbidity: ___ AL / LL	TIN(In-situ): 0.78 AL / (LL)	
	TIN(Lab): 0.96 AL / (LL)	TSS : ___ AL / LL			TIN(Lab): 0.78 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						
	☐ 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: 0.95 Mid-Ebb: DO (S&M): ___ DO (B): ___ : ___ Turbidity: ___ : ___ TIN: 0.78 ☐						

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	DO(S&M)	DO(B)	Turbidity	TIN (In-situ)	TIN (Lab)
Others					

Prepared by: James Lam

Signature:

Date (dd/mm/yyyy): 04/11/2019

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature:

Date (dd/mm/yy): 04/11/2019

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
DO (S&M) – Dissolved Oxygen (Surface & Middle)
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NH3-N (Lab) – Ammoniacal Nitrogen (Laboratory results)
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TIN (Lab) – Total Inorganic Nitrogen (Laboratory results)
TSS – Total Suspended Solids
- Wet Season: April to October; Dry Season: November to March

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Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20191012 /IM/SR12
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	12/10/2019
Time: (hh:mm)	Mid-Flood: 7:10 Mid-Ebb: 9:58
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. UIA : 0.021/0.021 mg/L

Measured Level of exceeded parameters: (tick / fill in / circle as appropriate)	Mid-Food:		Mid-Ebb:	
	UIA (In-situ): 0.054 AL / (LL)	UIA (Lab): 0.055 AL / (LL)	UIA (In-situ): 0.052 AL / (LL)	UIA (Lab): 0.052 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 : ____ 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)

	UIA (In-situ):	UIA (Lab):	Turbidity	NH3-N (In-situ):	NH3 (Lab):
	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:	UIA (In-situ):	0.054	DO (B):	____	Turbidity:	____
	NH3-N:	____		____		____
Mid-Ebb:	UIA (In-situ):	0.052	DO (B):	____	Turbidity:	____
	NH3-N:	____		____		____

☐ _____

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	DO(S&M)	DO(B)	Turbidity	NH3-N	
Others					

Prepared by: James Lam

Signature:

Date (dd/mm/yyyy): 04/11/2019

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature:

Date (dd/mm/yy): 04/11/2019

Notes:
- Abbreviation:
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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

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Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20191017 /IM/SR5
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	17/10/2019
Time: (hh:mm)	Mid-Flood: 10:51 Mid-Ebb: 12:13
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):	AL / LL	Turbidity:	AL / LL	TIN(In-situ):	0.47 (AL) / LL
	TIN(Lab):	AL / LL	TSS :	AL / LL	TIN(Lab):	0.46 (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					
☐ 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:			;		;
Mid-Ebb:	DO (S&M):		DO (B):		Turbidity:	
	TIN:	0.47		;		;

☐ _____

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	DO(S&M)	DO(B)	Turbidity	TIN (In-situ)	TIN (Lab)
Others					

Prepared by: James Lam

Signature:

Date (dd/mm/yyyy): 04/11/2019

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature:

Date (dd/mm/yy): 04/11/2019

Notes:
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Interim Notification of Environmental Quality Limits Exceedances
Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20191019 /IM/SR4
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	19/10/2019
Time: (hh:mm)	Mid-Flood: 11:57 Mid-Ebb: 14:39
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 : /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
	E.coli : AL / LL	TSS : 10 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: _____
NH3-N: _____ ; _____ ; _____

☐ _____

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	DO(S&M)	DO(B)	Turbidity	NH3-N	
Others					

Prepared by: James Lam

Signature:

Date (dd/mm/yyyy): 04 / 11 / 2019

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature:

Date (dd/mm/yy): 04 / 11 / 2019

Notes:
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TSS – Total Suspended Solids
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Appendix J

Environmental Mitigation Implementation Schedule

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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		<u>Use of Silt Screens</u>	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		<u>Use of Silt Curtains</u>	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 carried out
		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 – No work in such area
		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 day during both dry and wet seasons as shown in EP-426/2011/A.					NA – No work in such area

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
		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 m^3 per day during both dry and wet seasons as shown in EP-426/2011/A.					NA – No work in such area
		A13	The maximum dredging rate for closed grab dredger at Northern Fairway – Zones 9 to 12 shall not exceed 4,000 m^3 per day during both dry and wet seasons as shown in EP-426/2011/A.					NA – No work in such area
		A14	The maximum dredging rate for closed grab dredger at Western Fairway – Zone 13A shall not exceed 4,000 m^3 per day during both dry and wet seasons as shown in EP-426/2011/A.					NA – No work in such area
		A15	The maximum dredging rate for closed grab dredger at Western Fairway – Zone 13B shall not exceed 4,000 m^3 per day during both dry and wet seasons as shown in EP-426/2011/A.					NA – No dredging was carried out
		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 isolated with dredging works to be carried out towards the end of construction programme.					Implemented
		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.					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
			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.					
		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
			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					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 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.					
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 operation staff at the dredging site. Emergency plans and procedures should be prepared and drills should be performed periodically.					Implemented
		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	Contractor	Locations of	During	

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
9.5	8		Monitoring Brief	marine archaeological impact during dredging activities		the 20 unidentified sonar contacts and masked areas	Construction works	
		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		Good Site Practices	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		Dust Control	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
			Odour		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

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Report No.: 0394/13/ED/0383

Appendix K

Waste Generation in Reporting Period

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Name of Department : Civil Engineering and Development Department
Contract No. : CV/2013/04

Monthly Summary Waste Flow Table for _2019_ (year)

Year	Actual Quantities of Inert C&D Materials Generated Monthly					Actual Quantities of C&D Wastes Generated Monthly				
2019	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
	(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	nil
Feb	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil
Mar	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil
Apr	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil
May	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil
Jun	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil
Jul	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil
Aug	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil
Sep	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil
Oct	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil
Nov										
Dec										
Total	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil

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 (2019)

Marine Sediment Type	Type 1 – Open Sea Disposal	Type 2 – Confined Marine Disposal	Type 3 – Special Treatment / Disposal
Month	Quantity (m^3)	Quantity (m^3)	Quantity (m^3)
2014			
Jan-Dec	549,430	99,660	nil
2015			
Jan-Dec	938,560	372,370	nil
2016			
Jan-Dec	195,860	153,250	1,260
2017			
Jan-Dec	1,850	28,550	nil
2018			
Jan-Dec	nil	nil	nil
2019			
January	nil	nil	nil
February	nil	nil	nil
March	nil	600	nil
April	nil	nil	nil
May	nil	nil	nil
June	nil	nil	nil
July	nil	nil	nil
August	nil	nil	nil
September	nil	nil	nil
October	nil	900	nil
Total	1,685,700	655,030	1,260

Yearly Summary Waste Flow Table

Year	Estimated Annual Quantities of Inert C&D Materials (in '000m^3)										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 m^3)	
	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	Nil	0.15	0.12
2018	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
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	0.53

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.

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Appendix L

Weather Conditions for the Reporting Month

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Report No.: 0394/13/ED/0383

Date	Air Temperature			Mean Relative Humidity (%)	Total Rainfall (mm)
	Maximum (deg. C)	Mean (deg. C)	Minimum (deg. C)		
September 2019					
23	30.7	27.7	25.4	57	0
24	30.3	27.5	26.3	70	0
25	30.8	27.3	25.7	71	Trace
26	30.8	27.5	25.5	71	0
27	30.6	27.6	25.7	72	Trace
28	32.2	28.2	25.9	71	0
29	31.7	28.7	26.6	75	0
30	33.4	30.1	27.2	64	0
October 2019					
1	33.2	30.3	28.4	59	0
2	32.1	29.5	27.9	71	0
3	31.8	29	27.4	67	0
4	31.3	28.6	26.9	70	0
5	32.3	29.1	26.8	69	0
6	29.1	26.3	23.1	81	46.8
7	28.3	26.3	23.2	86	17.9
8	30.4	27.7	25.3	79	4.9
9	29.8	27.8	26.7	75	Trace
10	30.3	27.9	26.6	76	0
11	31.1	28.5	26.3	75	0
12	31.5	28.6	27.4	78	0.3
13	30.8	27.2	24.5	84	13.6
14	28.9	25.8	24.2	86	52.1
15	29.7	26	23.1	74	10.4
16	28.9	25.5	23.2	67	0
17	29.7	26.2	23.9	70	0
18	29	26.5	24.7	70	Trace
19	29.6	26.2	24.2	72	0
20	28.3	25.4	23.4	76	3.5
21	28.8	25.3	23.5	72	0
22	28	25	23.4	68	0

Source: Hong Kong Observatory

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Rainstorm Warning Signals

Color	Start Time		End Time		Duration
	hh mm	dd/mon/yyyy	hh mm	dd/mon/yyyy	hh mm
Amber	23:00	6-Oct-19	0:30	7-Oct-19	01 30
Amber	3:15	14-Oct-19	10:00	14-Oct-19	06 45

Source: Hong Kong Observatory

Thunderstorm Warning

Start Time		End Time		Duration
hh mm	dd/mon/yyyy	hh mm	dd/mon/yyyy	hh mm
0:20	6-Oct-19	4:30	6-Oct-19	04 10
13:30	6-Oct-19	17:00	6-Oct-19	03 30
20:15	6-Oct-19	1:20	7-Oct-19	05 05
2:35	7-Oct-19	9:30	7-Oct-19	06 55
12:55	12-Oct-19	17:15	12-Oct-19	04 20
2:25	13-Oct-19	7:30	13-Oct-19	05 05
18:00	13-Oct-19	11:30	14-Oct-19	17 30

Source: Hong Kong Observatory

Strong Monsoon Signals

Direction	Start Time		End Time		Duration
	hh mm	dd/mon/yyyy	hh mm	dd/mon/yyyy	hh mm
East	14:00	6-Oct-19	14:15	7-Oct-19	24 15
East	4:10	15-Oct-19	11:40	16-Oct-19	31 30

Source: Hong Kong Observatory

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