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Report No.: 0394/13/ED/0371A

Monthly EM&A Report

December 2018

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/0371A

Project Proponent:

Civil Engineering & Development Department
101 Princess Margaret Road,
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Reviewed by: Cyrus Lai

Certified by: _____

Colin Yung
Environmental Team Leader for
Fugro Technical Services Limited

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RAMBOLL

Ref.: CEDDWKTBEM00_0_0368L.19

15 January 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 December 2018

Reference is made to the Environmental Team's submission of the Monthly Environmental Monitoring & Audit Report for December 2018 (ET's Report No. 0394/13/ED/0371A) received by e-mail on 11 January 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)
	MateriaLab	Mr. Colin Yung	(by email)
	CIWE	Mr. K.O. Leung	(by email)

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EXECUTIVE SUMMARY

i. This is the Forty-fourth Monthly Environmental Monitoring Audit (EM&A) Monthly Report – December 2018 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 November 2018 to 22 December 2018.

ii. Construction Activities for the Reporting Period
During this reporting period, the principal work activities included:
- Preparation Works of Dredging at Portion A / Zone 2B2 and 2C1 in EP

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

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

Station	Exceedance Level	DO (S&M)		DO (B)		Turbidity		NH3-N		UIA		TIN		Total	
		E	F	E	F	E	F	E	F	E	F	E	F	E	F
SR2	Action	0	0	0	0	1	0	0	0	0	0	-	-	1	0
	Limit	0	0	0	1	0	0	0	0	0	0	-	-	0	1
SR3	Action	0	0	0	0	1	0	0	0	0	0	-	-	1	0
	Limit	0	0	0	0	0	0	0	0	0	0	-	-	0	0
SR4	Action	0	0	0	0	0	0	0	0	0	0	-	-	0	0
	Limit	0	0	0	0	0	0	0	0	0	0	-	-	0	0
SR5	Action	0	0	0	0	1	0	-	-	-	-	0	0	1	0
	Limit	0	0	0	0	0	0	-	-	-	-	6	6	6	6
SR12	Action	0	0	0	0	0	0	0	0	0	0	-	-	0	0
	Limit	0	0	0	0	0	0	0	0	0	0	-	-	0	0
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	3	0	0	0	0	0	0	0	3	
	Limit	0	0	0	1	0	0	0	0	0	0	6	6	13	

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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
SR2	Action	0	0	-	-	-	-	0	0	0	0	-	-	-	-	0	0
	Limit	0	0	-	-	-	-	0	0	0	0	-	-	-	-	0	0
SR3	Action	1	1	-	-	-	-	0	0	0	0	-	-	-	-	1	1
	Limit	0	0	-	-	-	-	0	0	0	0	-	-	-	-	0	0
SR4	Action	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0
	Limit	2	1	0	0	0	0	0	0	0	0	0	0	-	-	2	1
SR5	Action	0	0	-	-	-	-	-	-	-	-	-	-	0	0	0	0
	Limit	0	0	-	-	-	-	-	-	-	-	-	-	6	6	6	6
SR12	Action	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0
	Limit	1	0	0	0	0	0	0	0	0	0	0	0	-	-	1	0
SR13	Action	0	0	-	-	-	-	-	-	0	0	-	-	-	-	0	0
	Limit	0	0	-	-	-	-	-	-	0	0	-	-	-	-	0	0
Total	Action	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	
	Limit	3	1	0	0	0	0	0	0	0	0	0	0	6	6	16	

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

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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
No inert or non-inert C&D material related to dredging works was disposed. No general refuse were disposed off site in the reporting month.

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.

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 dredging is conducted orderly in compliance with the EP requirements on site mitigation measures in general.

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ix. Construction Activities for the Coming Reporting Period

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

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

Future Key Issues include:

- Implementation of EM&A Programme
- According to the Contractor, all dredging works under this Contract of the construction phase, included removal of hard materials in sub-zones Z1A, Z2B1, Z2B2 and Z2C1 and the dredging works in Hotspot area in sub-zones Z1A, Z1B, Z2A, Z2B and Z2C was substantially completed on 21 November 2017. The environmental monitoring and audit (EM&A) works of this Project was carried out in accordance with the EM&A Manual requirements in the 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)). A final EM&A report was prepared in December 2017 and the EM&A programme for the Construction Phase was substantially completed in December 2017. However, according to a hydrographic survey was conducted by the Marine Department during late 2017 and early 2018. The survey result showed that approximately 5200 m^3 (in-situ volume) of high spots was discovered at Z2B1, Z2B2 and Z2C1. There may also be some other high spots discovered in “Portion B” (i.e. sub-zones Z5A, Z5B, Z5C, Z6A, Z6B, Z6C, Z6D, Z7 and Z8 stated in the EP-426/2011/A), which the location area and the volumes are still under review.

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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 Forty-fourth Monthly EM&A Report is prepared by MCL. This report presents a summary of the environmental monitoring and audit works, list of activities and mitigation measures proposed by the ET for the Project in 23 November 2018 to 22 December 2018.

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	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	2419 6008	2419 6218
Environmental Team (MCL)	Environmental Team Leader	Mr. Colin Yung	3565 4114	3565 4160

2.2 Construction Programme

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

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

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

2.3 Works undertaken during the month

During this reporting period, the principal work activities included:

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

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 2.2**.

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Table 2.2 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-RW0429-18	12/11/2018	11/4/2019
Marine Dumping Permit Portion A Type 1 Open Sea Disposal (Dedicated Site) Type 2 Confined Marine Disposal *East of Sha Chau Contaminated Mud Pit (CMP Vd) as directed by management team of CEDD*	EP/MD/19-058	15/11/2018	14/12/2018
Waste Producer License	5213-320-C3907-01	27/10/2014	Upon Completion

Note: No dredging work was carried out and no marine sediment was disposed in the reporting month

2.5 Summary of EM&A Programme Requirements

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

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

2.6 Construction Activities for the Coming Reporting Period

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

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

Future Key Issues include:

- Implementation of EM&A Programme
- According to the Contractor, all dredging works under this Contract of the construction phase, included removal of hard materials in sub-zones Z1A, Z2B1, Z2B2 and Z2C1 and the dredging works in Hotspot area in sub-zones Z1A, Z1B, Z2A, Z2B and Z2C was substantially completed on 21 November 2017. The environmental monitoring and audit (EM&A) works of this Project was carried out in accordance with the EM&A Manual requirements in the Environmental Permit (EP) No. EP-426/2011/A, EM&A Manual

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(AEIAR-156/2010) and EM&A TIN (EPD Letter Ref: (34) in Ax(1) to EP2/N3/C/57Pt.7)). A final EM&A report was prepared in December 2017 and the EM&A programme for the Construction Phase was substantially completed in December 2017. However, according to a hydrographic survey was conducted by the Marine Department during late 2017 and early 2018. The survey result showed that approximately 5200 m3 (in-situ volume) of high spots was discovered at Z2B1, Z2B2 and Z2C1. There may also be some other high spots discovered in “Portion B” (i.e. sub-zones Z5A, Z5B, Z5C, Z6A, Z6B, Z6C, Z6D, Z7 and Z8 stated in the EP-426/2011/A), which the location area and the volumes are still under review.

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

Table 3.1 Laboratory Measurement/Analysis Methods and Reporting Limits

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

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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)
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

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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
<u>In-situ Measurement</u> 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) <u>Laboratory Analysis</u> [1]Ammonia-N (in mg/L-N and UIA), Suspended Solids (SS), [3]BOD_5, [3]*E.coli*, [3]Synthetic Detergent; [2]TIN: Ammonia-N (in mg/L), Nitrite (in mg/L), Nitrate (in mg/L)	3 days per week, at mid-flood and mid-ebb tides (except [3]detergent which shall be taken one day per month, at mid-flood and mid-ebb) 36 hours interval was allowed between subsequent sets of measurement.

Notes:

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

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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)
SR2	O	O	O	O	O	O		O			O		
SR3	O	O	O	O	O	O		O			O		
SR4	O	O	O	O	O	O		O	O	O	O	O	
SR5	O	O	O	O	O		O	O					O
SR12	O	O	O	O	O	O		O	O	O	O	O	
SR13	O	O	O	O	O			O					
G2	O	O	O	O	O		O	O					O
C1A	O	O	O	O	O	O	O	O	O	O	O	O	O
C2A	O	O	O	O	O	O	O	O	O	O	O	O	O

Note:

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

3.4 Monitoring Locations

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

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

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

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Table 3.5 Locations of Water Quality Monitoring Stations

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

3.5 Monitoring date, time frequency and duration

In the reporting period, impact water quality monitoring was carried out 3 days per week, at mid-flood and mid-ebb tides, from 23 November 2018 to 22 December 2018. 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 Strong Monsoon Signal was reported. Heavy marine traffic (not associated with the Project) was commonly observed nearby the Project site and its vicinity, that the propeller wash from vessels could lead to potential disturbance of seabed sediment and affect the water quality. The above conditions may affect monitoring results. Summary of weather condition are provided in **Appendix L**.

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

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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
SR2	Action	0	0	0	0	1	0	0	0	0	0	-	-	1	0
	Limit	0	0	0	1	0	0	0	0	0	0	-	-	0	1
SR3	Action	0	0	0	0	1	0	0	0	0	0	-	-	1	0
	Limit	0	0	0	0	0	0	0	0	0	0	-	-	0	0
SR4	Action	0	0	0	0	0	0	0	0	0	0	-	-	0	0
	Limit	0	0	0	0	0	0	0	0	0	0	-	-	0	0
SR5	Action	0	0	0	0	1	0	-	-	-	-	0	0	1	0
	Limit	0	0	0	0	0	0	-	-	-	-	6	6	6	6
SR12	Action	0	0	0	0	0	0	0	0	0	0	-	-	0	0
	Limit	0	0	0	0	0	0	0	0	0	0	-	-	0	0
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	3	0	0	0	0	0	0	0	3	
	Limit	0	0	0	1	0	0	0	0	0	0	6	6	13	

Table 3.7 Summary of Water Quality Exceedance (Laboratory Analysis)

Station	Exceedance Level	Suspended Solids		BOD_5		*E. coli*		NH_3-N		UIA		Synthetic Detergent		TIN		Total	
		E	F	E	F	E	F	E	F	E	F	E	F	E	F	E	F
SR2	Action	0	0	-	-	-	-	0	0	0	0	-	-	-	-	0	0
	Limit	0	0	-	-	-	-	0	0	0	0	-	-	-	-	0	0
SR3	Action	1	1	-	-	-	-	0	0	0	0	-	-	-	-	1	1
	Limit	0	0	-	-	-	-	0	0	0	0	-	-	-	-	0	0
SR4	Action	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0
	Limit	2	1	0	0	0	0	0	0	0	0	0	0	-	-	2	1
SR5	Action	0	0	-	-	-	-	-	-	-	-	-	-	0	0	0	0
	Limit	0	0	-	-	-	-	-	-	-	-	-	-	6	6	6	6
SR12	Action	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0
	Limit	1	0	0	0	0	0	0	0	0	0	0	0	-	-	1	0
SR13	Action	0	0	-	-	-	-	-	-	0	0	-	-	-	-	0	0
	Limit	0	0	-	-	-	-	-	-	0	0	-	-	-	-	0	0
Total	Action	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	
	Limit	3	1	0	0	0	0	0	0	0	0	0	0	6	6	16	

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3.7.4 During the reporting period, 1 LL exceedance for DO (B), 3 AL exceedances for Turbidity; 12 LL exceedances for TIN (in-situ); 2 AL and 4 LL exceedances for Suspended solid; and 12 LL exceedances for TIN (lab) were recorded.

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

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

3.8 Action and Limit Levels

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

3.9 Event and Action Plan

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

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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)
Data Acquisition System	Data Logger	Campbell CR200	NA	NA
	Data Logger	Campbell CR800	NA	NA
	Data Transmitter	NXN GT-511	NA	NA
Ammonia	Photometric Analyzer	Systea S.p.A. Micromac 1000 Ammonia Reagent Set: OPA	N-NH_3: 0-2mg/L	N-NH_3: <0.01mg/L

4.2.2 Equipment Calibration

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

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

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

4.3 Monitoring Parameters

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

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

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

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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 Strong Monsoon Signal was 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

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

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

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

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

4.6 No exceedance was recorded in the reporting month.

4.7 Action and Limit Levels

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

4.8 Event and Action Plan

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

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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 29 November and 6, 13 and 20 December 2018.

5.1.2 The Environmental Team conducted 4 site inspections in the reporting period. No particular observation was recorded in the reporting month.

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 (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.

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

5.3.3 No inert or non-inert C&D material related to dredging works. No general refuse were disposed off site in the reporting month. The details can be referred to the **Table 5.2.**

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Table 5.2 Waste Quantities of Dredging Works

Month	Marine Sediment Type	Quantity Generated from 23 November 2018 to 22 December 2018 (m^3)	Cumulative-to 22 December 2018 (m^3)	Disposal / Dumping Ground
December 2018	Type 1 – Open Sea Disposal	0	1685700	NA
	Type 2 – Confined Marine Disposal	0	653530	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.
2. No dredging work was carried out and no marine sediment was disposed in the reporting month

5.4 Implementation Status of Environmental Mitigation Measures

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

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6. EXCEEDANCE OF THE ENVIRONMENTAL PARAMETERS

6.1.1 Five (5) Action Level and twenty nine (29) 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, inspection notice, notification of summons or prosecution was received in this reporting period. Cumulative complaint log, summaries of complaints, notification of summons and successful prosecutions are presented in Tables 7.1, 7.2 and 7.3.

Table 7.1 Environmental Complaints Log

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

Table 7.2 Cumulative Statistics on Complaints

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

Table 7.3 Cumulative Statistics on Successful Prosecutions

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

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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. No dredging work was carried out and no marine sediment was disposed in the reporting month.

8.1.2 Five (5) Action Level and twenty nine (29) Limit Level exceedances were recorded in the routine impact monitoring in the reporting month.

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

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

8.1.5 Environmental site inspections were carried out for 4 times in the reporting month.

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

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

8.1.8 According to the Contractor, all dredging works under this Contract of the construction phase, included removal of hard materials in sub-zones Z1A, Z2B1, Z2B2 and Z2C1 and the dredging works in Hotspot area in sub-zones Z1A, Z1B, Z2A, Z2B and Z2C was substantially completed on 21 November 2017. The environmental monitoring and audit (EM&A) works of this Project was carried out in accordance with the EM&A Manual requirements in the 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)). A final EM&A report was prepared in December 2017 and the EM&A programme for the Construction Phase was substantially completed in December 2017. However, according to a hydrographic survey was conducted by the Marine Department during late 2017 and early 2018. The survey result showed that approximately 5200 m3 (in-situ volume) of high spots was discovered at Z2B1, Z2B2 and Z2C1. There may also be some other high spots discovered in “Portion B” (i.e. sub-zones Z5A, Z5B, Z5C, Z6A, Z6B, Z6C, Z6D, Z7 and Z8 stated in the EP-426/2011/A), which the location area and the volumes are still under review.

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Report No.: 0394/13/ED/0371A

Figure 1

Project General Layout

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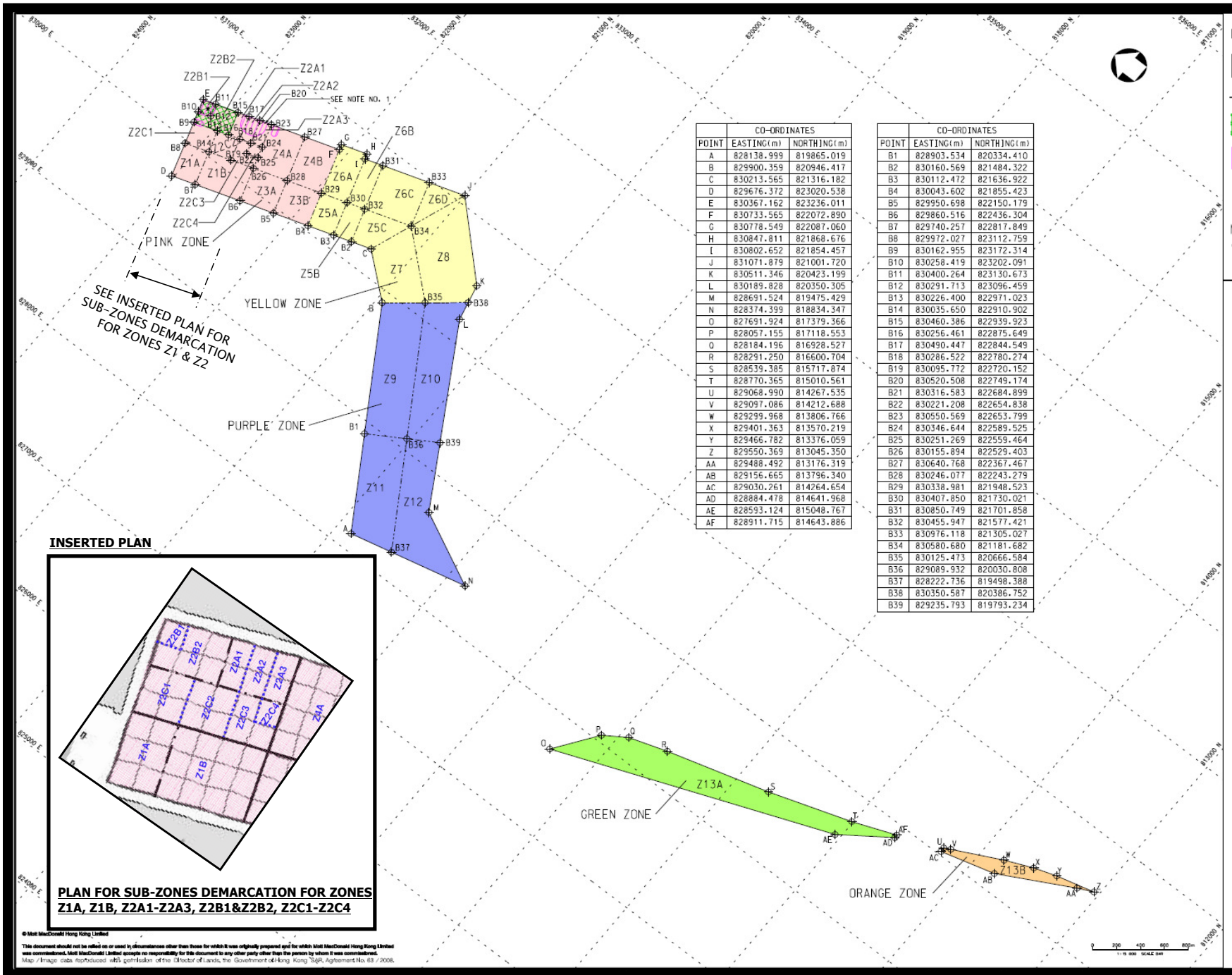

POINT	CO-ORDINATES EASTING(m)	NORTHING(m)
A	828138.999	819865.019
B	829900.359	820946.417
C	830213.565	821316.182
D	829676.372	823020.538
E	830367.162	823236.011
F	830733.565	822072.890
G	830778.549	822087.060
H	830847.811	821868.676
I	830802.652	821854.457
J	831071.879	821001.720
K	830511.346	820423.199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

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Figure 2

Locations of Water Quality Monitoring Stations

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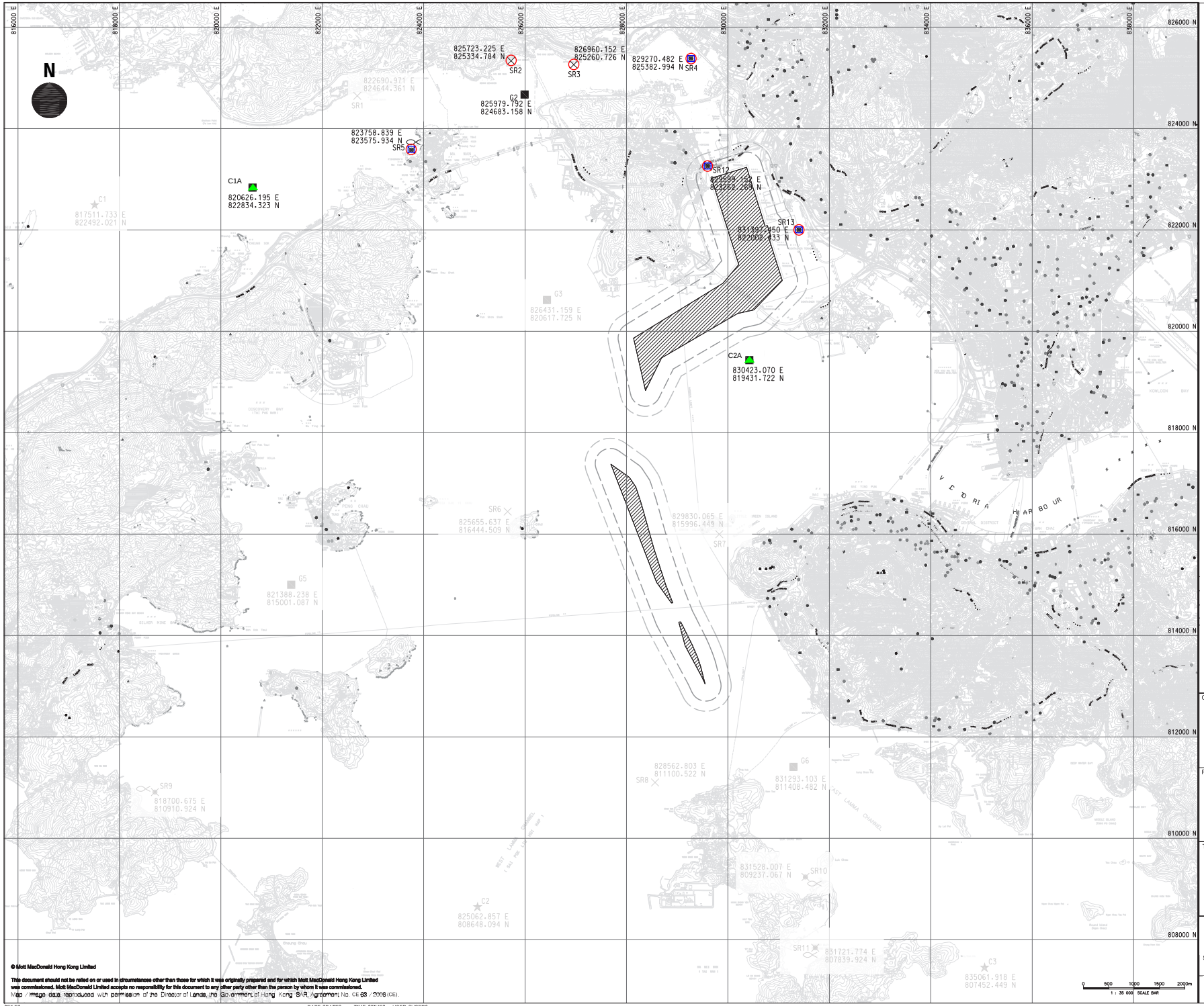

NOTES:

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
- MONITORING STATION
- 24 HOUR STATION
- CONTROL STATION
- GRADIENT STATION

Client

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

Project

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

Title

PROVISIONAL LOCATION OF WATER QUALITY MONITORING STATIONS

Scale at A1	Status	Rev
1:35000	TEN	2

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

Figure 2 - Location of Monitoring Stations

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Appendix A

Project Organization Chart

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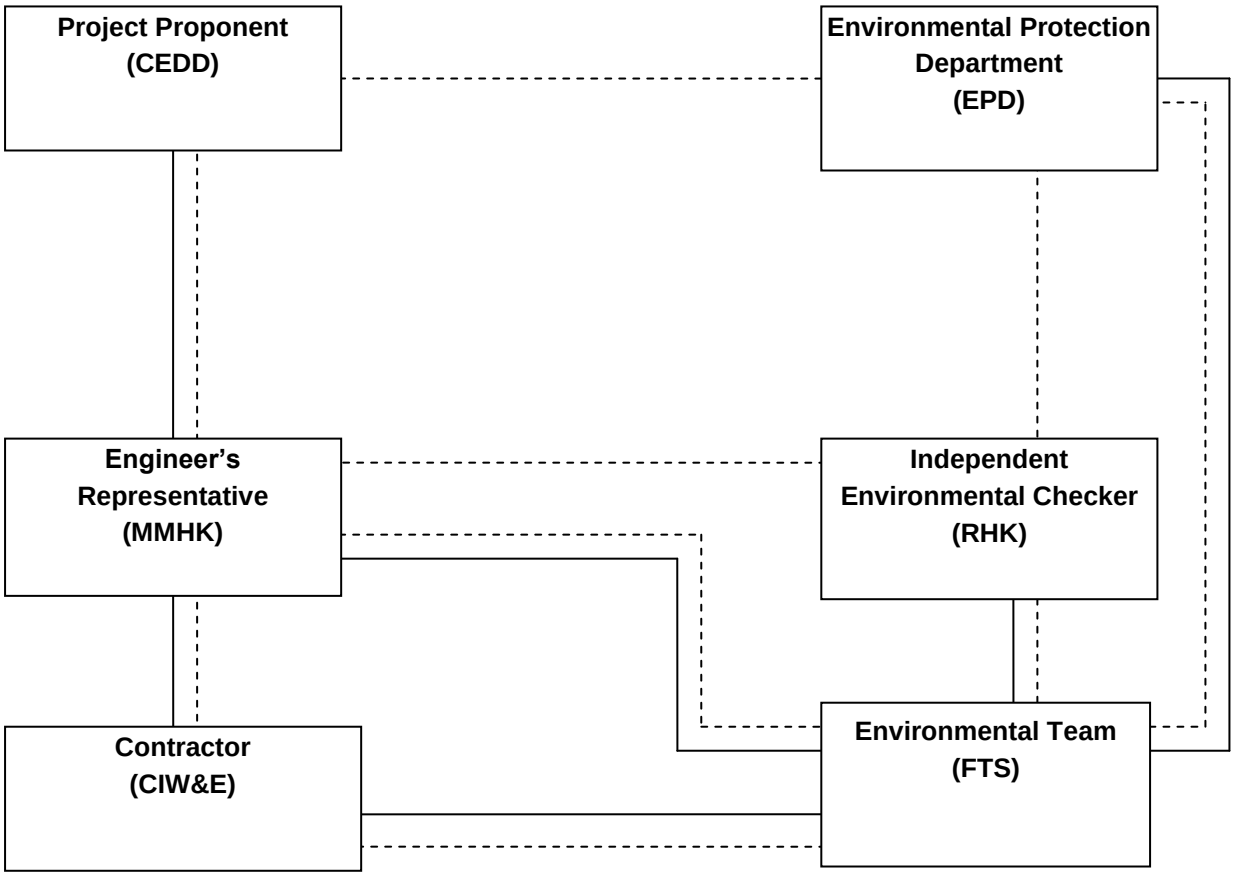

Legend:

Line of Reporting

Line of Communication

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Appendix B

Construction Programme

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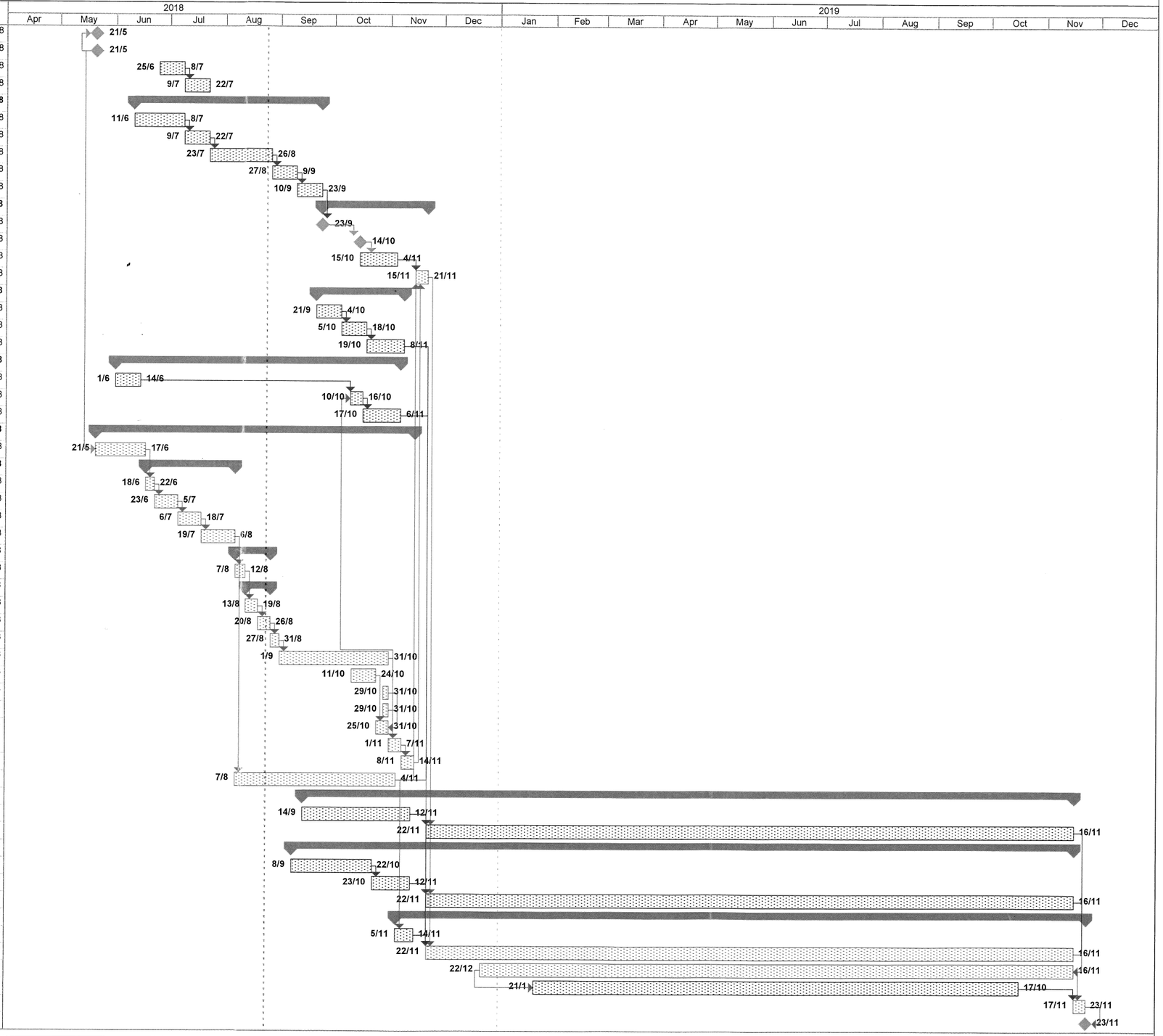
Contract No. CV/2013/04
Dredging Works in Kwai Tsing Container Basin and its Approach Channel
Tentative Programme for Rock Excavation Works outside Berth KC5 (Grids No. A27, B27, C27, A26, B26 & C26) Based on Rock Area Less Than 2000 Square Meters

Date: 20 August 2018
Rev. 2

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**	**105 days**	**Mon 11/6/18**	**Sun 23/9/18**
6	Preparation	28 days	Mon 11/6/18	Sun 8/7/18
7	First submission	14 days	Mon 9/7/18	Sun 22/7/18
8	Comments from MMHK	35 days	Mon 23/7/18	Sun 26/8/18
9	Second submission	14 days	Mon 27/8/18	Sun 9/9/18
10	Approval	14 days	Mon 10/9/18	Sun 23/9/18
11	**Marine Department Notice**	**59 days**	**Sun 23/9/18**	**Wed 21/11/18**
12	Notification of MTMLG Meeting	0 days	Sun 23/9/18	Sun 23/9/18
13	MTMLG Meeting	0 days	Sun 14/10/18	Sun 14/10/18
14	Preparation and submission of MDN application	21 days	Mon 15/10/18	Sun 4/11/18
15	Approval	7 days	Thu 15/11/18	Wed 21/11/18
16	**Marine Dumping Permit**	**49 days**	**Fri 21/9/18**	**Thu 8/11/18**
17	Disposal ground allocated by CEDD	14 days	Fri 21/9/18	Thu 4/10/18
18	Preparation and submission	14 days	Fri 5/10/18	Thu 18/10/18
19	Approval	21 days	Fri 19/10/18	Thu 8/11/18
20	**Construction Noise Permit**	**159 days**	**Fri 1/6/18**	**Tue 6/11/18**
21	Noise Assessmet	14 days	Fri 1/6/18	Thu 14/6/18
22	Preparation and submission	7 days	Wed 10/10/18	Tue 16/10/18
23	Approval	21 days	Wed 17/10/18	Tue 6/11/18
24	**Drilling Barge**	**178 days**	**Mon 21/5/18**	**Wed 14/11/18**
25	Design of modification works	28 days	Mon 21/5/18	Sun 17/6/18
26	**Application for MD's approval of modification works**	**50 days**	**Mon 18/6/18**	**Mon 6/8/18**
27	First submission	5 days	Mon 18/6/18	Fri 22/6/18
28	Comments from MD	13 days	Sat 23/6/18	Thu 5/7/18
29	Second submission	13 days	Fri 6/7/18	Wed 18/7/18
30	Approval	19 days	Thu 19/7/18	Mon 6/8/18
31	**Reschedule of modification works due to requiements imposed by MD**	**20 days**	**Tue 7/8/18**	**Sun 26/8/18**
32	Preliminary revised design for modification works	6 days	Tue 7/8/18	Sun 12/8/18
33	**Rearrangement of dockyard for modification works**	**14 days**	**Mon 13/8/18**	**Sun 26/8/18**
34	Liaison with dockyard in Mainland China for modification works	7 days	Mon 13/8/18	Sun 19/8/18
35	Reservation of dockyard for modification works	7 days	Mon 20/8/18	Sun 26/8/18
36	Mobillization of barge to dockyard in Mainland China	5 days	Mon 27/8/18	Fri 31/8/18
37	Modification of flat top barge with 2 nos. drilling rigs added	61 days	Sat 1/9/18	Wed 31/10/18
38	Plan Approval of modification works	14 days	Thu 11/10/18	Wed 24/10/18
39	Testing of lifting appliances and gears	3 days	Mon 29/10/18	Wed 31/10/18
40	Installation of air compressors and gensets	3 days	Mon 29/10/18	Wed 31/10/18
41	Survey/Inspection of modification works	7 days	Thu 25/10/18	Wed 31/10/18
42	Brage returnung to Hong Kong	7 days	Thu 1/11/18	Wed 7/11/18
43	Operating Licence issued by MD	7 days	Thu 8/11/18	Wed 14/11/18
44	Work Permit approved by Mainland China	90 days	Tue 7/8/18	Sun 4/11/18
45	**Water Quality Monitoring Works**	**429 days**	**Fri 14/9/18**	**Sat 16/11/19**
46	Reinstallation of equipment	60 days	Fri 14/9/18	Mon 12/11/18
47	Monitoring works	360 days	Thu 22/11/18	Sat 16/11/19
48	**Temporary Silt Screens at Tsuen Wan, Tsing Yi and Kwai Chung***	**435 days**	**Sat 8/9/18**	**Sat 16/11/19**
49	Fabrication of silt screens	45 days	Sat 8/9/18	Mon 22/10/18
50	Installation of silt screens	21 days	Tue 23/10/18	Mon 12/11/18
51	Cleaning and maintenance of silt screens	360 days	Thu 22/11/18	Sat 16/11/19
52	**Site Works (Subject to working period provided by MTL)**	**384 days**	**Mon 5/11/18**	**Sat 23/11/19**
53	Survey grid plan for drilling works	10 days	Mon 5/11/18	Wed 14/11/18
54	Drilling works	360 days	Thu 22/11/18	Sat 16/11/19
55	Removal of broken rock material	330 days	Sat 22/12/18	Sat 16/11/19
56	Interim hydrographic survey	270 days	Mon 21/1/19	Thu 17/10/19
57	Final hydrographic survey and handover	7 days	Sun 17/11/19	Sat 23/11/19
58	**Completion Date**	0 days	Sat 23/11/19	Sat 23/11/19



China International Water & Electric Corp.

Task | Critical Task | Milestone | Summary

* Scope of works to be discussed further.

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Report No.: 0394/13/ED/0371A

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 / SR12	2	2	2	2	<10	<10	<10	<10	<10	<10	<20,000	<20,000	<1	<1	0.021	0.021	<5	<5	NA	NA
Fish Culture Zone																				
SR5	5.45	5.39#	5.43	5.27+	6.7 or 120%C*	10.1 or 130%C^	12 or 120%C*	19 or 130%C^	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.36	0.39
Gazetted Beach																				
SR2 / SR3	5.45	5.39#	5.43	5.27+	6.7 or 120%C*	10.1 or 130%C^	12 or 120%C*	19 or 130%C^	NA	NA	NA	NA	0.21 or 120%C*	0.24 or 130%C^	0.021	0.021	NA	NA	NA	NA
EMSD Cooling Water Intake																				
SR13	5.31	5.22#	5.29	5.12+	13.1 or 120%C*	15.7 or 130%C^	23 or 120%C*	38 or 130%C^	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Note:

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

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

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

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

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

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

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

Dry Season: November to March

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

Monitoring Station	DO (mg/L) Surface & Middle		DO (mg/L) Bottom		Turbidity (NTU) Depth-Averaged		Suspended Solids (mg/L) Depth-averaged		BOD5 (mg/L) Depth- averaged		E.coli (CFU /100mL) Depth-averaged		NH3-N (mg/L) Depth-averaged		UIA (mg/L) Depth-averaged		Synthetic Detergent as MBAS (mg/L) Depth-averaged		TIN (mg/L) Depth Averaged	
	AL	LL	AL	LL	AL	LL	AL	LL	AL	LL	AL	LL	AL	LL	AL	LL	AL	LL	AL	LL
Seawater Intake																				
SR4	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	5.00#	5.00#	4.11	4.04+	10.8 or 120%C*	15.0 or 130%C^	12 or 120%C*	19 or 130%C^	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.45	0.50
Gazetted Beach																				
SR2	4.68	4.62#	4.11	4.04+	10.8 or 120%C*	15.0 or 130%C^	12 or 120%C*	19 or 130%C^	NA	NA	NA	NA	0.21 or 120%C*	0.24 or 130%C^	0.021	0.021	NA	NA	NA	NA
SR3																				
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/0371A

Appendix D

Copies of Calibration Certificates

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Calibration Certificates

Impact Monitoring

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MateriaLab

Report No. : 142626WA181659(2)A

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.
Project	:	CV/2013/04 – Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Sample description	:	One YSI 69201V2-M Multi-parameter Water Quality Meter
Client sample ID	:	Serial No. 14A102907
Test required	:	Calibration of the YSI 69201V2-M Multi-parameter Water Quality Meter

Laboratory Information

Lab. sample ID	:	WA181659/3
Date sample received	:	29/08/2018
Date of calibration	:	14/09/2018
Next calibration date	:	13/12/2018
Test method used	:	In-house comparison method

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

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MateriaLab

Report No. : 142626WA181659(2)A

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	9.14	-0.04
6.86	6.84	-0.02

B. Salinity calibration

Salinity, ppt			
Theoretical	Measured	Deviation	Maximum acceptable Deviation
10	10.16	+0.16	± 0.5
20	20.36	+0.36	± 1.0
30	29.71	-0.29	± 1.5
40	40.12	+0.12	± 2.0

C. Dissolved Oxygen calibration

Trial No.	Dissolved oxygen content, mg/L	
	By Titration	By D.O. meter
1	7.96	8.04
2	7.96	8.06
3	7.96	8.08
Average	7.96	8.06

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

Remark : This report is to supersede our former report #142626WA181659(2).

Certified by : WT
Approved Signatory : WONG Tun Yin, Edison
Chemist II – Water Quality Laboratory

Date : 03/10/2018

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

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MateriaLab

Report No. : 142626WA181659(2)A

Results :

D. Temperature calibration

Thermometer reading, °C	Meter reading, °C
24.3	23.55

E. Turbidity calibration

Turbidity, N.T.U.			
Theoretical	Measured	Deviation	Maximum acceptable Deviation
0	0.1	+0.10	± 0.5
4	4.4	+0.40	± 0.6
8	7.9	-0.10	± 0.8
40	40.7	+0.70	± 3.0
80	80.4	+0.40	± 4.0

Remark : This report is to supersede our former report #142626WA181659(2).

Certified by : WS
Approved Signatory : WONG Tun Yin, Edison
Chemist II – Water Quality Laboratory

Date : 03/10/2018

** End of Report **

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Website : www.fugro.com

MateriaLab

Report No. : 142626WA182340(4)

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.
Project	:	CV/2013/04 – Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Sample description	:	One YSI 69201V2-M Multi-parameter Water Quality Meter
Client sample ID	:	Serial No. 14A102907
Test required	:	Calibration of the YSI 69201V2-M Multi-parameter Water Quality Meter

Laboratory Information

Lab. sample ID	:	WA182340/5
Date of calibration	:	10/12/2018
Next calibration date	:	09/03/2019
Test method used	:	In-house comparison method

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MateriaLab

Report No. : 142626WA182340(4)

Results :

A. pH calibration

pH reading at 24°C for Q.C. solution(6.86) and at 24°C for Q.C. solution(9.18)		
Theoretical	Measured	Deviation
9.18	9.17	-0.01
6.86	6.88	+0.02

B. Salinity calibration

Salinity, ppt			
Theoretical	Measured	Deviation	Maximum acceptable Deviation
10	10.11	+0.11	± 0.5
20	20.26	+0.26	± 1.0
30	29.77	-0.23	± 1.5
40	39.68	-0.32	± 2.0

C. Dissolved Oxygen calibration

Trial No.	Dissolved oxygen content, mg/L	
	By Titration	By D.O. meter
1	8.07	8.05
2	8.04	8.03
3	8.06	8.04
Average	8.06	8.04

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

Certified by : _____
Approved Signatory : CHAN Hoi Yan, Winnie
Assistant Manager

Date : 11-12-2018

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MateriaLab

Report No. : 142626WA182340(4)

Results :

D. Temperature calibration

Thermometer reading, °C	Meter reading, °C
24.30	24.07

E. Turbidity calibration

Turbidity, N.T.U.			
Theoretical	Measured	Deviation	Maximum acceptable Deviation
0	0.2	+0.20	± 0.5
4	4.4	+0.40	± 0.6
8	8.0	±0.00	± 0.8
40	41.0	+1.00	± 3.0
80	80.8	+0.80	± 4.0

Certified by : _____
Approved Signatory : CHAN Hoi Yan, Winnie
Assistant Manager

Date : 11-12-2018

** End of Report **

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MaterialLab

Photometer Check Log

Calibration Date:	23 November 2018		
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:	0.21 mg/L	0.20 mg/L	0.20 mg/L
Next Calibration Date:	22 December 2018		

Prepared by: _____

Date: 23 November 2018

Checked by: _____

Date: 23 November 2018

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MaterialLab

Photometer Check Log

Calibration Date:	23 November 2018		
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):	0.2mg/L		
Equipment (Brand & Model, Equipment No.):	Lovibond MD600 W-18	Lovibond MD600 W-20	Lovibond MD600 W-21
Concentration Reading on Photometer:	0.18 mg/L	0.20 mg/L	0.21 mg/L
Next Calibration Date:	22 December 2018		

Prepared by: _____
Date: 23 November 2018

Checked by: _____
Date: 23 November 2018

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MaterialLab

Photometer Check Log

Calibration Date:	23 November 2018		
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:	0.393 mg/L	0.415 mg/L	0.388 mg/L
Next Calibration Date:	22 December 2019		

Prepared by: _____

Date: 23 November 2018

Checked by: _____

Date: 23 November 2018

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MaterialLab

Photometer Check Log

Calibration Date:	22 December 2018		
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	0.20 mg/L	0.21 mg/L
Next Calibration Date:	21 January 2019		

Prepared by: AY

Date: 22 December 2018

Checked by:

Date: 22 December 2018

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MaterialLab

Photometer Check Log

Calibration Date:	22 December 2018		
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):	0.2mg/L		
Equipment (Brand & Model, Equipment No.):	Lovibond MD600 W-18	Lovibond MD600 W-20	Lovibond MD600 W-21
Concentration Reading on Photometer:	0.21 mg/L	0.19 mg/L	0.21 mg/L
Next Calibration Date:	21 January 2019		

Prepared by: _____

Date: 22 December 2018

Checked by: _____

Date: 22 December 2018

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Photometer Check Log

Calibration Date:	22 December 2018		
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:	0.409 mg/L	0.398 mg/L	0.403 mg/L
Next Calibration Date:	21 January 2019		

Prepared by: _____

Date: 22 December 2018

Checked by: _____

Date: 22 December 2018

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Report No.: 0394/13/ED/0371A

Calibration Certificate

24-hr Monitoring

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Calibration Certificate

24-hr Monitoring – SR4

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MateriaLab

Report No. : 142626WA182340

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.
Project	:	CV/2013/04 – Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Sample description	:	One YSI 69201V2-M Multi-parameter Water Quality Meter
Client sample ID	:	Serial No. 14A102670
Test required	:	Calibration of the YSI 69201V2-M Multi-parameter Water Quality Meter

Laboratory Information

Lab. sample ID	:	WA182340/1
Date of calibration	:	14/11/2018
Next calibration date	:	13/02/2019
Test method used	:	In-house comparison method

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Website : www.fugro.com

MateriaLab

Report No. : 142626WA182340

Results :

A. Dissolved Oxygen calibration

Trial No.	Dissolved oxygen content, mg/L	
	By Titration	By D.O. meter
1	8.15	8.13
2	8.07	8.06
3	8.08	8.08
Average	8.10	8.09

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

B. Temperature calibration

Thermometer reading, °C	Meter reading, °C
25.06	25.13

C. Turbidity calibration

Turbidity, N.T.U.			
Theoretical	Measured	Deviation	Maximum acceptable Deviation
0	0.3	+0.30	± 0.5
4	4.4	+0.40	± 0.6
8	8.5	+0.50	± 0.8
40	39.7	-0.30	± 3.0
80	80.0	± 0.00	± 4.0

Certified by : _____
Approved Signatory : CHAN Hoi Yan, Winnie
Assistant Manager

Date : 20-11-2018

** End of Report **

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Calibration Certificate

24-hr Monitoring – SR5

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MateriaLab

Report No. : 142626WA182340(1)

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.
Project	:	CV/2013/04 – Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Sample description	:	One YSI 69201V2-M Multi-parameter Water Quality Meter
Client sample ID	:	Serial No. 14A102908
Test required	:	Calibration of the YSI 69201V2-M Multi-parameter Water Quality Meter

Laboratory Information

Lab. sample ID	:	WA182340/2
Date of calibration	:	14/11/2018
Next calibration date	:	13/02/2019
Test method used	:	In-house comparison method

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MaterialLab

Report No. : 142626WA182340(1)

Results :

A. Dissolved Oxygen calibration

Trial No.	Dissolved oxygen content, mg/L	
	By Titration	By D.O. meter
1	8.10	8.07
2	8.08	8.09
3	8.11	8.10
Average	8.10	8.09

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

B. Temperature calibration

Thermometer reading, °C	Meter reading, °C
25.04	25.14

C. Turbidity calibration

Turbidity, N.T.U.			
Theoretical	Measured	Deviation	Maximum acceptable Deviation
0	0.2	+0.20	± 0.5
4	4.2	+0.20	± 0.6
8	8.5	+0.50	± 0.8
40	39.7	-0.30	± 3.0
80	79.7	-0.30	± 4.0

Certified by : _____
Approved Signatory : CHAN Hoi Yan, Winnie
Assistant Manager

Date : 20-11-2018

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Calibration Certificate

24-hr Monitoring – SR12

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MateriaLab

Report No. : 142626WA182340(2)

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.
Project	:	CV/2013/04 – Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Sample description	:	One YSI 69201V2-M Multi-parameter Water Quality Meter
Client sample ID	:	Serial No. 14A102901
Test required	:	Calibration of the YSI 69201V2-M Multi-parameter Water Quality Meter

Laboratory Information

Lab. sample ID	:	WA182340/3
Date of calibration	:	14/11/2018
Next calibration date	:	13/02/2019
Test method used	:	In-house comparison method

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MateriaLab

Report No. : 142626WA182340(2)

Results :

A. Dissolved Oxygen calibration

Trial No.	Dissolved oxygen content, mg/L	
	By Titration	By D.O. meter
1	8.09	8.07
2	8.11	8.12
3	8.06	8.05
Average	8.09	8.08

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

B. Temperature calibration

Thermometer reading, °C	Meter reading, °C
25.05	25.14

C. Turbidity calibration

Turbidity, N.T.U.			
Theoretical	Measured	Deviation	Maximum acceptable Deviation
0	0.3	+0.30	± 0.5
4	4.3	+0.30	± 0.6
8	8.5	+0.50	± 0.8
40	39.8	-0.20	± 3.0
80	79.7	-0.30	± 4.0

Certified by : _____
Approved Signatory : CHAN Hoi Yan, Winnie
Assistant Manager

Date : 20-11-2018

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Calibration Certificate

24-hr Monitoring – SR13

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MateriaLab

Report No. : 142626WA182340(3)

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.
Project	:	CV/2013/04 – Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Sample description	:	One YSI 69201V2-M Multi-parameter Water Quality Meter
Client sample ID	:	Serial No. 14E101875
Test required	:	Calibration of the YSI 69201V2-M Multi-parameter Water Quality Meter

Laboratory Information

Lab. sample ID	:	WA182340/4
Date of calibration	:	14/11/2018
Next calibration date	:	13/02/2019
Test method used	:	In-house comparison method

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MateriaLab

Report No. : 142626WA182340(3)

Results :

A. Dissolved Oxygen calibration

Trial No.	Dissolved oxygen content, mg/L	
	By Titration	By D.O. meter
1	8.11	8.10
2	8.08	8.08
3	8.09	8.08
Average	8.09	8.09

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

B. Temperature calibration

Thermometer reading, °C	Meter reading, °C
25.02	25.14

C. Turbidity calibration

Turbidity, N.T.U.			
Theoretical	Measured	Deviation	Maximum acceptable Deviation
0	0.3	+0.30	± 0.5
4	4.4	+0.40	± 0.6
8	8.5	+0.50	± 0.8
40	39.9	-0.10	± 3.0
80	79.7	-0.30	± 4.0

Certified by : _____
Approved Signatory : CHAN Hoi Yan, Winnie
Assistant Manager

Date : 20-11-2018

** End of Report **

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Report No.: 0394/13/ED/0371

Calibration Certificate

24-hr Monitoring – Micromac 1000

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Email : mcl@fugro.com.hk

Instrument Number: M1/140701/1365 (SR4)

Onsite Calibration Checking of Micromac 1000

Date	Time	ODS	ODE	Reading of 0.5 ppm NH3-N checking standard (ppm)	Voltage checking (Y/N)*, Voltage (V)	Next NH3-N Checking Date	Calibrated by
28/11/2018	10:01	0.021	0.359	0.51	Y, 12.44	3/12/2018	Felix
30/11/2018	10:31	0.022	0.357	0.50	N	5/12/2018	Tony
3/12/2018	13:16	0.022	0.352	0.47	N	7/12/2018	Felix
7/12/2018	10:21	0.021	0.353	0.50	N	12/12/2018	John
12/12/2018	10:36	0.020	0.353	0.51	Y, 12.49	17/12/2018	Sam
14/12/2018	10:41	0.024	0.356	0.54	N	19/12/2018	Toby
17/12/2018	13:16	0.023	0.355	0.53	N	21/12/2018	Sam
21/12/2018	10:16	0.021	0.348	0.46	N	24/12/2018	John

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

Checked by: _____
Date: 21-12-2018

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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
28/11/2018	13:11	0.030	0.401	0.48	Y, 12.66	3/12/2018	Felix
30/11/2018	13:31	0.029	0.402	0.50	N	5/12/2018	Tony
3/12/2018	10:41	0.029	0.405	0.54	N	7/12/2018	Felix
7/12/2018	13:21	0.030	0.400	0.47	N	12/12/2018	John
12/12/2018	13:06	0.031	0.399	0.46	Y, 12.38	17/12/2018	Sam
14/12/2018	13:11	0.029	0.395	0.48	N	19/12/2018	Toby
17/12/2018	10:01	0.030	0.397	0.52	N	21/12/2018	Sam
21/12/2018	13:26	0.030	0.399	0.53	N	24/12/2018	John

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

Checked by: _____
Date: 21-12-2018

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Report No.: 0394/13/ED/0371A

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 November 2018	24 Routine WQM Mid-Flood (07:16) Mid-Ebb (12:56)
25	26	27 Routine WQM Mid-Flood (9:02) Mid-Ebb (14:33)	28	29 Routine WQM Mid-Flood (12:15) Mid-Ebb (17:33)	30	1 December 2018 Routine WQM Mid-Ebb (07:08) Mid-Flood (14:18)
2	3	4 Routine WQM Mid-Ebb (10:14) Mid-Flood (16:17)	5	6 Routine WQM Mid-Ebb (11:54) Mid-Flood (17:20)	7	8 Routine WQM Mid-Flood (07:44) Mid-Ebb (13:18)
9	10	11 Routine WQM Mid-Flood (09:50) Mid-Ebb (15:08	12	13 Routine WQM Mid-Flood (11:29) Mid-Ebb (16:24)	14	15 Routine WQM Mid-Ebb (4:52) Mid-Flood (13:23)
16	17	18 Routine WQM Mid-Ebb (08:13) Mid-Flood (15:03)	19	20 Routine WQM Mid-Flood (04:42) Mid-Ebb (10:15)	21	22 Routine WQM Mid-Flood (06:23) Mid-Ebb (11:53)

Remarks

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

Water Quality Monitoring Schedule (Next Reporting Period)

Sun	Mon	Tue	Wed	Thur	Fri	Sat
23 December 2018	24	25 Routine WQM Mid-Flood (09:01) Mid-Ebb (14:30)	26	27 Routine WQM Mid-Flood (10:46) Mid-Ebb (16:15)	28	29 Routine WQM Mid-Ebb (05:15) Mid-Flood (12:36)
30	31	1 January 2019 Routine WQM Mid-Ebb (08:54) Mid-Flood (15:02)	2	3 Routine WQM Mid-Ebb (10:56) Mid-Flood (16:18)	4	5 Routine WQM Mid- Flood (07:04) Mid- Ebb (12:23)
6	7	8 Routine WQM Mid- Flood (08:51) Mid- Ebb (14:11)	9	10 Routine WQM Mid- Flood (09:56) Mid- Ebb (15:26)	11	12 Routine WQM Mid- Flood (11:08) Mid- Ebb (16:26)
13	14	15 Routine WQM Mid-Ebb (05:41) Mid-Flood (13:06)	16	17 Routine WQM Mid-Ebb (08:36) Mid-Flood (14:32)	18	19 Routine WQM Mid-Ebb (10:46) Mid-Flood (16:10)
20	21	22 Routine WQM Mid- Flood (07:58) Mid- Ebb (13:30)				

Remarks

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

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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-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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
C1A	24/11/2018	Mid-Flood	Fine	Moderate	8:44	28	S	1	1	8.04		32.43		22.44		89.0		6.39			6.0			0.10			0.004			0.10	0.08	0.18	0.36		
C1A	24/11/2018	Mid-Flood	Fine	Moderate	8:44	28	S	1	2	8.04	8.04	32.43	32.43	22.43	22.44	88.5	88.8	6.35	6.37		6.0	6.0		0.10	0.10		0.004	0.004		0.10	0.08	0.18	0.36	0.36	
C1A	24/11/2018	Mid-Flood	Fine	Moderate	8:44	28	S	1	3											6.31										0.10	0.08	0.18	0.36		
C1A	24/11/2018	Mid-Flood	Fine	Moderate	8:44	28	M	14	1	8.04		32.42		22.43		86.9		6.24			6.3			0.10			0.004			0.10	0.05	0.25	0.40		
C1A	24/11/2018	Mid-Flood	Fine	Moderate	8:44	28	M	14	2	8.04	8.04	32.42	32.42	22.43	22.43	86.8	86.9	6.24	6.24		6.2	6.3	6.3	0.10	0.10	0.10	0.004	0.004	0.004	0.10	0.05	0.25	0.40	0.40	0.36
C1A	24/11/2018	Mid-Flood	Fine	Moderate	8:44	28	M	14	3																					0.10	0.05	0.25	0.40		
C1A	24/11/2018	Mid-Flood	Fine	Moderate	8:44	28	B	27	1	8.04		32.43		22.43		85.9		6.18			6.6			0.10			0.004			0.10	0.07	0.15	0.32		
C1A	24/11/2018	Mid-Flood	Fine	Moderate	8:44	28	B	27	2	8.04	8.04	32.44	32.44	22.43	22.43	86.0	86.0	6.19	6.19		6.7	6.7		0.10	0.10		0.004	0.004		0.10	0.07	0.15	0.32	0.32	
C1A	24/11/2018	Mid-Flood	Fine	Moderate	8:44	28	B	27	3																					0.10	0.07	0.15	0.32		
C2A	24/11/2018	Mid-Flood	Fine	Moderate	6:13	13	S	1	1	8.01		33.01		22.33		92.0		6.60			5.0			0.10			0.004			0.10	0.08	0.10	0.28		
C2A	24/11/2018	Mid-Flood	Fine	Moderate	6:13	13	S	1	2	8.01	8.01	33.00	33.01	22.33	22.33	92.0	92.0	6.60	6.60		4.9	5.0		0.10	0.10		0.004	0.004		0.10	0.08	0.10	0.28	0.28	
C2A	24/11/2018	Mid-Flood	Fine	Moderate	6:13	13	S	1	3											6.54										0.10	0.08	0.10	0.28		
C2A	24/11/2018	Mid-Flood	Fine	Moderate	6:13	13	M	6.5	1	8.02		32.95		22.32		90.1		6.47			5.1			0.11			0.004			0.11	0.08	0.15	0.34		
C2A	24/11/2018	Mid-Flood	Fine	Moderate	6:13	13	M	6.5	2	8.02	8.02	32.55	32.75	22.32	22.32	90.2	90.2	6.47	6.47		5.0	5.1	5.1	0.11	0.11	0.12	0.004	0.004	0.005	0.11	0.08	0.15	0.34	0.34	0.34
C2A	24/11/2018	Mid-Flood	Fine	Moderate	6:13	13	M	6.5	3																					0.11	0.08	0.15	0.34		
C2A	24/11/2018	Mid-Flood	Fine	Moderate	6:13	13	B	12	1	8.03		32.96		22.31		90.2		6.48			5.4			0.16			0.006			0.16	0.06	0.19	0.41		
C2A	24/11/2018	Mid-Flood	Fine	Moderate	6:13	13	B	12	2	8.03	8.03	32.95	32.96	22.31	22.31	90.3	90.3	6.48	6.48		5.3	5.4		0.16	0.16		0.006	0.006		0.16	0.06	0.19	0.41	0.41	
C2A	24/11/2018	Mid-Flood	Fine	Moderate	6:13	13	B	12	3																					0.16	0.06	0.19	0.41		
G2	24/11/2018	Mid-Flood	Fine	Moderate	7:44	12	S	1	1	8.02		32.38		22.47		89.0		6.38			5.0			NA			NA			0.10	0.08	0.17	0.35		
G2	24/11/2018	Mid-Flood	Fine	Moderate	7:44	12	S	1	2	8.03	8.03	32.39	32.39	22.46	22.47	88.7	88.9	6.36	6.37		5.3	5.2		NA	NA		NA	NA		0.10	0.08	0.17	0.35	0.35	
G2	24/11/2018	Mid-Flood	Fine	Moderate	7:44	12	S	1	3											6.30										0.10	0.08	0.17	0.35		
G2	24/11/2018	Mid-Flood	Fine	Moderate	7:44	12	M	6	1	8.03		32.44		22.45		86.8		6.23			5.8			NA			NA			0.10	0.09	0.16	0.35		
G2	24/11/2018	Mid-Flood	Fine	Moderate	7:44	12	M	6	2	8.03	8.03	32.44	32.44	22.45	22.45	86.7	86.8	6.23	6.23		6.1	6.0	5.6	NA	NA	NA	NA	NA	NA	0.10	0.09	0.16	0.35	0.35	0.35
G2	24/11/2018	Mid-Flood	Fine	Moderate	7:44	12	M	6	3																					0.10	0.08	0.16	0.34		
G2	24/11/2018	Mid-Flood	Fine	Moderate	7:44	12	B	11	1	8.03		32.46		22.45		85.6		6.15			5.8			NA			NA			0.10	0.08	0.18	0.36		
G2	24/11/2018	Mid-Flood	Fine	Moderate	7:44	12	B	11	2	8.03	8.03	32.46	32.46	22.46	22.46	85.6	85.6	6.15	6.15		5.7	5.8		NA	NA		NA	NA		0.10	0.08	0.18	0.36	0.36	
G2	24/11/2018	Mid-Flood	Fine	Moderate	7:44	12	B	11	3																					0.10	0.08	0.18	0.36		
SR2	24/11/2018	Mid-Flood	Fine	Moderate	7:53	9	S	1	1	8.02		32.40		22.46		88.6		6.37			5.4			0.04			0.002			NA	NA	NA	NA		
SR2	24/11/2018	Mid-Flood	Fine	Moderate	7:53	9	S	1	2	8.03	8.03	32.40	32.40	22.46	22.46	88.4	88.5	6.35	6.36		5.3	5.4		0.04	0.04		0.002	0.002		NA	NA	NA	NA	NA	
SR2	24/11/2018	Mid-Flood	Fine	Moderate	7:53	9	S	1	3											6.29										NA	NA	NA	NA		
SR2	24/11/2018	Mid-Flood	Fine	Moderate	7:53	9	M	4.5	1	8.03		32.43		22.43		86.7		6.23			5.1			0.08			0.003			NA	NA	NA	NA		
SR2	24/11/2018	Mid-Flood	Fine	Moderate	7:53	9	M	4.5	2	8.03	8.03	32.43	32.43	22.43	22.43	86.6	86.7	6.22	6.23		5.1	5.1	5.5	0.08	0.08	0.06	0.003	0.003	0.002	NA	NA	NA	NA	NA	NA
SR2	24/11/2018	Mid-Flood	Fine	Moderate	7:53	9	M	4.5	3																					NA	NA	NA	NA		
SR2	24/11/2018	Mid-Flood	Fine	Moderate	7:53	9	B	8	1	8.03		32.50		22.43		85.6		6.15			5.9			0.06			0.002			NA	NA	NA	NA		
SR2	24/11/2018	Mid-Flood	Fine	Moderate	7:53	9	B	8	2	8.03	8.03	32.50	32.50	22.43	22.43	85.4	85.5	6.13	6.14		6.0	6.0		0.06	0.06		0.002	0.002		NA	NA	NA	NA	NA	
SR2	24/11/2018	Mid-Flood	Fine	Moderate	7:53	9	B	8	3																					NA	NA	NA	NA		
SR3	24/11/2018	Mid-Flood	Fine	Moderate	7:30	8	S	1	1	7.97		32.64		22.59		82.5		5.91			5.5			0.18			0.006			NA	NA	NA	NA		
SR3	24/11/2018	Mid-Flood	Fine	Moderate	7:30	8	S	1	2	7.97	7.97	32.64	32.64	22.59	22.59	82.3	82.4	5.89	5.90		5.6	5.6		0.18	0.18		0.006	0.006		NA	NA	NA	NA	NA	
SR3	24/11/2018	Mid-Flood	Fine	Moderate	7:30	8	S	1	3											5.78										NA	NA	NA	NA		
SR3	24/11/2018	Mid-Flood	Fine	Moderate	7:30	8	M	4	1	7.98		32.61		22.59		79.1		5.66			5.9			0.16			0.005			NA	NA	NA	NA		
SR3	24/11/2018	Mid-Flood	Fine	Moderate	7:30	8	M	4	2	7.93	7.96	32.61	32.61	22.59	22.59	79.1	79.1	5.66	5.66		5.9	5.9	5.8	0.16	0.16	0.15	0.005	0.005	0.005	NA	NA	NA	NA	NA	NA
SR3	24/11/2018	Mid-Flood	Fine	Moderate	7:30	8	M	4	3																					NA	NA	NA	NA		
SR3	24/11/2018	Mid-Flood	Fine	Moderate	7:30	8	B	7	1	7.98		32.61		22.59		78.7		5.64			5.9			0.12			0.004			NA	NA	NA	NA		
SR3	24/11/2018	Mid-Flood	Fine	Moderate	7:30	8	B	7	2	7.98	7.98	32.61	32.61	22.59	22.59	78.6	78.7	5.63	5.64		5.8	5.9		0.12	0.12		0.004	0.004		NA	NA	NA	NA	NA	
SR3	24/11/2018	Mid-Flood	Fine	Moderate	7:30	8	B	7	3																					NA	NA	NA	NA		
SR4	24/11/2018	Mid-Flood	Fine	Moderate	7:12	4	S	1	1	7.96		32.61		22.64		82.0		5.85			6.9			0.12			0.004			NA	NA	NA	NA		
SR4	24/11/2018	Mid-Flood	Fine	Moderate	7:12	4	S	1	2	7.96	7.96	32.60	32.61	22.64	22.64	81.4	81.7	5.82	5.84		6.9	6.9		0.12	0.12		0.004	0.004		NA	NA	NA	NA	NA	
SR4	24/11/2018	Mid-Flood	Fine	Moderate	7:12	4	S	1	3											5.84										NA	NA	NA	NA		
SR4	24/11/2018	Mid-Flood	Fine	Moderate	7:12	4	M		1																					NA	NA	NA	NA		
SR4	24/11/2018	Mid-Flood	Fine	Moderate	7:12	4	M		2		NA		NA		NA		NA		NA			NA	7.1		NA	0.11		NA	0.004	NA	NA	NA	NA	NA	NA
SR4	24/11/2018	Mid-Flood	Fine	Moderate	7:12	4	M		3																					NA	NA	NA	NA		
SR4	24/11/2018	Mid-Flood	Fine	Moderate	7:12	4	B	3	1	7.96		32.60		22.63		79.1		5.65			7.3			0.10			0.003			NA	NA	NA	NA		
SR4	24/11/2018	Mid-Flood	Fine	Moderate	7:12	4	B	3	2	7.96	7.96	32.60	32.60	22.63	22.63	78.9	79.0	5.63	5.64		7.3	7.3		0.10	0.10		0.003	0.003		NA	NA	NA	NA	NA	
SR4	24/11/2018	Mid-Flood	Fine	Moderate	7:12	4	B	3	3																					NA	NA	NA	NA		

Impact Monitoring Data

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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR5	24/11/2018	Mid-Flood	Fine	Moderate	8:20	11	S	1	1	8.03	8.03	32.56	32.56	22.46	22.47	87.3	87.4	6.25	6.26	6.21	5.8	5.9	6.1	NA	NA	NA	NA	NA	NA	0.01	0.12	0.19	0.32	0.32	0.34
SR5	24/11/2018	Mid-Flood	Fine	Moderate	8:20	11	S	1	2	8.03		32.56		22.47		87.4		6.26			6.0			NA			NA			0.01	0.12	0.19	0.32		
SR5	24/11/2018	Mid-Flood	Fine	Moderate	8:20	11	S	1	3																					0.01	0.12	0.19	0.32		
SR5	24/11/2018	Mid-Flood	Fine	Moderate	8:20	11	M	5.5	1	8.03	8.03	32.62	34.62	22.46	22.46	85.7	85.8	6.15	6.16		6.0	6.1		NA	NA		NA	NA		0.01	0.09	0.25	0.35	0.35	
SR5	24/11/2018	Mid-Flood	Fine	Moderate	8:20	11	M	5.5	2	8.03		36.62		22.45		85.8		6.16			6.1			NA			NA			0.01	0.08	0.25	0.34		
SR5	24/11/2018	Mid-Flood	Fine	Moderate	8:20	11	M	5.5	3																					0.01	0.09	0.25	0.35		
SR5	24/11/2018	Mid-Flood	Fine	Moderate	8:20	11	B	10	1	8.04	8.04	32.62	32.62	22.44	22.44	84.8	84.9	6.09	6.09		6.3	6.3		NA	NA		NA	NA		0.01	0.08	0.26	0.35	0.35	
SR5	24/11/2018	Mid-Flood	Fine	Moderate	8:20	11	B	10	2	8.03		32.62		22.44		84.9		6.09			6.2			NA			NA			0.01	0.08	0.26	0.35		
SR5	24/11/2018	Mid-Flood	Fine	Moderate	8:20	11	B	10	3																					0.01	0.08	0.26	0.35		
SR12	24/11/2018	Mid-Flood	Fine	Moderate	6:54	15	S	1	1	7.95	7.95	32.33	32.33	22.41	22.41	86.6	86.5	6.23	6.22	6.14	6.4	6.4	6.8	0.12	0.11	0.12	0.004	0.004	0.004	NA	NA	NA	NA	NA	NA
SR12	24/11/2018	Mid-Flood	Fine	Moderate	6:54	15	S	1	2	7.95		32.33		22.41		86.3		6.20			6.4			0.10			0.003			NA	NA	NA	NA		
SR12	24/11/2018	Mid-Flood	Fine	Moderate	6:54	15	S	1	3																					NA	NA	NA	NA		
SR12	24/11/2018	Mid-Flood	Fine	Moderate	6:54	15	M	7.5	1	7.97	7.98	32.36	32.36	22.39	22.39	84.0	84.1	6.05	6.06		7.2	7.2		0.11	0.11		0.004	0.004		NA	NA	NA	NA	NA	
SR12	24/11/2018	Mid-Flood	Fine	Moderate	6:54	15	M	7.5	2	7.98		32.36		22.38		84.2		6.06			7.1			0.11			0.004			NA	NA	NA	NA		
SR12	24/11/2018	Mid-Flood	Fine	Moderate	6:54	15	M	7.5	3																					NA	NA	NA	NA		
SR12	24/11/2018	Mid-Flood	Fine	Moderate	6:54	15	B	14	1	8.01	8.01	32.56	32.56	22.35	22.35	85.3	85.3	6.14	6.14		6.9	6.9		0.13	0.13		0.005	0.005		NA	NA	NA	NA	NA	
SR12	24/11/2018	Mid-Flood	Fine	Moderate	6:54	15	B	14	2	8.01		32.56		22.35		85.2		6.13			6.9			0.13			0.005			NA	NA	NA	NA		
SR12	24/11/2018	Mid-Flood	Fine	Moderate	6:54	15	B	14	3																					NA	NA	NA	NA		
SR13	24/11/2018	Mid-Flood	Fine	Moderate	6:28	14	S	1	1	8.01	8.01	32.45	32.45	22.48	22.48	90.3	90.2	6.48	6.47	6.41	6.2	6.3	6.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	24/11/2018	Mid-Flood	Fine	Moderate	6:28	14	S	1	2	8.01		32.45		22.48		90.0		6.46			6.3			NA			NA			NA	NA	NA	NA		
SR13	24/11/2018	Mid-Flood	Fine	Moderate	6:28	14	S	1	3																					NA	NA	NA	NA		
SR13	24/11/2018	Mid-Flood	Fine	Moderate	6:28	14	M	7	1	8.03	8.03	32.72	32.73	22.38	22.38	88.5	88.5	6.35	6.35		6.5	6.5		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	24/11/2018	Mid-Flood	Fine	Moderate	6:28	14	M	7	2	8.03		32.74		22.38		88.6		6.35			6.4			NA			NA			NA	NA	NA	NA		
SR13	24/11/2018	Mid-Flood	Fine	Moderate	6:28	14	M	7	3																					NA	NA	NA	NA		
SR13	24/11/2018	Mid-Flood	Fine	Moderate	6:28	14	B	13	1	8.04	8.04	32.78	32.79	22.38	22.38	88.1	88.1	6.33	6.33		6.6	6.6		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	24/11/2018	Mid-Flood	Fine	Moderate	6:28	14	B	13	2	8.04		32.79		22.38		88.1		6.32			6.5			NA			NA			NA	NA	NA	NA		
SR13	24/11/2018	Mid-Flood	Fine	Moderate	6:28	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 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	24/11/2018	Mid-Flood	Fine	Moderate	8:44	28	S	1	1	10	9	10	0.08	0.09	0.08	0.003	0.003	0.003	0.08	0.16	0.07	0.31	0.31	0.31	74	61	36	<0.5	0.50	0.50	<1	1	1
C1A	24/11/2018	Mid-Flood	Fine	Moderate	8:44	28	S	1	2	9			0.09			0.004			0.09	0.17	0.07	0.33			51			<0.5			<1		
C1A	24/11/2018	Mid-Flood	Fine	Moderate	8:44	28	S	1	3										0.07	0.15	0.08	0.30											
C1A	24/11/2018	Mid-Flood	Fine	Moderate	8:44	28	M	14	1	10	11		0.07			0.003			0.07	0.16	0.07	0.30			47			<0.5			<1		
C1A	24/11/2018	Mid-Flood	Fine	Moderate	8:44	28	M	14	2	11			0.07			0.003			0.07	0.16	0.08	0.31			58			<0.5			<1		
C1A	24/11/2018	Mid-Flood	Fine	Moderate	8:44	28	M	14	3										0.07	0.16	0.08	0.31											
C1A	24/11/2018	Mid-Flood	Fine	Moderate	8:44	28	B	27	1	10	9		0.08	0.08		0.003	0.003		0.08	0.16	0.07	0.31	0.31		16	15		<0.5	0.50		<1	1	
C1A	24/11/2018	Mid-Flood	Fine	Moderate	8:44	28	B	27	2	9			0.08			0.003			0.08	0.17	0.07	0.32			14			<0.5			<1		
C1A	24/11/2018	Mid-Flood	Fine	Moderate	8:44	28	B	27	3										0.07	0.16	0.08	0.31											
C2A	24/11/2018	Mid-Flood	Fine	Moderate	6:13	13	S	1	1	10	10	9	0.19	0.18	0.13	0.007	0.007	0.005	0.19	0.07	0.05	0.31	0.30	0.24	2	1	2	<0.5	0.50	0.50	<1	2	1
C2A	24/11/2018	Mid-Flood	Fine	Moderate	6:13	13	S	1	2	10			0.17			0.006			0.17	0.08	0.04	0.29			ND			<0.5			2		
C2A	24/11/2018	Mid-Flood	Fine	Moderate	6:13	13	S	1	3										0.17	0.08	0.05	0.30											
C2A	24/11/2018	Mid-Flood	Fine	Moderate	6:13	13	M	6.5	1	9	9		0.07	0.07		0.003	0.003		0.07	0.06	0.04	0.17	0.17		4	3		<0.5	0.50		<1	1	
C2A	24/11/2018	Mid-Flood	Fine	Moderate	6:13	13	M	6.5	2	9			0.07			0.003			0.07	0.06	0.04	0.17			2			<0.5			<1		
C2A	24/11/2018	Mid-Flood	Fine	Moderate	6:13	13	M	6.5	3										0.07	0.07	0.04	0.18											
C2A	24/11/2018	Mid-Flood	Fine	Moderate	6:13	13	B	12	1	8	8		0.14	0.13		0.005	0.005		0.14	0.07	0.05	0.26	0.25		ND	1		<0.5	0.50		<1	1	
C2A	24/11/2018	Mid-Flood	Fine	Moderate	6:13	13	B	12	2	8			0.12			0.005			0.12	0.07	0.05	0.24			ND			<0.5			<1		
C2A	24/11/2018	Mid-Flood	Fine	Moderate	6:13	13	B	12	3										0.14	0.08	0.04	0.26											
G2	24/11/2018	Mid-Flood	Fine	Moderate	7:44	12	S	1	1	13	13	10	NA	NA	NA	NA	NA	NA	0.08	0.17	0.11	0.36	0.34	0.34	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	24/11/2018	Mid-Flood	Fine	Moderate	7:44	12	S	1	2	13			NA			NA			0.08	0.16	0.10	0.34			NA			NA			NA		
G2	24/11/2018	Mid-Flood	Fine	Moderate	7:44	12	S	1	3										0.04	0.15	0.12	0.31											
G2	24/11/2018	Mid-Flood	Fine	Moderate	7:44	12	M	6	1	9	10		NA	NA		NA	NA		0.10	0.16	0.09	0.35	0.34		NA	NA		NA	NA		NA	NA	
G2	24/11/2018	Mid-Flood	Fine	Moderate	7:44	12	M	6	2	10			NA			NA			0.08	0.17	0.10	0.35			NA			NA			NA		
G2	24/11/2018	Mid-Flood	Fine	Moderate	7:44	12	M	6	3										0.07	0.16	0.10	0.33											
G2	24/11/2018	Mid-Flood	Fine	Moderate	7:44	12	B	11	1	7	7		NA	NA		NA	NA		0.06	0.16	0.10	0.32	0.33		NA	NA		NA	NA		NA	NA	
G2	24/11/2018	Mid-Flood	Fine	Moderate	7:44	12	B	11	2	7			NA			NA			0.08	0.16	0.10	0.34			NA			NA			NA		
G2	24/11/2018	Mid-Flood	Fine	Moderate	7:44	12	B	11	3										0.08	0.16	0.10	0.34											
SR2	24/11/2018	Mid-Flood	Fine	Moderate	7:53	9	S	1	1	6	7	7	0.07	0.07	0.07	0.003	0.003	0.003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	24/11/2018	Mid-Flood	Fine	Moderate	7:53	9	S	1	2	7			0.07			0.003			NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	24/11/2018	Mid-Flood	Fine	Moderate	7:53	9	S	1	3										NA	NA	NA	NA											
SR2	24/11/2018	Mid-Flood	Fine	Moderate	7:53	9	M	4.5	1	7	8	7	0.06	0.06	0.07	0.002	0.002	0.003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	24/11/2018	Mid-Flood	Fine	Moderate	7:53	9	M	4.5	2	8			0.06			0.002			NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	24/11/2018	Mid-Flood	Fine	Moderate	7:53	9	M	4.5	3										NA	NA	NA	NA											
SR2	24/11/2018	Mid-Flood	Fine	Moderate	7:53	9	B	8	1	7	7		0.08	0.08		0.003	0.003		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	24/11/2018	Mid-Flood	Fine	Moderate	7:53	9	B	8	2	8			0.07			0.003			NA	NA	NA	NA			NA			NA			NA		
SR2	24/11/2018	Mid-Flood	Fine	Moderate	7:53	9	B	8	3										NA	NA	NA	NA											
SR3	24/11/2018	Mid-Flood	Fine	Moderate	7:30	8	S	1	1	10	10	12	0.16	0.16	0.18	0.005	0.005	0.006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	24/11/2018	Mid-Flood	Fine	Moderate	7:30	8	S	1	2	11			0.16			0.005			NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	24/11/2018	Mid-Flood	Fine	Moderate	7:30	8	S	1	3										NA	NA	NA	NA											
SR3	24/11/2018	Mid-Flood	Fine	Moderate	7:30	8	M	4	1	14	14		0.18	0.19		0.006	0.006		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	24/11/2018	Mid-Flood	Fine	Moderate	7:30	8	M	4	2	14			0.20			0.007			NA	NA	NA	NA			NA			NA			NA		
SR3	24/11/2018	Mid-Flood	Fine	Moderate	7:30	8	M	4	3										NA	NA	NA	NA											
SR3	24/11/2018	Mid-Flood	Fine	Moderate	7:30	8	B	7	1	13	13		0.18	0.18		0.006	0.006		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	24/11/2018	Mid-Flood	Fine	Moderate	7:30	8	B	7	2	12			0.17			0.006			NA	NA	NA	NA			NA			NA			NA		
SR3	24/11/2018	Mid-Flood	Fine	Moderate	7:30	8	B	7	3										NA	NA	NA	NA											
SR4	24/11/2018	Mid-Flood	Fine	Moderate	7:12	4	S	1	1	11	11	11	0.14	0.15	0.15	0.005	0.005	0.005	NA	NA	NA	NA	NA	NA	5	4	8	<0.5	0.50	0.50	<1	1	1
SR4	24/11/2018	Mid-Flood	Fine	Moderate	7:12	4	S	1	2	11			0.15			0.005			NA	NA	NA	NA	NA		3			<0.5			<1		
SR4	24/11/2018	Mid-Flood	Fine	Moderate	7:12	4	S	1	3										NA	NA	NA	NA											
SR4	24/11/2018	Mid-Flood	Fine	Moderate	7:12	4	M		1		NA			NA			NA		NA	NA	NA	NA	NA			NA			NA			NA	
SR4	24/11/2018	Mid-Flood	Fine	Moderate	7:12	4	M		2										NA	NA	NA	NA											
SR4	24/11/2018	Mid-Flood	Fine	Moderate	7:12	4	M		3										NA	NA	NA	NA											
SR4	24/11/2018	Mid-Flood	Fine	Moderate	7:12	4	B	3	1	12	12		0.15	0.16		0.005	0.005		NA	NA	NA	NA	NA		24	18		<0.5	0.50		<1	1	
SR4	24/11/2018	Mid-Flood	Fine	Moderate	7:12	4	B	3	2	11			0.16			0.005			NA	NA	NA	NA			13			<0.5			<1		
SR4	24/11/2018	Mid-Flood	Fine	Moderate	7:12	4	B	3	3										NA	NA	NA	NA											

Impact Monitoring Data

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.
SR5	24/11/2018	Mid-Flood	Fine	Moderate	8:20	11	S	1	1	10	10		NA	NA		NA	NA		0.06	0.17	0.12	0.35	0.35		NA	NA		NA	NA		NA	NA	
SR5	24/11/2018	Mid-Flood	Fine	Moderate	8:20	11	S	1	2	10			NA			NA			0.05	0.17	0.13	0.35			NA			NA			NA		
SR5	24/11/2018	Mid-Flood	Fine	Moderate	8:20	11	S	1	3										0.06	0.17	0.11	0.34											
SR5	24/11/2018	Mid-Flood	Fine	Moderate	8:20	11	M	5.5	1	9	9	9	NA	NA	NA	NA	NA	NA	0.05	0.18	0.12	0.35	0.34	0.34	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	24/11/2018	Mid-Flood	Fine	Moderate	8:20	11	M	5.5	2	9			NA			NA			0.04	0.18	0.12	0.34			NA			NA			NA		
SR5	24/11/2018	Mid-Flood	Fine	Moderate	8:20	11	M	5.5	3										0.04	0.17	0.12	0.33											
SR5	24/11/2018	Mid-Flood	Fine	Moderate	8:20	11	B	10	1	9	9		NA	NA		NA	NA		0.05	0.17	0.12	0.34	0.34		NA	NA		NA	NA		NA	NA	
SR5	24/11/2018	Mid-Flood	Fine	Moderate	8:20	11	B	10	2	10			NA			NA			0.03	0.18	0.12	0.33			NA			NA			NA		
SR5	24/11/2018	Mid-Flood	Fine	Moderate	8:20	11	B	10	3										0.05	0.18	0.12	0.35											
SR12	24/11/2018	Mid-Flood	Fine	Moderate	6:54	15	S	1	1	10	10		0.52	0.55		0.017	0.018		NA	NA	NA	NA	NA		25	31		<0.5	0.50		<1	1	
SR12	24/11/2018	Mid-Flood	Fine	Moderate	6:54	15	S	1	2	10			0.57			0.018			NA	NA	NA	NA			39			<0.5			1		
SR12	24/11/2018	Mid-Flood	Fine	Moderate	6:54	15	S	1	3										NA	NA	NA	NA											
SR12	24/11/2018	Mid-Flood	Fine	Moderate	6:54	15	M	7.5	1	7	8	9	0.53	0.53	0.53	0.018	0.018	0.018	NA	NA	NA	NA	NA	NA	14	12	20	<0.5	0.50	0.50	<1	1	1
SR12	24/11/2018	Mid-Flood	Fine	Moderate	6:54	15	M	7.5	2	8			0.53			0.018			NA	NA	NA	NA			10			<0.5			<1		
SR12	24/11/2018	Mid-Flood	Fine	Moderate	6:54	15	M	7.5	3										NA	NA	NA	NA											
SR12	24/11/2018	Mid-Flood	Fine	Moderate	6:54	15	B	14	1	8	8		0.49	0.51		0.018	0.019		NA	NA	NA	NA	NA		21	22		<0.5	0.50		<1	1	
SR12	24/11/2018	Mid-Flood	Fine	Moderate	6:54	15	B	14	2	8			0.52			0.019			NA	NA	NA	NA			24			<0.5			<1		
SR12	24/11/2018	Mid-Flood	Fine	Moderate	6:54	15	B	14	3										NA	NA	NA	NA											
SR13	24/11/2018	Mid-Flood	Fine	Moderate	6:28	14	S	1	1	10	10		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	24/11/2018	Mid-Flood	Fine	Moderate	6:28	14	S	1	2	10			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	24/11/2018	Mid-Flood	Fine	Moderate	6:28	14	S	1	3										NA	NA	NA	NA											
SR13	24/11/2018	Mid-Flood	Fine	Moderate	6:28	14	M	7	1	11	10	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	24/11/2018	Mid-Flood	Fine	Moderate	6:28	14	M	7	2	10			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	24/11/2018	Mid-Flood	Fine	Moderate	6:28	14	M	7	3										NA	NA	NA	NA											
SR13	24/11/2018	Mid-Flood	Fine	Moderate	6:28	14	B	13	1	8	8		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	24/11/2018	Mid-Flood	Fine	Moderate	6:28	14	B	13	2	8			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	24/11/2018	Mid-Flood	Fine	Moderate	6:28	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 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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.					Ave.	Depth Ave.
C1A	24/11/2018	Mid-Ebb	Fine	Moderate	10:38	28	S	1	1	8.04	8.04	32.43	32.43	22.44	22.44	86.9	87.0	6.24	6.25	6.24	6.1	6.1	6.2	0.05	0.05	0.05	0.002	0.002	0.002	0.05	0.06	0.21	0.32	0.32	0.32
C1A	24/11/2018	Mid-Ebb	Fine	Moderate	10:38	28	S	1	2	8.04		32.43		22.44		87.0		6.25			6.1			0.05			0.002			0.05	0.06	0.21	0.32		
C1A	24/11/2018	Mid-Ebb	Fine	Moderate	10:38	28	S	1	3																					0.05	0.06	0.21	0.32		
C1A	24/11/2018	Mid-Ebb	Fine	Moderate	10:38	28	M	14	1	8.04	8.04	32.43	32.43	22.43	22.43	86.8	86.8	6.24	6.24		6.0	6.0		0.05	0.05		0.002	0.002		0.05	0.07	0.21	0.33	0.33	
C1A	24/11/2018	Mid-Ebb	Fine	Moderate	10:38	28	M	14	2	8.04		32.43		22.43		86.8		6.23			6.0			0.05			0.002			0.05	0.07	0.21	0.33		
C1A	24/11/2018	Mid-Ebb	Fine	Moderate	10:38	28	M	14	3																					0.05	0.07	0.21	0.33		
C1A	24/11/2018	Mid-Ebb	Fine	Moderate	10:38	28	B	27	1	8.03	8.03	32.44	32.44	22.43	22.43	86.0	86.0	6.19	6.19		6.6	6.6		0.05	0.05		0.002	0.002		0.05	0.06	0.20	0.31	0.31	
C1A	24/11/2018	Mid-Ebb	Fine	Moderate	10:38	28	B	27	2	8.03		32.44		22.43		86.0		6.19			6.6			0.05			0.002			0.05	0.06	0.20	0.31		
C1A	24/11/2018	Mid-Ebb	Fine	Moderate	10:38	28	B	27	3																					0.05	0.06	0.20	0.31		
C2A	24/11/2018	Mid-Ebb	Fine	Moderate	13:19	13	S	1	1	7.98	7.99	32.72	32.72	22.47	22.48	86.0	85.8	6.15	6.13	6.02	5.5	5.6	5.9	0.12	0.12	0.12	0.004	0.004	0.004	0.12	0.06	0.25	0.43	0.44	0.42
C2A	24/11/2018	Mid-Ebb	Fine	Moderate	13:19	13	S	1	2	7.99		32.72		22.48		85.5		6.11			5.6			0.12			0.004			0.12	0.06	0.26	0.44		
C2A	24/11/2018	Mid-Ebb	Fine	Moderate	13:19	13	S	1	3																					0.12	0.06	0.26	0.44		
C2A	24/11/2018	Mid-Ebb	Fine	Moderate	13:19	13	M	6.5	1	8.00	8.00	32.78	32.78	22.51	22.51	82.6	82.5	5.91	5.90		5.8	5.9		0.11	0.11		0.004	0.004		0.11	0.05	0.26	0.42	0.42	
C2A	24/11/2018	Mid-Ebb	Fine	Moderate	13:19	13	M	6.5	2	8.00		32.78		22.51		82.4		5.89			5.9			0.11			0.004			0.11	0.05	0.26	0.42		
C2A	24/11/2018	Mid-Ebb	Fine	Moderate	13:19	13	M	6.5	3																					0.12	0.05	0.26	0.43		
C2A	24/11/2018	Mid-Ebb	Fine	Moderate	13:19	13	B	12	1	8.00	8.00	32.81	32.81	22.51	22.51	80.8	80.8	5.78	5.78		6.2	6.2		0.12	0.12		0.004	0.004		0.12	0.05	0.21	0.38	0.39	
C2A	24/11/2018	Mid-Ebb	Fine	Moderate	13:19	13	B	12	2	8.00		32.81		22.51		80.7		5.77			6.1			0.12			0.004			0.12	0.05	0.21	0.38		
C2A	24/11/2018	Mid-Ebb	Fine	Moderate	13:19	13	B	12	3																					0.14	0.05	0.21	0.40		
G2	24/11/2018	Mid-Ebb	Fine	Moderate	11:37	12	S	1	1	8.04	8.04	32.41	32.41	22.48	22.48	85.9	86.0	6.17	6.18	6.15	5.2	5.3	5.7	NA	NA	NA	NA	NA	NA	0.12	0.09	0.21	0.42	0.42	0.43
G2	24/11/2018	Mid-Ebb	Fine	Moderate	11:37	12	S	1	2	8.04		32.40		22.48		86.0		6.18			5.3			NA			NA			0.12	0.09	0.21	0.42		
G2	24/11/2018	Mid-Ebb	Fine	Moderate	11:37	12	S	1	3																					0.12	0.09	0.21	0.42		
G2	24/11/2018	Mid-Ebb	Fine	Moderate	11:37	12	M	6	1	8.03	8.03	32.47	32.47	22.46	22.46	85.2	85.2	6.12	6.13		6.0	6.0		NA	NA		NA	NA		0.06	0.07	0.26	0.39	0.41	
G2	24/11/2018	Mid-Ebb	Fine	Moderate	11:37	12	M	6	2	8.03		32.47		22.45		85.3		6.13			6.0			NA			NA			0.09	0.07	0.26	0.42		
G2	24/11/2018	Mid-Ebb	Fine	Moderate	11:37	12	M	6	3																					0.08	0.07	0.26	0.41		
G2	24/11/2018	Mid-Ebb	Fine	Moderate	11:37	12	B	11	1	8.03	8.03	32.47	32.47	22.46	22.46	85.2	85.2	6.12	6.12		5.9	5.9		NA	NA		NA	NA		0.10	0.07	0.28	0.45	0.46	
G2	24/11/2018	Mid-Ebb	Fine	Moderate	11:37	12	B	11	2	8.03		32.47		22.46		85.2		6.12			5.8			NA			NA			0.11	0.07	0.27	0.45		
G2	24/11/2018	Mid-Ebb	Fine	Moderate	11:37	12	B	11	3																					0.13	0.07	0.27	0.47		
SR2	24/11/2018	Mid-Ebb	Fine	Moderate	11:26	9	S	1	1	8.04	8.04	32.42	32.42	22.46	22.46	85.7	85.8	6.16	6.17	6.14	4.7	4.7	5.6	0.13	0.13	0.11	0.005	0.005	0.004	NA	NA	NA	NA	NA	NA
SR2	24/11/2018	Mid-Ebb	Fine	Moderate	11:26	9	S	1	2	8.04		32.42		22.46		85.8		6.17			4.7			0.13			0.005			NA	NA	NA	NA		
SR2	24/11/2018	Mid-Ebb	Fine	Moderate	11:26	9	S	1	3																					NA	NA	NA	NA		
SR2	24/11/2018	Mid-Ebb	Fine	Moderate	11:26	9	M	4.5	1	8.03	8.03	32.46	32.46	22.43	22.43	84.9	85.0	6.11	6.11		5.6	5.7		0.06	0.06		0.002	0.002		NA	NA	NA	NA	NA	NA
SR2	24/11/2018	Mid-Ebb	Fine	Moderate	11:26	9	M	4.5	2	8.03		32.46		22.43		85.0		6.11			5.7			0.06			0.002			NA	NA	NA	NA		
SR2	24/11/2018	Mid-Ebb	Fine	Moderate	11:26	9	M	4.5	3																					NA	NA	NA	NA		
SR2	24/11/2018	Mid-Ebb	Fine	Moderate	11:26	9	B	8	1	8.03	8.03	32.51	32.52	22.44	22.44	84.9	84.9	6.10	6.10		6.6	6.6		0.13	0.13		0.005	0.005		NA	NA	NA	NA	NA	
SR2	24/11/2018	Mid-Ebb	Fine	Moderate	11:26	9	B	8	2	8.03		32.52		22.43		84.9		6.09			6.5			0.13			0.005			NA	NA	NA	NA		
SR2	24/11/2018	Mid-Ebb	Fine	Moderate	11:26	9	B	8	3																					NA	NA	NA	NA		
SR3	24/11/2018	Mid-Ebb	Fine	Moderate	11:50	8	S	1	1	7.98	7.98	32.63	32.63	22.59	22.59	78.7	78.8	5.64	5.64	5.63	5.3	5.4	5.6	0.12	0.12	0.14	0.004	0.004	0.005	NA	NA	NA	NA	NA	NA
SR3	24/11/2018	Mid-Ebb	Fine	Moderate	11:50	8	S	1	2	7.98		32.63		22.59		78.9		5.64			5.4			0.12			0.004			NA	NA	NA	NA		
SR3	24/11/2018	Mid-Ebb	Fine	Moderate	11:50	8	S	1	3																					NA	NA	NA	NA		
SR3	24/11/2018	Mid-Ebb	Fine	Moderate	11:50	8	M	4	1	7.98	7.98	32.61	32.61	22.59	22.59	78.5	78.5	5.62	5.62		5.6	5.6		0.16	0.16		0.006	0.005		NA	NA	NA	NA	NA	NA
SR3	24/11/2018	Mid-Ebb	Fine	Moderate	11:50	8	M	4	2	7.98		32.61		22.58		78.4		5.62			5.5			0.15			0.005			NA	NA	NA	NA		
SR3	24/11/2018	Mid-Ebb	Fine	Moderate	11:50	8	M	4	3																					NA	NA	NA	NA		
SR3	24/11/2018	Mid-Ebb	Fine	Moderate	11:50	8	B	7	1	7.98	7.98	32.61	32.62	22.58	22.58	78.4	78.4	5.61	5.61		5.7	5.8		0.14	0.13		0.005	0.005		NA	NA	NA	NA	NA	
SR3	24/11/2018	Mid-Ebb	Fine	Moderate	11:50	8	B	7	2	7.98		32.62		22.58		78.3		5.61			5.8			0.12			0.004			NA	NA	NA	NA		
SR3	24/11/2018	Mid-Ebb	Fine	Moderate	11:50	8	B	7	3																					NA	NA	NA	NA		
SR4	24/11/2018	Mid-Ebb	Fine	Moderate	12:08	4	S	1	1	8.00	8.00	32.68	32.68	22.59	22.60	83.4	83.3	5.96	5.96	5.96	5.4	5.5	6.2	0.08	0.08	0.07	0.003	0.003	0.002	NA	NA	NA	NA	NA	NA
SR4	24/11/2018	Mid-Ebb	Fine	Moderate	12:08	4	S	1	2	8.00		32.67		22.60		83.1		5.95			5.5			0.07			0.003			NA	NA	NA	NA		
SR4	24/11/2018	Mid-Ebb	Fine	Moderate	12:08	4	S	1	3																					NA	NA	NA	NA		
SR4	24/11/2018	Mid-Ebb	Fine	Moderate	12:08	4	M		1																					NA	NA	NA	NA		
SR4	24/11/2018	Mid-Ebb	Fine	Moderate	12:08	4	M		2		NA		NA		NA		NA		NA			NA			NA			NA		NA	NA	NA	NA	NA	
SR4	24/11/2018	Mid-Ebb	Fine	Moderate	12:08	4	M		3																					NA	NA	NA	NA		
SR4	24/11/2018	Mid-Ebb	Fine	Moderate	12:08	4	B	3	1	8.01	8.01	32.68	32.69	22.56	22.55	80.5	80.3	5.76	5.75		7.0	7.0		0.07	0.06		0.003	0.002		NA	NA	NA	NA	NA	
SR4	24/11/2018	Mid-Ebb	Fine	Moderate	12:08	4	B	3	2	8.01		32.69		22.55		80.1		5.73			6.9			0.05			0.002			NA	NA	NA	NA		
SR4	24/11/2018	Mid-Ebb	Fine	Moderate	12:08	4	B	3	3																					NA	NA	NA	NA		

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																									
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.						
SR5	24/11/2018	Mid-Ebb	Fine	Moderate	11:02	11	S	1	1	8.04	8.04	32.61	32.62	22.44	22.45	84.6	84.7	6.07	6.08	6.08	6.7	6.8	6.6	NA	NA	NA	NA	NA	NA	0.01	0.09	0.16	0.26	0.25	0.31
SR5	24/11/2018	Mid-Ebb	Fine	Moderate	11:02	11	S	1	2	8.04		32.62		22.45		84.7		6.08			6.8			NA			NA			0.01	0.08	0.16	0.25		
SR5	24/11/2018	Mid-Ebb	Fine	Moderate	11:02	11	S	1	3																					0.01	0.08	0.16	0.25		
SR5	24/11/2018	Mid-Ebb	Fine	Moderate	11:02	11	M	5.5	1	8.03	8.03	32.63	32.64	22.44	22.44	84.6	84.7	6.07	6.08		6.5	6.6		NA	NA		NA	NA		0.01	0.09	0.22	0.32	0.31	
SR5	24/11/2018	Mid-Ebb	Fine	Moderate	11:02	11	M	5.5	2	8.03		32.64		22.44		84.7		6.08			6.6			NA			NA			0.01	0.08	0.22	0.31		
SR5	24/11/2018	Mid-Ebb	Fine	Moderate	11:02	11	M	5.5	3																					0.01	0.08	0.21	0.30		
SR5	24/11/2018	Mid-Ebb	Fine	Moderate	11:02	11	B	10	1	8.03	8.03	32.63	32.64	22.44	22.44	84.6	84.7	6.07	6.08		6.6	6.6		NA	NA		NA	NA		0.01	0.08	0.29	0.38	0.38	
SR5	24/11/2018	Mid-Ebb	Fine	Moderate	11:02	11	B	10	2	8.03		32.64		22.44		84.7		6.08			6.6			NA			NA			0.01	0.08	0.29	0.38		
SR5	24/11/2018	Mid-Ebb	Fine	Moderate	11:02	11	B	10	3																					0.01	0.08	0.28	0.37		
SR12	24/11/2018	Mid-Ebb	Fine	Moderate	12:30	15	S	1	1	8.00	8.00	32.70	32.35	22.59	22.60	82.8	82.3	5.93	5.89	5.81	5.7	5.8	5.6	0.12	0.12	0.13	0.004	0.004	0.005	NA	NA	NA	NA	NA	NA
SR12	24/11/2018	Mid-Ebb	Fine	Moderate	12:30	15	S	1	2	8.00		32.00		22.60		81.7		5.84			5.8			0.12			0.004			NA	NA	NA	NA		
SR12	24/11/2018	Mid-Ebb	Fine	Moderate	12:30	15	S	1	3																					NA	NA	NA	NA		
SR12	24/11/2018	Mid-Ebb	Fine	Moderate	12:30	15	M	7.5	1	8.00	8.00	32.84	32.85	22.60	22.61	80.5	80.3	5.75	5.73		5.8	5.6		0.16	0.16		0.006	0.006		NA	NA	NA	NA	NA	
SR12	24/11/2018	Mid-Ebb	Fine	Moderate	12:30	15	M	7.5	2	8.00		32.86		22.61		80.0		5.71			5.4			0.16			0.006			NA	NA	NA	NA		
SR12	24/11/2018	Mid-Ebb	Fine	Moderate	12:30	15	M	7.5	3																					NA	NA	NA	NA		
SR12	24/11/2018	Mid-Ebb	Fine	Moderate	12:30	15	B	14	1	8.00	8.00	33.00	33.04	22.40	22.41	79.1	79.1	5.65	5.66		5.5	5.5		0.12	0.12		0.004	0.004		NA	NA	NA	NA	NA	
SR12	24/11/2018	Mid-Ebb	Fine	Moderate	12:30	15	B	14	2	8.00		33.08		22.41		79.1		5.66			5.5			0.11			0.004			NA	NA	NA	NA		
SR12	24/11/2018	Mid-Ebb	Fine	Moderate	12:30	15	B	14	3																					NA	NA	NA	NA		
SR13	24/11/2018	Mid-Ebb	Fine	Moderate	12:51	14	S	1	1	7.98	7.98	32.82	32.81	22.57	22.57	84.1	83.9	6.00	5.99	5.88	8.2	8.3	8.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	24/11/2018	Mid-Ebb	Fine	Moderate	12:51	14	S	1	2	7.98		32.80		22.57		83.7		5.97			8.4			NA			NA			NA	NA	NA	NA		
SR13	24/11/2018	Mid-Ebb	Fine	Moderate	12:51	14	S	1	3																					NA	NA	NA	NA		
SR13	24/11/2018	Mid-Ebb	Fine	Moderate	12:51	14	M	7	1	7.99	7.99	32.82	32.82	22.47	22.46	80.8	80.7	5.77	5.77		8.6	8.6		NA	NA		NA	NA		NA	NA	NA	NA	NA	NA
SR13	24/11/2018	Mid-Ebb	Fine	Moderate	12:51	14	M	7	2	7.99		32.82		22.45		80.6		5.76			8.6			NA			NA			NA	NA	NA	NA		
SR13	24/11/2018	Mid-Ebb	Fine	Moderate	12:51	14	M	7	3																					NA	NA	NA	NA		
SR13	24/11/2018	Mid-Ebb	Fine	Moderate	12:51	14	B	13	1	7.99	7.99	32.82	32.82	22.32	22.32	79.4	79.4	5.67	5.67		8.8	8.8		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	24/11/2018	Mid-Ebb	Fine	Moderate	12:51	14	B	13	2	7.99		32.82		22.31		79.3		5.67			8.7			NA			NA			NA	NA	NA	NA		
SR13	24/11/2018	Mid-Ebb	Fine	Moderate	12:51	14	B	13	3																					NA	NA	NA	NA		

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1 in 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	24/11/2018	Mid-Ebb	Fine	Moderate	10:38	28	S	1	1	8			0.07			0.003			0.07	0.17	0.08	0.32			64			<0.5			<1		
C1A	24/11/2018	Mid-Ebb	Fine	Moderate	10:38	28	S	1	2	8	8		0.07	0.07		0.003	0.003		0.07	0.17	0.09	0.33	0.33		72	68		<0.5	0.50		<1	1	
C1A	24/11/2018	Mid-Ebb	Fine	Moderate	10:38	28	S	1	3										0.07	0.17	0.09	0.33											
C1A	24/11/2018	Mid-Ebb	Fine	Moderate	10:38	28	M	14	1	9			0.08			0.003			0.08	0.16	0.09	0.33			56			<0.5			<1		
C1A	24/11/2018	Mid-Ebb	Fine	Moderate	10:38	28	M	14	2	9	9	9	0.08	0.08	0.07	0.003	0.003	0.003	0.08	0.16	0.09	0.33	0.33	0.32	44	50	15	<0.5	0.50	0.50	<1	1	1
C1A	24/11/2018	Mid-Ebb	Fine	Moderate	10:38	28	M	14	3										0.07	0.17	0.09	0.33											
C1A	24/11/2018	Mid-Ebb	Fine	Moderate	10:38	28	B	27	1	9			0.07			0.003			0.07	0.16	0.09	0.32			ND			<0.5			<1		
C1A	24/11/2018	Mid-Ebb	Fine	Moderate	10:38	28	B	27	2	10	10		0.07	0.07		0.003	0.003		0.07	0.15	0.09	0.31	0.32		ND	1		<0.5	0.50		<1	1	
C1A	24/11/2018	Mid-Ebb	Fine	Moderate	10:38	28	B	27	3										0.07	0.17	0.08	0.32											
C2A	24/11/2018	Mid-Ebb	Fine	Moderate	13:19	13	S	1	1	9			0.15			0.005			0.15	0.11	0.09	0.35			210			<0.5			<1		
C2A	24/11/2018	Mid-Ebb	Fine	Moderate	13:19	13	S	1	2	9	9		0.19	0.17		0.007	0.006		0.19	0.11	0.08	0.38	0.37		200	205		<0.5	0.50		<1	1	
C2A	24/11/2018	Mid-Ebb	Fine	Moderate	13:19	13	S	1	3										0.19	0.12	0.08	0.39											
C2A	24/11/2018	Mid-Ebb	Fine	Moderate	13:19	13	M	6.5	1	14			0.20			0.007			0.20	0.13	0.08	0.41			160			<0.5			<1		
C2A	24/11/2018	Mid-Ebb	Fine	Moderate	13:19	13	M	6.5	2	13	13	12	0.18	0.19	0.18	0.007	0.007	0.006	0.18	0.12	0.09	0.39	0.40	0.39	150	155	166	<0.5	0.50	0.50	<1	1	1
C2A	24/11/2018	Mid-Ebb	Fine	Moderate	13:19	13	M	6.5	3										0.20	0.11	0.09	0.40											
C2A	24/11/2018	Mid-Ebb	Fine	Moderate	13:19	13	B	12	1	12			0.17			0.006			0.17	0.10	0.10	0.37			160			<0.5			<1		
C2A	24/11/2018	Mid-Ebb	Fine	Moderate	13:19	13	B	12	2	13	13		0.19	0.18		0.007	0.007		0.19	0.13	0.09	0.41	0.38		130	144		<0.5	0.50		<1	1	
C2A	24/11/2018	Mid-Ebb	Fine	Moderate	13:19	13	B	12	3										0.17	0.12	0.08	0.37											
G2	24/11/2018	Mid-Ebb	Fine	Moderate	11:37	12	S	1	1	9			NA			NA			0.07	0.17	0.12	0.36			NA			NA			NA		
G2	24/11/2018	Mid-Ebb	Fine	Moderate	11:37	12	S	1	2	9	9		NA	NA		NA	NA		0.05	0.17	0.12	0.34	0.35		NA	NA		NA	NA		NA	NA	
G2	24/11/2018	Mid-Ebb	Fine	Moderate	11:37	12	S	1	3										0.09	0.17	0.10	0.36											
G2	24/11/2018	Mid-Ebb	Fine	Moderate	11:37	12	M	6	1	11			NA			NA			0.04	0.17	0.12	0.33			NA			NA			NA		
G2	24/11/2018	Mid-Ebb	Fine	Moderate	11:37	12	M	6	2	10	10	10	NA	NA	NA	NA	NA	NA	0.05	0.16	0.12	0.33	0.33	0.35	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	24/11/2018	Mid-Ebb	Fine	Moderate	11:37	12	M	6	3										0.05	0.17	0.12	0.34											
G2	24/11/2018	Mid-Ebb	Fine	Moderate	11:37	12	B	11	1	10			NA			NA			0.06	0.16	0.12	0.34			NA			NA			NA		
G2	24/11/2018	Mid-Ebb	Fine	Moderate	11:37	12	B	11	2	11	11		NA	NA		NA	NA		0.08	0.17	0.12	0.37	0.36		NA	NA		NA	NA		NA	NA	
G2	24/11/2018	Mid-Ebb	Fine	Moderate	11:37	12	B	11	3										0.09	0.17	0.11	0.37											
SR2	24/11/2018	Mid-Ebb	Fine	Moderate	11:26	9	S	1	1	6			0.07			0.003			NA	NA	NA	NA			NA			NA			NA		
SR2	24/11/2018	Mid-Ebb	Fine	Moderate	11:26	9	S	1	2	6	6		0.07	0.07		0.003	0.003		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	24/11/2018	Mid-Ebb	Fine	Moderate	11:26	9	S	1	3										NA	NA	NA	NA											
SR2	24/11/2018	Mid-Ebb	Fine	Moderate	11:26	9	M	4.5	1	4			0.08			0.003			NA	NA	NA	NA			NA			NA			NA		
SR2	24/11/2018	Mid-Ebb	Fine	Moderate	11:26	9	M	4.5	2	5	4	5	0.07	0.08	0.07	0.003	0.003	0.003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	24/11/2018	Mid-Ebb	Fine	Moderate	11:26	9	M	4.5	3										NA	NA	NA	NA											
SR2	24/11/2018	Mid-Ebb	Fine	Moderate	11:26	9	B	8	1	5			0.06			0.002			NA	NA	NA	NA			NA			NA			NA		
SR2	24/11/2018	Mid-Ebb	Fine	Moderate	11:26	9	B	8	2	5	5		0.06	0.06		0.002	0.002		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	24/11/2018	Mid-Ebb	Fine	Moderate	11:26	9	B	8	3										NA	NA	NA	NA											
SR3	24/11/2018	Mid-Ebb	Fine	Moderate	11:50	8	S	1	1	12			0.14			0.005			NA	NA	NA	NA			NA			NA			NA		
SR3	24/11/2018	Mid-Ebb	Fine	Moderate	11:50	8	S	1	2	12	12		0.19	0.17		0.007	0.006		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	24/11/2018	Mid-Ebb	Fine	Moderate	11:50	8	S	1	3										NA	NA	NA	NA											
SR3	24/11/2018	Mid-Ebb	Fine	Moderate	11:50	8	M	4	1	15			0.19			0.007			NA	NA	NA	NA			NA			NA			NA		
SR3	24/11/2018	Mid-Ebb	Fine	Moderate	11:50	8	M	4	2	13	14	13	0.18	0.19	0.18	0.006	0.006	0.006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	24/11/2018	Mid-Ebb	Fine	Moderate	11:50	8	M	4	3										NA	NA	NA	NA											
SR3	24/11/2018	Mid-Ebb	Fine	Moderate	11:50	8	B	7	1	15			0.18			0.006			NA	NA	NA	NA			NA			NA			NA		
SR3	24/11/2018	Mid-Ebb	Fine	Moderate	11:50	8	B	7	2	14	14		0.17	0.18		0.006	0.006		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	24/11/2018	Mid-Ebb	Fine	Moderate	11:50	8	B	7	3										NA	NA	NA	NA											
SR4	24/11/2018	Mid-Ebb	Fine	Moderate	12:08	4	S	1	1	8			0.12			0.004			NA	NA	NA	NA			160			<0.5			<1		
SR4	24/11/2018	Mid-Ebb	Fine	Moderate	12:08	4	S	1	2	6	7		0.11	0.12		0.004	0.004		NA	NA	NA	NA	NA		140	150		<0.5	0.50		<1	1	
SR4	24/11/2018	Mid-Ebb	Fine	Moderate	12:08	4	S	1	3										NA	NA	NA	NA											
SR4	24/11/2018	Mid-Ebb	Fine	Moderate	12:08	4	M		1										NA	NA	NA	NA											
SR4	24/11/2018	Mid-Ebb	Fine	Moderate	12:08	4	M		2		NA	7		NA	0.12		NA	0.004	NA	NA	NA	NA	NA	NA		NA	155		NA	0.50		NA	1
SR4	24/11/2018	Mid-Ebb	Fine	Moderate	12:08	4	M		3										NA	NA	NA	NA											
SR4	24/11/2018	Mid-Ebb	Fine	Moderate	12:08	4	B	3	1	6			0.12			0.004			NA	NA	NA	NA			200			<0.5			<1		
SR4	24/11/2018	Mid-Ebb	Fine	Moderate	12:08	4	B	3	2	8	7		0.11	0.12		0.004	0.004		NA	NA	NA	NA	NA		130	161		<0.5	0.50		<1	1	
SR4	24/11/2018	Mid-Ebb	Fine	Moderate	12:08	4	B	3	3										NA	NA	NA	NA											

Impact Monitoring Data

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.
SR5	24/11/2018	Mid-Ebb	Fine	Moderate	11:02	11	S	1	1	8			NA			NA			0.06	0.18	0.11	0.35			NA			NA			NA		
SR5	24/11/2018	Mid-Ebb	Fine	Moderate	11:02	11	S	1	2	9	8		NA	NA		NA	NA		0.05	0.18	0.12	0.35	0.35		NA	NA		NA	NA		NA	NA	
SR5	24/11/2018	Mid-Ebb	Fine	Moderate	11:02	11	S	1	3										0.06	0.17	0.12	0.35											
SR5	24/11/2018	Mid-Ebb	Fine	Moderate	11:02	11	M	5.5	1	8			NA			NA			0.05	0.18	0.11	0.34			NA			NA			NA		
SR5	24/11/2018	Mid-Ebb	Fine	Moderate	11:02	11	M	5.5	2	8	8	8	NA	NA	NA	NA	NA	NA	0.04	0.17	0.12	0.33	0.34	0.34	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	24/11/2018	Mid-Ebb	Fine	Moderate	11:02	11	M	5.5	3										0.05	0.18	0.12	0.35											
SR5	24/11/2018	Mid-Ebb	Fine	Moderate	11:02	11	B	10	1	8			NA			NA			0.04	0.18	0.12	0.34			NA			NA			NA		
SR5	24/11/2018	Mid-Ebb	Fine	Moderate	11:02	11	B	10	2	8	8		NA	NA		NA	NA		0.04	0.17	0.13	0.34	0.34		NA	NA		NA	NA		NA	NA	
SR5	24/11/2018	Mid-Ebb	Fine	Moderate	11:02	11	B	10	3										0.04	0.18	0.12	0.34											
SR12	24/11/2018	Mid-Ebb	Fine	Moderate	12:30	15	S	1	1	8			0.13			0.005			NA	NA	NA	NA			160			<0.5			<1		
SR12	24/11/2018	Mid-Ebb	Fine	Moderate	12:30	15	S	1	2	8	8		0.14	0.14		0.005	0.005		NA	NA	NA	NA	NA		120	139		<0.5	0.50		<1	1	
SR12	24/11/2018	Mid-Ebb	Fine	Moderate	12:30	15	S	1	3										NA	NA	NA	NA											
SR12	24/11/2018	Mid-Ebb	Fine	Moderate	12:30	15	M	7.5	1	8			0.15			0.005			NA	NA	NA	NA			160			<0.5			<1		
SR12	24/11/2018	Mid-Ebb	Fine	Moderate	12:30	15	M	7.5	2	8	8	8	0.14	0.15	0.14	0.005	0.005	0.005	NA	NA	NA	NA	NA	NA	210	183	161	<0.5	0.50	0.50	<1	1	1
SR12	24/11/2018	Mid-Ebb	Fine	Moderate	12:30	15	M	7.5	3										NA	NA	NA	NA											
SR12	24/11/2018	Mid-Ebb	Fine	Moderate	12:30	15	B	14	1	9			0.13			0.005			NA	NA	NA	NA			210			<0.5			<1		
SR12	24/11/2018	Mid-Ebb	Fine	Moderate	12:30	15	B	14	2	9	9		0.12	0.13		0.004	0.005		NA	NA	NA	NA	NA		130	165		<0.5	0.50		<1	1	
SR12	24/11/2018	Mid-Ebb	Fine	Moderate	12:30	15	B	14	3										NA	NA	NA	NA											
SR13	24/11/2018	Mid-Ebb	Fine	Moderate	12:51	14	S	1	1	8			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	24/11/2018	Mid-Ebb	Fine	Moderate	12:51	14	S	1	2	7	7		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	24/11/2018	Mid-Ebb	Fine	Moderate	12:51	14	S	1	3										NA	NA	NA	NA											
SR13	24/11/2018	Mid-Ebb	Fine	Moderate	12:51	14	M	7	1	10			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	24/11/2018	Mid-Ebb	Fine	Moderate	12:51	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	24/11/2018	Mid-Ebb	Fine	Moderate	12:51	14	M	7	3										NA	NA	NA	NA											
SR13	24/11/2018	Mid-Ebb	Fine	Moderate	12:51	14	B	13	1	15			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	24/11/2018	Mid-Ebb	Fine	Moderate	12:51	14	B	13	2	14	14		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	24/11/2018	Mid-Ebb	Fine	Moderate	12:51	14	B	13	3										NA	NA	NA	NA											

Note: 1. Depth Ave.: (Except E.coli) "Depth-averaged" is calculated by taking the arithmetic means for the reading of the surface, middle and bottom depths
2. ND: Not Detected
3. Depth Averaged of E.coli is calculated by taking geometric mean of the readings of the surface, middle and bottom, all ND sample results (<1) for E.coli is regarded as 1 in 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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.						
C1A	27/11/2018	Mid-Flood	Fine	Moderate	10:37	28	S	1	1	7.99		31.93		21.84		87.8		6.40			6.3			0.04			0.001			0.04	0.38	0.07	0.49		
C1A	27/11/2018	Mid-Flood	Fine	Moderate	10:37	28	S	1	2	7.99	7.99	31.94	31.94	21.83	21.84	88.2	88.0	6.43	6.42		6.6	6.5		0.04	0.04		0.001	0.001		0.04	0.38	0.07	0.49	0.49	
C1A	27/11/2018	Mid-Flood	Fine	Moderate	10:37	28	S	1	3																					0.04	0.38	0.07	0.49		
C1A	27/11/2018	Mid-Flood	Fine	Moderate	10:37	28	M	14	1	8.02		31.99		21.80		84.6		6.17		6.28	8.2			0.04			0.001			0.04	0.23	0.08	0.35		
C1A	27/11/2018	Mid-Flood	Fine	Moderate	10:37	28	M	14	2	8.02	8.02	31.99	31.99	21.79	21.80	84.0	84.3	6.13	6.15		8.5	8.4	8.0	0.04	0.04	0.04	0.001	0.001	0.002	0.04	0.23	0.08	0.35	0.35	0.39
C1A	27/11/2018	Mid-Flood	Fine	Moderate	10:37	28	M	14	3																					0.04	0.23	0.08	0.35		
C1A	27/11/2018	Mid-Flood	Fine	Moderate	10:37	28	B	27	1	8.03		32.22		21.77		82.5		6.02			9.0			0.05			0.002			0.05	0.22	0.06	0.33		
C1A	27/11/2018	Mid-Flood	Fine	Moderate	10:37	28	B	27	2	8.03	8.03	32.23	32.23	21.75	21.76	80.3	81.4	5.86	5.94		9.3	9.2		0.05	0.05		0.002	0.002		0.05	0.22	0.06	0.33	0.33	
C1A	27/11/2018	Mid-Flood	Fine	Moderate	10:37	28	B	27	3																					0.05	0.23	0.06	0.34		
C2A	27/11/2018	Mid-Flood	Fine	Moderate	7:45	13	S	1	1	7.97		32.40		21.92		83.0		6.02			5.2			0.26			0.008			0.26	0.16	0.09	0.51		
C2A	27/11/2018	Mid-Flood	Fine	Moderate	7:45	13	S	1	2	7.96	7.97	32.39	32.40	21.91	21.92	84.3	83.7	6.10	6.06		4.8	5.0		0.26	0.26		0.008	0.008		0.26	0.16	0.10	0.52	0.52	
C2A	27/11/2018	Mid-Flood	Fine	Moderate	7:45	13	S	1	3																					0.26	0.16	0.10	0.52		
C2A	27/11/2018	Mid-Flood	Fine	Moderate	7:45	13	M	6.5	1	7.96		32.36		21.86		82.2		5.97		6.01	5.8			0.13			0.004			0.13	0.20	0.10	0.43		
C2A	27/11/2018	Mid-Flood	Fine	Moderate	7:45	13	M	6.5	2	7.96	7.96	32.35	32.36	21.86	21.86	81.8	82.0	5.94	5.96		6.1	6.0	5.7	0.13	0.13	0.18	0.004	0.004	0.006	0.13	0.22	0.10	0.45	0.44	0.50
C2A	27/11/2018	Mid-Flood	Fine	Moderate	7:45	13	M	6.5	3																					0.13	0.22	0.10	0.45		
C2A	27/11/2018	Mid-Flood	Fine	Moderate	7:45	13	B	12	1	7.95		32.50		21.75		81.2		5.89			6.3			0.16			0.005			0.16	0.26	0.11	0.53		
C2A	27/11/2018	Mid-Flood	Fine	Moderate	7:45	13	B	12	2	7.96	7.96	32.49	32.50	21.73	21.74	81.7	81.5	5.93	5.91		6.0	6.2		0.16	0.16		0.005	0.005		0.16	0.26	0.11	0.53	0.53	
C2A	27/11/2018	Mid-Flood	Fine	Moderate	7:45	13	B	12	3																					0.16	0.27	0.11	0.54		
G2	27/11/2018	Mid-Flood	Fine	Moderate	9:36	12	S	1	1	8.02		31.78		21.87		89.3		6.30			7.7			NA			NA			0.04	0.19	0.10	0.33		
G2	27/11/2018	Mid-Flood	Fine	Moderate	9:36	12	S	1	2	8.01	8.02	31.79	31.79	21.86	21.87	88.7	89.0	6.70	6.50		7.6	7.7		NA	NA		NA	NA		0.04	0.19	0.10	0.33	0.33	
G2	27/11/2018	Mid-Flood	Fine	Moderate	9:36	12	S	1	3																					0.04	0.19	0.10	0.33		
G2	27/11/2018	Mid-Flood	Fine	Moderate	9:36	12	M	6	1	8.02		31.86		21.83		85.4		7.80		7.05	7.7			NA			NA			0.05	0.39	0.08	0.52		
G2	27/11/2018	Mid-Flood	Fine	Moderate	9:36	12	M	6	2	8.02	8.02	31.87	31.87	21.82	21.83	84.3	84.9	7.40	7.60		7.7	7.7	8.4	NA	NA	NA	NA	NA	NA	0.05	0.39	0.08	0.52	0.52	0.46
G2	27/11/2018	Mid-Flood	Fine	Moderate	9:36	12	M	6	3																					0.05	0.39	0.08	0.52		
G2	27/11/2018	Mid-Flood	Fine	Moderate	9:36	12	B	11	1	8.01		32.01		21.78		83.2		9.20			9.7			NA			NA			0.05	0.39	0.08	0.52		
G2	27/11/2018	Mid-Flood	Fine	Moderate	9:36	12	B	11	2	8.01	8.01	32.02	32.02	21.76	21.77	82.8	83.0	9.70	9.45		9.7	9.7		NA	NA		NA	NA		0.05	0.39	0.08	0.52	0.52	
G2	27/11/2018	Mid-Flood	Fine	Moderate	9:36	12	B	11	3																					0.05	0.39	0.08	0.52		
SR2	27/11/2018	Mid-Flood	Fine	Moderate	9:45	9	S	1	1	8.03		31.75		21.86		87.7		6.40			6.2			0.03			0.001			NA	NA	NA	NA		
SR2	27/11/2018	Mid-Flood	Fine	Moderate	9:45	9	S	1	2	8.03	8.03	31.75	31.75	21.87	21.87	87.6	87.7	6.32	6.36		6.3	6.3		0.03	0.03		0.001	0.001		NA	NA	NA	NA	NA	
SR2	27/11/2018	Mid-Flood	Fine	Moderate	9:45	9	S	1	3																					NA	NA	NA	NA		
SR2	27/11/2018	Mid-Flood	Fine	Moderate	9:45	9	M	4.5	1	8.02		31.79		21.82		84.9		6.03		6.24	6.5			0.04			0.001			NA	NA	NA	NA		
SR2	27/11/2018	Mid-Flood	Fine	Moderate	9:45	9	M	4.5	2	8.02	8.02	31.78	31.79	21.80	21.81	82.8	83.9	6.20	6.12		6.4	6.5	6.6	0.04	0.04	0.03	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA
SR2	27/11/2018	Mid-Flood	Fine	Moderate	9:45	9	M	4.5	3																					NA	NA	NA	NA		
SR2	27/11/2018	Mid-Flood	Fine	Moderate	9:45	9	B	8	1	8.03		31.88		21.72		70.3		5.12			7.1			0.03			0.001			NA	NA	NA	NA		
SR2	27/11/2018	Mid-Flood	Fine	Moderate	9:45	9	B	8	2	8.03	8.03	31.89	31.89	21.74	21.73	72.9	71.6	5.32	5.22		7.1	7.1		0.03	0.03		0.001	0.001		NA	NA	NA	NA	NA	
SR2	27/11/2018	Mid-Flood	Fine	Moderate	9:45	9	B	8	3																					NA	NA	NA	NA		
SR3	27/11/2018	Mid-Flood	Fine	Moderate	9:21	8	S	1	1	7.99		32.04		21.93		87.9		6.38			5.2			0.05			0.002			NA	NA	NA	NA		
SR3	27/11/2018	Mid-Flood	Fine	Moderate	9:21	8	S	1	2	7.99	7.99	32.05	32.05	21.92	21.93	88.2	88.1	6.43	6.41		5.5	5.4		0.05	0.05		0.002	0.002		NA	NA	NA	NA	NA	
SR3	27/11/2018	Mid-Flood	Fine	Moderate	9:21	8	S	1	3																					NA	NA	NA	NA		
SR3	27/11/2018	Mid-Flood	Fine	Moderate	9:21	8	M	4	1	8.01		32.21		21.88		84.6		6.14		6.24	6.5			0.05			0.002			NA	NA	NA	NA		
SR3	27/11/2018	Mid-Flood	Fine	Moderate	9:21	8	M	4	2	8.00	8.01	32.20	32.21	21.88	21.88	83.7	84.2	6.02	6.08		6.4	6.5	6.5	0.05	0.05	0.05	0.002	0.002	0.002	NA	NA	NA	NA	NA	NA
SR3	27/11/2018	Mid-Flood	Fine	Moderate	9:21	8	M	4	3																					NA	NA	NA	NA		
SR3	27/11/2018	Mid-Flood	Fine	Moderate	9:21	8	B	7	1	8.02		32.30		21.7		82.5		5.97			7.7			0.05			0.002			NA	NA	NA	NA		
SR3	27/11/2018	Mid-Flood	Fine	Moderate	9:21	8	B	7	2	8.02	8.02	32.31	32.31	21.7	21.71	81.6	82.1	5.84	5.91		7.9	7.8		0.05	0.05		0.002	0.002		NA	NA	NA	NA	NA	
SR3	27/11/2018	Mid-Flood	Fine	Moderate	9:21	8	B	7	3																					NA	NA	NA	NA		
SR4	27/11/2018	Mid-Flood	Fine	Moderate	8:55	4	S	1	1	7.99		32.26		22.02		83.5		6.05			7.3			0.10			0.003			NA	NA	NA	NA		
SR4	27/11/2018	Mid-Flood	Fine	Moderate	8:55	4	S	1	2	7.99	7.99	32.27	32.27	22.03	22.03	84.2	83.9	6.17	6.11		7.0	7.2		0.10	0.10		0.003	0.003		NA	NA	NA	NA	NA	
SR4	27/11/2018	Mid-Flood	Fine	Moderate	8:55	4	S	1	3																					NA	NA	NA	NA		
SR4	27/11/2018	Mid-Flood	Fine	Moderate	8:55		M		1											6.11										NA	NA	NA	NA		
SR4	27/11/2018	Mid-Flood	Fine	Moderate	8:55		M		2		NA		NA		NA		NA		NA			NA	7.8		NA	0.11		NA	0.004	NA	NA	NA	NA	NA	NA
SR4	27/11/2018	Mid-Flood	Fine	Moderate	8:55		M		3																					NA	NA	NA	NA		
SR4	27/11/2018	Mid-Flood	Fine	Moderate	8:55	4	B	3	1	7.98		32.31		21.87		80.0		5.80			8.5			0.12			0.004			NA	NA	NA	NA		
SR4	27/11/2018	Mid-Flood	Fine	Moderate	8:55	4	B	3	2	7.98	7.98	32.30	32.31	21.86	21.87	81.3	80.7	5.91	5.86		8.2	8.4		0.12	0.12		0.004	0.004		NA	NA	NA	NA	NA	
SR4	27/11/2018	Mid-Flood	Fine	Moderate	8:55	4	B	3	3																					NA	NA	NA	NA		

Impact Monitoring Data

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																								TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)												
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.										
SR5	27/11/2018	Mid-Flood	Fine	Moderate	10:12	11	S	1	1	8.02		31.96		21.89		85.5		6.22			6.3			NA			NA			0.04	0.22	0.16	0.42						
SR5	27/11/2018	Mid-Flood	Fine	Moderate	10:12	11	S	1	2	8.02	8.02	31.99	31.98	21.89	21.89	85.7	85.6	6.40	6.31		6.4	6.4		NA	NA		NA	NA		0.04	0.23	0.16	0.43	0.43				
SR5	27/11/2018	Mid-Flood	Fine	Moderate	10:12	11	S	1	3											6.20										0.04	0.23	0.16	0.43					
SR5	27/11/2018	Mid-Flood	Fine	Moderate	10:12	11	M	5.5	1	8.03		32.10		21.78		84.2		6.14			6.7			NA			NA			0.05	0.28	0.11	0.44					
SR5	27/11/2018	Mid-Flood	Fine	Moderate	10:12	11	M	5.5	2	8.03	8.03	32.09	32.10	21.80	21.79	82.4	83.3	6.02	6.08		6.8	6.8	6.6	NA	NA	NA	NA	NA	NA	0.05	0.28	0.11	0.44	0.44	0.45			
SR5	27/11/2018	Mid-Flood	Fine	Moderate	10:12	11	M	5.5	3																					0.05	0.28	0.11	0.44					
SR5	27/11/2018	Mid-Flood	Fine	Moderate	10:12	11	B	10	1	8.02		32.16		21.70		80.4		5.86			6.5			NA			NA			0.04	0.37	0.06	0.47					
SR5	27/11/2018	Mid-Flood	Fine	Moderate	10:12	11	B	10	2	8.02	8.02	32.17	32.17	21.68	21.69	78.7	79.6	5.74	5.80		6.6	6.6		NA	NA		NA	NA		0.04	0.37	0.06	0.47	0.47				
SR5	27/11/2018	Mid-Flood	Fine	Moderate	10:12	11	B	10	3																					0.04	0.37	0.06	0.47					
SR12	27/11/2018	Mid-Flood	Fine	Moderate	8:36	15	S	1	1	7.97		32.38		22.05		82.8		5.99			7.3			0.14			0.005			NA	NA	NA	NA					
SR12	27/11/2018	Mid-Flood	Fine	Moderate	8:36	15	S	1	2	7.98	7.98	32.39	32.39	22.03	22.04	83.4	83.1	6.04	6.02		7.0	7.2		0.15	0.15		0.005	0.005		NA	NA	NA	NA	NA				
SR12	27/11/2018	Mid-Flood	Fine	Moderate	8:36	15	S	1	3											5.91										NA	NA	NA	NA					
SR12	27/11/2018	Mid-Flood	Fine	Moderate	8:36	15	M	7.5	1	7.99		32.45		21.92		79.7		5.78			7.9			0.17			0.006			NA	NA	NA	NA					
SR12	27/11/2018	Mid-Flood	Fine	Moderate	8:36	15	M	7.5	2	7.99	7.99	32.47	32.46	21.90	21.91	80.3	80.0	5.84	5.81		8.2	8.1	8.1	0.16	0.17	0.16	0.005	0.006	0.005	NA	NA	NA	NA	NA	NA			
SR12	27/11/2018	Mid-Flood	Fine	Moderate	8:36	15	M	7.5	3																					NA	NA	NA	NA					
SR12	27/11/2018	Mid-Flood	Fine	Moderate	8:36	15	B	14	1	7.98		32.69		21.88		79.3		5.74			9.3			0.16			0.005			NA	NA	NA	NA					
SR12	27/11/2018	Mid-Flood	Fine	Moderate	8:36	15	B	14	2	7.99	7.99	32.70	32.70	21.87	21.88	78.7	79.0	5.68	5.71		8.8	9.1		0.16	0.16		0.005	0.005		NA	NA	NA	NA	NA				
SR12	27/11/2018	Mid-Flood	Fine	Moderate	8:36	15	B	14	3																					NA	NA	NA	NA					
SR13	27/11/2018	Mid-Flood	Fine	Moderate	8:11	14	S	1	1	7.97		32.37		22.05		83.6		6.06			5.1			NA			NA			NA	NA	NA	NA					
SR13	27/11/2018	Mid-Flood	Fine	Moderate	8:11	14	S	1	2	7.97	7.97	32.38	32.38	22.04	22.05	84.5	84.1	6.14	6.10		5.4	5.3		NA	NA		NA	NA		NA	NA	NA	NA	NA				
SR13	27/11/2018	Mid-Flood	Fine	Moderate	8:11	14	S	1	3											5.93										NA	NA	NA	NA					
SR13	27/11/2018	Mid-Flood	Fine	Moderate	8:11	14	M	7	1	7.96		32.35		21.96		80.2		5.81			5.7			NA			NA			NA	NA	NA	NA					
SR13	27/11/2018	Mid-Flood	Fine	Moderate	8:11	14	M	7	2	7.97	7.97	32.36	32.36	21.95	21.96	78.9	79.6	5.69	5.75		6.0	5.9	6.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
SR13	27/11/2018	Mid-Flood	Fine	Moderate	8:11	14	M	7	3																					NA	NA	NA	NA					
SR13	27/11/2018	Mid-Flood	Fine	Moderate	8:11	14	B	13	1	7.97		32.71		21.82		78.5		5.66			6.8			NA			NA			NA	NA	NA	NA					
SR13	27/11/2018	Mid-Flood	Fine	Moderate	8:11	14	B	13	2	7.97	7.97	32.69	32.70	21.80	21.81	78.0	78.3	5.61	5.64		7.2	7.0		NA	NA		NA	NA		NA	NA	NA	NA	NA				
SR13	27/11/2018	Mid-Flood	Fine	Moderate	8:11	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
1 in calculating the geometric mean.

Impact Monitoring Data

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	27/11/2018	Mid-Flood	Fine	Moderate	10:37	28	S	1	1	14			0.03			0.001			0.03	0.23	0.12	0.38			14			NA			2		
C1A	27/11/2018	Mid-Flood	Fine	Moderate	10:37	28	S	1	2	15	14		0.04	0.04		0.001	0.001		0.04	0.24	0.12	0.40	0.39		23	18		NA	NA		2	2	
C1A	27/11/2018	Mid-Flood	Fine	Moderate	10:37	28	S	1	3										0.04	0.23	0.12	0.39											
C1A	27/11/2018	Mid-Flood	Fine	Moderate	10:37	28	M	14	1	15			0.04			0.001			0.04	0.24	0.11	0.39			9			NA			1		
C1A	27/11/2018	Mid-Flood	Fine	Moderate	10:37	28	M	14	2	14	14	14	0.04	0.04	0.04	0.001	0.001	0.001	0.04	0.23	0.12	0.39	0.39	0.39	14	11	7	NA	NA	NA	2	2	2
C1A	27/11/2018	Mid-Flood	Fine	Moderate	10:37	28	M	14	3										0.04	0.23	0.12	0.39											
C1A	27/11/2018	Mid-Flood	Fine	Moderate	10:37	28	B	27	1	13			0.04			0.001			0.04	0.23	0.12	0.39			ND			NA			<1		
C1A	27/11/2018	Mid-Flood	Fine	Moderate	10:37	28	B	27	2	12	13		0.03	0.04		0.001	0.001		0.03	0.23	0.12	0.38	0.38		2	1		NA	NA		<1	1	
C1A	27/11/2018	Mid-Flood	Fine	Moderate	10:37	28	B	27	3										0.04	0.22	0.12	0.38											
C2A	27/11/2018	Mid-Flood	Fine	Moderate	7:45	13	S	1	1	3			0.20			0.006			0.20	0.13	0.09	0.42			10			NA			1		
C2A	27/11/2018	Mid-Flood	Fine	Moderate	7:45	13	S	1	2	4	4		0.28	0.24		0.009	0.008		0.28	0.13	0.09	0.50	0.45		16	13		NA	NA		2	2	
C2A	27/11/2018	Mid-Flood	Fine	Moderate	7:45	13	S	1	3										0.21	0.13	0.09	0.43											
C2A	27/11/2018	Mid-Flood	Fine	Moderate	7:45	13	M	6.5	1	6			0.22			0.007			0.22	0.13	0.09	0.44			33			NA			2		
C2A	27/11/2018	Mid-Flood	Fine	Moderate	7:45	13	M	6.5	2	6	6	5	0.22	0.22	0.23	0.007	0.007	0.007	0.22	0.13	0.09	0.44	0.44	0.44	39	36	17	NA	NA	NA	3	3	2
C2A	27/11/2018	Mid-Flood	Fine	Moderate	7:45	13	M	6.5	3										0.22	0.13	0.09	0.44											
C2A	27/11/2018	Mid-Flood	Fine	Moderate	7:45	13	B	12	1	5			0.21			0.007			0.21	0.13	0.09	0.43			14			NA			2		
C2A	27/11/2018	Mid-Flood	Fine	Moderate	7:45	13	B	12	2	5	5		0.22	0.22		0.007	0.007		0.22	0.13	0.09	0.44	0.44		8	11		NA	NA		2	2	
C2A	27/11/2018	Mid-Flood	Fine	Moderate	7:45	13	B	12	3										0.23	0.13	0.09	0.45											
G2	27/11/2018	Mid-Flood	Fine	Moderate	9:36	12	S	1	1	8			NA			NA			0.05	0.23	0.12	0.40			NA			NA			NA		
G2	27/11/2018	Mid-Flood	Fine	Moderate	9:36	12	S	1	2	8	8		NA	NA		NA	NA		0.05	0.24	0.12	0.41	0.41		NA	NA		NA	NA		NA	NA	
G2	27/11/2018	Mid-Flood	Fine	Moderate	9:36	12	S	1	3										0.05	0.24	0.12	0.41											
G2	27/11/2018	Mid-Flood	Fine	Moderate	9:36	12	M	6	1	8			NA			NA			0.05	0.23	0.12	0.40			NA			NA			NA		
G2	27/11/2018	Mid-Flood	Fine	Moderate	9:36	12	M	6	2	9	9	8	NA	NA	NA	NA	NA	NA	0.06	0.23	0.12	0.41	0.40	0.40	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	27/11/2018	Mid-Flood	Fine	Moderate	9:36	12	M	6	3										0.05	0.23	0.12	0.40											
G2	27/11/2018	Mid-Flood	Fine	Moderate	9:36	12	B	11	1	8			NA			NA			0.04	0.23	0.12	0.39			NA			NA			NA		
G2	27/11/2018	Mid-Flood	Fine	Moderate	9:36	12	B	11	2	7	7		NA	NA		NA	NA		0.04	0.23	0.12	0.39	0.39		NA	NA		NA	NA		NA	NA	
G2	27/11/2018	Mid-Flood	Fine	Moderate	9:36	12	B	11	3										0.04	0.23	0.12	0.39											
SR2	27/11/2018	Mid-Flood	Fine	Moderate	9:45	9	S	1	1	8			0.02			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	27/11/2018	Mid-Flood	Fine	Moderate	9:45	9	S	1	2	7	8		0.02	0.02		0.001	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	27/11/2018	Mid-Flood	Fine	Moderate	9:45	9	S	1	3										NA	NA	NA	NA											
SR2	27/11/2018	Mid-Flood	Fine	Moderate	9:45	9	M	4.5	1	8			0.02			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	27/11/2018	Mid-Flood	Fine	Moderate	9:45	9	M	4.5	2	7	7	7	0.02	0.02	0.02	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	27/11/2018	Mid-Flood	Fine	Moderate	9:45	9	M	4.5	3										NA	NA	NA	NA											
SR2	27/11/2018	Mid-Flood	Fine	Moderate	9:45	9	B	8	1	7			0.02			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	27/11/2018	Mid-Flood	Fine	Moderate	9:45	9	B	8	2	6	6		0.02	0.02		0.001	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	27/11/2018	Mid-Flood	Fine	Moderate	9:45	9	B	8	3										NA	NA	NA	NA											
SR3	27/11/2018	Mid-Flood	Fine	Moderate	9:21	8	S	1	1	6			0.04			0.001			NA	NA	NA	NA			NA			NA			NA		
SR3	27/11/2018	Mid-Flood	Fine	Moderate	9:21	8	S	1	2	7	7		0.04	0.04		0.001	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	27/11/2018	Mid-Flood	Fine	Moderate	9:21	8	S	1	3										NA	NA	NA	NA											
SR3	27/11/2018	Mid-Flood	Fine	Moderate	9:21	8	M	4	1	6			0.04			0.001			NA	NA	NA	NA			NA			NA			NA		
SR3	27/11/2018	Mid-Flood	Fine	Moderate	9:21	8	M	4	2	5	6	6	0.05	0.05	0.04	0.002	0.002	0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	27/11/2018	Mid-Flood	Fine	Moderate	9:21	8	M	4	3										NA	NA	NA	NA											
SR3	27/11/2018	Mid-Flood	Fine	Moderate	9:21	8	B	7	1	5			0.04			0.001			NA	NA	NA	NA			NA			NA			NA		
SR3	27/11/2018	Mid-Flood	Fine	Moderate	9:21	8	B	7	2	6	6		0.04	0.04		0.001	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	27/11/2018	Mid-Flood	Fine	Moderate	9:21	8	B	7	3										NA	NA	NA	NA											
SR4	27/11/2018	Mid-Flood	Fine	Moderate	8:55	4	S	1	1	9			0.11			0.004			NA	NA	NA	NA			140			NA			<1		
SR4	27/11/2018	Mid-Flood	Fine	Moderate	8:55	4	S	1	2	10	10		0.11	0.11		0.004	0.004		NA	NA	NA	NA	NA		100	118		NA	NA		<1	1	
SR4	27/11/2018	Mid-Flood	Fine	Moderate	8:55	4	S	1	3										NA	NA	NA	NA											
SR4	27/11/2018	Mid-Flood	Fine	Moderate	8:55		M		1										NA	NA	NA	NA						NA					
SR4	27/11/2018	Mid-Flood	Fine	Moderate	8:55		M		2		NA	9		NA	0.11		NA	0.004	NA	NA	NA	NA	NA	NA		NA	108	NA	NA	NA		NA	1
SR4	27/11/2018	Mid-Flood	Fine	Moderate	8:55		M		3										NA	NA	NA	NA											
SR4	27/11/2018	Mid-Flood	Fine	Moderate	8:55	4	B	3	1	9			0.11			0.004			NA	NA	NA	NA			120			NA			<1		
SR4	27/11/2018	Mid-Flood	Fine	Moderate	8:55	4	B	3	2	8	9		0.10	0.11		0.003	0.004		NA	NA	NA	NA	NA		80	98		NA	NA		1	1	
SR4	27/11/2018	Mid-Flood	Fine	Moderate	8:55	4	B	3	3										NA	NA	NA	NA											

Impact Monitoring Data

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.
SR5	27/11/2018	Mid-Flood	Fine	Moderate	10:12	11	S	1	1	11			NA			NA			0.02	0.28	0.12	0.42			NA			NA			NA		
SR5	27/11/2018	Mid-Flood	Fine	Moderate	10:12	11	S	1	2	13	12		NA	NA		NA	NA		0.02	0.28	0.12	0.42	0.42		NA	NA		NA	NA		NA	NA	
SR5	27/11/2018	Mid-Flood	Fine	Moderate	10:12	11	S	1	3										0.02	0.28	0.12	0.42											
SR5	27/11/2018	Mid-Flood	Fine	Moderate	10:12	11	M	5.5	1	9			NA			NA			0.02	0.28	0.12	0.42			NA			NA			NA		
SR5	27/11/2018	Mid-Flood	Fine	Moderate	10:12	11	M	5.5	2	10	9	10	NA	NA	NA	NA	NA	NA	0.02	0.28	0.12	0.42	0.42	0.42	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	27/11/2018	Mid-Flood	Fine	Moderate	10:12	11	M	5.5	3										0.02	0.28	0.12	0.42											
SR5	27/11/2018	Mid-Flood	Fine	Moderate	10:12	11	B	10	1	10			NA			NA			0.02	0.28	0.12	0.42			NA			NA			NA		
SR5	27/11/2018	Mid-Flood	Fine	Moderate	10:12	11	B	10	2	9	9		NA	NA		NA	NA		0.02	0.28	0.12	0.42	0.42		NA	NA		NA	NA		NA	NA	
SR5	27/11/2018	Mid-Flood	Fine	Moderate	10:12	11	B	10	3										0.02	0.27	0.12	0.41											
SR12	27/11/2018	Mid-Flood	Fine	Moderate	8:36	15	S	1	1	9			0.12			0.004			NA	NA	NA	NA			84			NA			1		
SR12	27/11/2018	Mid-Flood	Fine	Moderate	8:36	15	S	1	2	9	9		0.13	0.13		0.004	0.004		NA	NA	NA	NA	NA		96	90		NA	NA		<1	1	
SR12	27/11/2018	Mid-Flood	Fine	Moderate	8:36	15	S	1	3										NA	NA	NA	NA											
SR12	27/11/2018	Mid-Flood	Fine	Moderate	8:36	15	M	7.5	1	10			0.13			0.004			NA	NA	NA	NA			120			NA			1		
SR12	27/11/2018	Mid-Flood	Fine	Moderate	8:36	15	M	7.5	2	9	9	9	0.13	0.13	0.13	0.004	0.004	0.004	NA	NA	NA	NA	NA	NA	96	107	103	NA	NA	NA	2	2	1
SR12	27/11/2018	Mid-Flood	Fine	Moderate	8:36	15	M	7.5	3										NA	NA	NA	NA											
SR12	27/11/2018	Mid-Flood	Fine	Moderate	8:36	15	B	14	1	11			0.12			0.004			NA	NA	NA	NA			100			NA			1		
SR12	27/11/2018	Mid-Flood	Fine	Moderate	8:36	15	B	14	2	9	10		0.12	0.12		0.004	0.004		NA	NA	NA	NA	NA		130	114		NA	NA		<1	1	
SR12	27/11/2018	Mid-Flood	Fine	Moderate	8:36	15	B	14	3										NA	NA	NA	NA											
SR13	27/11/2018	Mid-Flood	Fine	Moderate	8:11	14	S	1	1	7			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	27/11/2018	Mid-Flood	Fine	Moderate	8:11	14	S	1	2	7	7		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	27/11/2018	Mid-Flood	Fine	Moderate	8:11	14	S	1	3										NA	NA	NA	NA											
SR13	27/11/2018	Mid-Flood	Fine	Moderate	8:11	14	M	7	1	6			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	27/11/2018	Mid-Flood	Fine	Moderate	8:11	14	M	7	2	7	7	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	27/11/2018	Mid-Flood	Fine	Moderate	8:11	14	M	7	3										NA	NA	NA	NA											
SR13	27/11/2018	Mid-Flood	Fine	Moderate	8:11	14	B	13	1	6			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	27/11/2018	Mid-Flood	Fine	Moderate	8:11	14	B	13	2	7	6		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	27/11/2018	Mid-Flood	Fine	Moderate	8:11	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
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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
C1A	27/11/2018	Mid-Ebb	Fine	Moderate	13:48	28	S	1	1	8.04		31.98		21.85		83.6		6.10			8.4			0.06			0.002			0.06	0.14	0.05	0.25		
C1A	27/11/2018	Mid-Ebb	Fine	Moderate	13:48	28	S	1	2	8.04	8.04	31.97	31.98	21.84	21.85	82.9	83.3	6.05	6.08		8.2	8.3		0.06	0.06		0.002	0.002		0.06	0.14	0.05	0.25	0.25	
C1A	27/11/2018	Mid-Ebb	Fine	Moderate	13:48	28	S	1	3																					0.06	0.14	0.05	0.25		
C1A	27/11/2018	Mid-Ebb	Fine	Moderate	13:48	28	M	14	1	8.03		32.11		21.87		82.8		6.04			8.7			0.06			0.002			0.06	0.16	0.06	0.28		
C1A	27/11/2018	Mid-Ebb	Fine	Moderate	13:48	28	M	14	2	8.03	8.03	32.12	32.12	21.73	21.80	82.4	82.6	6.01	6.03		8.9	8.8	8.9	0.06	0.06	0.06	0.002	0.002	0.002	0.06	0.16	0.06	0.28	0.28	0.33
C1A	27/11/2018	Mid-Ebb	Fine	Moderate	13:48	28	M	14	3																					0.06	0.16	0.06	0.28		
C1A	27/11/2018	Mid-Ebb	Fine	Moderate	13:48	28	B	27	1	8.03		32.27		21.68		81.0		5.91			9.4			0.06			0.002			0.06	0.32	0.07	0.45		
C1A	27/11/2018	Mid-Ebb	Fine	Moderate	13:48	28	B	27	2	8.03	8.03	32.28	32.28	21.67	21.68	81.3	81.2	5.93	5.92		9.5	9.5		0.06	0.06		0.002	0.002		0.06	0.33	0.07	0.46	0.45	
C1A	27/11/2018	Mid-Ebb	Fine	Moderate	13:48	28	B	27	3																					0.06	0.33	0.07	0.46		
C2A	27/11/2018	Mid-Ebb	Fine	Moderate	16:48	13	S	1	1	8.03		32.35		21.93		86.9		6.30			5.4			0.07			0.003			0.07	0.16	0.07	0.30		
C2A	27/11/2018	Mid-Ebb	Fine	Moderate	16:48	13	S	1	2	8.03	8.03	32.36	32.36	21.92	21.93	85.8	86.4	6.26	6.28		5.6	5.5		0.07	0.07		0.003	0.003		0.07	0.16	0.07	0.30	0.30	
C2A	27/11/2018	Mid-Ebb	Fine	Moderate	16:48	13	S	1	3																					0.07	0.16	0.07	0.30		
C2A	27/11/2018	Mid-Ebb	Fine	Moderate	16:48	13	M	6.5	1	8.01		32.56		21.82		83.1		6.06		6.16	6.2			0.10			0.004			0.10	0.21	0.07	0.38		
C2A	27/11/2018	Mid-Ebb	Fine	Moderate	16:48	13	M	6.5	2	8.01	8.01	32.57	32.57	21.83	21.83	82.7	82.9	6.03	6.05		6.5	6.4	6.3	0.10	0.10	0.09	0.004	0.004	0.003	0.10	0.21	0.07	0.38	0.38	0.37
C2A	27/11/2018	Mid-Ebb	Fine	Moderate	16:48	13	M	6.5	3																					0.10	0.21	0.07	0.38		
C2A	27/11/2018	Mid-Ebb	Fine	Moderate	16:48	13	B	12	1	8.00		32.72		21.79		80.1		5.84			7.3			0.10			0.003			0.10	0.27	0.06	0.43		
C2A	27/11/2018	Mid-Ebb	Fine	Moderate	16:48	13	B	12	2	8.00	8.00	32.71	32.72	21.79	21.79	80.4	80.3	5.86	5.85		7.0	7.2		0.10	0.10		0.003	0.003		0.10	0.27	0.06	0.43	0.43	
C2A	27/11/2018	Mid-Ebb	Fine	Moderate	16:48	13	B	12	3																					0.10	0.27	0.06	0.43		
G2	27/11/2018	Mid-Ebb	Fine	Moderate	14:53	12	S	1	1	8.03		31.70		21.89		84.7		6.18			6.1			NA			NA			0.04	0.21	0.08	0.33		
G2	27/11/2018	Mid-Ebb	Fine	Moderate	14:53	12	S	1	2	8.03	8.03	31.71	31.71	21.87	21.88	84.2	84.5	6.14	6.16		6.3	6.2		NA	NA		NA	NA		0.04	0.21	0.08	0.33	0.33	
G2	27/11/2018	Mid-Ebb	Fine	Moderate	14:53	12	S	1	3																					0.04	0.21	0.08	0.33		
G2	27/11/2018	Mid-Ebb	Fine	Moderate	14:53	12	M	6	1	8.02		31.94		21.80		81.5		5.94		6.03	7.0			NA			NA			0.05	0.32	0.07	0.44		
G2	27/11/2018	Mid-Ebb	Fine	Moderate	14:53	12	M	6	2	8.02	8.02	31.94	31.94	21.80	21.80	80.2	80.9	5.85	5.90		6.7	6.9	7.0	NA	NA	NA	NA	NA	NA	0.05	0.32	0.07	0.44	0.45	0.41
G2	27/11/2018	Mid-Ebb	Fine	Moderate	14:53	12	M	6	3																					0.05	0.32	0.07	0.47		
G2	27/11/2018	Mid-Ebb	Fine	Moderate	14:53	12	B	11	1	8.03		32.03		21.79		78.8		5.75			7.9			NA			NA			0.05	0.35	0.06	0.46		
G2	27/11/2018	Mid-Ebb	Fine	Moderate	14:53	12	B	11	2	8.02	8.03	32.04	32.04	21.77	21.78	78.4	78.6	5.72	5.74		7.8	7.9		NA	NA		NA	NA		0.05	0.35	0.05	0.45	0.45	
G2	27/11/2018	Mid-Ebb	Fine	Moderate	14:53	12	B	11	3																					0.05	0.35	0.05	0.45		
SR2	27/11/2018	Mid-Ebb	Fine	Moderate	14:34	9	S	1	1	8.01		31.73		21.87		83.6		6.09			8.0			0.05			0.002			NA	NA	NA	NA		
SR2	27/11/2018	Mid-Ebb	Fine	Moderate	14:34	9	S	1	2	8.01	8.01	31.72	31.73	21.87	21.87	84.0	83.8	6.23	6.16		7.7	7.9		0.05	0.05		0.002	0.002		NA	NA	NA	NA	NA	
SR2	27/11/2018	Mid-Ebb	Fine	Moderate	14:34	9	S	1	3																					NA	NA	NA	NA		
SR2	27/11/2018	Mid-Ebb	Fine	Moderate	14:34	9	M	4.5	1	8.01		31.77		21.80		82.5		6.02		6.10	8.3			0.05			0.002			NA	NA	NA	NA		
SR2	27/11/2018	Mid-Ebb	Fine	Moderate	14:34	9	M	4.5	2	8.02	8.02	31.78	31.78	21.82	21.81	83.1	82.8	6.06	6.04		8.1	8.2	8.3	0.05	0.05	0.05	0.002	0.002	0.002	NA	NA	NA	NA	NA	NA
SR2	27/11/2018	Mid-Ebb	Fine	Moderate	14:34	9	M	4.5	3																					NA	NA	NA	NA		
SR2	27/11/2018	Mid-Ebb	Fine	Moderate	14:34	9	B	8	1	8.02		31.84		21.77		80.7		5.89			8.7			0.06			0.002			NA	NA	NA	NA		
SR2	27/11/2018	Mid-Ebb	Fine	Moderate	14:34	9	B	8	2	8.02	8.02	31.83	31.84	21.76	21.77	80.3	80.5	5.86	5.88		8.9	8.8		0.06	0.06		0.002	0.002		NA	NA	NA	NA	NA	
SR2	27/11/2018	Mid-Ebb	Fine	Moderate	14:34	9	B	8	3																					NA	NA	NA	NA		
SR3	27/11/2018	Mid-Ebb	Fine	Moderate	15:18	8	S	1	1	8.02		32.22		21.95		88.4		6.45			6.3			0.06			0.002			NA	NA	NA	NA		
SR3	27/11/2018	Mid-Ebb	Fine	Moderate	15:18	8	S	1	2	8.02	8.02	32.22	32.22	21.94	21.95	87.6	88.0	6.39	6.42		6.0	6.2		0.06	0.06		0.002	0.002		NA	NA	NA	NA	NA	
SR3	27/11/2018	Mid-Ebb	Fine	Moderate	15:18	8	S	1	3																					NA	NA	NA	NA		
SR3	27/11/2018	Mid-Ebb	Fine	Moderate	15:18	8	M	4	1	8.03		32.27		21.88		84.3		6.14		6.25	6.9			0.06			0.002			NA	NA	NA	NA		
SR3	27/11/2018	Mid-Ebb	Fine	Moderate	15:18	8	M	4	2	8.02	8.03	32.28	32.28	21.86	21.87	82.5	83.4	6.02	6.08		7.2	7.1	7.0	0.06	0.06	0.06	0.002	0.002	0.002	NA	NA	NA	NA	NA	NA
SR3	27/11/2018	Mid-Ebb	Fine	Moderate	15:18	8	M	4	3																					NA	NA	NA	NA		
SR3	27/11/2018	Mid-Ebb	Fine	Moderate	15:18	8	B	7	1	8.01		32.30		21.72		81.3		5.93			7.8			0.06			0.002			NA	NA	NA	NA		
SR3	27/11/2018	Mid-Ebb	Fine	Moderate	15:18	8	B	7	2	8.01	8.01	32.32	32.31	21.74	21.73	80.9	81.1	5.90	5.92		8.0	7.9		0.06	0.06		0.002	0.002		NA	NA	NA	NA	NA	
SR3	27/11/2018	Mid-Ebb	Fine	Moderate	15:18	8	B	7	3																					NA	NA	NA	NA		
SR4	27/11/2018	Mid-Ebb	Fine	Moderate	15:43	4	S	1	1	8.02		32.38		22.00		86.9		6.34			6.2			0.04			0.001			NA	NA	NA	NA		
SR4	27/11/2018	Mid-Ebb	Fine	Moderate	15:43	4	S	1	2	8.02	8.02	32.37	32.38	22.01	22.01	84.3	85.6	6.15	6.25		6.0	6.1		0.04	0.04		0.001	0.001		NA	NA	NA	NA	NA	
SR4	27/11/2018	Mid-Ebb	Fine	Moderate	15:43	4	S	1	3																					NA	NA	NA	NA		
SR4	27/11/2018	Mid-Ebb	Fine	Moderate	15:43	4	M		1											6.25										NA	NA	NA	NA		
SR4	27/11/2018	Mid-Ebb	Fine	Moderate	15:43	4	M		2		NA		NA		NA		NA		NA			NA	6.9		NA	0.05		NA	0.002	NA	NA	NA	NA	NA	NA
SR4	27/11/2018	Mid-Ebb	Fine	Moderate	15:43	4	M		3																					NA	NA	NA	NA		
SR4	27/11/2018	Mid-Ebb	Fine	Moderate	15:43	4	B	3	1	8.01		32.40		21.38		81.2		5.92			7.4			0.05			0.002			NA	NA	NA	NA		
SR4	27/11/2018	Mid-Ebb	Fine	Moderate	15:43	4	B	3	2	8.01	8.01	32.39	32.40	21.38	21.38	80.5	80.9	5.87	5.90		7.8	7.6		0.05	0.05		0.002	0.002		NA	NA	NA	NA	NA	
SR4	27/11/2018	Mid-Ebb	Fine	Moderate	15:43	4	B	3	3																					NA	NA	NA	NA		

Impact Monitoring Data

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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR5	27/11/2018	Mid-Ebb	Fine	Moderate	14:13	11	S	1	1	8.02		32.00		21.88		84.7		6.18			7.0			NA			NA			0.06	0.31	0.08	0.45		
SR5	27/11/2018	Mid-Ebb	Fine	Moderate	14:13	11	S	1	2	8.02	8.02	31.99	32.00	21.87	21.88	85.1	84.9	6.21	6.20		7.2	7.1		NA	NA		NA	NA		0.06	0.31	0.08	0.45	0.45	
SR5	27/11/2018	Mid-Ebb	Fine	Moderate	14:13	11	S	1	3											6.16										0.06	0.31	0.08	0.45		
SR5	27/11/2018	Mid-Ebb	Fine	Moderate	14:13	11	M	5.5	1	8.01		32.08		21.83		83.5		6.09			7.9			NA			NA			0.05	0.22	0.07	0.34		
SR5	27/11/2018	Mid-Ebb	Fine	Moderate	14:13	11	M	5.5	2	8.01	8.01	32.08	32.08	21.82	21.83	84.2	83.9	6.15	6.12		8.2	8.1	8.1	NA	NA	NA	NA	NA	NA	0.05	0.22	0.07	0.34	0.34	0.41
SR5	27/11/2018	Mid-Ebb	Fine	Moderate	14:13	11	M	5.5	3																					0.05	0.22	0.07	0.34		
SR5	27/11/2018	Mid-Ebb	Fine	Moderate	14:13	11	B	10	1	8.02		32.12		21.70		82.7		6.03			8.8			NA			NA			0.04	0.33	0.07	0.44		
SR5	27/11/2018	Mid-Ebb	Fine	Moderate	14:13	11	B	10	2	8.03	8.03	32.11	32.12	21.68	21.69	80.6	81.7	5.88	5.96		9.3	9.1		NA	NA		NA	NA		0.04	0.33	0.08	0.45	0.44	
SR5	27/11/2018	Mid-Ebb	Fine	Moderate	14:13	11	B	10	3																					0.04	0.33	0.08	0.45		
SR12	27/11/2018	Mid-Ebb	Fine	Moderate	15:58	15	S	1	1	7.99		32.48		22.04		84.3		6.15			5.8			0.04			0.001			NA	NA	NA	NA		
SR12	27/11/2018	Mid-Ebb	Fine	Moderate	15:58	15	S	1	2	7.99	7.99	32.49	32.49	22.05	22.05	82.5	83.4	6.02	6.09		6.0	5.9		0.04	0.04		0.001	0.001		NA	NA	NA	NA	NA	
SR12	27/11/2018	Mid-Ebb	Fine	Moderate	15:58	15	S	1	3											5.98										NA	NA	NA	NA		
SR12	27/11/2018	Mid-Ebb	Fine	Moderate	15:58	15	M	7.5	1	8.00		32.52		21.92		80.1		5.84			7.2			0.04			0.001			NA	NA	NA	NA		
SR12	27/11/2018	Mid-Ebb	Fine	Moderate	15:58	15	M	7.5	2	8.00	8.00	32.51	32.52	21.93	21.93	80.7	80.4	5.89	5.87		6.9	7.1	7.0	0.04	0.04	0.04	0.001	0.001	0.002	NA	NA	NA	NA	NA	NA
SR12	27/11/2018	Mid-Ebb	Fine	Moderate	15:58	15	M	7.5	3																					NA	NA	NA	NA		
SR12	27/11/2018	Mid-Ebb	Fine	Moderate	15:58	15	B	14	1	8.01		32.65		21.71		78.4		5.72			8.0			0.05			0.002			NA	NA	NA	NA		
SR12	27/11/2018	Mid-Ebb	Fine	Moderate	15:58	15	B	14	2	8.01	8.01	32.64	32.65	21.70	21.71	77.9	78.2	5.68	5.70		8.3	8.2		0.05	0.05		0.002	0.002		NA	NA	NA	NA	NA	
SR12	27/11/2018	Mid-Ebb	Fine	Moderate	15:58	15	B	14	3																					NA	NA	NA	NA		
SR13	27/11/2018	Mid-Ebb	Fine	Moderate	16:23	14	S	1	1	7.97		32.63		22.02		84.1		6.13			6.0			NA			NA			NA	NA	NA	NA		
SR13	27/11/2018	Mid-Ebb	Fine	Moderate	16:23	14	S	1	2	7.99	7.98	32.62	32.63	22.03	22.03	85.0	84.6	6.20	6.17		5.6	5.8		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	27/11/2018	Mid-Ebb	Fine	Moderate	16:23	14	S	1	3											6.06										NA	NA	NA	NA		
SR13	27/11/2018	Mid-Ebb	Fine	Moderate	16:23	14	M	7	1	8.00		32.73		21.99		82.1		5.99			6.7			NA			NA			NA	NA	NA	NA		
SR13	27/11/2018	Mid-Ebb	Fine	Moderate	16:23	14	M	7	2	8.00	8.00	32.74	32.74	21.97	21.98	81.3	81.7	5.93	5.96		6.6	6.7	6.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	27/11/2018	Mid-Ebb	Fine	Moderate	16:23	14	M	7	3																					NA	NA	NA	NA		
SR13	27/11/2018	Mid-Ebb	Fine	Moderate	16:23	14	B	13	1	8.00		32.86		21.80		78.8		5.75			8.3			NA			NA			NA	NA	NA	NA		
SR13	27/11/2018	Mid-Ebb	Fine	Moderate	16:23	14	B	13	2	8.00	8.00	32.86	32.86	21.79	21.80	77.9	78.4	5.68	5.72		7.9	8.1		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	27/11/2018	Mid-Ebb	Fine	Moderate	16:23	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
1 in calculating the geometric mean.

Impact Monitoring Data

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	27/11/2018	Mid-Ebb	Fine	Moderate	13:48	28	S	1	1	14			0.04			0.002			0.04	0.23	0.12	0.39			10			NA			<1		
C1A	27/11/2018	Mid-Ebb	Fine	Moderate	13:48	28	S	1	2	15	14		0.05	0.05		0.002	0.002		0.05	0.24	0.12	0.41	0.40		8	9		NA	NA		<1	1	
C1A	27/11/2018	Mid-Ebb	Fine	Moderate	13:48	28	S	1	3										0.04	0.23	0.12	0.39											
C1A	27/11/2018	Mid-Ebb	Fine	Moderate	13:48	28	M	14	1	13			0.04			0.001			0.04	0.23	0.12	0.39			14			NA			<1		
C1A	27/11/2018	Mid-Ebb	Fine	Moderate	13:48	28	M	14	2	14	13	14	0.04	0.04	0.04	0.001	0.001	0.001	0.04	0.23	0.12	0.39	0.39	0.39	13	13	16	NA	NA	NA	<1	1	1
C1A	27/11/2018	Mid-Ebb	Fine	Moderate	13:48	28	M	14	3										0.04	0.24	0.12	0.40											
C1A	27/11/2018	Mid-Ebb	Fine	Moderate	13:48	28	B	27	1	16			0.04			0.001			0.04	0.23	0.12	0.39			35			NA			<1		
C1A	27/11/2018	Mid-Ebb	Fine	Moderate	13:48	28	B	27	2	15	15		0.03	0.04		0.001	0.001		0.03	0.23	0.12	0.38	0.38		28	31		NA	NA		<1	1	
C1A	27/11/2018	Mid-Ebb	Fine	Moderate	13:48	28	B	27	3										0.03	0.22	0.12	0.37											
C2A	27/11/2018	Mid-Ebb	Fine	Moderate	16:48	13	S	1	1	5			0.10			0.004			0.10	0.19	0.11	0.40			32			NA			<1		
C2A	27/11/2018	Mid-Ebb	Fine	Moderate	16:48	13	S	1	2	4	5		0.09	0.10		0.003	0.004		0.09	0.19	0.11	0.39	0.40		31	31		NA	NA		<1	1	
C2A	27/11/2018	Mid-Ebb	Fine	Moderate	16:48	13	S	1	3										0.10	0.20	0.11	0.41											
C2A	27/11/2018	Mid-Ebb	Fine	Moderate	16:48	13	M	6.5	1	6			0.09			0.003			0.09	0.20	0.11	0.40			49			NA			<1		
C2A	27/11/2018	Mid-Ebb	Fine	Moderate	16:48	13	M	6.5	2	6	6	6	0.09	0.09	0.10	0.003	0.003	0.003	0.09	0.19	0.11	0.39	0.39	0.40	48	48	43	NA	NA	NA	<1	1	1
C2A	27/11/2018	Mid-Ebb	Fine	Moderate	16:48	13	M	6.5	3										0.09	0.19	0.11	0.39											
C2A	27/11/2018	Mid-Ebb	Fine	Moderate	16:48	13	B	12	1	6			0.10			0.003			0.10	0.20	0.11	0.41			64			NA			<1		
C2A	27/11/2018	Mid-Ebb	Fine	Moderate	16:48	13	B	12	2	6	6		0.10	0.10		0.003	0.003		0.10	0.19	0.11	0.40	0.40		44	53		NA	NA		<1	1	
C2A	27/11/2018	Mid-Ebb	Fine	Moderate	16:48	13	B	12	3										0.09	0.18	0.12	0.39											
G2	27/11/2018	Mid-Ebb	Fine	Moderate	14:53	12	S	1	1	9			NA			NA			0.04	0.23	0.12	0.39			NA			NA			NA		
G2	27/11/2018	Mid-Ebb	Fine	Moderate	14:53	12	S	1	2	8	9		NA	NA		NA	NA		0.04	0.24	0.12	0.40	0.39		NA	NA		NA	NA		NA	NA	
G2	27/11/2018	Mid-Ebb	Fine	Moderate	14:53	12	S	1	3										0.04	0.23	0.12	0.39											
G2	27/11/2018	Mid-Ebb	Fine	Moderate	14:53	12	M	6	1	8			NA			NA			0.04	0.23	0.12	0.39			NA			NA			NA		
G2	27/11/2018	Mid-Ebb	Fine	Moderate	14:53	12	M	6	2	8	8	8	NA	NA	NA	NA	NA	NA	0.04	0.23	0.12	0.39	0.39	0.39	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	27/11/2018	Mid-Ebb	Fine	Moderate	14:53	12	M	6	3										0.04	0.23	0.12	0.39											
G2	27/11/2018	Mid-Ebb	Fine	Moderate	14:53	12	B	11	1	7			NA			NA			0.04	0.23	0.12	0.39			NA			NA			NA		
G2	27/11/2018	Mid-Ebb	Fine	Moderate	14:53	12	B	11	2	6	7		NA	NA		NA	NA		0.04	0.23	0.12	0.39	0.39		NA	NA		NA	NA		NA	NA	
G2	27/11/2018	Mid-Ebb	Fine	Moderate	14:53	12	B	11	3										0.04	0.23	0.12	0.39											
SR2	27/11/2018	Mid-Ebb	Fine	Moderate	14:34	9	S	1	1	7			0.02			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	27/11/2018	Mid-Ebb	Fine	Moderate	14:34	9	S	1	2	7	7		0.02	0.02		0.001	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	27/11/2018	Mid-Ebb	Fine	Moderate	14:34	9	S	1	3										NA	NA	NA	NA											
SR2	27/11/2018	Mid-Ebb	Fine	Moderate	14:34	9	M	4.5	1	7			0.02			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	27/11/2018	Mid-Ebb	Fine	Moderate	14:34	9	M	4.5	2	7	7	7	0.02	0.02	0.02	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	27/11/2018	Mid-Ebb	Fine	Moderate	14:34	9	M	4.5	3										NA	NA	NA	NA											
SR2	27/11/2018	Mid-Ebb	Fine	Moderate	14:34	9	B	8	1	7			0.02			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	27/11/2018	Mid-Ebb	Fine	Moderate	14:34	9	B	8	2	6	7		0.02	0.02		0.001	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	27/11/2018	Mid-Ebb	Fine	Moderate	14:34	9	B	8	3										NA	NA	NA	NA											
SR3	27/11/2018	Mid-Ebb	Fine	Moderate	15:18	8	S	1	1	6			0.04			0.001			NA	NA	NA	NA			NA			NA			NA		
SR3	27/11/2018	Mid-Ebb	Fine	Moderate	15:18	8	S	1	2	7	7		0.04	0.04		0.001	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	27/11/2018	Mid-Ebb	Fine	Moderate	15:18	8	S	1	3										NA	NA	NA	NA											
SR3	27/11/2018	Mid-Ebb	Fine	Moderate	15:18	8	M	4	1	9			0.04			0.001			NA	NA	NA	NA			NA			NA			NA		
SR3	27/11/2018	Mid-Ebb	Fine	Moderate	15:18	8	M	4	2	8	8	8	0.04	0.04	0.04	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	27/11/2018	Mid-Ebb	Fine	Moderate	15:18	8	M	4	3										NA	NA	NA	NA											
SR3	27/11/2018	Mid-Ebb	Fine	Moderate	15:18	8	B	7	1	9			0.04			0.001			NA	NA	NA	NA			NA			NA			NA		
SR3	27/11/2018	Mid-Ebb	Fine	Moderate	15:18	8	B	7	2	9	9		0.04	0.04		0.001	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	27/11/2018	Mid-Ebb	Fine	Moderate	15:18	8	B	7	3										NA	NA	NA	NA											
SR4	27/11/2018	Mid-Ebb	Fine	Moderate	15:43	4	S	1	1	11			0.07			0.003			NA	NA	NA	NA			270			NA			1		
SR4	27/11/2018	Mid-Ebb	Fine	Moderate	15:43	4	S	1	2	11	11		0.06	0.07		0.002	0.002		NA	NA	NA	NA	NA		260	265		NA	NA		1	1	
SR4	27/11/2018	Mid-Ebb	Fine	Moderate	15:43	4	S	1	3										NA	NA	NA	NA											
SR4	27/11/2018	Mid-Ebb	Fine	Moderate	15:43	4	M		1										NA	NA	NA	NA						NA					
SR4	27/11/2018	Mid-Ebb	Fine	Moderate	15:43	4	M		2		NA	11		NA	0.06		NA	0.002	NA	NA	NA	NA	NA	NA		NA	197	NA	NA	NA		NA	1
SR4	27/11/2018	Mid-Ebb	Fine	Moderate	15:43	4	M		3										NA	NA	NA	NA											
SR4	27/11/2018	Mid-Ebb	Fine	Moderate	15:43	4	B	3	1	11			0.06			0.002			NA	NA	NA	NA			180			NA			1		
SR4	27/11/2018	Mid-Ebb	Fine	Moderate	15:43	4	B	3	2	11	11		0.05	0.06		0.002	0.002		NA	NA	NA	NA	NA		120	147		NA	NA		<1	1	
SR4	27/11/2018	Mid-Ebb	Fine	Moderate	15:43	4	B	3	3										NA	NA	NA	NA											

Impact Monitoring Data

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.
SR5	27/11/2018	Mid-Ebb	Fine	Moderate	14:13	11	S	1	1	12			NA			NA			0.02	0.26	0.12	0.40			NA			NA			NA		
SR5	27/11/2018	Mid-Ebb	Fine	Moderate	14:13	11	S	1	2	11	12		NA	NA		NA	NA		0.02	0.28	0.12	0.42	0.41		NA	NA		NA	NA		NA	NA	
SR5	27/11/2018	Mid-Ebb	Fine	Moderate	14:13	11	S	1	3										0.02	0.27	0.12	0.41											
SR5	27/11/2018	Mid-Ebb	Fine	Moderate	14:13	11	M	5.5	1	10			NA			NA			0.02	0.27	0.12	0.41			NA			NA			NA		
SR5	27/11/2018	Mid-Ebb	Fine	Moderate	14:13	11	M	5.5	2	9	9	10	NA	NA	NA	NA	NA	NA	0.02	0.27	0.12	0.41	0.41	0.41	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	27/11/2018	Mid-Ebb	Fine	Moderate	14:13	11	M	5.5	3										0.02	0.27	0.12	0.41											
SR5	27/11/2018	Mid-Ebb	Fine	Moderate	14:13	11	B	10	1	10			NA			NA			0.02	0.27	0.12	0.41			NA			NA			NA		
SR5	27/11/2018	Mid-Ebb	Fine	Moderate	14:13	11	B	10	2	10	10		NA	NA		NA	NA		0.02	0.27	0.12	0.41	0.41		NA	NA		NA	NA		NA	NA	
SR5	27/11/2018	Mid-Ebb	Fine	Moderate	14:13	11	B	10	3										0.02	0.27	0.12	0.41											
SR12	27/11/2018	Mid-Ebb	Fine	Moderate	15:58	15	S	1	1	7			0.07			0.002			NA	NA	NA	NA			180			NA			<1		
SR12	27/11/2018	Mid-Ebb	Fine	Moderate	15:58	15	S	1	2	7	7		0.07	0.07		0.002	0.002		NA	NA	NA	NA	NA		280	224		NA	NA		<1	1	
SR12	27/11/2018	Mid-Ebb	Fine	Moderate	15:58	15	S	1	3										NA	NA	NA	NA											
SR12	27/11/2018	Mid-Ebb	Fine	Moderate	15:58	15	M	7.5	1	7			0.07			0.002			NA	NA	NA	NA			210			NA			<1		
SR12	27/11/2018	Mid-Ebb	Fine	Moderate	15:58	15	M	7.5	2	8	7	7	0.07	0.07	0.07	0.002	0.002	0.002	NA	NA	NA	NA	NA	NA	320	259	218	NA	NA	NA	<1	1	1
SR12	27/11/2018	Mid-Ebb	Fine	Moderate	15:58	15	M	7.5	3										NA	NA	NA	NA											
SR12	27/11/2018	Mid-Ebb	Fine	Moderate	15:58	15	B	14	1	7			0.07			0.002			NA	NA	NA	NA			160			NA			<1		
SR12	27/11/2018	Mid-Ebb	Fine	Moderate	15:58	15	B	14	2	8	8		0.07	0.07		0.002	0.002		NA	NA	NA	NA	NA		200	179		NA	NA		<1	1	
SR12	27/11/2018	Mid-Ebb	Fine	Moderate	15:58	15	B	14	3										NA	NA	NA	NA											
SR13	27/11/2018	Mid-Ebb	Fine	Moderate	16:23	14	S	1	1	9			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	27/11/2018	Mid-Ebb	Fine	Moderate	16:23	14	S	1	2	9	9		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	27/11/2018	Mid-Ebb	Fine	Moderate	16:23	14	S	1	3										NA	NA	NA	NA											
SR13	27/11/2018	Mid-Ebb	Fine	Moderate	16:23	14	M	7	1	10			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	27/11/2018	Mid-Ebb	Fine	Moderate	16:23	14	M	7	2	9	9	9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	27/11/2018	Mid-Ebb	Fine	Moderate	16:23	14	M	7	3										NA	NA	NA	NA											
SR13	27/11/2018	Mid-Ebb	Fine	Moderate	16:23	14	B	13	1	9			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	27/11/2018	Mid-Ebb	Fine	Moderate	16:23	14	B	13	2	8	9		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	27/11/2018	Mid-Ebb	Fine	Moderate	16:23	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
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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.						
C1A	29/11/2018	Mid-Flood	Fine	Moderate	15:02	28	S	1	1	8.02		31.53		21.62		87.1		6.22			5.8			0.04			0.001			0.04	0.21	0.07	0.32		
C1A	29/11/2018	Mid-Flood	Fine	Moderate	15:02	28	S	1	2	8.02	8.02	31.52	31.53	21.61	21.62	86.6	86.9	6.18	6.20		5.4	5.6		0.04	0.04		0.001	0.001		0.04	0.21	0.08	0.33	0.33	
C1A	29/11/2018	Mid-Flood	Fine	Moderate	15:02	28	S	1	3											6.12										0.04	0.21	0.08	0.33		
C1A	29/11/2018	Mid-Flood	Fine	Moderate	15:02	28	M	14	1	8.03		31.72		21.48		84.6		6.04			6.5			0.04			0.001			0.04	0.24	0.08	0.36		
C1A	29/11/2018	Mid-Flood	Fine	Moderate	15:02	28	M	14	2	8.02	8.03	31.72	31.72	21.44	21.46	84.5	84.6	6.03	6.04		6.1	6.3	6.5	0.05	0.05	0.04	0.002	0.002	0.001	0.05	0.24	0.08	0.37	0.37	0.41
C1A	29/11/2018	Mid-Flood	Fine	Moderate	15:02	28	M	14	3																					0.05	0.24	0.08	0.37		
C1A	29/11/2018	Mid-Flood	Fine	Moderate	15:02	28	B	27	1	8.02		32.03		21.37		83.5		5.96			7.7			0.04			0.001			0.04	0.43	0.08	0.55		
C1A	29/11/2018	Mid-Flood	Fine	Moderate	15:02	28	B	27	2	8.01	8.02	32.00	32.02	21.38	21.38	83.1	83.3	5.94	5.95		7.3	7.5		0.04	0.04		0.001	0.001		0.04	0.43	0.08	0.55	0.55	
C1A	29/11/2018	Mid-Flood	Fine	Moderate	15:02	28	B	27	3																					0.04	0.43	0.08	0.55		
C2A	29/11/2018	Mid-Flood	Fine	Moderate	12:00	13	S	1	1	7.91		31.96		21.89		83.6		5.97			4.3			0.83			0.024			0.83	0.17	0.08	1.08		
C2A	29/11/2018	Mid-Flood	Fine	Moderate	12:00	13	S	1	2	7.90	7.91	31.97	31.97	21.89	21.89	82.9	83.3	5.92	5.95		4.6	4.5		0.82	0.83		0.023	0.023		0.82	0.17	0.08	1.07	1.07	
C2A	29/11/2018	Mid-Flood	Fine	Moderate	12:00	13	S	1	3											5.85										0.82	0.17	0.08	1.07		
C2A	29/11/2018	Mid-Flood	Fine	Moderate	12:00	13	M	6.5	1	7.92		32.40		21.72		80.9		5.77			5.3			0.74			0.022			0.74	0.21	0.08	1.03		
C2A	29/11/2018	Mid-Flood	Fine	Moderate	12:00	13	M	6.5	2	7.93	7.93	32.41	32.41	21.70	21.71	80.3	80.6	5.73	5.75		5.0	5.2	5.3	0.75	0.75	0.77	0.022	0.022	0.023	0.75	0.21	0.08	1.04	1.04	1.05
C2A	29/11/2018	Mid-Flood	Fine	Moderate	12:00	13	M	6.5	3																					0.75	0.21	0.08	1.04		
C2A	29/11/2018	Mid-Flood	Fine	Moderate	12:00	13	B	12	1	7.95		32.59		21.66		78.5		5.60			6.2			0.74			0.023			0.74	0.24	0.06	1.04		
C2A	29/11/2018	Mid-Flood	Fine	Moderate	12:00	13	B	12	2	7.95	7.95	32.60	32.60	21.65	21.66	79.2	78.9	5.65	5.63		6.5	6.4		0.74	0.74		0.023	0.023		0.74	0.24	0.06	1.04	1.04	
C2A	29/11/2018	Mid-Flood	Fine	Moderate	12:00	13	B	12	3																					0.74	0.24	0.06	1.04		
G2	29/11/2018	Mid-Flood	Fine	Moderate	14:01	12	S	1	1	8.00		31.65		21.93		88.9		6.35			5.2			NA			NA			0.04	0.22	0.08	0.34		
G2	29/11/2018	Mid-Flood	Fine	Moderate	14:01	12	S	1	2	8.00	8.00	31.66	31.66	21.92	21.93	87.6	88.3	6.25	6.30		4.8	5.0		NA	NA		NA	NA		0.04	0.22	0.08	0.34	0.34	
G2	29/11/2018	Mid-Flood	Fine	Moderate	14:01	12	S	1	3											6.13										0.04	0.22	0.08	0.34		
G2	29/11/2018	Mid-Flood	Fine	Moderate	14:01	12	M	6	1	8.01		31.85		21.74		84.3		6.02			6.2			NA			NA			0.04	0.23	0.07	0.34		
G2	29/11/2018	Mid-Flood	Fine	Moderate	14:01	12	M	6	2	8.02	8.02	31.84	31.85	21.74	21.74	82.7	83.5	5.90	5.96		6.1	6.2	6.1	NA	NA	NA	NA	NA	NA	0.04	0.23	0.07	0.34	0.34	0.43
G2	29/11/2018	Mid-Flood	Fine	Moderate	14:01	12	M	6	3																					0.04	0.23	0.07	0.34		
G2	29/11/2018	Mid-Flood	Fine	Moderate	14:01	12	B	11	1	8.01		32.14		21.63		80.8		5.77			6.9			NA			NA			0.04	0.48	0.08	0.60		
G2	29/11/2018	Mid-Flood	Fine	Moderate	14:01	12	B	11	2	8.01	8.01	32.15	32.15	21.65	21.64	80.3	80.6	5.73	5.75		7.3	7.1		NA	NA		NA	NA		0.04	0.48	0.08	0.60	0.60	
G2	29/11/2018	Mid-Flood	Fine	Moderate	14:01	12	B	11	3																					0.04	0.48	0.08	0.60		
SR2	29/11/2018	Mid-Flood	Fine	Moderate	14:17	9	S	1	1	8.04		31.70		21.93		89.0		6.35			5.0			0.04			0.002			NA	NA	NA	NA		
SR2	29/11/2018	Mid-Flood	Fine	Moderate	14:17	9	S	1	2	8.04	8.04	31.71	31.71	21.95	21.94	88.3	88.7	6.30	6.33		4.7	4.9		0.04	0.04		0.002	0.002		NA	NA	NA	NA	NA	
SR2	29/11/2018	Mid-Flood	Fine	Moderate	14:17	9	S	1	3											6.23										NA	NA	NA	NA		
SR2	29/11/2018	Mid-Flood	Fine	Moderate	14:17	9	M	4.5	1	8.04		31.85		21.79		86.2		6.15			5.6			0.04			0.002			NA	NA	NA	NA		
SR2	29/11/2018	Mid-Flood	Fine	Moderate	14:17	9	M	4.5	2	8.03	8.04	31.85	31.85	21.78	21.79	85.7	86.0	6.12	6.14		5.8	5.7	5.6	0.04	0.04	0.04	0.002	0.002	0.002	NA	NA	NA	NA	NA	NA
SR2	29/11/2018	Mid-Flood	Fine	Moderate	14:17	9	M	4.5	3																					NA	NA	NA	NA		
SR2	29/11/2018	Mid-Flood	Fine	Moderate	14:17	9	B	8	1	8.05		31.92		21.72		83.1		5.93			6.4			0.04			0.002			NA	NA	NA	NA		
SR2	29/11/2018	Mid-Flood	Fine	Moderate	14:17	9	B	8	2	8.05	8.05	31.94	31.93	21.70	21.71	82.8	83.0	5.91	5.92		6.1	6.3		0.04	0.04		0.002	0.002		NA	NA	NA	NA	NA	
SR2	29/11/2018	Mid-Flood	Fine	Moderate	14:17	9	B	8	3																					NA	NA	NA	NA		
SR3	29/11/2018	Mid-Flood	Fine	Moderate	13:35	8	S	1	1	7.99		32.05		21.98		83.9		5.99			5.9			0.05			0.002			NA	NA	NA	NA		
SR3	29/11/2018	Mid-Flood	Fine	Moderate	13:35	8	S	1	2	7.98	7.99	32.04	32.05	21.99	21.99	83.2	83.6	5.94	5.97		6.0	6.0		0.05	0.05		0.002	0.002		NA	NA	NA	NA	NA	
SR3	29/11/2018	Mid-Flood	Fine	Moderate	13:35	8	S	1	3											5.88										NA	NA	NA	NA		
SR3	29/11/2018	Mid-Flood	Fine	Moderate	13:35	8	M	4	1	7.99		32.16		21.86		81.4		5.81			6.5			0.05			0.002			NA	NA	NA	NA		
SR3	29/11/2018	Mid-Flood	Fine	Moderate	13:35	8	M	4	2	8.00	8.00	32.17	32.17	21.85	21.86	80.8	81.1	5.77	5.79		6.7	6.6	6.5	0.05	0.05	0.05	0.002	0.002	0.002	NA	NA	NA	NA	NA	NA
SR3	29/11/2018	Mid-Flood	Fine	Moderate	13:35	8	M	4	3																					NA	NA	NA	NA		
SR3	29/11/2018	Mid-Flood	Fine	Moderate	13:35	8	B	7	1	7.98		32.24		21.7		79.3		5.66			7.0			0.05			0.002			NA	NA	NA	NA		
SR3	29/11/2018	Mid-Flood	Fine	Moderate	13:35	8	B	7	2	7.98	7.98	32.26	32.25	21.7	21.73	78.2	78.8	5.58	5.62		7.1	7.1		0.05	0.05		0.002	0.002		NA	NA	NA	NA	NA	
SR3	29/11/2018	Mid-Flood	Fine	Moderate	13:35	8	B	7	3																					NA	NA	NA	NA		
SR4	29/11/2018	Mid-Flood	Fine	Moderate	13:09	4	S	1	1	7.95		32.12		21.90		84.0		6.01			6.0			0.04			0.001			NA	NA	NA	NA		
SR4	29/11/2018	Mid-Flood	Fine	Moderate	13:09	4	S	1	2	7.95	7.95	32.11	32.12	21.91	21.91	84.7	84.4	6.05	6.03		5.7	5.9		0.04	0.04		0.001	0.001		NA	NA	NA	NA	NA	
SR4	29/11/2018	Mid-Flood	Fine	Moderate	13:09	4	S	1	3											6.03										NA	NA	NA	NA		
SR4	29/11/2018	Mid-Flood	Fine	Moderate	13:09	4	M		1																					NA	NA	NA	NA		
SR4	29/11/2018	Mid-Flood	Fine	Moderate	13:09	4	M		2		NA		NA		NA		NA		NA			NA	6.2		NA	0.04		NA	0.001	NA	NA	NA	NA	NA	NA
SR4	29/11/2018	Mid-Flood	Fine	Moderate	13:09	4	M		3																					NA	NA	NA	NA		
SR4	29/11/2018	Mid-Flood	Fine	Moderate	13:09	4	B	3	1	7.97		32.17		21.86		81.6		5.89			6.6			0.04			0.001			NA	NA	NA	NA		
SR4	29/11/2018	Mid-Flood	Fine	Moderate	13:09	4	B	3	2	7.96	7.97	32.16	32.17	21.85	21.86	80.9	81.3	5.77	5.83		6.4	6.5		0.04	0.04		0.001	0.001		NA	NA	NA	NA	NA	
SR4	29/11/2018	Mid-Flood	Fine	Moderate	13:09	4	B	3	3																					NA	NA	NA	NA		

Impact Monitoring Data

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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR5	29/11/2018	Mid-Flood	Fine	Moderate	14:38	11	S	1	1	8.00		31.91		21.68		84.9		6.06			6.2			NA			NA			0.04	0.44	0.07	0.55		
SR5	29/11/2018	Mid-Flood	Fine	Moderate	14:38	11	S	1	2	7.99	8.00	31.90	31.91	21.68	21.68	84.7	84.8	6.05	6.06		6.3	6.3		NA	NA		NA	NA		0.04	0.44	0.08	0.56	0.56	
SR5	29/11/2018	Mid-Flood	Fine	Moderate	14:38	11	S	1	3																					0.04	0.44	0.08	0.56		
SR5	29/11/2018	Mid-Flood	Fine	Moderate	14:38	11	M	5.5	1	8.02		32.07		21.60		83.2		5.94		5.99	6.5			NA			NA			0.04	0.44	0.07	0.55		
SR5	29/11/2018	Mid-Flood	Fine	Moderate	14:38	11	M	5.5	2	8.02	8.02	32.05	32.06	21.62	21.61	82.9	83.1	5.92	5.93		6.6	6.6	6.6	NA	NA	NA	NA	NA	NA	0.04	0.44	0.07	0.55	0.55	0.54
SR5	29/11/2018	Mid-Flood	Fine	Moderate	14:38	11	M	5.5	3																					0.04	0.44	0.07	0.55		
SR5	29/11/2018	Mid-Flood	Fine	Moderate	14:38	11	B	10	1	8.04		32.12		21.55		80.3		5.73			6.9			NA			NA			0.05	0.39	0.07	0.51		
SR5	29/11/2018	Mid-Flood	Fine	Moderate	14:38	11	B	10	2	8.03	8.04	32.10	32.11	21.52	21.54	80.7	80.5	5.76	5.75		7.0	7.0		NA	NA		NA	NA		0.05	0.39	0.07	0.51	0.51	
SR5	29/11/2018	Mid-Flood	Fine	Moderate	14:38	11	B	10	3																					0.05	0.39	0.07	0.51		
SR12	29/11/2018	Mid-Flood	Fine	Moderate	12:50	15	S	1	1	7.96		32.23		21.87		83.9		5.99			5.8			0.04			0.001			NA	NA	NA	NA		
SR12	29/11/2018	Mid-Flood	Fine	Moderate	12:50	15	S	1	2	7.96	7.96	32.22	32.23	21.86	21.87	83.3	83.6	5.95	5.97		5.5	5.7		0.04	0.04		0.001	0.001		NA	NA	NA	NA	NA	
SR12	29/11/2018	Mid-Flood	Fine	Moderate	12:50	15	S	1	3																					NA	NA	NA	NA		
SR12	29/11/2018	Mid-Flood	Fine	Moderate	12:50	15	M	7.5	1	7.97		32.40		21.66		80.2		5.72		5.85	6.3			0.11			0.004			NA	NA	NA	NA		
SR12	29/11/2018	Mid-Flood	Fine	Moderate	12:50	15	M	7.5	2	7.97	7.97	32.41	32.41	21.65	21.66	79.8	80.0	5.74	5.73		6.1	6.2	6.3	0.11	0.11	0.10	0.004	0.004	0.003	NA	NA	NA	NA	NA	NA
SR12	29/11/2018	Mid-Flood	Fine	Moderate	12:50	15	M	7.5	3																					NA	NA	NA	NA		
SR12	29/11/2018	Mid-Flood	Fine	Moderate	12:50	15	B	14	1	7.98		32.53		21.58		78.8		5.62			7.0			0.15			0.005			NA	NA	NA	NA		
SR12	29/11/2018	Mid-Flood	Fine	Moderate	12:50	15	B	14	2	7.99	7.99	32.55	32.54	21.57	21.58	78.4	78.6	5.59	5.61		7.3	7.2		0.15	0.15		0.005	0.005		NA	NA	NA	NA	NA	
SR12	29/11/2018	Mid-Flood	Fine	Moderate	12:50	15	B	14	3																					NA	NA	NA	NA		
SR13	29/11/2018	Mid-Flood	Fine	Moderate	12:24	14	S	1	1	7.92		32.33		21.85		82.5		5.89			5.8			NA			NA			NA	NA	NA	NA		
SR13	29/11/2018	Mid-Flood	Fine	Moderate	12:24	14	S	1	2	7.92	7.92	32.32	32.33	21.84	21.85	82.2	82.4	5.87	5.88		5.4	5.6		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	29/11/2018	Mid-Flood	Fine	Moderate	12:24	14	S	1	3																					NA	NA	NA	NA		
SR13	29/11/2018	Mid-Flood	Fine	Moderate	12:24	14	M	7	1	7.94		32.38		21.79		79.3		5.66		5.77	6.3			NA			NA			NA	NA	NA	NA		
SR13	29/11/2018	Mid-Flood	Fine	Moderate	12:24	14	M	7	2	7.94	7.94	32.38	32.38	21.78	21.79	79.0	79.2	5.64	5.65		6.5	6.4	6.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	29/11/2018	Mid-Flood	Fine	Moderate	12:24	14	M	7	3																					NA	NA	NA	NA		
SR13	29/11/2018	Mid-Flood	Fine	Moderate	12:24	14	B	13	1	7.96		32.41		21.65		78.5		5.60			7.9			NA			NA			NA	NA	NA	NA		
SR13	29/11/2018	Mid-Flood	Fine	Moderate	12:24	14	B	13	2	7.95	7.96	32.40	32.41	21.64	21.65	78.1	78.3	5.57	5.59		8.2	8.1		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	29/11/2018	Mid-Flood	Fine	Moderate	12:24	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
1 in calculating the geometric mean.

Impact Monitoring Data

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																									
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
C1A	29/11/2018	Mid-Flood	Fine	Moderate	15:02	28	S	1	1	7			0.02			0.001			0.02	0.29	0.13	0.44			24			NA			<1		
C1A	29/11/2018	Mid-Flood	Fine	Moderate	15:02	28	S	1	2	7	7		0.02	0.02		0.001	0.001		0.02	0.28	0.14	0.44	0.44		18	21		NA	NA		<1	1	
C1A	29/11/2018	Mid-Flood	Fine	Moderate	15:02	28	S	1	3										0.02	0.28	0.14	0.44											
C1A	29/11/2018	Mid-Flood	Fine	Moderate	15:02	28	M	14	1	6			0.02			0.001			0.02	0.28	0.14	0.44			34			NA			<1		
C1A	29/11/2018	Mid-Flood	Fine	Moderate	15:02	28	M	14	2	6	6	6	0.02	0.02	0.02	0.001	0.001	0.001	0.02	0.28	0.14	0.44	0.44	0.43	30	32	25	NA	NA	NA	<1	1	1
C1A	29/11/2018	Mid-Flood	Fine	Moderate	15:02	28	M	14	3										0.02	0.28	0.14	0.44											
C1A	29/11/2018	Mid-Flood	Fine	Moderate	15:02	28	B	27	1	5			0.03			0.001			0.03	0.25	0.13	0.41			23			NA			<1		
C1A	29/11/2018	Mid-Flood	Fine	Moderate	15:02	28	B	27	2	6	5		0.02	0.03		0.001	0.001		0.02	0.26	0.13	0.41	0.41		25	24		NA	NA		<1	1	
C1A	29/11/2018	Mid-Flood	Fine	Moderate	15:02	28	B	27	3										0.03	0.25	0.13	0.41											
C2A	29/11/2018	Mid-Flood	Fine	Moderate	12:00	13	S	1	1	6			1.05			0.030			1.05	0.15	0.08	1.28			88			NA			2		
C2A	29/11/2018	Mid-Flood	Fine	Moderate	12:00	13	S	1	2	6	6		0.94	1.00		0.027	0.028		0.94	0.16	0.06	1.16	1.21		72	80		NA	NA		2	2	
C2A	29/11/2018	Mid-Flood	Fine	Moderate	12:00	13	S	1	3										0.96	0.15	0.08	1.19											
C2A	29/11/2018	Mid-Flood	Fine	Moderate	12:00	13	M	6.5	1	7			0.92			0.027			0.92	0.16	0.07	1.15			62			NA			2		
C2A	29/11/2018	Mid-Flood	Fine	Moderate	12:00	13	M	6.5	2	6	7	7	0.96	0.94	1.01	0.028	0.027	0.030	0.96	0.16	0.06	1.18	1.17	1.14	57	59	61	NA	NA	NA	2	2	2
C2A	29/11/2018	Mid-Flood	Fine	Moderate	12:00	13	M	6.5	3										0.95	0.16	0.06	1.17											
C2A	29/11/2018	Mid-Flood	Fine	Moderate	12:00	13	B	12	1	8			1.27			0.039			1.27	0.15	0.09	1.51			50			NA			2		
C2A	29/11/2018	Mid-Flood	Fine	Moderate	12:00	13	B	12	2	8	8		0.91	1.09		0.028	0.033		0.91	0.15	0.08	1.14	1.03		45	47		NA	NA		2	2	
C2A	29/11/2018	Mid-Flood	Fine	Moderate	12:00	13	B	12	3										0.21	0.16	0.07	0.44											
G2	29/11/2018	Mid-Flood	Fine	Moderate	14:01	12	S	1	1	5			NA			NA			0.02	0.28	0.14	0.44			NA			NA			NA		
G2	29/11/2018	Mid-Flood	Fine	Moderate	14:01	12	S	1	2	5	5		NA	NA		NA	NA		0.03	0.29	0.13	0.45	0.44		NA	NA		NA	NA		NA	NA	
G2	29/11/2018	Mid-Flood	Fine	Moderate	14:01	12	S	1	3										0.02	0.29	0.13	0.44											
G2	29/11/2018	Mid-Flood	Fine	Moderate	14:01	12	M	6	1	5			NA			NA			0.02	0.28	0.14	0.44			NA			NA			NA		
G2	29/11/2018	Mid-Flood	Fine	Moderate	14:01	12	M	6	2	5	5	5	NA	NA	NA	NA	NA	NA	0.02	0.27	0.14	0.43	0.44	0.44	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	29/11/2018	Mid-Flood	Fine	Moderate	14:01	12	M	6	3										0.04	0.30	0.12	0.46											
G2	29/11/2018	Mid-Flood	Fine	Moderate	14:01	12	B	11	1	5			NA			NA			0.03	0.28	0.14	0.45			NA			NA			NA		
G2	29/11/2018	Mid-Flood	Fine	Moderate	14:01	12	B	11	2	6	5		NA	NA		NA	NA		0.02	0.27	0.14	0.43	0.44		NA	NA		NA	NA		NA	NA	
G2	29/11/2018	Mid-Flood	Fine	Moderate	14:01	12	B	11	3										0.02	0.28	0.14	0.44											
SR2	29/11/2018	Mid-Flood	Fine	Moderate	14:17	9	S	1	1	6			0.05			0.002			NA	NA	NA	NA			NA			NA			NA		
SR2	29/11/2018	Mid-Flood	Fine	Moderate	14:17	9	S	1	2	6	6		0.04	0.05		0.002	0.002		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	29/11/2018	Mid-Flood	Fine	Moderate	14:17	9	S	1	3										NA	NA	NA	NA											
SR2	29/11/2018	Mid-Flood	Fine	Moderate	14:17	9	M	4.5	1	8			0.04			0.002			NA	NA	NA	NA			NA			NA			NA		
SR2	29/11/2018	Mid-Flood	Fine	Moderate	14:17	9	M	4.5	2	9	8	8	0.02	0.03	0.04	0.001	0.001	0.002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	29/11/2018	Mid-Flood	Fine	Moderate	14:17	9	M	4.5	3										NA	NA	NA	NA											
SR2	29/11/2018	Mid-Flood	Fine	Moderate	14:17	9	B	8	1	10			0.04			0.002			NA	NA	NA	NA			NA			NA			NA		
SR2	29/11/2018	Mid-Flood	Fine	Moderate	14:17	9	B	8	2	10	10		0.05	0.05		0.002	0.002		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	29/11/2018	Mid-Flood	Fine	Moderate	14:17	9	B	8	3										NA	NA	NA	NA											
SR3	29/11/2018	Mid-Flood	Fine	Moderate	13:35	8	S	1	1	8			0.06			0.002			NA	NA	NA	NA			NA			NA			NA		
SR3	29/11/2018	Mid-Flood	Fine	Moderate	13:35	8	S	1	2	8	8		0.06	0.06		0.002	0.002		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	29/11/2018	Mid-Flood	Fine	Moderate	13:35	8	S	1	3										NA	NA	NA	NA											
SR3	29/11/2018	Mid-Flood	Fine	Moderate	13:35	8	M	4	1	9			0.06			0.002			NA	NA	NA	NA			NA			NA			NA		
SR3	29/11/2018	Mid-Flood	Fine	Moderate	13:35	8	M	4	2	9	9	9	0.08	0.07	0.06	0.003	0.002	0.002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	29/11/2018	Mid-Flood	Fine	Moderate	13:35	8	M	4	3										NA	NA	NA	NA											
SR3	29/11/2018	Mid-Flood	Fine	Moderate	13:35	8	B	7	1	9			0.05			0.002			NA	NA	NA	NA			NA			NA			NA		
SR3	29/11/2018	Mid-Flood	Fine	Moderate	13:35	8	B	7	2	9	9		0.05	0.05		0.002	0.002		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	29/11/2018	Mid-Flood	Fine	Moderate	13:35	8	B	7	3										NA	NA	NA	NA											
SR4	29/11/2018	Mid-Flood	Fine	Moderate	13:09	4	S	1	1	8			0.07			0.002			NA	NA	NA	NA			200			NA			1		
SR4	29/11/2018	Mid-Flood	Fine	Moderate	13:09	4	S	1	2	7	8		0.05	0.06		0.002	0.002		NA	NA	NA	NA	NA		230	214		NA	NA		1	1	
SR4	29/11/2018	Mid-Flood	Fine	Moderate	13:09	4	S	1	3										NA	NA	NA	NA											
SR4	29/11/2018	Mid-Flood	Fine	Moderate	13:09	4	M		1										NA	NA	NA	NA						NA					
SR4	29/11/2018	Mid-Flood	Fine	Moderate	13:09	4	M		2		NA	9		NA	0.07		NA	0.002	NA	NA	NA	NA	NA	NA		NA	267	NA	NA	NA		NA	1
SR4	29/11/2018	Mid-Flood	Fine	Moderate	13:09	4	M		3										NA	NA	NA	NA											
SR4	29/11/2018	Mid-Flood	Fine	Moderate	13:09	4	B	3	1	10			0.09			0.003			NA	NA	NA	NA			370			NA			<1		
SR4	29/11/2018	Mid-Flood	Fine	Moderate	13:09	4	B	3	2	10	10		0.07	0.08		0.002	0.003		NA	NA	NA	NA	NA		300	333		NA	NA		1	1	
SR4	29/11/2018	Mid-Flood	Fine	Moderate	13:09	4	B	3	3										NA	NA	NA	NA											

Impact Monitoring Data

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.
SR5	29/11/2018	Mid-Flood	Fine	Moderate	14:38	11	S	1	1	11			NA			NA			0.03	0.24	0.14	0.41			NA			NA			NA		
SR5	29/11/2018	Mid-Flood	Fine	Moderate	14:38	11	S	1	2	11	11		NA	NA		NA	NA		0.03	0.25	0.13	0.41	0.41		NA	NA		NA	NA		NA	NA	
SR5	29/11/2018	Mid-Flood	Fine	Moderate	14:38	11	S	1	3										0.03	0.26	0.13	0.42											
SR5	29/11/2018	Mid-Flood	Fine	Moderate	14:38	11	M	5.5	1	12			NA			NA			0.03	0.25	0.14	0.42			NA			NA			NA		
SR5	29/11/2018	Mid-Flood	Fine	Moderate	14:38	11	M	5.5	2	12	12	11	NA	NA	NA	NA	NA	NA	0.05	0.26	0.13	0.44	0.42	0.42	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	29/11/2018	Mid-Flood	Fine	Moderate	14:38	11	M	5.5	3										0.03	0.25	0.13	0.41											
SR5	29/11/2018	Mid-Flood	Fine	Moderate	14:38	11	B	10	1	9			NA			NA			0.03	0.26	0.13	0.42			NA			NA			NA		
SR5	29/11/2018	Mid-Flood	Fine	Moderate	14:38	11	B	10	2	9	9		NA	NA		NA	NA		0.03	0.25	0.14	0.42	0.42		NA	NA		NA	NA		NA	NA	
SR5	29/11/2018	Mid-Flood	Fine	Moderate	14:38	11	B	10	3										0.03	0.25	0.13	0.41											
SR12	29/11/2018	Mid-Flood	Fine	Moderate	12:50	15	S	1	1	9			0.09			0.003			NA	NA	NA	NA			330			NA			1		
SR12	29/11/2018	Mid-Flood	Fine	Moderate	12:50	15	S	1	2	8	9		0.09	0.09		0.003	0.003		NA	NA	NA	NA	NA		510	410		NA	NA		1	1	
SR12	29/11/2018	Mid-Flood	Fine	Moderate	12:50	15	S	1	3										NA	NA	NA	NA											
SR12	29/11/2018	Mid-Flood	Fine	Moderate	12:50	15	M	7.5	1	9			0.09			0.003			NA	NA	NA	NA			400			NA			1		
SR12	29/11/2018	Mid-Flood	Fine	Moderate	12:50	15	M	7.5	2	8	8	8	0.11	0.10	0.09	0.004	0.003	0.003	NA	NA	NA	NA	NA	NA	370	385	397	NA	NA	NA	1	1	1
SR12	29/11/2018	Mid-Flood	Fine	Moderate	12:50	15	M	7.5	3										NA	NA	NA	NA											
SR12	29/11/2018	Mid-Flood	Fine	Moderate	12:50	15	B	14	1	9			0.10			0.003			NA	NA	NA	NA			340			NA			1		
SR12	29/11/2018	Mid-Flood	Fine	Moderate	12:50	15	B	14	2	8	9		0.08	0.09		0.003	0.003		NA	NA	NA	NA	NA		460	395		NA	NA		1	1	
SR12	29/11/2018	Mid-Flood	Fine	Moderate	12:50	15	B	14	3										NA	NA	NA	NA											
SR13	29/11/2018	Mid-Flood	Fine	Moderate	12:24	14	S	1	1	8			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	29/11/2018	Mid-Flood	Fine	Moderate	12:24	14	S	1	2	9	8		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	29/11/2018	Mid-Flood	Fine	Moderate	12:24	14	S	1	3										NA	NA	NA	NA											
SR13	29/11/2018	Mid-Flood	Fine	Moderate	12:24	14	M	7	1	10			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	29/11/2018	Mid-Flood	Fine	Moderate	12:24	14	M	7	2	10	10	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	29/11/2018	Mid-Flood	Fine	Moderate	12:24	14	M	7	3										NA	NA	NA	NA											
SR13	29/11/2018	Mid-Flood	Fine	Moderate	12:24	14	B	13	1	11			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	29/11/2018	Mid-Flood	Fine	Moderate	12:24	14	B	13	2	10	10		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	29/11/2018	Mid-Flood	Fine	Moderate	12:24	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
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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
C1A	29/11/2018	Mid-Ebb	Fine	Moderate	16:10	28	S	1	1	8.04		31.59		21.60		84.7		6.05			5.0			0.05			0.002			0.05	0.22	0.16	0.43		
C1A	29/11/2018	Mid-Ebb	Fine	Moderate	16:10	28	S	1	2	8.04	8.04	31.60	31.60	21.59	21.60	84.2	84.5	6.01	6.03		4.8	4.9		0.05	0.05		0.002	0.002		0.05	0.22	0.16	0.43	0.43	
C1A	29/11/2018	Mid-Ebb	Fine	Moderate	16:10	28	S	1	3																					0.05	0.22	0.16	0.43		
C1A	29/11/2018	Mid-Ebb	Fine	Moderate	16:10	28	M	14	1	8.05		31.86		21.49		83.1		5.93			5.8			0.06			0.002			0.06	0.22	0.14	0.42		
C1A	29/11/2018	Mid-Ebb	Fine	Moderate	16:10	28	M	14	2	8.05	8.05	31.88	31.87	21.48	21.49	82.8	83.0	5.91	5.92		6.3	6.1	5.9	0.06	0.06	0.05	0.002	0.002	0.002	0.06	0.22	0.14	0.42	0.42	0.42
C1A	29/11/2018	Mid-Ebb	Fine	Moderate	16:10	28	M	14	3																					0.06	0.22	0.14	0.42		
C1A	29/11/2018	Mid-Ebb	Fine	Moderate	16:10	28	B	27	1	8.04		32.05		21.40		81.0		5.78			6.7			0.05			0.002			0.05	0.21	0.15	0.41		
C1A	29/11/2018	Mid-Ebb	Fine	Moderate	16:10	28	B	27	2	8.04	8.04	32.08	32.07	21.38	21.39	81.4	81.2	5.81	5.80		6.9	6.8		0.05	0.05		0.002	0.002		0.05	0.21	0.16	0.42	0.42	
C1A	29/11/2018	Mid-Ebb	Fine	Moderate	16:10	28	B	27	3																					0.05	0.21	0.16	0.42		
C2A	29/11/2018	Mid-Ebb	Fine	Moderate	19:04	13	S	1	1	7.93		31.45		21.94		80.5		5.75			5.8			0.52			0.016			0.52	0.16	0.12	0.80		
C2A	29/11/2018	Mid-Ebb	Fine	Moderate	19:04	13	S	1	2	7.93	7.93	31.43	31.44	21.93	21.94	81.1	80.8	5.79	5.77		5.4	5.6		0.53	0.53		0.016	0.016		0.53	0.16	0.12	0.81	0.81	
C2A	29/11/2018	Mid-Ebb	Fine	Moderate	19:04	13	S	1	3																					0.53	0.16	0.12	0.81		
C2A	29/11/2018	Mid-Ebb	Fine	Moderate	19:04	13	M	6.5	1	7.95		32.53		21.77		79.7		5.69			6.3			0.61			0.019			0.61	0.20	0.12	0.93		
C2A	29/11/2018	Mid-Ebb	Fine	Moderate	19:04	13	M	6.5	2	7.96	7.96	32.54	32.54	21.74	21.76	79.3	79.5	5.66	5.68		6.7	6.5	6.5	0.61	0.61	0.59	0.019	0.019	0.018	0.61	0.20	0.13	0.94	0.93	0.91
C2A	29/11/2018	Mid-Ebb	Fine	Moderate	19:04	13	M	6.5	3																					0.61	0.20	0.13	0.94		
C2A	29/11/2018	Mid-Ebb	Fine	Moderate	19:04	13	B	12	1	7.94		32.62		21.68		78.2		5.58			7.2			0.63			0.019			0.63	0.21	0.14	0.98		
C2A	29/11/2018	Mid-Ebb	Fine	Moderate	19:04	13	B	12	2	7.95	7.95	32.60	32.61	21.67	21.68	78.6	78.4	5.61	5.60		7.4	7.3		0.64	0.64		0.019	0.019		0.64	0.21	0.14	0.99	0.99	
C2A	29/11/2018	Mid-Ebb	Fine	Moderate	19:04	13	B	12	3																					0.64	0.21	0.14	0.99		
G2	29/11/2018	Mid-Ebb	Fine	Moderate	17:14	12	S	1	1	8.01		31.80		21.92		85.0		6.07			5.0			NA			NA			0.04	0.23	0.07	0.34		
G2	29/11/2018	Mid-Ebb	Fine	Moderate	17:14	12	S	1	2	8.00	8.01	31.79	31.80	21.92	21.92	84.8	84.9	6.05	6.06		5.2	5.1		NA	NA		NA	NA		0.04	0.24	0.07	0.35	0.35	
G2	29/11/2018	Mid-Ebb	Fine	Moderate	17:14	12	S	1	3																					0.04	0.24	0.07	0.35		
G2	29/11/2018	Mid-Ebb	Fine	Moderate	17:14	12	M	6	1	8.01		32.09		21.82		82.3		5.87			6.3			NA			NA			0.05	0.41	0.07	0.53		
G2	29/11/2018	Mid-Ebb	Fine	Moderate	17:14	12	M	6	2	8.01	8.01	32.08	32.09	21.83	21.83	81.7	82.0	5.83	5.85		6.7	6.5	6.7	NA	NA	NA	NA	NA	NA	0.05	0.41	0.08	0.54	0.54	0.46
G2	29/11/2018	Mid-Ebb	Fine	Moderate	17:14	12	M	6	3																					0.05	0.40	0.08	0.53		
G2	29/11/2018	Mid-Ebb	Fine	Moderate	17:14	12	B	11	1	8.01		32.38		21.73		80.2		5.72			8.2			NA			NA			0.05	0.40	0.05	0.50		
G2	29/11/2018	Mid-Ebb	Fine	Moderate	17:14	12	B	11	2	8.00	8.01	32.37	32.38	21.75	21.74	79.4	79.8	5.67	5.70		8.7	8.5		NA	NA		NA	NA		0.05	0.40	0.05	0.50	0.50	
G2	29/11/2018	Mid-Ebb	Fine	Moderate	17:14	12	B	11	3																					0.05	0.40	0.05	0.50		
SR2	29/11/2018	Mid-Ebb	Fine	Moderate	17:02	9	S	1	1	8.02		31.65		21.82		84.8		6.05			5.6			0.05			0.002			NA	NA	NA	NA		
SR2	29/11/2018	Mid-Ebb	Fine	Moderate	17:02	9	S	1	2	8.01	8.02	31.65	31.65	21.81	21.82	84.4	84.6	6.02	6.04		5.8	5.7		0.05	0.05		0.002	0.002		NA	NA	NA	NA	NA	
SR2	29/11/2018	Mid-Ebb	Fine	Moderate	17:02	9	S	1	3																					NA	NA	NA	NA		
SR2	29/11/2018	Mid-Ebb	Fine	Moderate	17:02	9	M	4.5	1	8.01		31.88		21.77		83.0		5.92			6.2			0.05			0.002			NA	NA	NA	NA		
SR2	29/11/2018	Mid-Ebb	Fine	Moderate	17:02	9	M	4.5	2	8.01	8.01	31.87	31.88	21.77	21.77	82.7	82.9	5.90	5.91		6.3	6.3	6.7	0.05	0.05	0.05	0.002	0.002	0.002	NA	NA	NA	NA	NA	NA
SR2	29/11/2018	Mid-Ebb	Fine	Moderate	17:02	9	M	4.5	3																					NA	NA	NA	NA		
SR2	29/11/2018	Mid-Ebb	Fine	Moderate	17:02	9	B	8	1	8.00		32.11		21.64		81.2		5.80			7.8			0.05			0.002			NA	NA	NA	NA		
SR2	29/11/2018	Mid-Ebb	Fine	Moderate	17:02	9	B	8	2	8.00	8.00	32.10	32.11	21.65	21.65	80.7	81.0	5.76	5.78		8.2	8.0		0.06	0.06		0.002	0.002		NA	NA	NA	NA	NA	
SR2	29/11/2018	Mid-Ebb	Fine	Moderate	17:02	9	B	8	3																					NA	NA	NA	NA		
SR3	29/11/2018	Mid-Ebb	Fine	Moderate	17:27	8	S	1	1	8.00		32.09		21.93		82.4		5.88			5.7			0.06			0.002			NA	NA	NA	NA		
SR3	29/11/2018	Mid-Ebb	Fine	Moderate	17:27	8	S	1	2	8.00	8.00	32.08	32.09	21.92	21.93	82.0	82.2	5.85	5.87		5.6	5.7		0.06	0.06		0.002	0.002		NA	NA	NA	NA	NA	
SR3	29/11/2018	Mid-Ebb	Fine	Moderate	17:27	8	S	1	3																					NA	NA	NA	NA		
SR3	29/11/2018	Mid-Ebb	Fine	Moderate	17:27	8	M	4	1	7.99		32.17		21.87		80.8		5.77			6.3			0.05			0.002			NA	NA	NA	NA		
SR3	29/11/2018	Mid-Ebb	Fine	Moderate	17:27	8	M	4	2	8.00	8.00	32.16	32.17	21.87	21.87	80.4	80.6	5.74	5.76		6.4	6.4	6.7	0.05	0.05	0.05	0.002	0.002	0.002	NA	NA	NA	NA	NA	NA
SR3	29/11/2018	Mid-Ebb	Fine	Moderate	17:27	8	M	4	3																					NA	NA	NA	NA		
SR3	29/11/2018	Mid-Ebb	Fine	Moderate	17:27	8	B	7	1	7.98		32.21		21.84		79.9		5.70			7.9			0.05			0.002			NA	NA	NA	NA		
SR3	29/11/2018	Mid-Ebb	Fine	Moderate	17:27	8	B	7	2	7.97	7.98	32.23	32.22	21.85	21.85	79.3	79.6	5.66	5.68		8.2	8.1		0.05	0.05		0.002	0.002		NA	NA	NA	NA	NA	
SR3	29/11/2018	Mid-Ebb	Fine	Moderate	17:27	8	B	7	3																					NA	NA	NA	NA		
SR4	29/11/2018	Mid-Ebb	Fine	Moderate	17:52	4	S	1	1	8.01		32.06		21.92		81.2		5.80			5.8			0.05			0.002			NA	NA	NA	NA		
SR4	29/11/2018	Mid-Ebb	Fine	Moderate	17:52	4	S	1	2	8.00	8.01	32.08	32.07	21.90	21.91	82.3	81.8	5.87	5.84		6.1	6.0		0.05	0.05		0.002	0.002		NA	NA	NA	NA	NA	
SR4	29/11/2018	Mid-Ebb	Fine	Moderate	17:52	4	S	1	3																					NA	NA	NA	NA		
SR4	29/11/2018	Mid-Ebb	Fine	Moderate	17:52	4	M		1																					NA	NA	NA	NA		
SR4	29/11/2018	Mid-Ebb	Fine	Moderate	17:52	4	M		2		NA		NA		NA		NA		NA			NA	6.4		NA	0.05		NA	0.002	NA	NA	NA	NA	NA	NA
SR4	29/11/2018	Mid-Ebb	Fine	Moderate	17:52	4	M		3																					NA	NA	NA	NA		
SR4	29/11/2018	Mid-Ebb	Fine	Moderate	17:52	4	B	3	1	7.98		32.18		21.77		80.4		5.74			6.9			0.05			0.002			NA	NA	NA	NA		
SR4	29/11/2018	Mid-Ebb	Fine	Moderate	17:52	4	B	3	2	7.98	7.98	32.19	32.19	21.78	21.78	79.9	80.2	5.70	5.72		6.8	6.9		0.05	0.05		0.002	0.002		NA	NA	NA	NA	NA	
SR4	29/11/2018	Mid-Ebb	Fine	Moderate	17:52	4	B	3	3																					NA	NA	NA	NA		

Impact Monitoring Data

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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR5	29/11/2018	Mid-Ebb	Fine	Moderate	13:37	11	S	1	1	8.01		31.99		21.84		83.4		5.95			6.1			NA			NA			0.04	0.22	0.06	0.32		
SR5	29/11/2018	Mid-Ebb	Fine	Moderate	13:37	11	S	1	2	8.01	8.01	31.98	31.99	21.85	21.85	83.1	83.3	5.93	5.94		6.2	6.2		NA	NA		NA	NA		0.04	0.22	0.06	0.32	0.32	
SR5	29/11/2018	Mid-Ebb	Fine	Moderate	13:37	11	S	1	3											5.88										0.04	0.23	0.06	0.33		
SR5	29/11/2018	Mid-Ebb	Fine	Moderate	13:37	11	M	5.5	1	8.02		32.02		21.78		81.8		5.84			6.6			NA			NA			0.05	0.45	0.06	0.56		
SR5	29/11/2018	Mid-Ebb	Fine	Moderate	13:37	11	M	5.5	2	8.02	8.02	32.00	32.01	21.77	21.78	81.3	81.6	5.80	5.82		6.6	6.6	6.6	NA	NA	NA	NA	NA	NA	0.05	0.45	0.07	0.57	0.57	0.47
SR5	29/11/2018	Mid-Ebb	Fine	Moderate	13:37	11	M	5.5	3																					0.05	0.45	0.07	0.57		
SR5	29/11/2018	Mid-Ebb	Fine	Moderate	13:37	11	B	10	1	8.02		32.18		21.72		80.9		5.77			7.1			NA			NA			0.05	0.41	0.06	0.52		
SR5	29/11/2018	Mid-Ebb	Fine	Moderate	13:37	11	B	10	2	8.01	8.02	32.17	32.18	21.70	21.71	80.6	80.8	5.75	5.76		7.2	7.2		NA	NA		NA	NA		0.05	0.41	0.06	0.52	0.52	
SR5	29/11/2018	Mid-Ebb	Fine	Moderate	13:37	11	B	10	3																					0.05	0.41	0.06	0.52		
SR12	29/11/2018	Mid-Ebb	Fine	Moderate	18:17	15	S	1	1	7.98		32.28		21.90		82.3		5.87			6.0			0.04			0.001			NA	NA	NA	NA		
SR12	29/11/2018	Mid-Ebb	Fine	Moderate	18:17	15	S	1	2	7.98	7.98	32.27	32.28	21.89	21.90	81.7	82.0	5.83	5.85		5.7	5.9		0.04	0.04		0.001	0.001		NA	NA	NA	NA	NA	
SR12	29/11/2018	Mid-Ebb	Fine	Moderate	18:17	15	S	1	3											5.78										NA	NA	NA	NA		
SR12	29/11/2018	Mid-Ebb	Fine	Moderate	18:17	15	M	7.5	1	7.99		32.42		21.68		80.4		5.74			6.7			0.05			0.002			NA	NA	NA	NA		
SR12	29/11/2018	Mid-Ebb	Fine	Moderate	18:17	15	M	7.5	2	7.99	7.99	32.44	32.43	21.70	21.69	79.7	80.1	5.69	5.72		6.6	6.7	6.7	0.05	0.05	0.04	0.002	0.002	0.001	NA	NA	NA	NA	NA	NA
SR12	29/11/2018	Mid-Ebb	Fine	Moderate	18:17	15	M	7.5	3																					NA	NA	NA	NA		
SR12	29/11/2018	Mid-Ebb	Fine	Moderate	18:17	15	B	14	1	7.98		32.59		21.42		78.4		5.61			7.4			0.04			0.001			NA	NA	NA	NA		
SR12	29/11/2018	Mid-Ebb	Fine	Moderate	18:17	15	B	14	2	7.98	7.98	32.58	32.59	21.45	21.44	78.0	78.2	5.57	5.59		7.6	7.5		0.04	0.04		0.001	0.001		NA	NA	NA	NA	NA	
SR12	29/11/2018	Mid-Ebb	Fine	Moderate	18:17	15	B	14	3																					NA	NA	NA	NA		
SR13	29/11/2018	Mid-Ebb	Fine	Moderate	18:42	14	S	1	1	7.97		32.37		21.87		80.3		5.73			7.8			NA			NA			NA	NA	NA	NA		
SR13	29/11/2018	Mid-Ebb	Fine	Moderate	18:42	14	S	1	2	7.97	7.97	32.36	32.37	21.86	21.87	79.9	80.1	5.70	5.72		7.4	7.6		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	29/11/2018	Mid-Ebb	Fine	Moderate	18:42	14	S	1	3											5.67										NA	NA	NA	NA		
SR13	29/11/2018	Mid-Ebb	Fine	Moderate	18:42	14	M	7	1	7.98		32.40		21.54		78.4		5.61			8.2			NA			NA			NA	NA	NA	NA		
SR13	29/11/2018	Mid-Ebb	Fine	Moderate	18:42	14	M	7	2	7.98	7.98	32.42	32.41	21.52	21.53	78.6	78.5	5.62	5.62		8.5	8.4	8.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	29/11/2018	Mid-Ebb	Fine	Moderate	18:42	14	M	7	3																					NA	NA	NA	NA		
SR13	29/11/2018	Mid-Ebb	Fine	Moderate	18:42	14	B	13	1	7.98		32.48		21.33		77.3		5.52			9.1			NA			NA			NA	NA	NA	NA		
SR13	29/11/2018	Mid-Ebb	Fine	Moderate	18:42	14	B	13	2	7.99	7.99	32.49	32.49	21.30	21.32	77.7	77.5	5.55	5.54		8.8	9.0		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	29/11/2018	Mid-Ebb	Fine	Moderate	18:42	14	B	13	3																					NA	NA	NA	NA		

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

Impact Monitoring Data

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																								
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
C1A	29/11/2018	Mid-Ebb	Fine	Moderate	16:10	28	S	1	1	7			0.03			0.001			0.03	0.28	0.14	0.45			16			NA			1		
C1A	29/11/2018	Mid-Ebb	Fine	Moderate	16:10	28	S	1	2	7	7		0.03	0.03		0.001	0.001		0.03	0.28	0.14	0.45	0.45		18	17		NA	NA		<1	1	
C1A	29/11/2018	Mid-Ebb	Fine	Moderate	16:10	28	S	1	3										0.03	0.28	0.14	0.45											
C1A	29/11/2018	Mid-Ebb	Fine	Moderate	16:10	28	M	14	1	8			0.02			0.001			0.02	0.28	0.14	0.44			17			NA			<1		
C1A	29/11/2018	Mid-Ebb	Fine	Moderate	16:10	28	M	14	2	7	8	7	0.03	0.03	0.03	0.001	0.001	0.001	0.03	0.29	0.13	0.45	0.44	0.44	20	18	22	NA	NA	NA	<1	1	1
C1A	29/11/2018	Mid-Ebb	Fine	Moderate	16:10	28	M	14	3										0.02	0.28	0.14	0.44											
C1A	29/11/2018	Mid-Ebb	Fine	Moderate	16:10	28	B	27	1	7			0.02			0.001			0.02	0.28	0.13	0.43			38			NA			<1		
C1A	29/11/2018	Mid-Ebb	Fine	Moderate	16:10	28	B	27	2	7	7		0.03	0.03		0.001	0.001		0.03	0.28	0.13	0.44	0.44		29	33		NA	NA		<1	1	
C1A	29/11/2018	Mid-Ebb	Fine	Moderate	16:10	28	B	27	3										0.03	0.28	0.14	0.45											
C2A	29/11/2018	Mid-Ebb	Fine	Moderate	19:04	13	S	1	1	7			1.16			0.035			1.16	0.15	0.08	1.39			47			NA			3		
C2A	29/11/2018	Mid-Ebb	Fine	Moderate	19:04	13	S	1	2	8	7		1.03	1.10		0.031	0.033		1.03	0.16	0.07	1.26	1.28		56	51		NA	NA		<1	2	
C2A	29/11/2018	Mid-Ebb	Fine	Moderate	19:04	13	S	1	3										0.95	0.16	0.08	1.19											
C2A	29/11/2018	Mid-Ebb	Fine	Moderate	19:04	13	M	6.5	1	8			0.94			0.029			0.94	0.16	0.07	1.17			49			NA			2		
C2A	29/11/2018	Mid-Ebb	Fine	Moderate	19:04	13	M	6.5	2	8	8	8	0.84	0.89	1.01	0.026	0.028	0.031	0.84	0.15	0.07	1.06	1.13	1.24	46	47	43	NA	NA	NA	2	2	2
C2A	29/11/2018	Mid-Ebb	Fine	Moderate	19:04	13	M	6.5	3										0.93	0.16	0.08	1.17											
C2A	29/11/2018	Mid-Ebb	Fine	Moderate	19:04	13	B	12	1	9			1.35			0.041			1.35	0.15	0.08	1.58			35			NA			1		
C2A	29/11/2018	Mid-Ebb	Fine	Moderate	19:04	13	B	12	2	9	9		0.72	1.04		0.022	0.031		0.72	0.16	0.08	0.96	1.30		32	33		NA	NA		2	2	
C2A	29/11/2018	Mid-Ebb	Fine	Moderate	19:04	13	B	12	3										1.12	0.16	0.08	1.36											
G2	29/11/2018	Mid-Ebb	Fine	Moderate	17:14	12	S	1	1	8			NA			NA			0.03	0.27	0.14	0.44			NA			NA			NA		
G2	29/11/2018	Mid-Ebb	Fine	Moderate	17:14	12	S	1	2	9	8		NA	NA		NA	NA		0.02	0.28	0.14	0.44	0.44		NA	NA		NA	NA		NA	NA	
G2	29/11/2018	Mid-Ebb	Fine	Moderate	17:14	12	S	1	3										0.02	0.28	0.14	0.44											
G2	29/11/2018	Mid-Ebb	Fine	Moderate	17:14	12	M	6	1	8			NA			NA			0.03	0.28	0.14	0.45			NA			NA			NA		
G2	29/11/2018	Mid-Ebb	Fine	Moderate	17:14	12	M	6	2	8	8	8	NA	NA	NA	NA	NA	NA	0.04	0.29	0.13	0.46	0.45	0.44	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	29/11/2018	Mid-Ebb	Fine	Moderate	17:14	12	M	6	3										0.02	0.28	0.13	0.43											
G2	29/11/2018	Mid-Ebb	Fine	Moderate	17:14	12	B	11	1	7			NA			NA			0.04	0.28	0.13	0.45			NA			NA			NA		
G2	29/11/2018	Mid-Ebb	Fine	Moderate	17:14	12	B	11	2	7	7		NA	NA		NA	NA		0.02	0.28	0.13	0.43	0.44		NA	NA		NA	NA		NA	NA	
G2	29/11/2018	Mid-Ebb	Fine	Moderate	17:14	12	B	11	3										0.02	0.28	0.13	0.43											
SR2	29/11/2018	Mid-Ebb	Fine	Moderate	17:02	9	S	1	1	9			0.03			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	29/11/2018	Mid-Ebb	Fine	Moderate	17:02	9	S	1	2	11	10		0.03	0.03		0.001	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	29/11/2018	Mid-Ebb	Fine	Moderate	17:02	9	S	1	3										NA	NA	NA	NA											
SR2	29/11/2018	Mid-Ebb	Fine	Moderate	17:02	9	M	4.5	1	8			0.04			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	29/11/2018	Mid-Ebb	Fine	Moderate	17:02	9	M	4.5	2	8	8	8	0.04	0.04	0.03	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	29/11/2018	Mid-Ebb	Fine	Moderate	17:02	9	M	4.5	3										NA	NA	NA	NA											
SR2	29/11/2018	Mid-Ebb	Fine	Moderate	17:02	9	B	8	1	8			0.04			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	29/11/2018	Mid-Ebb	Fine	Moderate	17:02	9	B	8	2	8	8		0.02	0.03		0.001	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	29/11/2018	Mid-Ebb	Fine	Moderate	17:02	9	B	8	3										NA	NA	NA	NA											
SR3	29/11/2018	Mid-Ebb	Fine	Moderate	17:27	8	S	1	1	8			0.05			0.002			NA	NA	NA	NA			NA			NA			NA		
SR3	29/11/2018	Mid-Ebb	Fine	Moderate	17:27	8	S	1	2	8	8		0.05	0.05		0.002	0.002		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	29/11/2018	Mid-Ebb	Fine	Moderate	17:27	8	S	1	3										NA	NA	NA	NA											
SR3	29/11/2018	Mid-Ebb	Fine	Moderate	17:27	8	M	4	1	9			0.05			0.002			NA	NA	NA	NA			NA			NA			NA		
SR3	29/11/2018	Mid-Ebb	Fine	Moderate	17:27	8	M	4	2	10	10	9	0.06	0.06	0.05	0.002	0.002	0.002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	29/11/2018	Mid-Ebb	Fine	Moderate	17:27	8	M	4	3										NA	NA	NA	NA											
SR3	29/11/2018	Mid-Ebb	Fine	Moderate	17:27	8	B	7	1	10			0.05			0.002			NA	NA	NA	NA			NA			NA			NA		
SR3	29/11/2018	Mid-Ebb	Fine	Moderate	17:27	8	B	7	2	10	10		0.05	0.05		0.002	0.002		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	29/11/2018	Mid-Ebb	Fine	Moderate	17:27	8	B	7	3										NA	NA	NA	NA											
SR4	29/11/2018	Mid-Ebb	Fine	Moderate	17:52	4	S	1	1	7			0.08			0.003			NA	NA	NA	NA			120			NA			2		
SR4	29/11/2018	Mid-Ebb	Fine	Moderate	17:52	4	S	1	2	8	8		0.06	0.07		0.002	0.002		NA	NA	NA	NA	NA		130	125		NA	NA		2	2	
SR4	29/11/2018	Mid-Ebb	Fine	Moderate	17:52	4	S	1	3										NA	NA	NA	NA											
SR4	29/11/2018	Mid-Ebb	Fine	Moderate	17:52	4	M		1										NA	NA	NA	NA						NA					
SR4	29/11/2018	Mid-Ebb	Fine	Moderate	17:52	4	M		2		NA	8		NA	0.07		NA	0.002	NA	NA	NA	NA	NA	NA		NA	143	NA	NA	NA		NA	2
SR4	29/11/2018	Mid-Ebb	Fine	Moderate	17:52	4	M		3										NA	NA	NA	NA											
SR4	29/11/2018	Mid-Ebb	Fine	Moderate	17:52	4	B	3	1	9			0.08			0.003			NA	NA	NA	NA			180			NA			2		
SR4	29/11/2018	Mid-Ebb	Fine	Moderate	17:52	4	B	3	2	9	9		0.07	0.08		0.002	0.002		NA	NA	NA	NA	NA		150	164		NA	NA		1	2	
SR4	29/11/2018	Mid-Ebb	Fine	Moderate	17:52	4	B	3	3										NA	NA	NA	NA											

Impact Monitoring Data

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.
SR5	29/11/2018	Mid-Ebb	Fine	Moderate	13:37	11	S	1	1	10			NA			NA			0.03	0.25	0.13	0.41			NA			NA			NA		
SR5	29/11/2018	Mid-Ebb	Fine	Moderate	13:37	11	S	1	2	10	10		NA	NA		NA	NA		0.02	0.25	0.13	0.40	0.41		NA	NA		NA	NA		NA	NA	
SR5	29/11/2018	Mid-Ebb	Fine	Moderate	13:37	11	S	1	3										0.03	0.25	0.13	0.41											
SR5	29/11/2018	Mid-Ebb	Fine	Moderate	13:37	11	M	5.5	1	11			NA			NA			0.02	0.25	0.13	0.40			NA			NA			NA		
SR5	29/11/2018	Mid-Ebb	Fine	Moderate	13:37	11	M	5.5	2	11	11	10	NA	NA	NA	NA	NA	NA	0.02	0.26	0.12	0.40	0.41	0.41	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	29/11/2018	Mid-Ebb	Fine	Moderate	13:37	11	M	5.5	3										0.04	0.25	0.13	0.42											
SR5	29/11/2018	Mid-Ebb	Fine	Moderate	13:37	11	B	10	1	10			NA			NA			0.03	0.26	0.13	0.42			NA			NA			NA		
SR5	29/11/2018	Mid-Ebb	Fine	Moderate	13:37	11	B	10	2	9	9		NA	NA		NA	NA		0.03	0.25	0.13	0.41	0.41		NA	NA		NA	NA		NA	NA	
SR5	29/11/2018	Mid-Ebb	Fine	Moderate	13:37	11	B	10	3										0.03	0.25	0.13	0.41											
SR12	29/11/2018	Mid-Ebb	Fine	Moderate	18:17	15	S	1	1	9			0.07			0.002			NA	NA	NA	NA			580			NA			1		
SR12	29/11/2018	Mid-Ebb	Fine	Moderate	18:17	15	S	1	2	9	9		0.07	0.07		0.002	0.002		NA	NA	NA	NA	NA		520	549		NA	NA		2	2	
SR12	29/11/2018	Mid-Ebb	Fine	Moderate	18:17	15	S	1	3										NA	NA	NA	NA											
SR12	29/11/2018	Mid-Ebb	Fine	Moderate	18:17	15	M	7.5	1	9			0.10			0.003			NA	NA	NA	NA			250			NA			1		
SR12	29/11/2018	Mid-Ebb	Fine	Moderate	18:17	15	M	7.5	2	9	9	9	0.09	0.10	0.09	0.003	0.003	0.003	NA	NA	NA	NA	NA	NA	230	240	358	NA	NA	NA	1	1	1
SR12	29/11/2018	Mid-Ebb	Fine	Moderate	18:17	15	M	7.5	3										NA	NA	NA	NA											
SR12	29/11/2018	Mid-Ebb	Fine	Moderate	18:17	15	B	14	1	9			0.10			0.003			NA	NA	NA	NA			430			NA			1		
SR12	29/11/2018	Mid-Ebb	Fine	Moderate	18:17	15	B	14	2	9	9		0.09	0.10		0.003	0.003		NA	NA	NA	NA	NA		280	347		NA	NA		1	1	
SR12	29/11/2018	Mid-Ebb	Fine	Moderate	18:17	15	B	14	3										NA	NA	NA	NA											
SR13	29/11/2018	Mid-Ebb	Fine	Moderate	18:42	14	S	1	1	11			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	29/11/2018	Mid-Ebb	Fine	Moderate	18:42	14	S	1	2	10	10		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	29/11/2018	Mid-Ebb	Fine	Moderate	18:42	14	S	1	3										NA	NA	NA	NA											
SR13	29/11/2018	Mid-Ebb	Fine	Moderate	18:42	14	M	7	1	9			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	29/11/2018	Mid-Ebb	Fine	Moderate	18:42	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	29/11/2018	Mid-Ebb	Fine	Moderate	18:42	14	M	7	3										NA	NA	NA	NA											
SR13	29/11/2018	Mid-Ebb	Fine	Moderate	18:42	14	B	13	1	9			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	29/11/2018	Mid-Ebb	Fine	Moderate	18:42	14	B	13	2	10	9		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	29/11/2018	Mid-Ebb	Fine	Moderate	18:42	14	B	13	3										NA	NA	NA	NA											

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

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																											
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.						
C1A	1/12/2018	Mid-Flood	Fine	Moderate	10:40	28	S	1	1	0.02		30.37		21.67		90.5		6.67			6.1			0.01			0.000			0.01	0.32	0.11	0.44		
C1A	1/12/2018	Mid-Flood	Fine	Moderate	10:40	28	S	1	2	8.02	4.02	30.37	30.37	21.67	21.67	90.5	90.5	6.66	6.67		6.1	6.1		0.01	0.01		0.000	0.000		0.01	0.36	0.11	0.48	0.48	
C1A	1/12/2018	Mid-Flood	Fine	Moderate	10:40	28	S	1	3																					0.02	0.38	0.11	0.51		
C1A	1/12/2018	Mid-Flood	Fine	Moderate	10:40	28	M	14	1	8.04		30.70		21.42		88.7		6.55			6.4			0.02			0.001			0.02	0.41	0.12	0.55		
C1A	1/12/2018	Mid-Flood	Fine	Moderate	10:40	28	M	14	2	8.04	8.04	30.70	30.70	21.42	21.42	88.6	88.7	6.55	6.55		6.3	6.4	6.2	0.02	0.02	0.02	0.001	0.001	0.000	0.02	0.40	0.12	0.54	0.54	0.53
C1A	1/12/2018	Mid-Flood	Fine	Moderate	10:40	28	M	14	3																					0.02	0.40	0.12	0.54		
C1A	1/12/2018	Mid-Flood	Fine	Moderate	10:40	28	B	27	1	8.04		30.71		21.39		88.8		6.57			6.3			0.02			0.001			0.02	0.43	0.12	0.57		
C1A	1/12/2018	Mid-Flood	Fine	Moderate	10:40	28	B	27	2	8.04	8.04	30.71	30.71	21.39	21.39	88.7	88.8	6.56	6.57		6.2	6.3		0.02	0.02		0.001	0.001		0.02	0.43	0.12	0.57	0.57	
C1A	1/12/2018	Mid-Flood	Fine	Moderate	10:40	28	B	27	3																					0.02	0.43	0.12	0.57		
C2A	1/12/2018	Mid-Flood	Fine	Moderate	13:31	15	S	1	1	7.97		32.65		21.78		84.2		6.11			5.4			0.38			0.012			0.38	0.03	0.07	0.48		
C2A	1/12/2018	Mid-Flood	Fine	Moderate	13:31	15	S	1	2	7.98	7.98	32.69	32.67	21.78	21.78	84.0	84.1	6.10	6.11		5.5	5.5		0.40	0.39		0.013	0.013		0.40	0.00	0.08	0.48	0.54	
C2A	1/12/2018	Mid-Flood	Fine	Moderate	13:31	15	S	1	3																					0.40	0.20	0.07	0.67		
C2A	1/12/2018	Mid-Flood	Fine	Moderate	13:31	15	M	7.5	1	7.98		32.61		21.75		81.8		5.94			5.8			0.36			0.012			0.36	0.12	0.08	0.56		
C2A	1/12/2018	Mid-Flood	Fine	Moderate	13:31	15	M	7.5	2	7.98	7.98	32.61	32.61	21.75	21.75	81.4	81.6	5.91	5.93		5.7	5.8	5.7	0.36	0.36	0.37	0.012	0.012	0.012	0.36	0.02	0.08	0.46	0.49	0.53
C2A	1/12/2018	Mid-Flood	Fine	Moderate	13:31	15	M	7.5	3																					0.36	0.01	0.07	0.44		
C2A	1/12/2018	Mid-Flood	Fine	Moderate	13:31	15	B	14	1	7.98		32.59		21.75		80.1		5.62			5.8			0.37			0.012			0.37	0.11	0.07	0.55		
C2A	1/12/2018	Mid-Flood	Fine	Moderate	13:31	15	B	14	2	7.98	7.98	32.59	32.59	21.75	21.75	80.0	80.1	5.61	5.62		5.7	5.8		0.36	0.37		0.012	0.012		0.36	0.11	0.07	0.54	0.55	
C2A	1/12/2018	Mid-Flood	Fine	Moderate	13:31	15	B	14	3																					0.38	0.10	0.07	0.55		
G2	1/12/2018	Mid-Flood	Fine	Moderate	11:34	12	S	1	1	8.01		31.97		21.52		84.6		6.19			5.2			NA			NA			0.01	0.24	0.08	0.33		
G2	1/12/2018	Mid-Flood	Fine	Moderate	11:34	12	S	1	2	8.01	8.01	31.96	31.97	21.51	21.52	84.6	84.6	6.19	6.19		5.2	5.2		NA	NA		NA	NA		0.01	0.26	0.08	0.35	0.35	
G2	1/12/2018	Mid-Flood	Fine	Moderate	11:34	12	S	1	3																					0.01	0.26	0.09	0.36		
G2	1/12/2018	Mid-Flood	Fine	Moderate	11:34	12	M	6	1	8.01		31.99		21.53		83.9		6.15			6.4			NA			NA			0.07	0.29	0.09	0.45		
G2	1/12/2018	Mid-Flood	Fine	Moderate	11:34	12	M	6	2	8.01	8.01	31.99	31.99	21.53	21.53	84.0	84.0	6.15	6.15		6.3	6.4	5.8	NA	NA	NA	NA	NA	NA	0.07	0.28	0.09	0.44	0.44	0.34
G2	1/12/2018	Mid-Flood	Fine	Moderate	11:34	12	M	6	3																					0.07	0.28	0.09	0.44		
G2	1/12/2018	Mid-Flood	Fine	Moderate	11:34	12	B	11	1	8.01		32.01		21.53		84.1		6.16			5.9			NA			NA			0.03	0.11	0.09	0.23		
G2	1/12/2018	Mid-Flood	Fine	Moderate	11:34	12	B	11	2	8.01	8.01	32.01	32.01	21.53	21.53	84.2	84.2	6.17	6.17		6.0	6.0		NA	NA		NA	NA		0.03	0.11	0.10	0.24	0.24	
G2	1/12/2018	Mid-Flood	Fine	Moderate	11:34	12	B	11	3																					0.04	0.11	0.10	0.25		
SR2	1/12/2018	Mid-Flood	Fine	Moderate	11:19	10	S	1	1	8.02		31.80		21.51		85.2		6.25			6.2			0.03			0.001			NA	NA	NA	NA		
SR2	1/12/2018	Mid-Flood	Fine	Moderate	11:19	10	S	1	2	8.02	8.02	31.81	31.81	21.51	21.51	85.2	85.2	6.25	6.25		6.3	6.3		0.03	0.03		0.001	0.001		NA	NA	NA	NA	NA	
SR2	1/12/2018	Mid-Flood	Fine	Moderate	11:19	10	S	1	3																					NA	NA	NA	NA		
SR2	1/12/2018	Mid-Flood	Fine	Moderate	11:19	10	M	5	1	8.02		31.82		21.51		85.3		6.25			6.4			0.04			0.001			NA	NA	NA	NA		
SR2	1/12/2018	Mid-Flood	Fine	Moderate	11:19	10	M	5	2	8.02	8.02	31.82	31.82	21.51	21.51	85.2	85.3	6.24	6.25		6.6	6.5	6.7	0.04	0.04	0.06	0.001	0.001	0.002	NA	NA	NA	NA	NA	NA
SR2	1/12/2018	Mid-Flood	Fine	Moderate	11:19	10	M	5	3																					NA	NA	NA	NA		
SR2	1/12/2018	Mid-Flood	Fine	Moderate	11:19	10	B	9	1	8.01		31.84		21.51		85.5		6.27			7.2			0.10			0.003			NA	NA	NA	NA		
SR2	1/12/2018	Mid-Flood	Fine	Moderate	11:19	10	B	9	2	8.01	8.01	31.83	31.84	21.51	21.51	85.5	85.5	6.27	6.27		7.3	7.3		0.11	0.11		0.004	0.004		NA	NA	NA	NA	NA	
SR2	1/12/2018	Mid-Flood	Fine	Moderate	11:19	10	B	9	3																					NA	NA	NA	NA		
SR3	1/12/2018	Mid-Flood	Fine	Moderate	11:56	10	S	1	1	8.01		31.82		21.51		86.5		6.34			7.0			0.05			0.002			NA	NA	NA	NA		
SR3	1/12/2018	Mid-Flood	Fine	Moderate	11:56	10	S	1	2	8.01	8.01	31.82	31.82	21.51	21.51	86.2	86.4	6.32	6.33		7.0	7.0		0.05	0.05		0.002	0.002		NA	NA	NA	NA	NA	
SR3	1/12/2018	Mid-Flood	Fine	Moderate	11:56	10	S	1	3																					NA	NA	NA	NA		
SR3	1/12/2018	Mid-Flood	Fine	Moderate	11:56	10	M	5	1	8.01		31.84		21.51		85.3		6.25			6.3			0.05			0.002			NA	NA	NA	NA		
SR3	1/12/2018	Mid-Flood	Fine	Moderate	11:56	10	M	5	2	8.01	8.01	31.84	31.84	21.51	21.51	85.2	85.3	6.24	6.25		6.2	6.3	6.5	0.05	0.05	0.05	0.002	0.002	0.002	NA	NA	NA	NA	NA	NA
SR3	1/12/2018	Mid-Flood	Fine	Moderate	11:56	10	M	5	3																					NA	NA	NA	NA		
SR3	1/12/2018	Mid-Flood	Fine	Moderate	11:56	10	B	9	1	8.01		32.00		21.5		84.9		6.22			6.2			0.05			0.002			NA	NA	NA	NA		
SR3	1/12/2018	Mid-Flood	Fine	Moderate	11:56	10	B	9	2	8.01	8.01	32.00	32.00	21.5	21.52	84.8	84.9	6.21	6.22		6.4	6.3		0.05	0.05		0.002	0.002		NA	NA	NA	NA	NA	
SR3	1/12/2018	Mid-Flood	Fine	Moderate	11:56	10	B	9	3																					NA	NA	NA	NA		
SR4	1/12/2018	Mid-Flood	Fine	Moderate	12:21	4	S	1	1	8.00		31.91		21.81		87.4		6.37			5.0			0.20			0.007			NA	NA	NA	NA		
SR4	1/12/2018	Mid-Flood	Fine	Moderate	12:21	4	S	1	2	8.01	8.01	31.89	31.90	21.78	21.80	87.1	87.3	6.34	6.36		4.9	5.0		0.20	0.20		0.007	0.007		NA	NA	NA	NA	NA	
SR4	1/12/2018	Mid-Flood	Fine	Moderate	12:21	4	S	1	3																					NA	NA	NA	NA		
SR4	1/12/2018	Mid-Flood	Fine	Moderate	12:21	4	M		1																					NA	NA	NA	NA		
SR4	1/12/2018	Mid-Flood	Fine	Moderate	12:21	4	M		2		NA		NA		NA		NA		NA	6.36		NA	5.0		NA	0.21		NA	0.007	NA	NA	NA	NA	NA	NA
SR4	1/12/2018	Mid-Flood	Fine	Moderate	12:21	4	M		3																					NA	NA	NA	NA		
SR4	1/12/2018	Mid-Flood	Fine	Moderate	12:21	4	B	3	1	8.01		31.95		21.67		85.1		6.22			5.0			0.21			0.007			NA	NA	NA	NA		
SR4	1/12/2018	Mid-Flood	Fine	Moderate	12:21	4	B	3	2	8.01	8.01	31.96	31.96	21.67	21.67	85.1	85.1	6.22	6.22		5.0	5.0		0.21	0.21		0.007	0.007		NA	NA	NA	NA	NA	
SR4	1/12/2018	Mid-Flood	Fine	Moderate	12:21	4	B	3	3																					NA	NA	NA	NA		

Impact Monitoring Data

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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR5	1/12/2018	Mid-Flood	Fine	Moderate	10:59	10	S	1	1	8.04		30.64		21.42		90.2		6.67			5.2			NA			NA			0.11	0.26	0.11	0.48		
SR5	1/12/2018	Mid-Flood	Fine	Moderate	10:59	10	S	1	2	8.04	8.04	30.64	30.64	21.42	21.42	90.2	90.2	6.67	6.67		5.2	5.2		NA	NA		NA	NA		0.09	0.26	0.12	0.47	0.48	
SR5	1/12/2018	Mid-Flood	Fine	Moderate	10:59	10	S	1	3																					0.10	0.26	0.13	0.49		
SR5	1/12/2018	Mid-Flood	Fine	Moderate	10:59	10	M	5	1	8.04		30.87		21.36		89.2		6.60		6.64	5.3			NA			NA			0.12	0.27	0.12	0.51		
SR5	1/12/2018	Mid-Flood	Fine	Moderate	10:59	10	M	5	2	8.04	8.04	30.86	30.87	21.36	21.36	89.4	89.3	6.61	6.61		5.3	5.3	5.2	NA	NA	NA	NA	NA	NA	0.13	0.28	0.12	0.53	0.53	0.53
SR5	1/12/2018	Mid-Flood	Fine	Moderate	10:59	10	M	5	3																					0.15	0.28	0.12	0.55		
SR5	1/12/2018	Mid-Flood	Fine	Moderate	10:59	10	B	9	1	8.04		30.78		21.36		90.1		6.65			5.0			NA			NA			0.14	0.32	0.12	0.58		
SR5	1/12/2018	Mid-Flood	Fine	Moderate	10:59	10	B	9	2	8.04	8.04	30.80	30.79	21.36	21.36	89.8	90.0	6.63	6.64		5.0	5.0		NA	NA		NA	NA		0.15	0.33	0.12	0.60	0.59	
SR5	1/12/2018	Mid-Flood	Fine	Moderate	10:59	10	B	9	3																					0.15	0.33	0.12	0.60		
SR12	1/12/2018	Mid-Flood	Fine	Moderate	12:45	16	S	1	1	7.99		32.15		21.70		83.0		6.04			5.4			0.14			0.005			NA	NA	NA	NA		
SR12	1/12/2018	Mid-Flood	Fine	Moderate	12:45	16	S	1	2	7.99	7.99	32.15	32.15	21.69	21.70	82.7	82.9	6.02	6.03		5.3	5.4		0.15	0.15		0.005	0.005		NA	NA	NA	NA	NA	
SR12	1/12/2018	Mid-Flood	Fine	Moderate	12:45	16	S	1	3											5.96										NA	NA	NA	NA		
SR12	1/12/2018	Mid-Flood	Fine	Moderate	12:45	16	M	8	1	7.99		32.14		21.70		80.8		5.89			5.6			0.17			0.006			NA	NA	NA	NA		
SR12	1/12/2018	Mid-Flood	Fine	Moderate	12:45	16	M	8	2	7.99	7.99	32.14	32.14	21.69	21.70	80.7	80.8	5.88	5.89		5.9	5.8	5.7	0.17	0.17	0.15	0.006	0.006	0.005	NA	NA	NA	NA	NA	NA
SR12	1/12/2018	Mid-Flood	Fine	Moderate	12:45	16	M	8	3																					NA	NA	NA	NA		
SR12	1/12/2018	Mid-Flood	Fine	Moderate	12:45	16	B	15	1	7.99		32.15		21.68		80.1		5.85			6.1			0.12			0.004			NA	NA	NA	NA		
SR12	1/12/2018	Mid-Flood	Fine	Moderate	12:45	16	B	15	2	7.99	7.99	32.15	32.15	21.67	21.68	80.2	80.2	5.89	5.87		6.0	6.1		0.12	0.12		0.004	0.004		NA	NA	NA	NA	NA	
SR12	1/12/2018	Mid-Flood	Fine	Moderate	12:45	16	B	15	3																					NA	NA	NA	NA		
SR13	1/12/2018	Mid-Flood	Fine	Moderate	13:07	15	S	1	1	7.98		32.35		21.74		84.8		6.16			6.5			NA			NA			NA	NA	NA	NA		
SR13	1/12/2018	Mid-Flood	Fine	Moderate	13:07	15	S	1	2	7.99	7.99	32.34	32.35	21.73	21.74	84.2	84.5	6.11	6.14		6.6	6.6		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	1/12/2018	Mid-Flood	Fine	Moderate	13:07	15	S	1	3											6.03										NA	NA	NA	NA		
SR13	1/12/2018	Mid-Flood	Fine	Moderate	13:07	15	M	7.5	1	7.99		32.29		21.71		81.3		5.92			6.9			NA			NA			NA	NA	NA	NA		
SR13	1/12/2018	Mid-Flood	Fine	Moderate	13:07	15	M	7.5	2	7.99	7.99	32.29	32.29	21.71	21.71	81.1	81.2	5.91	5.92		6.9	6.9	6.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	1/12/2018	Mid-Flood	Fine	Moderate	13:07	15	M	7.5	3																					NA	NA	NA	NA		
SR13	1/12/2018	Mid-Flood	Fine	Moderate	13:07	15	B	14	1	7.98		32.31		21.69		79.1		5.76			7.4			NA			NA			NA	NA	NA	NA		
SR13	1/12/2018	Mid-Flood	Fine	Moderate	13:07	15	B	14	2	7.98	7.98	32.31	32.31	21.69	21.69	79.0	79.1	5.76	5.76		7.3	7.4		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	1/12/2018	Mid-Flood	Fine	Moderate	13:07	15	B	14	3																					NA	NA	NA	NA		

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

Impact Monitoring Data

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	1/12/2018	Mid-Flood	Fine	Moderate	10:40	28	S	1	1	6			0.03			0.000			0.03	0.39	0.15	0.57			ND			<0.5			<1		
C1A	1/12/2018	Mid-Flood	Fine	Moderate	10:40	28	S	1	2	7	6		0.02	0.03		0.000	0.000		0.02	0.39	0.18	0.59	0.57		ND	1		<0.5	0.50		<1	1	
C1A	1/12/2018	Mid-Flood	Fine	Moderate	10:40	28	S	1	3										0.02	0.39	0.15	0.56											
C1A	1/12/2018	Mid-Flood	Fine	Moderate	10:40	28	M	14	1	5			0.05			0.002			0.05	0.38	0.16	0.59			ND			<0.5			<1		
C1A	1/12/2018	Mid-Flood	Fine	Moderate	10:40	28	M	14	2	5	5	6	0.05	0.05	0.03	0.002	0.002	0.001	0.05	0.38	0.17	0.60	0.60	0.58	ND	1	1	<0.5	0.50	0.50	<1	1	1
C1A	1/12/2018	Mid-Flood	Fine	Moderate	10:40	28	M	14	3										0.07	0.38	0.16	0.61											
C1A	1/12/2018	Mid-Flood	Fine	Moderate	10:40	28	B	27	1	5			<0.01			0.000			<0.01	0.37	0.18	0.56			ND			<0.5			<1		
C1A	1/12/2018	Mid-Flood	Fine	Moderate	10:40	28	B	27	2	5	5		0.02	0.02		0.001	0.001		0.02	0.38	0.16	0.56	0.56		ND	1		<0.5	0.50		<1	1	
C1A	1/12/2018	Mid-Flood	Fine	Moderate	10:40	28	B	27	3										<0.01	0.37	0.18	0.56											
C2A	1/12/2018	Mid-Flood	Fine	Moderate	13:31	15	S	1	1	6			0.27			0.009			0.27	0.16	0.10	0.53			150			<0.5			<1		
C2A	1/12/2018	Mid-Flood	Fine	Moderate	13:31	15	S	1	2	7	7		0.28	0.28		0.009	0.009		0.28	0.16	0.10	0.54	0.53		230	186		<0.5	0.50		<1	1	
C2A	1/12/2018	Mid-Flood	Fine	Moderate	13:31	15	S	1	3										0.29	0.15	0.09	0.53											
C2A	1/12/2018	Mid-Flood	Fine	Moderate	13:31	15	M	7.5	1	6			0.27			0.009			0.27	0.16	0.10	0.53			300			<0.5			<1		
C2A	1/12/2018	Mid-Flood	Fine	Moderate	13:31	15	M	7.5	2	6	6	7	0.28	0.28	0.28	0.009	0.009	0.009	0.28	0.16	0.10	0.54	0.54	0.54	270	285	213	<0.5	0.50	0.50	1	1	1
C2A	1/12/2018	Mid-Flood	Fine	Moderate	13:31	15	M	7.5	3										0.28	0.16	0.10	0.54											
C2A	1/12/2018	Mid-Flood	Fine	Moderate	13:31	15	B	14	1	7			0.29			0.010			0.29	0.14	0.12	0.55			210			<0.5			<1		
C2A	1/12/2018	Mid-Flood	Fine	Moderate	13:31	15	B	14	2	7	7		0.30	0.30		0.010	0.010		0.30	0.16	0.10	0.56	0.55		160	183		<0.5	0.50		<1	1	
C2A	1/12/2018	Mid-Flood	Fine	Moderate	13:31	15	B	14	3										0.28	0.16	0.10	0.54											
G2	1/12/2018	Mid-Flood	Fine	Moderate	11:34	12	S	1	1	5			NA			NA			0.04	0.23	0.14	0.41			NA			NA			NA		
G2	1/12/2018	Mid-Flood	Fine	Moderate	11:34	12	S	1	2	6	5		NA	NA		NA	NA		0.04	0.22	0.15	0.41	0.41		NA	NA		NA	NA		NA	NA	
G2	1/12/2018	Mid-Flood	Fine	Moderate	11:34	12	S	1	3										0.05	0.24	0.13	0.42											
G2	1/12/2018	Mid-Flood	Fine	Moderate	11:34	12	M	6	1	8			NA			NA			0.02	0.20	0.16	0.38			NA			NA			NA		
G2	1/12/2018	Mid-Flood	Fine	Moderate	11:34	12	M	6	2	8	8	7	NA	NA	NA	NA	NA	NA	0.02	0.21	0.15	0.38	0.38	0.39	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	1/12/2018	Mid-Flood	Fine	Moderate	11:34	12	M	6	3										0.03	0.20	0.14	0.37											
G2	1/12/2018	Mid-Flood	Fine	Moderate	11:34	12	B	11	1	8			NA			NA			0.02	0.21	0.15	0.38			NA			NA			NA		
G2	1/12/2018	Mid-Flood	Fine	Moderate	11:34	12	B	11	2	7	7		NA	NA		NA	NA		0.04	0.23	0.14	0.41	0.39		NA	NA		NA	NA		NA	NA	
G2	1/12/2018	Mid-Flood	Fine	Moderate	11:34	12	B	11	3										<0.01	0.21	0.15	0.37											
SR2	1/12/2018	Mid-Flood	Fine	Moderate	11:19	10	S	1	1	9			0.02			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	1/12/2018	Mid-Flood	Fine	Moderate	11:19	10	S	1	2	9	9		0.03	0.03		0.001	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	1/12/2018	Mid-Flood	Fine	Moderate	11:19	10	S	1	3										NA	NA	NA	NA											
SR2	1/12/2018	Mid-Flood	Fine	Moderate	11:19	10	M	5	1	8			0.03			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	1/12/2018	Mid-Flood	Fine	Moderate	11:19	10	M	5	2	9	9	9	0.03	0.03	0.03	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	1/12/2018	Mid-Flood	Fine	Moderate	11:19	10	M	5	3										NA	NA	NA	NA											
SR2	1/12/2018	Mid-Flood	Fine	Moderate	11:19	10	B	9	1	9			0.03			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	1/12/2018	Mid-Flood	Fine	Moderate	11:19	10	B	9	2	9	9		0.02	0.03		0.001	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	1/12/2018	Mid-Flood	Fine	Moderate	11:19	10	B	9	3										NA	NA	NA	NA											
SR3	1/12/2018	Mid-Flood	Fine	Moderate	11:56	10	S	1	1	6			0.04			0.001			NA	NA	NA	NA			NA			NA			NA		
SR3	1/12/2018	Mid-Flood	Fine	Moderate	11:56	10	S	1	2	6	6		0.05	0.05		0.002	0.002		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	1/12/2018	Mid-Flood	Fine	Moderate	11:56	10	S	1	3										NA	NA	NA	NA											
SR3	1/12/2018	Mid-Flood	Fine	Moderate	11:56	10	M	5	1	4			0.11			0.004			NA	NA	NA	NA			NA			NA			NA		
SR3	1/12/2018	Mid-Flood	Fine	Moderate	11:56	10	M	5	2	5	5	5	0.08	0.10	0.07	0.003	0.003	0.003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	1/12/2018	Mid-Flood	Fine	Moderate	11:56	10	M	5	3										NA	NA	NA	NA											
SR3	1/12/2018	Mid-Flood	Fine	Moderate	11:56	10	B	9	1	5			0.09			0.003			NA	NA	NA	NA			NA			NA			NA		
SR3	1/12/2018	Mid-Flood	Fine	Moderate	11:56	10	B	9	2	5	5		0.07	0.08		0.002	0.003		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	1/12/2018	Mid-Flood	Fine	Moderate	11:56	10	B	9	3										NA	NA	NA	NA											
SR4	1/12/2018	Mid-Flood	Fine	Moderate	12:21	4	S	1	1	5			0.21			0.007			NA	NA	NA	NA			84			<0.5			<1		
SR4	1/12/2018	Mid-Flood	Fine	Moderate	12:21	4	S	1	2	4	5		0.19	0.20		0.007	0.007		NA	NA	NA	NA	NA		72	78		<0.5	0.50		<1	1	
SR4	1/12/2018	Mid-Flood	Fine	Moderate	12:21	4	S	1	3										NA	NA	NA	NA											
SR4	1/12/2018	Mid-Flood	Fine	Moderate	12:21	4	M		1										NA	NA	NA	NA											
SR4	1/12/2018	Mid-Flood	Fine	Moderate	12:21	4	M		2		NA	5		NA	0.20		NA	0.007	NA	NA	NA	NA	NA	NA		NA	9		NA	0.50		NA	1
SR4	1/12/2018	Mid-Flood	Fine	Moderate	12:21	4	M		3										NA	NA	NA	NA											
SR4	1/12/2018	Mid-Flood	Fine	Moderate	12:21	4	B	3	1	5			0.21			0.007			NA	NA	NA	NA			ND			<0.5			<1		
SR4	1/12/2018	Mid-Flood	Fine	Moderate	12:21	4	B	3	2	4	5		0.20	0.21		0.007	0.007		NA	NA	NA	NA	NA		ND	1		<0.5	0.50		<1	1	
SR4	1/12/2018	Mid-Flood	Fine	Moderate	12:21	4	B	3	3										NA	NA	NA	NA											

Impact Monitoring Data

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.
SR5	1/12/2018	Mid-Flood	Fine	Moderate	10:59	10	S	1	1	4			NA			NA			0.02	0.33	0.18	0.53			NA			NA			NA		
SR5	1/12/2018	Mid-Flood	Fine	Moderate	10:59	10	S	1	2	4	4		NA	NA		NA	NA		0.02	0.34	0.18	0.54	0.53		NA	NA		NA	NA		NA	NA	
SR5	1/12/2018	Mid-Flood	Fine	Moderate	10:59	10	S	1	3										0.02	0.33	0.18	0.53											
SR5	1/12/2018	Mid-Flood	Fine	Moderate	10:59	10	M	5	1	5			NA			NA			0.09	0.34	0.17	0.60			NA			NA			NA		
SR5	1/12/2018	Mid-Flood	Fine	Moderate	10:59	10	M	5	2	5	5	5	NA	NA	NA	NA	NA	NA	0.10	0.34	0.16	0.60	0.59	0.59	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	1/12/2018	Mid-Flood	Fine	Moderate	10:59	10	M	5	3										0.06	0.34	0.17	0.57											
SR5	1/12/2018	Mid-Flood	Fine	Moderate	10:59	10	B	9	1	6			NA			NA			0.12	0.35	0.16	0.63			NA			NA			NA		
SR5	1/12/2018	Mid-Flood	Fine	Moderate	10:59	10	B	9	2	5	5		NA	NA		NA	NA		0.15	0.34	0.16	0.65	0.64		NA	NA		NA	NA		NA	NA	
SR5	1/12/2018	Mid-Flood	Fine	Moderate	10:59	10	B	9	3										0.13	0.34	0.17	0.64											
SR12	1/12/2018	Mid-Flood	Fine	Moderate	12:45	16	S	1	1	6			0.11			0.004			NA	NA	NA	NA			48			<0.5			<1		
SR12	1/12/2018	Mid-Flood	Fine	Moderate	12:45	16	S	1	2	6	6		0.10	0.11		0.003	0.004		NA	NA	NA	NA	NA		72	59		<0.5	0.50		<1	1	
SR12	1/12/2018	Mid-Flood	Fine	Moderate	12:45	16	S	1	3										NA	NA	NA	NA											
SR12	1/12/2018	Mid-Flood	Fine	Moderate	12:45	16	M	8	1	6			0.11			0.004			NA	NA	NA	NA			4			<0.5			<1		
SR12	1/12/2018	Mid-Flood	Fine	Moderate	12:45	16	M	8	2	6	6	7	0.11	0.11	0.11	0.004	0.004	0.004	NA	NA	NA	NA	NA	NA	3	3	6	<0.5	0.50	0.50	<1	1	1
SR12	1/12/2018	Mid-Flood	Fine	Moderate	12:45	16	M	8	3										NA	NA	NA	NA											
SR12	1/12/2018	Mid-Flood	Fine	Moderate	12:45	16	B	15	1	7			0.11			0.004			NA	NA	NA	NA			ND			<0.5			<1		
SR12	1/12/2018	Mid-Flood	Fine	Moderate	12:45	16	B	15	2	8	7		0.09	0.10		0.003	0.003		NA	NA	NA	NA	NA		ND	1		<0.5	0.50		<1	1	
SR12	1/12/2018	Mid-Flood	Fine	Moderate	12:45	16	B	15	3										NA	NA	NA	NA											
SR13	1/12/2018	Mid-Flood	Fine	Moderate	13:07	15	S	1	1	10			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	1/12/2018	Mid-Flood	Fine	Moderate	13:07	15	S	1	2	9	9		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	1/12/2018	Mid-Flood	Fine	Moderate	13:07	15	S	1	3										NA	NA	NA	NA											
SR13	1/12/2018	Mid-Flood	Fine	Moderate	13:07	15	M	7.5	1	10			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	1/12/2018	Mid-Flood	Fine	Moderate	13:07	15	M	7.5	2	9	10	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	1/12/2018	Mid-Flood	Fine	Moderate	13:07	15	M	7.5	3										NA	NA	NA	NA											
SR13	1/12/2018	Mid-Flood	Fine	Moderate	13:07	15	B	14	1	10			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	1/12/2018	Mid-Flood	Fine	Moderate	13:07	15	B	14	2	10	10		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	1/12/2018	Mid-Flood	Fine	Moderate	13:07	15	B	14	3										NA	NA	NA	NA											

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

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																													
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
C1A	1/12/2018	Mid-Ebb	Fine	Moderate	8:51	28	S	1	1	8.02		30.37		21.66		91.3		6.74			5.4			0.04			0.001			0.04	0.32	0.10	0.46		
C1A	1/12/2018	Mid-Ebb	Fine	Moderate	8:51	28	S	1	2	8.02	8.02	30.37	30.37	21.66	21.66	91.3	91.3	6.73	6.74		5.4	5.4		0.04	0.04		0.001	0.001		0.04	0.34	0.10	0.48	0.49	
C1A	1/12/2018	Mid-Ebb	Fine	Moderate	8:51	28	S	1	3																					0.04	0.36	0.12	0.52		
C1A	1/12/2018	Mid-Ebb	Fine	Moderate	8:51	28	M	14	1	8.03		30.68		21.42		90.0		6.65			5.9			0.04			0.001			0.04	0.26	0.13	0.43		
C1A	1/12/2018	Mid-Ebb	Fine	Moderate	8:51	28	M	14	2	8.04	8.04	30.69	30.69	21.42	21.42	89.9	90.0	6.64	6.65		6.0	6.0		0.04	0.04		0.001	0.001		0.04	0.27	0.13	0.44	0.44	
C1A	1/12/2018	Mid-Ebb	Fine	Moderate	8:51	28	M	14	3																					0.05	0.27	0.13	0.45		
C1A	1/12/2018	Mid-Ebb	Fine	Moderate	8:51	28	B	27	1	8.04		30.71		21.37		89.1		6.59			6.2			0.06			0.002			0.06	0.45	0.12	0.63		
C1A	1/12/2018	Mid-Ebb	Fine	Moderate	8:51	28	B	27	2	8.04	8.04	30.71	30.71	21.37	21.37	89.0	89.1	6.58	6.59		6.1	6.2		0.06	0.06		0.002	0.002		0.06	0.45	0.12	0.63	0.63	
C1A	1/12/2018	Mid-Ebb	Fine	Moderate	8:51	28	B	27	3																					0.06	0.45	0.12	0.63		
C2A	1/12/2018	Mid-Ebb	Fine	Moderate	6:31	15	S	1	1	7.94		32.55		21.53		85.9		6.27			3.8			0.16			0.005			0.16	0.36	0.05	0.57		
C2A	1/12/2018	Mid-Ebb	Fine	Moderate	6:31	15	S	1	2	7.94	7.94	32.55	32.55	21.54	21.54	85.8	85.9	6.26	6.27		3.8	3.8		0.16	0.16		0.005	0.005		0.16	0.36	0.06	0.58	0.58	
C2A	1/12/2018	Mid-Ebb	Fine	Moderate	6:31	15	S	1	3																					0.16	0.36	0.06	0.58		
C2A	1/12/2018	Mid-Ebb	Fine	Moderate	6:31	15	M	7.5	1	7.96		32.50		21.56		85.1		6.21			4.0			0.16			0.005			0.16	0.36	0.08	0.60		
C2A	1/12/2018	Mid-Ebb	Fine	Moderate	6:31	15	M	7.5	2	7.96	7.96	32.50	32.50	21.56	21.56	85.2	85.2	6.22	6.22		3.9	4.0		0.16	0.16		0.005	0.005		0.16	0.37	0.08	0.61	0.61	
C2A	1/12/2018	Mid-Ebb	Fine	Moderate	6:31	15	M	7.5	3																					0.16	0.37	0.08	0.61		
C2A	1/12/2018	Mid-Ebb	Fine	Moderate	6:31	15	B	14	1	7.97		32.48		21.57		84.4		6.16			4.1			0.16			0.005			0.16	0.37	0.09	0.62		
C2A	1/12/2018	Mid-Ebb	Fine	Moderate	6:31	15	B	14	2	7.97	7.97	32.49	32.49	21.57	21.57	84.4	84.4	6.15	6.16		4.1	4.1		0.17	0.17		0.005	0.005		0.17	0.37	0.09	0.63	0.62	
C2A	1/12/2018	Mid-Ebb	Fine	Moderate	6:31	15	B	14	3																					0.17	0.37	0.08	0.62		
G2	1/12/2018	Mid-Ebb	Fine	Moderate	8:09	12	S	1	1	7.99		31.99		21.50		87.1		6.37			5.2			NA			NA			0.08	0.02	0.36	0.46		
G2	1/12/2018	Mid-Ebb	Fine	Moderate	8:09	12	S	1	2	8.00	8.00	31.98	31.99	21.51	21.51	86.5	86.8	6.34	6.36		5.2	5.2		NA	NA		NA	NA		0.08	0.04	0.36	0.48	0.47	
G2	1/12/2018	Mid-Ebb	Fine	Moderate	8:09	12	S	1	3																					0.08	0.04	0.36	0.48		
G2	1/12/2018	Mid-Ebb	Fine	Moderate	8:09	12	M	6	1	8.01		32.01		21.53		85.1		6.23			5.7			NA			NA			0.07	0.03	0.30	0.40		
G2	1/12/2018	Mid-Ebb	Fine	Moderate	8:09	12	M	6	2	8.01	8.01	32.00	32.01	21.53	21.53	84.9	85.0	6.22	6.23		5.7	5.7		NA	NA		NA	NA		0.07	0.03	0.31	0.41	0.41	
G2	1/12/2018	Mid-Ebb	Fine	Moderate	8:09	12	M	6	3																					0.07	0.03	0.31	0.41		
G2	1/12/2018	Mid-Ebb	Fine	Moderate	8:09	12	B	11	1	8.01		32.02		21.53		84.5		6.18			6.1			NA			NA			0.07	0.04	0.20	0.31		
G2	1/12/2018	Mid-Ebb	Fine	Moderate	8:09	12	B	11	2	8.01	8.01	32.02	32.02	21.55	21.54	84.3	84.4	6.17	6.18		6.0	6.1		NA	NA		NA	NA		0.07	0.04	0.20	0.31	0.31	
G2	1/12/2018	Mid-Ebb	Fine	Moderate	8:09	12	B	11	3																					0.08	0.04	0.20	0.32		
SR2	1/12/2018	Mid-Ebb	Fine	Moderate	8:17	10	S	1	1	8.01		31.81		21.51		87.1		6.38			6.0			0.09			0.003			NA	NA	NA	NA		
SR2	1/12/2018	Mid-Ebb	Fine	Moderate	8:17	10	S	1	2	8.01	8.01	31.81	31.81	21.51	21.51	87.0	87.1	6.38	6.38		6.0	6.0		0.08	0.09		0.003	0.003		NA	NA	NA	NA	NA	
SR2	1/12/2018	Mid-Ebb	Fine	Moderate	8:17	10	S	1	3																					NA	NA	NA	NA		
SR2	1/12/2018	Mid-Ebb	Fine	Moderate	8:17	10	M	5	1	8.01		31.81		21.48		92.3		6.74			6.3			0.09			0.003			NA	NA	NA	NA		
SR2	1/12/2018	Mid-Ebb	Fine	Moderate	8:17	10	M	5	2	8.01	8.01	31.81	31.81	21.49	21.49	91.9	92.1	6.69	6.72		6.2	6.3		0.09	0.09		0.003	0.003		NA	NA	NA	NA	NA	NA
SR2	1/12/2018	Mid-Ebb	Fine	Moderate	8:17	10	M	5	3																					NA	NA	NA	NA		
SR2	1/12/2018	Mid-Ebb	Fine	Moderate	8:17	10	B	9	1	8.01		31.88		21.51		88.0		6.45			7.1			0.08			0.003			NA	NA	NA	NA		
SR2	1/12/2018	Mid-Ebb	Fine	Moderate	8:17	10	B	9	2	8.01	8.01	31.88	31.88	21.51	21.51	88.0	88.0	6.45	6.45		7.1	7.1		0.08	0.08		0.003	0.003		NA	NA	NA	NA	NA	
SR2	1/12/2018	Mid-Ebb	Fine	Moderate	8:17	10	B	9	3																					NA	NA	NA	NA		
SR3	1/12/2018	Mid-Ebb	Fine	Moderate	7:55	10	S	1	1	8.01		31.86		21.51		86.8		6.38			6.1			0.05			0.002			NA	NA	NA	NA		
SR3	1/12/2018	Mid-Ebb	Fine	Moderate	7:55	10	S	1	2	8.01	8.01	31.87	31.87	21.51	21.51	87.3	87.1	6.40	6.39		6.2	6.2		0.05	0.05		0.002	0.002		NA	NA	NA	NA	NA	
SR3	1/12/2018	Mid-Ebb	Fine	Moderate	7:55	10	S	1	3																					NA	NA	NA	NA		
SR3	1/12/2018	Mid-Ebb	Fine	Moderate	7:55	10	M	5	1	8.01		32.01		21.54		83.9		6.14			6.5			0.05			0.002			NA	NA	NA	NA		
SR3	1/12/2018	Mid-Ebb	Fine	Moderate	7:55	10	M	5	2	8.01	8.01	32.01	32.01	21.54	21.54	83.8	83.9	6.14	6.14		6.4	6.5		0.05	0.05		0.002	0.002		NA	NA	NA	NA	NA	NA
SR3	1/12/2018	Mid-Ebb	Fine	Moderate	7:55	10	M	5	3																					NA	NA	NA	NA		
SR3	1/12/2018	Mid-Ebb	Fine	Moderate	7:55	10	B	9	1	8.01		32.03		21.55		83.6		6.12			7.1			0.05			0.002			NA	NA	NA	NA		
SR3	1/12/2018	Mid-Ebb	Fine	Moderate	7:55	10	B	9	2	8.01	8.01	32.03	32.03	21.55	21.55	83.7	83.7	6.12	6.12		7.4	7.3		0.05	0.05		0.002	0.002		NA	NA	NA	NA	NA	
SR3	1/12/2018	Mid-Ebb	Fine	Moderate	7:55	10	B	9	3																					NA	NA	NA	NA		
SR4	1/12/2018	Mid-Ebb	Fine	Moderate	7:30	4	S	1	1	7.99		32.02		21.48		84.1		6.16			4.4			0.06			0.002			NA	NA	NA	NA		
SR4	1/12/2018	Mid-Ebb	Fine	Moderate	7:30	4	S	1	2	7.99	7.99	32.02	32.02	21.47	21.48	84.0	84.1	6.15	6.16		4.4	4.4		0.06	0.06		0.002	0.002		NA	NA	NA	NA	NA	
SR4	1/12/2018	Mid-Ebb	Fine	Moderate	7:30	4	S	1	3																					NA	NA	NA	NA		
SR4	1/12/2018	Mid-Ebb	Fine	Moderate	7:30	4	M		1																					NA	NA	NA	NA		
SR4	1/12/2018	Mid-Ebb	Fine	Moderate	7:30	4	M		2		NA		NA		NA		NA		NA			NA			NA			NA		NA	NA	NA	NA	NA	
SR4	1/12/2018	Mid-Ebb	Fine	Moderate	7:30	4	M		3																					NA	NA	NA	NA		
SR4	1/12/2018	Mid-Ebb	Fine	Moderate	7:30	4	B	3	1	8.00		32.05		21.46		83.3		6.11			4.1			0.08			0.003			NA	NA	NA	NA		
SR4	1/12/2018	Mid-Ebb	Fine	Moderate	7:30	4	B	3	2	8.00	8.00	32.06	32.06	21.46	21.46	83.4	83.4	6.12	6.12		4.1	4.1		0.08	0.08		0.003	0.003		NA	NA	NA	NA	NA	
SR4	1/12/2018	Mid-Ebb	Fine	Moderate	7:30	4	B	3	3																					NA	NA	NA	NA		

Impact Monitoring Data

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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR5	1/12/2018	Mid-Ebb	Fine	Moderate	8:38	10	S	1	1	8.03		30.77		21.38		90.8		6.72			5.7			NA			NA			0.04	0.33	0.09	0.46		
SR5	1/12/2018	Mid-Ebb	Fine	Moderate	8:38	10	S	1	2	8.04	8.04	30.79	30.78	21.39	21.39	90.8	90.8	6.71	6.72		6.0	5.9		NA	NA		NA	NA		0.04	0.31	0.10	0.45	0.45	
SR5	1/12/2018	Mid-Ebb	Fine	Moderate	8:38	10	S	1	3																					0.04	0.31	0.10	0.45		
SR5	1/12/2018	Mid-Ebb	Fine	Moderate	8:38	10	M	5	1	8.04		30.74		21.40		90.0		6.65			5.2			NA			NA			0.05	0.31	0.12	0.48		
SR5	1/12/2018	Mid-Ebb	Fine	Moderate	8:38	10	M	5	2	8.04	8.04	30.75	30.75	21.40	21.40	90.0	90.0	6.65	6.65	6.68	5.3	5.3	5.4	NA	NA	NA	NA	NA	NA	0.05	0.37	0.11	0.53	0.51	0.50
SR5	1/12/2018	Mid-Ebb	Fine	Moderate	8:38	10	M	5	3																					0.05	0.37	0.11	0.53		
SR5	1/12/2018	Mid-Ebb	Fine	Moderate	8:38	10	B	9	1	8.04		30.81		21.36		89.2		6.59			5.1			NA			NA			0.09	0.31	0.11	0.51		
SR5	1/12/2018	Mid-Ebb	Fine	Moderate	8:38	10	B	9	2	8.04	8.04	30.82	30.82	21.36	21.36	89.1	89.2	6.59	6.59		5.1	5.1		NA	NA		NA	NA		0.09	0.33	0.11	0.53	0.53	
SR5	1/12/2018	Mid-Ebb	Fine	Moderate	8:38	10	B	9	3																					0.09	0.34	0.11	0.54		
SR12	1/12/2018	Mid-Ebb	Fine	Moderate	7:16	16	S	1	1	7.99		32.07		21.51		85.2		6.24			5.1			0.14			0.005			NA	NA	NA	NA		
SR12	1/12/2018	Mid-Ebb	Fine	Moderate	7:16	16	S	1	2	8.00	8.00	32.07	32.07	21.51	21.51	85.0	85.1	6.21	6.23		5.4	5.3		0.14	0.14		0.005	0.005		NA	NA	NA	NA	NA	
SR12	1/12/2018	Mid-Ebb	Fine	Moderate	7:16	16	S	1	3											6.16										NA	NA	NA	NA		
SR12	1/12/2018	Mid-Ebb	Fine	Moderate	7:16	16	M	8	1	8.00		32.06		21.51		83.3		6.10			6.1			0.14			0.005			NA	NA	NA	NA		
SR12	1/12/2018	Mid-Ebb	Fine	Moderate	7:16	16	M	8	2	8.00	8.00	32.06	32.06	21.52	21.52	83.2	83.3	6.09	6.10		6.1	6.1	6.4	0.14	0.14	0.14	0.005	0.005	0.005	NA	NA	NA	NA	NA	NA
SR12	1/12/2018	Mid-Ebb	Fine	Moderate	7:16	16	M	8	3																					NA	NA	NA	NA		
SR12	1/12/2018	Mid-Ebb	Fine	Moderate	7:16	16	B	15	1	8.00		32.04		21.51		82.9		6.07			7.9			0.14			0.005			NA	NA	NA	NA		
SR12	1/12/2018	Mid-Ebb	Fine	Moderate	7:16	16	B	15	2	8.00	8.00	32.04	32.04	21.51	21.51	82.8	82.9	6.05	6.06		8.0	8.0		0.14	0.14		0.005	0.005		NA	NA	NA	NA	NA	
SR12	1/12/2018	Mid-Ebb	Fine	Moderate	7:16	16	B	15	3																					NA	NA	NA	NA		
SR13	1/12/2018	Mid-Ebb	Fine	Moderate	6:53	15	S	1	1	7.96		32.41		21.67		80.2		5.84			4.4			NA			NA			NA	NA	NA	NA		
SR13	1/12/2018	Mid-Ebb	Fine	Moderate	6:53	15	S	1	2	7.96	7.96	32.41	32.41	21.67	21.67	80.0	80.1	5.83	5.84		4.4	4.4		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	1/12/2018	Mid-Ebb	Fine	Moderate	6:53	15	S	1	3											5.76										NA	NA	NA	NA		
SR13	1/12/2018	Mid-Ebb	Fine	Moderate	6:53	15	M	7.5	1	7.96		32.41		21.69		78.1		5.68			4.6			NA			NA			NA	NA	NA	NA		
SR13	1/12/2018	Mid-Ebb	Fine	Moderate	6:53	15	M	7.5	2	7.96	7.96	32.20	32.31	21.69	21.69	78.0	78.1	5.68	5.68		4.5	4.6	4.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	1/12/2018	Mid-Ebb	Fine	Moderate	6:53	15	M	7.5	3																					NA	NA	NA	NA		
SR13	1/12/2018	Mid-Ebb	Fine	Moderate	6:53	15	B	14	1	7.96		32.41		21.69		77.8		5.67			4.7			NA			NA			NA	NA	NA	NA		
SR13	1/12/2018	Mid-Ebb	Fine	Moderate	6:53	15	B	14	2	7.96	7.96	32.42	32.42	21.69	21.69	77.9	77.9	5.67	5.67		4.8	4.8		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	1/12/2018	Mid-Ebb	Fine	Moderate	6:53	15	B	14	3																					NA	NA	NA	NA		

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

Impact Monitoring Data

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	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
C1A	1/12/2018	Mid-Ebb	Fine	Moderate	8:51	28	S	1	1	3			0.05			0.002			0.05	0.39	0.16	0.60			1			<0.5			<1		
C1A	1/12/2018	Mid-Ebb	Fine	Moderate	8:51	28	S	1	2	4	4		0.03	0.04		0.001	0.001		0.03	0.39	0.16	0.58	0.59		ND	1		<0.5	0.50		<1	1	
C1A	1/12/2018	Mid-Ebb	Fine	Moderate	8:51	28	S	1	3										0.03	0.39	0.17	0.59											
C1A	1/12/2018	Mid-Ebb	Fine	Moderate	8:51	28	M	14	1	4			0.05			0.002			0.05	0.38	0.17	0.60			ND			<0.5			<1		
C1A	1/12/2018	Mid-Ebb	Fine	Moderate	8:51	28	M	14	2	5	5	4	0.05	0.05	0.03	0.002	0.002	0.001	0.05	0.39	0.16	0.60	0.60	0.59	ND	1	1	<0.5	0.50	0.50	<1	1	1
C1A	1/12/2018	Mid-Ebb	Fine	Moderate	8:51	28	M	14	3										0.05	0.40	0.16	0.61											
C1A	1/12/2018	Mid-Ebb	Fine	Moderate	8:51	28	B	27	1	5			<0.01			0.000			<0.01	0.38	0.18	0.57			ND			<0.5			<1		
C1A	1/12/2018	Mid-Ebb	Fine	Moderate	8:51	28	B	27	2	5	5		<0.01	0.01		0.000	0.000		<0.01	0.39	0.18	0.58	0.57		ND	1		<0.5	0.50		<1	1	
C1A	1/12/2018	Mid-Ebb	Fine	Moderate	8:51	28	B	27	3										<0.01	0.38	0.18	0.57											
C2A	1/12/2018	Mid-Ebb	Fine	Moderate	6:31	15	S	1	1	4			0.20			0.006			0.20	0.20	0.11	0.51			ND			<0.5			<1		
C2A	1/12/2018	Mid-Ebb	Fine	Moderate	6:31	15	S	1	2	4	4		0.20	0.20		0.006	0.006		0.20	0.19	0.12	0.51	0.51		ND	1		<0.5	0.50		<1	1	
C2A	1/12/2018	Mid-Ebb	Fine	Moderate	6:31	15	S	1	3										0.22	0.20	0.10	0.52											
C2A	1/12/2018	Mid-Ebb	Fine	Moderate	6:31	15	M	7.5	1	5			0.28			0.009			0.28	0.19	0.11	0.58			ND			<0.5			<1		
C2A	1/12/2018	Mid-Ebb	Fine	Moderate	6:31	15	M	7.5	2	5	5	4	0.29	0.29	0.28	0.009	0.009	0.009	0.29	0.19	0.12	0.60	0.59	0.58	ND	1	1	<0.5	0.50	0.50	<1	1	1
C2A	1/12/2018	Mid-Ebb	Fine	Moderate	6:31	15	M	7.5	3										0.28	0.20	0.11	0.59											
C2A	1/12/2018	Mid-Ebb	Fine	Moderate	6:31	15	B	14	1	4			0.42			0.013			0.42	0.19	0.11	0.72			ND			<0.5			<1		
C2A	1/12/2018	Mid-Ebb	Fine	Moderate	6:31	15	B	14	2	5	4		0.27	0.35		0.009	0.011		0.27	0.19	0.11	0.57	0.63		ND	1		<0.5	0.50		<1	1	
C2A	1/12/2018	Mid-Ebb	Fine	Moderate	6:31	15	B	14	3										0.30	0.19	0.11	0.60											
G2	1/12/2018	Mid-Ebb	Fine	Moderate	8:09	12	S	1	1	7			NA			NA			0.05	0.24	0.14	0.43			NA			NA			NA		
G2	1/12/2018	Mid-Ebb	Fine	Moderate	8:09	12	S	1	2	7	7		NA	NA		NA	NA		0.03	0.24	0.14	0.41	0.42		NA	NA		NA	NA		NA	NA	
G2	1/12/2018	Mid-Ebb	Fine	Moderate	8:09	12	S	1	3										0.03	0.25	0.14	0.42											
G2	1/12/2018	Mid-Ebb	Fine	Moderate	8:09	12	M	6	1	7			NA			NA			0.03	0.25	0.14	0.42			NA			NA			NA		
G2	1/12/2018	Mid-Ebb	Fine	Moderate	8:09	12	M	6	2	7	7	7	NA	NA	NA	NA	NA	NA	0.04	0.24	0.13	0.41	0.41	0.41	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	1/12/2018	Mid-Ebb	Fine	Moderate	8:09	12	M	6	3										0.02	0.25	0.14	0.41											
G2	1/12/2018	Mid-Ebb	Fine	Moderate	8:09	12	B	11	1	7			NA			NA			0.03	0.24	0.13	0.40			NA			NA			NA		
G2	1/12/2018	Mid-Ebb	Fine	Moderate	8:09	12	B	11	2	7	7		NA	NA		NA	NA		0.01	0.24	0.14	0.39	0.40		NA	NA		NA	NA		NA	NA	
G2	1/12/2018	Mid-Ebb	Fine	Moderate	8:09	12	B	11	3										0.02	0.24	0.15	0.41											
SR2	1/12/2018	Mid-Ebb	Fine	Moderate	8:17	10	S	1	1	7			0.01			0.000			NA	NA	NA	NA			NA			NA			NA		
SR2	1/12/2018	Mid-Ebb	Fine	Moderate	8:17	10	S	1	2	8	8		0.02	0.02		0.001	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	1/12/2018	Mid-Ebb	Fine	Moderate	8:17	10	S	1	3										NA	NA	NA	NA											
SR2	1/12/2018	Mid-Ebb	Fine	Moderate	8:17	10	M	5	1	9			0.04			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	1/12/2018	Mid-Ebb	Fine	Moderate	8:17	10	M	5	2	9	9	9	0.05	0.05	0.03	0.002	0.002	0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	1/12/2018	Mid-Ebb	Fine	Moderate	8:17	10	M	5	3										NA	NA	NA	NA											
SR2	1/12/2018	Mid-Ebb	Fine	Moderate	8:17	10	B	9	1	10			0.04			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	1/12/2018	Mid-Ebb	Fine	Moderate	8:17	10	B	9	2	9	10		0.04	0.04		0.001	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	1/12/2018	Mid-Ebb	Fine	Moderate	8:17	10	B	9	3										NA	NA	NA	NA											
SR3	1/12/2018	Mid-Ebb	Fine	Moderate	7:55	10	S	1	1	4			0.04			0.001			NA	NA	NA	NA			NA			NA			NA		
SR3	1/12/2018	Mid-Ebb	Fine	Moderate	7:55	10	S	1	2	5	4		0.03	0.04		0.001	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	1/12/2018	Mid-Ebb	Fine	Moderate	7:55	10	S	1	3										NA	NA	NA	NA											
SR3	1/12/2018	Mid-Ebb	Fine	Moderate	7:55	10	M	5	1	5			0.07			0.002			NA	NA	NA	NA			NA			NA			NA		
SR3	1/12/2018	Mid-Ebb	Fine	Moderate	7:55	10	M	5	2	4	4	5	0.05	0.06	0.05	0.002	0.002	0.002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	1/12/2018	Mid-Ebb	Fine	Moderate	7:55	10	M	5	3										NA	NA	NA	NA											
SR3	1/12/2018	Mid-Ebb	Fine	Moderate	7:55	10	B	9	1	5			0.06			0.002			NA	NA	NA	NA			NA			NA			NA		
SR3	1/12/2018	Mid-Ebb	Fine	Moderate	7:55	10	B	9	2	5	5		0.05	0.06		0.002	0.002		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	1/12/2018	Mid-Ebb	Fine	Moderate	7:55	10	B	9	3										NA	NA	NA	NA											
SR4	1/12/2018	Mid-Ebb	Fine	Moderate	7:30	4	S	1	1	6			0.08			0.003			NA	NA	NA	NA			8			<0.5			<1		
SR4	1/12/2018	Mid-Ebb	Fine	Moderate	7:30	4	S	1	2	7	7		0.08	0.08		0.003	0.003		NA	NA	NA	NA	NA		12	10		<0.5	0.50		<1	1	
SR4	1/12/2018	Mid-Ebb	Fine	Moderate	7:30	4	S	1	3										NA	NA	NA	NA											
SR4	1/12/2018	Mid-Ebb	Fine	Moderate	7:30	4	M		1										NA	NA	NA	NA											
SR4	1/12/2018	Mid-Ebb	Fine	Moderate	7:30	4	M		2		NA	7		NA	0.06		NA	0.002	NA	NA	NA	NA	NA	NA		NA	11		NA	0.50		NA	1
SR4	1/12/2018	Mid-Ebb	Fine	Moderate	7:30	4	M		3										NA	NA	NA	NA											
SR4	1/12/2018	Mid-Ebb	Fine	Moderate	7:30	4	B	3	1	7			0.04			0.001			NA	NA	NA	NA			10			<0.5			<1		
SR4	1/12/2018	Mid-Ebb	Fine	Moderate	7:30	4	B	3	2	7	7		0.04	0.04		0.001	0.001		NA	NA	NA	NA	NA		13	11		<0.5	0.50		<1	1	
SR4	1/12/2018	Mid-Ebb	Fine	Moderate	7:30	4	B	3	3										NA	NA	NA	NA											

Impact Monitoring Data

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.
SR5	1/12/2018	Mid-Ebb	Fine	Moderate	8:38	10	S	1	1	4			NA			NA			0.05	0.34	0.15	0.54			NA			NA			NA		
SR5	1/12/2018	Mid-Ebb	Fine	Moderate	8:38	10	S	1	2	5	4		NA	NA		NA	NA		0.01	0.33	0.18	0.52	0.53		NA	NA		NA	NA		NA	NA	
SR5	1/12/2018	Mid-Ebb	Fine	Moderate	8:38	10	S	1	3										<0.01	0.35	0.18	0.54										
SR5	1/12/2018	Mid-Ebb	Fine	Moderate	8:38	10	M	5	1	4			NA			NA			0.09	0.34	0.17	0.60			NA			NA			NA		
SR5	1/12/2018	Mid-Ebb	Fine	Moderate	8:38	10	M	5	2	4	4	4	NA	NA	NA	NA	NA	NA	0.06	0.35	0.17	0.58	0.58	0.59	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	1/12/2018	Mid-Ebb	Fine	Moderate	8:38	10	M	5	3										0.07	0.35	0.15	0.57										
SR5	1/12/2018	Mid-Ebb	Fine	Moderate	8:38	10	B	9	1	4			NA			NA			0.13	0.36	0.15	0.64			NA			NA			NA		
SR5	1/12/2018	Mid-Ebb	Fine	Moderate	8:38	10	B	9	2	5	4		NA	NA		NA	NA		0.16	0.36	0.15	0.67	0.66		NA	NA		NA	NA		NA	NA	
SR5	1/12/2018	Mid-Ebb	Fine	Moderate	8:38	10	B	9	3										0.15	0.36	0.16	0.67										
SR12	1/12/2018	Mid-Ebb	Fine	Moderate	7:16	16	S	1	1	7			0.06			0.002			NA	NA	NA	NA			ND			<0.5			<1		
SR12	1/12/2018	Mid-Ebb	Fine	Moderate	7:16	16	S	1	2	7	7		0.07	0.07		0.002	0.002		NA	NA	NA	NA	NA		ND	1		<0.5	0.50		<1	1	
SR12	1/12/2018	Mid-Ebb	Fine	Moderate	7:16	16	S	1	3										NA	NA	NA	NA											
SR12	1/12/2018	Mid-Ebb	Fine	Moderate	7:16	16	M	8	1	7			0.17			0.006			NA	NA	NA	NA			ND			<0.5			<1		
SR12	1/12/2018	Mid-Ebb	Fine	Moderate	7:16	16	M	8	2	7	7	8	0.15	0.16	0.12	0.005	0.005	0.004	NA	NA	NA	NA	NA	NA	ND	1	1	<0.5	0.50	0.50	<1	1	1
SR12	1/12/2018	Mid-Ebb	Fine	Moderate	7:16	16	M	8	3										NA	NA	NA	NA											
SR12	1/12/2018	Mid-Ebb	Fine	Moderate	7:16	16	B	15	1	9			0.13			0.004			NA	NA	NA	NA			ND			<0.5			<1		
SR12	1/12/2018	Mid-Ebb	Fine	Moderate	7:16	16	B	15	2	8	8		0.12	0.13		0.004	0.004		NA	NA	NA	NA	NA		ND	1		<0.5	0.50		<1	1	
SR12	1/12/2018	Mid-Ebb	Fine	Moderate	7:16	16	B	15	3										NA	NA	NA	NA											
SR13	1/12/2018	Mid-Ebb	Fine	Moderate	6:53	15	S	1	1	4			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	1/12/2018	Mid-Ebb	Fine	Moderate	6:53	15	S	1	2	4	4		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	1/12/2018	Mid-Ebb	Fine	Moderate	6:53	15	S	1	3										NA	NA	NA	NA											
SR13	1/12/2018	Mid-Ebb	Fine	Moderate	6:53	15	M	7.5	1	4			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	1/12/2018	Mid-Ebb	Fine	Moderate	6:53	15	M	7.5	2	5	5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	1/12/2018	Mid-Ebb	Fine	Moderate	6:53	15	M	7.5	3										NA	NA	NA	NA											
SR13	1/12/2018	Mid-Ebb	Fine	Moderate	6:53	15	B	14	1	5			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	1/12/2018	Mid-Ebb	Fine	Moderate	6:53	15	B	14	2	6	5		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	1/12/2018	Mid-Ebb	Fine	Moderate	6:53	15	B	14	3										NA	NA	NA	NA											

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

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																												
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.				Value	Ave.	Depth Ave.
C1A	4/12/2018	Mid-Flood	Cloudy	Rough	13:30	28	S	1	1	8.05		30.05		22.06		92.1		6.67			4.3			0.04			0.002			0.04	0.29	0.13	0.46		
C1A	4/12/2018	Mid-Flood	Cloudy	Rough	13:30	28	S	1	2	8.05	8.05	30.05	30.05	22.00	22.00	92.1	92.1	6.67	6.67		4.3	4.3		0.04	0.04		0.002	0.002		0.04	0.28	0.13	0.45	0.45	
C1A	4/12/2018	Mid-Flood	Cloudy	Rough	13:30	28	S	1	3																					0.04	0.28	0.13	0.45		
C1A	4/12/2018	Mid-Flood	Cloudy	Rough	13:30	28	M	14	1	8.05		30.15		22.00		94.3		6.91			4.3			0.01			0.000			0.01	0.55	0.12	0.68		
C1A	4/12/2018	Mid-Flood	Cloudy	Rough	13:30	28	M	14	2	8.05	8.05	30.15	30.15	22.00	22.00	94.2	94.3	6.91	6.91	6.79	4.3	4.3	4.5	0.01	0.01	0.03	0.000	0.000	0.001	0.01	0.55	0.13	0.69	0.69	0.64
C1A	4/12/2018	Mid-Flood	Cloudy	Rough	13:30	28	M	14	3																					0.01	0.55	0.13	0.69		
C1A	4/12/2018	Mid-Flood	Cloudy	Rough	13:30	28	B	27	1	7.93		30.20		21.69		84.0		5.89			4.9			0.03			0.001			0.03	0.63	0.13	0.79		
C1A	4/12/2018	Mid-Flood	Cloudy	Rough	13:30	28	B	27	2	7.93	7.93	30.20	30.20	21.69	21.69	84.0	84.0	5.89	5.89		4.9	4.9		0.03	0.03		0.001	0.001		0.03	0.63	0.13	0.79	0.79	
C1A	4/12/2018	Mid-Flood	Cloudy	Rough	13:30	28	B	27	3																					0.03	0.63	0.13	0.79		
C2A	4/12/2018	Mid-Flood	Fine	Rough	15:39	13	S	1	1	7.96		32.26		21.74		80.1		5.83			5.7			0.62			0.020			0.62	0.10	0.13	0.85		
C2A	4/12/2018	Mid-Flood	Fine	Rough	15:39	13	S	1	2	7.96	7.96	32.26	32.26	21.73	21.74	79.2	79.7	5.74	5.79		5.7	5.7		0.63	0.63		0.020	0.020		0.63	0.10	0.13	0.86	0.86	
C2A	4/12/2018	Mid-Flood	Fine	Rough	15:39	13	S	1	3																					0.63	0.10	0.13	0.86		
C2A	4/12/2018	Mid-Flood	Fine	Rough	15:39	13	M	6.5	1	7.90		32.20		21.70		77.9		5.43			5.3			0.56			0.015			0.56	0.10	0.12	0.78		
C2A	4/12/2018	Mid-Flood	Fine	Rough	15:39	13	M	6.5	2	7.90	7.90	32.20	32.20	21.70	21.70	77.8	77.9	5.43	5.43	5.61	5.3	5.3	5.7	0.57	0.57	0.54	0.016	0.016	0.014	0.57	0.10	0.11	0.78	0.78	0.77
C2A	4/12/2018	Mid-Flood	Fine	Rough	15:39	13	M	6.5	3																					0.57	0.10	0.11	0.78		
C2A	4/12/2018	Mid-Flood	Fine	Rough	15:39	13	B	12	1	7.73		32.46		21.68		78.4		7.98			6.0			0.41			0.008			0.41	0.15	0.10	0.66		
C2A	4/12/2018	Mid-Flood	Fine	Rough	15:39	13	B	12	2	7.73	7.73	32.46	32.46	21.68	21.68	78.4	78.4	7.98	7.98		6.0	6.0		0.42	0.42		0.008	0.008		0.42	0.15	0.10	0.67	0.67	
C2A	4/12/2018	Mid-Flood	Fine	Rough	15:39	13	B	12	3																					0.42	0.15	0.10	0.67		
G2	4/12/2018	Mid-Flood	Cloudy	Moderate	14:19	12	S	1	1	8.08		31.73		21.90		93.7		6.86			4.1			NA			NA			0.10	0.26	0.12	0.48		
G2	4/12/2018	Mid-Flood	Cloudy	Moderate	14:19	12	S	1	2	8.08	8.08	31.73	31.73	21.90	21.90	93.8	93.8	6.87	6.87		4.1	4.1		NA	NA		NA	NA		0.10	0.26	0.12	0.48	0.48	
G2	4/12/2018	Mid-Flood	Cloudy	Moderate	14:19	12	S	1	3																					0.10	0.26	0.12	0.48		
G2	4/12/2018	Mid-Flood	Cloudy	Moderate	14:19	12	M	6	1	8.03		31.70		21.87		90.0		6.54			4.5			NA			NA			0.08	0.22	0.14	0.44		
G2	4/12/2018	Mid-Flood	Cloudy	Moderate	14:19	12	M	6	2	8.03	8.03	31.70	31.70	21.85	21.86	88.9	89.5	6.49	6.52	6.69	4.5	4.5	4.6	NA	NA	NA	NA	NA	NA	0.08	0.23	0.13	0.44	0.44	0.52
G2	4/12/2018	Mid-Flood	Cloudy	Moderate	14:19	12	M	6	3																					0.08	0.23	0.13	0.44		
G2	4/12/2018	Mid-Flood	Cloudy	Moderate	14:19	12	B	11	1	8.09		31.83		21.67		84.5		6.21			5.2			NA			NA			0.06	0.45	0.13	0.64		
G2	4/12/2018	Mid-Flood	Cloudy	Moderate	14:19	12	B	11	2	8.08	8.09	31.82	31.83	21.63	21.65	84.5	84.5	6.21	6.21		5.2	5.2		NA	NA		NA	NA		0.06	0.45	0.13	0.64	0.64	
G2	4/12/2018	Mid-Flood	Cloudy	Moderate	14:19	12	B	11	3																					0.06	0.45	0.13	0.64		
SR2	4/12/2018	Mid-Flood	Cloudy	Rough	14:00	9	S	1	1	8.04		31.72		21.85		89.0		6.48			4.4			0.10			0.004			NA	NA	NA	NA		
SR2	4/12/2018	Mid-Flood	Cloudy	Rough	14:00	9	S	1	2	8.04	8.04	31.71	31.72	21.85	21.85	89.1	89.1	6.48	6.48		4.4	4.4		0.10	0.10		0.004	0.004		NA	NA	NA	NA	NA	
SR2	4/12/2018	Mid-Flood	Cloudy	Rough	14:00	9	S	1	3																					NA	NA	NA	NA		
SR2	4/12/2018	Mid-Flood	Cloudy	Rough	14:00	9	M	4.5	1	8.00		31.78		21.86		88.2		6.43			5.8			0.07			0.002			NA	NA	NA	NA		
SR2	4/12/2018	Mid-Flood	Cloudy	Rough	14:00	9	M	4.5	2	8.00	8.00	31.76	31.77	21.86	21.86	88.2	88.2	6.40	6.42	6.45	5.8	5.8	4.9	0.07	0.07	0.07	0.002	0.002	0.003	NA	NA	NA	NA	NA	NA
SR2	4/12/2018	Mid-Flood	Cloudy	Rough	14:00	9	M	4.5	3																					NA	NA	NA	NA		
SR2	4/12/2018	Mid-Flood	Cloudy	Rough	14:00	9	B	8	1	7.98		31.70		21.74		94.1		6.90			4.4			0.05			0.002			NA	NA	NA	NA		
SR2	4/12/2018	Mid-Flood	Cloudy	Rough	14:00	9	B	8	2	7.98	7.98	31.69	31.70	21.74	21.74	94.1	94.1	6.90	6.90		4.4	4.4		0.05	0.05		0.002	0.002		NA	NA	NA	NA	NA	
SR2	4/12/2018	Mid-Flood	Cloudy	Rough	14:00	9	B	8	3																					NA	NA	NA	NA		
SR3	4/12/2018	Mid-Flood	Cloudy	Moderate	14:32	9	S	1	1	7.97		31.42		21.76		95.5		6.91			5.0			0.07			0.002			NA	NA	NA	NA		
SR3	4/12/2018	Mid-Flood	Cloudy	Moderate	14:32	9	S	1	2	7.97	7.97	31.36	31.39	21.76	21.76	96.1	95.8	6.90	6.91		5.0	5.0		0.07	0.07		0.002	0.002		NA	NA	NA	NA	NA	
SR3	4/12/2018	Mid-Flood	Cloudy	Moderate	14:32	9	S	1	3																					NA	NA	NA	NA		
SR3	4/12/2018	Mid-Flood	Cloudy	Moderate	14:32	9	M	4.5	1	8.03		31.73		21.66		90.6		6.72			5.4			0.08			0.003			NA	NA	NA	NA		
SR3	4/12/2018	Mid-Flood	Cloudy	Moderate	14:32	9	M	4.5	2	8.03	8.03	31.73	31.73	21.66	21.66	90.6	90.6	6.71	6.72	6.81	5.4	5.4	5.3	0.08	0.08	0.07	0.003	0.003	0.002	NA	NA	NA	NA	NA	NA
SR3	4/12/2018	Mid-Flood	Cloudy	Moderate	14:32	9	M	4.5	3																					NA	NA	NA	NA		
SR3	4/12/2018	Mid-Flood	Cloudy	Moderate	14:32	9	B	8	1	8.00		31.76		21.8		87.0		6.35			5.6			0.06			0.002			NA	NA	NA	NA		
SR3	4/12/2018	Mid-Flood	Cloudy	Moderate	14:32	9	B	8	2	8.00	8.00	31.76	31.76	21.8	21.78	86.5	86.8	6.30	6.33		5.6	5.6		0.06	0.06		0.002	0.002		NA	NA	NA	NA	NA	
SR3	4/12/2018	Mid-Flood	Cloudy	Moderate	14:32	9	B	8	3																					NA	NA	NA	NA		
SR4	4/12/2018	Mid-Flood	Cloudy	Moderate	14:48	4	S	1	1	8.00		31.60		21.83		87.3		6.38			3.6			0.07			0.002			NA	NA	NA	NA		
SR4	4/12/2018	Mid-Flood	Cloudy	Moderate	14:48	4	S	1	2	8.00	8.00	31.59	31.60	21.83	21.83	87.3	87.3	6.38	6.38		3.6	3.6		0.07	0.07		0.002	0.002		NA	NA	NA	NA	NA	
SR4	4/12/2018	Mid-Flood	Cloudy	Moderate	14:48	4	S	1	3																					NA	NA	NA	NA		
SR4	4/12/2018	Mid-Flood	Cloudy	Moderate	14:48	4	M		1																					NA	NA	NA	NA		
SR4	4/12/2018	Mid-Flood	Cloudy	Moderate	14:48	4	M		2		NA		NA		NA		NA		NA	6.38		NA	4.0		NA	0.08		NA	0.003	NA	NA	NA	NA	NA	NA
SR4	4/12/2018	Mid-Flood	Cloudy	Moderate	14:48	4	M		3																					NA	NA	NA	NA		
SR4	4/12/2018	Mid-Flood	Cloudy	Moderate	14:48	4	B	3	1	8.00		31.43		21.73		82.2		6.07			4.3			0.09			0.003			NA	NA	NA	NA		
SR4	4/12/2018	Mid-Flood	Cloudy	Moderate	14:48	4	B	3	2	8.00	8.00	31.43	31.43	21.73	21.73	82.2	82.2	6.07	6.07		4.3	4.3		0.09	0.09		0.003	0.003		NA	NA	NA	NA	NA	
SR4	4/12/2018	Mid-Flood	Cloudy	Moderate	14:48	4	B	3	3																					NA	NA	NA	NA		

Impact Monitoring Data

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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR5	4/12/2018	Mid-Flood	Cloudy	Rough	13:47	11	S	1	1	8.06		30.13		22.02		94.5		6.85			4.2			NA			NA			0.08	0.41	0.16	0.65		
SR5	4/12/2018	Mid-Flood	Cloudy	Rough	13:47	11	S	1	2	8.06	8.06	30.13	30.13	22.02	22.02	94.5	94.5	6.85	6.85		4.2	4.2		NA	NA		NA	NA		0.09	0.41	0.15	0.65	0.65	
SR5	4/12/2018	Mid-Flood	Cloudy	Rough	13:47	11	S	1	3																					0.09	0.41	0.15	0.65		
SR5	4/12/2018	Mid-Flood	Cloudy	Rough	13:47	11	M	5.5	1	8.03		30.27		21.94		93.4		6.72			4.1			NA			NA			0.08	0.39	0.15	0.62		
SR5	4/12/2018	Mid-Flood	Cloudy	Rough	13:47	11	M	5.5	2	8.03	8.03	30.27	30.27	21.94	21.94	93.0	93.2	6.72	6.72	6.79	4.1	4.1	4.1	NA	NA	NA	NA	NA	NA	0.08	0.39	0.15	0.62	0.62	0.64
SR5	4/12/2018	Mid-Flood	Cloudy	Rough	13:47	11	M	5.5	3																					0.08	0.39	0.15	0.62		
SR5	4/12/2018	Mid-Flood	Cloudy	Rough	13:47	11	B	10	1	8.01		30.33		21.84		93.0		6.85			4.0			NA			NA			0.10	0.41	0.13	0.64		
SR5	4/12/2018	Mid-Flood	Cloudy	Rough	13:47	11	B	10	2	8.01	8.01	30.33	30.33	21.84	21.84	93.2	93.1	6.86	6.86		4.0	4.0		NA	NA		NA	NA		0.10	0.41	0.13	0.64	0.64	
SR5	4/12/2018	Mid-Flood	Cloudy	Rough	13:47	11	B	10	3																					0.10	0.41	0.13	0.64		
SR12	4/12/2018	Mid-Flood	Fine	Rough	15:00	15	S	1	1	8.02		31.82		21.75		85.5		6.21			5.0			0.03			0.001			NA	NA	NA	NA		
SR12	4/12/2018	Mid-Flood	Fine	Rough	15:00	15	S	1	2	8.02	8.02	31.81	31.82	21.75	21.75	85.2	85.4	6.20	6.21		5.0	5.0		0.03	0.03		0.001	0.001		NA	NA	NA	NA	NA	
SR12	4/12/2018	Mid-Flood	Fine	Rough	15:00	15	S	1	3																					NA	NA	NA	NA		
SR12	4/12/2018	Mid-Flood	Fine	Rough	15:00	15	M	7.5	1	8.00		31.87		21.76		80.4		6.04			5.5			0.03			0.001			NA	NA	NA	NA		
SR12	4/12/2018	Mid-Flood	Fine	Rough	15:00	15	M	7.5	2	8.00	8.00	31.87	31.87	21.76	21.76	80.2	80.3	6.00	6.02	6.11	5.4	5.5	5.1	0.04	0.04	0.03	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA
SR12	4/12/2018	Mid-Flood	Fine	Rough	15:00	15	M	7.5	3																					NA	NA	NA	NA		
SR12	4/12/2018	Mid-Flood	Fine	Rough	15:00	15	B	14	1	7.95		31.72		21.54		77.2		5.45			4.7			0.03			0.001			NA	NA	NA	NA		
SR12	4/12/2018	Mid-Flood	Fine	Rough	15:00	15	B	14	2	7.96	7.96	31.72	31.72	21.52	21.53	77.2	77.2	5.43	5.44		4.7	4.7		0.03	0.03		0.001	0.001		NA	NA	NA	NA	NA	
SR12	4/12/2018	Mid-Flood	Fine	Rough	15:00	15	B	14	3																					NA	NA	NA	NA		
SR13	4/12/2018	Mid-Flood	Fine	Rough	15:17	14	S	1	1	7.97		32.27		21.94		89.5		5.92			4.7			NA			NA			NA	NA	NA	NA		
SR13	4/12/2018	Mid-Flood	Fine	Rough	15:17	14	S	1	2	7.97	7.97	32.27	32.27	21.94	21.94	89.0	89.3	5.91	5.92		4.6	4.7		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	4/12/2018	Mid-Flood	Fine	Rough	15:17	14	S	1	3																					NA	NA	NA	NA		
SR13	4/12/2018	Mid-Flood	Fine	Rough	15:17	14	M	7	1	7.90		32.24		21.86		83.4		5.90		5.91	5.0			NA			NA			NA	NA	NA	NA		
SR13	4/12/2018	Mid-Flood	Fine	Rough	15:17	14	M	7	2	7.90	7.90	32.24	32.24	21.86	21.86	83.4	83.4	5.90	5.90		5.0	5.0	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	4/12/2018	Mid-Flood	Fine	Rough	15:17	14	M	7	3																					NA	NA	NA	NA		
SR13	4/12/2018	Mid-Flood	Fine	Rough	15:17	14	B	13	1	7.85		32.25		21.86		80.6		5.86			5.4			NA			NA			NA	NA	NA	NA		
SR13	4/12/2018	Mid-Flood	Fine	Rough	15:17	14	B	13	2	7.85	7.85	32.25	32.25	21.86	21.86	80.5	80.6	5.86	5.86		5.4	5.4		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	4/12/2018	Mid-Flood	Fine	Rough	15:17	14	B	13	3																					NA	NA	NA	NA		

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

Impact Monitoring Data

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	4/12/2018	Mid-Flood	Cloudy	Rough	13:30	28	S	1	1	3			<0.01			0.000			<0.01	0.47	0.16	0.64			78			NA			2		
C1A	4/12/2018	Mid-Flood	Cloudy	Rough	13:30	28	S	1	2	2	2		<0.01	0.01		0.000	0.000		<0.01	0.47	0.16	0.64	0.65		120	97		NA	NA		2	2	
C1A	4/12/2018	Mid-Flood	Cloudy	Rough	13:30	28	S	1	3										<0.01	0.49	0.16	0.66											
C1A	4/12/2018	Mid-Flood	Cloudy	Rough	13:30	28	M	14	1	4			<0.01			0.000			<0.01	0.47	0.16	0.64			110			NA			2		
C1A	4/12/2018	Mid-Flood	Cloudy	Rough	13:30	28	M	14	2	3	3	3	<0.01	0.01	0.01	0.000	0.000	0.000	<0.01	0.47	0.16	0.64	0.64	0.65	180	141	73	NA	NA	NA	<1	2	2
C1A	4/12/2018	Mid-Flood	Cloudy	Rough	13:30	28	M	14	3										<0.01	0.47	0.16	0.64											
C1A	4/12/2018	Mid-Flood	Cloudy	Rough	13:30	28	B	27	1	4			<0.01			0.000			<0.01	0.48	0.16	0.65			30			NA			2		
C1A	4/12/2018	Mid-Flood	Cloudy	Rough	13:30	28	B	27	2	4	4		0.01	0.01		0.000	0.000		0.01	0.48	0.16	0.65	0.65		28	29		NA	NA		2	2	
C1A	4/12/2018	Mid-Flood	Cloudy	Rough	13:30	28	B	27	3										<0.01	0.48	0.16	0.65											
C2A	4/12/2018	Mid-Flood	Fine	Rough	15:39	13	S	1	1	5			0.48			0.015			0.48	0.19	0.09	0.76			12			NA			3		
C2A	4/12/2018	Mid-Flood	Fine	Rough	15:39	13	S	1	2	5	5		0.50	0.49		0.016	0.015		0.50	0.20	0.09	0.79	0.78		7	9		NA	NA		3	3	
C2A	4/12/2018	Mid-Flood	Fine	Rough	15:39	13	S	1	3										0.50	0.19	0.09	0.78											
C2A	4/12/2018	Mid-Flood	Fine	Rough	15:39	13	M	6.5	1	5			0.49			0.014			0.49	0.20	0.09	0.78			300			NA			3		
C2A	4/12/2018	Mid-Flood	Fine	Rough	15:39	13	M	6.5	2	5	5	5	0.58	0.54	0.51	0.016	0.015	0.013	0.58	0.19	0.08	0.85	0.80	0.79	420	355	152	NA	NA	NA	3	3	3
C2A	4/12/2018	Mid-Flood	Fine	Rough	15:39	13	M	6.5	3										0.48	0.20	0.10	0.78											
C2A	4/12/2018	Mid-Flood	Fine	Rough	15:39	13	B	12	1	5			0.51			0.010			0.51	0.21	0.09	0.81			1500			NA			4		
C2A	4/12/2018	Mid-Flood	Fine	Rough	15:39	13	B	12	2	6	6		0.51	0.51		0.010	0.010		0.51	0.21	0.09	0.81	0.80		790	1089		NA	NA		4	4	
C2A	4/12/2018	Mid-Flood	Fine	Rough	15:39	13	B	12	3										0.51	0.19	0.09	0.79											
G2	4/12/2018	Mid-Flood	Cloudy	Moderate	14:19	12	S	1	1	3			NA			NA			0.04	0.29	0.12	0.45			NA			NA			NA		
G2	4/12/2018	Mid-Flood	Cloudy	Moderate	14:19	12	S	1	2	4	3		NA	NA		NA	NA		0.03	0.29	0.13	0.45	0.45		NA	NA		NA	NA		NA	NA	
G2	4/12/2018	Mid-Flood	Cloudy	Moderate	14:19	12	S	1	3										0.04	0.30	0.12	0.46											
G2	4/12/2018	Mid-Flood	Cloudy	Moderate	14:19	12	M	6	1	3			NA			NA			0.02	0.49	0.15	0.66			NA			NA			NA		
G2	4/12/2018	Mid-Flood	Cloudy	Moderate	14:19	12	M	6	2	3	3	3	NA	NA	NA	NA	NA	NA	0.04	0.30	0.12	0.46	0.52	0.48	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	4/12/2018	Mid-Flood	Cloudy	Moderate	14:19	12	M	6	3										0.04	0.30	0.11	0.45											
G2	4/12/2018	Mid-Flood	Cloudy	Moderate	14:19	12	B	11	1	3			NA			NA			0.04	0.30	0.12	0.46			NA			NA			NA		
G2	4/12/2018	Mid-Flood	Cloudy	Moderate	14:19	12	B	11	2	3	3		NA	NA		NA	NA		0.04	0.30	0.12	0.46	0.46		NA	NA		NA	NA		NA	NA	
G2	4/12/2018	Mid-Flood	Cloudy	Moderate	14:19	12	B	11	3										0.03	0.30	0.12	0.45											
SR2	4/12/2018	Mid-Flood	Cloudy	Rough	14:00	9	S	1	1	4			0.10			0.004			NA	NA	NA	NA			NA			NA			NA		
SR2	4/12/2018	Mid-Flood	Cloudy	Rough	14:00	9	S	1	2	3	3		0.09	0.10		0.003	0.004		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	4/12/2018	Mid-Flood	Cloudy	Rough	14:00	9	S	1	3										NA	NA	NA	NA											
SR2	4/12/2018	Mid-Flood	Cloudy	Rough	14:00	9	M	4.5	1	4			0.05			0.002			NA	NA	NA	NA			NA			NA			NA		
SR2	4/12/2018	Mid-Flood	Cloudy	Rough	14:00	9	M	4.5	2	4	4	4	0.10	0.08	0.08	0.003	0.003	0.003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	4/12/2018	Mid-Flood	Cloudy	Rough	14:00	9	M	4.5	3										NA	NA	NA	NA											
SR2	4/12/2018	Mid-Flood	Cloudy	Rough	14:00	9	B	8	1	4			0.04			0.001			NA	NA	NA	NA			NA			NA			NA		
SR2	4/12/2018	Mid-Flood	Cloudy	Rough	14:00	9	B	8	2	4	4		0.09	0.07		0.003	0.002		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	4/12/2018	Mid-Flood	Cloudy	Rough	14:00	9	B	8	3										NA	NA	NA	NA											
SR3	4/12/2018	Mid-Flood	Cloudy	Moderate	14:32	9	S	1	1	4			0.04			0.001			NA	NA	NA	NA			NA			NA			NA		
SR3	4/12/2018	Mid-Flood	Cloudy	Moderate	14:32	9	S	1	2	4	4		0.04	0.04		0.001	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	4/12/2018	Mid-Flood	Cloudy	Moderate	14:32	9	S	1	3										NA	NA	NA	NA											
SR3	4/12/2018	Mid-Flood	Cloudy	Moderate	14:32	9	M	4.5	1	4			0.04			0.001			NA	NA	NA	NA			NA			NA			NA		
SR3	4/12/2018	Mid-Flood	Cloudy	Moderate	14:32	9	M	4.5	2	4	4	4	0.04	0.04	0.04	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	4/12/2018	Mid-Flood	Cloudy	Moderate	14:32	9	M	4.5	3										NA	NA	NA	NA											
SR3	4/12/2018	Mid-Flood	Cloudy	Moderate	14:32	9	B	8	1	4			0.04			0.001			NA	NA	NA	NA			NA			NA			NA		
SR3	4/12/2018	Mid-Flood	Cloudy	Moderate	14:32	9	B	8	2	3	3		0.04	0.04		0.001	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	4/12/2018	Mid-Flood	Cloudy	Moderate	14:32	9	B	8	3										NA	NA	NA	NA											
SR4	4/12/2018	Mid-Flood	Cloudy	Moderate	14:48	4	S	1	1	3			0.04			0.001			NA	NA	NA	NA			20			NA			<1		
SR4	4/12/2018	Mid-Flood	Cloudy	Moderate	14:48	4	S	1	2	3	3		0.04	0.04		0.001	0.001		NA	NA	NA	NA	NA		39	28		NA	NA		1	1	
SR4	4/12/2018	Mid-Flood	Cloudy	Moderate	14:48	4	S	1	3										NA	NA	NA	NA											
SR4	4/12/2018	Mid-Flood	Cloudy	Moderate	14:48	4	M		1										NA	NA	NA	NA						NA					
SR4	4/12/2018	Mid-Flood	Cloudy	Moderate	14:48	4	M		2		NA	2		NA	0.04		NA	0.001	NA	NA	NA	NA	NA	NA		NA	25	NA	NA	NA		NA	1
SR4	4/12/2018	Mid-Flood	Cloudy	Moderate	14:48	4	M		3										NA	NA	NA	NA											
SR4	4/12/2018	Mid-Flood	Cloudy	Moderate	14:48	4	B	3	1	2			0.04			0.001			NA	NA	NA	NA			16			NA			1		
SR4	4/12/2018	Mid-Flood	Cloudy	Moderate	14:48	4	B	3	2	1	1		0.04	0.04		0.001	0.001		NA	NA	NA	NA	NA		29	22		NA	NA		1	1	
SR4	4/12/2018	Mid-Flood	Cloudy	Moderate	14:48	4	B	3	3										NA	NA	NA	NA											

Impact Monitoring Data

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.
SR5	4/12/2018	Mid-Flood	Cloudy	Rough	13:47	11	S	1	1	2			NA			NA			0.02	0.48	0.17	0.67			NA			NA			NA		
SR5	4/12/2018	Mid-Flood	Cloudy	Rough	13:47	11	S	1	2	2	2		NA	NA		NA	NA		0.01	0.49	0.16	0.66	0.67		NA	NA		NA	NA		NA	NA	
SR5	4/12/2018	Mid-Flood	Cloudy	Rough	13:47	11	S	1	3										0.02	0.50	0.16	0.68											
SR5	4/12/2018	Mid-Flood	Cloudy	Rough	13:47	11	M	5.5	1	3			NA			NA			0.02	0.49	0.16	0.67			NA			NA			NA		
SR5	4/12/2018	Mid-Flood	Cloudy	Rough	13:47	11	M	5.5	2	3	3	2	NA	NA	NA	NA	NA	NA	0.01	0.49	0.16	0.66	0.67	0.67	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	4/12/2018	Mid-Flood	Cloudy	Rough	13:47	11	M	5.5	3										0.02	0.49	0.16	0.67											
SR5	4/12/2018	Mid-Flood	Cloudy	Rough	13:47	11	B	10	1	2			NA			NA			0.01	0.49	0.17	0.67			NA			NA			NA		
SR5	4/12/2018	Mid-Flood	Cloudy	Rough	13:47	11	B	10	2	2	2		NA	NA		NA	NA		0.02	0.49	0.17	0.68	0.67		NA	NA		NA	NA		NA	NA	
SR5	4/12/2018	Mid-Flood	Cloudy	Rough	13:47	11	B	10	3										<0.01	0.48	0.16	0.65											
SR12	4/12/2018	Mid-Flood	Fine	Rough	15:00	15	S	1	1	3			0.06			0.002			NA	NA	NA	NA			41			NA			1		
SR12	4/12/2018	Mid-Flood	Fine	Rough	15:00	15	S	1	2	3	3		0.07	0.07		0.003	0.002		NA	NA	NA	NA	NA		23	31		NA	NA		<1	1	
SR12	4/12/2018	Mid-Flood	Fine	Rough	15:00	15	S	1	3										NA	NA	NA	NA											
SR12	4/12/2018	Mid-Flood	Fine	Rough	15:00	15	M	7.5	1	3			0.08			0.003			NA	NA	NA	NA			44			NA			1		
SR12	4/12/2018	Mid-Flood	Fine	Rough	15:00	15	M	7.5	2	4	4	4	0.08	0.08	0.07	0.003	0.003	0.002	NA	NA	NA	NA	NA	NA	68	55	30	NA	NA	NA	1	1	1
SR12	4/12/2018	Mid-Flood	Fine	Rough	15:00	15	M	7.5	3										NA	NA	NA	NA											
SR12	4/12/2018	Mid-Flood	Fine	Rough	15:00	15	B	14	1	5			0.07			0.002			NA	NA	NA	NA			21			NA			<1		
SR12	4/12/2018	Mid-Flood	Fine	Rough	15:00	15	B	14	2	4	4		0.07	0.07		0.002	0.002		NA	NA	NA	NA	NA		12	16		NA	NA		<1	1	
SR12	4/12/2018	Mid-Flood	Fine	Rough	15:00	15	B	14	3										NA	NA	NA	NA											
SR13	4/12/2018	Mid-Flood	Fine	Rough	15:17	14	S	1	1	3			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	4/12/2018	Mid-Flood	Fine	Rough	15:17	14	S	1	2	3	3		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	4/12/2018	Mid-Flood	Fine	Rough	15:17	14	S	1	3										NA	NA	NA	NA											
SR13	4/12/2018	Mid-Flood	Fine	Rough	15:17	14	M	7	1	3			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	4/12/2018	Mid-Flood	Fine	Rough	15:17	14	M	7	2	3	3	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	4/12/2018	Mid-Flood	Fine	Rough	15:17	14	M	7	3										NA	NA	NA	NA											
SR13	4/12/2018	Mid-Flood	Fine	Rough	15:17	14	B	13	1	4			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	4/12/2018	Mid-Flood	Fine	Rough	15:17	14	B	13	2	5	4		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	4/12/2018	Mid-Flood	Fine	Rough	15:17	14	B	13	3										NA	NA	NA	NA											

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

Impact Monitoring Data

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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
C1A	4/12/2018	Mid-Ebb	Fine	Rough	11:14	28	S	1	1	8.02		30.12		21.99		95.4		7.00			4.1			0.09			0.003			0.09	0.43	0.12	0.64		
C1A	4/12/2018	Mid-Ebb	Fine	Rough	11:14	28	S	1	2	8.02	8.02	30.12	30.12	21.99	21.99	95.4	95.4	7.00	7.00		4.1	4.1		0.09	0.09		0.003	0.003		0.09	0.04	0.12	0.25	0.51	
C1A	4/12/2018	Mid-Ebb	Fine	Rough	11:14	28	S	1	3																					0.09	0.42	0.12	0.63		
C1A	4/12/2018	Mid-Ebb	Fine	Rough	11:14	28	M	14	1	8.01		30.17		21.72		90.0		6.96			5.0			0.07			0.003			0.07	0.51	0.12	0.70		
C1A	4/12/2018	Mid-Ebb	Fine	Rough	11:14	28	M	14	2	8.03	8.02	30.17	30.17	21.77	21.75	89.9	90.0	6.96	6.96		5.0	5.0		0.07	0.07		0.003	0.003		0.07	0.51	0.12	0.70	0.70	
C1A	4/12/2018	Mid-Ebb	Fine	Rough	11:14	28	M	14	3																					0.07	0.51	0.12	0.70		
C1A	4/12/2018	Mid-Ebb	Fine	Rough	11:14	28	B	27	1	8.03		31.22		21.76		90.2		6.81			5.4			0.10			0.004			0.10	0.56	0.14	0.80		
C1A	4/12/2018	Mid-Ebb	Fine	Rough	11:14	28	B	27	2	8.03	8.03	31.24	31.23	21.75	21.76	90.0	90.1	6.81	6.81		5.4	5.4		0.10	0.10		0.004	0.004		0.10	0.56	0.14	0.80	0.80	
C1A	4/12/2018	Mid-Ebb	Fine	Rough	11:14	28	B	27	3																					0.10	0.56	0.14	0.80		
C2A	4/12/2018	Mid-Ebb	Fine	Rough	8:45	13	S	1	1	7.90		31.93		21.86		81.6		5.93			5.8			0.69			0.019			0.69	0.15	0.12	0.96		
C2A	4/12/2018	Mid-Ebb	Fine	Rough	8:45	13	S	1	2	7.90	7.90	31.90	31.92	21.85	21.86	81.4	81.5	5.93	5.93		5.8	5.8		0.68	0.69		0.019	0.019		0.68	0.15	0.12	0.95	0.95	
C2A	4/12/2018	Mid-Ebb	Fine	Rough	8:45	13	S	1	3																					0.69	0.15	0.12	0.96		
C2A	4/12/2018	Mid-Ebb	Fine	Rough	8:45	13	M	6.5	1	7.95		32.23		21.79		82.7		6.02			5.0			0.56			0.017			0.56	0.03	0.14	0.73		
C2A	4/12/2018	Mid-Ebb	Fine	Rough	8:45	13	M	6.5	2	7.95	7.95	32.23	32.23	21.79	21.79	82.5	82.6	6.02	6.02		5.0	5.0	5.5	0.57	0.57	0.56	0.018	0.018	0.017	0.57	0.03	0.13	0.73	0.73	0.78
C2A	4/12/2018	Mid-Ebb	Fine	Rough	8:45	13	M	6.5	3																					0.57	0.03	0.13	0.73		
C2A	4/12/2018	Mid-Ebb	Fine	Rough	8:45	13	B	12	1	7.97		32.47		21.69		79.8		5.80			5.6			0.43			0.014			0.43	0.12	0.13	0.68		
C2A	4/12/2018	Mid-Ebb	Fine	Rough	8:45	13	B	12	2	7.96	7.97	32.45	32.46	21.65	21.67	79.5	79.7	5.78	5.79		5.6	5.6		0.42	0.43		0.013	0.014		0.42	0.12	0.13	0.67	0.67	
C2A	4/12/2018	Mid-Ebb	Fine	Rough	8:45	13	B	12	3																					0.42	0.12	0.13	0.67		
G2	4/12/2018	Mid-Ebb	Fine	Rough	10:04	12	S	1	1	8.04		31.72		21.9		95.6		7.07			4.2			NA			NA			0.09	0.23	0.16	0.48		
G2	4/12/2018	Mid-Ebb	Fine	Rough	10:04	12	S	1	2	8.04	8.04	31.72	31.72	21.90	21.90	95.6	95.6	7.07	7.07		4.2	4.2		NA	NA		NA	NA		0.09	0.23	0.16	0.48	0.48	
G2	4/12/2018	Mid-Ebb	Fine	Rough	10:04	12	S	1	3																					0.09	0.23	0.16	0.48		
G2	4/12/2018	Mid-Ebb	Fine	Rough	10:04	12	M	6	1	8.00		31.85		21.78		89.3		6.56			4.6			NA			NA			0.10	0.09	0.21	0.40		
G2	4/12/2018	Mid-Ebb	Fine	Rough	10:04	12	M	6	2	8.00	8.00	31.85	31.85	21.78	21.78	89.3	89.3	6.52	6.54		4.6	4.6	4.7	NA	NA	NA	NA	NA	NA	0.10	0.09	0.22	0.41	0.41	0.41
G2	4/12/2018	Mid-Ebb	Fine	Rough	10:04	12	M	6	3																					0.10	0.09	0.22	0.41		
G2	4/12/2018	Mid-Ebb	Fine	Rough	10:04	12	B	11	1	8.04		31.80		21.50		83.1		5.88			5.2			NA			NA			0.06	0.13	0.16	0.35		
G2	4/12/2018	Mid-Ebb	Fine	Rough	10:04	12	B	11	2	8.04	8.04	31.80	31.80	21.50	21.50	83.0	83.1	5.88	5.88		5.6	5.4		NA	NA		NA	NA		0.06	0.13	0.17	0.36	0.36	
G2	4/12/2018	Mid-Ebb	Fine	Rough	10:04	12	B	11	3																					0.06	0.13	0.17	0.36		
SR2	4/12/2018	Mid-Ebb	Fine	Rough	10:18	9	S	1	1	8.04		31.73		21.86		89.5		6.54			6.3			0.09			0.003			NA	NA	NA	NA		
SR2	4/12/2018	Mid-Ebb	Fine	Rough	10:18	9	S	1	2	8.04	8.04	31.73	31.73	21.86	21.86	89.5	89.5	6.54	6.54		6.3	6.3		0.09	0.09		0.003	0.003		NA	NA	NA	NA	NA	
SR2	4/12/2018	Mid-Ebb	Fine	Rough	10:18	9	S	1	3																					NA	NA	NA	NA		
SR2	4/12/2018	Mid-Ebb	Fine	Rough	10:18	9	M	4.5	1	7.97		31.78		21.72		85.1		6.43			6.5			0.07			0.002			NA	NA	NA	NA		
SR2	4/12/2018	Mid-Ebb	Fine	Rough	10:18	9	M	4.5	2	7.97	7.97	31.78	31.78	21.70	21.71	85.0	85.1	6.43	6.43		6.5	6.5	6.5	0.07	0.07	0.08	0.002	0.002	0.003	NA	NA	NA	NA	NA	NA
SR2	4/12/2018	Mid-Ebb	Fine	Rough	10:18	9	M	4.5	3																					NA	NA	NA	NA		
SR2	4/12/2018	Mid-Ebb	Fine	Rough	10:18	9	B	8	1	8.09		31.79		21.54		80.2		5.82			6.8			0.08			0.003			NA	NA	NA	NA		
SR2	4/12/2018	Mid-Ebb	Fine	Rough	10:18	9	B	8	2	8.09	8.09	31.79	31.79	21.55	21.55	80.3	80.3	5.82	5.82		6.8	6.8		0.08	0.08		0.003	0.003		NA	NA	NA	NA	NA	
SR2	4/12/2018	Mid-Ebb	Fine	Rough	10:18	9	B	8	3																					NA	NA	NA	NA		
SR3	4/12/2018	Mid-Ebb	Fine	Rough	9:50	9	S	1	1	8.05		31.86		23.44		83.8		6.93			4.6			0.06			0.003			NA	NA	NA	NA		
SR3	4/12/2018	Mid-Ebb	Fine	Rough	9:50	9	S	1	2	8.05	8.05	31.84	31.85	23.40	23.42	83.4	83.6	6.90	6.92		5.0	4.8		0.06	0.06		0.003	0.003		NA	NA	NA	NA	NA	
SR3	4/12/2018	Mid-Ebb	Fine	Rough	9:50	9	S	1	3																					NA	NA	NA	NA		
SR3	4/12/2018	Mid-Ebb	Fine	Rough	9:50	9	M	4.5	1	8.04		31.59		21.66		89.1		6.32			6.8			0.06			0.002			NA	NA	NA	NA		
SR3	4/12/2018	Mid-Ebb	Fine	Rough	9:50	9	M	4.5	2	8.04	8.04	31.59	31.59	21.66	21.66	88.0	88.6	6.30	6.31		6.8	6.8	6.1	0.06	0.06	0.06	0.002	0.002	0.002	NA	NA	NA	NA	NA	NA
SR3	4/12/2018	Mid-Ebb	Fine	Rough	9:50	9	M	4.5	3																					NA	NA	NA	NA		
SR3	4/12/2018	Mid-Ebb	Fine	Rough	9:50	9	B	8	1	8.03		31.74		21.78		86.5		6.10			6.8			0.05			0.002			NA	NA	NA	NA		
SR3	4/12/2018	Mid-Ebb	Fine	Rough	9:50	9	B	8	2	8.03	8.03	31.74	31.74	21.78	21.78	86.5	86.5	6.13	6.12		6.8	6.8		0.05	0.05		0.002	0.002		NA	NA	NA	NA	NA	
SR3	4/12/2018	Mid-Ebb	Fine	Rough	9:50	9	B	8	3																					NA	NA	NA	NA		
SR4	4/12/2018	Mid-Ebb	Fine	Rough	9:36	4	S	1	1	8.02		31.59		21.87		88.1		6.43			3.8			0.06			0.002			NA	NA	NA	NA		
SR4	4/12/2018	Mid-Ebb	Fine	Rough	9:36	4	S	1	2	8.02	8.02	31.59	31.59	21.87	21.87	88.1	88.1	6.42	6.43		3.8	3.8		0.06	0.06		0.002	0.002		NA	NA	NA	NA	NA	
SR4	4/12/2018	Mid-Ebb	Fine	Rough	9:36	4	S	1	3																					NA	NA	NA	NA		
SR4	4/12/2018	Mid-Ebb	Fine	Rough	9:36	4	M		1																					NA	NA	NA	NA		
SR4	4/12/2018	Mid-Ebb	Fine	Rough	9:36	4	M		2		NA		NA		NA		NA		NA	6.43		NA	4.3		NA	0.06		NA	0.002	NA	NA	NA	NA	NA	NA
SR4	4/12/2018	Mid-Ebb	Fine	Rough	9:36	4	M		3																					NA	NA	NA	NA		
SR4	4/12/2018	Mid-Ebb	Fine	Rough	9:36	4	B	3	1	8.01		31.81		21.71		86.8		6.36			4.8			0.06			0.002			NA	NA	NA	NA		
SR4	4/12/2018	Mid-Ebb	Fine	Rough	9:36	4	B	3	2	8.01	8.01	31.81	31.81	21.72	21.72	86.4	86.6	6.30	6.33		4.8	4.8		0.06	0.06		0.002	0.002		NA	NA	NA	NA	NA	
SR4	4/12/2018	Mid-Ebb	Fine	Rough	9:36	4	B	3	3																					NA	NA	NA	NA		

Impact Monitoring Data

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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR5	4/12/2018	Mid-Ebb	Fine	Rough	10:39	11	S	1	1	8.06		29.95		22.09		96.1		7.04			4.0			NA			NA			0.05	0.44	0.13	0.62		
SR5	4/12/2018	Mid-Ebb	Fine	Rough	10:39	11	S	1	2	8.06	8.06	29.94	29.95	22.07	22.08	96.1	96.1	7.04	7.04		4.0	4.0		NA	NA		NA	NA		0.05	0.44	0.13	0.62	0.62	
SR5	4/12/2018	Mid-Ebb	Fine	Rough	10:39	11	S	1	3											6.95										0.05	0.44	0.13	0.62		
SR5	4/12/2018	Mid-Ebb	Fine	Rough	10:39	11	M	5.5	1	8.02		31.08		21.78		93.8		6.88			4.9			NA			NA			0.07	0.63	0.14	0.84		
SR5	4/12/2018	Mid-Ebb	Fine	Rough	10:39	11	M	5.5	2	8.02	8.02	31.08	31.08	21.78	21.78	93.4	93.6	6.85	6.87		4.7	4.8	4.7	NA	NA	NA	NA	NA	NA	0.07	0.62	0.14	0.83	0.83	0.70
SR5	4/12/2018	Mid-Ebb	Fine	Rough	10:39	11	M	5.5	3																					0.07	0.62	0.14	0.83		
SR5	4/12/2018	Mid-Ebb	Fine	Rough	10:39	11	B	10	1	8.05		31.17		21.44		88.6		6.49			5.2			NA			NA			0.08	0.42	0.15	0.65		
SR5	4/12/2018	Mid-Ebb	Fine	Rough	10:39	11	B	10	2	8.05	8.05	31.17	31.17	21.44	21.44	87.9	88.3	6.40	6.45		5.2	5.2		NA	NA		NA	NA		0.08	0.42	0.14	0.64	0.64	
SR5	4/12/2018	Mid-Ebb	Fine	Rough	10:39	11	B	10	3																					0.08	0.42	0.14	0.64		
SR12	4/12/2018	Mid-Ebb	Fine	Rough	9:23	15	S	1	1	8.00		31.90		21.84		86.2		6.29			4.8			0.09			0.003			NA	NA	NA	NA		
SR12	4/12/2018	Mid-Ebb	Fine	Rough	9:23	15	S	1	2	7.96	7.98	31.90	31.90	21.90	21.87	86.3	86.3	6.29	6.29		4.5	4.7		0.09	0.09		0.003	0.003		NA	NA	NA	NA	NA	
SR12	4/12/2018	Mid-Ebb	Fine	Rough	9:23	15	S	1	3											6.20										NA	NA	NA	NA		
SR12	4/12/2018	Mid-Ebb	Fine	Rough	9:23	15	M	7.5	1	7.97		31.90		21.76		83.6		6.11			5.6			0.06			0.002			NA	NA	NA	NA		
SR12	4/12/2018	Mid-Ebb	Fine	Rough	9:23	15	M	7.5	2	7.94	7.96	31.89	31.90	21.76	21.76	83.4	83.5	6.11	6.11		5.6	5.6	5.4	0.06	0.06	0.07	0.002	0.002	0.002	NA	NA	NA	NA	NA	NA
SR12	4/12/2018	Mid-Ebb	Fine	Rough	9:23	15	M	7.5	3																					NA	NA	NA	NA		
SR12	4/12/2018	Mid-Ebb	Fine	Rough	9:23	15	B	14	1	7.95		31.96		21.79		82.0		6.00			6.0			0.07			0.002			NA	NA	NA	NA		
SR12	4/12/2018	Mid-Ebb	Fine	Rough	9:23	15	B	14	2	7.95	7.95	31.96	31.96	21.79	21.79	81.8	81.9	6.00	6.00		6.0	6.0		0.07	0.07		0.002	0.002		NA	NA	NA	NA	NA	
SR12	4/12/2018	Mid-Ebb	Fine	Rough	9:23	15	B	14	3																					NA	NA	NA	NA		
SR13	4/12/2018	Mid-Ebb	Fine	Rough	9:03	14	S	1	1	7.97		32.28		21.94		89.7		6.95			4.6			NA			NA			NA	NA	NA	NA		
SR13	4/12/2018	Mid-Ebb	Fine	Rough	9:03	14	S	1	2	7.85	7.91	32.25	32.27	21.98	21.96	89.9	89.8	6.95	6.95		4.8	4.7		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	4/12/2018	Mid-Ebb	Fine	Rough	9:03	14	S	1	3											6.44										NA	NA	NA	NA		
SR13	4/12/2018	Mid-Ebb	Fine	Rough	9:03	14	M	7	1	7.97		32.25		21.84		82.8		5.94			4.8			NA			NA			NA	NA	NA	NA		
SR13	4/12/2018	Mid-Ebb	Fine	Rough	9:03	14	M	7	2	7.85	7.91	32.10	32.18	21.80	21.82	82.3	82.6	5.90	5.92		4.8	4.8	4.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	4/12/2018	Mid-Ebb	Fine	Rough	9:03	14	M	7	3																					NA	NA	NA	NA		
SR13	4/12/2018	Mid-Ebb	Fine	Rough	9:03	14	B	13	1	7.80		32.27		21.77		78.7		5.76			5.1			NA			NA			NA	NA	NA	NA		
SR13	4/12/2018	Mid-Ebb	Fine	Rough	9:03	14	B	13	2	7.81	7.81	32.29	32.28	21.70	21.74	78.4	78.6	5.76	5.76		5.1	5.1		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	4/12/2018	Mid-Ebb	Fine	Rough	9:03	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
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	4/12/2018	Mid-Ebb	Fine	Rough	11:14	28	S	1	1	2			0.01			0.000			0.01	0.47	0.17	0.65			8			NA			1		
C1A	4/12/2018	Mid-Ebb	Fine	Rough	11:14	28	S	1	2	2	2		0.02	0.02		0.001	0.001		0.02	0.47	0.16	0.65	0.65		5	6		NA	NA		1	1	
C1A	4/12/2018	Mid-Ebb	Fine	Rough	11:14	28	S	1	3										0.01	0.47	0.16	0.64											
C1A	4/12/2018	Mid-Ebb	Fine	Rough	11:14	28	M	14	1	2			0.02			0.001			0.02	0.47	0.17	0.66			5			NA			1		
C1A	4/12/2018	Mid-Ebb	Fine	Rough	11:14	28	M	14	2	2	2	2	0.01	0.02	0.02	0.000	0.001	0.001	0.01	0.48	0.16	0.65	0.65	0.66	6	5	4	NA	NA	NA	2	2	2
C1A	4/12/2018	Mid-Ebb	Fine	Rough	11:14	28	M	14	3										<0.01	0.47	0.16	0.64											
C1A	4/12/2018	Mid-Ebb	Fine	Rough	11:14	28	B	27	1	3			0.02			0.001			0.02	0.49	0.17	0.68			3			NA			2		
C1A	4/12/2018	Mid-Ebb	Fine	Rough	11:14	28	B	27	2	2	2		0.01	0.02		0.000	0.001		0.01	0.49	0.16	0.66	0.67		ND	2		NA	NA		2	2	
C1A	4/12/2018	Mid-Ebb	Fine	Rough	11:14	28	B	27	3										0.02	0.48	0.17	0.67											
C2A	4/12/2018	Mid-Ebb	Fine	Rough	8:45	13	S	1	1	6			0.49			0.014			0.49	0.19	0.09	0.77			ND			NA			2		
C2A	4/12/2018	Mid-Ebb	Fine	Rough	8:45	13	S	1	2	6	6		0.49	0.49		0.014	0.014		0.49	0.19	0.09	0.77	0.77		5	2		NA	NA		2	2	
C2A	4/12/2018	Mid-Ebb	Fine	Rough	8:45	13	S	1	3										0.48	0.19	0.09	0.76											
C2A	4/12/2018	Mid-Ebb	Fine	Rough	8:45	13	M	6.5	1	5			0.50			0.016			0.50	0.19	0.09	0.78			40			NA			3		
C2A	4/12/2018	Mid-Ebb	Fine	Rough	8:45	13	M	6.5	2	5	5	5	0.49	0.50	0.50	0.015	0.015	0.015	0.49	0.20	0.09	0.78	0.78	0.78	26	32	12	NA	NA	NA	2	3	3
C2A	4/12/2018	Mid-Ebb	Fine	Rough	8:45	13	M	6.5	3										0.48	0.20	0.09	0.77											
C2A	4/12/2018	Mid-Ebb	Fine	Rough	8:45	13	B	12	1	5			0.50			0.016			0.50	0.20	0.09	0.79			27			NA			3		
C2A	4/12/2018	Mid-Ebb	Fine	Rough	8:45	13	B	12	2	5	5		0.53	0.52		0.017	0.016		0.53	0.20	0.09	0.82	0.81		20	23		NA	NA		3	3	
C2A	4/12/2018	Mid-Ebb	Fine	Rough	8:45	13	B	12	3										0.53	0.19	0.09	0.81											
G2	4/12/2018	Mid-Ebb	Fine	Rough	10:04	12	S	1	1	3			NA			NA			0.04	0.29	0.12	0.45			NA			NA			NA		
G2	4/12/2018	Mid-Ebb	Fine	Rough	10:04	12	S	1	2	3	3		NA	NA		NA	NA		0.04	0.29	0.12	0.45	0.46		NA	NA		NA	NA		NA	NA	
G2	4/12/2018	Mid-Ebb	Fine	Rough	10:04	12	S	1	3										0.06	0.30	0.12	0.48											
G2	4/12/2018	Mid-Ebb	Fine	Rough	10:04	12	M	6	1	4			NA			NA			0.04	0.28	0.12	0.44			NA			NA			NA		
G2	4/12/2018	Mid-Ebb	Fine	Rough	10:04	12	M	6	2	3	4	3	NA	NA	NA	NA	NA	NA	0.04	0.29	0.12	0.45	0.45	0.45	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	4/12/2018	Mid-Ebb	Fine	Rough	10:04	12	M	6	3										0.04	0.29	0.12	0.45											
G2	4/12/2018	Mid-Ebb	Fine	Rough	10:04	12	B	11	1	3			NA			NA			0.04	0.30	0.12	0.46			NA			NA			NA		
G2	4/12/2018	Mid-Ebb	Fine	Rough	10:04	12	B	11	2	4	4		NA	NA		NA	NA		0.04	0.29	0.12	0.45	0.46		NA	NA		NA	NA		NA	NA	
G2	4/12/2018	Mid-Ebb	Fine	Rough	10:04	12	B	11	3										0.05	0.29	0.12	0.46											
SR2	4/12/2018	Mid-Ebb	Fine	Rough	10:18	9	S	1	1	6			0.05			0.002			NA	NA	NA	NA			NA			NA			NA		
SR2	4/12/2018	Mid-Ebb	Fine	Rough	10:18	9	S	1	2	7	6		0.04	0.05		0.002	0.002		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	4/12/2018	Mid-Ebb	Fine	Rough	10:18	9	S	1	3										NA	NA	NA	NA											
SR2	4/12/2018	Mid-Ebb	Fine	Rough	10:18	9	M	4.5	1	5			0.05			0.002			NA	NA	NA	NA			NA			NA			NA		
SR2	4/12/2018	Mid-Ebb	Fine	Rough	10:18	9	M	4.5	2	5	5	5	0.05	0.05	0.05	0.002	0.002	0.002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	4/12/2018	Mid-Ebb	Fine	Rough	10:18	9	M	4.5	3										NA	NA	NA	NA											
SR2	4/12/2018	Mid-Ebb	Fine	Rough	10:18	9	B	8	1	5			0.04			0.002			NA	NA	NA	NA			NA			NA			NA		
SR2	4/12/2018	Mid-Ebb	Fine	Rough	10:18	9	B	8	2	4	4		0.04	0.04		0.002	0.002		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	4/12/2018	Mid-Ebb	Fine	Rough	10:18	9	B	8	3										NA	NA	NA	NA											
SR3	4/12/2018	Mid-Ebb	Fine	Rough	9:50	9	S	1	1	4			0.03			0.001			NA	NA	NA	NA			NA			NA			NA		
SR3	4/12/2018	Mid-Ebb	Fine	Rough	9:50	9	S	1	2	4	4		0.03	0.03		0.001	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	4/12/2018	Mid-Ebb	Fine	Rough	9:50	9	S	1	3										NA	NA	NA	NA											
SR3	4/12/2018	Mid-Ebb	Fine	Rough	9:50	9	M	4.5	1	3			0.03			0.001			NA	NA	NA	NA			NA			NA			NA		
SR3	4/12/2018	Mid-Ebb	Fine	Rough	9:50	9	M	4.5	2	4	4	4	0.03	0.03	0.03	0.001	0.001	0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	4/12/2018	Mid-Ebb	Fine	Rough	9:50	9	M	4.5	3										NA	NA	NA	NA											
SR3	4/12/2018	Mid-Ebb	Fine	Rough	9:50	9	B	8	1	4			0.03			0.001			NA	NA	NA	NA			NA			NA			NA		
SR3	4/12/2018	Mid-Ebb	Fine	Rough	9:50	9	B	8	2	3	3		0.04	0.04		0.001	0.001		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	4/12/2018	Mid-Ebb	Fine	Rough	9:50	9	B	8	3										NA	NA	NA	NA											
SR4	4/12/2018	Mid-Ebb	Fine	Rough	9:36	4	S	1	1	2			0.03			0.001			NA	NA	NA	NA			4			NA			<1		
SR4	4/12/2018	Mid-Ebb	Fine	Rough	9:36	4	S	1	2	2	2		0.03	0.03		0.001	0.001		NA	NA	NA	NA	NA		3	3		NA	NA		1	1	
SR4	4/12/2018	Mid-Ebb	Fine	Rough	9:36	4	S	1	3										NA	NA	NA	NA											
SR4	4/12/2018	Mid-Ebb	Fine	Rough	9:36	4	M		1										NA	NA	NA	NA						NA					
SR4	4/12/2018	Mid-Ebb	Fine	Rough	9:36	4	M		2		NA	3		NA	0.03		NA	0.001	NA	NA	NA	NA	NA	NA		NA	4	NA	NA	NA		NA	1
SR4	4/12/2018	Mid-Ebb	Fine	Rough	9:36	4	M		3										NA	NA	NA	NA											
SR4	4/12/2018	Mid-Ebb	Fine	Rough	9:36	4	B	3	1	3			0.03			0.001			NA	NA	NA	NA			3			NA			1		
SR4	4/12/2018	Mid-Ebb	Fine	Rough	9:36	4	B	3	2	3	3		0.04	0.04		0.001	0.001		NA	NA	NA	NA	NA		5	4		NA	NA		2	2	
SR4	4/12/2018	Mid-Ebb	Fine	Rough	9:36	4	B	3	3										NA	NA	NA	NA											

Impact Monitoring Data

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.
SR5	4/12/2018	Mid-Ebb	Fine	Rough	10:39	11	S	1	1	2	3		NA	NA		NA	NA		0.02	0.47	0.17	0.66	0.67		NA	NA		NA	NA		NA	NA	
SR5	4/12/2018	Mid-Ebb	Fine	Rough	10:39	11	S	1	2	3			NA			NA			0.02	0.48	0.17	0.67			NA			NA			NA		
SR5	4/12/2018	Mid-Ebb	Fine	Rough	10:39	11	S	1	3										0.02	0.49	0.17	0.68											
SR5	4/12/2018	Mid-Ebb	Fine	Rough	10:39	11	M	5.5	1	2			NA			NA			0.03	0.48	0.16	0.67			NA			NA			NA		
SR5	4/12/2018	Mid-Ebb	Fine	Rough	10:39	11	M	5.5	2	2	2	2	NA	NA	NA	NA	NA	NA	0.02	0.48	0.16	0.66	0.66	0.67	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	4/12/2018	Mid-Ebb	Fine	Rough	10:39	11	M	5.5	3										0.02	0.48	0.16	0.66											
SR5	4/12/2018	Mid-Ebb	Fine	Rough	10:39	11	B	10	1	2			NA			NA			0.02	0.49	0.16	0.67			NA			NA			NA		
SR5	4/12/2018	Mid-Ebb	Fine	Rough	10:39	11	B	10	2	2	2		NA	NA		NA	NA		0.02	0.49	0.16	0.67	0.67		NA	NA		NA	NA		NA	NA	
SR5	4/12/2018	Mid-Ebb	Fine	Rough	10:39	11	B	10	3										0.02	0.49	0.16	0.67											
SR12	4/12/2018	Mid-Ebb	Fine	Rough	9:23	15	S	1	1	5			0.07			0.002			NA	NA	NA	NA			12			NA			<1		
SR12	4/12/2018	Mid-Ebb	Fine	Rough	9:23	15	S	1	2	6	6		0.06	0.07		0.002	0.002		NA	NA	NA	NA	NA		10	11		NA	NA		<1	1	
SR12	4/12/2018	Mid-Ebb	Fine	Rough	9:23	15	S	1	3										NA	NA	NA	NA											
SR12	4/12/2018	Mid-Ebb	Fine	Rough	9:23	15	M	7.5	1	5			0.07			0.002			NA	NA	NA	NA			9			NA			2		
SR12	4/12/2018	Mid-Ebb	Fine	Rough	9:23	15	M	7.5	2	5	5	5	0.07	0.07	0.07	0.002	0.002	0.002	NA	NA	NA	NA	NA	NA	17	12	6	NA	NA	NA	1	2	1
SR12	4/12/2018	Mid-Ebb	Fine	Rough	9:23	15	M	7.5	3										NA	NA	NA	NA											
SR12	4/12/2018	Mid-Ebb	Fine	Rough	9:23	15	B	14	1	5			0.07			0.002			NA	NA	NA	NA			ND			NA			<1		
SR12	4/12/2018	Mid-Ebb	Fine	Rough	9:23	15	B	14	2	4	5		0.07	0.07		0.002	0.002		NA	NA	NA	NA	NA		2	1		NA	NA		<1	1	
SR12	4/12/2018	Mid-Ebb	Fine	Rough	9:23	15	B	14	3										NA	NA	NA	NA											
SR13	4/12/2018	Mid-Ebb	Fine	Rough	9:03	14	S	1	1	3			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	4/12/2018	Mid-Ebb	Fine	Rough	9:03	14	S	1	2	4	4		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	4/12/2018	Mid-Ebb	Fine	Rough	9:03	14	S	1	3										NA	NA	NA	NA											
SR13	4/12/2018	Mid-Ebb	Fine	Rough	9:03	14	M	7	1	3			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	4/12/2018	Mid-Ebb	Fine	Rough	9:03	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	4/12/2018	Mid-Ebb	Fine	Rough	9:03	14	M	7	3										NA	NA	NA	NA											
SR13	4/12/2018	Mid-Ebb	Fine	Rough	9:03	14	B	13	1	4			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	4/12/2018	Mid-Ebb	Fine	Rough	9:03	14	B	13	2	4	4		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	4/12/2018	Mid-Ebb	Fine	Rough	9:03	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
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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.						
C1A	6/12/2018	Mid-Flood	Fine	Moderate	14:21	28	S	1	1	8.08		30.21		23.72		90.4		6.44			1.6			0.06			0.003			0.06	0.60	0.03	0.69		
C1A	6/12/2018	Mid-Flood	Fine	Moderate	14:21	28	S	1	2	8.08	8.08	30.21	30.21	23.71	23.72	90.6	90.5	6.45	6.45		1.7	1.7		0.06	0.06		0.003	0.003		0.06	0.60	0.03	0.69	0.69	
C1A	6/12/2018	Mid-Flood	Fine	Moderate	14:21	28	S	1	3											6.27										0.06	0.60	0.04	0.70		
C1A	6/12/2018	Mid-Flood	Fine	Moderate	14:21	28	M	14	1	8.06		30.58		23.55		85.6		6.09			2.3			0.05			0.002			0.05	0.27	0.04	0.36		
C1A	6/12/2018	Mid-Flood	Fine	Moderate	14:21	28	M	14	2	8.06	8.06	30.57	30.58	23.55	23.55	85.7	85.7	6.10	6.10		2.4	2.4	2.8	0.06	0.06	0.06	0.003	0.002	0.003	0.06	0.27	0.05	0.38	0.37	0.61
C1A	6/12/2018	Mid-Flood	Fine	Moderate	14:21	28	M	14	3																					0.06	0.28	0.04	0.38		
C1A	6/12/2018	Mid-Flood	Fine	Moderate	14:21	28	B	27	1	8.05		30.93		23.49		83.9		5.97			4.3			0.05			0.002			0.05	0.68	0.06	0.79		
C1A	6/12/2018	Mid-Flood	Fine	Moderate	14:21	28	B	27	2	8.05	8.05	30.92	30.93	23.49	23.49	83.9	83.9	5.97	5.97		4.2	4.3		0.05	0.05		0.002	0.002		0.05	0.66	0.06	0.77	0.78	
C1A	6/12/2018	Mid-Flood	Fine	Moderate	14:21	28	B	27	3																					0.06	0.66	0.05	0.77		
C2A	6/12/2018	Mid-Flood	Fine	Moderate	17:52	13	S	1	1	8.01		32.45		23.46		81.3		5.74			3.5			0.46			0.018			0.46	0.18	0.02	0.66		
C2A	6/12/2018	Mid-Flood	Fine	Moderate	17:52	13	S	1	2	8.01	8.01	32.45	32.45	23.46	23.46	81.2	81.3	5.73	5.74		3.3	3.4		0.47	0.47		0.019	0.018		0.47	0.17	0.03	0.67	0.67	
C2A	6/12/2018	Mid-Flood	Fine	Moderate	17:52	13	S	1	3											5.68										0.47	0.17	0.03	0.67		
C2A	6/12/2018	Mid-Flood	Fine	Moderate	17:52	13	M	6.5	1	8.01		32.64		23.35		79.7		5.63			3.9			0.51			0.020			0.51	0.25	0.02	0.78		
C2A	6/12/2018	Mid-Flood	Fine	Moderate	17:52	13	M	6.5	2	8.02	8.02	32.66	32.65	23.35	23.35	76.6	78.2	5.62	5.63		3.9	3.9	5.1	0.52	0.52	0.62	0.021	0.021	0.025	0.52	0.24	0.02	0.78	0.78	0.88
C2A	6/12/2018	Mid-Flood	Fine	Moderate	17:52	13	M	6.5	3																					0.52	0.24	0.02	0.78		
C2A	6/12/2018	Mid-Flood	Fine	Moderate	17:52	13	B	12	1	8.03		32.97		23.31		79.0		5.57			7.8			0.86			0.035			0.86	0.27	0.03	1.16		
C2A	6/12/2018	Mid-Flood	Fine	Moderate	17:52	13	B	12	2	8.03	8.03	32.99	32.98	23.30	23.31	78.9	79.0	5.57	5.57		8.0	7.9		0.88	0.87		0.036	0.036		0.88	0.27	0.03	1.18	1.18	
C2A	6/12/2018	Mid-Flood	Fine	Moderate	17:52	13	B	12	3																					0.91	0.26	0.03	1.20		
G2	6/12/2018	Mid-Flood	Fine	Moderate	15:11	12	S	1	1	8.05		31.90		23.44		83.9		5.95			3.2			NA			NA			0.09	0.24	0.04	0.37		
G2	6/12/2018	Mid-Flood	Fine	Moderate	15:11	12	S	1	2	8.05	8.05	31.90	31.90	23.43	23.44	83.8	83.9	5.93	5.94		3.2	3.2		NA	NA		NA	NA		0.09	0.24	0.03	0.36	0.36	
G2	6/12/2018	Mid-Flood	Fine	Moderate	15:11	12	S	1	3											5.93										0.09	0.24	0.03	0.36		
G2	6/12/2018	Mid-Flood	Fine	Moderate	15:11	12	M	6	1	8.05		31.90		23.41		83.4		5.91			3.5			NA			NA			0.08	0.36	0.02	0.46		
G2	6/12/2018	Mid-Flood	Fine	Moderate	15:11	12	M	6	2	8.05	8.05	31.91	31.91	23.41	23.41	83.4	83.4	5.91	5.91		3.6	3.6	4.1	NA	NA	NA	NA	NA	NA	0.08	0.36	0.02	0.46	0.46	0.43
G2	6/12/2018	Mid-Flood	Fine	Moderate	15:11	12	M	6	3																					0.08	0.37	0.02	0.47		
G2	6/12/2018	Mid-Flood	Fine	Moderate	15:11	12	B	11	1	8.05		31.96		23.41		83.1		5.88			5.6			NA			NA			0.08	0.36	0.02	0.46		
G2	6/12/2018	Mid-Flood	Fine	Moderate	15:11	12	B	11	2	8.05	8.05	31.95	31.96	23.41	23.41	83.0	83.1	5.87	5.88		5.4	5.5		NA	NA		NA	NA		0.09	0.36	0.02	0.47	0.47	
G2	6/12/2018	Mid-Flood	Fine	Moderate	15:11	12	B	11	3																					0.09	0.36	0.02	0.47		
SR2	6/12/2018	Mid-Flood	Fine	Moderate	14:58	10	S	1	1	8.06		31.90		23.43		84.1		5.95			2.7			0.09			0.004			NA	NA	NA	NA		
SR2	6/12/2018	Mid-Flood	Fine	Moderate	14:58	10	S	1	2	8.06	8.06	31.90	31.90	23.43	23.43	84.2	84.2	5.96	5.96		2.7	2.7		0.09	0.09		0.004	0.004		NA	NA	NA	NA	NA	
SR2	6/12/2018	Mid-Flood	Fine	Moderate	14:58	10	S	1	3											5.94										NA	NA	NA	NA		
SR2	6/12/2018	Mid-Flood	Fine	Moderate	14:58	10	M	5	1	8.06		31.93		23.41		83.6		5.92			3.8			0.10			0.004			NA	NA	NA	NA		
SR2	6/12/2018	Mid-Flood	Fine	Moderate	14:58	10	M	5	2	8.06	8.06	31.93	31.93	23.41	23.41	83.6	83.6	5.92	5.92		3.6	3.7	3.3	0.10	0.10	0.09	0.004	0.004	0.004	NA	NA	NA	NA	NA	NA
SR2	6/12/2018	Mid-Flood	Fine	Moderate	14:58	10	M	5	3																					NA	NA	NA	NA		
SR2	6/12/2018	Mid-Flood	Fine	Moderate	14:58	10	B	9	1	8.06		31.96		23.41		83.4		5.90			3.6			0.09			0.004			NA	NA	NA	NA		
SR2	6/12/2018	Mid-Flood	Fine	Moderate	14:58	10	B	9	2	8.06	8.06	31.96	31.96	23.41	23.41	83.3	83.4	5.89	5.90		3.5	3.6		0.09	0.09		0.004	0.004		NA	NA	NA	NA	NA	
SR2	6/12/2018	Mid-Flood	Fine	Moderate	14:58	10	B	9	3																					NA	NA	NA	NA		
SR3	6/12/2018	Mid-Flood	Fine	Moderate	15:28	8	S	1	1	8.05		31.86		23.43		83.8		5.94			3.5			0.08			0.003			NA	NA	NA	NA		
SR3	6/12/2018	Mid-Flood	Fine	Moderate	15:28	8	S	1	2	8.05	8.05	31.86	31.86	23.44	23.44	83.8	83.8	5.94	5.94		3.4	3.5		0.09	0.09		0.004	0.004		NA	NA	NA	NA	NA	
SR3	6/12/2018	Mid-Flood	Fine	Moderate	15:28	8	S	1	3											5.92										NA	NA	NA	NA		
SR3	6/12/2018	Mid-Flood	Fine	Moderate	15:28	8	M	4	1	8.05		31.90		23.41		83.2		5.90			3.5			0.06			0.003			NA	NA	NA	NA		
SR3	6/12/2018	Mid-Flood	Fine	Moderate	15:28	8	M	4	2	8.05	8.05	31.89	31.90	23.41	23.41	83.3	83.3	5.91	5.91		3.4	3.5	3.4	0.06	0.06	0.07	0.003	0.003	0.003	NA	NA	NA	NA	NA	NA
SR3	6/12/2018	Mid-Flood	Fine	Moderate	15:28	8	M	4	3																					NA	NA	NA	NA		
SR3	6/12/2018	Mid-Flood	Fine	Moderate	15:28	8	B	7	1	8.05		31.96		23.4		82.9		5.87			3.4			0.06			0.003			NA	NA	NA	NA		
SR3	6/12/2018	Mid-Flood	Fine	Moderate	15:28	8	B	7	2	8.05	8.05	31.97	31.97	23.4	23.40	82.8	82.9	5.86	5.87		3.3	3.4		0.06	0.06		0.003	0.003		NA	NA	NA	NA	NA	
SR3	6/12/2018	Mid-Flood	Fine	Moderate	15:28	8	B	7	3																					NA	NA	NA	NA		
SR4	6/12/2018	Mid-Flood	Fine	Moderate	15:50	4	S	1	1	8.01		31.78		23.51		79.6		5.63			2.1			0.09			0.004			NA	NA	NA	NA		
SR4	6/12/2018	Mid-Flood	Fine	Moderate	15:50	4	S	1	2	8.02	8.02	31.78	31.78	23.51	23.51	79.5	79.6	5.62	5.63		2.3	2.2		0.09	0.09		0.004	0.004		NA	NA	NA	NA	NA	
SR4	6/12/2018	Mid-Flood	Fine	Moderate	15:50	4	S	1	3											5.63										NA	NA	NA	NA		
SR4	6/12/2018	Mid-Flood	Fine	Moderate	15:50	4	M		1																					NA	NA	NA	NA		
SR4	6/12/2018	Mid-Flood	Fine	Moderate	15:50	4	M		2		NA		NA		NA		NA		NA			NA	2.3		NA	0.09		NA	0.004	NA	NA	NA	NA	NA	NA
SR4	6/12/2018	Mid-Flood	Fine	Moderate	15:50	4	M		3																					NA	NA	NA	NA		
SR4	6/12/2018	Mid-Flood	Fine	Moderate	15:50	4	B	3	1	8.02		31.85		23.46		80.6		5.71			2.4			0.09			0.004			NA	NA	NA	NA		
SR4	6/12/2018	Mid-Flood	Fine	Moderate	15:50	4	B	3	2	8.03	8.03	31.86	31.86	23.46	23.46	80.8	80.7	5.72	5.72		2.3	2.4		0.09	0.09		0.004	0.004		NA	NA	NA	NA	NA	
SR4	6/12/2018	Mid-Flood	Fine	Moderate	15:50	4	B	3	3																					NA	NA	NA	NA		

Impact Monitoring Data

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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR5	6/12/2018	Mid-Flood	Fine	Moderate	14:40	12	S	1	1	8.05		30.63		23.71		88.3		6.27			1.4			NA			NA			0.20	0.41	0.04	0.65		
SR5	6/12/2018	Mid-Flood	Fine	Moderate	14:40	12	S	1	2	8.05	8.05	30.61	30.62	23.72	23.72	88.5	88.4	6.29	6.28		1.3	1.4		NA	NA		NA	NA		0.21	0.37	0.04	0.62	0.59	
SR5	6/12/2018	Mid-Flood	Fine	Moderate	14:40	12	S	1	3																					0.21	0.26	0.04	0.51		
SR5	6/12/2018	Mid-Flood	Fine	Moderate	14:40	12	M	6	1	8.05		30.69		23.66		87.1		6.19		6.24	2.2			NA			NA			0.42	0.27	0.05	0.74		
SR5	6/12/2018	Mid-Flood	Fine	Moderate	14:40	12	M	6	2	8.05	8.05	30.69	30.69	23.66	23.66	87.2	87.2	6.20	6.20		2.1	2.2	1.9	NA	NA	NA	NA	NA	NA	0.41	0.26	0.04	0.71	0.72	0.64
SR5	6/12/2018	Mid-Flood	Fine	Moderate	14:40	12	M	6	3																					0.41	0.27	0.04	0.72		
SR5	6/12/2018	Mid-Flood	Fine	Moderate	14:40	12	B	11	1	8.05		30.73		23.63		86.7		6.16			2.2			NA			NA			0.32	0.28	0.02	0.62		
SR5	6/12/2018	Mid-Flood	Fine	Moderate	14:40	12	B	11	2	8.05	8.05	30.74	30.74	23.63	23.63	86.7	86.7	6.16	6.16		2.2	2.2		NA	NA		NA	NA		0.33	0.28	0.02	0.63	0.61	
SR5	6/12/2018	Mid-Flood	Fine	Moderate	14:40	12	B	11	3																					0.33	0.22	0.02	0.57		
SR12	6/12/2018	Mid-Flood	Fine	Moderate	16:16	15	S	1	1	8.04		31.88		23.55		83.4		5.90			1.6			0.08			0.003			NA	NA	NA	NA		
SR12	6/12/2018	Mid-Flood	Fine	Moderate	16:16	15	S	1	2	8.04	8.04	31.88	31.88	23.54	23.55	83.3	83.4	5.89	5.90		1.6	1.6		0.08	0.08		0.003	0.003		NA	NA	NA	NA	NA	
SR12	6/12/2018	Mid-Flood	Fine	Moderate	16:16	15	S	1	3											5.86										NA	NA	NA	NA		
SR12	6/12/2018	Mid-Flood	Fine	Moderate	16:16	15	M	7.5	1	8.04		31.89		23.48		82.4		5.83			2.9			0.06			0.003			NA	NA	NA	NA		
SR12	6/12/2018	Mid-Flood	Fine	Moderate	16:16	15	M	7.5	2	8.04	8.04	31.89	31.89	23.48	23.48	82.3	82.4	5.82	5.83		2.9	2.9	2.8	0.06	0.06	0.07	0.003	0.003	0.003	NA	NA	NA	NA	NA	NA
SR12	6/12/2018	Mid-Flood	Fine	Moderate	16:16	15	M	7.5	3																					NA	NA	NA	NA		
SR12	6/12/2018	Mid-Flood	Fine	Moderate	16:16	15	B	14	1	8.04		31.93		23.43		80.8		5.72			3.9			0.07			0.003			NA	NA	NA	NA		
SR12	6/12/2018	Mid-Flood	Fine	Moderate	16:16	15	B	14	2	8.04	8.04	31.93	31.93	23.42	23.43	80.8	80.8	5.72	5.72		3.7	3.8		0.08	0.08		0.003	0.003		NA	NA	NA	NA	NA	
SR12	6/12/2018	Mid-Flood	Fine	Moderate	16:16	15	B	14	3																					NA	NA	NA	NA		
SR13	6/12/2018	Mid-Flood	Fine	Moderate	16:33	15	S	1	1	8.02		32.21		23.44		80.4		5.67			3.8			NA			NA			NA	NA	NA	NA		
SR13	6/12/2018	Mid-Flood	Fine	Moderate	16:33	15	S	1	2	8.03	8.03	32.21	32.21	23.45	23.45	80.3	80.4	5.67	5.67		3.9	3.9		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	6/12/2018	Mid-Flood	Fine	Moderate	16:33	15	S	1	3											5.64										NA	NA	NA	NA		
SR13	6/12/2018	Mid-Flood	Fine	Moderate	16:33	15	M	7.5	1	8.03		32.21		23.43		79.5		5.62			3.4			NA			NA			NA	NA	NA	NA		
SR13	6/12/2018	Mid-Flood	Fine	Moderate	16:33	15	M	7.5	2	8.03	8.03	32.21	32.21	23.43	23.43	79.4	79.5	5.61	5.62		3.5	3.5	3.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	6/12/2018	Mid-Flood	Fine	Moderate	16:33	15	M	7.5	3																					NA	NA	NA	NA		
SR13	6/12/2018	Mid-Flood	Fine	Moderate	16:33	15	B	14	1	8.02		32.34		23.42		78.6		5.55			4.1			NA			NA			NA	NA	NA	NA		
SR13	6/12/2018	Mid-Flood	Fine	Moderate	16:33	15	B	14	2	8.02	8.02	32.34	32.34	23.42	23.42	78.5	78.6	5.55	5.55		4.3	4.2		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	6/12/2018	Mid-Flood	Fine	Moderate	16:33	15	B	14	3																					NA	NA	NA	NA		

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

Impact Monitoring Data

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	6/12/2018	Mid-Flood	Fine	Moderate	14:21	28	S	1	1	5			0.02			0.001			0.02	0.44	0.13	0.59			ND			NA			2		
C1A	6/12/2018	Mid-Flood	Fine	Moderate	14:21	28	S	1	2	5	5		0.03	0.03		0.001	0.001		0.03	0.43	0.13	0.59	0.59		ND	1		NA	NA		1	2	
C1A	6/12/2018	Mid-Flood	Fine	Moderate	14:21	28	S	1	3										0.02	0.44	0.13	0.59											
C1A	6/12/2018	Mid-Flood	Fine	Moderate	14:21	28	M	14	1	5			0.02			0.001			0.02	0.45	0.13	0.60			ND			NA			<1		
C1A	6/12/2018	Mid-Flood	Fine	Moderate	14:21	28	M	14	2	6	5	5	0.02	0.02	0.03	0.001	0.001	0.001	0.02	0.45	0.13	0.60	0.60	0.60	ND	1	1	NA	NA	NA	<1	1	1
C1A	6/12/2018	Mid-Flood	Fine	Moderate	14:21	28	M	14	3										0.02	0.44	0.13	0.59											
C1A	6/12/2018	Mid-Flood	Fine	Moderate	14:21	28	B	27	1	5			0.04			0.002			0.04	0.44	0.13	0.61			1			NA			1		
C1A	6/12/2018	Mid-Flood	Fine	Moderate	14:21	28	B	27	2	4	4		0.02	0.03		0.001	0.001		0.02	0.43	0.13	0.58	0.60		ND	1		NA	NA		<1	1	
C1A	6/12/2018	Mid-Flood	Fine	Moderate	14:21	28	B	27	3										0.04	0.44	0.13	0.61											
C2A	6/12/2018	Mid-Flood	Fine	Moderate	17:52	13	S	1	1	11			0.60			0.024			0.60	0.16	0.06	0.82			280			NA			2		
C2A	6/12/2018	Mid-Flood	Fine	Moderate	17:52	13	S	1	2	10	11		0.66	0.63		0.026	0.025		0.66	0.17	0.06	0.89	0.84		360	317		NA	NA		2	2	
C2A	6/12/2018	Mid-Flood	Fine	Moderate	17:52	13	S	1	3										0.58	0.16	0.06	0.80											
C2A	6/12/2018	Mid-Flood	Fine	Moderate	17:52	13	M	6.5	1	8			0.60			0.024			0.60	0.16	0.06	0.82			120			NA			2		
C2A	6/12/2018	Mid-Flood	Fine	Moderate	17:52	13	M	6.5	2	7	8	8	0.61	0.61	0.63	0.024	0.024	0.025	0.61	0.17	0.06	0.84	0.86	0.86	160	139	205	NA	NA	NA	2	2	2
C2A	6/12/2018	Mid-Flood	Fine	Moderate	17:52	13	M	6.5	3										0.68	0.18	0.06	0.92											
C2A	6/12/2018	Mid-Flood	Fine	Moderate	17:52	13	B	12	1	6			0.61			0.025			0.61	0.17	0.06	0.84			180			NA			2		
C2A	6/12/2018	Mid-Flood	Fine	Moderate	17:52	13	B	12	2	6	6		0.67	0.64		0.027	0.026		0.67	0.16	0.06	0.89	0.87		210	194		NA	NA		2	2	
C2A	6/12/2018	Mid-Flood	Fine	Moderate	17:52	13	B	12	3										0.66	0.17	0.06	0.89											
G2	6/12/2018	Mid-Flood	Fine	Moderate	15:11	12	S	1	1	8			NA			NA			0.07	0.27	0.09	0.43			NA			NA			NA		
G2	6/12/2018	Mid-Flood	Fine	Moderate	15:11	12	S	1	2	7	7		NA	NA		NA	NA		0.07	0.27	0.09	0.43	0.44		NA	NA		NA	NA		NA	NA	
G2	6/12/2018	Mid-Flood	Fine	Moderate	15:11	12	S	1	3										0.08	0.29	0.09	0.46											
G2	6/12/2018	Mid-Flood	Fine	Moderate	15:11	12	M	6	1	7			NA			NA			0.08	0.28	0.09	0.45			NA			NA			NA		
G2	6/12/2018	Mid-Flood	Fine	Moderate	15:11	12	M	6	2	6	7	8	NA	NA	NA	NA	NA	NA	0.09	0.27	0.10	0.46	0.45	0.44	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	6/12/2018	Mid-Flood	Fine	Moderate	15:11	12	M	6	3										0.08	0.27	0.09	0.44											
G2	6/12/2018	Mid-Flood	Fine	Moderate	15:11	12	B	11	1	9			NA			NA			0.09	0.28	0.09	0.46			NA			NA			NA		
G2	6/12/2018	Mid-Flood	Fine	Moderate	15:11	12	B	11	2	9	9		NA	NA		NA	NA		0.09	0.25	0.09	0.43	0.44		NA	NA		NA	NA		NA	NA	
G2	6/12/2018	Mid-Flood	Fine	Moderate	15:11	12	B	11	3										0.08	0.27	0.09	0.44											
SR2	6/12/2018	Mid-Flood	Fine	Moderate	14:58	10	S	1	1	12			0.07			0.003			NA	NA	NA	NA			NA			NA			NA		
SR2	6/12/2018	Mid-Flood	Fine	Moderate	14:58	10	S	1	2	11	11		0.07	0.07		0.003	0.003		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	6/12/2018	Mid-Flood	Fine	Moderate	14:58	10	S	1	3										NA	NA	NA	NA											
SR2	6/12/2018	Mid-Flood	Fine	Moderate	14:58	10	M	5	1	13			0.06			0.003			NA	NA	NA	NA			NA			NA			NA		
SR2	6/12/2018	Mid-Flood	Fine	Moderate	14:58	10	M	5	2	12	12	12	0.07	0.07	0.07	0.003	0.003	0.003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	6/12/2018	Mid-Flood	Fine	Moderate	14:58	10	M	5	3										NA	NA	NA	NA											
SR2	6/12/2018	Mid-Flood	Fine	Moderate	14:58	10	B	9	1	12			0.08			0.004			NA	NA	NA	NA			NA			NA			NA		
SR2	6/12/2018	Mid-Flood	Fine	Moderate	14:58	10	B	9	2	12	12		0.07	0.08		0.003	0.003		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	6/12/2018	Mid-Flood	Fine	Moderate	14:58	10	B	9	3										NA	NA	NA	NA											
SR3	6/12/2018	Mid-Flood	Fine	Moderate	15:28	8	S	1	1	13			0.09			0.004			NA	NA	NA	NA			NA			NA			NA		
SR3	6/12/2018	Mid-Flood	Fine	Moderate	15:28	8	S	1	2	13	13		0.08	0.09		0.003	0.004		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	6/12/2018	Mid-Flood	Fine	Moderate	15:28	8	S	1	3										NA	NA	NA	NA											
SR3	6/12/2018	Mid-Flood	Fine	Moderate	15:28	8	M	4	1	11			0.08			0.003			NA	NA	NA	NA			NA			NA			NA		
SR3	6/12/2018	Mid-Flood	Fine	Moderate	15:28	8	M	4	2	12	11	12	0.08	0.08	0.08	0.003	0.003	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	6/12/2018	Mid-Flood	Fine	Moderate	15:28	8	M	4	3										NA	NA	NA	NA											
SR3	6/12/2018	Mid-Flood	Fine	Moderate	15:28	8	B	7	1	11			0.08			0.003			NA	NA	NA	NA			NA			NA			NA		
SR3	6/12/2018	Mid-Flood	Fine	Moderate	15:28	8	B	7	2	11	11		0.08	0.08		0.003	0.003		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	6/12/2018	Mid-Flood	Fine	Moderate	15:28	8	B	7	3										NA	NA	NA	NA											
SR4	6/12/2018	Mid-Flood	Fine	Moderate	15:50	4	S	1	1	6			0.12			0.005			NA	NA	NA	NA			830			NA			<1		
SR4	6/12/2018	Mid-Flood	Fine	Moderate	15:50	4	S	1	2	6	6		0.11	0.12		0.004	0.005		NA	NA	NA	NA	NA		570	688		NA	NA		1	1	
SR4	6/12/2018	Mid-Flood	Fine	Moderate	15:50	4	S	1	3										NA	NA	NA	NA											
SR4	6/12/2018	Mid-Flood	Fine	Moderate	15:50	4	M		1										NA	NA	NA	NA						NA					
SR4	6/12/2018	Mid-Flood	Fine	Moderate	15:50	4	M		2		NA	7		NA	0.11		NA	0.005	NA	NA	NA	NA	NA	NA		NA	705	NA	NA	NA		NA	1
SR4	6/12/2018	Mid-Flood	Fine	Moderate	15:50	4	M		3										NA	NA	NA	NA											
SR4	6/12/2018	Mid-Flood	Fine	Moderate	15:50	4	B	3	1	9			0.11			0.005			NA	NA	NA	NA			660			NA			1		
SR4	6/12/2018	Mid-Flood	Fine	Moderate	15:50	4	B	3	2	9	9		0.11	0.11		0.005	0.005		NA	NA	NA	NA	NA		790	722		NA	NA		<1	1	
SR4	6/12/2018	Mid-Flood	Fine	Moderate	15:50	4	B	3	3										NA	NA	NA	NA											

Impact Monitoring Data

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.
SR5	6/12/2018	Mid-Flood	Fine	Moderate	14:40	12	S	1	1	9			NA			NA			0.05	0.41	0.13	0.59			NA			NA			NA		
SR5	6/12/2018	Mid-Flood	Fine	Moderate	14:40	12	S	1	2	9	9		NA	NA		NA	NA		0.07	0.42	0.12	0.61	0.61		NA	NA		NA	NA		NA	NA	
SR5	6/12/2018	Mid-Flood	Fine	Moderate	14:40	12	S	1	3										0.07	0.42	0.13	0.62											
SR5	6/12/2018	Mid-Flood	Fine	Moderate	14:40	12	M	6	1	8			NA			NA			0.07	0.42	0.13	0.62			NA			NA			NA		
SR5	6/12/2018	Mid-Flood	Fine	Moderate	14:40	12	M	6	2	9	8	8	NA	NA	NA	NA	NA	NA	0.08	0.41	0.14	0.63	0.62	0.61	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	6/12/2018	Mid-Flood	Fine	Moderate	14:40	12	M	6	3										0.07	0.42	0.12	0.61											
SR5	6/12/2018	Mid-Flood	Fine	Moderate	14:40	12	B	11	1	7			NA			NA			0.06	0.42	0.12	0.60			NA			NA			NA		
SR5	6/12/2018	Mid-Flood	Fine	Moderate	14:40	12	B	11	2	7	7		NA	NA		NA	NA		0.06	0.41	0.12	0.59	0.60		NA	NA		NA	NA		NA	NA	
SR5	6/12/2018	Mid-Flood	Fine	Moderate	14:40	12	B	11	3										0.06	0.42	0.12	0.60											
SR12	6/12/2018	Mid-Flood	Fine	Moderate	16:16	15	S	1	1	6			0.08			0.003			NA	NA	NA	NA			56			NA			<1		
SR12	6/12/2018	Mid-Flood	Fine	Moderate	16:16	15	S	1	2	7	7		0.08	0.08		0.003	0.003		NA	NA	NA	NA	NA		48	52		NA	NA		1	1	
SR12	6/12/2018	Mid-Flood	Fine	Moderate	16:16	15	S	1	3										NA	NA	NA	NA											
SR12	6/12/2018	Mid-Flood	Fine	Moderate	16:16	15	M	7.5	1	9			0.08			0.003			NA	NA	NA	NA			59			NA			<1		
SR12	6/12/2018	Mid-Flood	Fine	Moderate	16:16	15	M	7.5	2	9	9	8	0.08	0.08	0.08	0.003	0.003	0.003	NA	NA	NA	NA	NA	NA	63	61	50	NA	NA	NA	<1	1	1
SR12	6/12/2018	Mid-Flood	Fine	Moderate	16:16	15	M	7.5	3										NA	NA	NA	NA											
SR12	6/12/2018	Mid-Flood	Fine	Moderate	16:16	15	B	14	1	9			0.08			0.003			NA	NA	NA	NA			47			NA			<1		
SR12	6/12/2018	Mid-Flood	Fine	Moderate	16:16	15	B	14	2	9	9		0.08	0.08		0.003	0.003		NA	NA	NA	NA	NA		34	40		NA	NA		1	1	
SR12	6/12/2018	Mid-Flood	Fine	Moderate	16:16	15	B	14	3										NA	NA	NA	NA											
SR13	6/12/2018	Mid-Flood	Fine	Moderate	16:33	15	S	1	1	8			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	6/12/2018	Mid-Flood	Fine	Moderate	16:33	15	S	1	2	9	9		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	6/12/2018	Mid-Flood	Fine	Moderate	16:33	15	S	1	3										NA	NA	NA	NA											
SR13	6/12/2018	Mid-Flood	Fine	Moderate	16:33	15	M	7.5	1	8			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	6/12/2018	Mid-Flood	Fine	Moderate	16:33	15	M	7.5	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	6/12/2018	Mid-Flood	Fine	Moderate	16:33	15	M	7.5	3										NA	NA	NA	NA											
SR13	6/12/2018	Mid-Flood	Fine	Moderate	16:33	15	B	14	1	6			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	6/12/2018	Mid-Flood	Fine	Moderate	16:33	15	B	14	2	7	6		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	6/12/2018	Mid-Flood	Fine	Moderate	16:33	15	B	14	3										NA	NA	NA	NA											

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

Impact Monitoring Data

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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
C1A	6/12/2018	Mid-Ebb	Fine	Moderate	13:06	28	S	1	1	8.08		30.13		23.81		91.9		6.53			1.5			0.06			0.003			0.06	0.51	0.13	0.70		
C1A	6/12/2018	Mid-Ebb	Fine	Moderate	13:06	28	S	1	2	8.08	8.08	30.14	30.14	23.80	23.81	91.8	91.9	6.53	6.53		1.4	1.5		0.05	0.06		0.002	0.003		0.05	0.51	0.13	0.69	0.69	
C1A	6/12/2018	Mid-Ebb	Fine	Moderate	13:06	28	S	1	3																					0.05	0.51	0.13	0.69		
C1A	6/12/2018	Mid-Ebb	Fine	Moderate	13:06	28	M	14	1	8.08		30.20		23.71		91.0		6.47			1.7			0.06			0.003			0.06	0.51	0.02	0.59		
C1A	6/12/2018	Mid-Ebb	Fine	Moderate	13:06	28	M	14	2	8.08	8.08	30.21	30.21	23.71	23.71	90.9	91.0	6.47	6.47	6.50	1.7	1.7	1.8	0.06	0.06	0.06	0.003	0.003	0.003	0.06	0.50	0.02	0.58	0.59	0.67
C1A	6/12/2018	Mid-Ebb	Fine	Moderate	13:06	28	M	14	3																					0.06	0.50	0.03	0.59		
C1A	6/12/2018	Mid-Ebb	Fine	Moderate	13:06	28	B	27	1	8.07		30.57		23.55		86.5		6.16			2.2			0.06			0.003			0.06	0.50	0.18	0.74		
C1A	6/12/2018	Mid-Ebb	Fine	Moderate	13:06	28	B	27	2	8.07	8.07	30.56	30.57	23.55	23.55	86.4	86.5	6.15	6.16		2.2	2.2		0.06	0.06		0.003	0.003		0.06	0.50	0.18	0.74	0.74	
C1A	6/12/2018	Mid-Ebb	Fine	Moderate	13:06	28	B	27	3																					0.07	0.50	0.18	0.75		
C2A	6/12/2018	Mid-Ebb	Fine	Moderate	10:41	13	S	1	1	7.99		31.89		23.44		79.6		5.63			2.9			0.18			0.007			0.18	0.39	0.02	0.59		
C2A	6/12/2018	Mid-Ebb	Fine	Moderate	10:41	13	S	1	2	7.98	7.99	31.88	31.89	23.43	23.44	79.1	79.4	5.60	5.62		3.0	3.0		0.18	0.18		0.007	0.007		0.18	0.38	0.02	0.58	0.56	
C2A	6/12/2018	Mid-Ebb	Fine	Moderate	10:41	13	S	1	3																					0.18	0.33	0.02	0.53		
C2A	6/12/2018	Mid-Ebb	Fine	Moderate	10:41	13	M	6.5	1	7.99		32.13		23.41		78.3		5.54			3.1			0.16			0.006			0.16	0.36	0.04	0.56		
C2A	6/12/2018	Mid-Ebb	Fine	Moderate	10:41	13	M	6.5	2	7.99	7.99	32.14	32.14	23.41	23.41	78.4	78.4	5.54	5.54	5.58	3.1	3.1	3.2	0.16	0.16	0.15	0.006	0.006	0.006	0.16	0.34	0.04	0.54	0.55	0.47
C2A	6/12/2018	Mid-Ebb	Fine	Moderate	10:41	13	M	6.5	3																					0.16	0.34	0.04	0.54		
C2A	6/12/2018	Mid-Ebb	Fine	Moderate	10:41	13	B	12	1	7.99		32.18		23.40		78.1		5.53			3.4			0.10			0.004			0.10	0.18	0.02	0.30		
C2A	6/12/2018	Mid-Ebb	Fine	Moderate	10:41	13	B	12	2	7.99	7.99	32.18	32.18	23.40	23.40	78.2	78.2	5.53	5.53		3.5	3.5		0.10	0.10		0.004	0.004		0.10	0.18	0.03	0.31	0.31	
C2A	6/12/2018	Mid-Ebb	Fine	Moderate	10:41	13	B	12	3																					0.10	0.18	0.03	0.31		
G2	6/12/2018	Mid-Ebb	Fine	Moderate	12:19	12	S	1	1	8.04		31.89		23.43		84.4		5.98			3.1			NA			NA			0.08	0.38	0.03	0.49		
G2	6/12/2018	Mid-Ebb	Fine	Moderate	12:19	12	S	1	2	8.04	8.04	31.89	31.89	23.43	23.43	84.4	84.4	5.99	5.99		3.0	3.1		NA	NA		NA	NA		0.08	0.39	0.03	0.50	0.50	
G2	6/12/2018	Mid-Ebb	Fine	Moderate	12:19	12	S	1	3																					0.08	0.39	0.03	0.50		
G2	6/12/2018	Mid-Ebb	Fine	Moderate	12:19	12	M	6	1	8.05		31.93		23.41		83.4		5.91			3.3			NA			NA			0.08	0.32	0.05	0.45		
G2	6/12/2018	Mid-Ebb	Fine	Moderate	12:19	12	M	6	2	8.05	8.05	31.93	31.93	23.40	23.41	83.3	83.4	5.90	5.91	5.95	3.2	3.3	3.9	NA	NA	NA	NA	NA	NA	0.08	0.33	0.05	0.46	0.46	0.43
G2	6/12/2018	Mid-Ebb	Fine	Moderate	12:19	12	M	6	3																					0.08	0.32	0.06	0.46		
G2	6/12/2018	Mid-Ebb	Fine	Moderate	12:19	12	B	11	1	8.05		31.95		23.41		83.1		5.88			5.2			NA			NA			0.09	0.25	0.01	0.35		
G2	6/12/2018	Mid-Ebb	Fine	Moderate	12:19	12	B	11	2	8.05	8.05	31.96	31.96	23.41	23.41	83.0	83.1	5.88	5.88		5.4	5.3		NA	NA		NA	NA		0.09	0.24	0.01	0.34	0.34	
G2	6/12/2018	Mid-Ebb	Fine	Moderate	12:19	12	B	11	3																					0.09	0.24	0.01	0.34		
SR2	6/12/2018	Mid-Ebb	Fine	Moderate	12:27	10	S	1	1	8.04		31.88		23.44		84.7		5.98			3.3			0.09			0.004			NA	NA	NA	NA		
SR2	6/12/2018	Mid-Ebb	Fine	Moderate	12:27	10	S	1	2	8.04	8.04	31.89	31.89	23.43	23.44	84.5	84.6	5.97	5.98		3.2	3.3		0.09	0.09		0.004	0.004		NA	NA	NA	NA	NA	
SR2	6/12/2018	Mid-Ebb	Fine	Moderate	12:27	10	S	1	3																					NA	NA	NA	NA		
SR2	6/12/2018	Mid-Ebb	Fine	Moderate	12:27	10	M	5	1	8.06		31.94		23.41		83.8		5.94			3.5			0.09			0.004			NA	NA	NA	NA		
SR2	6/12/2018	Mid-Ebb	Fine	Moderate	12:27	10	M	5	2	8.06	8.06	31.93	31.94	23.41	23.41	83.8	83.8	5.93	5.94	5.96	3.4	3.5	3.6	0.09	0.09	0.09	0.004	0.004	0.004	NA	NA	NA	NA	NA	NA
SR2	6/12/2018	Mid-Ebb	Fine	Moderate	12:27	10	M	5	3																					NA	NA	NA	NA		
SR2	6/12/2018	Mid-Ebb	Fine	Moderate	12:27	10	B	9	1	8.06		31.95		23.41		83.4		5.90			4.2			0.09			0.004			NA	NA	NA	NA		
SR2	6/12/2018	Mid-Ebb	Fine	Moderate	12:27	10	B	9	2	8.06	8.06	31.95	31.95	23.41	23.41	83.4	83.4	5.91	5.91		4.1	4.2		0.09	0.09		0.004	0.004		NA	NA	NA	NA	NA	
SR2	6/12/2018	Mid-Ebb	Fine	Moderate	12:27	10	B	9	3																					NA	NA	NA	NA		
SR3	6/12/2018	Mid-Ebb	Fine	Moderate	12:05	8	S	1	1	8.05		31.86		23.44		83.8		5.93			3.3			0.08			0.003			NA	NA	NA	NA		
SR3	6/12/2018	Mid-Ebb	Fine	Moderate	12:05	8	S	1	2	8.05	8.05	31.86	31.86	23.44	23.44	83.6	83.7	5.92	5.93		3.3	3.3		0.08	0.08		0.003	0.003		NA	NA	NA	NA	NA	
SR3	6/12/2018	Mid-Ebb	Fine	Moderate	12:05	8	S	1	3																					NA	NA	NA	NA		
SR3	6/12/2018	Mid-Ebb	Fine	Moderate	12:05	8	M	4	1	8.05		31.89		23.41		83.3		5.90			4.2			0.06			0.003			NA	NA	NA	NA		
SR3	6/12/2018	Mid-Ebb	Fine	Moderate	12:05	8	M	4	2	8.05	8.05	31.90	31.90	23.41	23.41	83.3	83.3	5.90	5.90	5.91	4.1	4.2	3.8	0.06	0.06	0.07	0.003	0.003	0.003	NA	NA	NA	NA	NA	NA
SR3	6/12/2018	Mid-Ebb	Fine	Moderate	12:05	8	M	4	3																					NA	NA	NA	NA		
SR3	6/12/2018	Mid-Ebb	Fine	Moderate	12:05	8	B	7	1	8.05		31.96		23.40		82.9		5.87			3.8			0.07			0.003			NA	NA	NA	NA		
SR3	6/12/2018	Mid-Ebb	Fine	Moderate	12:05	8	B	7	2	8.05	8.05	31.97	31.97	23.39	23.40	82.9	82.9	5.87	5.87		3.9	3.9		0.06	0.07		0.003	0.003		NA	NA	NA	NA	NA	
SR3	6/12/2018	Mid-Ebb	Fine	Moderate	12:05	8	B	7	3																					NA	NA	NA	NA		
SR4	6/12/2018	Mid-Ebb	Fine	Moderate	11:43	4	S	1	1	8.02		31.34		23.53		84.4		5.98			1.6			0.09			0.004			NA	NA	NA	NA		
SR4	6/12/2018	Mid-Ebb	Fine	Moderate	11:43	4	S	1	2	8.02	8.02	31.35	31.35	23.53	23.53	84.3	84.4	5.98	5.98		1.5	1.6		0.09	0.09		0.004	0.004		NA	NA	NA	NA	NA	
SR4	6/12/2018	Mid-Ebb	Fine	Moderate	11:43	4	S	1	3																					NA	NA	NA	NA		
SR4	6/12/2018	Mid-Ebb	Fine	Moderate	11:43	4	M		1																					NA	NA	NA	NA		
SR4	6/12/2018	Mid-Ebb	Fine	Moderate	11:43	4	M		2		NA		NA		NA		NA		NA	5.98		NA	1.7		NA	0.09		NA	0.004	NA	NA	NA	NA	NA	NA
SR4	6/12/2018	Mid-Ebb	Fine	Moderate	11:43	4	M		3																					NA	NA	NA	NA		
SR4	6/12/2018	Mid-Ebb	Fine	Moderate	11:43	4	B	3	1	8.03		31.77		23.40		81.2		5.76			1.8			0.09			0.004			NA	NA	NA	NA		
SR4	6/12/2018	Mid-Ebb	Fine	Moderate	11:43	4	B	3	2	8.03	8.03	31.77	31.77	23.40	23.40	81.1	81.2	5.75	5.76		1.9	1.9		0.09	0.09		0.004	0.004		NA	NA	NA	NA	NA	
SR4	6/12/2018	Mid-Ebb	Fine	Moderate	11:43	4	B	3	3																					NA	NA	NA	NA		

Impact Monitoring Data

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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR5	6/12/2018	Mid-Ebb	Fine	Moderate	12:44	12	S	1	1	8.06		30.42		23.81		89.9		6.38			1.6			NA			NA			0.09	0.57	0.01	0.67		
SR5	6/12/2018	Mid-Ebb	Fine	Moderate	12:44	12	S	1	2	8.06	8.06	30.42	30.42	23.82	23.82	89.9	89.9	6.38	6.38		1.5	1.6		NA	NA		NA	NA		0.09	0.56	0.01	0.66	0.67	
SR5	6/12/2018	Mid-Ebb	Fine	Moderate	12:44	12	S	1	3																					0.09	0.56	0.01	0.66		
SR5	6/12/2018	Mid-Ebb	Fine	Moderate	12:44	12	M	6	1	8.05		30.64		23.67		87.7		6.23		6.31	1.7			NA			NA			0.08	0.63	0.01	0.72		
SR5	6/12/2018	Mid-Ebb	Fine	Moderate	12:44	12	M	6	2	8.05	8.05	30.66	30.65	23.66	23.67	87.6	87.7	6.23	6.23		1.8	1.8	1.7	NA	NA	NA	NA	NA	NA	0.08	0.63	0.01	0.72	0.72	0.59
SR5	6/12/2018	Mid-Ebb	Fine	Moderate	12:44	12	M	6	3																					0.08	0.62	0.01	0.71		
SR5	6/12/2018	Mid-Ebb	Fine	Moderate	12:44	12	B	11	1	8.05		30.72		23.64		86.9		6.17			1.8			NA			NA			0.06	0.31	0.01	0.38		
SR5	6/12/2018	Mid-Ebb	Fine	Moderate	12:44	12	B	11	2	8.05	8.05	30.72	30.72	23.64	23.64	86.8	86.9	6.17	6.17		1.8	1.8		NA	NA		NA	NA		0.06	0.31	0.01	0.38	0.38	
SR5	6/12/2018	Mid-Ebb	Fine	Moderate	12:44	12	B	11	3																					0.06	0.31	0.01	0.38		
SR12	6/12/2018	Mid-Ebb	Fine	Moderate	11:21	15	S	1	1	7.99		32.00		23.40		80.5		5.69			3.8			0.07			0.003			NA	NA	NA	NA		
SR12	6/12/2018	Mid-Ebb	Fine	Moderate	11:21	15	S	1	2	8.00	8.00	31.98	31.99	23.41	23.41	80.2	80.4	5.66	5.68		3.8	3.8		0.07	0.07		0.003	0.003		NA	NA	NA	NA	NA	
SR12	6/12/2018	Mid-Ebb	Fine	Moderate	11:21	15	S	1	3																					NA	NA	NA	NA		
SR12	6/12/2018	Mid-Ebb	Fine	Moderate	11:21	15	M	7.5	1	8.02		31.96		23.38		78.7		5.57		5.62	5.5			0.06			0.002			NA	NA	NA	NA		
SR12	6/12/2018	Mid-Ebb	Fine	Moderate	11:21	15	M	7.5	2	8.01	8.02	31.96	31.96	23.38	23.38	78.6	78.7	5.56	5.57		5.4	5.5	4.6	0.07	0.07	0.07	0.003	0.003	0.003	NA	NA	NA	NA	NA	NA
SR12	6/12/2018	Mid-Ebb	Fine	Moderate	11:21	15	M	7.5	3																					NA	NA	NA	NA		
SR12	6/12/2018	Mid-Ebb	Fine	Moderate	11:21	15	B	14	1	8.01		31.98		23.38		77.9		5.52			4.4			0.08			0.003			NA	NA	NA	NA		
SR12	6/12/2018	Mid-Ebb	Fine	Moderate	11:21	15	B	14	2	8.01	8.01	31.98	31.98	23.38	23.38	77.8	77.9	5.52	5.52		4.6	4.5		0.08	0.08		0.003	0.003		NA	NA	NA	NA	NA	
SR12	6/12/2018	Mid-Ebb	Fine	Moderate	11:21	15	B	14	3																					NA	NA	NA	NA		
SR13	6/12/2018	Mid-Ebb	Fine	Moderate	11:03	15	S	1	1	7.96		32.19		23.57		80.4		5.65			2.6			NA			NA			NA	NA	NA	NA		
SR13	6/12/2018	Mid-Ebb	Fine	Moderate	11:03	15	S	1	2	7.98	7.97	32.20	32.20	23.57	23.57	80.0	80.2	5.63	5.64		2.5	2.6		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	6/12/2018	Mid-Ebb	Fine	Moderate	11:03	15	S	1	3																					NA	NA	NA	NA		
SR13	6/12/2018	Mid-Ebb	Fine	Moderate	11:03	15	M	7.5	1	8.00		32.29		23.40		77.8		5.50		5.57	2.4			NA			NA			NA	NA	NA	NA		
SR13	6/12/2018	Mid-Ebb	Fine	Moderate	11:03	15	M	7.5	2	8.00	8.00	32.30	32.30	23.40	23.40	77.7	77.8	5.49	5.50		2.5	2.5	3.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	6/12/2018	Mid-Ebb	Fine	Moderate	11:03	15	M	7.5	3																					NA	NA	NA	NA		
SR13	6/12/2018	Mid-Ebb	Fine	Moderate	11:03	15	B	14	1	8.00		32.43		23.35		77.4		5.47			4.0			NA			NA			NA	NA	NA	NA		
SR13	6/12/2018	Mid-Ebb	Fine	Moderate	11:03	15	B	14	2	8.00	8.00	32.44	32.44	23.35	23.35	77.3	77.4	5.46	5.47		4.1	4.1		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	6/12/2018	Mid-Ebb	Fine	Moderate	11:03	15	B	14	3																					NA	NA	NA	NA		

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

Impact Monitoring Data

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	6/12/2018	Mid-Ebb	Fine	Moderate	13:06	28	S	1	1	6			0.02			0.001			0.02	0.44	0.13	0.59			1			NA			<1		
C1A	6/12/2018	Mid-Ebb	Fine	Moderate	13:06	28	S	1	2	7	7		0.04	0.03		0.002	0.001		0.04	0.45	0.13	0.62	0.61		1	1		NA	NA		1	1	
C1A	6/12/2018	Mid-Ebb	Fine	Moderate	13:06	28	S	1	3										0.04	0.44	0.13	0.61											
C1A	6/12/2018	Mid-Ebb	Fine	Moderate	13:06	28	M	14	1	6			0.03			0.001			0.03	0.44	0.13	0.60			ND			NA			1		
C1A	6/12/2018	Mid-Ebb	Fine	Moderate	13:06	28	M	14	2	6	6	6	0.02	0.03	0.03	0.001	0.001	0.001	0.02	0.45	0.13	0.60	0.59	0.60	1	1	1	NA	NA	NA	<1	1	1
C1A	6/12/2018	Mid-Ebb	Fine	Moderate	13:06	28	M	14	3										0.01	0.44	0.13	0.58											
C1A	6/12/2018	Mid-Ebb	Fine	Moderate	13:06	28	B	27	1	6			0.02			0.001			0.02	0.44	0.13	0.59			1			NA			<1		
C1A	6/12/2018	Mid-Ebb	Fine	Moderate	13:06	28	B	27	2	7	6		0.03	0.03		0.001	0.001		0.03	0.44	0.13	0.60	0.59		ND	1		NA	NA		1	1	
C1A	6/12/2018	Mid-Ebb	Fine	Moderate	13:06	28	B	27	3										0.02	0.44	0.13	0.59											
C2A	6/12/2018	Mid-Ebb	Fine	Moderate	10:41	13	S	1	1	11			0.18			0.007			0.18	0.20	0.07	0.45			12			NA			1		
C2A	6/12/2018	Mid-Ebb	Fine	Moderate	10:41	13	S	1	2	11	11		0.14	0.16		0.005	0.006		0.14	0.20	0.07	0.41	0.46		19	15		NA	NA		1	1	
C2A	6/12/2018	Mid-Ebb	Fine	Moderate	10:41	13	S	1	3										0.25	0.20	0.07	0.52											
C2A	6/12/2018	Mid-Ebb	Fine	Moderate	10:41	13	M	6.5	1	11			0.20			0.008			0.20	0.20	0.07	0.47			23			NA			2		
C2A	6/12/2018	Mid-Ebb	Fine	Moderate	10:41	13	M	6.5	2	11	11	11	0.21	0.21	0.17	0.008	0.008	0.006	0.21	0.19	0.07	0.47	0.45	0.44	31	27	22	NA	NA	NA	1	2	2
C2A	6/12/2018	Mid-Ebb	Fine	Moderate	10:41	13	M	6.5	3										0.14	0.19	0.07	0.40											
C2A	6/12/2018	Mid-Ebb	Fine	Moderate	10:41	13	B	12	1	12			0.13			0.005			0.13	0.18	0.07	0.38			36			NA			2		
C2A	6/12/2018	Mid-Ebb	Fine	Moderate	10:41	13	B	12	2	12	12		0.14	0.14		0.005	0.005		0.14	0.19	0.07	0.40	0.42		21	27		NA	NA		2	2	
C2A	6/12/2018	Mid-Ebb	Fine	Moderate	10:41	13	B	12	3										0.20	0.20	0.07	0.47											
G2	6/12/2018	Mid-Ebb	Fine	Moderate	12:19	12	S	1	1	9			NA			NA			0.07	0.26	0.09	0.42			NA			NA			NA		
G2	6/12/2018	Mid-Ebb	Fine	Moderate	12:19	12	S	1	2	10	10		NA	NA		NA	NA		0.08	0.26	0.10	0.44	0.43		NA	NA		NA	NA		NA	NA	
G2	6/12/2018	Mid-Ebb	Fine	Moderate	12:19	12	S	1	3										0.07	0.26	0.09	0.42											
G2	6/12/2018	Mid-Ebb	Fine	Moderate	12:19	12	M	6	1	9			NA			NA			0.07	0.26	0.09	0.42			NA			NA			NA		
G2	6/12/2018	Mid-Ebb	Fine	Moderate	12:19	12	M	6	2	9	9	10	NA	NA	NA	NA	NA	NA	0.08	0.27	0.09	0.44	0.43	0.43	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	6/12/2018	Mid-Ebb	Fine	Moderate	12:19	12	M	6	3										0.07	0.27	0.09	0.43											
G2	6/12/2018	Mid-Ebb	Fine	Moderate	12:19	12	B	11	1	11			NA			NA			0.07	0.26	0.09	0.42			NA			NA			NA		
G2	6/12/2018	Mid-Ebb	Fine	Moderate	12:19	12	B	11	2	11	11		NA	NA		NA	NA		0.07	0.27	0.09	0.43	0.43		NA	NA		NA	NA		NA	NA	
G2	6/12/2018	Mid-Ebb	Fine	Moderate	12:19	12	B	11	3										0.08	0.28	0.09	0.45											
SR2	6/12/2018	Mid-Ebb	Fine	Moderate	12:27	10	S	1	1	8			0.07			0.003			NA	NA	NA	NA			NA			NA			NA		
SR2	6/12/2018	Mid-Ebb	Fine	Moderate	12:27	10	S	1	2	8	8		0.07	0.07		0.003	0.003		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	6/12/2018	Mid-Ebb	Fine	Moderate	12:27	10	S	1	3										NA	NA	NA	NA											
SR2	6/12/2018	Mid-Ebb	Fine	Moderate	12:27	10	M	5	1	10			0.07			0.003			NA	NA	NA	NA			NA			NA			NA		
SR2	6/12/2018	Mid-Ebb	Fine	Moderate	12:27	10	M	5	2	10	10	9	0.07	0.07	0.07	0.003	0.003	0.003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	6/12/2018	Mid-Ebb	Fine	Moderate	12:27	10	M	5	3										NA	NA	NA	NA											
SR2	6/12/2018	Mid-Ebb	Fine	Moderate	12:27	10	B	9	1	9			0.07			0.003			NA	NA	NA	NA			NA			NA			NA		
SR2	6/12/2018	Mid-Ebb	Fine	Moderate	12:27	10	B	9	2	9	9		0.07	0.07		0.003	0.003		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	6/12/2018	Mid-Ebb	Fine	Moderate	12:27	10	B	9	3										NA	NA	NA	NA											
SR3	6/12/2018	Mid-Ebb	Fine	Moderate	12:05	8	S	1	1	10			0.08			0.003			NA	NA	NA	NA			NA			NA			NA		
SR3	6/12/2018	Mid-Ebb	Fine	Moderate	12:05	8	S	1	2	10	10		0.08	0.08		0.003	0.003		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	6/12/2018	Mid-Ebb	Fine	Moderate	12:05	8	S	1	3										NA	NA	NA	NA											
SR3	6/12/2018	Mid-Ebb	Fine	Moderate	12:05	8	M	4	1	9			0.08			0.003			NA	NA	NA	NA			NA			NA			NA		
SR3	6/12/2018	Mid-Ebb	Fine	Moderate	12:05	8	M	4	2	9	9	9	0.08	0.08	0.08	0.003	0.003	0.003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	6/12/2018	Mid-Ebb	Fine	Moderate	12:05	8	M	4	3										NA	NA	NA	NA											
SR3	6/12/2018	Mid-Ebb	Fine	Moderate	12:05	8	B	7	1	7			0.08			0.003			NA	NA	NA	NA			NA			NA			NA		
SR3	6/12/2018	Mid-Ebb	Fine	Moderate	12:05	8	B	7	2	8	7		0.08	0.08		0.003	0.003		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	6/12/2018	Mid-Ebb	Fine	Moderate	12:05	8	B	7	3										NA	NA	NA	NA											
SR4	6/12/2018	Mid-Ebb	Fine	Moderate	11:43	4	S	1	1	7			0.10			0.004			NA	NA	NA	NA			260			NA			1		
SR4	6/12/2018	Mid-Ebb	Fine	Moderate	11:43	4	S	1	2	7	7		0.11	0.11		0.005	0.004		NA	NA	NA	NA	NA		300	279		NA	NA		1	1	
SR4	6/12/2018	Mid-Ebb	Fine	Moderate	11:43	4	S	1	3										NA	NA	NA	NA											
SR4	6/12/2018	Mid-Ebb	Fine	Moderate	11:43	4	M		1										NA	NA	NA	NA						NA					
SR4	6/12/2018	Mid-Ebb	Fine	Moderate	11:43	4	M		2		NA	6		NA	0.10		NA	0.004	NA	NA	NA	NA	NA	NA		NA	260	NA	NA	NA		NA	1
SR4	6/12/2018	Mid-Ebb	Fine	Moderate	11:43	4	M		3										NA	NA	NA	NA											
SR4	6/12/2018	Mid-Ebb	Fine	Moderate	11:43	4	B	3	1	5			0.10			0.004			NA	NA	NA	NA			280			NA			1		
SR4	6/12/2018	Mid-Ebb	Fine	Moderate	11:43	4	B	3	2	5	5		0.10	0.10		0.004	0.004		NA	NA	NA	NA	NA		210	242		NA	NA		1	1	
SR4	6/12/2018	Mid-Ebb	Fine	Moderate	11:43	4	B	3	3										NA	NA	NA	NA											

Impact Monitoring Data

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.
SR5	6/12/2018	Mid-Ebb	Fine	Moderate	12:44	12	S	1	1	8			NA			NA			0.06	0.42	0.12	0.60			NA			NA			NA		
SR5	6/12/2018	Mid-Ebb	Fine	Moderate	12:44	12	S	1	2	9	8		NA	NA		NA	NA		0.05	0.40	0.13	0.58	0.59		NA	NA		NA	NA		NA	NA	
SR5	6/12/2018	Mid-Ebb	Fine	Moderate	12:44	12	S	1	3										0.05	0.40	0.13	0.58											
SR5	6/12/2018	Mid-Ebb	Fine	Moderate	12:44	12	M	6	1	9			NA			NA			0.06	0.42	0.13	0.61			NA			NA			NA		
SR5	6/12/2018	Mid-Ebb	Fine	Moderate	12:44	12	M	6	2	8	8	8	NA	NA	NA	NA	NA	NA	0.06	0.43	0.12	0.61	0.60	0.59	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	6/12/2018	Mid-Ebb	Fine	Moderate	12:44	12	M	6	3										0.04	0.41	0.12	0.57											
SR5	6/12/2018	Mid-Ebb	Fine	Moderate	12:44	12	B	11	1	8			NA			NA			0.05	0.42	0.12	0.59			NA			NA			NA		
SR5	6/12/2018	Mid-Ebb	Fine	Moderate	12:44	12	B	11	2	8	8		NA	NA		NA	NA		0.03	0.42	0.13	0.58	0.58		NA	NA		NA	NA		NA	NA	
SR5	6/12/2018	Mid-Ebb	Fine	Moderate	12:44	12	B	11	3										0.05	0.41	0.12	0.58											
SR12	6/12/2018	Mid-Ebb	Fine	Moderate	11:21	15	S	1	1	11			0.10			0.004			NA	NA	NA	NA			32			NA			1		
SR12	6/12/2018	Mid-Ebb	Fine	Moderate	11:21	15	S	1	2	11	11		0.12	0.11		0.005	0.004		NA	NA	NA	NA	NA		50	40		NA	NA		1	1	
SR12	6/12/2018	Mid-Ebb	Fine	Moderate	11:21	15	S	1	3										NA	NA	NA	NA											
SR12	6/12/2018	Mid-Ebb	Fine	Moderate	11:21	15	M	7.5	1	11			0.12			0.005			NA	NA	NA	NA			27			NA			2		
SR12	6/12/2018	Mid-Ebb	Fine	Moderate	11:21	15	M	7.5	2	11	11	11	0.11	0.12	0.11	0.004	0.005	0.004	NA	NA	NA	NA	NA	NA	33	30	30	NA	NA	NA	1	2	1
SR12	6/12/2018	Mid-Ebb	Fine	Moderate	11:21	15	M	7.5	3										NA	NA	NA	NA											
SR12	6/12/2018	Mid-Ebb	Fine	Moderate	11:21	15	B	14	1	11			0.10			0.004			NA	NA	NA	NA			28			NA			1		
SR12	6/12/2018	Mid-Ebb	Fine	Moderate	11:21	15	B	14	2	10	11		0.11	0.11		0.004	0.004		NA	NA	NA	NA	NA		17	22		NA	NA		1	1	
SR12	6/12/2018	Mid-Ebb	Fine	Moderate	11:21	15	B	14	3										NA	NA	NA	NA											
SR13	6/12/2018	Mid-Ebb	Fine	Moderate	11:03	15	S	1	1	9			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	6/12/2018	Mid-Ebb	Fine	Moderate	11:03	15	S	1	2	9	9		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	6/12/2018	Mid-Ebb	Fine	Moderate	11:03	15	S	1	3										NA	NA	NA	NA											
SR13	6/12/2018	Mid-Ebb	Fine	Moderate	11:03	15	M	7.5	1	9			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	6/12/2018	Mid-Ebb	Fine	Moderate	11:03	15	M	7.5	2	10	9	9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	6/12/2018	Mid-Ebb	Fine	Moderate	11:03	15	M	7.5	3										NA	NA	NA	NA											
SR13	6/12/2018	Mid-Ebb	Fine	Moderate	11:03	15	B	14	1	10			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	6/12/2018	Mid-Ebb	Fine	Moderate	11:03	15	B	14	2	10	10		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	6/12/2018	Mid-Ebb	Fine	Moderate	11:03	15	B	14	3										NA	NA	NA	NA											

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

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																											
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.						
C1A	8/12/2018	Mid-Flood	Fine	Moderate	10:25	28	S	1	1	8.04		31.46		23.95		87.3		6.26			4.6			0.07			0.003			0.07	0.23	0.13	0.43		
C1A	8/12/2018	Mid-Flood	Fine	Moderate	10:25	28	S	1	2	8.04	8.04	31.47	31.47	23.92	23.94	87.0	87.2	6.23	6.25		4.1	4.4		0.07	0.07		0.003	0.003		0.07	0.24	0.14	0.45	0.44	
C1A	8/12/2018	Mid-Flood	Fine	Moderate	10:25	28	S	1	3																					0.07	0.24	0.14	0.45		
C1A	8/12/2018	Mid-Flood	Fine	Moderate	10:25	28	M	14	1	8.07		32.07		23.42		84.9		6.04			2.2			0.07			0.003			0.07	0.26	0.13	0.46		
C1A	8/12/2018	Mid-Flood	Fine	Moderate	10:25	28	M	14	2	8.07	8.07	32.10	32.09	23.40	23.41	85.2	85.1	6.05	6.05	6.15	6.6	4.4	5.8	0.07	0.07	0.07	0.003	0.003	0.003	0.07	0.26	0.13	0.46	0.46	0.49
C1A	8/12/2018	Mid-Flood	Fine	Moderate	10:25	28	M	14	3																					0.07	0.26	0.13	0.46		
C1A	8/12/2018	Mid-Flood	Fine	Moderate	10:25	28	B	27	1	8.09		31.76		23.06		73.8		5.27			8.7			0.06			0.003			0.06	0.36	0.14	0.56		
C1A	8/12/2018	Mid-Flood	Fine	Moderate	10:25	28	B	27	2	8.11	8.10	31.73	31.75	23.08	23.07	74.9	74.4	5.35	5.31		8.3	8.5		0.06	0.06		0.003	0.003		0.06	0.36	0.14	0.56	0.56	
C1A	8/12/2018	Mid-Flood	Fine	Moderate	10:25	28	B	27	3																					0.06	0.36	0.14	0.56		
C2A	8/12/2018	Mid-Flood	Fine	Moderate	7:30	13	S	1	1	8.12		33.69		23.09		83.1		5.87			2.4			0.12			0.006			0.12	0.16	0.07	0.35		
C2A	8/12/2018	Mid-Flood	Fine	Moderate	7:30	13	S	1	2	8.12	8.12	33.58	33.64	23.08	23.09	82.9	83.0	5.86	5.87		3.3	2.9		0.12	0.12		0.006	0.006		0.12	0.17	0.07	0.36	0.35	
C2A	8/12/2018	Mid-Flood	Fine	Moderate	7:30	13	S	1	3																					0.12	0.17	0.05	0.34		
C2A	8/12/2018	Mid-Flood	Fine	Moderate	7:30	13	M	6.5	1	8.14		33.68		23.06		82.0		5.79			3.7			0.14			0.007			0.14	0.15	0.08	0.37		
C2A	8/12/2018	Mid-Flood	Fine	Moderate	7:30	13	M	6.5	2	8.14	8.14	33.69	33.69	23.05	23.06	81.8	81.9	5.77	5.78	5.82	3.9	3.8	4.2	0.14	0.14	0.14	0.007	0.007	0.007	0.14	0.14	0.08	0.36	0.36	0.34
C2A	8/12/2018	Mid-Flood	Fine	Moderate	7:30	13	M	6.5	3																					0.14	0.14	0.08	0.36		
C2A	8/12/2018	Mid-Flood	Fine	Moderate	7:30	13	B	12	1	8.13		33.84		23.02		81.3		5.74			5.8			0.14			0.007			0.14	0.13	0.04	0.31		
C2A	8/12/2018	Mid-Flood	Fine	Moderate	7:30	13	B	12	2	8.13	8.13	33.82	33.83	23.00	23.01	81.0	81.2	5.71	5.73		6.1	6.0		0.15	0.15		0.007	0.007		0.15	0.13	0.04	0.32	0.31	
C2A	8/12/2018	Mid-Flood	Fine	Moderate	7:30	13	B	12	3																					0.15	0.13	0.03	0.31		
G2	8/12/2018	Mid-Flood	Fine	Moderate	9:21	12	S	1	1	8.04		31.62		22.99		86.7		6.20			3.0			NA			NA			0.03	0.22	0.11	0.36		
G2	8/12/2018	Mid-Flood	Fine	Moderate	9:21	12	S	1	2	8.05	8.05	31.64	31.63	22.98	22.99	86.5	86.6	6.19	6.20		3.4	3.2		NA	NA		NA	NA		0.03	0.22	0.11	0.36	0.36	
G2	8/12/2018	Mid-Flood	Fine	Moderate	9:21	12	S	1	3																					0.03	0.22	0.11	0.36		
G2	8/12/2018	Mid-Flood	Fine	Moderate	9:21	12	M	6	1	8.07		31.92		22.90		86.0		6.13			3.7			NA			NA			0.04	0.25	0.09	0.38		
G2	8/12/2018	Mid-Flood	Fine	Moderate	9:21	12	M	6	2	8.07	8.07	31.93	31.93	22.88	22.89	85.7	85.9	6.11	6.12	6.16	4.0	3.9	3.9	NA	NA	NA	NA	NA	NA	0.04	0.26	0.10	0.40	0.39	0.46
G2	8/12/2018	Mid-Flood	Fine	Moderate	9:21	12	M	6	3																					0.04	0.26	0.10	0.40		
G2	8/12/2018	Mid-Flood	Fine	Moderate	9:21	12	B	11	1	8.08		32.06		22.78		84.4		6.01			4.7			NA			NA			0.04	0.47	0.10	0.61		
G2	8/12/2018	Mid-Flood	Fine	Moderate	9:21	12	B	11	2	8.09	8.09	32.10	32.08	22.82	22.80	84.9	84.7	6.04	6.03		4.6	4.7		NA	NA		NA	NA		0.04	0.47	0.10	0.61	0.61	
G2	8/12/2018	Mid-Flood	Fine	Moderate	9:21	12	B	11	3																					0.04	0.47	0.10	0.61		
SR2	8/12/2018	Mid-Flood	Fine	Moderate	9:33	9	S	1	1	8.03		31.99		22.98		85.8		6.12			4.5			0.10			0.004			NA	NA	NA	NA		
SR2	8/12/2018	Mid-Flood	Fine	Moderate	9:33	9	S	1	2	8.05	8.04	32.01	32.00	23.00	22.99	85.4	85.6	6.09	6.11		4.7	4.6		0.10	0.10		0.004	0.004		NA	NA	NA	NA	NA	
SR2	8/12/2018	Mid-Flood	Fine	Moderate	9:33	9	S	1	3																					NA	NA	NA	NA		
SR2	8/12/2018	Mid-Flood	Fine	Moderate	9:33	9	M	4.5	1	8.07		32.33		22.42		83.6		5.94			6.3			0.10			0.004			NA	NA	NA	NA		
SR2	8/12/2018	Mid-Flood	Fine	Moderate	9:33	9	M	4.5	2	8.07	8.07	32.32	32.33	22.40	22.41	83.3	83.5	5.91	5.93	6.02	6.7	6.5	6.1	0.10	0.10	0.10	0.004	0.004	0.004	NA	NA	NA	NA	NA	NA
SR2	8/12/2018	Mid-Flood	Fine	Moderate	9:33	9	M	4.5	3																					NA	NA	NA	NA		
SR2	8/12/2018	Mid-Flood	Fine	Moderate	9:33	9	B	8	1	8.08		32.47		22.13		80.4		5.74			7.4			0.10			0.004			NA	NA	NA	NA		
SR2	8/12/2018	Mid-Flood	Fine	Moderate	9:33	9	B	8	2	8.09	8.09	32.49	32.48	22.11	22.12	81.2	80.8	5.77	5.76		7.1	7.3		0.10	0.10		0.004	0.004		NA	NA	NA	NA	NA	
SR2	8/12/2018	Mid-Flood	Fine	Moderate	9:33	9	B	8	3																					NA	NA	NA	NA		
SR3	8/12/2018	Mid-Flood	Fine	Moderate	9:08	8	S	1	1	8.00		32.43		23.15		81.4		5.77			5.9			0.10			0.004			NA	NA	NA	NA		
SR3	8/12/2018	Mid-Flood	Fine	Moderate	9:08	8	S	1	2	8.01	8.01	32.45	32.44	23.16	23.16	80.9	81.2	5.73	5.75		6.2	6.1		0.10	0.10		0.004	0.004		NA	NA	NA	NA	NA	
SR3	8/12/2018	Mid-Flood	Fine	Moderate	9:08	8	S	1	3																					NA	NA	NA	NA		
SR3	8/12/2018	Mid-Flood	Fine	Moderate	9:08	8	M	4	1	8.03		32.99		23.12		79.8		5.66			6.3			0.10			0.004			NA	NA	NA	NA		
SR3	8/12/2018	Mid-Flood	Fine	Moderate	9:08	8	M	4	2	8.03	8.03	32.98	32.99	23.11	23.12	79.5	79.7	5.64	5.65	5.70	5.9	6.1	6.4	0.10	0.10	0.09	0.004	0.004	0.004	NA	NA	NA	NA	NA	NA
SR3	8/12/2018	Mid-Flood	Fine	Moderate	9:08	8	M	4	3																					NA	NA	NA	NA		
SR3	8/12/2018	Mid-Flood	Fine	Moderate	9:08	8	B	7	1	8.05		33.44		23.1		77.0		5.53			7.4			0.08			0.003			NA	NA	NA	NA		
SR3	8/12/2018	Mid-Flood	Fine	Moderate	9:08	8	B	7	2	8.06	8.06	33.42	33.43	23.1	23.07	76.4	76.7	5.45	5.49		6.8	7.1		0.08	0.08		0.003	0.003		NA	NA	NA	NA	NA	
SR3	8/12/2018	Mid-Flood	Fine	Moderate	9:08	8	B	7	3																					NA	NA	NA	NA		
SR4	8/12/2018	Mid-Flood	Fine	Moderate	8:43	4	S	1	1	8.02		32.44		23.18		82.6		5.86			4.6			0.12			0.005			NA	NA	NA	NA		
SR4	8/12/2018	Mid-Flood	Fine	Moderate	8:43	4	S	1	2	8.01	8.02	32.44	32.44	23.16	23.17	84.0	83.3	5.95	5.91		4.9	4.8		0.11	0.12		0.004	0.005		NA	NA	NA	NA	NA	
SR4	8/12/2018	Mid-Flood	Fine	Moderate	8:43	4	S	1	3																					NA	NA	NA	NA		
SR4	8/12/2018	Mid-Flood	Fine	Moderate	8:43	4	M		1																					NA	NA	NA	NA		
SR4	8/12/2018	Mid-Flood	Fine	Moderate	8:43	4	M		2		NA		NA		NA		NA		NA	5.91		NA	5.1		NA	0.13		NA	0.005	NA	NA	NA	NA	NA	NA
SR4	8/12/2018	Mid-Flood	Fine	Moderate	8:43	4	M		3																					NA	NA	NA	NA		
SR4	8/12/2018	Mid-Flood	Fine	Moderate	8:43	4	B	3	1	8.04		32.47		23.12		79.6		5.65			5.3			0.13			0.005			NA	NA	NA	NA		
SR4	8/12/2018	Mid-Flood	Fine	Moderate	8:43	4	B	3	2	8.04	8.04	32.46	32.47	23.10	23.11	79.4	79.5	5.63	5.64		5.4	5.4		0.14	0.14		0.006	0.006		NA	NA	NA	NA	NA	
SR4	8/12/2018	Mid-Flood	Fine	Moderate	8:43	4	B	3	3																					NA	NA	NA	NA		

Impact Monitoring Data

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																								TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)												
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.										
SR5	8/12/2018	Mid-Flood	Fine	Moderate	10:00	11	S	1	1	8.02		32.05		22.97		86.0		6.14			3.9			NA			NA			0.07	0.22	0.13	0.42						
SR5	8/12/2018	Mid-Flood	Fine	Moderate	10:00	11	S	1	2	8.03	8.03	32.04	32.05	22.95	22.96	85.3	85.7	6.07	6.11		4.0	4.0		NA	NA		NA	NA		0.07	0.23	0.13	0.43	0.42				
SR5	8/12/2018	Mid-Flood	Fine	Moderate	10:00	11	S	1	3											6.03										0.07	0.23	0.11	0.41					
SR5	8/12/2018	Mid-Flood	Fine	Moderate	10:00	11	M	5.5	1	8.05		32.11		22.85		83.1		5.93			4.6			NA			NA			0.06	0.22	0.13	0.41					
SR5	8/12/2018	Mid-Flood	Fine	Moderate	10:00	11	M	5.5	2	8.05	8.05	32.09	32.10	22.87	22.86	83.6	83.4	5.97	5.95		4.8	4.7	4.7	NA	NA	NA	NA	NA	NA	0.06	0.22	0.13	0.41	0.41	0.41			
SR5	8/12/2018	Mid-Flood	Fine	Moderate	10:00	11	M	5.5	3																					0.06	0.23	0.13	0.42					
SR5	8/12/2018	Mid-Flood	Fine	Moderate	10:00	11	B	10	1	8.06		32.40		22.65		80.7		5.76			5.7			NA			NA			0.06	0.23	0.11	0.40					
SR5	8/12/2018	Mid-Flood	Fine	Moderate	10:00	11	B	10	2	8.07	8.07	32.42	32.41	22.66	22.66	81.2	81.0	5.79	5.78		5.4	5.6		NA	NA		NA	NA		0.06	0.23	0.10	0.39	0.40				
SR5	8/12/2018	Mid-Flood	Fine	Moderate	10:00	11	B	10	3																					0.06	0.24	0.10	0.40					
SR12	8/12/2018	Mid-Flood	Fine	Moderate	8:20	15	S	1	1	8.02		32.52		23.18		80.2		5.68			4.3			0.20			0.008			NA	NA	NA	NA					
SR12	8/12/2018	Mid-Flood	Fine	Moderate	8:20	15	S	1	2	8.03	8.03	32.52	32.52	23.19	23.19	79.1	79.7	5.61	5.65		4.6	4.5		0.20	0.20		0.008	0.008		NA	NA	NA	NA	NA				
SR12	8/12/2018	Mid-Flood	Fine	Moderate	8:20	15	S	1	3											5.58										NA	NA	NA	NA					
SR12	8/12/2018	Mid-Flood	Fine	Moderate	8:20	15	M	7.5	1	8.05		32.64		23.06		78.0		5.53			5.3			0.10			0.004			NA	NA	NA	NA					
SR12	8/12/2018	Mid-Flood	Fine	Moderate	8:20	15	M	7.5	2	8.05	8.05	32.63	32.64	23.06	23.06	77.7	77.9	5.51	5.52		5.7	5.5	5.4	0.10	0.10	0.15	0.004	0.004	0.006	NA	NA	NA	NA	NA	NA			
SR12	8/12/2018	Mid-Flood	Fine	Moderate	8:20	15	M	7.5	3																					NA	NA	NA	NA					
SR12	8/12/2018	Mid-Flood	Fine	Moderate	8:20	15	B	14	1	8.05		32.72		22.87		75.4		5.34			6.2			0.14			0.006			NA	NA	NA	NA					
SR12	8/12/2018	Mid-Flood	Fine	Moderate	8:20	15	B	14	2	8.04	8.05	32.74	32.73	22.89	22.88	74.4	74.9	5.27	5.31		6.4	6.3		0.14	0.14		0.006	0.006		NA	NA	NA	NA	NA				
SR12	8/12/2018	Mid-Flood	Fine	Moderate	8:20	15	B	14	3																					NA	NA	NA	NA					
SR13	8/12/2018	Mid-Flood	Fine	Moderate	7:55	14	S	1	1	8.02		32.60		23.14		80.1		5.67			4.6			NA			NA			NA	NA	NA	NA					
SR13	8/12/2018	Mid-Flood	Fine	Moderate	7:55	14	S	1	2	8.03	8.03	32.60	32.60	23.16	23.15	79.6	79.9	5.64	5.66		4.5	4.6		NA	NA		NA	NA		NA	NA	NA	NA	NA				
SR13	8/12/2018	Mid-Flood	Fine	Moderate	7:55	14	S	1	3											5.56										NA	NA	NA	NA					
SR13	8/12/2018	Mid-Flood	Fine	Moderate	7:55	14	M	7	1	8.04		32.64		23.05		77.4		5.48			5.1			NA			NA			NA	NA	NA	NA					
SR13	8/12/2018	Mid-Flood	Fine	Moderate	7:55	14	M	7	2	8.04	8.04	32.63	32.64	23.04	23.05	77.1	77.3	5.46	5.47		5.3	5.2	5.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
SR13	8/12/2018	Mid-Flood	Fine	Moderate	7:55	14	M	7	3																					NA	NA	NA	NA					
SR13	8/12/2018	Mid-Flood	Fine	Moderate	7:55	14	B	13	1	8.05		32.76		22.98		74.3		5.42			6.9			NA			NA			NA	NA	NA	NA					
SR13	8/12/2018	Mid-Flood	Fine	Moderate	7:55	14	B	13	2	8.04	8.05	32.78	32.77	22.96	22.97	71.0	72.7	5.18	5.30		6.6	6.8		NA	NA		NA	NA		NA	NA	NA	NA	NA				
SR13	8/12/2018	Mid-Flood	Fine	Moderate	7:55	14	B	13	3																					NA	NA	NA	NA					

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

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																						
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)			E.coli (cfu/100mL)			Synthetic Detergent (mg/L)			BOD_5 (mg/L)		
										Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.
C1A	8/12/2018	Mid-Flood	Fine	Moderate	10:25	28	S	1	1	7			0.08			0.004			0.08	0.30	0.10	0.48			15			NA			<1		
C1A	8/12/2018	Mid-Flood	Fine	Moderate	10:25	28	S	1	2	6	6		0.08	0.08		0.004	0.004		0.08	0.30	0.10	0.48	0.48		11	13		NA	NA		<1	1	
C1A	8/12/2018	Mid-Flood	Fine	Moderate	10:25	28	S	1	3										0.07	0.30	0.10	0.47											
C1A	8/12/2018	Mid-Flood	Fine	Moderate	10:25	28	M	14	1	7			0.07			0.003			0.07	0.31	0.10	0.48			16			NA			<1		
C1A	8/12/2018	Mid-Flood	Fine	Moderate	10:25	28	M	14	2	6	6	7	0.08	0.08	0.08	0.004	0.003	0.003	0.08	0.31	0.10	0.49	0.48	0.48	12	14	13	NA	NA	NA	<1	1	1
C1A	8/12/2018	Mid-Flood	Fine	Moderate	10:25	28	M	14	3										0.08	0.30	0.10	0.48											
C1A	8/12/2018	Mid-Flood	Fine	Moderate	10:25	28	B	27	1	7			0.07			0.003			0.07	0.29	0.10	0.46			17			NA			<1		
C1A	8/12/2018	Mid-Flood	Fine	Moderate	10:25	28	B	27	2	7	7		0.08	0.08		0.004	0.004		0.08	0.30	0.10	0.48	0.47		11	14		NA	NA		<1	1	
C1A	8/12/2018	Mid-Flood	Fine	Moderate	10:25	28	B	27	3										0.07	0.30	0.10	0.47											
C2A	8/12/2018	Mid-Flood	Fine	Moderate	7:30	13	S	1	1	8			0.16			0.008			0.16	0.11	0.04	0.31			2000			NA			<1		
C2A	8/12/2018	Mid-Flood	Fine	Moderate	7:30	13	S	1	2	8	8		0.16	0.16		0.008	0.008		0.16	0.11	0.04	0.31	0.32		1300	1612		NA	NA		<1	1	
C2A	8/12/2018	Mid-Flood	Fine	Moderate	7:30	13	S	1	3										0.18	0.11	0.04	0.33											
C2A	8/12/2018	Mid-Flood	Fine	Moderate	7:30	13	M	6.5	1	7			0.17			0.009			0.17	0.11	0.04	0.32			330			NA			<1		
C2A	8/12/2018	Mid-Flood	Fine	Moderate	7:30	13	M	6.5	2	6	7	7	0.18	0.18	0.18	0.009	0.009	0.009	0.18	0.12	0.04	0.34	0.33	0.33	420	372	619	NA	NA	NA	<1	1	1
C2A	8/12/2018	Mid-Flood	Fine	Moderate	7:30	13	M	6.5	3										0.16	0.12	0.04	0.32											
C2A	8/12/2018	Mid-Flood	Fine	Moderate	7:30	13	B	12	1	6			0.18			0.009			0.18	0.11	0.04	0.33			290			NA			<1		
C2A	8/12/2018	Mid-Flood	Fine	Moderate	7:30	13	B	12	2	6	6		0.23	0.21		0.011	0.010		0.23	0.12	0.04	0.39	0.35		540	396		NA	NA		<1	1	
C2A	8/12/2018	Mid-Flood	Fine	Moderate	7:30	13	B	12	3										0.17	0.12	0.03	0.32											
G2	8/12/2018	Mid-Flood	Fine	Moderate	9:21	12	S	1	1	5			NA			NA			0.06	0.29	0.10	0.45			NA			NA			NA		
G2	8/12/2018	Mid-Flood	Fine	Moderate	9:21	12	S	1	2	5	5		NA	NA		NA	NA		0.04	0.29	0.10	0.43	0.43		NA	NA		NA	NA		NA	NA	
G2	8/12/2018	Mid-Flood	Fine	Moderate	9:21	12	S	1	3										0.03	0.29	0.10	0.42											
G2	8/12/2018	Mid-Flood	Fine	Moderate	9:21	12	M	6	1	5			NA			NA			0.04	0.30	0.10	0.44			NA			NA			NA		
G2	8/12/2018	Mid-Flood	Fine	Moderate	9:21	12	M	6	2	6	6	5	NA	NA	NA	NA	NA	NA	0.03	0.30	0.10	0.43	0.44	0.44	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	8/12/2018	Mid-Flood	Fine	Moderate	9:21	12	M	6	3										0.05	0.29	0.10	0.44											
G2	8/12/2018	Mid-Flood	Fine	Moderate	9:21	12	B	11	1	6			NA			NA			0.06	0.30	0.10	0.46			NA			NA			NA		
G2	8/12/2018	Mid-Flood	Fine	Moderate	9:21	12	B	11	2	5	5		NA	NA		NA	NA		0.01	0.30	0.10	0.41	0.44		NA	NA		NA	NA		NA	NA	
G2	8/12/2018	Mid-Flood	Fine	Moderate	9:21	12	B	11	3										0.06	0.30	0.10	0.46											
SR2	8/12/2018	Mid-Flood	Fine	Moderate	9:33	9	S	1	1	9			0.08			0.003			NA	NA	NA	NA			NA			NA			NA		
SR2	8/12/2018	Mid-Flood	Fine	Moderate	9:33	9	S	1	2	10	9		0.09	0.09		0.004	0.004		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	8/12/2018	Mid-Flood	Fine	Moderate	9:33	9	S	1	3										NA	NA	NA	NA											
SR2	8/12/2018	Mid-Flood	Fine	Moderate	9:33	9	M	4.5	1	7			0.07			0.003			NA	NA	NA	NA			NA			NA			NA		
SR2	8/12/2018	Mid-Flood	Fine	Moderate	9:33	9	M	4.5	2	6	7	7	0.07	0.07	0.08	0.003	0.003	0.003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	8/12/2018	Mid-Flood	Fine	Moderate	9:33	9	M	4.5	3										NA	NA	NA	NA											
SR2	8/12/2018	Mid-Flood	Fine	Moderate	9:33	9	B	8	1	5			0.07			0.003			NA	NA	NA	NA			NA			NA			NA		
SR2	8/12/2018	Mid-Flood	Fine	Moderate	9:33	9	B	8	2	5	5		0.07	0.07		0.003	0.003		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	8/12/2018	Mid-Flood	Fine	Moderate	9:33	9	B	8	3										NA	NA	NA	NA											
SR3	8/12/2018	Mid-Flood	Fine	Moderate	9:08	8	S	1	1	9			0.15			0.006			NA	NA	NA	NA			NA			NA			NA		
SR3	8/12/2018	Mid-Flood	Fine	Moderate	9:08	8	S	1	2	9	9		0.14	0.15		0.005	0.006		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	8/12/2018	Mid-Flood	Fine	Moderate	9:08	8	S	1	3										NA	NA	NA	NA											
SR3	8/12/2018	Mid-Flood	Fine	Moderate	9:08	8	M	4	1	11			0.14			0.006			NA	NA	NA	NA			NA			NA			NA		
SR3	8/12/2018	Mid-Flood	Fine	Moderate	9:08	8	M	4	2	9	10	10	0.11	0.13	0.13	0.004	0.005	0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	8/12/2018	Mid-Flood	Fine	Moderate	9:08	8	M	4	3										NA	NA	NA	NA											
SR3	8/12/2018	Mid-Flood	Fine	Moderate	9:08	8	B	7	1	11			0.11			0.005			NA	NA	NA	NA			NA			NA			NA		
SR3	8/12/2018	Mid-Flood	Fine	Moderate	9:08	8	B	7	2	11	11		0.12	0.12		0.005	0.005		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	8/12/2018	Mid-Flood	Fine	Moderate	9:08	8	B	7	3										NA	NA	NA	NA											
SR4	8/12/2018	Mid-Flood	Fine	Moderate	8:43	4	S	1	1	8			0.13			0.005			NA	NA	NA	NA			140			NA			<1		
SR4	8/12/2018	Mid-Flood	Fine	Moderate	8:43	4	S	1	2	8	8		0.13	0.13		0.005	0.005		NA	NA	NA	NA	NA		120	130		NA	NA		<1	1	
SR4	8/12/2018	Mid-Flood	Fine	Moderate	8:43	4	S	1	3										NA	NA	NA	NA											
SR4	8/12/2018	Mid-Flood	Fine	Moderate	8:43	4	M		1										NA	NA	NA	NA						NA					
SR4	8/12/2018	Mid-Flood	Fine	Moderate	8:43	4	M		2		NA	7		NA	0.13		NA	0.005	NA	NA	NA	NA	NA	NA		NA	137	NA	NA	NA		NA	1
SR4	8/12/2018	Mid-Flood	Fine	Moderate	8:43	4	M		3										NA	NA	NA	NA											
SR4	8/12/2018	Mid-Flood	Fine	Moderate	8:43	4	B	3	1	7			0.14			0.006			NA	NA	NA	NA			210			NA			<1		
SR4	8/12/2018	Mid-Flood	Fine	Moderate	8:43	4	B	3	2	6	7		0.12	0.13		0.005	0.005		NA	NA	NA	NA	NA		100	145		NA	NA		<1	1	
SR4	8/12/2018	Mid-Flood	Fine	Moderate	8:43	4	B	3	3										NA	NA	NA	NA											

Impact Monitoring Data

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.
SR5	8/12/2018	Mid-Flood	Fine	Moderate	10:00	11	S	1	1	7			NA			NA			0.08	0.26	0.09	0.43			NA			NA			NA		
SR5	8/12/2018	Mid-Flood	Fine	Moderate	10:00	11	S	1	2	7	7		NA	NA		NA	NA		0.09	0.26	0.09	0.44	0.43		NA	NA		NA	NA		NA	NA	
SR5	8/12/2018	Mid-Flood	Fine	Moderate	10:00	11	S	1	3										0.08	0.27	0.08	0.43											
SR5	8/12/2018	Mid-Flood	Fine	Moderate	10:00	11	M	5.5	1	7			NA			NA			0.09	0.25	0.09	0.43			NA			NA			NA		
SR5	8/12/2018	Mid-Flood	Fine	Moderate	10:00	11	M	5.5	2	7	7	7	NA	NA	NA	NA	NA	NA	0.08	0.25	0.09	0.42	0.42	0.43	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	8/12/2018	Mid-Flood	Fine	Moderate	10:00	11	M	5.5	3										0.08	0.26	0.08	0.42											
SR5	8/12/2018	Mid-Flood	Fine	Moderate	10:00	11	B	10	1	7			NA			NA			0.09	0.25	0.09	0.43			NA			NA			NA		
SR5	8/12/2018	Mid-Flood	Fine	Moderate	10:00	11	B	10	2	8	8		NA	NA		NA	NA		0.09	0.26	0.08	0.43	0.42		NA	NA		NA	NA		NA	NA	
SR5	8/12/2018	Mid-Flood	Fine	Moderate	10:00	11	B	10	3										0.07	0.26	0.08	0.41											
SR12	8/12/2018	Mid-Flood	Fine	Moderate	8:20	15	S	1	1	7			0.17			0.007			NA	NA	NA	NA			190			NA			<1		
SR12	8/12/2018	Mid-Flood	Fine	Moderate	8:20	15	S	1	2	7	7		0.18	0.18		0.007	0.007		NA	NA	NA	NA	NA		110	145		NA	NA		<1	1	
SR12	8/12/2018	Mid-Flood	Fine	Moderate	8:20	15	S	1	3										NA	NA	NA	NA											
SR12	8/12/2018	Mid-Flood	Fine	Moderate	8:20	15	M	7.5	1	7			0.23			0.010			NA	NA	NA	NA			190			NA			<1		
SR12	8/12/2018	Mid-Flood	Fine	Moderate	8:20	15	M	7.5	2	8	7	7	0.19	0.21	0.19	0.008	0.009	0.008	NA	NA	NA	NA	NA	NA	130	157	138	NA	NA	NA	<1	1	1
SR12	8/12/2018	Mid-Flood	Fine	Moderate	8:20	15	M	7.5	3										NA	NA	NA	NA											
SR12	8/12/2018	Mid-Flood	Fine	Moderate	8:20	15	B	14	1	6			0.16			0.007			NA	NA	NA	NA			140			NA			<1		
SR12	8/12/2018	Mid-Flood	Fine	Moderate	8:20	15	B	14	2	7	6		0.18	0.17		0.007	0.007		NA	NA	NA	NA	NA		96	116		NA	NA		<1	1	
SR12	8/12/2018	Mid-Flood	Fine	Moderate	8:20	15	B	14	3										NA	NA	NA	NA											
SR13	8/12/2018	Mid-Flood	Fine	Moderate	7:55	14	S	1	1	7			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	8/12/2018	Mid-Flood	Fine	Moderate	7:55	14	S	1	2	7	7		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	8/12/2018	Mid-Flood	Fine	Moderate	7:55	14	S	1	3										NA	NA	NA	NA											
SR13	8/12/2018	Mid-Flood	Fine	Moderate	7:55	14	M	7	1	7			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	8/12/2018	Mid-Flood	Fine	Moderate	7:55	14	M	7	2	8	7	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	8/12/2018	Mid-Flood	Fine	Moderate	7:55	14	M	7	3										NA	NA	NA	NA											
SR13	8/12/2018	Mid-Flood	Fine	Moderate	7:55	14	B	13	1	7			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	8/12/2018	Mid-Flood	Fine	Moderate	7:55	14	B	13	2	7	7		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	8/12/2018	Mid-Flood	Fine	Moderate	7:55	14	B	13	3										NA	NA	NA	NA											

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

Impact Monitoring Data

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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
C1A	8/12/2018	Mid-Ebb	Fine	Moderate	11:30	28	S	1	1	8.05		32.04		23.84		86.8		6.19			4.4			0.16			0.007			0.16	0.25	0.12	0.53		
C1A	8/12/2018	Mid-Ebb	Fine	Moderate	11:30	28	S	1	2	8.06	8.06	32.01	32.03	23.81	23.83	84.9	85.9	6.06	6.13		4.0	4.2		0.16	0.16		0.007	0.007		0.16	0.25	0.12	0.53	0.53	
C1A	8/12/2018	Mid-Ebb	Fine	Moderate	11:30	28	S	1	3																					0.16	0.25	0.12	0.53		
C1A	8/12/2018	Mid-Ebb	Fine	Moderate	11:30	28	M	14	1	8.07		32.39		23.26		80.5		5.75			5.7			0.18			0.008			0.18	0.24	0.14	0.56		
C1A	8/12/2018	Mid-Ebb	Fine	Moderate	11:30	28	M	14	2	8.08	8.08	32.38	32.39	23.24	23.25	78.8	79.7	5.62	5.69		6.1	5.9	6.3	0.18	0.18	0.13	0.008	0.008	0.006	0.18	0.24	0.14	0.56	0.56	0.50
C1A	8/12/2018	Mid-Ebb	Fine	Moderate	11:30	28	M	14	3																					0.18	0.24	0.14	0.56		
C1A	8/12/2018	Mid-Ebb	Fine	Moderate	11:30	28	B	27	1	8.12		32.58		22.39		71.8		5.12			8.9			0.06			0.003			0.06	0.23	0.10	0.39		
C1A	8/12/2018	Mid-Ebb	Fine	Moderate	11:30	28	B	27	2	8.11	8.12	32.56	32.57	22.35	22.37	73.4	72.6	5.24	5.18		8.4	8.7		0.06	0.06		0.003	0.003		0.06	0.23	0.11	0.40	0.40	
C1A	8/12/2018	Mid-Ebb	Fine	Moderate	11:30	28	B	27	3																					0.06	0.23	0.11	0.40		
C2A	8/12/2018	Mid-Ebb	Fine	Moderate	13:56	13	S	1	1	8.10		33.82		23.08		86.9		6.34			4.2			0.12			0.006			0.12	0.06	0.07	0.25		
C2A	8/12/2018	Mid-Ebb	Fine	Moderate	13:56	13	S	1	2	8.10	8.10	33.80	33.81	23.07	23.08	86.4	86.7	6.30	6.32		4.4	4.3		0.12	0.12		0.006	0.006		0.12	0.06	0.07	0.25	0.25	
C2A	8/12/2018	Mid-Ebb	Fine	Moderate	13:56	13	S	1	3																					0.12	0.06	0.07	0.25		
C2A	8/12/2018	Mid-Ebb	Fine	Moderate	13:56	13	M	6.5	1	8.11		33.91		23.04		82.5		6.02			5.0			0.16			0.008			0.16	0.16	0.05	0.37		
C2A	8/12/2018	Mid-Ebb	Fine	Moderate	13:56	13	M	6.5	2	8.11	8.11	33.90	33.91	23.02	23.03	83.1	82.8	6.06	6.04		5.1	5.1	5.2	0.16	0.16	0.18	0.008	0.008	0.008	0.16	0.16	0.05	0.37	0.37	0.37
C2A	8/12/2018	Mid-Ebb	Fine	Moderate	13:56	13	M	6.5	3																					0.16	0.16	0.05	0.37		
C2A	8/12/2018	Mid-Ebb	Fine	Moderate	13:56	13	B	12	1	8.10		33.97		22.98		80.1		5.84			6.2			0.25			0.012			0.25	0.16	0.08	0.49		
C2A	8/12/2018	Mid-Ebb	Fine	Moderate	13:56	13	B	12	2	8.11	8.11	33.98	33.98	22.99	22.99	80.6	80.4	5.88	5.86		6.5	6.4		0.25	0.25		0.012	0.012		0.25	0.15	0.07	0.47	0.48	
C2A	8/12/2018	Mid-Ebb	Fine	Moderate	13:56	13	B	12	3																					0.25	0.15	0.07	0.47		
G2	8/12/2018	Mid-Ebb	Fine	Moderate	12:37	12	S	1	1	8.08		32.04		23.09		89.6		6.44			4.1			NA			NA			0.01	0.20	0.13	0.34		
G2	8/12/2018	Mid-Ebb	Fine	Moderate	12:37	12	S	1	2	8.09	8.09	32.05	32.05	23.10	23.10	88.8	89.2	6.38	6.41		4.3	4.2		NA	NA		NA	NA		0.01	0.19	0.13	0.33	0.33	
G2	8/12/2018	Mid-Ebb	Fine	Moderate	12:37	12	S	1	3																					0.01	0.19	0.12	0.32		
G2	8/12/2018	Mid-Ebb	Fine	Moderate	12:37	12	M	6	1	8.11		32.43		22.89		85.3		6.13			4.9			NA			NA			0.07	0.23	0.05	0.35		
G2	8/12/2018	Mid-Ebb	Fine	Moderate	12:37	12	M	6	2	8.10	8.11	32.42	32.43	22.90	22.90	84.2	84.8	6.05	6.09		5.2	5.1	5.0	NA	NA	NA	NA	NA	NA	0.07	0.22	0.04	0.33	0.34	0.43
G2	8/12/2018	Mid-Ebb	Fine	Moderate	12:37	12	M	6	3																					0.07	0.22	0.04	0.33		
G2	8/12/2018	Mid-Ebb	Fine	Moderate	12:37	12	B	11	1	8.12		32.76		22.64		80.4		5.78			5.7			NA			NA			0.07	0.47	0.07	0.61		
G2	8/12/2018	Mid-Ebb	Fine	Moderate	12:37	12	B	11	2	8.12	8.12	32.77	32.77	22.65	22.65	81.1	80.8	5.83	5.81		6.0	5.9		NA	NA		NA	NA		0.07	0.47	0.07	0.61	0.61	
G2	8/12/2018	Mid-Ebb	Fine	Moderate	12:37	12	B	11	3																					0.07	0.47	0.07	0.61		
SR2	8/12/2018	Mid-Ebb	Fine	Moderate	12:15	9	S	1	1	8.07		32.23		23.04		87.7		6.26			3.9			0.10			0.004			NA	NA	NA	NA		
SR2	8/12/2018	Mid-Ebb	Fine	Moderate	12:15	9	S	1	2	8.06	8.07	32.24	32.24	23.05	23.05	86.9	87.3	6.20	6.23		4.4	4.2		0.10	0.10		0.004	0.004		NA	NA	NA	NA	NA	
SR2	8/12/2018	Mid-Ebb	Fine	Moderate	12:15	9	S	1	3																					NA	NA	NA	NA		
SR2	8/12/2018	Mid-Ebb	Fine	Moderate	12:15	9	M	4.5	1	8.09		32.48		22.87		84.3		6.02			5.7			0.10			0.005			NA	NA	NA	NA		
SR2	8/12/2018	Mid-Ebb	Fine	Moderate	12:15	9	M	4.5	2	8.09	8.09	32.48	32.48	22.89	22.88	84.0	84.2	5.99	6.01		6.2	6.0	5.9	0.10	0.10	0.10	0.005	0.005	0.005	NA	NA	NA	NA	NA	NA
SR2	8/12/2018	Mid-Ebb	Fine	Moderate	12:15	9	M	4.5	3																					NA	NA	NA	NA		
SR2	8/12/2018	Mid-Ebb	Fine	Moderate	12:15	9	B	8	1	8.11		32.59		22.56		81.5		5.82			7.8			0.10			0.005			NA	NA	NA	NA		
SR2	8/12/2018	Mid-Ebb	Fine	Moderate	12:15	9	B	8	2	8.10	8.11	32.61	32.60	22.55	22.56	80.8	81.2	5.77	5.80		7.6	7.7		0.10	0.10		0.005	0.005		NA	NA	NA	NA	NA	
SR2	8/12/2018	Mid-Ebb	Fine	Moderate	12:15	9	B	8	3																					NA	NA	NA	NA		
SR3	8/12/2018	Mid-Ebb	Fine	Moderate	12:58	8	S	1	1	8.03		32.89		23.22		83.7		5.97			3.7			0.18			0.007			NA	NA	NA	NA		
SR3	8/12/2018	Mid-Ebb	Fine	Moderate	12:58	8	S	1	2	8.03	8.03	32.88	32.89	23.25	23.24	84.2	84.0	6.01	5.99		4.0	3.9		0.18	0.18		0.007	0.007		NA	NA	NA	NA	NA	
SR3	8/12/2018	Mid-Ebb	Fine	Moderate	12:58	8	S	1	3																					NA	NA	NA	NA		
SR3	8/12/2018	Mid-Ebb	Fine	Moderate	12:58	8	M	4	1	8.04		33.20		23.17		80.9		5.77			4.8			0.17			0.007			NA	NA	NA	NA		
SR3	8/12/2018	Mid-Ebb	Fine	Moderate	12:58	8	M	4	2	8.05	8.05	33.18	33.19	23.19	23.18	79.6	80.3	5.68	5.73		4.6	4.7	4.7	0.17	0.17	0.16	0.007	0.007	0.007	NA	NA	NA	NA	NA	NA
SR3	8/12/2018	Mid-Ebb	Fine	Moderate	12:58	8	M	4	3																					NA	NA	NA	NA		
SR3	8/12/2018	Mid-Ebb	Fine	Moderate	12:58	8	B	7	1	8.05		33.59		23.10		78.4		5.61			5.3			0.14			0.006			NA	NA	NA	NA		
SR3	8/12/2018	Mid-Ebb	Fine	Moderate	12:58	8	B	7	2	8.04	8.05	33.61	33.60	23.09	23.10	76.8	77.6	5.48	5.55		5.6	5.5		0.14	0.14		0.006	0.006		NA	NA	NA	NA	NA	
SR3	8/12/2018	Mid-Ebb	Fine	Moderate	12:58	8	B	7	3																					NA	NA	NA	NA		
SR4	8/12/2018	Mid-Ebb	Fine	Moderate	13:10	4	S	1	1	8.04		32.52		23.19		84.4		6.11			5.0			0.17			0.007			NA	NA	NA	NA		
SR4	8/12/2018	Mid-Ebb	Fine	Moderate	13:10	4	S	1	2	8.03	8.04	32.50	32.51	23.21	23.20	83.9	84.2	6.07	6.09		5.2	5.1		0.16	0.17		0.007	0.007		NA	NA	NA	NA	NA	
SR4	8/12/2018	Mid-Ebb	Fine	Moderate	13:10	4	S	1	3																					NA	NA	NA	NA		
SR4	8/12/2018	Mid-Ebb	Fine	Moderate	13:10	4	M		1																					NA	NA	NA	NA		
SR4	8/12/2018	Mid-Ebb	Fine	Moderate	13:10	4	M		2		NA		NA		NA		NA		NA	6.09		NA	5.6		NA	0.13		NA	0.006	NA	NA	NA	NA	NA	NA
SR4	8/12/2018	Mid-Ebb	Fine	Moderate	13:10	4	M		3																					NA	NA	NA	NA		
SR4	8/12/2018	Mid-Ebb	Fine	Moderate	13:10	4	B	3	1	8.07		32.98		23.14		82.7		6.03			5.9			0.10			0.004			NA	NA	NA	NA		
SR4	8/12/2018	Mid-Ebb	Fine	Moderate	13:10	4	B	3	2	8.07	8.07	32.99	32.99	23.15	23.15	82.4	82.6	6.01	6.02		6.3	6.1		0.10	0.10		0.004	0.004		NA	NA	NA	NA	NA	
SR4	8/12/2018	Mid-Ebb	Fine	Moderate	13:10	4	B	3	3																					NA	NA	NA	NA		

Impact Monitoring Data

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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR5	8/12/2018	Mid-Ebb	Fine	Moderate	11:55	11	S	1	1	8.05		32.12		22.95		85.9		6.13			3.7			NA			NA			0.19	0.39	0.12	0.70		
SR5	8/12/2018	Mid-Ebb	Fine	Moderate	11:55	11	S	1	2	8.04	8.05	32.11	32.12	22.93	22.94	84.6	85.3	6.04	6.09		4.1	3.9		NA	NA		NA	NA		0.18	0.39	0.12	0.69	0.69	
SR5	8/12/2018	Mid-Ebb	Fine	Moderate	11:55	11	S	1	3											5.97										0.18	0.39	0.12	0.69		
SR5	8/12/2018	Mid-Ebb	Fine	Moderate	11:55	11	M	5.5	1	8.08		32.34		22.57		82.7		5.90			4.8			NA			NA			0.10	0.16	0.12	0.38		
SR5	8/12/2018	Mid-Ebb	Fine	Moderate	11:55	11	M	5.5	2	8.08	8.08	32.34	32.34	22.58	22.58	81.3	82.0	5.80	5.85		4.6	4.7	4.7	NA	NA	NA	NA	NA	NA	0.10	0.16	0.12	0.38	0.38	0.48
SR5	8/12/2018	Mid-Ebb	Fine	Moderate	11:55	11	M	5.5	3																					0.10	0.16	0.12	0.38		
SR5	8/12/2018	Mid-Ebb	Fine	Moderate	11:55	11	B	10	1	8.09		32.47		22.16		80.1		5.72			5.4			NA			NA			0.09	0.16	0.12	0.37		
SR5	8/12/2018	Mid-Ebb	Fine	Moderate	11:55	11	B	10	2	8.10	8.10	32.48	32.48	22.17	22.17	79.3	79.7	5.66	5.69		5.7	5.6		NA	NA		NA	NA		0.09	0.16	0.12	0.37	0.37	
SR5	8/12/2018	Mid-Ebb	Fine	Moderate	11:55	11	B	10	3																					0.09	0.16	0.12	0.37		
SR12	8/12/2018	Mid-Ebb	Fine	Moderate	13:21	15	S	1	1	8.05		33.38		23.90		82.9		5.91			4.1			0.22			0.010			NA	NA	NA	NA		
SR12	8/12/2018	Mid-Ebb	Fine	Moderate	13:21	15	S	1	2	8.04	8.05	33.40	33.39	23.93	23.92	83.3	83.1	5.95	5.93		3.7	3.9		0.22	0.22		0.010	0.010		NA	NA	NA	NA	NA	
SR12	8/12/2018	Mid-Ebb	Fine	Moderate	13:21	15	S	1	3											5.82										NA	NA	NA	NA		
SR12	8/12/2018	Mid-Ebb	Fine	Moderate	13:21	15	M	7.5	1	8.06		33.62		23.82		79.9		5.70			5.9			0.24			0.011			NA	NA	NA	NA		
SR12	8/12/2018	Mid-Ebb	Fine	Moderate	13:21	15	M	7.5	2	8.06	8.06	33.65	33.64	23.83	23.83	80.3	80.1	5.73	5.72		5.6	5.8	5.6	0.22	0.23	0.27	0.010	0.010	0.012	NA	NA	NA	NA	NA	NA
SR12	8/12/2018	Mid-Ebb	Fine	Moderate	13:21	15	M	7.5	3																					NA	NA	NA	NA		
SR12	8/12/2018	Mid-Ebb	Fine	Moderate	13:21	15	B	14	1	8.06		33.81		23.50		76.4		5.45			6.8			0.37			0.016			NA	NA	NA	NA		
SR12	8/12/2018	Mid-Ebb	Fine	Moderate	13:21	15	B	14	2	8.05	8.06	33.82	33.82	23.48	23.49	75.2	75.8	5.37	5.41		7.2	7.0		0.37	0.37		0.016	0.016		NA	NA	NA	NA	NA	
SR12	8/12/2018	Mid-Ebb	Fine	Moderate	13:21	15	B	14	3																					NA	NA	NA	NA		
SR13	8/12/2018	Mid-Ebb	Fine	Moderate	13:40	14	S	1	1	8.05		33.42		23.68		83.5		6.09			3.7			NA			NA			NA	NA	NA	NA		
SR13	8/12/2018	Mid-Ebb	Fine	Moderate	13:40	14	S	1	2	8.05	8.05	33.41	33.42	23.70	23.69	82.7	83.1	6.03	6.06		3.9	3.8		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	8/12/2018	Mid-Ebb	Fine	Moderate	13:40	14	S	1	3											5.98										NA	NA	NA	NA		
SR13	8/12/2018	Mid-Ebb	Fine	Moderate	13:40	14	M	7	1	8.04		33.79		23.37		80.4		5.86			4.7			NA			NA			NA	NA	NA	NA		
SR13	8/12/2018	Mid-Ebb	Fine	Moderate	13:40	14	M	7	2	8.03	8.04	33.81	33.80	23.37	23.37	80.0	80.2	5.92	5.89		4.8	4.8	4.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	8/12/2018	Mid-Ebb	Fine	Moderate	13:40	14	M	7	3																					NA	NA	NA	NA		
SR13	8/12/2018	Mid-Ebb	Fine	Moderate	13:40	14	B	13	1	8.04		33.86		23.12		78.8		5.75			5.3			NA			NA			NA	NA	NA	NA		
SR13	8/12/2018	Mid-Ebb	Fine	Moderate	13:40	14	B	13	2	8.04	8.04	33.85	33.86	23.10	23.11	76.6	77.7	5.59	5.67		5.7	5.5		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	8/12/2018	Mid-Ebb	Fine	Moderate	13:40	14	B	13	3																					NA	NA	NA	NA		

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

Impact Monitoring Data

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	8/12/2018	Mid-Ebb	Fine	Moderate	11:30	28	S	1	1	10			0.09			0.004			0.09	0.30	0.10	0.49			23			NA			<1		
C1A	8/12/2018	Mid-Ebb	Fine	Moderate	11:30	28	S	1	2	10	10		0.09	0.09		0.004	0.004		0.09	0.31	0.10	0.50	0.49		13	17		NA	NA		<1	1	
C1A	8/12/2018	Mid-Ebb	Fine	Moderate	11:30	28	S	1	3										0.07	0.31	0.10	0.48											
C1A	8/12/2018	Mid-Ebb	Fine	Moderate	11:30	28	M	14	1	9			0.09			0.004			0.09	0.30	0.10	0.49			8			NA			<1		
C1A	8/12/2018	Mid-Ebb	Fine	Moderate	11:30	28	M	14	2	9	9	9	0.08	0.09	0.08	0.004	0.004	0.004	0.08	0.31	0.10	0.49	0.49	0.48	10	9	11	NA	NA	NA	<1	1	1
C1A	8/12/2018	Mid-Ebb	Fine	Moderate	11:30	28	M	14	3										0.07	0.31	0.10	0.48											
C1A	8/12/2018	Mid-Ebb	Fine	Moderate	11:30	28	B	27	1	9			0.07			0.003			0.07	0.29	0.10	0.46			13			NA			<1		
C1A	8/12/2018	Mid-Ebb	Fine	Moderate	11:30	28	B	27	2	9	9		0.08	0.08		0.004	0.003		0.08	0.31	0.10	0.49	0.48		6	9		NA	NA		<1	1	
C1A	8/12/2018	Mid-Ebb	Fine	Moderate	11:30	28	B	27	3										0.08	0.30	0.10	0.48											
C2A	8/12/2018	Mid-Ebb	Fine	Moderate	13:56	13	S	1	1	10			0.24			0.011			0.24	0.13	0.03	0.40			18			NA			1		
C2A	8/12/2018	Mid-Ebb	Fine	Moderate	13:56	13	S	1	2	10	10		0.22	0.23		0.010	0.011		0.22	0.13	0.03	0.38	0.39		31	24		NA	NA		1	1	
C2A	8/12/2018	Mid-Ebb	Fine	Moderate	13:56	13	S	1	3										0.22	0.12	0.04	0.38											
C2A	8/12/2018	Mid-Ebb	Fine	Moderate	13:56	13	M	6.5	1	8			0.20			0.010			0.20	0.11	0.04	0.35			1800			NA			<1		
C2A	8/12/2018	Mid-Ebb	Fine	Moderate	13:56	13	M	6.5	2	8	8	9	0.22	0.21	0.22	0.010	0.010	0.010	0.22	0.13	0.03	0.38	0.37	0.37	2600	2163	499	NA	NA	NA	1	1	1
C2A	8/12/2018	Mid-Ebb	Fine	Moderate	13:56	13	M	6.5	3										0.22	0.11	0.04	0.37											
C2A	8/12/2018	Mid-Ebb	Fine	Moderate	13:56	13	B	12	1	7			0.24			0.011			0.24	0.11	0.04	0.39			2100			NA			<1		
C2A	8/12/2018	Mid-Ebb	Fine	Moderate	13:56	13	B	12	2	7	7		0.20	0.22		0.009	0.010		0.20	0.11	0.04	0.35	0.35		2800	2425		NA	NA		<1	1	
C2A	8/12/2018	Mid-Ebb	Fine	Moderate	13:56	13	B	12	3										0.17	0.11	0.04	0.32											
G2	8/12/2018	Mid-Ebb	Fine	Moderate	12:37	12	S	1	1	7			NA			NA			0.05	0.29	0.10	0.44			NA			NA			NA		
G2	8/12/2018	Mid-Ebb	Fine	Moderate	12:37	12	S	1	2	7	7		NA	NA		NA	NA		0.03	0.30	0.10	0.43	0.43		NA	NA		NA	NA		NA	NA	
G2	8/12/2018	Mid-Ebb	Fine	Moderate	12:37	12	S	1	3										0.04	0.29	0.10	0.43											
G2	8/12/2018	Mid-Ebb	Fine	Moderate	12:37	12	M	6	1	6			NA			NA			0.03	0.30	0.10	0.43			NA			NA			NA		
G2	8/12/2018	Mid-Ebb	Fine	Moderate	12:37	12	M	6	2	6	6	7	NA	NA	NA	NA	NA	NA	0.02	0.30	0.09	0.41	0.42	0.42	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	8/12/2018	Mid-Ebb	Fine	Moderate	12:37	12	M	6	3										0.04	0.29	0.10	0.43											
G2	8/12/2018	Mid-Ebb	Fine	Moderate	12:37	12	B	11	1	7			NA			NA			0.02	0.30	0.09	0.41			NA			NA			NA		
G2	8/12/2018	Mid-Ebb	Fine	Moderate	12:37	12	B	11	2	6	7		NA	NA		NA	NA		0.02	0.29	0.10	0.41	0.42		NA	NA		NA	NA		NA	NA	
G2	8/12/2018	Mid-Ebb	Fine	Moderate	12:37	12	B	11	3										0.04	0.29	0.10	0.43											
SR2	8/12/2018	Mid-Ebb	Fine	Moderate	12:15	9	S	1	1	6			0.07			0.003			NA	NA	NA	NA			NA			NA			NA		
SR2	8/12/2018	Mid-Ebb	Fine	Moderate	12:15	9	S	1	2	7	6		0.07	0.07		0.003	0.003		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	8/12/2018	Mid-Ebb	Fine	Moderate	12:15	9	S	1	3										NA	NA	NA	NA											
SR2	8/12/2018	Mid-Ebb	Fine	Moderate	12:15	9	M	4.5	1	6			0.07			0.003			NA	NA	NA	NA			NA			NA			NA		
SR2	8/12/2018	Mid-Ebb	Fine	Moderate	12:15	9	M	4.5	2	6	6	6	0.07	0.07	0.07	0.003	0.003	0.003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	8/12/2018	Mid-Ebb	Fine	Moderate	12:15	9	M	4.5	3										NA	NA	NA	NA											
SR2	8/12/2018	Mid-Ebb	Fine	Moderate	12:15	9	B	8	1	6			0.07			0.003			NA	NA	NA	NA			NA			NA			NA		
SR2	8/12/2018	Mid-Ebb	Fine	Moderate	12:15	9	B	8	2	6	6		0.07	0.07		0.003	0.003		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	8/12/2018	Mid-Ebb	Fine	Moderate	12:15	9	B	8	3										NA	NA	NA	NA											
SR3	8/12/2018	Mid-Ebb	Fine	Moderate	12:58	8	S	1	1	9			0.16			0.007			NA	NA	NA	NA			NA			NA			NA		
SR3	8/12/2018	Mid-Ebb	Fine	Moderate	12:58	8	S	1	2	8	8		0.14	0.15		0.006	0.006		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	8/12/2018	Mid-Ebb	Fine	Moderate	12:58	8	S	1	3										NA	NA	NA	NA											
SR3	8/12/2018	Mid-Ebb	Fine	Moderate	12:58	8	M	4	1	8			0.13			0.005			NA	NA	NA	NA			NA			NA			NA		
SR3	8/12/2018	Mid-Ebb	Fine	Moderate	12:58	8	M	4	2	9	8	9	0.11	0.12	0.13	0.005	0.005	0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	8/12/2018	Mid-Ebb	Fine	Moderate	12:58	8	M	4	3										NA	NA	NA	NA											
SR3	8/12/2018	Mid-Ebb	Fine	Moderate	12:58	8	B	7	1	12			0.11			0.005			NA	NA	NA	NA			NA			NA			NA		
SR3	8/12/2018	Mid-Ebb	Fine	Moderate	12:58	8	B	7	2	11	11		0.13	0.12		0.005	0.005		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	8/12/2018	Mid-Ebb	Fine	Moderate	12:58	8	B	7	3										NA	NA	NA	NA											
SR4	8/12/2018	Mid-Ebb	Fine	Moderate	13:10	4	S	1	1	9			0.13			0.005			NA	NA	NA	NA			200			NA			<1		
SR4	8/12/2018	Mid-Ebb	Fine	Moderate	13:10	4	S	1	2	9	9		0.12	0.13		0.005	0.005		NA	NA	NA	NA	NA		310	249		NA	NA		1	1	
SR4	8/12/2018	Mid-Ebb	Fine	Moderate	13:10	4	S	1	3										NA	NA	NA	NA											
SR4	8/12/2018	Mid-Ebb	Fine	Moderate	13:10	4	M		1										NA	NA	NA	NA						NA					
SR4	8/12/2018	Mid-Ebb	Fine	Moderate	13:10	4	M		2		NA	9		NA	0.13		NA	0.005	NA	NA	NA	NA	NA	NA		NA	225	NA	NA	NA		NA	1
SR4	8/12/2018	Mid-Ebb	Fine	Moderate	13:10	4	M		3										NA	NA	NA	NA											
SR4	8/12/2018	Mid-Ebb	Fine	Moderate	13:10	4	B	3	1	8			0.12			0.005			NA	NA	NA	NA			180			NA			<1		
SR4	8/12/2018	Mid-Ebb	Fine	Moderate	13:10	4	B	3	2	9	8		0.13	0.13		0.006	0.006		NA	NA	NA	NA	NA		230	203		NA	NA		<1	1	
SR4	8/12/2018	Mid-Ebb	Fine	Moderate	13:10	4	B	3	3										NA	NA	NA	NA											

Impact Monitoring Data

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.
SR5	8/12/2018	Mid-Ebb	Fine	Moderate	11:55	11	S	1	1	8			NA			NA			0.09	0.25	0.09	0.43			NA			NA			NA		
SR5	8/12/2018	Mid-Ebb	Fine	Moderate	11:55	11	S	1	2	9	8		NA	NA		NA	NA		0.08	0.25	0.08	0.41	0.42		NA	NA		NA	NA		NA	NA	
SR5	8/12/2018	Mid-Ebb	Fine	Moderate	11:55	11	S	1	3										0.08	0.25	0.08	0.41											
SR5	8/12/2018	Mid-Ebb	Fine	Moderate	11:55	11	M	5.5	1	8			NA			NA			0.08	0.26	0.08	0.42			NA			NA			NA		
SR5	8/12/2018	Mid-Ebb	Fine	Moderate	11:55	11	M	5.5	2	8	8	8	NA	NA	NA	NA	NA	NA	0.08	0.26	0.08	0.42	0.42	0.42	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	8/12/2018	Mid-Ebb	Fine	Moderate	11:55	11	M	5.5	3										0.09	0.26	0.08	0.43											
SR5	8/12/2018	Mid-Ebb	Fine	Moderate	11:55	11	B	10	1	8			NA			NA			0.07	0.26	0.08	0.41			NA			NA			NA		
SR5	8/12/2018	Mid-Ebb	Fine	Moderate	11:55	11	B	10	2	8	8		NA	NA		NA	NA		0.08	0.26	0.08	0.42	0.42		NA	NA		NA	NA		NA	NA	
SR5	8/12/2018	Mid-Ebb	Fine	Moderate	11:55	11	B	10	3										0.09	0.26	0.08	0.43											
SR12	8/12/2018	Mid-Ebb	Fine	Moderate	13:21	15	S	1	1	8			0.29			0.013			NA	NA	NA	NA			4			NA			1		
SR12	8/12/2018	Mid-Ebb	Fine	Moderate	13:21	15	S	1	2	8	8		0.29	0.29		0.013	0.013		NA	NA	NA	NA	NA		9	6		NA	NA		1	1	
SR12	8/12/2018	Mid-Ebb	Fine	Moderate	13:21	15	S	1	3										NA	NA	NA	NA											
SR12	8/12/2018	Mid-Ebb	Fine	Moderate	13:21	15	M	7.5	1	8			0.30			0.014			NA	NA	NA	NA			9			NA			<1		
SR12	8/12/2018	Mid-Ebb	Fine	Moderate	13:21	15	M	7.5	2	8	8	9	0.27	0.29	0.29	0.012	0.013	0.013	NA	NA	NA	NA	NA	NA	15	12	8	NA	NA	NA	<1	1	1
SR12	8/12/2018	Mid-Ebb	Fine	Moderate	13:21	15	M	7.5	3										NA	NA	NA	NA											
SR12	8/12/2018	Mid-Ebb	Fine	Moderate	13:21	15	B	14	1	9			0.27			0.012			NA	NA	NA	NA			10			NA			<1		
SR12	8/12/2018	Mid-Ebb	Fine	Moderate	13:21	15	B	14	2	10	9		0.29	0.28		0.013	0.012		NA	NA	NA	NA	NA		6	8		NA	NA		1	1	
SR12	8/12/2018	Mid-Ebb	Fine	Moderate	13:21	15	B	14	3										NA	NA	NA	NA											
SR13	8/12/2018	Mid-Ebb	Fine	Moderate	13:40	14	S	1	1	9			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	8/12/2018	Mid-Ebb	Fine	Moderate	13:40	14	S	1	2	8	9		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	8/12/2018	Mid-Ebb	Fine	Moderate	13:40	14	S	1	3										NA	NA	NA	NA											
SR13	8/12/2018	Mid-Ebb	Fine	Moderate	13:40	14	M	7	1	9			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	8/12/2018	Mid-Ebb	Fine	Moderate	13:40	14	M	7	2	10	9	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	8/12/2018	Mid-Ebb	Fine	Moderate	13:40	14	M	7	3										NA	NA	NA	NA											
SR13	8/12/2018	Mid-Ebb	Fine	Moderate	13:40	14	B	13	1	11			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	8/12/2018	Mid-Ebb	Fine	Moderate	13:40	14	B	13	2	11	11		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	8/12/2018	Mid-Ebb	Fine	Moderate	13:40	14	B	13	3										NA	NA	NA	NA											

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

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																													
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.							
C1A	11/12/2018	Mid-Flood	Fine	Moderate	12:30	28	S	1	1	8.09		32.98		22.09		89.2		6.43			6.4			0.08			0.003			0.08	0.16	0.04	0.28						
C1A	11/12/2018	Mid-Flood	Fine	Moderate	12:30	28	S	1	2	8.09	8.09	32.99	32.99	22.11	22.10	89.6	89.4	6.46	6.45		6.2	6.3		0.09	0.09		0.004	0.004		0.09	0.16	0.04	0.29	0.29				
C1A	11/12/2018	Mid-Flood	Fine	Moderate	12:30	28	S	1	3											6.40										0.09	0.16	0.03	0.28					
C1A	11/12/2018	Mid-Flood	Fine	Moderate	12:30	28	M	14	1	8.11		33.27		22.22		88.4		6.37			7.6			0.08			0.004			0.08	0.17	0.04	0.29					
C1A	11/12/2018	Mid-Flood	Fine	Moderate	12:30	28	M	14	2	8.11	8.11	33.28	33.28	22.21	22.22	88.2	88.3	6.34	6.36		7.5	7.6	7.3	0.10	0.09	0.10	0.005	0.004	0.004	0.10	0.16	0.04	0.30	0.29	0.30			
C1A	11/12/2018	Mid-Flood	Fine	Moderate	12:30	28	M	14	3																					0.08	0.16	0.04	0.28					
C1A	11/12/2018	Mid-Flood	Fine	Moderate	12:30	28	B	27	1	8.13		33.41		22.39		87.8		6.33			7.8			0.11			0.005			0.11	0.17	0.04	0.32					
C1A	11/12/2018	Mid-Flood	Fine	Moderate	12:30	28	B	27	2	8.13	8.13	33.44	33.43	22.39	22.39	87.9	87.9	6.35	6.34		8.1	8.0		0.11	0.11		0.005	0.005		0.11	0.18	0.03	0.32	0.32				
C1A	11/12/2018	Mid-Flood	Fine	Moderate	12:30	28	B	27	3																					0.11	0.17	0.03	0.31					
C2A	11/12/2018	Mid-Flood	Fine	Moderate	11:06	13	S	1	1	8.02		33.30		22.26		82.4		5.91			2.4			0.21			0.008			0.21	0.09	0.02	0.32					
C2A	11/12/2018	Mid-Flood	Fine	Moderate	11:06	13	S	1	2	8.02	8.02	33.30	33.30	22.27	22.27	82.5	82.5	5.82	5.87		2.4	2.4		0.23	0.22		0.009	0.008		0.23	0.09	0.02	0.34	0.33				
C2A	11/12/2018	Mid-Flood	Fine	Moderate	11:06	13	S	1	3											5.90										0.23	0.08	0.02	0.33					
C2A	11/12/2018	Mid-Flood	Fine	Moderate	11:06	13	M	6.5	1	8.05		33.42		22.35		82.8		5.93			4.5			0.25			0.010			0.25	0.09	0.02	0.36					
C2A	11/12/2018	Mid-Flood	Fine	Moderate	11:06	13	M	6.5	2	8.06	8.06	33.41	33.42	22.34	22.35	82.8	82.8	5.93	5.93		4.6	4.6	4.0	0.25	0.25	0.24	0.010	0.010	0.009	0.25	0.10	0.02	0.37	0.36	0.35			
C2A	11/12/2018	Mid-Flood	Fine	Moderate	11:06	13	M	6.5	3																					0.25	0.10	0.02	0.37					
C2A	11/12/2018	Mid-Flood	Fine	Moderate	11:06	13	B	12	1	8.06		33.47		22.41		83.1		5.94			5.1			0.24			0.010			0.24	0.09	0.02	0.35					
C2A	11/12/2018	Mid-Flood	Fine	Moderate	11:06	13	B	12	2	8.06	8.06	33.49	33.48	22.40	22.41	83.0	83.1	5.94	5.94		5.1	5.1		0.25	0.25		0.010	0.010		0.25	0.10	0.02	0.37	0.36				
C2A	11/12/2018	Mid-Flood	Fine	Moderate	11:06	13	B	12	3																					0.24	0.10	0.02	0.36					
G2	11/12/2018	Mid-Flood	Fine	Moderate	12:03	12	S	1	1	8.08		32.98		22.01		90.2		6.51			2.9			NA			NA			0.07	0.13	0.03	0.23					
G2	11/12/2018	Mid-Flood	Fine	Moderate	12:03	12	S	1	2	8.08	8.08	32.99	32.99	22.04	22.03	90.1	90.2	6.50	6.51		2.7	2.8		NA	NA		NA	NA		0.08	0.14	0.03	0.25	0.25				
G2	11/12/2018	Mid-Flood	Fine	Moderate	12:03	12	S	1	3											6.49										0.08	0.15	0.04	0.27					
G2	11/12/2018	Mid-Flood	Fine	Moderate	12:03	12	M	6	1	8.10		33.04		22.11		89.8		6.47			3.0			NA			NA			0.08	0.15	0.04	0.27					
G2	11/12/2018	Mid-Flood	Fine	Moderate	12:03	12	M	6	2	8.12	8.11	33.04	33.04	22.12	22.12	89.8	89.8	6.46	6.47		3.1	3.1	3.0	NA	NA	NA	NA	NA	NA	0.09	0.16	0.04	0.29	0.28	0.28			
G2	11/12/2018	Mid-Flood	Fine	Moderate	12:03	12	M	6	3																					0.08	0.15	0.05	0.28					
G2	11/12/2018	Mid-Flood	Fine	Moderate	12:03	12	B	11	1	8.12		33.16		22.20		89.1		6.42			3.2			NA			NA			0.10	0.15	0.05	0.30					
G2	11/12/2018	Mid-Flood	Fine	Moderate	12:03	12	B	11	2	8.12	8.12	33.14	33.15	22.21	22.21	8.9	49.0	6.41	6.42		3.0	3.1		NA	NA		NA	NA		0.10	0.16	0.05	0.31	0.31				
G2	11/12/2018	Mid-Flood	Fine	Moderate	12:03	12	B	11	3																					0.11	0.16	0.05	0.32					
SR2	11/12/2018	Mid-Flood	Fine	Moderate	12:10	8	S	1	1	8.10		32.97		22.09		89.3		6.43			3.4			0.08			0.004			NA	NA	NA	NA					
SR2	11/12/2018	Mid-Flood	Fine	Moderate	12:10	8	S	1	2	8.10	8.10	32.97	32.97	22.10	22.10	89.2	89.3	6.42	6.43		3.4	3.4		0.09	0.09		0.004	0.004		NA	NA	NA	NA	NA				
SR2	11/12/2018	Mid-Flood	Fine	Moderate	12:10	8	S	1	3											6.41										NA	NA	NA	NA					
SR2	11/12/2018	Mid-Flood	Fine	Moderate	12:10	8	M	4	1	8.12		33.00		22.13		88.7		6.39			3.6			0.10			0.005			NA	NA	NA	NA					
SR2	11/12/2018	Mid-Flood	Fine	Moderate	12:10	8	M	4	2	8.11	8.12	33.02	33.01	22.14	22.14	88.8	88.8	6.41	6.40		3.5	3.6	3.7	0.10	0.10	0.10	0.005	0.005	0.004	NA	NA	NA	NA	NA	NA			
SR2	11/12/2018	Mid-Flood	Fine	Moderate	12:10	8	M	4	3																					NA	NA	NA	NA					
SR2	11/12/2018	Mid-Flood	Fine	Moderate	12:10	8	B	7	1	8.13		33.04		22.16		88.5		6.37			4.1			0.10			0.005			NA	NA	NA	NA					
SR2	11/12/2018	Mid-Flood	Fine	Moderate	12:10	8	B	7	2	8.13	8.13	33.08	33.06	22.16	22.16	88.8	88.7	6.40	6.39		4.0	4.1		0.10	0.10		0.005	0.005		NA	NA	NA	NA	NA				
SR2	11/12/2018	Mid-Flood	Fine	Moderate	12:10	8	B	7	3																					NA	NA	NA	NA					
SR3	11/12/2018	Mid-Flood	Fine	Moderate	11:56	7	S	1	1	8.08		33.27		22.25		89.5		6.42			4.4			0.08			0.003			NA	NA	NA	NA					
SR3	11/12/2018	Mid-Flood	Fine	Moderate	11:56	7	S	1	2	8.09	8.09	33.27	33.27	22.26	22.26	89.4	89.5	6.40	6.41		4.2	4.3		0.08	0.08		0.003	0.003		NA	NA	NA	NA	NA				
SR3	11/12/2018	Mid-Flood	Fine	Moderate	11:56	7	S	1	3											6.40										NA	NA	NA	NA					
SR3	11/12/2018	Mid-Flood	Fine	Moderate	11:56	7	M	3.5	1	8.11		33.36		22.33		89.0		6.40			5.8			0.08			0.004			NA	NA	NA	NA					
SR3	11/12/2018	Mid-Flood	Fine	Moderate	11:56	7	M	3.5	2	8.11	8.11	33.39	33.38	22.31	22.32	88.7	88.9	6.38	6.39		5.6	5.7	5.3	0.08	0.08	0.08	0.004	0.004	0.004	NA	NA	NA	NA	NA	NA			
SR3	11/12/2018	Mid-Flood	Fine	Moderate	11:56	7	M	3.5	3																					NA	NA	NA	NA					
SR3	11/12/2018	Mid-Flood	Fine	Moderate	11:56	7	B	6	1	8.12		33.42		22.4		87.8		6.29			5.9			0.09			0.004			NA	NA	NA	NA					
SR3	11/12/2018	Mid-Flood	Fine	Moderate	11:56	7	B	6	2	8.12	8.12	33.44	33.43	22.3	22.35	87.7	87.8	6.28	6.29		5.9	5.9		0.09	0.09		0.004	0.004		NA	NA	NA	NA	NA				
SR3	11/12/2018	Mid-Flood	Fine	Moderate	11:56	7	B	6	3																					NA	NA	NA	NA					
SR4	11/12/2018	Mid-Flood	Fine	Moderate	11:43	4	S	1	1	8.05		33.21		22.32		83.6		5.99			5.0			0.12			0.005			NA	NA	NA	NA					
SR4	11/12/2018	Mid-Flood	Fine	Moderate	11:43	4	S	1	2	8.05	8.05	33.20	33.21	22.31	22.32	83.5	83.6	5.99	5.99		5.0	5.0		0.12	0.12		0.005	0.005		NA	NA	NA	NA	NA				
SR4	11/12/2018	Mid-Flood	Fine	Moderate	11:43	4	S	1	3											5.99										NA	NA	NA	NA					
SR4	11/12/2018	Mid-Flood	Fine	Moderate	11:43	4	M		1																					NA	NA	NA	NA					
SR4	11/12/2018	Mid-Flood	Fine	Moderate	11:43	4	M		2		NA		NA		NA		NA		NA			NA	5.1		NA	0.13		NA	0.005	NA	NA	NA	NA	NA	NA			
SR4	11/12/2018	Mid-Flood	Fine	Moderate	11:43	4	M		3																					NA	NA	NA	NA					
SR4	11/12/2018	Mid-Flood	Fine	Moderate	11:43	4	B	3	1	8.09		33.24		22.33		83.0		5.93			5.3			0.14			0.006			NA	NA	NA	NA					
SR4	11/12/2018	Mid-Flood	Fine	Moderate	11:43	4	B	3	2	8.08	8.09	33.22	33.23	22.33	22.33	83.2	83.1	5.95	5.94		5.1	5.2		0.14	0.14		0.006	0.006		NA	NA	NA	NA	NA				
SR4	11/12/2018	Mid-Flood	Fine	Moderate	11:43	4	B	3	3																					NA	NA	NA	NA					

Impact Monitoring Data

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																								TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)												
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.										
SR5	11/12/2018	Mid-Flood	Fine	Moderate	12:19	11	S	1	1	8.08		32.81		21.98		89.5		6.47			3.5			NA			NA			0.08	0.17	0.03	0.28						
SR5	11/12/2018	Mid-Flood	Fine	Moderate	12:19	11	S	1	2	8.08	8.08	32.84	32.83	21.98	21.98	89.4	89.5	6.46	6.47		3.2	3.4		NA	NA		NA	NA		0.08	0.18	0.03	0.29	0.29				
SR5	11/12/2018	Mid-Flood	Fine	Moderate	12:19	11	S	1	3											6.43										0.09	0.18	0.03	0.30					
SR5	11/12/2018	Mid-Flood	Fine	Moderate	12:19	11	M	5.5	1	8.11		33.00		22.05		88.6		6.39			3.7			NA			NA			0.10	0.18	0.03	0.31					
SR5	11/12/2018	Mid-Flood	Fine	Moderate	12:19	11	M	5.5	2	8.12	8.12	33.01	33.01	22.06	22.06	88.7	88.7	6.40	6.40		3.6	3.7	3.5	NA	NA	NA	NA	NA	NA	0.10	0.18	0.04	0.32	0.32	0.32			
SR5	11/12/2018	Mid-Flood	Fine	Moderate	12:19	11	M	5.5	3																					0.11	0.18	0.04	0.33					
SR5	11/12/2018	Mid-Flood	Fine	Moderate	12:19	11	B	10	1	8.12		33.11		22.10		88.2		6.36			3.4			NA			NA			0.12	0.19	0.05	0.36					
SR5	11/12/2018	Mid-Flood	Fine	Moderate	12:19	11	B	10	2	8.12	8.12	33.12	33.12	22.08	22.09	88.2	88.2	6.36	6.36		3.5	3.5		NA	NA		NA	NA		0.11	0.18	0.05	0.34	0.34				
SR5	11/12/2018	Mid-Flood	Fine	Moderate	12:19	11	B	10	3																					0.11	0.18	0.04	0.33					
SR12	11/12/2018	Mid-Flood	Fine	Moderate	11:32	15	S	1	1	8.06		33.16		22.40		81.9		5.86			4.0			0.14			0.006			NA	NA	NA	NA					
SR12	11/12/2018	Mid-Flood	Fine	Moderate	11:32	15	S	1	2	8.06	8.06	33.16	33.16	22.39	22.40	81.8	81.9	5.85	5.86		4.1	4.1		0.14	0.14		0.006	0.006		NA	NA	NA	NA	NA				
SR12	11/12/2018	Mid-Flood	Fine	Moderate	11:32	15	S	1	3											5.83										NA	NA	NA	NA					
SR12	11/12/2018	Mid-Flood	Fine	Moderate	11:32	15	M	7.5	1	8.07		33.36		22.45		81.2		5.81			4.4			0.15			0.006			NA	NA	NA	NA					
SR12	11/12/2018	Mid-Flood	Fine	Moderate	11:32	15	M	7.5	2	8.07	8.07	33.40	33.38	22.47	22.46	81.0	81.1	5.80	5.81		4.2	4.3	4.4	0.15	0.15	0.15	0.006	0.006	0.006	NA	NA	NA	NA	NA	NA			
SR12	11/12/2018	Mid-Flood	Fine	Moderate	11:32	15	M	7.5	3																					NA	NA	NA	NA					
SR12	11/12/2018	Mid-Flood	Fine	Moderate	11:32	15	B	14	1	8.09		33.40		22.55		81.0		5.81			4.7			0.15			0.007			NA	NA	NA	NA					
SR12	11/12/2018	Mid-Flood	Fine	Moderate	11:32	15	B	14	2	8.08	8.09	33.50	33.45	22.56	22.56	81.0	81.0	5.81	5.81		4.8	4.8		0.17	0.16		0.007	0.007		NA	NA	NA	NA	NA				
SR12	11/12/2018	Mid-Flood	Fine	Moderate	11:32	15	B	14	3																					NA	NA	NA	NA					
SR13	11/12/2018	Mid-Flood	Fine	Moderate	11:18	14	S	1	1	8.06		33.19		22.36		82.2		5.89			3.1			NA			NA			NA	NA	NA	NA					
SR13	11/12/2018	Mid-Flood	Fine	Moderate	11:18	14	S	1	2	8.06	8.06	33.16	33.18	22.37	22.37	82.0	82.1	5.87	5.88		3.1	3.1		NA	NA		NA	NA		NA	NA	NA	NA	NA				
SR13	11/12/2018	Mid-Flood	Fine	Moderate	11:18	14	S	1	3											5.85										NA	NA	NA	NA					
SR13	11/12/2018	Mid-Flood	Fine	Moderate	11:18	14	M	7	1	8.06		33.20		22.40		81.3		5.82			3.7			NA			NA			NA	NA	NA	NA					
SR13	11/12/2018	Mid-Flood	Fine	Moderate	11:18	14	M	7	2	8.05	8.06	33.21	33.21	22.41	22.41	81.4	81.4	5.83	5.83		3.7	3.7	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
SR13	11/12/2018	Mid-Flood	Fine	Moderate	11:18	14	M	7	3																					NA	NA	NA	NA					
SR13	11/12/2018	Mid-Flood	Fine	Moderate	11:18	14	B	13	1	8.08		33.34		22.45		80.8		5.78			4.9			NA			NA			NA	NA	NA	NA					
SR13	11/12/2018	Mid-Flood	Fine	Moderate	11:18	14	B	13	2	8.09	8.09	33.34	33.34	22.44	22.45	80.7	80.8	5.77	5.78		4.8	4.9		NA	NA		NA	NA		NA	NA	NA	NA	NA				
SR13	11/12/2018	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
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	11/12/2018	Mid-Flood	Fine	Moderate	12:30	28	S	1	1	6			0.08			0.003			0.08	0.14	0.04	0.26			33			NA			2		
C1A	11/12/2018	Mid-Flood	Fine	Moderate	12:30	28	S	1	2	6	6		0.07	0.08		0.003	0.003		0.07	0.14	0.04	0.25	0.26		19	25		NA	NA		2	2	
C1A	11/12/2018	Mid-Flood	Fine	Moderate	12:30	28	S	1	3										0.08	0.14	0.04	0.26											
C1A	11/12/2018	Mid-Flood	Fine	Moderate	12:30	28	M	14	1	7			0.07			0.003			0.07	0.14	0.04	0.25			21			NA			2		
C1A	11/12/2018	Mid-Flood	Fine	Moderate	12:30	28	M	14	2	7	7	7	0.08	0.08	0.07	0.004	0.003	0.003	0.08	0.15	0.04	0.27	0.26	0.26	30	25	24	NA	NA	NA	2	2	2
C1A	11/12/2018	Mid-Flood	Fine	Moderate	12:30	28	M	14	3										0.08	0.14	0.04	0.26											
C1A	11/12/2018	Mid-Flood	Fine	Moderate	12:30	28	B	27	1	8			0.07			0.003			0.07	0.16	0.02	0.25			23			NA			1		
C1A	11/12/2018	Mid-Flood	Fine	Moderate	12:30	28	B	27	2	8	8		0.07	0.07		0.003	0.003		0.07	0.15	0.03	0.25	0.25		21	22		NA	NA		2	2	
C1A	11/12/2018	Mid-Flood	Fine	Moderate	12:30	28	B	27	3										0.08	0.14	0.04	0.26											
C2A	11/12/2018	Mid-Flood	Fine	Moderate	11:06	13	S	1	1	4			0.23			0.009			0.23	0.08	0.02	0.33			59			NA			1		
C2A	11/12/2018	Mid-Flood	Fine	Moderate	11:06	13	S	1	2	4	4		0.23	0.23		0.009	0.009		0.23	0.08	0.02	0.33	0.35		70	64		NA	NA		1	1	
C2A	11/12/2018	Mid-Flood	Fine	Moderate	11:06	13	S	1	3										0.26	0.10	0.02	0.38											
C2A	11/12/2018	Mid-Flood	Fine	Moderate	11:06	13	M	6.5	1	4			0.23			0.009			0.23	0.10	0.02	0.35			140			NA			1		
C2A	11/12/2018	Mid-Flood	Fine	Moderate	11:06	13	M	6.5	2	4	4	4	0.23	0.23	0.23	0.009	0.009	0.009	0.23	0.10	0.02	0.35	0.35	0.35	200	167	192	NA	NA	NA	1	1	1
C2A	11/12/2018	Mid-Flood	Fine	Moderate	11:06	13	M	6.5	3										0.23	0.10	0.01	0.34											
C2A	11/12/2018	Mid-Flood	Fine	Moderate	11:06	13	B	12	1	4			0.23			0.009			0.23	0.08	0.02	0.33			500			NA			1		
C2A	11/12/2018	Mid-Flood	Fine	Moderate	11:06	13	B	12	2	5	4		0.24	0.24		0.010	0.010		0.24	0.10	0.02	0.36	0.35		880	663		NA	NA		1	1	
C2A	11/12/2018	Mid-Flood	Fine	Moderate	11:06	13	B	12	3										0.24	0.09	0.02	0.35											
G2	11/12/2018	Mid-Flood	Fine	Moderate	12:03	12	S	1	1	3			NA			NA			0.07	0.14	0.04	0.25			NA			NA			NA		
G2	11/12/2018	Mid-Flood	Fine	Moderate	12:03	12	S	1	2	3	3		NA	NA		NA	NA		0.07	0.14	0.04	0.25	0.25		NA	NA		NA	NA		NA	NA	
G2	11/12/2018	Mid-Flood	Fine	Moderate	12:03	12	S	1	3										0.07	0.14	0.04	0.25											
G2	11/12/2018	Mid-Flood	Fine	Moderate	12:03	12	M	6	1	4			NA			NA			0.07	0.14	0.04	0.25			NA			NA			NA		
G2	11/12/2018	Mid-Flood	Fine	Moderate	12:03	12	M	6	2	4	4	4	NA	NA	NA	NA	NA	NA	0.07	0.14	0.04	0.25	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	11/12/2018	Mid-Flood	Fine	Moderate	12:03	12	M	6	3										0.08	0.14	0.04	0.26											
G2	11/12/2018	Mid-Flood	Fine	Moderate	12:03	12	B	11	1	6			NA			NA			0.07	0.14	0.04	0.25			NA			NA			NA		
G2	11/12/2018	Mid-Flood	Fine	Moderate	12:03	12	B	11	2	6	6		NA	NA		NA	NA		0.07	0.14	0.04	0.25	0.25		NA	NA		NA	NA		NA	NA	
G2	11/12/2018	Mid-Flood	Fine	Moderate	12:03	12	B	11	3										0.06	0.14	0.04	0.24											
SR2	11/12/2018	Mid-Flood	Fine	Moderate	12:10	8	S	1	1	5			0.07			0.003			NA	NA	NA	NA			NA			NA			NA		
SR2	11/12/2018	Mid-Flood	Fine	Moderate	12:10	8	S	1	2	4	4		0.09	0.08		0.004	0.004		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	11/12/2018	Mid-Flood	Fine	Moderate	12:10	8	S	1	3										NA	NA	NA	NA											
SR2	11/12/2018	Mid-Flood	Fine	Moderate	12:10	8	M	4	1	5			0.08			0.004			NA	NA	NA	NA			NA			NA			NA		
SR2	11/12/2018	Mid-Flood	Fine	Moderate	12:10	8	M	4	2	5	5	5	0.07	0.08	0.08	0.003	0.003	0.003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	11/12/2018	Mid-Flood	Fine	Moderate	12:10	8	M	4	3										NA	NA	NA	NA											
SR2	11/12/2018	Mid-Flood	Fine	Moderate	12:10	8	B	7	1	6			0.07			0.003			NA	NA	NA	NA			NA			NA			NA		
SR2	11/12/2018	Mid-Flood	Fine	Moderate	12:10	8	B	7	2	6	6		0.07	0.07		0.003	0.003		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	11/12/2018	Mid-Flood	Fine	Moderate	12:10	8	B	7	3										NA	NA	NA	NA											
SR3	11/12/2018	Mid-Flood	Fine	Moderate	11:56	7	S	1	1	5			0.08			0.003			NA	NA	NA	NA			NA			NA			NA		
SR3	11/12/2018	Mid-Flood	Fine	Moderate	11:56	7	S	1	2	5	5		0.07	0.08		0.003	0.003		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	11/12/2018	Mid-Flood	Fine	Moderate	11:56	7	S	1	3										NA	NA	NA	NA											
SR3	11/12/2018	Mid-Flood	Fine	Moderate	11:56	7	M	3.5	1	5			0.08			0.004			NA	NA	NA	NA			NA			NA			NA		
SR3	11/12/2018	Mid-Flood	Fine	Moderate	11:56	7	M	3.5	2	6	6	6	0.08	0.08	0.08	0.004	0.004	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	11/12/2018	Mid-Flood	Fine	Moderate	11:56	7	M	3.5	3										NA	NA	NA	NA											
SR3	11/12/2018	Mid-Flood	Fine	Moderate	11:56	7	B	6	1	7			0.08			0.004			NA	NA	NA	NA			NA			NA			NA		
SR3	11/12/2018	Mid-Flood	Fine	Moderate	11:56	7	B	6	2	7	7		0.08	0.08		0.004	0.004		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	11/12/2018	Mid-Flood	Fine	Moderate	11:56	7	B	6	3										NA	NA	NA	NA											
SR4	11/12/2018	Mid-Flood	Fine	Moderate	11:43	4	S	1	1	7			0.11			0.004			NA	NA	NA	NA			720			NA			<1		
SR4	11/12/2018	Mid-Flood	Fine	Moderate	11:43	4	S	1	2	6	6		0.12	0.12		0.005	0.005		NA	NA	NA	NA	NA		470	582		NA	NA		<1	1	
SR4	11/12/2018	Mid-Flood	Fine	Moderate	11:43	4	S	1	3										NA	NA	NA	NA											
SR4	11/12/2018	Mid-Flood	Fine	Moderate	11:43	4	M		1										NA	NA	NA	NA						NA					
SR4	11/12/2018	Mid-Flood	Fine	Moderate	11:43	4	M		2		NA	8		NA	0.11		NA	0.005	NA	NA	NA	NA	NA	NA		NA	412	NA	NA	NA		NA	1
SR4	11/12/2018	Mid-Flood	Fine	Moderate	11:43	4	M		3										NA	NA	NA	NA											
SR4	11/12/2018	Mid-Flood	Fine	Moderate	11:43	4	B	3	1	9			0.11			0.005			NA	NA	NA	NA			370			NA			<1		
SR4	11/12/2018	Mid-Flood	Fine	Moderate	11:43	4	B	3	2	9	9		0.11	0.11		0.005	0.005		NA	NA	NA	NA	NA		230	292		NA	NA		<1	1	
SR4	11/12/2018	Mid-Flood	Fine	Moderate	11:43	4	B	3	3										NA	NA	NA	NA											

Impact Monitoring Data

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.
SR5	11/12/2018	Mid-Flood	Fine	Moderate	12:19	11	S	1	1	5			NA			NA			0.07	0.18	0.04	0.29			NA			NA			NA		
SR5	11/12/2018	Mid-Flood	Fine	Moderate	12:19	11	S	1	2	5	5		NA	NA		NA	NA		0.08	0.17	0.04	0.29	0.29		NA	NA		NA	NA		NA	NA	
SR5	11/12/2018	Mid-Flood	Fine	Moderate	12:19	11	S	1	3										0.08	0.18	0.04	0.30											
SR5	11/12/2018	Mid-Flood	Fine	Moderate	12:19	11	M	5.5	1	6			NA			NA			0.08	0.19	0.04	0.31			NA			NA			NA		
SR5	11/12/2018	Mid-Flood	Fine	Moderate	12:19	11	M	5.5	2	6	6	6	NA	NA	NA	NA	NA	NA	0.08	0.19	0.04	0.31	0.31	0.30	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	11/12/2018	Mid-Flood	Fine	Moderate	12:19	11	M	5.5	3										0.08	0.19	0.04	0.31											
SR5	11/12/2018	Mid-Flood	Fine	Moderate	12:19	11	B	10	1	7			NA			NA			0.09	0.19	0.04	0.32			NA			NA			NA		
SR5	11/12/2018	Mid-Flood	Fine	Moderate	12:19	11	B	10	2	7	7		NA	NA		NA	NA		0.07	0.18	0.04	0.29	0.31		NA	NA		NA	NA		NA	NA	
SR5	11/12/2018	Mid-Flood	Fine	Moderate	12:19	11	B	10	3										0.08	0.19	0.04	0.31											
SR12	11/12/2018	Mid-Flood	Fine	Moderate	11:32	15	S	1	1	8			0.13			0.005			NA	NA	NA	NA			100			NA			1		
SR12	11/12/2018	Mid-Flood	Fine	Moderate	11:32	15	S	1	2	9	9		0.13	0.13		0.005	0.005		NA	NA	NA	NA	NA		250	158		NA	NA		1	1	
SR12	11/12/2018	Mid-Flood	Fine	Moderate	11:32	15	S	1	3										NA	NA	NA	NA											
SR12	11/12/2018	Mid-Flood	Fine	Moderate	11:32	15	M	7.5	1	9			0.13			0.005			NA	NA	NA	NA			140			NA			1		
SR12	11/12/2018	Mid-Flood	Fine	Moderate	11:32	15	M	7.5	2	9	9	9	0.14	0.14	0.13	0.006	0.006	0.006	NA	NA	NA	NA	NA	NA	230	179	114	NA	NA	NA	<1	1	1
SR12	11/12/2018	Mid-Flood	Fine	Moderate	11:32	15	M	7.5	3										NA	NA	NA	NA											
SR12	11/12/2018	Mid-Flood	Fine	Moderate	11:32	15	B	14	1	11			0.13			0.006			NA	NA	NA	NA			39			NA			<1		
SR12	11/12/2018	Mid-Flood	Fine	Moderate	11:32	15	B	14	2	10	11		0.13	0.13		0.006	0.006		NA	NA	NA	NA	NA		71	53		NA	NA		<1	1	
SR12	11/12/2018	Mid-Flood	Fine	Moderate	11:32	15	B	14	3										NA	NA	NA	NA											
SR13	11/12/2018	Mid-Flood	Fine	Moderate	11:18	14	S	1	1	4			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	11/12/2018	Mid-Flood	Fine	Moderate	11:18	14	S	1	2	4	4		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	11/12/2018	Mid-Flood	Fine	Moderate	11:18	14	S	1	3										NA	NA	NA	NA											
SR13	11/12/2018	Mid-Flood	Fine	Moderate	11:18	14	M	7	1	4			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	11/12/2018	Mid-Flood	Fine	Moderate	11:18	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	11/12/2018	Mid-Flood	Fine	Moderate	11:18	14	M	7	3										NA	NA	NA	NA											
SR13	11/12/2018	Mid-Flood	Fine	Moderate	11:18	14	B	13	1	5			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	11/12/2018	Mid-Flood	Fine	Moderate	11:18	14	B	13	2	5	5		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	11/12/2018	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
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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
C1A	11/12/2018	Mid-Ebb	Fine	Moderate	13:40	28	S	1	1	8.09		32.97		22.10		89.0		6.41			6.0			0.08			0.003			0.08	0.15	0.03	0.26		
C1A	11/12/2018	Mid-Ebb	Fine	Moderate	13:40	28	S	1	2	8.10	8.10	32.98	32.98	22.11	22.11	89.0	89.0	6.41	6.41		6.3	6.2		0.08	0.08		0.003	0.003		0.08	0.16	0.03	0.27	0.27	
C1A	11/12/2018	Mid-Ebb	Fine	Moderate	13:40	28	S	1	3																					0.08	0.15	0.04	0.27		
C1A	11/12/2018	Mid-Ebb	Fine	Moderate	13:40	28	M	14	1	8.12		33.30		22.19		88.4		6.36			7.3			0.09			0.004			0.09	0.17	0.04	0.30		
C1A	11/12/2018	Mid-Ebb	Fine	Moderate	13:40	28	M	14	2	8.12	8.12	33.28	33.29	22.23	22.21	88.4	88.4	6.38	6.37	6.39	7.2	7.3	7.1	0.09	0.09	0.09	0.004	0.004	0.004	0.09	0.17	0.04	0.30	0.30	0.29
C1A	11/12/2018	Mid-Ebb	Fine	Moderate	13:40	28	M	14	3																					0.08	0.17	0.04	0.29		
C1A	11/12/2018	Mid-Ebb	Fine	Moderate	13:40	28	B	27	1	8.14		33.35		22.35		87.9		6.33			7.9			0.09			0.004			0.09	0.16	0.04	0.29		
C1A	11/12/2018	Mid-Ebb	Fine	Moderate	13:40	28	B	27	2	8.14	8.14	33.35	33.35	22.35	22.35	87.5	87.7	6.30	6.32		7.6	7.8		0.10	0.10		0.005	0.005		0.10	0.17	0.04	0.31	0.30	
C1A	11/12/2018	Mid-Ebb	Fine	Moderate	13:40	28	B	27	3																					0.10	0.16	0.05	0.31		
C2A	11/12/2018	Mid-Ebb	Fine	Moderate	14:41	13	S	1	1	8.04		33.33		22.27		82.9		5.94			2.6			0.24			0.009			0.24	0.10	0.02	0.36		
C2A	11/12/2018	Mid-Ebb	Fine	Moderate	14:41	13	S	1	2	8.02	8.03	33.30	33.32	22.27	22.27	82.8	82.9	5.92	5.93		2.4	2.5		0.25	0.25		0.010	0.009		0.25	0.10	0.02	0.37	0.35	
C2A	11/12/2018	Mid-Ebb	Fine	Moderate	14:41	13	S	1	3																					0.22	0.09	0.02	0.33		
C2A	11/12/2018	Mid-Ebb	Fine	Moderate	14:41	13	M	6.5	1	8.06		33.40		22.30		83.5		5.96			3.6			0.23			0.009			0.23	0.11	0.02	0.36		
C2A	11/12/2018	Mid-Ebb	Fine	Moderate	14:41	13	M	6.5	2	8.05	8.06	33.38	33.39	22.29	22.30	83.3	83.4	5.95	5.96	5.94	3.5	3.6	3.9	0.23	0.23	0.24	0.009	0.009	0.010	0.23	0.10	0.03	0.36	0.37	0.37
C2A	11/12/2018	Mid-Ebb	Fine	Moderate	14:41	13	M	6.5	3																					0.24	0.11	0.03	0.38		
C2A	11/12/2018	Mid-Ebb	Fine	Moderate	14:41	13	B	12	1	8.07		33.49		22.35		83.0		5.94			5.7			0.25			0.010			0.25	0.11	0.03	0.39		
C2A	11/12/2018	Mid-Ebb	Fine	Moderate	14:41	13	B	12	2	8.07	8.07	33.49	33.49	22.36	22.36	82.9	83.0	5.93	5.94		5.7	5.7		0.26	0.26		0.011	0.011		0.26	0.11	0.04	0.41	0.40	
C2A	11/12/2018	Mid-Ebb	Fine	Moderate	14:41	13	B	12	3																					0.26	0.10	0.04	0.40		
G2	11/12/2018	Mid-Ebb	Fine	Moderate	14:01	12	S	1	1	8.09		32.93		22.07		90.1		6.49			2.8			NA			NA			0.07	0.14	0.03	0.24		
G2	11/12/2018	Mid-Ebb	Fine	Moderate	14:01	12	S	1	2	8.09	8.09	32.94	32.94	22.07	22.07	90.0	90.1	6.48	6.49		2.6	2.7		NA	NA		NA	NA		0.07	0.13	0.04	0.24	0.24	
G2	11/12/2018	Mid-Ebb	Fine	Moderate	14:01	12	S	1	3																					0.08	0.14	0.03	0.25		
G2	11/12/2018	Mid-Ebb	Fine	Moderate	14:01	12	M	6	1	8.11		33.06		22.14		89.3		6.44			3.3			NA			NA			0.09	0.15	0.04	0.28		
G2	11/12/2018	Mid-Ebb	Fine	Moderate	14:01	12	M	6	2	8.10	8.11	33.05	33.06	22.02	22.08	89.2	89.3	6.42	6.43	6.46	3.0	3.2	3.1	NA	NA	NA	NA	NA	NA	0.09	0.14	0.04	0.27	0.28	0.27
G2	11/12/2018	Mid-Ebb	Fine	Moderate	14:01	12	M	6	3																					0.09	0.15	0.05	0.29		
G2	11/12/2018	Mid-Ebb	Fine	Moderate	14:01	12	B	11	1	8.13		33.21		22.22		89.0		6.40			3.4			NA			NA			0.10	0.15	0.05	0.30		
G2	11/12/2018	Mid-Ebb	Fine	Moderate	14:01	12	B	11	2	8.13	8.13	33.19	33.20	22.24	22.23	89.1	89.1	6.42	6.41		3.5	3.5		NA	NA		NA	NA		0.11	0.15	0.06	0.32	0.30	
G2	11/12/2018	Mid-Ebb	Fine	Moderate	14:01	12	B	11	3																					0.09	0.15	0.05	0.29		
SR2	11/12/2018	Mid-Ebb	Fine	Moderate	13:55	8	S	1	1	8.11		32.95		22.08		89.2		6.42			1.2			0.07			0.003			NA	NA	NA	NA		
SR2	11/12/2018	Mid-Ebb	Fine	Moderate	13:55	8	S	1	2	8.11	8.11	32.96	32.96	22.08	22.08	89.0	89.1	6.40	6.41		1.3	1.3		0.07	0.07		0.003	0.003		NA	NA	NA	NA	NA	
SR2	11/12/2018	Mid-Ebb	Fine	Moderate	13:55	8	S	1	3																					NA	NA	NA	NA		
SR2	11/12/2018	Mid-Ebb	Fine	Moderate	13:55	8	M	4	1	8.12		33.02		22.12		88.8		6.39			3.5			0.08			0.004			NA	NA	NA	NA		
SR2	11/12/2018	Mid-Ebb	Fine	Moderate	13:55	8	M	4	2	8.13	8.13	33.04	33.03	22.13	22.13	88.7	88.8	6.39	6.39	6.40	3.3	3.4	2.8	0.08	0.08	0.08	0.004	0.004	0.003	NA	NA	NA	NA	NA	NA
SR2	11/12/2018	Mid-Ebb	Fine	Moderate	13:55	8	M	4	3																					NA	NA	NA	NA		
SR2	11/12/2018	Mid-Ebb	Fine	Moderate	13:55	8	B	7	1	8.13		33.05		22.16		88.4		6.37			3.8			0.08			0.004			NA	NA	NA	NA		
SR2	11/12/2018	Mid-Ebb	Fine	Moderate	13:55	8	B	7	2	8.14	8.14	33.07	33.06	22.15	22.16	88.1	88.3	6.36	6.37		3.9	3.9		0.07	0.08		0.003	0.004		NA	NA	NA	NA	NA	
SR2	11/12/2018	Mid-Ebb	Fine	Moderate	13:55	8	B	7	3																					NA	NA	NA	NA		
SR3	11/12/2018	Mid-Ebb	Fine	Moderate	14:06	7	S	1	1	8.09		33.26		22.26		89.3		6.41			4.3			0.08			0.004			NA	NA	NA	NA		
SR3	11/12/2018	Mid-Ebb	Fine	Moderate	14:06	7	S	1	2	8.10	8.10	33.27	33.27	22.26	22.26	89.3	89.3	6.42	6.42		4.3	4.3		0.09	0.09		0.004	0.004		NA	NA	NA	NA	NA	
SR3	11/12/2018	Mid-Ebb	Fine	Moderate	14:06	7	S	1	3																					NA	NA	NA	NA		
SR3	11/12/2018	Mid-Ebb	Fine	Moderate	14:06	7	M	3.5	1	8.10		33.37		22.30		88.7		6.37			6.0			0.10			0.004			NA	NA	NA	NA		
SR3	11/12/2018	Mid-Ebb	Fine	Moderate	14:06	7	M	3.5	2	8.11	8.11	33.34	33.36	22.31	22.31	88.5	88.6	6.35	6.36	6.39	6.1	6.1	5.2	0.10	0.10	0.10	0.004	0.004	0.004	NA	NA	NA	NA	NA	NA
SR3	11/12/2018	Mid-Ebb	Fine	Moderate	14:06	7	M	3.5	3																					NA	NA	NA	NA		
SR3	11/12/2018	Mid-Ebb	Fine	Moderate	14:06	7	B	6	1	8.13		33.41		22.35		88.3		6.33			5.5			0.11			0.005			NA	NA	NA	NA		
SR3	11/12/2018	Mid-Ebb	Fine	Moderate	14:06	7	B	6	2	8.13	8.13	33.40	33.41	22.37	22.36	88.5	88.4	6.34	6.34		5.2	5.4		0.11	0.11		0.005	0.005		NA	NA	NA	NA	NA	
SR3	11/12/2018	Mid-Ebb	Fine	Moderate	14:06	7	B	6	3																					NA	NA	NA	NA		
SR4	11/12/2018	Mid-Ebb	Fine	Moderate	14:13	4	S	1	1	8.06		33.20		22.35		84.0		6.01			5.4			0.12			0.005			NA	NA	NA	NA		
SR4	11/12/2018	Mid-Ebb	Fine	Moderate	14:13	4	S	1	2	8.06	8.06	33.21	33.21	22.36	22.36	84.1	84.1	6.01	6.01		5.4	5.4		0.12	0.12		0.005	0.005		NA	NA	NA	NA	NA	
SR4	11/12/2018	Mid-Ebb	Fine	Moderate	14:13	4	S	1	3																					NA	NA	NA	NA		
SR4	11/12/2018	Mid-Ebb	Fine	Moderate	14:13	4	M		1																					NA	NA	NA	NA		
SR4	11/12/2018	Mid-Ebb	Fine	Moderate	14:13	4	M		2		NA		NA		NA		NA		NA	6.01		NA	5.4		NA	0.13		NA	0.005	NA	NA	NA	NA	NA	NA
SR4	11/12/2018	Mid-Ebb	Fine	Moderate	14:13	4	M		3																					NA	NA	NA	NA		
SR4	11/12/2018	Mid-Ebb	Fine	Moderate	14:13	4	B	3	1	8.09		33.23		22.37		83.0		5.95			5.4			0.13			0.006			NA	NA	NA	NA		
SR4	11/12/2018	Mid-Ebb	Fine	Moderate	14:13	4	B	3	2	8.09	8.09	33.23	33.23	22.36	22.37	82.8	82.9	5.94	5.95		5.2	5.3		0.13	0.13		0.006	0.006		NA	NA	NA	NA	NA	
SR4	11/12/2018	Mid-Ebb	Fine	Moderate	14:13	4	B	3	3																					NA	NA	NA	NA		

Impact Monitoring Data

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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR5	11/12/2018	Mid-Ebb	Fine	Moderate	13:48	11	S	1	1	8.10		32.82		22.03		90.2		6.52			3.8			NA			NA			0.07	0.20	0.04	0.31		
SR5	11/12/2018	Mid-Ebb	Fine	Moderate	13:48	11	S	1	2	8.10	8.10	32.82	32.82	22.00	22.02	90.0	90.1	6.50	6.51		3.5	3.7		NA	NA		NA	NA		0.07	0.20	0.04	0.31	0.32	
SR5	11/12/2018	Mid-Ebb	Fine	Moderate	13:48	11	S	1	3											6.45										0.08	0.21	0.04	0.33		
SR5	11/12/2018	Mid-Ebb	Fine	Moderate	13:48	11	M	5.5	1	8.11		32.99		22.06		88.6		6.39			3.7			NA			NA			0.08	0.22	0.05	0.35		
SR5	11/12/2018	Mid-Ebb	Fine	Moderate	13:48	11	M	5.5	2	8.11	8.11	32.98	32.99	22.05	22.06	88.7	88.7	6.40	6.40		3.6	3.7	3.6	NA	NA	NA	NA	NA	NA	0.09	0.21	0.05	0.35	0.35	0.34
SR5	11/12/2018	Mid-Ebb	Fine	Moderate	13:48	11	M	5.5	3																					0.09	0.21	0.05	0.35		
SR5	11/12/2018	Mid-Ebb	Fine	Moderate	13:48	11	B	10	1	8.13		33.10		22.12		88.4		6.37			3.5			NA			NA			0.10	0.22	0.05	0.37		
SR5	11/12/2018	Mid-Ebb	Fine	Moderate	13:48	11	B	10	2	8.12	8.13	33.08	33.09	22.11	22.12	88.2	88.3	6.35	6.36		3.4	3.5		NA	NA		NA	NA		0.10	0.22	0.06	0.38	0.37	
SR5	11/12/2018	Mid-Ebb	Fine	Moderate	13:48	11	B	10	3																					0.09	0.22	0.05	0.36		
SR12	11/12/2018	Mid-Ebb	Fine	Moderate	14:22	15	S	1	1	0.07		33.17		22.38		82.3		5.90			3.6			0.13			0.000			NA	NA	NA	NA		
SR12	11/12/2018	Mid-Ebb	Fine	Moderate	14:22	15	S	1	2	8.06	4.07	33.16	33.17	22.38	22.38	82.3	82.3	5.90	5.90		3.5	3.6		0.13	0.13		0.000	0.000		NA	NA	NA	NA	NA	
SR12	11/12/2018	Mid-Ebb	Fine	Moderate	14:22	15	S	1	3											5.86										NA	NA	NA	NA		
SR12	11/12/2018	Mid-Ebb	Fine	Moderate	14:22	15	M	7.5	1	8.08		33.34		22.44		81.3		5.82			4.2			0.14			0.006			NA	NA	NA	NA		
SR12	11/12/2018	Mid-Ebb	Fine	Moderate	14:22	15	M	7.5	2	8.08	8.08	33.37	33.36	22.45	22.45	81.0	81.2	5.80	5.81		4.0	4.1	4.1	0.14	0.14	0.14	0.006	0.006	0.004	NA	NA	NA	NA	NA	NA
SR12	11/12/2018	Mid-Ebb	Fine	Moderate	14:22	15	M	7.5	3																					NA	NA	NA	NA		
SR12	11/12/2018	Mid-Ebb	Fine	Moderate	14:22	15	B	14	1	8.08		33.47		22.51		80.9		5.78			4.6			0.13			0.006			NA	NA	NA	NA		
SR12	11/12/2018	Mid-Ebb	Fine	Moderate	14:22	15	B	14	2	8.08	8.08	33.46	33.47	22.51	22.51	80.8	80.9	5.78	5.78		4.5	4.6		0.15	0.14		0.006	0.006		NA	NA	NA	NA	NA	
SR12	11/12/2018	Mid-Ebb	Fine	Moderate	14:22	15	B	14	3																					NA	NA	NA	NA		
SR13	11/12/2018	Mid-Ebb	Fine	Moderate	14:30	14	S	1	1	8.05		33.16		22.38		82.4		5.90			3.0			NA			NA			NA	NA	NA	NA		
SR13	11/12/2018	Mid-Ebb	Fine	Moderate	14:30	14	S	1	2	8.05	8.05	33.20	33.18	22.41	22.40	82.5	82.5	5.92	5.91		3.3	3.2		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	11/12/2018	Mid-Ebb	Fine	Moderate	14:30	14	S	1	3											5.86										NA	NA	NA	NA		
SR13	11/12/2018	Mid-Ebb	Fine	Moderate	14:30	14	M	7	1	8.07		33.23		22.42		81.2		5.81			4.1			NA			NA			NA	NA	NA	NA		
SR13	11/12/2018	Mid-Ebb	Fine	Moderate	14:30	14	M	7	2	8.07	8.07	33.30	33.27	22.40	22.41	81.0	81.1	5.79	5.80		4.1	4.1	4.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	11/12/2018	Mid-Ebb	Fine	Moderate	14:30	14	M	7	3																					NA	NA	NA	NA		
SR13	11/12/2018	Mid-Ebb	Fine	Moderate	14:30	14	B	13	1	8.07		33.33		22.48		80.7		5.78			5.2			NA			NA			NA	NA	NA	NA		
SR13	11/12/2018	Mid-Ebb	Fine	Moderate	14:30	14	B	13	2	8.06	8.07	33.35	33.34	22.51	22.50	80.5	80.6	5.76	5.77		5.0	5.1		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	11/12/2018	Mid-Ebb	Fine	Moderate	14:30	14	B	13	3																					NA	NA	NA	NA		

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

Impact Monitoring Data

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	11/12/2018	Mid-Ebb	Fine	Moderate	13:40	28	S	1	1	7			0.07			0.003			0.07	0.14	0.04	0.25			31			NA			3		
C1A	11/12/2018	Mid-Ebb	Fine	Moderate	13:40	28	S	1	2	6	6		0.07	0.07		0.003	0.003		0.07	0.15	0.03	0.25	0.25		37	34		NA	NA		1	2	
C1A	11/12/2018	Mid-Ebb	Fine	Moderate	13:40	28	S	1	3										0.08	0.14	0.04	0.26											
C1A	11/12/2018	Mid-Ebb	Fine	Moderate	13:40	28	M	14	1	7			0.07			0.003			0.07	0.14	0.04	0.25			28			NA			2		
C1A	11/12/2018	Mid-Ebb	Fine	Moderate	13:40	28	M	14	2	7	7	7	0.07	0.07	0.07	0.003	0.003	0.003	0.07	0.15	0.03	0.25	0.25	0.25	30	29	32	NA	NA	NA	2	2	2
C1A	11/12/2018	Mid-Ebb	Fine	Moderate	13:40	28	M	14	3										0.07	0.14	0.04	0.25											
C1A	11/12/2018	Mid-Ebb	Fine	Moderate	13:40	28	B	27	1	8			0.07			0.003			0.07	0.14	0.03	0.24			40			NA			2		
C1A	11/12/2018	Mid-Ebb	Fine	Moderate	13:40	28	B	27	2	7	7		0.07	0.07		0.003	0.003		0.07	0.13	0.04	0.24	0.24		28	33		NA	NA		<1	2	
C1A	11/12/2018	Mid-Ebb	Fine	Moderate	13:40	28	B	27	3										0.07	0.14	0.04	0.25											
C2A	11/12/2018	Mid-Ebb	Fine	Moderate	14:41	13	S	1	1	4			0.26			0.010			0.26	0.09	0.02	0.37			37			NA			1		
C2A	11/12/2018	Mid-Ebb	Fine	Moderate	14:41	13	S	1	2	4	4		0.21	0.24		0.008	0.009		0.21	0.09	0.01	0.31	0.34		30	33		NA	NA		1	1	
C2A	11/12/2018	Mid-Ebb	Fine	Moderate	14:41	13	S	1	3										0.24	0.09	0.02	0.35											
C2A	11/12/2018	Mid-Ebb	Fine	Moderate	14:41	13	M	6.5	1	4			0.23			0.009			0.23	0.07	0.02	0.32			640			NA			1		
C2A	11/12/2018	Mid-Ebb	Fine	Moderate	14:41	13	M	6.5	2	4	4	4	0.22	0.23	0.23	0.009	0.009	0.009	0.22	0.12	0.02	0.36	0.33	0.34	800	716	201	NA	NA	NA	1	1	1
C2A	11/12/2018	Mid-Ebb	Fine	Moderate	14:41	13	M	6.5	3										0.23	0.07	0.02	0.32											
C2A	11/12/2018	Mid-Ebb	Fine	Moderate	14:41	13	B	12	1	5			0.23			0.010			0.23	0.09	0.02	0.34			300			NA			1		
C2A	11/12/2018	Mid-Ebb	Fine	Moderate	14:41	13	B	12	2	5	5		0.22	0.23		0.009	0.009		0.22	0.11	0.02	0.35	0.35		390	342		NA	NA		1	1	
C2A	11/12/2018	Mid-Ebb	Fine	Moderate	14:41	13	B	12	3										0.23	0.11	<0.01	0.35											
G2	11/12/2018	Mid-Ebb	Fine	Moderate	14:01	12	S	1	1	5			NA			NA			0.08	0.14	0.04	0.26			NA			NA			NA		
G2	11/12/2018	Mid-Ebb	Fine	Moderate	14:01	12	S	1	2	5	5		NA	NA		NA	NA		0.07	0.14	0.04	0.25	0.25		NA	NA		NA	NA		NA	NA	
G2	11/12/2018	Mid-Ebb	Fine	Moderate	14:01	12	S	1	3										0.07	0.14	0.04	0.25											
G2	11/12/2018	Mid-Ebb	Fine	Moderate	14:01	12	M	6	1	5			NA			NA			0.07	0.14	0.04	0.25			NA			NA			NA		
G2	11/12/2018	Mid-Ebb	Fine	Moderate	14:01	12	M	6	2	6	5	5	NA	NA	NA	NA	NA	NA	0.07	0.14	0.04	0.25	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	11/12/2018	Mid-Ebb	Fine	Moderate	14:01	12	M	6	3										0.07	0.14	0.04	0.25											
G2	11/12/2018	Mid-Ebb	Fine	Moderate	14:01	12	B	11	1	6			NA			NA			0.07	0.14	0.04	0.25			NA			NA			NA		
G2	11/12/2018	Mid-Ebb	Fine	Moderate	14:01	12	B	11	2	6	6		NA	NA		NA	NA		0.07	0.14	0.04	0.25	0.25		NA	NA		NA	NA		NA	NA	
G2	11/12/2018	Mid-Ebb	Fine	Moderate	14:01	12	B	11	3										0.07	0.14	0.04	0.25											
SR2	11/12/2018	Mid-Ebb	Fine	Moderate	13:55	8	S	1	1	6			0.07			0.003			NA	NA	NA	NA			NA			NA			NA		
SR2	11/12/2018	Mid-Ebb	Fine	Moderate	13:55	8	S	1	2	7	6		0.07	0.07		0.003	0.003		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	11/12/2018	Mid-Ebb	Fine	Moderate	13:55	8	S	1	3										NA	NA	NA	NA											
SR2	11/12/2018	Mid-Ebb	Fine	Moderate	13:55	8	M	4	1	7			0.07			0.003			NA	NA	NA	NA			NA			NA			NA		
SR2	11/12/2018	Mid-Ebb	Fine	Moderate	13:55	8	M	4	2	7	7	7	0.06	0.07	0.07	0.003	0.003	0.003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	11/12/2018	Mid-Ebb	Fine	Moderate	13:55	8	M	4	3										NA	NA	NA	NA											
SR2	11/12/2018	Mid-Ebb	Fine	Moderate	13:55	8	B	7	1	7			0.06			0.003			NA	NA	NA	NA			NA			NA			NA		
SR2	11/12/2018	Mid-Ebb	Fine	Moderate	13:55	8	B	7	2	7	7		0.07	0.07		0.003	0.003		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	11/12/2018	Mid-Ebb	Fine	Moderate	13:55	8	B	7	3										NA	NA	NA	NA											
SR3	11/12/2018	Mid-Ebb	Fine	Moderate	14:06	7	S	1	1	7			0.08			0.004			NA	NA	NA	NA			NA			NA			NA		
SR3	11/12/2018	Mid-Ebb	Fine	Moderate	14:06	7	S	1	2	7	7		0.08	0.08		0.004	0.004		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	11/12/2018	Mid-Ebb	Fine	Moderate	14:06	7	S	1	3										NA	NA	NA	NA											
SR3	11/12/2018	Mid-Ebb	Fine	Moderate	14:06	7	M	3.5	1	8			0.08			0.004			NA	NA	NA	NA			NA			NA			NA		
SR3	11/12/2018	Mid-Ebb	Fine	Moderate	14:06	7	M	3.5	2	7	7	8	0.07	0.08	0.08	0.003	0.003	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	11/12/2018	Mid-Ebb	Fine	Moderate	14:06	7	M	3.5	3										NA	NA	NA	NA											
SR3	11/12/2018	Mid-Ebb	Fine	Moderate	14:06	7	B	6	1	9			0.08			0.004			NA	NA	NA	NA			NA			NA			NA		
SR3	11/12/2018	Mid-Ebb	Fine	Moderate	14:06	7	B	6	2	9	9		0.08	0.08		0.004	0.004		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	11/12/2018	Mid-Ebb	Fine	Moderate	14:06	7	B	6	3										NA	NA	NA	NA											
SR4	11/12/2018	Mid-Ebb	Fine	Moderate	14:13	4	S	1	1	9			0.11			0.005			NA	NA	NA	NA			150			NA			3		
SR4	11/12/2018	Mid-Ebb	Fine	Moderate	14:13	4	S	1	2	9	9		0.11	0.11		0.005	0.005		NA	NA	NA	NA	NA		310	216		NA	NA		2	3	
SR4	11/12/2018	Mid-Ebb	Fine	Moderate	14:13	4	S	1	3										NA	NA	NA	NA											
SR4	11/12/2018	Mid-Ebb	Fine	Moderate	14:13	4	M		1										NA	NA	NA	NA						NA					
SR4	11/12/2018	Mid-Ebb	Fine	Moderate	14:13	4	M		2			NA		NA	0.11		NA	0.005	NA	NA	NA	NA	NA	NA		NA	107	NA	NA	NA		NA	2
SR4	11/12/2018	Mid-Ebb	Fine	Moderate	14:13	4	M		3										NA	NA	NA	NA											
SR4	11/12/2018	Mid-Ebb	Fine	Moderate	14:13	4	B	3	1	10			0.11			0.005			NA	NA	NA	NA			70			NA			1		
SR4	11/12/2018	Mid-Ebb	Fine	Moderate	14:13	4	B	3	2	10	10		0.11	0.11		0.005	0.005		NA	NA	NA	NA	NA		40	53		NA	NA		1	1	
SR4	11/12/2018	Mid-Ebb	Fine	Moderate	14:13	4	B	3	3										NA	NA	NA	NA											

Impact Monitoring Data

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.
SR5	11/12/2018	Mid-Ebb	Fine	Moderate	13:48	11	S	1	1	7			NA			NA			0.09	0.19	0.04	0.32			NA			NA			NA		
SR5	11/12/2018	Mid-Ebb	Fine	Moderate	13:48	11	S	1	2	6	6		NA	NA		NA	NA		0.08	0.20	0.04	0.32	0.31		NA	NA		NA	NA		NA	NA	
SR5	11/12/2018	Mid-Ebb	Fine	Moderate	13:48	11	S	1	3										0.07	0.19	0.04	0.30										
SR5	11/12/2018	Mid-Ebb	Fine	Moderate	13:48	11	M	5.5	1	7			NA			NA			0.07	0.19	0.04	0.30			NA			NA			NA		
SR5	11/12/2018	Mid-Ebb	Fine	Moderate	13:48	11	M	5.5	2	7	7	6	NA	NA	NA	NA	NA	NA	0.07	0.19	0.04	0.30	0.30	0.31	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	11/12/2018	Mid-Ebb	Fine	Moderate	13:48	11	M	5.5	3										0.07	0.19	0.04	0.30										
SR5	11/12/2018	Mid-Ebb	Fine	Moderate	13:48	11	B	10	1	6			NA			NA			0.07	0.19	0.04	0.30			NA			NA			NA		
SR5	11/12/2018	Mid-Ebb	Fine	Moderate	13:48	11	B	10	2	6	6		NA	NA		NA	NA		0.09	0.19	0.04	0.32	0.31		NA	NA		NA	NA		NA	NA	
SR5	11/12/2018	Mid-Ebb	Fine	Moderate	13:48	11	B	10	3										0.07	0.19	0.04	0.30										
SR12	11/12/2018	Mid-Ebb	Fine	Moderate	14:22	15	S	1	1	6			0.13			0.000			NA	NA	NA	NA			430			NA			2		
SR12	11/12/2018	Mid-Ebb	Fine	Moderate	14:22	15	S	1	2	6	6		0.13	0.13		0.000	0.000		NA	NA	NA	NA	NA		330	377		NA	NA		1	2	
SR12	11/12/2018	Mid-Ebb	Fine	Moderate	14:22	15	S	1	3										NA	NA	NA	NA											
SR12	11/12/2018	Mid-Ebb	Fine	Moderate	14:22	15	M	7.5	1	7			0.12			0.005			NA	NA	NA	NA			76			NA			1		
SR12	11/12/2018	Mid-Ebb	Fine	Moderate	14:22	15	M	7.5	2	7	7	7	0.13	0.13	0.13	0.006	0.005	0.004	NA	NA	NA	NA	NA	NA	60	68	194	NA	NA	NA	2	2	2
SR12	11/12/2018	Mid-Ebb	Fine	Moderate	14:22	15	M	7.5	3										NA	NA	NA	NA											
SR12	11/12/2018	Mid-Ebb	Fine	Moderate	14:22	15	B	14	1	7			0.13			0.006			NA	NA	NA	NA			320			NA			2		
SR12	11/12/2018	Mid-Ebb	Fine	Moderate	14:22	15	B	14	2	8	7		0.13	0.13		0.006	0.006		NA	NA	NA	NA	NA		260	288		NA	NA		2	2	
SR12	11/12/2018	Mid-Ebb	Fine	Moderate	14:22	15	B	14	3										NA	NA	NA	NA											
SR13	11/12/2018	Mid-Ebb	Fine	Moderate	14:30	14	S	1	1	4			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	11/12/2018	Mid-Ebb	Fine	Moderate	14:30	14	S	1	2	5	4		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	11/12/2018	Mid-Ebb	Fine	Moderate	14:30	14	S	1	3										NA	NA	NA	NA											
SR13	11/12/2018	Mid-Ebb	Fine	Moderate	14:30	14	M	7	1	5			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	11/12/2018	Mid-Ebb	Fine	Moderate	14:30	14	M	7	2	5	5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	11/12/2018	Mid-Ebb	Fine	Moderate	14:30	14	M	7	3										NA	NA	NA	NA											
SR13	11/12/2018	Mid-Ebb	Fine	Moderate	14:30	14	B	13	1	6			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	11/12/2018	Mid-Ebb	Fine	Moderate	14:30	14	B	13	2	6	6		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	11/12/2018	Mid-Ebb	Fine	Moderate	14:30	14	B	13	3										NA	NA	NA	NA											

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

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																													
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
C1A	13/12/2018	Mid-Flood	Fine	Moderate	12:50	28	S	1	1	8.16		33.73		21.54		93.3		6.76			4.6			0.04			0.002			0.04	0.07	0.02	0.13		
C1A	13/12/2018	Mid-Flood	Fine	Moderate	12:50	28	S	1	2	8.16	8.16	33.74	33.74	21.55	21.55	93.0	93.2	6.73	6.75		4.2	4.4		0.04	0.04		0.002	0.002		0.04	0.08	0.02	0.14	0.14	
C1A	13/12/2018	Mid-Flood	Fine	Moderate	12:50	28	S	1	3																					0.04	0.08	0.02	0.14		
C1A	13/12/2018	Mid-Flood	Fine	Moderate	12:50	28	M	14	1	8.17		33.79		21.33		90.4		6.55			5.9			0.05			0.002			0.05	0.08	0.02	0.15		
C1A	13/12/2018	Mid-Flood	Fine	Moderate	12:50	28	M	14	2	8.17	8.17	33.81	33.80	21.35	21.34	91.0	90.7	6.59	6.57		6.1	6.0		0.05	0.05		0.002	0.002		0.05	0.09	0.02	0.16	0.15	
C1A	13/12/2018	Mid-Flood	Fine	Moderate	12:50	28	M	14	3																					0.04	0.09	0.02	0.15		
C1A	13/12/2018	Mid-Flood	Fine	Moderate	12:50	28	B	27	1	8.18		33.99		21.10		88.8		6.43			7.7			0.06			0.003			0.06	0.09	0.03	0.18		
C1A	13/12/2018	Mid-Flood	Fine	Moderate	12:50	28	B	27	2	8.19	8.19	33.98	33.99	21.08	21.09	88.3	88.6	6.39	6.41		7.4	7.6		0.06	0.06		0.003	0.003		0.06	0.09	0.03	0.18	0.18	
C1A	13/12/2018	Mid-Flood	Fine	Moderate	12:50	28	B	27	3																					0.06	0.09	0.03	0.18		
C2A	13/12/2018	Mid-Flood	Fine	Moderate	10:02	13	S	1	1	8.15		33.44		21.80		90.3		6.53			3.9			0.08			0.004			0.08	0.08	0.01	0.17		
C2A	13/12/2018	Mid-Flood	Fine	Moderate	10:02	13	S	1	2	8.15	8.15	33.43	33.44	21.79	21.80	89.8	90.1	6.50	6.52		4.2	4.1		0.08	0.08		0.004	0.004		0.08	0.07	0.01	0.16	0.17	
C2A	13/12/2018	Mid-Flood	Fine	Moderate	10:02	13	S	1	3																					0.08	0.08	0.01	0.17		
C2A	13/12/2018	Mid-Flood	Fine	Moderate	10:02	13	M	6.5	1	8.12		33.52		21.74		88.4		6.39			4.9			0.08			0.004			0.08	0.07	0.02	0.17		
C2A	13/12/2018	Mid-Flood	Fine	Moderate	10:02	13	M	6.5	2	8.14	8.13	33.54	33.53	21.74	21.74	82.9	85.7	6.36	6.38		5.3	5.1		0.08	0.08		0.004	0.004		0.08	0.07	0.02	0.17	0.17	
C2A	13/12/2018	Mid-Flood	Fine	Moderate	10:02	13	M	6.5	3																					0.08	0.07	0.02	0.17		
C2A	13/12/2018	Mid-Flood	Fine	Moderate	10:02	13	B	12	1	8.12		33.60		21.70		85.3		6.18			6.2			0.11			0.005			0.11	0.07	0.02	0.20		
C2A	13/12/2018	Mid-Flood	Fine	Moderate	10:02	13	B	12	2	8.12	8.12	33.59	33.60	21.69	21.70	84.8	85.1	6.14	6.16		6.5	6.4		0.11	0.11		0.005	0.005		0.11	0.07	0.02	0.20	0.20	
C2A	13/12/2018	Mid-Flood	Fine	Moderate	10:02	13	B	12	3																					0.11	0.08	0.02	0.21		
G2	13/12/2018	Mid-Flood	Fine	Moderate	11:59	12	S	1	1	8.15		33.72		21.72		91.9		6.64			4.7			NA			NA			0.05	0.08	0.02	0.15		
G2	13/12/2018	Mid-Flood	Fine	Moderate	11:59	12	S	1	2	8.15	8.15	33.70	33.71	21.72	21.72	91.6	91.8	6.62	6.63		5.1	4.9		NA	NA		NA	NA		0.05	0.08	0.02	0.15	0.15	
G2	13/12/2018	Mid-Flood	Fine	Moderate	11:59	12	S	1	3																					0.05	0.08	0.02	0.15		
G2	13/12/2018	Mid-Flood	Fine	Moderate	11:59	12	M	6	1	8.16		33.75		21.66		90.2		6.51			3.5			NA			NA			0.04	0.07	0.02	0.13		
G2	13/12/2018	Mid-Flood	Fine	Moderate	11:59	12	M	6	2	8.16	8.16	33.74	33.75	21.64	21.65	90.5	90.4	6.56	6.54		3.8	3.7	4.6	NA	NA	NA	NA	NA	NA	0.04	0.07	0.02	0.13	0.13	0.14
G2	13/12/2018	Mid-Flood	Fine	Moderate	11:59	12	M	6	3																					0.04	0.07	0.02	0.13		
G2	13/12/2018	Mid-Flood	Fine	Moderate	11:59	12	B	11	1	8.17		33.82		21.53		88.9		6.42			5.2			NA			NA			0.05	0.07	0.03	0.15		
G2	13/12/2018	Mid-Flood	Fine	Moderate	11:59	12	B	11	2	8.17	8.17	33.80	33.81	21.55	21.54	89.3	89.1	6.45	6.44		5.4	5.3		NA	NA		NA	NA		0.05	0.07	0.03	0.15	0.15	
G2	13/12/2018	Mid-Flood	Fine	Moderate	11:59	12	B	11	3																					0.05	0.07	0.03	0.15		
SR2	13/12/2018	Mid-Flood	Fine	Moderate	12:15	9	S	1	1	8.14		33.52		21.77		90.6		6.54			3.5			0.06			0.003			NA	NA	NA	NA		
SR2	13/12/2018	Mid-Flood	Fine	Moderate	12:15	9	S	1	2	8.14	8.14	33.50	33.51	21.77	21.77	90.1	90.4	6.50	6.52		3.4	3.5		0.06	0.06		0.003	0.003		NA	NA	NA	NA	NA	
SR2	13/12/2018	Mid-Flood	Fine	Moderate	12:15	9	S	1	3																					NA	NA	NA	NA		
SR2	13/12/2018	Mid-Flood	Fine	Moderate	12:15	9	M	4.5	1	8.17		33.58		21.70		89.4		6.45			3.9			0.06			0.003			NA	NA	NA	NA		
SR2	13/12/2018	Mid-Flood	Fine	Moderate	12:15	9	M	4.5	2	8.16	8.17	33.59	33.59	21.72	21.71	89.8	89.6	6.49	6.47		4.1	4.0	4.0	0.08	0.07	0.07	0.004	0.003	0.004	NA	NA	NA	NA	NA	NA
SR2	13/12/2018	Mid-Flood	Fine	Moderate	12:15	9	M	4.5	3																					NA	NA	NA	NA		
SR2	13/12/2018	Mid-Flood	Fine	Moderate	12:15	9	B	8	1	8.15		33.64		21.62		88.2		6.37			4.7			0.09			0.004			NA	NA	NA	NA		
SR2	13/12/2018	Mid-Flood	Fine	Moderate	12:15	9	B	8	2	8.15	8.15	33.65	33.65	21.61	21.62	87.6	87.9	6.33	6.35		4.5	4.6		0.09	0.09		0.004	0.004		NA	NA	NA	NA	NA	
SR2	13/12/2018	Mid-Flood	Fine	Moderate	12:15	9	B	8	3																					NA	NA	NA	NA		
SR3	13/12/2018	Mid-Flood	Fine	Moderate	11:35	8	S	1	1	8.12		33.48		21.84		83.9		6.05			5.8			0.05			0.002			NA	NA	NA	NA		
SR3	13/12/2018	Mid-Flood	Fine	Moderate	11:35	8	S	1	2	8.12	8.12	33.48	33.48	21.85	21.85	84.6	84.3	6.10	6.08		5.9	5.9		0.05	0.05		0.002	0.002		NA	NA	NA	NA	NA	
SR3	13/12/2018	Mid-Flood	Fine	Moderate	11:35	8	S	1	3																					NA	NA	NA	NA		
SR3	13/12/2018	Mid-Flood	Fine	Moderate	11:35	8	M	4	1	8.13		33.52		21.83		82.7		5.99			6.6			0.04			0.002			NA	NA	NA	NA		
SR3	13/12/2018	Mid-Flood	Fine	Moderate	11:35	8	M	4	2	8.12	8.13	33.53	33.53	21.81	21.82	82.1	82.4	5.92	5.96		6.4	6.5	6.4	0.04	0.04	0.04	0.002	0.002	0.002	NA	NA	NA	NA	NA	NA
SR3	13/12/2018	Mid-Flood	Fine	Moderate	11:35	8	M	4	3																					NA	NA	NA	NA		
SR3	13/12/2018	Mid-Flood	Fine	Moderate	11:35	8	B	7	1	8.11		33.58		21.8		80.2		5.78			6.9			0.04			0.002			NA	NA	NA	NA		
SR3	13/12/2018	Mid-Flood	Fine	Moderate	11:35	8	B	7	2	8.11	8.11	33.59	33.59	21.7	21.75	79.6	79.9	5.74	5.76		6.8	6.9		0.04	0.04		0.002	0.002		NA	NA	NA	NA	NA	
SR3	13/12/2018	Mid-Flood	Fine	Moderate	11:35	8	B	7	3																					NA	NA	NA	NA		
SR4	13/12/2018	Mid-Flood	Fine	Moderate	11:11	4	S	1	1	8.10		33.42		21.85		82.5		5.96			7.2			0.11			0.005			NA	NA	NA	NA		
SR4	13/12/2018	Mid-Flood	Fine	Moderate	11:11	4	S	1	2	8.11	8.11	33.41	33.42	21.84	21.85	82.1	82.3	5.94	5.95		6.8	7.0		0.11	0.11		0.005	0.005		NA	NA	NA	NA	NA	
SR4	13/12/2018	Mid-Flood	Fine	Moderate	11:11	4	S	1	3																					NA	NA	NA	NA		
SR4	13/12/2018	Mid-Flood	Fine	Moderate	11:11	4	M		1																					NA	NA	NA	NA		
SR4	13/12/2018	Mid-Flood	Fine	Moderate	11:11	4	M		2		NA		NA		NA		NA		NA	5.95		NA	6.8		NA	0.12		NA	0.005	NA	NA	NA	NA	NA	NA
SR4	13/12/2018	Mid-Flood	Fine	Moderate	11:11	4	M		3																					NA	NA	NA	NA		
SR4	13/12/2018	Mid-Flood	Fine	Moderate	11:11	4	B	3	1	8.11		33.44		21.78		81.8		5.90			6.4			0.12			0.005			NA	NA	NA	NA		
SR4	13/12/2018	Mid-Flood	Fine	Moderate	11:11	4	B	3	2	8.11	8.11	33.45	33.45	21.80	21.79	81.3	81.6	5.89	5.90		6.6	6.5		0.12	0.12		0.005	0.005		NA	NA	NA	NA	NA	
SR4	13/12/2018	Mid-Flood	Fine	Moderate	11:11	4	B	3	3																					NA	NA	NA	NA		

Impact Monitoring Data

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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR5	13/12/2018	Mid-Flood	Fine	Moderate	12:27	11	S	1	1	8.17		33.80		21.68		93.8		6.77			4.4			NA			NA			0.03	0.03	0.02	0.08		
SR5	13/12/2018	Mid-Flood	Fine	Moderate	12:27	11	S	1	2	8.17	8.17	33.81	33.81	21.67	21.68	94.4	94.1	6.81	6.79		4.2	4.3		NA	NA		NA	NA		0.03	0.03	0.02	0.08	0.08	
SR5	13/12/2018	Mid-Flood	Fine	Moderate	12:27	11	S	1	3											6.74										0.03	0.03	0.02	0.08		
SR5	13/12/2018	Mid-Flood	Fine	Moderate	12:27	11	M	5.5	1	8.17		33.87		21.63		92.8		6.70			5.6			NA			NA			0.03	0.04	0.03	0.10		
SR5	13/12/2018	Mid-Flood	Fine	Moderate	12:27	11	M	5.5	2	8.18	8.18	33.89	33.88	21.62	21.63	92.3	92.6	6.66	6.68		5.9	5.8	5.8	NA	NA	NA	NA	NA	NA	0.05	0.04	0.03	0.12	0.11	0.11
SR5	13/12/2018	Mid-Flood	Fine	Moderate	12:27	11	M	5.5	3																					0.05	0.03	0.03	0.11		
SR5	13/12/2018	Mid-Flood	Fine	Moderate	12:27	11	B	10	1	8.19		33.92		21.60		90.7		6.54			7.5			NA			NA			0.07	0.04	0.03	0.14		
SR5	13/12/2018	Mid-Flood	Fine	Moderate	12:27	11	B	10	2	8.19	8.19	33.93	33.93	21.90	21.75	91.3	91.0	6.59	6.57		7.0	7.3		NA	NA		NA	NA		0.06	0.04	0.03	0.13	0.14	
SR5	13/12/2018	Mid-Flood	Fine	Moderate	12:27	11	B	10	3																					0.07	0.04	0.03	0.14		
SR12	13/12/2018	Mid-Flood	Fine	Moderate	10:50	15	S	1	1	8.12		33.40		21.86		83.5		6.02			6.5			0.12			0.005			NA	NA	NA	NA		
SR12	13/12/2018	Mid-Flood	Fine	Moderate	10:50	15	S	1	2	8.11	8.12	33.41	33.41	21.84	21.85	83.0	83.3	5.99	6.01		5.8	6.2		0.12	0.12		0.005	0.005		NA	NA	NA	NA	NA	
SR12	13/12/2018	Mid-Flood	Fine	Moderate	10:50	15	S	1	3											5.96										NA	NA	NA	NA		
SR12	13/12/2018	Mid-Flood	Fine	Moderate	10:50	15	M	7.5	1	8.11		33.50		21.80		81.9		5.91			7.0			0.15			0.007			NA	NA	NA	NA		
SR12	13/12/2018	Mid-Flood	Fine	Moderate	10:50	15	M	7.5	2	8.11	8.11	33.52	33.51	21.81	21.81	81.7	81.8	5.90	5.91		6.7	6.9	7.1	0.15	0.15	0.15	0.007	0.007	0.006	NA	NA	NA	NA	NA	NA
SR12	13/12/2018	Mid-Flood	Fine	Moderate	10:50	15	M	7.5	3																					NA	NA	NA	NA		
SR12	13/12/2018	Mid-Flood	Fine	Moderate	10:50	15	B	14	1	8.12		33.56		21.70		78.8		5.71			8.2			0.17			0.008			NA	NA	NA	NA		
SR12	13/12/2018	Mid-Flood	Fine	Moderate	10:50	15	B	14	2	8.12	8.12	33.56	33.56	21.69	21.70	77.8	78.3	5.63	5.67		8.4	8.3		0.17	0.17		0.008	0.008		NA	NA	NA	NA	NA	
SR12	13/12/2018	Mid-Flood	Fine	Moderate	10:50	15	B	14	3																					NA	NA	NA	NA		
SR13	13/12/2018	Mid-Flood	Fine	Moderate	10:27	14	S	1	1	8.11		33.38		21.89		85.3		6.15			4.7			NA			NA			NA	NA	NA	NA		
SR13	13/12/2018	Mid-Flood	Fine	Moderate	10:27	14	S	1	2	8.11	8.11	33.40	33.39	21.88	21.89	86.0	85.7	6.23	6.19		4.3	4.5		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	13/12/2018	Mid-Flood	Fine	Moderate	10:27	14	S	1	3											6.07										NA	NA	NA	NA		
SR13	13/12/2018	Mid-Flood	Fine	Moderate	10:27	14	M	7	1	8.12		33.45		21.85		82.6		5.98			6.5			NA			NA			NA	NA	NA	NA		
SR13	13/12/2018	Mid-Flood	Fine	Moderate	10:27	14	M	7	2	8.12	8.12	33.45	33.45	21.86	21.86	81.9	82.3	5.93	5.96		7.0	6.8	6.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	13/12/2018	Mid-Flood	Fine	Moderate	10:27	14	M	7	3																					NA	NA	NA	NA		
SR13	13/12/2018	Mid-Flood	Fine	Moderate	10:27	14	B	13	1	8.13		33.56		21.78		80.7		5.84			7.9			NA			NA			NA	NA	NA	NA		
SR13	13/12/2018	Mid-Flood	Fine	Moderate	10:27	14	B	13	2	8.12	8.13	33.57	33.57	21.78	21.78	80.4	80.6	5.82	5.83		8.1	8.0		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	13/12/2018	Mid-Flood	Fine	Moderate	10:27	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
1 in calculating the geometric mean.

Impact Monitoring Data

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	13/12/2018	Mid-Flood	Fine	Moderate	12:50	28	S	1	1	6			0.04			0.002			0.04	0.06	<0.01	0.11			2			NA			<1		
C1A	13/12/2018	Mid-Flood	Fine	Moderate	12:50	28	S	1	2	5	6		0.04	0.04		0.002	0.002		0.04	0.04	0.02	0.10	0.10		4	3		NA	NA		<1	1	
C1A	13/12/2018	Mid-Flood	Fine	Moderate	12:50	28	S	1	3										0.04	0.05	<0.01	0.10											
C1A	13/12/2018	Mid-Flood	Fine	Moderate	12:50	28	M	14	1	6			0.04			0.002			0.04	0.04	0.01	0.09			ND			NA			<1		
C1A	13/12/2018	Mid-Flood	Fine	Moderate	12:50	28	M	14	2	6	6	5	0.04	0.04	0.04	0.002	0.002	0.002	0.04	0.06	0.01	0.11	0.10	0.10	2	1	2	NA	NA	NA	<1	1	1
C1A	13/12/2018	Mid-Flood	Fine	Moderate	12:50	28	M	14	3										0.04	0.06	<0.01	0.11											
C1A	13/12/2018	Mid-Flood	Fine	Moderate	12:50	28	B	27	1	5			0.04			0.002			0.04	0.04	0.02	0.10			1			NA			<1		
C1A	13/12/2018	Mid-Flood	Fine	Moderate	12:50	28	B	27	2	5	5		0.04	0.04		0.002	0.002		0.04	0.05	0.01	0.10	0.10		ND	1		NA	NA		<1	1	
C1A	13/12/2018	Mid-Flood	Fine	Moderate	12:50	28	B	27	3										0.04	0.03	0.02	0.09											
C2A	13/12/2018	Mid-Flood	Fine	Moderate	10:02	13	S	1	1	7			0.08			0.004			0.08	0.06	<0.01	0.15			ND			NA			<1		
C2A	13/12/2018	Mid-Flood	Fine	Moderate	10:02	13	S	1	2	7	7		0.08	0.08		0.004	0.004		0.08	0.06	<0.01	0.15	0.15		ND	1		NA	NA		<1	1	
C2A	13/12/2018	Mid-Flood	Fine	Moderate	10:02	13	S	1	3										0.08	0.05	<0.01	0.14											
C2A	13/12/2018	Mid-Flood	Fine	Moderate	10:02	13	M	6.5	1	6			0.11			0.005			0.11	0.05	<0.01	0.17			ND			NA			2		
C2A	13/12/2018	Mid-Flood	Fine	Moderate	10:02	13	M	6.5	2	6	6	6	0.10	0.11	0.11	0.005	0.005	0.005	0.10	0.05	0.01	0.16	0.16	0.17	ND	1	1	NA	NA	NA	2	2	2
C2A	13/12/2018	Mid-Flood	Fine	Moderate	10:02	13	M	6.5	3										0.10	0.04	0.02	0.16											
C2A	13/12/2018	Mid-Flood	Fine	Moderate	10:02	13	B	12	1	6			0.13			0.006			0.13	0.06	<0.01	0.20			ND			NA			2		
C2A	13/12/2018	Mid-Flood	Fine	Moderate	10:02	13	B	12	2	8	7		0.14	0.14		0.006	0.006		0.14	0.05	0.01	0.20	0.20		ND	1		NA	NA		2	2	
C2A	13/12/2018	Mid-Flood	Fine	Moderate	10:02	13	B	12	3										0.14	0.05	0.02	0.21											
G2	13/12/2018	Mid-Flood	Fine	Moderate	11:59	12	S	1	1	6			NA			NA			0.05	0.06	<0.01	0.12			NA			NA			NA		
G2	13/12/2018	Mid-Flood	Fine	Moderate	11:59	12	S	1	2	7	7		NA	NA		NA	NA		0.05	0.05	0.01	0.11	0.11		NA	NA		NA	NA		NA	NA	
G2	13/12/2018	Mid-Flood	Fine	Moderate	11:59	12	S	1	3										0.05	0.03	0.02	0.10											
G2	13/12/2018	Mid-Flood	Fine	Moderate	11:59	12	M	6	1	6			NA			NA			0.07	0.05	0.01	0.13			NA			NA			NA		
G2	13/12/2018	Mid-Flood	Fine	Moderate	11:59	12	M	6	2	7	7	7	NA	NA	NA	NA	NA	NA	0.05	0.05	0.02	0.12	0.12	0.11	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	13/12/2018	Mid-Flood	Fine	Moderate	11:59	12	M	6	3										0.05	0.04	0.02	0.11											
G2	13/12/2018	Mid-Flood	Fine	Moderate	11:59	12	B	11	1	7			NA			NA			0.05	0.04	0.02	0.11			NA			NA			NA		
G2	13/12/2018	Mid-Flood	Fine	Moderate	11:59	12	B	11	2	6	7		NA	NA		NA	NA		0.05	0.05	<0.01	0.11	0.11		NA	NA		NA	NA		NA	NA	
G2	13/12/2018	Mid-Flood	Fine	Moderate	11:59	12	B	11	3										0.05	0.06	<0.01	0.12											
SR2	13/12/2018	Mid-Flood	Fine	Moderate	12:15	9	S	1	1	5			0.06			0.003			NA	NA	NA	NA			NA			NA			NA		
SR2	13/12/2018	Mid-Flood	Fine	Moderate	12:15	9	S	1	2	4	4		0.06	0.06		0.003	0.003		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	13/12/2018	Mid-Flood	Fine	Moderate	12:15	9	S	1	3										NA	NA	NA	NA											
SR2	13/12/2018	Mid-Flood	Fine	Moderate	12:15	9	M	4.5	1	5			0.06			0.003			NA	NA	NA	NA			NA			NA			NA		
SR2	13/12/2018	Mid-Flood	Fine	Moderate	12:15	9	M	4.5	2	5	5	5	0.06	0.06	0.06	0.003	0.003	0.003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	13/12/2018	Mid-Flood	Fine	Moderate	12:15	9	M	4.5	3										NA	NA	NA	NA											
SR2	13/12/2018	Mid-Flood	Fine	Moderate	12:15	9	B	8	1	4			0.06			0.003			NA	NA	NA	NA			NA			NA			NA		
SR2	13/12/2018	Mid-Flood	Fine	Moderate	12:15	9	B	8	2	5	5		0.06	0.06		0.003	0.003		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	13/12/2018	Mid-Flood	Fine	Moderate	12:15	9	B	8	3										NA	NA	NA	NA											
SR3	13/12/2018	Mid-Flood	Fine	Moderate	11:35	8	S	1	1	10			0.11			0.005			NA	NA	NA	NA			NA			NA			NA		
SR3	13/12/2018	Mid-Flood	Fine	Moderate	11:35	8	S	1	2	9	10		0.10	0.11		0.005	0.005		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	13/12/2018	Mid-Flood	Fine	Moderate	11:35	8	S	1	3										NA	NA	NA	NA											
SR3	13/12/2018	Mid-Flood	Fine	Moderate	11:35	8	M	4	1	9			0.10			0.005			NA	NA	NA	NA			NA			NA			NA		
SR3	13/12/2018	Mid-Flood	Fine	Moderate	11:35	8	M	4	2	9	9	9	0.10	0.10	0.10	0.005	0.005	0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	13/12/2018	Mid-Flood	Fine	Moderate	11:35	8	M	4	3										NA	NA	NA	NA											
SR3	13/12/2018	Mid-Flood	Fine	Moderate	11:35	8	B	7	1	9			0.10			0.004			NA	NA	NA	NA			NA			NA			NA		
SR3	13/12/2018	Mid-Flood	Fine	Moderate	11:35	8	B	7	2	8	9		0.10	0.10		0.004	0.004		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	13/12/2018	Mid-Flood	Fine	Moderate	11:35	8	B	7	3										NA	NA	NA	NA											
SR4	13/12/2018	Mid-Flood	Fine	Moderate	11:11	4	S	1	1	9			0.11			0.005			NA	NA	NA	NA			3			NA			<1		
SR4	13/12/2018	Mid-Flood	Fine	Moderate	11:11	4	S	1	2	9	9		0.10	0.11		0.004	0.005		NA	NA	NA	NA	NA		5	4		NA	NA		<1	1	
SR4	13/12/2018	Mid-Flood	Fine	Moderate	11:11	4	S	1	3										NA	NA	NA	NA											
SR4	13/12/2018	Mid-Flood	Fine	Moderate	11:11	4	M		1										NA	NA	NA	NA						NA					
SR4	13/12/2018	Mid-Flood	Fine	Moderate	11:11	4	M		2		NA	9		NA	0.11		NA	0.005	NA	NA	NA	NA	NA	NA		NA	7	NA	NA	NA		NA	1
SR4	13/12/2018	Mid-Flood	Fine	Moderate	11:11	4	M		3										NA	NA	NA	NA											
SR4	13/12/2018	Mid-Flood	Fine	Moderate	11:11	4	B	3	1	9			0.10			0.004			NA	NA	NA	NA			14			NA			<1		
SR4	13/12/2018	Mid-Flood	Fine	Moderate	11:11	4	B	3	2	9	9		0.11	0.11		0.005	0.005		NA	NA	NA	NA	NA		15	14		NA	NA		<1	1	
SR4	13/12/2018	Mid-Flood	Fine	Moderate	11:11	4	B	3	3										NA	NA	NA	NA											

Impact Monitoring Data

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.
SR5	13/12/2018	Mid-Flood	Fine	Moderate	12:27	11	S	1	1	6			NA			NA			0.03	0.03	0.01	0.07			NA			NA			NA		
SR5	13/12/2018	Mid-Flood	Fine	Moderate	12:27	11	S	1	2	7	6		NA	NA		NA	NA		0.03	0.04	<0.01	0.08	0.07		NA	NA		NA	NA		NA	NA	
SR5	13/12/2018	Mid-Flood	Fine	Moderate	12:27	11	S	1	3										0.03	0.02	0.02	0.07											
SR5	13/12/2018	Mid-Flood	Fine	Moderate	12:27	11	M	5.5	1	5			NA			NA			0.03	0.03	0.01	0.07			NA			NA			NA		
SR5	13/12/2018	Mid-Flood	Fine	Moderate	12:27	11	M	5.5	2	6	6	6	NA	NA	NA	NA	NA	NA	0.03	0.04	<0.01	0.08	0.07	0.07	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	13/12/2018	Mid-Flood	Fine	Moderate	12:27	11	M	5.5	3										0.03	0.03	0.01	0.07											
SR5	13/12/2018	Mid-Flood	Fine	Moderate	12:27	11	B	10	1	7			NA			NA			0.03	0.04	<0.01	0.08			NA			NA			NA		
SR5	13/12/2018	Mid-Flood	Fine	Moderate	12:27	11	B	10	2	6	7		NA	NA		NA	NA		0.03	0.04	<0.01	0.08	0.08		NA	NA		NA	NA		NA	NA	
SR5	13/12/2018	Mid-Flood	Fine	Moderate	12:27	11	B	10	3										0.03	0.03	<0.01	0.07											
SR12	13/12/2018	Mid-Flood	Fine	Moderate	10:50	15	S	1	1	10			0.10			0.004			NA	NA	NA	NA			3			NA			<1		
SR12	13/12/2018	Mid-Flood	Fine	Moderate	10:50	15	S	1	2	9	9		0.10	0.10		0.004	0.004		NA	NA	NA	NA	NA		5	4		NA	NA		<1	1	
SR12	13/12/2018	Mid-Flood	Fine	Moderate	10:50	15	S	1	3										NA	NA	NA	NA											
SR12	13/12/2018	Mid-Flood	Fine	Moderate	10:50	15	M	7.5	1	8			0.10			0.004			NA	NA	NA	NA			4			NA			<1		
SR12	13/12/2018	Mid-Flood	Fine	Moderate	10:50	15	M	7.5	2	7	7	8	0.10	0.10	0.10	0.004	0.004	0.005	NA	NA	NA	NA	NA	NA	5	4	8	NA	NA	NA	<1	1	1
SR12	13/12/2018	Mid-Flood	Fine	Moderate	10:50	15	M	7.5	3										NA	NA	NA	NA											
SR12	13/12/2018	Mid-Flood	Fine	Moderate	10:50	15	B	14	1	8			0.11			0.005			NA	NA	NA	NA			27			NA			<1		
SR12	13/12/2018	Mid-Flood	Fine	Moderate	10:50	15	B	14	2	7	8		0.10	0.11		0.004	0.005		NA	NA	NA	NA	NA		25	26		NA	NA		<1	1	
SR12	13/12/2018	Mid-Flood	Fine	Moderate	10:50	15	B	14	3										NA	NA	NA	NA											
SR13	13/12/2018	Mid-Flood	Fine	Moderate	10:27	14	S	1	1	6			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	13/12/2018	Mid-Flood	Fine	Moderate	10:27	14	S	1	2	7	6		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	13/12/2018	Mid-Flood	Fine	Moderate	10:27	14	S	1	3										NA	NA	NA	NA											
SR13	13/12/2018	Mid-Flood	Fine	Moderate	10:27	14	M	7	1	7			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	13/12/2018	Mid-Flood	Fine	Moderate	10:27	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	13/12/2018	Mid-Flood	Fine	Moderate	10:27	14	M	7	3										NA	NA	NA	NA											
SR13	13/12/2018	Mid-Flood	Fine	Moderate	10:27	14	B	13	1	5			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	13/12/2018	Mid-Flood	Fine	Moderate	10:27	14	B	13	2	6	6		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	13/12/2018	Mid-Flood	Fine	Moderate	10:27	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
1 in calculating the geometric mean.

Impact Monitoring Data

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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
C1A	13/12/2018	Mid-Ebb	Fine	Moderate	15:32	28	S	1	1	8.19		33.87		21.68		94.6		6.84			5.7			0.04			0.002			0.04	0.08	0.02	0.14		
C1A	13/12/2018	Mid-Ebb	Fine	Moderate	15:32	28	S	1	2	8.19	8.19	33.88	33.88	21.68	21.68	93.8	94.2	6.78	6.81		5.4	5.6		0.04	0.04		0.002	0.002		0.04	0.07	0.02	0.13	0.13	
C1A	13/12/2018	Mid-Ebb	Fine	Moderate	15:32	28	S	1	3																					0.04	0.07	0.02	0.13		
C1A	13/12/2018	Mid-Ebb	Fine	Moderate	15:32	28	M	14	1	8.17		33.92		21.42		91.1		6.58		6.69	6.6			0.04			0.002			0.04	0.08	0.02	0.14		
C1A	13/12/2018	Mid-Ebb	Fine	Moderate	15:32	28	M	14	2	8.18	8.18	33.94	33.93	21.40	21.41	90.6	90.9	6.55	6.57		6.5	6.6	6.6	0.05	0.05	0.05	0.002	0.002	0.002	0.05	0.08	0.02	0.15	0.15	0.15
C1A	13/12/2018	Mid-Ebb	Fine	Moderate	15:32	28	M	14	3																					0.05	0.08	0.02	0.15		
C1A	13/12/2018	Mid-Ebb	Fine	Moderate	15:32	28	B	27	1	8.17		34.00		21.16		88.3		6.38			7.8			0.05			0.002			0.05	0.08	0.03	0.16		
C1A	13/12/2018	Mid-Ebb	Fine	Moderate	15:32	28	B	27	2	8.17	8.17	34.02	34.01	21.15	21.16	87.2	87.8	6.30	6.34		7.3	7.6		0.05	0.05		0.002	0.002		0.05	0.08	0.03	0.16	0.16	
C1A	13/12/2018	Mid-Ebb	Fine	Moderate	15:32	28	B	27	3																					0.05	0.08	0.03	0.16		
C2A	13/12/2018	Mid-Ebb	Fine	Moderate	16:59	13	S	1	1	8.17		33.57		21.87		90.8		6.57			4.4			0.08			0.004			0.08	0.07	0.02	0.17		
C2A	13/12/2018	Mid-Ebb	Fine	Moderate	16:59	13	S	1	2	8.17	8.17	33.57	33.57	21.86	21.87	91.3	91.1	6.61	6.59		4.7	4.6		0.08	0.08		0.004	0.004		0.08	0.07	0.02	0.17	0.17	
C2A	13/12/2018	Mid-Ebb	Fine	Moderate	16:59	13	S	1	3																					0.08	0.08	0.02	0.18		
C2A	13/12/2018	Mid-Ebb	Fine	Moderate	16:59	13	M	6.5	1	8.16		33.63		21.43		87.3		6.31		6.44	5.2			0.09			0.004			0.09	0.08	0.03	0.20		
C2A	13/12/2018	Mid-Ebb	Fine	Moderate	16:59	13	M	6.5	2	8.15	8.16	33.65	33.64	21.45	21.44	86.8	87.1	6.28	6.30		5.7	5.5	5.6	0.10	0.10	0.09	0.005	0.004	0.004	0.10	0.08	0.03	0.21	0.21	0.20
C2A	13/12/2018	Mid-Ebb	Fine	Moderate	16:59	13	M	6.5	3																					0.10	0.08	0.03	0.21		
C2A	13/12/2018	Mid-Ebb	Fine	Moderate	16:59	13	B	12	1	8.15		34.00		21.27		85.4		6.18			6.9			0.10			0.005			0.10	0.08	0.03	0.21		
C2A	13/12/2018	Mid-Ebb	Fine	Moderate	16:59	13	B	12	2	8.15	8.15	33.99	34.00	21.26	21.27	85.8	85.6	6.21	6.20		6.6	6.8		0.10	0.10		0.005	0.005		0.10	0.08	0.03	0.21	0.21	
C2A	13/12/2018	Mid-Ebb	Fine	Moderate	16:59	13	B	12	3																					0.10	0.07	0.03	0.20		
G2	13/12/2018	Mid-Ebb	Fine	Moderate	16:08	12	S	1	1	8.14		33.79		21.80		90.8		6.55			4.4			NA			NA			0.06	0.07	0.02	0.15		
G2	13/12/2018	Mid-Ebb	Fine	Moderate	16:08	12	S	1	2	8.15	8.15	33.80	33.80	21.83	21.82	91.2	91.0	6.58	6.57		4.7	4.6		NA	NA		NA	NA		0.06	0.07	0.02	0.15	0.15	
G2	13/12/2018	Mid-Ebb	Fine	Moderate	16:08	12	S	1	3																					0.05	0.07	0.02	0.14		
G2	13/12/2018	Mid-Ebb	Fine	Moderate	16:08	12	M	6	1	8.14		33.86		21.71		88.4		6.38		6.46	5.1			NA			NA			0.05	0.07	0.02	0.14		
G2	13/12/2018	Mid-Ebb	Fine	Moderate	16:08	12	M	6	2	8.14	8.14	33.85	33.86	21.70	21.71	87.9	88.2	6.34	6.36		5.0	5.1	5.3	NA	NA	NA	NA	NA	NA	0.05	0.08	0.02	0.15	0.15	0.15
G2	13/12/2018	Mid-Ebb	Fine	Moderate	16:08	12	M	6	3																					0.05	0.08	0.02	0.15		
G2	13/12/2018	Mid-Ebb	Fine	Moderate	16:08	12	B	11	1	8.15		33.93		21.59		87.0		6.28			5.9			NA			NA			0.05	0.08	0.02	0.15		
G2	13/12/2018	Mid-Ebb	Fine	Moderate	16:08	12	B	11	2	8.16	8.16	33.95	33.94	21.60	21.60	86.8	86.9	6.26	6.27		6.4	6.2		NA	NA		NA	NA		0.06	0.08	0.02	0.16	0.15	
G2	13/12/2018	Mid-Ebb	Fine	Moderate	16:08	12	B	11	3																					0.05	0.07	0.03	0.15		
SR2	13/12/2018	Mid-Ebb	Fine	Moderate	15:55	9	S	1	1	8.19		32.75		21.73		90.7		6.56			4.0			0.06			0.003			NA	NA	NA	NA		
SR2	13/12/2018	Mid-Ebb	Fine	Moderate	15:55	9	S	1	2	8.19	8.19	32.76	32.76	21.71	21.72	90.3	90.5	6.53	6.55		3.8	3.9		0.06	0.06		0.003	0.003		NA	NA	NA	NA	NA	
SR2	13/12/2018	Mid-Ebb	Fine	Moderate	15:55	9	S	1	3																					NA	NA	NA	NA		
SR2	13/12/2018	Mid-Ebb	Fine	Moderate	15:55	9	M	4.5	1	8.20		32.82		21.65		88.4		6.39		6.48	5.4			0.06			0.003			NA	NA	NA	NA		
SR2	13/12/2018	Mid-Ebb	Fine	Moderate	15:55	9	M	4.5	2	8.20	8.20	32.86	32.84	21.67	21.66	89.0	88.7	6.43	6.41		5.7	5.6	5.2	0.06	0.06	0.06	0.003	0.003	0.003	NA	NA	NA	NA	NA	NA
SR2	13/12/2018	Mid-Ebb	Fine	Moderate	15:55	9	M	4.5	3																					NA	NA	NA	NA		
SR2	13/12/2018	Mid-Ebb	Fine	Moderate	15:55	9	B	8	1	8.19		33.89		21.60		87.6		6.33			6.3			0.07			0.004			NA	NA	NA	NA		
SR2	13/12/2018	Mid-Ebb	Fine	Moderate	15:55	9	B	8	2	8.18	8.19	33.90	33.90	21.58	21.59	87.1	87.4	6.30	6.32		6.0	6.2		0.07	0.07		0.004	0.004		NA	NA	NA	NA	NA	
SR2	13/12/2018	Mid-Ebb	Fine	Moderate	15:55	9	B	8	3																					NA	NA	NA	NA		
SR3	13/12/2018	Mid-Ebb	Fine	Moderate	16:18	8	S	1	1	8.12		33.69		21.88		84.0		6.06			4.7			0.10			0.005			NA	NA	NA	NA		
SR3	13/12/2018	Mid-Ebb	Fine	Moderate	16:18	8	S	1	2	8.12	8.12	33.70	33.70	21.86	21.87	84.3	84.2	6.08	6.07		5.2	5.0		0.12	0.11		0.005	0.005		NA	NA	NA	NA	NA	
SR3	13/12/2018	Mid-Ebb	Fine	Moderate	16:18	8	S	1	3																					NA	NA	NA	NA		
SR3	13/12/2018	Mid-Ebb	Fine	Moderate	16:18	8	M	4	1	8.11		33.77		21.83		82.1		5.92		6.00	5.9			0.12			0.005			NA	NA	NA	NA		
SR3	13/12/2018	Mid-Ebb	Fine	Moderate	16:18	8	M	4	2	8.10	8.11	33.79	33.78	21.84	21.84	82.7	82.4	5.96	5.94		6.3	6.1	5.9	0.12	0.12	0.12	0.005	0.005	0.005	NA	NA	NA	NA	NA	NA
SR3	13/12/2018	Mid-Ebb	Fine	Moderate	16:18	8	M	4	3																					NA	NA	NA	NA		
SR3	13/12/2018	Mid-Ebb	Fine	Moderate	16:18	8	B	7	1	8.13		33.84		21.78		80.8		5.82			6.8			0.12			0.005			NA	NA	NA	NA		
SR3	13/12/2018	Mid-Ebb	Fine	Moderate	16:18	8	B	7	2	8.12	8.13	33.83	33.84	21.76	21.77	80.4	80.6	5.80	5.81		6.6	6.7		0.12	0.12		0.005	0.005		NA	NA	NA	NA	NA	
SR3	13/12/2018	Mid-Ebb	Fine	Moderate	16:18	8	B	7	3																					NA	NA	NA	NA		
SR4	13/12/2018	Mid-Ebb	Fine	Moderate	16:26	4	S	1	1	8.13		33.53		21.90		83.6		6.05			5.9			0.13			0.006			NA	NA	NA	NA		
SR4	13/12/2018	Mid-Ebb	Fine	Moderate	16:26	4	S	1	2	8.12	8.13	33.52	33.53	21.88	21.89	84.2	83.9	6.10	6.08		6.3	6.1		0.13	0.13		0.006	0.006		NA	NA	NA	NA	NA	
SR4	13/12/2018	Mid-Ebb	Fine	Moderate	16:26	4	S	1	3																					NA	NA	NA	NA		
SR4	13/12/2018	Mid-Ebb	Fine	Moderate	16:26	4	M		1											6.08										NA	NA	NA	NA		
SR4	13/12/2018	Mid-Ebb	Fine	Moderate	16:26	4	M		2		NA		NA		NA		NA		NA			NA	6.4		NA	0.12		NA	0.005	NA	NA	NA	NA	NA	NA
SR4	13/12/2018	Mid-Ebb	Fine	Moderate	16:26	4	M		3																					NA	NA	NA	NA		
SR4	13/12/2018	Mid-Ebb	Fine	Moderate	16:26	4	B	3	1	8.12		33.56		21.73		82.7		5.99			6.8			0.11			0.005			NA	NA	NA	NA		
SR4	13/12/2018	Mid-Ebb	Fine	Moderate	16:26	4	B	3	2	8.12	8.12	33.56	33.56	21.72	21.73	82.4	82.6	5.97	5.98		6.6	6.7		0.11	0.11		0.005	0.005		NA	NA	NA	NA	NA	
SR4	13/12/2018	Mid-Ebb	Fine	Moderate	16:26	4	B	3	3																					NA	NA	NA	NA		

Impact Monitoring Data

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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR5	13/12/2018	Mid-Ebb	Fine	Moderate	15:44	11	S	1	1	8.18		33.82		21.71		94.2		6.81			5.2			NA			NA			0.03	0.07	0.02	0.12		
SR5	13/12/2018	Mid-Ebb	Fine	Moderate	15:44	11	S	1	2	8.18	8.18	33.85	33.84	21.70	21.71	94.0	94.1	6.80	6.81		4.8	5.0		NA	NA		NA	NA		0.03	0.07	0.02	0.12	0.12	
SR5	13/12/2018	Mid-Ebb	Fine	Moderate	15:44	11	S	1	3											6.77										0.03	0.07	0.02	0.12		
SR5	13/12/2018	Mid-Ebb	Fine	Moderate	15:44	11	M	5.5	1	8.19		33.87		21.61		93.7		6.74			5.7			NA			NA			0.03	0.07	0.02	0.12		
SR5	13/12/2018	Mid-Ebb	Fine	Moderate	15:44	11	M	5.5	2	8.18	8.19	33.88	33.88	21.59	21.60	92.8	93.3	6.71	6.73		5.9	5.8	6.0	NA	NA	NA	NA	NA	NA	0.03	0.07	0.02	0.12	0.12	0.13
SR5	13/12/2018	Mid-Ebb	Fine	Moderate	15:44	11	M	5.5	3																					0.03	0.07	0.02	0.12		
SR5	13/12/2018	Mid-Ebb	Fine	Moderate	15:44	11	B	10	1	8.17		33.94		21.52		90.7		6.56			6.8			NA			NA			0.04	0.08	0.02	0.14		
SR5	13/12/2018	Mid-Ebb	Fine	Moderate	15:44	11	B	10	2	8.18	8.18	33.95	33.95	21.50	21.51	91.3	91.0	6.60	6.58		7.3	7.1		NA	NA		NA	NA		0.04	0.08	0.03	0.15	0.15	
SR5	13/12/2018	Mid-Ebb	Fine	Moderate	15:44	11	B	10	3																					0.04	0.08	0.03	0.15		
SR12	13/12/2018	Mid-Ebb	Fine	Moderate	16:36	15	S	1	1	8.15		33.47		21.89		84.6		6.13			5.4			0.12			0.006			NA	NA	NA	NA		
SR12	13/12/2018	Mid-Ebb	Fine	Moderate	16:36	15	S	1	2	8.14	8.15	33.46	33.47	21.90	21.90	84.9	84.8	6.15	6.14		5.0	5.2		0.12	0.12		0.006	0.006		NA	NA	NA	NA	NA	
SR12	13/12/2018	Mid-Ebb	Fine	Moderate	16:36	15	S	1	3											6.04										NA	NA	NA	NA		
SR12	13/12/2018	Mid-Ebb	Fine	Moderate	16:36	15	M	7.5	1	8.14		33.52		21.82		82.3		5.96			6.4			0.12			0.006			NA	NA	NA	NA		
SR12	13/12/2018	Mid-Ebb	Fine	Moderate	16:36	15	M	7.5	2	8.14	8.14	33.54	33.53	21.80	21.81	81.8	82.1	5.92	5.94		6.6	6.5	6.4	0.12	0.12	0.12	0.006	0.006	0.006	NA	NA	NA	NA	NA	NA
SR12	13/12/2018	Mid-Ebb	Fine	Moderate	16:36	15	M	7.5	3																					NA	NA	NA	NA		
SR12	13/12/2018	Mid-Ebb	Fine	Moderate	16:36	15	B	14	1	8.15		33.73		21.65		79.8		5.78			7.3			0.13			0.006			NA	NA	NA	NA		
SR12	13/12/2018	Mid-Ebb	Fine	Moderate	16:36	15	B	14	2	8.16	8.16	33.71	33.72	21.66	21.66	80.5	80.2	5.83	5.81		7.9	7.6		0.13	0.13		0.006	0.006		NA	NA	NA	NA	NA	
SR12	13/12/2018	Mid-Ebb	Fine	Moderate	16:36	15	B	14	3																					NA	NA	NA	NA		
SR13	13/12/2018	Mid-Ebb	Fine	Moderate	16:47	14	S	1	1	8.15		33.44		21.97		85.9		6.22			4.9			NA			NA			NA	NA	NA	NA		
SR13	13/12/2018	Mid-Ebb	Fine	Moderate	16:47	14	S	1	2	8.15	8.15	33.43	33.44	21.96	21.97	86.2	86.1	6.24	6.23		4.6	4.8		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	13/12/2018	Mid-Ebb	Fine	Moderate	16:47	14	S	1	3											6.14										NA	NA	NA	NA		
SR13	13/12/2018	Mid-Ebb	Fine	Moderate	16:47	14	M	7	1	8.13		33.62		21.73		83.4		6.04			5.5			NA			NA			NA	NA	NA	NA		
SR13	13/12/2018	Mid-Ebb	Fine	Moderate	16:47	14	M	7	2	8.14	8.14	33.64	33.63	21.71	21.72	83.8	83.6	6.07	6.06		5.9	5.7	5.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	13/12/2018	Mid-Ebb	Fine	Moderate	16:47	14	M	7	3																					NA	NA	NA	NA		
SR13	13/12/2018	Mid-Ebb	Fine	Moderate	16:47	14	B	13	1	8.14		33.89		21.54		81.3		5.89			6.8			NA			NA			NA	NA	NA	NA		
SR13	13/12/2018	Mid-Ebb	Fine	Moderate	16:47	14	B	13	2	8.14	8.14	33.89	33.89	21.56	21.55	81.9	81.6	5.93	5.91		7.2	7.0		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	13/12/2018	Mid-Ebb	Fine	Moderate	16:47	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
1 in calculating the geometric mean.

Impact Monitoring Data

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	13/12/2018	Mid-Ebb	Fine	Moderate	15:32	28	S	1	1	5			0.04			0.002			0.04	0.04	0.02	0.10			13			NA			<1		
C1A	13/12/2018	Mid-Ebb	Fine	Moderate	15:32	28	S	1	2	4	4		0.04	0.04		0.002	0.002		0.04	0.04	0.02	0.10	0.10		22	17		NA	NA		<1	1	
C1A	13/12/2018	Mid-Ebb	Fine	Moderate	15:32	28	S	1	3										0.04	0.04	0.01	0.09											
C1A	13/12/2018	Mid-Ebb	Fine	Moderate	15:32	28	M	14	1	5			0.04			0.002			0.04	0.05	0.01	0.10			35			NA			<1		
C1A	13/12/2018	Mid-Ebb	Fine	Moderate	15:32	28	M	14	2	5	5	5	0.04	0.04	0.04	0.002	0.002	0.002	0.04	0.05	0.01	0.10	0.10	0.10	21	27	9	NA	NA	NA	<1	1	1
C1A	13/12/2018	Mid-Ebb	Fine	Moderate	15:32	28	M	14	3										0.04	0.05	<0.01	0.10											
C1A	13/12/2018	Mid-Ebb	Fine	Moderate	15:32	28	B	27	1	5			0.04			0.002			0.04	0.05	0.01	0.10			1			NA			<1		
C1A	13/12/2018	Mid-Ebb	Fine	Moderate	15:32	28	B	27	2	5	5		0.04	0.04		0.002	0.002		0.04	0.06	<0.01	0.11	0.10		2	1		NA	NA		<1	1	
C1A	13/12/2018	Mid-Ebb	Fine	Moderate	15:32	28	B	27	3										0.04	0.05	<0.01	0.10											
C2A	13/12/2018	Mid-Ebb	Fine	Moderate	16:59	13	S	1	1	5			0.08			0.004			0.08	0.05	0.01	0.14			1			NA			1		
C2A	13/12/2018	Mid-Ebb	Fine	Moderate	16:59	13	S	1	2	5	5		0.08	0.08		0.004	0.004		0.08	0.05	<0.01	0.14	0.14		ND	1		NA	NA		1	1	
C2A	13/12/2018	Mid-Ebb	Fine	Moderate	16:59	13	S	1	3										0.08	0.04	0.01	0.13											
C2A	13/12/2018	Mid-Ebb	Fine	Moderate	16:59	13	M	6.5	1	6			0.08			0.004			0.08	0.04	0.02	0.14			ND			NA			<1		
C2A	13/12/2018	Mid-Ebb	Fine	Moderate	16:59	13	M	6.5	2	5	6	6	0.08	0.08	0.08	0.004	0.004	0.004	0.08	0.04	0.01	0.13	0.14	0.14	2	1	1	NA	NA	NA	1	1	1
C2A	13/12/2018	Mid-Ebb	Fine	Moderate	16:59	13	M	6.5	3										0.08	0.06	<0.01	0.15											
C2A	13/12/2018	Mid-Ebb	Fine	Moderate	16:59	13	B	12	1	5			0.08			0.004			0.08	0.05	0.01	0.14			2			NA			1		
C2A	13/12/2018	Mid-Ebb	Fine	Moderate	16:59	13	B	12	2	6	6		0.08	0.08		0.004	0.004		0.08	0.04	0.02	0.14	0.14		2	2		NA	NA		1	1	
C2A	13/12/2018	Mid-Ebb	Fine	Moderate	16:59	13	B	12	3										0.09	0.04	0.02	0.15											
G2	13/12/2018	Mid-Ebb	Fine	Moderate	16:08	12	S	1	1	5			NA			NA			0.05	0.06	<0.01	0.12			NA			NA			NA		
G2	13/12/2018	Mid-Ebb	Fine	Moderate	16:08	12	S	1	2	5	5		NA	NA		NA	NA		0.05	0.06	<0.01	0.12	0.12		NA	NA		NA	NA		NA	NA	
G2	13/12/2018	Mid-Ebb	Fine	Moderate	16:08	12	S	1	3										0.05	0.06	<0.01	0.12											
G2	13/12/2018	Mid-Ebb	Fine	Moderate	16:08	12	M	6	1	5			NA			NA			0.04	0.05	0.01	0.10			NA			NA			NA		
G2	13/12/2018	Mid-Ebb	Fine	Moderate	16:08	12	M	6	2	4	5	5	NA	NA	NA	NA	NA	NA	0.05	0.06	<0.01	0.12	0.11	0.11	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	13/12/2018	Mid-Ebb	Fine	Moderate	16:08	12	M	6	3										0.05	0.05	<0.01	0.11											
G2	13/12/2018	Mid-Ebb	Fine	Moderate	16:08	12	B	11	1	5			NA			NA			0.04	0.05	<0.01	0.10			NA			NA			NA		
G2	13/12/2018	Mid-Ebb	Fine	Moderate	16:08	12	B	11	2	5	5		NA	NA		NA	NA		0.05	0.06	<0.01	0.12	0.11		NA	NA		NA	NA		NA	NA	
G2	13/12/2018	Mid-Ebb	Fine	Moderate	16:08	12	B	11	3										0.04	0.06	<0.01	0.11											
SR2	13/12/2018	Mid-Ebb	Fine	Moderate	15:55	9	S	1	1	4			0.06			0.003			NA	NA	NA	NA			NA			NA			NA		
SR2	13/12/2018	Mid-Ebb	Fine	Moderate	15:55	9	S	1	2	4	4		0.06	0.06		0.003	0.003		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	13/12/2018	Mid-Ebb	Fine	Moderate	15:55	9	S	1	3										NA	NA	NA	NA											
SR2	13/12/2018	Mid-Ebb	Fine	Moderate	15:55	9	M	4.5	1	4			0.06			0.003			NA	NA	NA	NA			NA			NA			NA		
SR2	13/12/2018	Mid-Ebb	Fine	Moderate	15:55	9	M	4.5	2	4	4	4	0.06	0.06	0.06	0.003	0.003	0.003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	13/12/2018	Mid-Ebb	Fine	Moderate	15:55	9	M	4.5	3										NA	NA	NA	NA											
SR2	13/12/2018	Mid-Ebb	Fine	Moderate	15:55	9	B	8	1	4			0.06			0.003			NA	NA	NA	NA			NA			NA			NA		
SR2	13/12/2018	Mid-Ebb	Fine	Moderate	15:55	9	B	8	2	4	4		0.07	0.07		0.004	0.003		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	13/12/2018	Mid-Ebb	Fine	Moderate	15:55	9	B	8	3										NA	NA	NA	NA											
SR3	13/12/2018	Mid-Ebb	Fine	Moderate	16:18	8	S	1	1	8			0.10			0.005			NA	NA	NA	NA			NA			NA			NA		
SR3	13/12/2018	Mid-Ebb	Fine	Moderate	16:18	8	S	1	2	9	8		0.10	0.10		0.005	0.005		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	13/12/2018	Mid-Ebb	Fine	Moderate	16:18	8	S	1	3										NA	NA	NA	NA											
SR3	13/12/2018	Mid-Ebb	Fine	Moderate	16:18	8	M	4	1	7			0.10			0.004			NA	NA	NA	NA			NA			NA			NA		
SR3	13/12/2018	Mid-Ebb	Fine	Moderate	16:18	8	M	4	2	8	8	8	0.10	0.10	0.10	0.004	0.004	0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	13/12/2018	Mid-Ebb	Fine	Moderate	16:18	8	M	4	3										NA	NA	NA	NA											
SR3	13/12/2018	Mid-Ebb	Fine	Moderate	16:18	8	B	7	1	8			0.11			0.005			NA	NA	NA	NA			NA			NA			NA		
SR3	13/12/2018	Mid-Ebb	Fine	Moderate	16:18	8	B	7	2	8	8		0.10	0.11		0.005	0.005		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	13/12/2018	Mid-Ebb	Fine	Moderate	16:18	8	B	7	3										NA	NA	NA	NA											
SR4	13/12/2018	Mid-Ebb	Fine	Moderate	16:26	4	S	1	1	8			0.11			0.005			NA	NA	NA	NA			5			NA			<1		
SR4	13/12/2018	Mid-Ebb	Fine	Moderate	16:26	4	S	1	2	9	9		0.11	0.11		0.005	0.005		NA	NA	NA	NA	NA		11	7		NA	NA		<1	1	
SR4	13/12/2018	Mid-Ebb	Fine	Moderate	16:26	4	S	1	3										NA	NA	NA	NA											
SR4	13/12/2018	Mid-Ebb	Fine	Moderate	16:26	4	M		1										NA	NA	NA	NA						NA					
SR4	13/12/2018	Mid-Ebb	Fine	Moderate	16:26	4	M		2		NA	8		NA	0.11		NA	0.005	NA	NA	NA	NA	NA	NA		NA	13	NA	NA	NA		NA	1
SR4	13/12/2018	Mid-Ebb	Fine	Moderate	16:26	4	M		3										NA	NA	NA	NA											
SR4	13/12/2018	Mid-Ebb	Fine	Moderate	16:26	4	B	3	1	8			0.11			0.005			NA	NA	NA	NA			17			NA			<1		
SR4	13/12/2018	Mid-Ebb	Fine	Moderate	16:26	4	B	3	2	8	8		0.11	0.11		0.005	0.005		NA	NA	NA	NA	NA		31	23		NA	NA		<1	1	
SR4	13/12/2018	Mid-Ebb	Fine	Moderate	16:26	4	B	3	3										NA	NA	NA	NA											

Impact Monitoring Data

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.
SR5	13/12/2018	Mid-Ebb	Fine	Moderate	15:44	11	S	1	1	5			NA			NA			0.03	0.03	0.01	0.07			NA			NA			NA		
SR5	13/12/2018	Mid-Ebb	Fine	Moderate	15:44	11	S	1	2	4	5		NA	NA		NA	NA		0.03	0.04	<0.01	0.08	0.07		NA	NA		NA	NA		NA	NA	
SR5	13/12/2018	Mid-Ebb	Fine	Moderate	15:44	11	S	1	3										0.03	0.03	<0.01	0.07											
SR5	13/12/2018	Mid-Ebb	Fine	Moderate	15:44	11	M	5.5	1	5			NA			NA			0.03	0.04	<0.01	0.08			NA			NA			NA		
SR5	13/12/2018	Mid-Ebb	Fine	Moderate	15:44	11	M	5.5	2	5	5	5	NA	NA	NA	NA	NA	NA	0.03	0.04	<0.01	0.08	0.08	0.08	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	13/12/2018	Mid-Ebb	Fine	Moderate	15:44	11	M	5.5	3										0.03	0.04	<0.01	0.08											
SR5	13/12/2018	Mid-Ebb	Fine	Moderate	15:44	11	B	10	1	6			NA			NA			0.03	0.04	<0.01	0.08			NA			NA			NA		
SR5	13/12/2018	Mid-Ebb	Fine	Moderate	15:44	11	B	10	2	5	6		NA	NA		NA	NA		0.03	0.04	<0.01	0.08	0.08		NA	NA		NA	NA		NA	NA	
SR5	13/12/2018	Mid-Ebb	Fine	Moderate	15:44	11	B	10	3										0.03	0.03	0.01	0.07											
SR12	13/12/2018	Mid-Ebb	Fine	Moderate	16:36	15	S	1	1	8			0.11			0.005			NA	NA	NA	NA			39			NA			<1		
SR12	13/12/2018	Mid-Ebb	Fine	Moderate	16:36	15	S	1	2	8	8		0.11	0.11		0.005	0.005		NA	NA	NA	NA	NA		29	34		NA	NA		<1	1	
SR12	13/12/2018	Mid-Ebb	Fine	Moderate	16:36	15	S	1	3										NA	NA	NA	NA											
SR12	13/12/2018	Mid-Ebb	Fine	Moderate	16:36	15	M	7.5	1	8			0.11			0.005			NA	NA	NA	NA			23			NA			<1		
SR12	13/12/2018	Mid-Ebb	Fine	Moderate	16:36	15	M	7.5	2	9	9	9	0.11	0.11	0.11	0.005	0.005	0.005	NA	NA	NA	NA	NA	NA	15	19	33	NA	NA	NA	<1	1	1
SR12	13/12/2018	Mid-Ebb	Fine	Moderate	16:36	15	M	7.5	3										NA	NA	NA	NA											
SR12	13/12/2018	Mid-Ebb	Fine	Moderate	16:36	15	B	14	1	10			0.11			0.005			NA	NA	NA	NA			44			NA			<1		
SR12	13/12/2018	Mid-Ebb	Fine	Moderate	16:36	15	B	14	2	8	9		0.11	0.11		0.005	0.005		NA	NA	NA	NA	NA		76	58		NA	NA		<1	1	
SR12	13/12/2018	Mid-Ebb	Fine	Moderate	16:36	15	B	14	3										NA	NA	NA	NA											
SR13	13/12/2018	Mid-Ebb	Fine	Moderate	16:47	14	S	1	1	6			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	13/12/2018	Mid-Ebb	Fine	Moderate	16:47	14	S	1	2	6	6		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	13/12/2018	Mid-Ebb	Fine	Moderate	16:47	14	S	1	3										NA	NA	NA	NA											
SR13	13/12/2018	Mid-Ebb	Fine	Moderate	16:47	14	M	7	1	7			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	13/12/2018	Mid-Ebb	Fine	Moderate	16:47	14	M	7	2	6	6	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	13/12/2018	Mid-Ebb	Fine	Moderate	16:47	14	M	7	3										NA	NA	NA	NA											
SR13	13/12/2018	Mid-Ebb	Fine	Moderate	16:47	14	B	13	1	6			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	13/12/2018	Mid-Ebb	Fine	Moderate	16:47	14	B	13	2	5	6		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	13/12/2018	Mid-Ebb	Fine	Moderate	16:47	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
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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.						
C1A	15/12/2018	Mid-Flood	Fine	Moderate	9:30	28	S	1	1	8.16		33.82		21.29		89.2		6.49			1.7			0.07			0.003			0.07	0.08	0.02	0.17		
C1A	15/12/2018	Mid-Flood	Fine	Moderate	9:30	28	S	1	2	8.16	8.16	33.83	33.83	21.28	21.29	89.0	89.1	6.47	6.48		1.6	1.7		0.07	0.07		0.003	0.003		0.07	0.08	0.02	0.17	0.17	
C1A	15/12/2018	Mid-Flood	Fine	Moderate	9:30	28	S	1	3											6.51										0.07	0.08	0.02	0.17		
C1A	15/12/2018	Mid-Flood	Fine	Moderate	9:30	28	M	14	1	8.18		33.94		21.21		89.9		6.54			2.6			0.06			0.003			0.06	0.08	0.02	0.16		
C1A	15/12/2018	Mid-Flood	Fine	Moderate	9:30	28	M	14	2	8.18	8.18	33.95	33.95	21.24	21.23	89.9	89.9	6.54	6.54		2.7	2.7	2.6	0.06	0.06	0.08	0.003	0.003	0.004	0.06	0.09	0.02	0.17	0.17	0.19
C1A	15/12/2018	Mid-Flood	Fine	Moderate	9:30	28	M	14	3																					0.06	0.09	0.02	0.17		
C1A	15/12/2018	Mid-Flood	Fine	Moderate	9:30	28	B	27	1	8.18		34.02		21.16		89.5		6.50			3.4			0.10			0.005			0.10	0.09	0.03	0.22		
C1A	15/12/2018	Mid-Flood	Fine	Moderate	9:30	28	B	27	2	8.19	8.19	34.05	34.04	21.15	21.16	89.4	89.5	6.50	6.50		3.6	3.5		0.09	0.10		0.004	0.005		0.09	0.09	0.03	0.21	0.22	
C1A	15/12/2018	Mid-Flood	Fine	Moderate	9:30	28	B	27	3																					0.10	0.10	0.03	0.23		
C2A	15/12/2018	Mid-Flood	Fine	Moderate	11:06	13	S	1	1	8.08		33.50		21.42		87.0		6.33			4.0			0.12			0.005			0.12	0.08	0.02	0.22		
C2A	15/12/2018	Mid-Flood	Fine	Moderate	11:06	13	S	1	2	8.08	8.08	33.52	33.51	21.40	21.41	87.0	87.0	6.33	6.33		4.1	4.1		0.12	0.12		0.005	0.005		0.12	0.08	0.02	0.22	0.22	
C2A	15/12/2018	Mid-Flood	Fine	Moderate	11:06	13	S	1	3											6.32										0.12	0.08	0.02	0.22		
C2A	15/12/2018	Mid-Flood	Fine	Moderate	11:06	13	M	6.5	1	8.09		33.54		21.38		86.8		6.31			3.9			0.21			0.009			0.21	0.08	0.03	0.32		
C2A	15/12/2018	Mid-Flood	Fine	Moderate	11:06	13	M	6.5	2	8.09	8.09	33.55	33.55	21.39	21.39	86.7	86.8	6.30	6.31		3.8	3.9	3.8	0.21	0.21	0.16	0.009	0.009	0.006	0.21	0.09	0.03	0.33	0.33	0.27
C2A	15/12/2018	Mid-Flood	Fine	Moderate	11:06	13	M	6.5	3																					0.22	0.09	0.03	0.34		
C2A	15/12/2018	Mid-Flood	Fine	Moderate	11:06	13	B	12	1	8.11		33.62		21.32		88.1		6.41			3.5			0.14			0.006			0.14	0.08	0.03	0.25		
C2A	15/12/2018	Mid-Flood	Fine	Moderate	11:06	13	B	12	2	8.11	8.11	33.63	33.63	21.30	21.31	88.0	88.1	6.41	6.41		3.3	3.4		0.14	0.14		0.006	0.006		0.14	0.08	0.03	0.25	0.25	
C2A	15/12/2018	Mid-Flood	Fine	Moderate	11:06	13	B	12	3																					0.14	0.08	0.03	0.25		
G2	15/12/2018	Mid-Flood	Fine	Moderate	10:04	12	S	1	1	8.13		33.82		21.29		89.4		6.51			1.4			NA			NA			0.09	0.07	0.03	0.19		
G2	15/12/2018	Mid-Flood	Fine	Moderate	10:04	12	S	1	2	8.13	8.13	33.83	33.83	21.30	21.30	89.3	89.4	6.50	6.51		1.2	1.3		NA	NA		NA	NA		0.09	0.08	0.03	0.20	0.20	
G2	15/12/2018	Mid-Flood	Fine	Moderate	10:04	12	S	1	3											6.53										0.09	0.08	0.03	0.20		
G2	15/12/2018	Mid-Flood	Fine	Moderate	10:04	12	M	6	1	8.17		33.88		21.29		90.0		6.54			2.4			NA			NA			0.10	0.08	0.03	0.21		
G2	15/12/2018	Mid-Flood	Fine	Moderate	10:04	12	M	6	2	8.17	8.17	33.89	33.89	21.33	21.31	90.2	90.1	6.56	6.55		2.5	2.5	2.1	NA	NA	NA	NA	NA	NA	0.10	0.08	0.03	0.21	0.21	0.21
G2	15/12/2018	Mid-Flood	Fine	Moderate	10:04	12	M	6	3																					0.10	0.08	0.03	0.21		
G2	15/12/2018	Mid-Flood	Fine	Moderate	10:04	12	B	11	1	8.17		33.99		21.38		89.9		6.54			2.5			NA			NA			0.09	0.08	0.04	0.21		
G2	15/12/2018	Mid-Flood	Fine	Moderate	10:04	12	B	11	2	8.17	8.17	34.02	34.01	21.39	21.39	89.6	89.8	6.52	6.53		2.3	2.4		NA	NA		NA	NA		0.10	0.08	0.04	0.22	0.22	
G2	15/12/2018	Mid-Flood	Fine	Moderate	10:04	12	B	11	3																					0.10	0.08	0.04	0.22		
SR2	15/12/2018	Mid-Flood	Fine	Moderate	9:53	8	S	1	1	8.18		33.80		21.32		90.1		6.56			2.4			0.05			0.002			NA	NA	NA	NA		
SR2	15/12/2018	Mid-Flood	Fine	Moderate	9:53	8	S	1	2	8.19	8.19	33.81	33.81	21.33	21.33	90.2	90.2	6.57	6.57		2.1	2.3		0.05	0.05		0.002	0.002		NA	NA	NA	NA	NA	
SR2	15/12/2018	Mid-Flood	Fine	Moderate	9:53	8	S	1	3											6.57										NA	NA	NA	NA		
SR2	15/12/2018	Mid-Flood	Fine	Moderate	9:53	8	M	4	1	8.17		33.88		21.30		90.2		6.57			2.5			0.06			0.003			NA	NA	NA	NA		
SR2	15/12/2018	Mid-Flood	Fine	Moderate	9:53	8	M	4	2	8.17	8.17	33.87	33.88	21.28	21.29	90.5	90.4	6.59	6.58		2.4	2.5	2.5	0.06	0.06	0.05	0.003	0.003	0.003	NA	NA	NA	NA	NA	NA
SR2	15/12/2018	Mid-Flood	Fine	Moderate	9:53	8	M	4	3																					NA	NA	NA	NA		
SR2	15/12/2018	Mid-Flood	Fine	Moderate	9:53	8	B	7	1	8.18		33.92		21.31		89.8		6.55			2.8			0.05			0.002			NA	NA	NA	NA		
SR2	15/12/2018	Mid-Flood	Fine	Moderate	9:53	8	B	7	2	8.18	8.18	33.93	33.93	21.29	21.30	89.6	89.7	6.52	6.54		2.5	2.7		0.05	0.05		0.002	0.002		NA	NA	NA	NA	NA	
SR2	15/12/2018	Mid-Flood	Fine	Moderate	9:53	8	B	7	3																					NA	NA	NA	NA		
SR3	15/12/2018	Mid-Flood	Fine	Moderate	10:10	7	S	1	1	8.14		33.66		21.43		85.9		6.24			2.8			0.12			0.005			NA	NA	NA	NA		
SR3	15/12/2018	Mid-Flood	Fine	Moderate	10:10	7	S	1	2	8.14	8.14	33.66	33.66	21.43	21.43	85.8	85.9	6.23	6.24		2.7	2.8		0.12	0.12		0.005	0.005		NA	NA	NA	NA	NA	
SR3	15/12/2018	Mid-Flood	Fine	Moderate	10:10	7	S	1	3											6.27										NA	NA	NA	NA		
SR3	15/12/2018	Mid-Flood	Fine	Moderate	10:10	7	M	3.5	1	8.14		33.69		21.39		87.0		6.32			2.6			0.12			0.006			NA	NA	NA	NA		
SR3	15/12/2018	Mid-Flood	Fine	Moderate	10:10	7	M	3.5	2	8.14	8.14	33.70	33.70	21.61	21.50	86.9	87.0	6.30	6.31		2.5	2.6	2.6	0.12	0.12	0.13	0.006	0.006	0.006	NA	NA	NA	NA	NA	NA
SR3	15/12/2018	Mid-Flood	Fine	Moderate	10:10	7	M	3.5	3																					NA	NA	NA	NA		
SR3	15/12/2018	Mid-Flood	Fine	Moderate	10:10	7	B	6	1	8.16		33.74		21.4		87.7		6.38			2.5			0.14			0.007			NA	NA	NA	NA		
SR3	15/12/2018	Mid-Flood	Fine	Moderate	10:10	7	B	6	2	8.16	8.16	33.75	33.75	21.4	21.37	87.1	87.4	6.37	6.38		2.5	2.5		0.14	0.14		0.007	0.007		NA	NA	NA	NA	NA	
SR3	15/12/2018	Mid-Flood	Fine	Moderate	10:10	7	B	6	3																					NA	NA	NA	NA		
SR4	15/12/2018	Mid-Flood	Fine	Moderate	10:21	4	S	1	1	8.11		33.57		21.54		79.4		5.75			4.0			0.13			0.006			NA	NA	NA	NA		
SR4	15/12/2018	Mid-Flood	Fine	Moderate	10:21	4	S	1	2	8.12	8.12	33.58	33.58	21.52	21.53	79.6	79.5	5.77	5.76		4.1	4.1		0.13	0.13		0.006	0.006		NA	NA	NA	NA	NA	
SR4	15/12/2018	Mid-Flood	Fine	Moderate	10:21	4	S	1	3											5.76										NA	NA	NA	NA		
SR4	15/12/2018	Mid-Flood	Fine	Moderate	10:21	4	M		1																					NA	NA	NA	NA		
SR4	15/12/2018	Mid-Flood	Fine	Moderate	10:21	4	M		2		NA		NA		NA		NA		NA			NA	3.8		NA	0.16		NA	0.007	NA	NA	NA	NA	NA	NA
SR4	15/12/2018	Mid-Flood	Fine	Moderate	10:21	4	M		3																					NA	NA	NA	NA		
SR4	15/12/2018	Mid-Flood	Fine	Moderate	10:21	4	B	3	1	8.12		33.68		21.54		81.0		5.88			3.6			0.19			0.008			NA	NA	NA	NA		
SR4	15/12/2018	Mid-Flood	Fine	Moderate	10:21	4	B	3	2	8.12	8.12	33.69	33.69	21.57	21.56	80.9	81.0	5.87	5.88		3.5	3.6		0.19	0.19		0.008	0.008		NA	NA	NA	NA	NA	
SR4	15/12/2018	Mid-Flood	Fine	Moderate	10:21	4	B	3	3																					NA	NA	NA	NA		

Impact Monitoring Data

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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR5	15/12/2018	Mid-Flood	Fine	Moderate	9:41	11	S	1	1	8.17		33.82		21.31		89.8		6.53			3.2			NA			NA			0.08	0.04	0.02	0.14		
SR5	15/12/2018	Mid-Flood	Fine	Moderate	9:41	11	S	1	2	8.16	8.17	33.83	33.83	21.29	21.30	89.7	89.8	6.51	6.52		3.0	3.1		NA	NA		NA	NA		0.08	0.05	0.02	0.15	0.15	
SR5	15/12/2018	Mid-Flood	Fine	Moderate	9:41	11	S	1	3											6.53										0.10	0.05	0.02	0.17		
SR5	15/12/2018	Mid-Flood	Fine	Moderate	9:41	11	M	5.5	1	8.17		33.86		21.25		90.1		6.55			3.5			NA			NA			0.07	0.05	0.03	0.15		
SR5	15/12/2018	Mid-Flood	Fine	Moderate	9:41	11	M	5.5	2	8.17	8.17	33.88	33.87	21.24	21.25	90.0	90.1	6.54	6.55		3.2	3.4	3.1	NA	NA	NA	NA	NA	NA	0.07	0.05	0.02	0.14	0.15	0.16
SR5	15/12/2018	Mid-Flood	Fine	Moderate	9:41	11	M	5.5	3																					0.07	0.05	0.03	0.15		
SR5	15/12/2018	Mid-Flood	Fine	Moderate	9:41	11	B	10	1	8.17		33.96		21.21		89.6		6.50			3.1			NA			NA			0.11	0.05	0.03	0.19		
SR5	15/12/2018	Mid-Flood	Fine	Moderate	9:41	11	B	10	2	8.18	8.18	33.94	33.95	21.18	21.20	89.5	89.6	6.51	6.51		2.8	3.0		NA	NA		NA	NA		0.11	0.05	0.03	0.19	0.19	
SR5	15/12/2018	Mid-Flood	Fine	Moderate	9:41	11	B	10	3																					0.11	0.05	0.03	0.19		
SR12	15/12/2018	Mid-Flood	Fine	Moderate	10:37	15	S	1	1	8.10		33.52		21.51		79.8		5.80			3.3			0.19			0.008			NA	NA	NA	NA		
SR12	15/12/2018	Mid-Flood	Fine	Moderate	10:37	15	S	1	2	8.10	8.10	33.53	33.53	21.51	21.51	79.9	79.9	5.81	5.81		3.2	3.3		0.19	0.19		0.008	0.008		NA	NA	NA	NA	NA	
SR12	15/12/2018	Mid-Flood	Fine	Moderate	10:37	15	S	1	3											5.79										NA	NA	NA	NA		
SR12	15/12/2018	Mid-Flood	Fine	Moderate	10:37	15	M	7.5	1	8.10		33.56		21.49		79.6		5.80			3.9			0.21			0.009			NA	NA	NA	NA		
SR12	15/12/2018	Mid-Flood	Fine	Moderate	10:37	15	M	7.5	2	8.10	8.10	33.57	33.57	21.47	21.48	79.5	79.6	5.76	5.78		3.7	3.8	3.7	0.21	0.21	0.20	0.009	0.009	0.009	NA	NA	NA	NA	NA	NA
SR12	15/12/2018	Mid-Flood	Fine	Moderate	10:37	15	M	7.5	3																					NA	NA	NA	NA		
SR12	15/12/2018	Mid-Flood	Fine	Moderate	10:37	15	B	14	1	8.12		33.69		21.44		78.9		5.70			3.9			0.21			0.009			NA	NA	NA	NA		
SR12	15/12/2018	Mid-Flood	Fine	Moderate	10:37	15	B	14	2	8.11	8.12	33.72	33.71	21.40	21.42	78.7	78.8	5.68	5.69		4.1	4.0		0.21	0.21		0.009	0.009		NA	NA	NA	NA	NA	
SR12	15/12/2018	Mid-Flood	Fine	Moderate	10:37	15	B	14	3																					NA	NA	NA	NA		
SR13	15/12/2018	Mid-Flood	Fine	Moderate	10:47	14	S	1	1	8.10		33.49		21.56		80.5		5.84			3.7			NA			NA			NA	NA	NA	NA		
SR13	15/12/2018	Mid-Flood	Fine	Moderate	10:47	14	S	1	2	8.10	8.10	33.49	33.49	21.58	21.57	80.6	80.6	5.85	5.85		3.9	3.8		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	15/12/2018	Mid-Flood	Fine	Moderate	10:47	14	S	1	3											5.83										NA	NA	NA	NA		
SR13	15/12/2018	Mid-Flood	Fine	Moderate	10:47	14	M	7	1	8.10		33.56		21.55		80.2		5.82			4.6			NA			NA			NA	NA	NA	NA		
SR13	15/12/2018	Mid-Flood	Fine	Moderate	10:47	14	M	7	2	8.10	8.10	33.57	33.57	21.56	21.56	80.1	80.2	5.81	5.82		4.5	4.6	4.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	15/12/2018	Mid-Flood	Fine	Moderate	10:47	14	M	7	3																					NA	NA	NA	NA		
SR13	15/12/2018	Mid-Flood	Fine	Moderate	10:47	14	B	13	1	8.11		33.60		21.50		80.6		5.85			4.7			NA			NA			NA	NA	NA	NA		
SR13	15/12/2018	Mid-Flood	Fine	Moderate	10:47	14	B	13	2	8.11	8.11	33.62	33.61	21.52	21.51	80.4	80.5	5.84	5.85		4.6	4.7		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	15/12/2018	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
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	15/12/2018	Mid-Flood	Fine	Moderate	9:30	28	S	1	1	4			0.09			0.004			0.09	0.05	0.01	0.15			27			NA			<1		
C1A	15/12/2018	Mid-Flood	Fine	Moderate	9:30	28	S	1	2	5	5		0.07	0.08		0.003	0.004		0.07	0.05	0.01	0.13	0.13		45	35		NA	NA		<1	1	
C1A	15/12/2018	Mid-Flood	Fine	Moderate	9:30	28	S	1	3										0.05	0.04	0.02	0.11											
C1A	15/12/2018	Mid-Flood	Fine	Moderate	9:30	28	M	14	1	5			0.06			0.003			0.06	0.04	0.02	0.12			58			NA			<1		
C1A	15/12/2018	Mid-Flood	Fine	Moderate	9:30	28	M	14	2	7	6	6	0.06	0.06	0.08	0.003	0.003	0.004	0.06	0.03	0.02	0.11	0.12	0.14	42	49	41	NA	NA	NA	<1	1	1
C1A	15/12/2018	Mid-Flood	Fine	Moderate	9:30	28	M	14	3										0.07	0.03	0.02	0.12											
C1A	15/12/2018	Mid-Flood	Fine	Moderate	9:30	28	B	27	1	7			0.09			0.004			0.09	0.05	0.01	0.15			39			NA			<1		
C1A	15/12/2018	Mid-Flood	Fine	Moderate	9:30	28	B	27	2	8	7		0.11	0.10		0.005	0.005		0.11	0.05	0.01	0.17	0.16		40	39		NA	NA		<1	1	
C1A	15/12/2018	Mid-Flood	Fine	Moderate	9:30	28	B	27	3										0.11	0.05	0.01	0.17											
C2A	15/12/2018	Mid-Flood	Fine	Moderate	11:06	13	S	1	1	6			0.29			0.012			0.29	0.06	0.02	0.37			21			NA			<1		
C2A	15/12/2018	Mid-Flood	Fine	Moderate	11:06	13	S	1	2	6	6		0.12	0.21		0.005	0.008		0.12	0.06	0.01	0.19	0.26		28	24		NA	NA		<1	1	
C2A	15/12/2018	Mid-Flood	Fine	Moderate	11:06	13	S	1	3										0.15	0.06	0.01	0.22											
C2A	15/12/2018	Mid-Flood	Fine	Moderate	11:06	13	M	6.5	1	7			0.24			0.010			0.24	0.07	0.01	0.32			76			NA			1		
C2A	15/12/2018	Mid-Flood	Fine	Moderate	11:06	13	M	6.5	2	6	6	6	0.23	0.24	0.19	0.009	0.010	0.008	0.23	0.07	0.01	0.31	0.32	0.26	140	103	57	NA	NA	NA	<1	1	1
C2A	15/12/2018	Mid-Flood	Fine	Moderate	11:06	13	M	6.5	3										0.25	0.07	0.01	0.33											
C2A	15/12/2018	Mid-Flood	Fine	Moderate	11:06	13	B	12	1	6			0.12			0.005			0.12	0.06	0.02	0.20			80			NA			<1		
C2A	15/12/2018	Mid-Flood	Fine	Moderate	11:06	13	B	12	2	7	6		0.13	0.13		0.006	0.005		0.13	0.05	0.03	0.21	0.20		65	72		NA	NA		<1	1	
C2A	15/12/2018	Mid-Flood	Fine	Moderate	11:06	13	B	12	3										0.14	0.04	0.02	0.20											
G2	15/12/2018	Mid-Flood	Fine	Moderate	10:04	12	S	1	1	5			NA			NA			0.09	0.05	0.01	0.15			NA			NA			NA		
G2	15/12/2018	Mid-Flood	Fine	Moderate	10:04	12	S	1	2	5	5		NA	NA		NA	NA		0.09	0.04	0.02	0.15	0.15		NA	NA		NA	NA		NA	NA	
G2	15/12/2018	Mid-Flood	Fine	Moderate	10:04	12	S	1	3										0.10	0.04	0.02	0.16											
G2	15/12/2018	Mid-Flood	Fine	Moderate	10:04	12	M	6	1	4			NA			NA			0.09	0.04	0.02	0.15			NA			NA			NA		
G2	15/12/2018	Mid-Flood	Fine	Moderate	10:04	12	M	6	2	4	4	5	NA	NA	NA	NA	NA	NA	0.10	0.04	0.02	0.16	0.15	0.15	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	15/12/2018	Mid-Flood	Fine	Moderate	10:04	12	M	6	3										0.09	0.02	0.03	0.14											
G2	15/12/2018	Mid-Flood	Fine	Moderate	10:04	12	B	11	1	5			NA			NA			0.09	0.04	0.01	0.14			NA			NA			NA		
G2	15/12/2018	Mid-Flood	Fine	Moderate	10:04	12	B	11	2	5	5		NA	NA		NA	NA		0.10	0.04	0.02	0.16	0.16		NA	NA		NA	NA		NA	NA	
G2	15/12/2018	Mid-Flood	Fine	Moderate	10:04	12	B	11	3										0.11	0.06	0.01	0.18											
SR2	15/12/2018	Mid-Flood	Fine	Moderate	9:53	8	S	1	1	5			0.05			0.002			NA	NA	NA	NA			NA			NA			NA		
SR2	15/12/2018	Mid-Flood	Fine	Moderate	9:53	8	S	1	2	6	6		0.06	0.06		0.003	0.003		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	15/12/2018	Mid-Flood	Fine	Moderate	9:53	8	S	1	3										NA	NA	NA	NA											
SR2	15/12/2018	Mid-Flood	Fine	Moderate	9:53	8	M	4	1	6			0.05			0.002			NA	NA	NA	NA			NA			NA			NA		
SR2	15/12/2018	Mid-Flood	Fine	Moderate	9:53	8	M	4	2	6	6	6	0.05	0.05	0.06	0.002	0.002	0.003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	15/12/2018	Mid-Flood	Fine	Moderate	9:53	8	M	4	3										NA	NA	NA	NA											
SR2	15/12/2018	Mid-Flood	Fine	Moderate	9:53	8	B	7	1	5			0.06			0.003			NA	NA	NA	NA			NA			NA			NA		
SR2	15/12/2018	Mid-Flood	Fine	Moderate	9:53	8	B	7	2	6	5		0.06	0.06		0.003	0.003		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	15/12/2018	Mid-Flood	Fine	Moderate	9:53	8	B	7	3										NA	NA	NA	NA											
SR3	15/12/2018	Mid-Flood	Fine	Moderate	10:10	7	S	1	1	5			0.13			0.006			NA	NA	NA	NA			NA			NA			NA		
SR3	15/12/2018	Mid-Flood	Fine	Moderate	10:10	7	S	1	2	5	5		0.12	0.13		0.005	0.006		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	15/12/2018	Mid-Flood	Fine	Moderate	10:10	7	S	1	3										NA	NA	NA	NA											
SR3	15/12/2018	Mid-Flood	Fine	Moderate	10:10	7	M	3.5	1	5			0.14			0.006			NA	NA	NA	NA			NA			NA			NA		
SR3	15/12/2018	Mid-Flood	Fine	Moderate	10:10	7	M	3.5	2	6	5	5	0.12	0.13	0.13	0.006	0.006	0.006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	15/12/2018	Mid-Flood	Fine	Moderate	10:10	7	M	3.5	3										NA	NA	NA	NA											
SR3	15/12/2018	Mid-Flood	Fine	Moderate	10:10	7	B	6	1	5			0.11			0.005			NA	NA	NA	NA			NA			NA			NA		
SR3	15/12/2018	Mid-Flood	Fine	Moderate	10:10	7	B	6	2	4	5		0.13	0.12		0.006	0.006		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	15/12/2018	Mid-Flood	Fine	Moderate	10:10	7	B	6	3										NA	NA	NA	NA											
SR4	15/12/2018	Mid-Flood	Fine	Moderate	10:21	4	S	1	1	8			0.21			0.009			NA	NA	NA	NA			290			NA			<1		
SR4	15/12/2018	Mid-Flood	Fine	Moderate	10:21	4	S	1	2	8	8		0.13	0.17		0.006	0.007		NA	NA	NA	NA	NA		530	392		NA	NA		<1	1	
SR4	15/12/2018	Mid-Flood	Fine	Moderate	10:21	4	S	1	3										NA	NA	NA	NA											
SR4	15/12/2018	Mid-Flood	Fine	Moderate	10:21	4	M		1										NA	NA	NA	NA						NA					
SR4	15/12/2018	Mid-Flood	Fine	Moderate	10:21	4	M		2		NA	7		NA	0.18		NA	0.008	NA	NA	NA	NA	NA	NA		NA	459	NA	NA	NA		NA	1
SR4	15/12/2018	Mid-Flood	Fine	Moderate	10:21	4	M		3										NA	NA	NA	NA											
SR4	15/12/2018	Mid-Flood	Fine	Moderate	10:21	4	B	3	1	7			0.20			0.009			NA	NA	NA	NA			670			NA			<1		
SR4	15/12/2018	Mid-Flood	Fine	Moderate	10:21	4	B	3	2	7	7		0.19	0.20		0.008	0.009		NA	NA	NA	NA	NA		430	537		NA	NA		<1	1	
SR4	15/12/2018	Mid-Flood	Fine	Moderate	10:21	4	B	3	3										NA	NA	NA	NA											

Impact Monitoring Data

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.
SR5	15/12/2018	Mid-Flood	Fine	Moderate	9:41	11	S	1	1	7			NA			NA			0.10	0.04	0.02	0.16			NA			NA			NA		
SR5	15/12/2018	Mid-Flood	Fine	Moderate	9:41	11	S	1	2	6	6		NA	NA		NA	NA		0.12	0.04	0.02	0.18	0.16		NA	NA		NA	NA		NA	NA	
SR5	15/12/2018	Mid-Flood	Fine	Moderate	9:41	11	S	1	3										0.08	0.04	0.02	0.14											
SR5	15/12/2018	Mid-Flood	Fine	Moderate	9:41	11	M	5.5	1	7			NA			NA			0.06	0.04	0.01	0.11			NA			NA			NA		
SR5	15/12/2018	Mid-Flood	Fine	Moderate	9:41	11	M	5.5	2	7	7	7	NA	NA	NA	NA	NA	NA	0.07	0.04	0.02	0.13	0.12	0.14	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	15/12/2018	Mid-Flood	Fine	Moderate	9:41	11	M	5.5	3										0.07	0.03	0.02	0.12											
SR5	15/12/2018	Mid-Flood	Fine	Moderate	9:41	11	B	10	1	6			NA			NA			0.09	0.04	0.02	0.15			NA			NA			NA		
SR5	15/12/2018	Mid-Flood	Fine	Moderate	9:41	11	B	10	2	7	7		NA	NA		NA	NA		0.11	0.04	0.02	0.17	0.15		NA	NA		NA	NA		NA	NA	
SR5	15/12/2018	Mid-Flood	Fine	Moderate	9:41	11	B	10	3										0.06	0.05	0.01	0.12											
SR12	15/12/2018	Mid-Flood	Fine	Moderate	10:37	15	S	1	1	6			0.19			0.008			NA	NA	NA	NA			680			NA			1		
SR12	15/12/2018	Mid-Flood	Fine	Moderate	10:37	15	S	1	2	7	7		0.30	0.25		0.013	0.010		NA	NA	NA	NA	NA		600	639		NA	NA		<1	1	
SR12	15/12/2018	Mid-Flood	Fine	Moderate	10:37	15	S	1	3										NA	NA	NA	NA											
SR12	15/12/2018	Mid-Flood	Fine	Moderate	10:37	15	M	7.5	1	6			0.21			0.009			NA	NA	NA	NA			280			NA			1		
SR12	15/12/2018	Mid-Flood	Fine	Moderate	10:37	15	M	7.5	2	6	6	6	0.21	0.21	0.22	0.009	0.009	0.009	NA	NA	NA	NA	NA	NA	340	309	561	NA	NA	NA	<1	1	1
SR12	15/12/2018	Mid-Flood	Fine	Moderate	10:37	15	M	7.5	3										NA	NA	NA	NA											
SR12	15/12/2018	Mid-Flood	Fine	Moderate	10:37	15	B	14	1	5			0.21			0.009			NA	NA	NA	NA			810			NA			<1		
SR12	15/12/2018	Mid-Flood	Fine	Moderate	10:37	15	B	14	2	6	6		0.19	0.20		0.008	0.009		NA	NA	NA	NA	NA		990	895		NA	NA		1	1	
SR12	15/12/2018	Mid-Flood	Fine	Moderate	10:37	15	B	14	3										NA	NA	NA	NA											
SR13	15/12/2018	Mid-Flood	Fine	Moderate	10:47	14	S	1	1	7			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	15/12/2018	Mid-Flood	Fine	Moderate	10:47	14	S	1	2	8	7		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	15/12/2018	Mid-Flood	Fine	Moderate	10:47	14	S	1	3										NA	NA	NA	NA											
SR13	15/12/2018	Mid-Flood	Fine	Moderate	10:47	14	M	7	1	7			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	15/12/2018	Mid-Flood	Fine	Moderate	10:47	14	M	7	2	7	7	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	15/12/2018	Mid-Flood	Fine	Moderate	10:47	14	M	7	3										NA	NA	NA	NA											
SR13	15/12/2018	Mid-Flood	Fine	Moderate	10:47	14	B	13	1	6			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	15/12/2018	Mid-Flood	Fine	Moderate	10:47	14	B	13	2	7	7		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	15/12/2018	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
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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
C1A	15/12/2018	Mid-Ebb	Fine	Moderate	8:50	28	S	1	1	8.18		33.81		21.28		89.3		6.50			2.1			0.05			0.002			0.05	0.07	0.03	0.15		
C1A	15/12/2018	Mid-Ebb	Fine	Moderate	8:50	28	S	1	2	8.18	8.18	33.84	33.83	21.28	21.28	89.2	89.3	6.48	6.49		2.0	2.1		0.05	0.05		0.002	0.002		0.05	0.08	0.03	0.16	0.16	
C1A	15/12/2018	Mid-Ebb	Fine	Moderate	8:50	28	S	1	3											6.50										0.06	0.08	0.03	0.17		
C1A	15/12/2018	Mid-Ebb	Fine	Moderate	8:50	28	M	14	1	8.17		33.92		21.20		89.8		6.53			2.5			0.07			0.003			0.07	0.07	0.03	0.17		
C1A	15/12/2018	Mid-Ebb	Fine	Moderate	8:50	28	M	14	2	8.17	8.17	33.95	33.94	21.23	21.22	89.6	89.7	6.50	6.52		2.4	2.5	2.7	0.07	0.07	0.07	0.003	0.003	0.003	0.07	0.08	0.03	0.18	0.18	0.18
C1A	15/12/2018	Mid-Ebb	Fine	Moderate	8:50	28	M	14	3																					0.07	0.08	0.03	0.18		
C1A	15/12/2018	Mid-Ebb	Fine	Moderate	8:50	28	B	27	1	8.19		34.01		21.16		89.8		6.53			3.4			0.08			0.004			0.08	0.08	0.04	0.20		
C1A	15/12/2018	Mid-Ebb	Fine	Moderate	8:50	28	B	27	2	8.19	8.19	34.03	34.02	21.15	21.16	89.9	89.9	6.54	6.54		3.5	3.5		0.08	0.08		0.004	0.004		0.08	0.08	0.04	0.20	0.20	
C1A	15/12/2018	Mid-Ebb	Fine	Moderate	8:50	28	B	27	3																					0.08	0.07	0.05	0.20		
C2A	15/12/2018	Mid-Ebb	Fine	Moderate	7:21	13	S	1	1	8.07		33.49		21.42		87.2		6.34			4.1			0.12			0.005			0.12	0.08	0.02	0.22		
C2A	15/12/2018	Mid-Ebb	Fine	Moderate	7:21	13	S	1	2	8.07	8.07	33.48	33.49	21.43	21.43	87.0	87.1	6.33	6.34		4.2	4.2		0.13	0.13		0.005	0.005		0.13	0.09	0.02	0.24	0.23	
C2A	15/12/2018	Mid-Ebb	Fine	Moderate	7:21	13	S	1	3											6.33										0.13	0.08	0.02	0.23		
C2A	15/12/2018	Mid-Ebb	Fine	Moderate	7:21	13	M	6.5	1	8.08		33.53		21.40		86.8		6.31			4.1			0.11			0.004			0.11	0.08	0.02	0.21		
C2A	15/12/2018	Mid-Ebb	Fine	Moderate	7:21	13	M	6.5	2	8.09	8.09	33.55	33.54	21.41	21.41	86.9	86.9	6.32	6.32		4.0	4.1	3.9	0.12	0.12	0.14	0.005	0.005	0.006	0.12	0.09	0.02	0.23	0.23	0.25
C2A	15/12/2018	Mid-Ebb	Fine	Moderate	7:21	13	M	6.5	3																					0.13	0.09	0.02	0.24		
C2A	15/12/2018	Mid-Ebb	Fine	Moderate	7:21	13	B	12	1	8.10		33.66		21.56		88.0		6.41			3.5			0.17			0.007			0.17	0.10	0.03	0.30		
C2A	15/12/2018	Mid-Ebb	Fine	Moderate	7:21	13	B	12	2	8.11	8.11	33.67	33.67	21.55	21.56	88.3	88.2	6.44	6.43		3.2	3.4		0.17	0.17		0.007	0.007		0.17	0.10	0.03	0.30	0.30	
C2A	15/12/2018	Mid-Ebb	Fine	Moderate	7:21	13	B	12	3																					0.17	0.10	0.03	0.30		
G2	15/12/2018	Mid-Ebb	Fine	Moderate	8:19	12	S	1	1	8.12		33.80		21.25		89.2		6.49			1.4			NA			NA			0.12	0.03	0.02	0.17		
G2	15/12/2018	Mid-Ebb	Fine	Moderate	8:19	12	S	1	2	8.12	8.12	33.82	33.81	21.27	21.26	89.2	89.2	6.48	6.49		1.6	1.5		NA	NA		NA	NA		0.12	0.03	0.02	0.17	0.17	
G2	15/12/2018	Mid-Ebb	Fine	Moderate	8:19	12	S	1	3											6.52										0.12	0.03	0.02	0.17		
G2	15/12/2018	Mid-Ebb	Fine	Moderate	8:19	12	M	6	1	8.16		33.90		21.30		90.1		6.55			2.5			NA			NA			0.14	0.04	0.03	0.21		
G2	15/12/2018	Mid-Ebb	Fine	Moderate	8:19	12	M	6	2	8.17	8.17	33.92	33.91	21.33	21.32	90.1	90.1	6.55	6.55		2.4	2.5	2.2	NA	NA	NA	NA	NA	NA	0.12	0.04	0.03	0.19	0.20	0.18
G2	15/12/2018	Mid-Ebb	Fine	Moderate	8:19	12	M	6	3																					0.13	0.04	0.03	0.20		
G2	15/12/2018	Mid-Ebb	Fine	Moderate	8:19	12	B	11	1	8.17		34.00		21.39		89.8		6.53			2.6			NA			NA			0.10	0.04	0.03	0.17		
G2	15/12/2018	Mid-Ebb	Fine	Moderate	8:19	12	B	11	2	8.17	8.17	33.99	34.00	21.38	21.39	89.7	89.8	6.52	6.53		2.4	2.5		NA	NA		NA	NA		0.11	0.04	0.03	0.18	0.18	
G2	15/12/2018	Mid-Ebb	Fine	Moderate	8:19	12	B	11	3																					0.10	0.05	0.03	0.18		
SR2	15/12/2018	Mid-Ebb	Fine	Moderate	8:25	8	S	1	1	8.19		33.81		21.31		89.9		6.54			2.2			0.06			0.003			NA	NA	NA	NA		
SR2	15/12/2018	Mid-Ebb	Fine	Moderate	8:25	8	S	1	2	8.19	8.19	33.83	33.82	21.31	21.31	89.9	89.9	6.54	6.54		2.1	2.2		0.06	0.06		0.003	0.003		NA	NA	NA	NA	NA	
SR2	15/12/2018	Mid-Ebb	Fine	Moderate	8:25	8	S	1	3											6.54										NA	NA	NA	NA		
SR2	15/12/2018	Mid-Ebb	Fine	Moderate	8:25	8	M	4	1	8.17		33.85		21.29		90.1		6.55			2.8			0.06			0.003			NA	NA	NA	NA		
SR2	15/12/2018	Mid-Ebb	Fine	Moderate	8:25	8	M	4	2	8.17	8.17	33.86	33.86	21.30	21.30	89.8	90.0	6.53	6.54		2.6	2.7	2.5	0.06	0.06	0.06	0.003	0.003	0.003	NA	NA	NA	NA	NA	NA
SR2	15/12/2018	Mid-Ebb	Fine	Moderate	8:25	8	M	4	3																					NA	NA	NA	NA		
SR2	15/12/2018	Mid-Ebb	Fine	Moderate	8:25	8	B	7	1	8.17		33.92		21.30		90.0		6.54			2.7			0.07			0.003			NA	NA	NA	NA		
SR2	15/12/2018	Mid-Ebb	Fine	Moderate	8:25	8	B	7	2	8.17	8.17	33.90	33.91	21.30	21.30	90.0	90.0	6.54	6.54		2.8	2.8		0.07	0.07		0.003	0.003		NA	NA	NA	NA	NA	
SR2	15/12/2018	Mid-Ebb	Fine	Moderate	8:25	8	B	7	3																					NA	NA	NA	NA		
SR3	15/12/2018	Mid-Ebb	Fine	Moderate	8:11	7	S	1	1	8.13		33.62		21.44		86.2		6.26			2.6			0.10			0.004			NA	NA	NA	NA		
SR3	15/12/2018	Mid-Ebb	Fine	Moderate	8:11	7	S	1	2	8.13	8.13	33.64	33.63	21.45	21.45	86.0	86.1	6.25	6.26		2.6	2.6		0.10	0.10		0.004	0.004		NA	NA	NA	NA	NA	
SR3	15/12/2018	Mid-Ebb	Fine	Moderate	8:11	7	S	1	3											6.27										NA	NA	NA	NA		
SR3	15/12/2018	Mid-Ebb	Fine	Moderate	8:11	7	M	3.5	1	8.14		33.70		21.40		86.5		6.29			3.0			0.10			0.005			NA	NA	NA	NA		
SR3	15/12/2018	Mid-Ebb	Fine	Moderate	8:11	7	M	3.5	2	8.14	8.14	33.70	33.70	21.41	21.41	86.5	86.5	6.28	6.29		3.1	3.1	2.7	0.10	0.10	0.10	0.005	0.005	0.005	NA	NA	NA	NA	NA	NA
SR3	15/12/2018	Mid-Ebb	Fine	Moderate	8:11	7	M	3.5	3																					NA	NA	NA	NA		
SR3	15/12/2018	Mid-Ebb	Fine	Moderate	8:11	7	B	6	1	8.15		33.75		21.36		88.2		6.41			2.5			0.10			0.005			NA	NA	NA	NA		
SR3	15/12/2018	Mid-Ebb	Fine	Moderate	8:11	7	B	6	2	8.16	8.16	33.77	33.76	21.38	21.37	88.2	88.2	6.41	6.41		2.6	2.6		0.10	0.10		0.005	0.005		NA	NA	NA	NA	NA	
SR3	15/12/2018	Mid-Ebb	Fine	Moderate	8:11	7	B	6	3																					NA	NA	NA	NA		
SR4	15/12/2018	Mid-Ebb	Fine	Moderate	8:00	4	S	1	1	8.10		33.62		21.49		79.3		5.74			3.8			0.19			0.008			NA	NA	NA	NA		
SR4	15/12/2018	Mid-Ebb	Fine	Moderate	8:00	4	S	1	2	8.12	8.11	33.63	33.63	21.50	21.50	79.2	79.3	5.73	5.74		3.5	3.7		0.19	0.19		0.008	0.008		NA	NA	NA	NA	NA	
SR4	15/12/2018	Mid-Ebb	Fine	Moderate	8:00	4	S	1	3											5.74										NA	NA	NA	NA		
SR4	15/12/2018	Mid-Ebb	Fine	Moderate	8:00	4	M		1																					NA	NA	NA	NA		
SR4	15/12/2018	Mid-Ebb	Fine	Moderate	8:00	4	M		2		NA		NA		NA		NA		NA			NA	3.7		NA	0.20		NA	0.009	NA	NA	NA	NA	NA	NA
SR4	15/12/2018	Mid-Ebb	Fine	Moderate	8:00	4	M		3																					NA	NA	NA	NA		
SR4	15/12/2018	Mid-Ebb	Fine	Moderate	8:00	4	B	3	1	8.12		33.66		21.55		81.1		5.88			3.8			0.21			0.009			NA	NA	NA	NA		
SR4	15/12/2018	Mid-Ebb	Fine	Moderate	8:00	4	B	3	2	8.12	8.12	33.67	33.67	21.55	21.55	81.0	81.1	5.87	5.88		3.6	3.7		0.21	0.21		0.009	0.009		NA	NA	NA	NA	NA	
SR4	15/12/2018	Mid-Ebb	Fine	Moderate	8:00	4	B	3	3																					NA	NA	NA	NA		

Impact Monitoring Data

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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR5	15/12/2018	Mid-Ebb	Fine	Moderate	8:38	11	S	1	1	8.16		33.81		21.29		89.5		6.52			3.3			NA			NA			0.08	0.03	0.03	0.14		
SR5	15/12/2018	Mid-Ebb	Fine	Moderate	8:38	11	S	1	2	8.17	8.17	33.82	33.82	21.30	21.30	89.5	89.5	6.52	6.52		3.3	3.3		NA	NA		NA	NA		0.08	0.03	0.03	0.14	0.14	
SR5	15/12/2018	Mid-Ebb	Fine	Moderate	8:38	11	S	1	3																					0.08	0.04	0.03	0.15		
SR5	15/12/2018	Mid-Ebb	Fine	Moderate	8:38	11	M	5.5	1	8.17		33.86		21.25		90.0		6.55		6.53	3.4			NA			NA			0.12	0.04	0.04	0.20		
SR5	15/12/2018	Mid-Ebb	Fine	Moderate	8:38	11	M	5.5	2	8.18	8.18	33.87	33.87	21.25	21.25	90.1	90.1	6.54	6.55		3.3	3.4	3.2	NA	NA	NA	NA	NA	NA	0.09	0.04	0.04	0.17	0.18	0.17
SR5	15/12/2018	Mid-Ebb	Fine	Moderate	8:38	11	M	5.5	3																					0.09	0.04	0.04	0.17		
SR5	15/12/2018	Mid-Ebb	Fine	Moderate	8:38	11	B	10	1	8.17		33.92		21.21		90.0		6.55			3.0			NA			NA			0.08	0.04	0.04	0.16		
SR5	15/12/2018	Mid-Ebb	Fine	Moderate	8:38	11	B	10	2	8.17	8.17	33.94	33.93	21.20	21.21	89.6	89.8	6.53	6.54		2.7	2.9		NA	NA		NA	NA		0.10	0.04	0.04	0.18	0.17	
SR5	15/12/2018	Mid-Ebb	Fine	Moderate	8:38	11	B	10	3																					0.10	0.04	0.04	0.18		
SR12	15/12/2018	Mid-Ebb	Fine	Moderate	7:47	15	S	1	1	8.10		33.67		21.50		79.7		5.79			3.2			0.18			0.008			NA	NA	NA	NA		
SR12	15/12/2018	Mid-Ebb	Fine	Moderate	7:47	15	S	1	2	8.10	8.10	33.59	33.63	21.51	21.51	79.9	79.8	5.81	5.80		3.0	3.1		0.18	0.18		0.008	0.008		NA	NA	NA	NA	NA	
SR12	15/12/2018	Mid-Ebb	Fine	Moderate	7:47	15	S	1	3																					NA	NA	NA	NA		
SR12	15/12/2018	Mid-Ebb	Fine	Moderate	7:47	15	M	7.5	1	8.10		33.62		21.48		79.6		5.78		5.79	3.5			0.20			0.008			NA	NA	NA	NA		
SR12	15/12/2018	Mid-Ebb	Fine	Moderate	7:47	15	M	7.5	2	8.11	8.11	33.63	33.63	21.48	21.48	79.5	79.6	5.77	5.78		3.8	3.7	3.6	0.21	0.21	0.21	0.009	0.009	0.009	NA	NA	NA	NA	NA	NA
SR12	15/12/2018	Mid-Ebb	Fine	Moderate	7:47	15	M	7.5	3																					NA	NA	NA	NA		
SR12	15/12/2018	Mid-Ebb	Fine	Moderate	7:47	15	B	14	1	8.11		33.68		21.43		79.0		5.72			4.1			0.23			0.010			NA	NA	NA	NA		
SR12	15/12/2018	Mid-Ebb	Fine	Moderate	7:47	15	B	14	2	8.11	8.11	33.70	33.69	21.42	21.43	78.7	78.9	5.68	5.70		4.2	4.2		0.23	0.23		0.010	0.010		NA	NA	NA	NA	NA	
SR12	15/12/2018	Mid-Ebb	Fine	Moderate	7:47	15	B	14	3																					NA	NA	NA	NA		
SR13	15/12/2018	Mid-Ebb	Fine	Moderate	7:35	14	S	1	1	8.09		33.48		21.57		80.5		5.84			3.5			NA			NA			NA	NA	NA	NA		
SR13	15/12/2018	Mid-Ebb	Fine	Moderate	7:35	14	S	1	2	8.08	8.09	33.49	33.49	21.55	21.56	80.5	80.5	5.84	5.84		3.5	3.5		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	15/12/2018	Mid-Ebb	Fine	Moderate	7:35	14	S	1	3																					NA	NA	NA	NA		
SR13	15/12/2018	Mid-Ebb	Fine	Moderate	7:35	14	M	7	1	8.09		33.55		21.53		80.2		5.82		5.83	4.8			NA			NA			NA	NA	NA	NA		
SR13	15/12/2018	Mid-Ebb	Fine	Moderate	7:35	14	M	7	2	8.09	8.09	33.52	33.54	21.55	21.54	80.0	80.1	5.80	5.81		4.6	4.7	4.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	15/12/2018	Mid-Ebb	Fine	Moderate	7:35	14	M	7	3																					NA	NA	NA	NA		
SR13	15/12/2018	Mid-Ebb	Fine	Moderate	7:35	14	B	13	1	8.10		33.62		21.50		81.1		5.88			4.4			NA			NA			NA	NA	NA	NA		
SR13	15/12/2018	Mid-Ebb	Fine	Moderate	7:35	14	B	13	2	8.11	8.11	33.63	33.63	21.49	21.50	81.2	81.2	5.89	5.89		4.5	4.5		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	15/12/2018	Mid-Ebb	Fine	Moderate	7:35	14	B	13	3																					NA	NA	NA	NA		

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

Impact Monitoring Data

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	15/12/2018	Mid-Ebb	Fine	Moderate	8:50	28	S	1	1	6			0.08			0.004			0.08	0.04	0.02	0.14			70			NA			<1		
C1A	15/12/2018	Mid-Ebb	Fine	Moderate	8:50	28	S	1	2	6	6		0.06	0.07		0.003	0.003		0.06	0.04	0.02	0.12	0.13		46	57		NA	NA		<1	1	
C1A	15/12/2018	Mid-Ebb	Fine	Moderate	8:50	28	S	1	3										0.08	0.04	0.02	0.14											
C1A	15/12/2018	Mid-Ebb	Fine	Moderate	8:50	28	M	14	1	6			0.08			0.004			0.08	0.03	0.02	0.13			36			NA			<1		
C1A	15/12/2018	Mid-Ebb	Fine	Moderate	8:50	28	M	14	2	5	5	6	0.07	0.08	0.07	0.003	0.004	0.003	0.07	0.04	0.02	0.13	0.13	0.12	32	34	42	NA	NA	NA	<1	1	1
C1A	15/12/2018	Mid-Ebb	Fine	Moderate	8:50	28	M	14	3										0.06	0.05	0.01	0.12											
C1A	15/12/2018	Mid-Ebb	Fine	Moderate	8:50	28	B	27	1	6			0.06			0.003			0.06	0.03	0.02	0.11			43			NA			<1		
C1A	15/12/2018	Mid-Ebb	Fine	Moderate	8:50	28	B	27	2	6	6		0.06	0.06		0.003	0.003		0.06	0.04	0.02	0.12	0.11		33	38		NA	NA		<1	1	
C1A	15/12/2018	Mid-Ebb	Fine	Moderate	8:50	28	B	27	3										0.05	0.04	0.02	0.11											
C2A	15/12/2018	Mid-Ebb	Fine	Moderate	7:21	13	S	1	1	6			0.13			0.005			0.13	0.05	0.02	0.20			350			NA			<1		
C2A	15/12/2018	Mid-Ebb	Fine	Moderate	7:21	13	S	1	2	6	6		0.13	0.13		0.005	0.005		0.13	0.07	0.01	0.21	0.20		320	335		NA	NA		1	1	
C2A	15/12/2018	Mid-Ebb	Fine	Moderate	7:21	13	S	1	3										0.11	0.06	0.02	0.19											
C2A	15/12/2018	Mid-Ebb	Fine	Moderate	7:21	13	M	6.5	1	7			0.12			0.005			0.12	0.05	0.02	0.19			230			NA			<1		
C2A	15/12/2018	Mid-Ebb	Fine	Moderate	7:21	13	M	6.5	2	7	7	7	0.14	0.13	0.13	0.006	0.005	0.005	0.14	0.05	0.02	0.21	0.25	0.23	300	263	289	NA	NA	NA	<1	1	1
C2A	15/12/2018	Mid-Ebb	Fine	Moderate	7:21	13	M	6.5	3										0.26	0.06	0.02	0.34											
C2A	15/12/2018	Mid-Ebb	Fine	Moderate	7:21	13	B	12	1	7			0.14			0.006			0.14	0.05	0.01	0.20			380			NA			<1		
C2A	15/12/2018	Mid-Ebb	Fine	Moderate	7:21	13	B	12	2	8	8		0.11	0.13		0.005	0.005		0.11	0.05	0.01	0.17	0.24		200	276		NA	NA		<1	1	
C2A	15/12/2018	Mid-Ebb	Fine	Moderate	7:21	13	B	12	3										0.28	0.04	0.02	0.34											
G2	15/12/2018	Mid-Ebb	Fine	Moderate	8:19	12	S	1	1	4			NA			NA			0.12	0.04	0.02	0.18			NA			NA			NA		
G2	15/12/2018	Mid-Ebb	Fine	Moderate	8:19	12	S	1	2	4	4		NA	NA		NA	NA		0.12	0.03	0.02	0.17	0.17		NA	NA		NA	NA		NA	NA	
G2	15/12/2018	Mid-Ebb	Fine	Moderate	8:19	12	S	1	3										0.10	0.05	0.01	0.16											
G2	15/12/2018	Mid-Ebb	Fine	Moderate	8:19	12	M	6	1	5			NA			NA			0.10	0.05	0.01	0.16			NA			NA			NA		
G2	15/12/2018	Mid-Ebb	Fine	Moderate	8:19	12	M	6	2	5	5	5	NA	NA	NA	NA	NA	NA	0.09	0.05	0.01	0.15	0.15	0.15	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	15/12/2018	Mid-Ebb	Fine	Moderate	8:19	12	M	6	3										0.09	0.04	0.01	0.14											
G2	15/12/2018	Mid-Ebb	Fine	Moderate	8:19	12	B	11	1	6			NA			NA			0.10	0.04	0.01	0.15			NA			NA			NA		
G2	15/12/2018	Mid-Ebb	Fine	Moderate	8:19	12	B	11	2	4	5		NA	NA		NA	NA		0.07	0.04	0.01	0.12	0.14		NA	NA		NA	NA		NA	NA	
G2	15/12/2018	Mid-Ebb	Fine	Moderate	8:19	12	B	11	3										0.09	0.05	0.01	0.15											
SR2	15/12/2018	Mid-Ebb	Fine	Moderate	8:25	8	S	1	1	6			0.06			0.003			NA	NA	NA	NA			NA			NA			NA		
SR2	15/12/2018	Mid-Ebb	Fine	Moderate	8:25	8	S	1	2	6	6		0.06	0.06		0.003	0.003		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	15/12/2018	Mid-Ebb	Fine	Moderate	8:25	8	S	1	3										NA	NA	NA	NA											
SR2	15/12/2018	Mid-Ebb	Fine	Moderate	8:25	8	M	4	1	4			0.05			0.002			NA	NA	NA	NA			NA			NA			NA		
SR2	15/12/2018	Mid-Ebb	Fine	Moderate	8:25	8	M	4	2	4	4	5	0.05	0.05	0.06	0.002	0.002	0.003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	15/12/2018	Mid-Ebb	Fine	Moderate	8:25	8	M	4	3										NA	NA	NA	NA											
SR2	15/12/2018	Mid-Ebb	Fine	Moderate	8:25	8	B	7	1	5			0.05			0.002			NA	NA	NA	NA			NA			NA			NA		
SR2	15/12/2018	Mid-Ebb	Fine	Moderate	8:25	8	B	7	2	6	6		0.06	0.06		0.003	0.003		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	15/12/2018	Mid-Ebb	Fine	Moderate	8:25	8	B	7	3										NA	NA	NA	NA											
SR3	15/12/2018	Mid-Ebb	Fine	Moderate	8:11	7	S	1	1	4			0.12			0.005			NA	NA	NA	NA			NA			NA			NA		
SR3	15/12/2018	Mid-Ebb	Fine	Moderate	8:11	7	S	1	2	4	4		0.10	0.11		0.004	0.005		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	15/12/2018	Mid-Ebb	Fine	Moderate	8:11	7	S	1	3										NA	NA	NA	NA											
SR3	15/12/2018	Mid-Ebb	Fine	Moderate	8:11	7	M	3.5	1	4			0.13			0.006			NA	NA	NA	NA			NA			NA			NA		
SR3	15/12/2018	Mid-Ebb	Fine	Moderate	8:11	7	M	3.5	2	5	4	5	0.12	0.13	0.11	0.005	0.006	0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	15/12/2018	Mid-Ebb	Fine	Moderate	8:11	7	M	3.5	3										NA	NA	NA	NA											
SR3	15/12/2018	Mid-Ebb	Fine	Moderate	8:11	7	B	6	1	7			0.09			0.004			NA	NA	NA	NA			NA			NA			NA		
SR3	15/12/2018	Mid-Ebb	Fine	Moderate	8:11	7	B	6	2	6	6		0.11	0.10		0.005	0.005		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	15/12/2018	Mid-Ebb	Fine	Moderate	8:11	7	B	6	3										NA	NA	NA	NA											
SR4	15/12/2018	Mid-Ebb	Fine	Moderate	8:00	4	S	1	1	6			0.20			0.009			NA	NA	NA	NA			650			NA			<1		
SR4	15/12/2018	Mid-Ebb	Fine	Moderate	8:00	4	S	1	2	7	7		0.19	0.20		0.008	0.008		NA	NA	NA	NA	NA		680	665		NA	NA		<1	1	
SR4	15/12/2018	Mid-Ebb	Fine	Moderate	8:00	4	S	1	3										NA	NA	NA	NA											
SR4	15/12/2018	Mid-Ebb	Fine	Moderate	8:00	4	M		1										NA	NA	NA	NA						NA					
SR4	15/12/2018	Mid-Ebb	Fine	Moderate	8:00	4	M		2		NA	6		NA	0.21		NA	0.009	NA	NA	NA	NA	NA	NA		NA	539	NA	NA	NA		NA	1
SR4	15/12/2018	Mid-Ebb	Fine	Moderate	8:00	4	M		3										NA	NA	NA	NA											
SR4	15/12/2018	Mid-Ebb	Fine	Moderate	8:00	4	B	3	1	6			0.21			0.009			NA	NA	NA	NA			390			NA			<1		
SR4	15/12/2018	Mid-Ebb	Fine	Moderate	8:00	4	B	3	2	6	6		0.24	0.23		0.011	0.010		NA	NA	NA	NA	NA		490	437		NA	NA		<1	1	
SR4	15/12/2018	Mid-Ebb	Fine	Moderate	8:00	4	B	3	3										NA	NA	NA	NA											

Impact Monitoring Data

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.
SR5	15/12/2018	Mid-Ebb	Fine	Moderate	8:38	11	S	1	1	5			NA			NA			0.07	0.03	0.02	0.12			NA			NA			NA		
SR5	15/12/2018	Mid-Ebb	Fine	Moderate	8:38	11	S	1	2	7	6		NA	NA		NA	NA		0.09	0.04	0.02	0.15	0.14		NA	NA		NA	NA		NA	NA	
SR5	15/12/2018	Mid-Ebb	Fine	Moderate	8:38	11	S	1	3										0.08	0.04	0.02	0.14											
SR5	15/12/2018	Mid-Ebb	Fine	Moderate	8:38	11	M	5.5	1	6			NA			NA			0.13	0.04	0.01	0.18			NA			NA			NA		
SR5	15/12/2018	Mid-Ebb	Fine	Moderate	8:38	11	M	5.5	2	6	6	6	NA	NA	NA	NA	NA	NA	0.06	0.03	0.02	0.11	0.14	0.13	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	15/12/2018	Mid-Ebb	Fine	Moderate	8:38	11	M	5.5	3										0.06	0.05	0.01	0.12											
SR5	15/12/2018	Mid-Ebb	Fine	Moderate	8:38	11	B	10	1	6			NA			NA			0.06	0.04	0.02	0.12			NA			NA			NA		
SR5	15/12/2018	Mid-Ebb	Fine	Moderate	8:38	11	B	10	2	5	6		NA	NA		NA	NA		0.07	0.04	0.01	0.12	0.12		NA	NA		NA	NA		NA	NA	
SR5	15/12/2018	Mid-Ebb	Fine	Moderate	8:38	11	B	10	3										0.08	0.03	0.02	0.13											
SR12	15/12/2018	Mid-Ebb	Fine	Moderate	7:47	15	S	1	1	7			0.24			0.010			NA	NA	NA	NA			790			NA			1		
SR12	15/12/2018	Mid-Ebb	Fine	Moderate	7:47	15	S	1	2	6	6		0.16	0.20		0.007	0.008		NA	NA	NA	NA	NA		660	722		NA	NA		1	1	
SR12	15/12/2018	Mid-Ebb	Fine	Moderate	7:47	15	S	1	3										NA	NA	NA	NA											
SR12	15/12/2018	Mid-Ebb	Fine	Moderate	7:47	15	M	7.5	1	6			0.19			0.008			NA	NA	NA	NA			630			NA			<1		
SR12	15/12/2018	Mid-Ebb	Fine	Moderate	7:47	15	M	7.5	2	5	5	6	0.18	0.19	0.20	0.008	0.008	0.008	NA	NA	NA	NA	NA	NA	680	655	693	NA	NA	NA	1	1	1
SR12	15/12/2018	Mid-Ebb	Fine	Moderate	7:47	15	M	7.5	3										NA	NA	NA	NA											
SR12	15/12/2018	Mid-Ebb	Fine	Moderate	7:47	15	B	14	1	6			0.19			0.008			NA	NA	NA	NA			620			NA			<1		
SR12	15/12/2018	Mid-Ebb	Fine	Moderate	7:47	15	B	14	2	4	5		0.21	0.20		0.009	0.009		NA	NA	NA	NA	NA		800	704		NA	NA		1	1	
SR12	15/12/2018	Mid-Ebb	Fine	Moderate	7:47	15	B	14	3										NA	NA	NA	NA											
SR13	15/12/2018	Mid-Ebb	Fine	Moderate	7:35	14	S	1	1	7			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	15/12/2018	Mid-Ebb	Fine	Moderate	7:35	14	S	1	2	8	7		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	15/12/2018	Mid-Ebb	Fine	Moderate	7:35	14	S	1	3										NA	NA	NA	NA											
SR13	15/12/2018	Mid-Ebb	Fine	Moderate	7:35	14	M	7	1	6			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	15/12/2018	Mid-Ebb	Fine	Moderate	7:35	14	M	7	2	7	7	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	15/12/2018	Mid-Ebb	Fine	Moderate	7:35	14	M	7	3										NA	NA	NA	NA											
SR13	15/12/2018	Mid-Ebb	Fine	Moderate	7:35	14	B	13	1	7			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	15/12/2018	Mid-Ebb	Fine	Moderate	7:35	14	B	13	2	6	6		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	15/12/2018	Mid-Ebb	Fine	Moderate	7:35	14	B	13	3										NA	NA	NA	NA											

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

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																												
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.						
C1A	18/12/2018	Mid-Flood	Fine	Moderate	11:45	28	S	1	1	8.15		33.64		21.20		89.6		6.53			0.8			0.07			0.003			0.07	0.06	0.02	0.15		
C1A	18/12/2018	Mid-Flood	Fine	Moderate	11:45	28	S	1	2	8.15	8.15	33.62	33.63	21.18	21.19	89.5	89.6	6.52	6.53		0.7	0.8		0.07	0.07		0.003	0.003		0.07	0.06	0.02	0.15	0.15	
C1A	18/12/2018	Mid-Flood	Fine	Moderate	11:45	28	S	1	3																					0.07	0.06	0.02	0.15		
C1A	18/12/2018	Mid-Flood	Fine	Moderate	11:45	28	M	14	1	8.16		33.75		21.12		89.4		6.52			0.8			0.08			0.004			0.08	0.06	0.03	0.17		
C1A	18/12/2018	Mid-Flood	Fine	Moderate	11:45	28	M	14	2	8.16	8.16	33.76	33.76	21.10	21.11	89.0	89.2	6.50	6.51		0.8	0.8	0.9	0.09	0.09	0.08	0.004	0.004	0.004	0.09	0.06	0.02	0.17	0.18	0.17
C1A	18/12/2018	Mid-Flood	Fine	Moderate	11:45	28	M	14	3																					0.08	0.07	0.03	0.18		
C1A	18/12/2018	Mid-Flood	Fine	Moderate	11:45	28	B	27	1	8.19		33.99		21.00		88.8		6.48			1.1			0.09			0.004			0.09	0.07	0.02	0.18		
C1A	18/12/2018	Mid-Flood	Fine	Moderate	11:45	28	B	27	2	8.20	8.20	34.01	34.00	21.08	21.04	88.7	88.8	6.45	6.47		1.2	1.2		0.10	0.10		0.005	0.005		0.10	0.07	0.02	0.19	0.18	
C1A	18/12/2018	Mid-Flood	Fine	Moderate	11:45	28	B	27	3																					0.10	0.06	0.02	0.18		
C2A	18/12/2018	Mid-Flood	Fine	Moderate	13:10	13	S	1	1	7.99		33.18		21.18		85.0		6.22			4.2			0.26			0.008			0.26	0.10	0.02	0.38		
C2A	18/12/2018	Mid-Flood	Fine	Moderate	13:10	13	S	1	2	7.99	7.99	33.19	33.19	21.19	21.19	84.8	84.9	6.20	6.21		4.1	4.2		0.25	0.26		0.008	0.008		0.25	0.11	0.02	0.38	0.38	
C2A	18/12/2018	Mid-Flood	Fine	Moderate	13:10	13	S	1	3																					0.26	0.11	0.02	0.39		
C2A	18/12/2018	Mid-Flood	Fine	Moderate	13:10	13	M	6.5	1	8.08		33.46		21.16		84.6		6.18		6.19	4.1			0.36			0.014			0.36	0.11	0.03	0.50		
C2A	18/12/2018	Mid-Flood	Fine	Moderate	13:10	13	M	6.5	2	8.08	8.08	33.48	33.47	21.15	21.16	84.5	84.6	6.17	6.18		4.0	4.1	4.6	0.34	0.35	0.30	0.013	0.014	0.012	0.34	0.10	0.03	0.47	0.48	0.43
C2A	18/12/2018	Mid-Flood	Fine	Moderate	13:10	13	M	6.5	3																					0.34	0.10	0.03	0.47		
C2A	18/12/2018	Mid-Flood	Fine	Moderate	13:10	13	B	12	1	8.12		33.55		21.08		84.0		6.10			5.7			0.30			0.013			0.30	0.08	0.03	0.41		
C2A	18/12/2018	Mid-Flood	Fine	Moderate	13:10	13	B	12	2	8.11	8.12	33.56	33.56	21.09	21.09	84.0	84.0	6.10	6.10		5.7	5.7		0.30	0.30		0.013	0.013		0.30	0.09	0.03	0.42	0.42	
C2A	18/12/2018	Mid-Flood	Fine	Moderate	13:10	13	B	12	3																					0.31	0.09	0.03	0.43		
G2	18/12/2018	Mid-Flood	Fine	Moderate	12:15	12	S	1	1	8.15		33.77		21.12		88.5		6.47			2.3			NA			NA			0.07	0.06	0.02	0.15		
G2	18/12/2018	Mid-Flood	Fine	Moderate	12:15	12	S	1	2	8.14	8.15	33.76	33.77	21.13	21.13	88.6	88.6	6.47	6.47		2.3	2.3		NA	NA		NA	NA		0.08	0.06	0.02	0.16	0.16	
G2	18/12/2018	Mid-Flood	Fine	Moderate	12:15	12	S	1	3																					0.08	0.06	0.02	0.16		
G2	18/12/2018	Mid-Flood	Fine	Moderate	12:15	12	M	6	1	8.17		33.78		21.11		88.3		6.45		6.46	2.1			NA			NA			0.08	0.07	0.03	0.18		
G2	18/12/2018	Mid-Flood	Fine	Moderate	12:15	12	M	6	2	8.17	8.17	33.81	33.80	21.10	21.11	88.0	88.2	6.43	6.44		2.1	2.1	2.1	NA	NA	NA	NA	NA	NA	0.07	0.06	0.03	0.16	0.17	0.17
G2	18/12/2018	Mid-Flood	Fine	Moderate	12:15	12	M	6	3																					0.08	0.07	0.02	0.17		
G2	18/12/2018	Mid-Flood	Fine	Moderate	12:15	12	B	11	1	8.18		33.88		21.08		87.8		6.42			1.9			NA			NA			0.09	0.07	0.03	0.19		
G2	18/12/2018	Mid-Flood	Fine	Moderate	12:15	12	B	11	2	8.19	8.19	33.89	33.89	21.07	21.08	87.5	87.7	6.38	6.40		1.8	1.9		NA	NA		NA	NA		0.09	0.07	0.03	0.19	0.19	
G2	18/12/2018	Mid-Flood	Fine	Moderate	12:15	12	B	11	3																					0.09	0.07	0.03	0.19		
SR2	18/12/2018	Mid-Flood	Fine	Moderate	12:09	8	S	1	1	8.15		33.77		21.12		88.7		6.48			2.3			0.08			0.004			NA	NA	NA	NA		
SR2	18/12/2018	Mid-Flood	Fine	Moderate	12:09	8	S	1	2	8.15	8.15	33.75	33.76	21.11	21.12	88.5	88.6	6.46	6.47		2.5	2.4		0.08	0.08		0.004	0.004		NA	NA	NA	NA	NA	
SR2	18/12/2018	Mid-Flood	Fine	Moderate	12:09	8	S	1	3																					NA	NA	NA	NA		
SR2	18/12/2018	Mid-Flood	Fine	Moderate	12:09	8	M	4	1	8.70		33.96		21.06		88.4		6.45		6.46	2.1			0.08			0.007			NA	NA	NA	NA		
SR2	18/12/2018	Mid-Flood	Fine	Moderate	12:09	8	M	4	2	8.17	8.44	33.84	33.90	21.05	21.06	88.2	88.3	6.43	6.44		2.4	2.3	2.2	0.09	0.09	0.10	0.008	0.007	0.006	NA	NA	NA	NA	NA	NA
SR2	18/12/2018	Mid-Flood	Fine	Moderate	12:09	8	M	4	3																					NA	NA	NA	NA		
SR2	18/12/2018	Mid-Flood	Fine	Moderate	12:09	8	B	7	1	8.18		33.96		21.00		88.0		6.42			2.0			0.12			0.006			NA	NA	NA	NA		
SR2	18/12/2018	Mid-Flood	Fine	Moderate	12:09	8	B	7	2	8.18	8.18	33.95	33.96	21.03	21.02	88.0	88.0	6.41	6.42		2.1	2.1		0.12	0.12		0.006	0.006		NA	NA	NA	NA	NA	
SR2	18/12/2018	Mid-Flood	Fine	Moderate	12:09	8	B	7	3																					NA	NA	NA	NA		
SR3	18/12/2018	Mid-Flood	Fine	Moderate	12:21	8	S	1	1	8.13		33.65		21.14		86.3		6.33			2.6			0.11			0.005			NA	NA	NA	NA		
SR3	18/12/2018	Mid-Flood	Fine	Moderate	12:21	8	S	1	2	8.13	8.13	33.66	33.66	21.13	21.14	86.0	86.2	6.31	6.32		2.4	2.5		0.11	0.11		0.005	0.005		NA	NA	NA	NA	NA	
SR3	18/12/2018	Mid-Flood	Fine	Moderate	12:21	8	S	1	3																					NA	NA	NA	NA		
SR3	18/12/2018	Mid-Flood	Fine	Moderate	12:21	8	M	4	1	8.14		33.71		21.10		85.4		6.23		6.27	1.9			0.12			0.005			NA	NA	NA	NA		
SR3	18/12/2018	Mid-Flood	Fine	Moderate	12:21	8	M	4	2	8.14	8.14	33.72	33.72	21.09	21.10	85.0	85.2	6.20	6.22		1.7	1.8	2.0	0.12	0.12	0.12	0.005	0.005	0.005	NA	NA	NA	NA	NA	NA
SR3	18/12/2018	Mid-Flood	Fine	Moderate	12:21	8	M	4	3																					NA	NA	NA	NA		
SR3	18/12/2018	Mid-Flood	Fine	Moderate	12:21	8	B	7	1	8.17		33.81		21		85.0		6.20			1.6			0.12			0.006			NA	NA	NA	NA		
SR3	18/12/2018	Mid-Flood	Fine	Moderate	12:21	8	B	7	2	8.17	8.17	33.83	33.82	21	21.02	85.0	85.0	6.20	6.20		1.5	1.6		0.12	0.12		0.006	0.006		NA	NA	NA	NA	NA	
SR3	18/12/2018	Mid-Flood	Fine	Moderate	12:21	8	B	7	3																					NA	NA	NA	NA		
SR4	18/12/2018	Mid-Flood	Fine	Moderate	12:30	4	S	1	1	8.03		33.60		21.55		77.6		5.62			3.0			0.18			0.007			NA	NA	NA	NA		
SR4	18/12/2018	Mid-Flood	Fine	Moderate	12:30	4	S	1	2	8.03	8.03	33.61	33.61	21.56	21.56	77.5	77.6	5.61	5.62		2.9	3.0		0.18	0.18		0.007	0.007		NA	NA	NA	NA	NA	
SR4	18/12/2018	Mid-Flood	Fine	Moderate	12:30	4	S	1	3																					NA	NA	NA	NA		
SR4	18/12/2018	Mid-Flood	Fine	Moderate	12:30	4	M		1											5.62										NA	NA	NA	NA		
SR4	18/12/2018	Mid-Flood	Fine	Moderate	12:30	4	M		2		NA		NA		NA		NA		NA			NA	3.2		NA	0.20		NA	0.007	NA	NA	NA	NA	NA	NA
SR4	18/12/2018	Mid-Flood	Fine	Moderate	12:30	4	M		3																					NA	NA	NA	NA		
SR4	18/12/2018	Mid-Flood	Fine	Moderate	12:30	4	B	3	1	8.04		33.75		21.48		77.1		5.60			3.3			0.21			0.008			NA	NA	NA	NA		
SR4	18/12/2018	Mid-Flood	Fine	Moderate	12:30	4	B	3	2	8.04	8.04	33.76	33.76	21.46	21.47	77.1	77.1	5.59	5.60		3.4	3.4		0.21	0.21		0.008	0.008		NA	NA	NA	NA	NA	
SR4	18/12/2018	Mid-Flood	Fine	Moderate	12:30	4	B	3	3																					NA	NA	NA	NA		

Impact Monitoring Data

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																								TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (mg/L-N)	Total Inorganic Nitrogen (mg/L-N)		
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)												
										Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	S & M	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.										
SR5	18/12/2018	Mid-Flood	Fine	Moderate	11:57	11	S	1	1	8.10		33.74		21.14		89.1		6.56			1.6			NA			NA			0.09	0.05	0.02	0.16						
SR5	18/12/2018	Mid-Flood	Fine	Moderate	11:57	11	S	1	2	8.10	8.10	33.76	33.75	21.16	21.15	89.1	89.1	6.58	6.57		1.5	1.6		NA	NA		NA	NA		0.09	0.06	0.02	0.17	0.17					
SR5	18/12/2018	Mid-Flood	Fine	Moderate	11:57	11	S	1	3											6.53										0.10	0.06	0.02	0.18						
SR5	18/12/2018	Mid-Flood	Fine	Moderate	11:57	11	M	5.5	1	8.16		33.82		21.13		89.1		6.50			1.7			NA			NA			0.11	0.05	0.02	0.18						
SR5	18/12/2018	Mid-Flood	Fine	Moderate	11:57	11	M	5.5	2	8.16	8.16	33.84	33.83	21.14	21.14	88.8	89.0	6.47	6.49		1.9	1.8	1.5	NA	NA	NA	NA	NA	NA	0.11	0.05	0.02	0.18	0.18	0.17				
SR5	18/12/2018	Mid-Flood	Fine	Moderate	11:57	11	M	5.5	3																					0.10	0.06	0.02	0.18						
SR5	18/12/2018	Mid-Flood	Fine	Moderate	11:57	11	B	10	1	8.17		33.94		21.10		89.3		6.48			1.1			NA			NA			0.09	0.06	0.02	0.17						
SR5	18/12/2018	Mid-Flood	Fine	Moderate	11:57	11	B	10	2	8.17	8.17	33.96	33.95	21.08	21.09	89.0	89.2	6.45	6.47		1.0	1.1		NA	NA		NA	NA		0.09	0.06	0.02	0.17	0.17					
SR5	18/12/2018	Mid-Flood	Fine	Moderate	11:57	11	B	10	3																					0.10	0.06	0.02	0.18						
SR12	18/12/2018	Mid-Flood	Fine	Moderate	12:42	15	S	1	1	8.05		33.67		21.40		80.7		5.86			3.2			0.16			0.006			NA	NA	NA	NA						
SR12	18/12/2018	Mid-Flood	Fine	Moderate	12:42	15	S	1	2	8.05	8.05	33.69	33.68	21.44	21.42	80.6	80.7	5.86	5.86		3.3	3.3		0.16	0.16		0.006	0.006		NA	NA	NA	NA	NA					
SR12	18/12/2018	Mid-Flood	Fine	Moderate	12:42	15	S	1	3											5.84										NA	NA	NA	NA						
SR12	18/12/2018	Mid-Flood	Fine	Moderate	12:42	15	M	7.5	1	8.08		33.75		21.38		80.1		5.82			3.2			0.16			0.006			NA	NA	NA	NA						
SR12	18/12/2018	Mid-Flood	Fine	Moderate	12:42	15	M	7.5	2	8.09	8.09	33.76	33.76	21.36	21.37	80.1	80.1	5.82	5.82		3.0	3.1	3.4	0.16	0.16	0.16	0.006	0.006	0.006	NA	NA	NA	NA	NA	NA				
SR12	18/12/2018	Mid-Flood	Fine	Moderate	12:42	15	M	7.5	3																					NA	NA	NA	NA						
SR12	18/12/2018	Mid-Flood	Fine	Moderate	12:42	15	B	14	1	8.09		33.88		21.32		79.0		5.75			3.8			0.17			0.007			NA	NA	NA	NA						
SR12	18/12/2018	Mid-Flood	Fine	Moderate	12:42	15	B	14	2	8.10	8.10	33.89	33.89	21.30	21.31	78.9	79.0	5.74	5.75		3.9	3.9		0.17	0.17		0.007	0.007		NA	NA	NA	NA	NA					
SR12	18/12/2018	Mid-Flood	Fine	Moderate	12:42	15	B	14	3																					NA	NA	NA	NA						
SR13	18/12/2018	Mid-Flood	Fine	Moderate	12:54	14	S	1	1	8.04		33.53		21.26		84.2		6.12			5.6			NA			NA			NA	NA	NA	NA						
SR13	18/12/2018	Mid-Flood	Fine	Moderate	12:54	14	S	1	2	8.03	8.04	33.54	33.54	21.25	21.26	84.0	84.1	6.10	6.11		5.4	5.5		NA	NA		NA	NA		NA	NA	NA	NA	NA					
SR13	18/12/2018	Mid-Flood	Fine	Moderate	12:54	14	S	1	3											6.05										NA	NA	NA	NA						
SR13	18/12/2018	Mid-Flood	Fine	Moderate	12:54	14	M	7	1	8.08		33.62		21.20		82.1		5.99			5.3			NA			NA			NA	NA	NA	NA						
SR13	18/12/2018	Mid-Flood	Fine	Moderate	12:54	14	M	7	2	8.08	8.08	33.66	33.64	21.20	21.20	82.0	82.1	5.99	5.99		5.2	5.3	5.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
SR13	18/12/2018	Mid-Flood	Fine	Moderate	12:54	14	M	7	3																					NA	NA	NA	NA						
SR13	18/12/2018	Mid-Flood	Fine	Moderate	12:54	14	B	13	1	8.12		33.72		21.12		81.8		5.96			5.4			NA			NA			NA	NA	NA	NA						
SR13	18/12/2018	Mid-Flood	Fine	Moderate	12:54	14	B	13	2	8.13	8.13	33.71	33.72	21.13	21.13	81.6	81.7	5.95	5.96		5.5	5.5		NA	NA		NA	NA		NA	NA	NA	NA	NA					
SR13	18/12/2018	Mid-Flood	Fine	Moderate	12:54	14	B	13	3																					NA	NA	NA	NA						

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

Impact Monitoring Data

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	18/12/2018	Mid-Flood	Fine	Moderate	11:45	28	S	1	1	3			0.08			0.004			0.08	0.06	0.01	0.15			25			NA			1		
C1A	18/12/2018	Mid-Flood	Fine	Moderate	11:45	28	S	1	2	4	3		0.08	0.08		0.004	0.004		0.08	0.05	0.02	0.15	0.15		17	21		NA	NA		2	2	
C1A	18/12/2018	Mid-Flood	Fine	Moderate	11:45	28	S	1	3										0.09	0.05	0.02	0.16											
C1A	18/12/2018	Mid-Flood	Fine	Moderate	11:45	28	M	14	1	4			0.10			0.005			0.10	0.06	0.01	0.17			1			NA			2		
C1A	18/12/2018	Mid-Flood	Fine	Moderate	11:45	28	M	14	2	5	5	5	0.08	0.09	0.08	0.004	0.004	0.004	0.08	0.06	0.01	0.15	0.16	0.15	ND	1	7	NA	NA	NA	1	2	2
C1A	18/12/2018	Mid-Flood	Fine	Moderate	11:45	28	M	14	3										0.08	0.06	0.01	0.15											
C1A	18/12/2018	Mid-Flood	Fine	Moderate	11:45	28	B	27	1	6			0.08			0.004			0.08	0.05	0.02	0.15			25			NA			2		
C1A	18/12/2018	Mid-Flood	Fine	Moderate	11:45	28	B	27	2	6	6		0.08	0.08		0.004	0.004		0.08	0.06	0.02	0.16	0.15		14	19		NA	NA		2	2	
C1A	18/12/2018	Mid-Flood	Fine	Moderate	11:45	28	B	27	3										0.08	0.05	0.02	0.15											
C2A	18/12/2018	Mid-Flood	Fine	Moderate	13:10	13	S	1	1	7			0.26			0.008			0.26	0.10	0.01	0.37			160			NA			2		
C2A	18/12/2018	Mid-Flood	Fine	Moderate	13:10	13	S	1	2	7	7		0.27	0.27		0.009	0.009		0.27	0.10	0.01	0.38	0.38		200	179		NA	NA		2	2	
C2A	18/12/2018	Mid-Flood	Fine	Moderate	13:10	13	S	1	3										0.26	0.12	0.01	0.39											
C2A	18/12/2018	Mid-Flood	Fine	Moderate	13:10	13	M	6.5	1	7			0.32			0.013			0.32	0.10	0.01	0.43			150			NA			2		
C2A	18/12/2018	Mid-Flood	Fine	Moderate	13:10	13	M	6.5	2	7	7	7	0.34	0.33	0.30	0.013	0.013	0.011	0.34	0.10	0.01	0.45	0.44	0.40	140	145	193	NA	NA	NA	2	2	2
C2A	18/12/2018	Mid-Flood	Fine	Moderate	13:10	13	M	6.5	3										0.33	0.10	0.01	0.44											
C2A	18/12/2018	Mid-Flood	Fine	Moderate	13:10	13	B	12	1	8			0.30			0.013			0.30	0.08	0.01	0.39			240			NA			1		
C2A	18/12/2018	Mid-Flood	Fine	Moderate	13:10	13	B	12	2	8	8		0.30	0.30		0.013	0.013		0.30	0.07	0.01	0.38	0.38		320	277		NA	NA		1	1	
C2A	18/12/2018	Mid-Flood	Fine	Moderate	13:10	13	B	12	3										0.30	0.07	0.01	0.38											
G2	18/12/2018	Mid-Flood	Fine	Moderate	12:15	12	S	1	1	4			NA			NA			0.08	0.05	0.02	0.15			NA			NA			NA		
G2	18/12/2018	Mid-Flood	Fine	Moderate	12:15	12	S	1	2	3	4		NA	NA		NA	NA		0.08	0.06	0.01	0.15	0.15		NA	NA		NA	NA		NA	NA	
G2	18/12/2018	Mid-Flood	Fine	Moderate	12:15	12	S	1	3										0.08	0.05	0.02	0.15											
G2	18/12/2018	Mid-Flood	Fine	Moderate	12:15	12	M	6	1	5			NA			NA			0.08	0.05	0.02	0.15			NA			NA			NA		
G2	18/12/2018	Mid-Flood	Fine	Moderate	12:15	12	M	6	2	6	6	5	NA	NA	NA	NA	NA	NA	0.07	0.05	0.02	0.14	0.15	0.15	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	18/12/2018	Mid-Flood	Fine	Moderate	12:15	12	M	6	3										0.08	0.06	0.01	0.15											
G2	18/12/2018	Mid-Flood	Fine	Moderate	12:15	12	B	11	1	7			NA			NA			0.08	0.06	0.01	0.15			NA			NA			NA		
G2	18/12/2018	Mid-Flood	Fine	Moderate	12:15	12	B	11	2	6	6		NA	NA		NA	NA		0.08	0.06	0.01	0.15	0.15		NA	NA		NA	NA		NA	NA	
G2	18/12/2018	Mid-Flood	Fine	Moderate	12:15	12	B	11	3										0.08	0.06	0.01	0.15											
SR2	18/12/2018	Mid-Flood	Fine	Moderate	12:09	8	S	1	1	2			0.12			0.005			NA	NA	NA	NA			NA			NA			NA		
SR2	18/12/2018	Mid-Flood	Fine	Moderate	12:09	8	S	1	2	3	3		0.10	0.11		0.005	0.005		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	18/12/2018	Mid-Flood	Fine	Moderate	12:09	8	S	1	3										NA	NA	NA	NA											
SR2	18/12/2018	Mid-Flood	Fine	Moderate	12:09	8	M	4	1	3			0.08			0.007			NA	NA	NA	NA			NA			NA			NA		
SR2	18/12/2018	Mid-Flood	Fine	Moderate	12:09	8	M	4	2	3	3	3	0.08	0.08	0.09	0.007	0.007	0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	18/12/2018	Mid-Flood	Fine	Moderate	12:09	8	M	4	3										NA	NA	NA	NA											
SR2	18/12/2018	Mid-Flood	Fine	Moderate	12:09	8	B	7	1	3			0.08			0.004			NA	NA	NA	NA			NA			NA			NA		
SR2	18/12/2018	Mid-Flood	Fine	Moderate	12:09	8	B	7	2	3	3		0.08	0.08		0.004	0.004		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	18/12/2018	Mid-Flood	Fine	Moderate	12:09	8	B	7	3										NA	NA	NA	NA											
SR3	18/12/2018	Mid-Flood	Fine	Moderate	12:21	8	S	1	1	4			0.10			0.004			NA	NA	NA	NA			NA			NA			NA		
SR3	18/12/2018	Mid-Flood	Fine	Moderate	12:21	8	S	1	2	4	4		0.10	0.10		0.004	0.004		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	18/12/2018	Mid-Flood	Fine	Moderate	12:21	8	S	1	3										NA	NA	NA	NA											
SR3	18/12/2018	Mid-Flood	Fine	Moderate	12:21	8	M	4	1	5			0.10			0.004			NA	NA	NA	NA			NA			NA			NA		
SR3	18/12/2018	Mid-Flood	Fine	Moderate	12:21	8	M	4	2	4	4	5	0.10	0.10	0.10	0.004	0.004	0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	18/12/2018	Mid-Flood	Fine	Moderate	12:21	8	M	4	3										NA	NA	NA	NA											
SR3	18/12/2018	Mid-Flood	Fine	Moderate	12:21	8	B	7	1	6			0.10			0.005			NA	NA	NA	NA			NA			NA			NA		
SR3	18/12/2018	Mid-Flood	Fine	Moderate	12:21	8	B	7	2	6	6		0.10	0.10		0.005	0.005		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	18/12/2018	Mid-Flood	Fine	Moderate	12:21	8	B	7	3										NA	NA	NA	NA											
SR4	18/12/2018	Mid-Flood	Fine	Moderate	12:30	4	S	1	1	4			0.21			0.008			NA	NA	NA	NA			270			NA			1		
SR4	18/12/2018	Mid-Flood	Fine	Moderate	12:30	4	S	1	2	4	4		0.21	0.21		0.008	0.008		NA	NA	NA	NA	NA		240	255		NA	NA		1	1	
SR4	18/12/2018	Mid-Flood	Fine	Moderate	12:30	4	S	1	3										NA	NA	NA	NA											
SR4	18/12/2018	Mid-Flood	Fine	Moderate	12:30	4	M		1										NA	NA	NA	NA						NA					
SR4	18/12/2018	Mid-Flood	Fine	Moderate	12:30	4	M		2		NA	5		NA	0.22		NA	0.008	NA	NA	NA	NA	NA	NA		NA	73	NA	NA	NA		NA	1
SR4	18/12/2018	Mid-Flood	Fine	Moderate	12:30	4	M		3										NA	NA	NA	NA											
SR4	18/12/2018	Mid-Flood	Fine	Moderate	12:30	4	B	3	1	5			0.22			0.008			NA	NA	NA	NA			18			NA			2		
SR4	18/12/2018	Mid-Flood	Fine	Moderate	12:30	4	B	3	2	5	5		0.22	0.22		0.008	0.008		NA	NA	NA	NA	NA		25	21		NA	NA		1	2	
SR4	18/12/2018	Mid-Flood	Fine	Moderate	12:30	4	B	3	3										NA	NA	NA	NA											

Impact Monitoring Data

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.
SR5	18/12/2018	Mid-Flood	Fine	Moderate	11:57	11	S	1	1	4			NA			NA			0.08	0.05	0.02	0.15			NA			NA			NA		
SR5	18/12/2018	Mid-Flood	Fine	Moderate	11:57	11	S	1	2	4	4		NA	NA		NA	NA		0.10	0.06	0.01	0.17	0.16		NA	NA		NA	NA		NA	NA	
SR5	18/12/2018	Mid-Flood	Fine	Moderate	11:57	11	S	1	3										0.10	0.06	0.01	0.17											
SR5	18/12/2018	Mid-Flood	Fine	Moderate	11:57	11	M	5.5	1	4			NA			NA			0.08	0.05	0.02	0.15			NA			NA			NA		
SR5	18/12/2018	Mid-Flood	Fine	Moderate	11:57	11	M	5.5	2	4	4	4	NA	NA	NA	NA	NA	NA	0.07	0.05	0.02	0.14	0.14	0.15	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	18/12/2018	Mid-Flood	Fine	Moderate	11:57	11	M	5.5	3										0.07	0.05	0.01	0.13											
SR5	18/12/2018	Mid-Flood	Fine	Moderate	11:57	11	B	10	1	4			NA			NA			0.08	0.06	0.01	0.15			NA			NA			NA		
SR5	18/12/2018	Mid-Flood	Fine	Moderate	11:57	11	B	10	2	4	4		NA	NA		NA	NA		0.08	0.04	0.02	0.14	0.14		NA	NA		NA	NA		NA	NA	
SR5	18/12/2018	Mid-Flood	Fine	Moderate	11:57	11	B	10	3										0.07	0.05	0.01	0.13											
SR12	18/12/2018	Mid-Flood	Fine	Moderate	12:42	15	S	1	1	5			0.14			0.005			NA	NA	NA	NA			25			NA			<1		
SR12	18/12/2018	Mid-Flood	Fine	Moderate	12:42	15	S	1	2	5	5		0.14	0.14		0.005	0.005		NA	NA	NA	NA	NA		21	23		NA	NA		1	1	
SR12	18/12/2018	Mid-Flood	Fine	Moderate	12:42	15	S	1	3										NA	NA	NA	NA											
SR12	18/12/2018	Mid-Flood	Fine	Moderate	12:42	15	M	7.5	1	5			0.14			0.006			NA	NA	NA	NA			25			NA			2		
SR12	18/12/2018	Mid-Flood	Fine	Moderate	12:42	15	M	7.5	2	5	5	5	0.15	0.15	0.14	0.006	0.006	0.006	NA	NA	NA	NA	NA	NA	24	24	27	NA	NA	NA	<1	2	1
SR12	18/12/2018	Mid-Flood	Fine	Moderate	12:42	15	M	7.5	3										NA	NA	NA	NA											
SR12	18/12/2018	Mid-Flood	Fine	Moderate	12:42	15	B	14	1	6			0.14			0.006			NA	NA	NA	NA			34			NA			1		
SR12	18/12/2018	Mid-Flood	Fine	Moderate	12:42	15	B	14	2	6	6		0.14	0.14		0.006	0.006		NA	NA	NA	NA	NA		40	37		NA	NA		<1	1	
SR12	18/12/2018	Mid-Flood	Fine	Moderate	12:42	15	B	14	3										NA	NA	NA	NA											
SR13	18/12/2018	Mid-Flood	Fine	Moderate	12:54	14	S	1	1	7			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	18/12/2018	Mid-Flood	Fine	Moderate	12:54	14	S	1	2	6	7		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	18/12/2018	Mid-Flood	Fine	Moderate	12:54	14	S	1	3										NA	NA	NA	NA											
SR13	18/12/2018	Mid-Flood	Fine	Moderate	12:54	14	M	7	1	9			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	18/12/2018	Mid-Flood	Fine	Moderate	12:54	14	M	7	2	9	9	8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	18/12/2018	Mid-Flood	Fine	Moderate	12:54	14	M	7	3										NA	NA	NA	NA											
SR13	18/12/2018	Mid-Flood	Fine	Moderate	12:54	14	B	13	1	10			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	18/12/2018	Mid-Flood	Fine	Moderate	12:54	14	B	13	2	9	9		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	18/12/2018	Mid-Flood	Fine	Moderate	12:54	14	B	13	3										NA	NA	NA	NA											

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

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																													
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
C1A	18/12/2018	Mid-Ebb	Fine	Moderate	8:55	28	S	1	1	8.16		33.66		21.21		90.1		6.60			0.2			0.09			0.004			0.09	0.06	0.02	0.17		
C1A	18/12/2018	Mid-Ebb	Fine	Moderate	8:55	28	S	1	2	8.16	8.16	33.64	33.65	21.23	21.22	90.3	90.2	6.58	6.59		0.4	0.3		0.10	0.10		0.005	0.004		0.10	0.06	0.02	0.18	0.18	
C1A	18/12/2018	Mid-Ebb	Fine	Moderate	8:55	28	S	1	3											6.56										0.10	0.06	0.02	0.18		
C1A	18/12/2018	Mid-Ebb	Fine	Moderate	8:55	28	M	14	1	8.17		33.73		21.10		89.6		6.54			0.9			0.08			0.004			0.08	0.04	0.02	0.14		
C1A	18/12/2018	Mid-Ebb	Fine	Moderate	8:55	28	M	14	2	8.18	8.18	33.74	33.74	21.11	21.11	89.4	89.5	6.52	6.53		1.1	1.0	1.0	0.10	0.09	0.09	0.005	0.004	0.004	0.10	0.05	0.02	0.17	0.15	0.17
C1A	18/12/2018	Mid-Ebb	Fine	Moderate	8:55	28	M	14	3																					0.08	0.05	0.02	0.15		
C1A	18/12/2018	Mid-Ebb	Fine	Moderate	8:55	28	B	27	1	8.18		33.99		21.08		89.0		6.50			1.5			0.09			0.004			0.09	0.06	0.03	0.18		
C1A	18/12/2018	Mid-Ebb	Fine	Moderate	8:55	28	B	27	2	8.19	8.19	33.96	33.98	21.06	21.07	89.1	89.1	6.50	6.50		1.6	1.6		0.09	0.09		0.004	0.004		0.09	0.06	0.03	0.18	0.17	
C1A	18/12/2018	Mid-Ebb	Fine	Moderate	8:55	28	B	27	3																					0.08	0.05	0.03	0.16		
C2A	18/12/2018	Mid-Ebb	Fine	Moderate	7:31	13	S	1	1	7.98		33.15		21.18		84.8		6.20			4.0			0.26			0.008			0.26	0.11	0.02	0.39		
C2A	18/12/2018	Mid-Ebb	Fine	Moderate	7:31	13	S	1	2	7.98	7.98	33.16	33.16	21.19	21.19	84.7	84.8	6.18	6.19		4.0	4.0		0.27	0.27		0.009	0.008		0.27	0.10	0.02	0.39	0.39	
C2A	18/12/2018	Mid-Ebb	Fine	Moderate	7:31	13	S	1	3											6.20										0.27	0.11	0.02	0.40		
C2A	18/12/2018	Mid-Ebb	Fine	Moderate	7:31	13	M	6.5	1	8.08		33.47		21.15		84.8		6.20			4.5			0.32			0.013			0.32	0.08	0.02	0.42		
C2A	18/12/2018	Mid-Ebb	Fine	Moderate	7:31	13	M	6.5	2	8.08	8.08	33.46	33.47	21.13	21.14	84.8	84.8	6.20	6.20		4.3	4.4	4.6	0.32	0.32	0.30	0.013	0.013	0.011	0.32	0.09	0.03	0.44	0.43	0.41
C2A	18/12/2018	Mid-Ebb	Fine	Moderate	7:31	13	M	6.5	3																					0.32	0.09	0.02	0.43		
C2A	18/12/2018	Mid-Ebb	Fine	Moderate	7:31	13	B	12	1	8.11		33.53		21.10		84.2		6.14			5.5			0.31			0.013			0.31	0.07	0.03	0.41		
C2A	18/12/2018	Mid-Ebb	Fine	Moderate	7:31	13	B	12	2	8.11	8.11	33.53	33.53	21.08	21.09	84.1	84.2	6.13	6.14		5.4	5.5		0.32	0.32		0.013	0.013		0.32	0.08	0.03	0.43	0.42	
C2A	18/12/2018	Mid-Ebb	Fine	Moderate	7:31	13	B	12	3																					0.32	0.08	0.02	0.42		
G2	18/12/2018	Mid-Ebb	Fine	Moderate	8:24	12	S	1	1	8.12		33.74		21.16		88.8		6.46			2.3			NA			NA			0.08	0.07	0.02	0.17		
G2	18/12/2018	Mid-Ebb	Fine	Moderate	8:24	12	S	1	2	8.13	8.13	33.75	33.75	21.16	21.16	89.2	89.0	6.50	6.48		2.1	2.2		NA	NA		NA	NA		0.08	0.07	0.02	0.17	0.18	
G2	18/12/2018	Mid-Ebb	Fine	Moderate	8:24	12	S	1	3											6.46										0.10	0.08	0.02	0.20		
G2	18/12/2018	Mid-Ebb	Fine	Moderate	8:24	12	M	6	1	8.16		33.76		21.12		88.3		6.45			1.5			NA			NA			0.09	0.07	0.02	0.18		
G2	18/12/2018	Mid-Ebb	Fine	Moderate	8:24	12	M	6	2	8.16	8.16	33.75	33.76	21.11	21.12	88.0	88.2	6.42	6.44		1.7	1.6	1.9	NA	NA	NA	NA	NA	NA	0.09	0.08	0.02	0.19	0.18	0.18
G2	18/12/2018	Mid-Ebb	Fine	Moderate	8:24	12	M	6	3																					0.08	0.08	0.02	0.18		
G2	18/12/2018	Mid-Ebb	Fine	Moderate	8:24	12	B	11	1	8.17		33.85		21.08		88.0		6.43			1.8			NA			NA			0.09	0.07	0.02	0.18		
G2	18/12/2018	Mid-Ebb	Fine	Moderate	8:24	12	B	11	2	8.17	8.17	33.86	33.86	21.06	21.07	87.8	87.9	6.41	6.42		1.9	1.9		NA	NA		NA	NA		0.09	0.07	0.02	0.18	0.18	
G2	18/12/2018	Mid-Ebb	Fine	Moderate	8:24	12	B	11	3																					0.09	0.07	0.02	0.18		
SR2	18/12/2018	Mid-Ebb	Fine	Moderate	8:31	8	S	1	1	8.14		33.75		21.13		89.0		6.49			2.4			0.09			0.004			NA	NA	NA	NA		
SR2	18/12/2018	Mid-Ebb	Fine	Moderate	8:31	8	S	1	2	8.14	8.14	33.77	33.76	21.13	21.13	89.2	89.1	6.51	6.50		2.5	2.5		0.09	0.09		0.004	0.004		NA	NA	NA	NA	NA	
SR2	18/12/2018	Mid-Ebb	Fine	Moderate	8:31	8	S	1	3											6.48										NA	NA	NA	NA		
SR2	18/12/2018	Mid-Ebb	Fine	Moderate	8:31	8	M	4	1	8.16		33.84		21.05		88.5		6.46			2.1			0.10			0.005			NA	NA	NA	NA		
SR2	18/12/2018	Mid-Ebb	Fine	Moderate	8:31	8	M	4	2	8.16	8.16	33.88	33.86	21.08	21.07	88.3	88.4	6.44	6.45		2.3	2.2	2.1	0.10	0.10	0.10	0.005	0.005	0.004	NA	NA	NA	NA	NA	NA
SR2	18/12/2018	Mid-Ebb	Fine	Moderate	8:31	8	M	4	3																					NA	NA	NA	NA		
SR2	18/12/2018	Mid-Ebb	Fine	Moderate	8:31	8	B	7	1	8.17		33.96		21.00		88.1		6.41			1.8			0.10			0.005			NA	NA	NA	NA		
SR2	18/12/2018	Mid-Ebb	Fine	Moderate	8:31	8	B	7	2	8.17	8.17	33.95	33.96	21.02	21.01	88.3	88.2	6.42	6.42		1.6	1.7		0.10	0.10		0.005	0.005		NA	NA	NA	NA	NA	
SR2	18/12/2018	Mid-Ebb	Fine	Moderate	8:31	8	B	7	3																					NA	NA	NA	NA		
SR3	18/12/2018	Mid-Ebb	Fine	Moderate	8:17	7	S	1	1	8.10		33.63		21.13		86.4		6.32			2.4			0.11			0.005			NA	NA	NA	NA		
SR3	18/12/2018	Mid-Ebb	Fine	Moderate	8:17	7	S	1	2	8.10	8.10	33.64	33.64	21.12	21.13	86.0	86.2	6.28	6.30		2.5	2.5		0.11	0.11		0.005	0.005		NA	NA	NA	NA	NA	
SR3	18/12/2018	Mid-Ebb	Fine	Moderate	8:17	7	S	1	3											6.29										NA	NA	NA	NA		
SR3	18/12/2018	Mid-Ebb	Fine	Moderate	8:17	7	M	3.5	1	8.14		33.70		21.08		85.7		6.26			2.1			0.11			0.005			NA	NA	NA	NA		
SR3	18/12/2018	Mid-Ebb	Fine	Moderate	8:17	7	M	3.5	2	8.14	8.14	33.71	33.71	21.09	21.09	85.8	85.8	6.28	6.27		2.3	2.2	2.2	0.11	0.11	0.12	0.005	0.005	0.005	NA	NA	NA	NA	NA	NA
SR3	18/12/2018	Mid-Ebb	Fine	Moderate	8:17	7	M	3.5	3																					NA	NA	NA	NA		
SR3	18/12/2018	Mid-Ebb	Fine	Moderate	8:17	7	B	6	1	8.14		33.77		21.00		85.2		6.24			1.9			0.13			0.006			NA	NA	NA	NA		
SR3	18/12/2018	Mid-Ebb	Fine	Moderate	8:17	7	B	6	2	8.14	8.14	33.78	33.78	21.01	21.01	85.0	85.1	6.21	6.23		1.8	1.9		0.13	0.13		0.006	0.006		NA	NA	NA	NA	NA	
SR3	18/12/2018	Mid-Ebb	Fine	Moderate	8:17	7	B	6	3																					NA	NA	NA	NA		
SR4	18/12/2018	Mid-Ebb	Fine	Moderate	8:11	4	S	1	1	8.07		33.43		21.23		80.7		5.87			3.3			0.16			0.006			NA	NA	NA	NA		
SR4	18/12/2018	Mid-Ebb	Fine	Moderate	8:11	4	S	1	2	8.08	8.08	33.44	33.44	21.23	21.23	80.3	80.5	5.83	5.85		3.5	3.4		0.16	0.16		0.006	0.006		NA	NA	NA	NA	NA	
SR4	18/12/2018	Mid-Ebb	Fine	Moderate	8:11	4	S	1	3											5.85										NA	NA	NA	NA		
SR4	18/12/2018	Mid-Ebb	Fine	Moderate	8:11	4	M		1																					NA	NA	NA	NA		
SR4	18/12/2018	Mid-Ebb	Fine	Moderate	8:11	4	M		2		NA		NA		NA		NA		NA			NA	3.4		NA	0.17		NA	0.007	NA	NA	NA	NA	NA	NA
SR4	18/12/2018	Mid-Ebb	Fine	Moderate	8:11	4	M		3																					NA	NA	NA	NA		
SR4	18/12/2018	Mid-Ebb	Fine	Moderate	8:11	4	B	3	1	8.09		33.47		21.24		78.5		5.73			3.5			0.18			0.007			NA	NA	NA	NA		
SR4	18/12/2018	Mid-Ebb	Fine	Moderate	8:11	4	B	3	2	8.09	8.09	33.49	33.48	21.25	21.25	78.4	78.5	5.72	5.73		3.4	3.5		0.18	0.18		0.007	0.007		NA	NA	NA	NA	NA	
SR4	18/12/2018	Mid-Ebb	Fine	Moderate	8:11	4	B	3	3																					NA	NA	NA	NA		

Impact Monitoring Data

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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR5	18/12/2018	Mid-Ebb	Fine	Moderate	8:42	11	S	1	1	8.10		33.75		21.17		90.2		6.58			1.7			NA			NA			0.09	0.07	0.02	0.18		
SR5	18/12/2018	Mid-Ebb	Fine	Moderate	8:42	11	S	1	2	8.10	8.10	33.75	33.75	21.19	21.18	90.0	90.1	6.56	6.57		1.5	1.6		NA	NA		NA	NA		0.09	0.08	0.02	0.19	0.18	
SR5	18/12/2018	Mid-Ebb	Fine	Moderate	8:42	11	S	1	3											6.54										0.08	0.07	0.02	0.17		
SR5	18/12/2018	Mid-Ebb	Fine	Moderate	8:42	11	M	5.5	1	8.14		33.80		21.15		89.2		6.51			1.6			NA			NA			0.08	0.07	0.02	0.17		
SR5	18/12/2018	Mid-Ebb	Fine	Moderate	8:42	11	M	5.5	2	8.14	8.14	33.81	33.81	21.13	21.14	89.0	89.1	6.50	6.51		1.4	1.5	1.4	NA	NA	NA	NA	NA	NA	0.09	0.08	0.02	0.19	0.18	0.19
SR5	18/12/2018	Mid-Ebb	Fine	Moderate	8:42	11	M	5.5	3																					0.09	0.08	0.02	0.19		
SR5	18/12/2018	Mid-Ebb	Fine	Moderate	8:42	11	B	10	1	8.16		33.94		21.08		88.9		6.49			1.2			NA			NA			0.10	0.07	0.02	0.19		
SR5	18/12/2018	Mid-Ebb	Fine	Moderate	8:42	11	B	10	2	8.16	8.16	33.95	33.95	21.10	21.09	88.8	88.9	6.48	6.49		1.1	1.2		NA	NA		NA	NA		0.10	0.07	0.02	0.19	0.19	
SR5	18/12/2018	Mid-Ebb	Fine	Moderate	8:42	11	B	10	3																					0.10	0.07	0.02	0.19		
SR12	18/12/2018	Mid-Ebb	Fine	Moderate	7:58	15	S	1	1	8.01		33.46		21.24		79.3		5.79			4.3			0.16			0.005			NA	NA	NA	NA		
SR12	18/12/2018	Mid-Ebb	Fine	Moderate	7:58	15	S	1	2	8.01	8.01	33.47	33.47	21.20	21.22	79.0	79.2	5.75	5.77		4.1	4.2		0.16	0.16		0.005	0.005		NA	NA	NA	NA	NA	
SR12	18/12/2018	Mid-Ebb	Fine	Moderate	7:58	15	S	1	3											5.76										NA	NA	NA	NA		
SR12	18/12/2018	Mid-Ebb	Fine	Moderate	7:58	15	M	7.5	1	8.06		33.52		21.20		78.6		5.77			4.8			0.17			0.006			NA	NA	NA	NA		
SR12	18/12/2018	Mid-Ebb	Fine	Moderate	7:58	15	M	7.5	2	8.06	8.06	33.55	33.54	21.22	21.21	78.5	78.6	5.74	5.76		4.6	4.7	4.5	0.18	0.18	0.18	0.007	0.007	0.006	NA	NA	NA	NA	NA	NA
SR12	18/12/2018	Mid-Ebb	Fine	Moderate	7:58	15	M	7.5	3																					NA	NA	NA	NA		
SR12	18/12/2018	Mid-Ebb	Fine	Moderate	7:58	15	B	14	1	8.07		33.62		21.15		77.8		5.67			4.5			0.18			0.007			NA	NA	NA	NA		
SR12	18/12/2018	Mid-Ebb	Fine	Moderate	7:58	15	B	14	2	8.07	8.07	33.63	33.63	21.15	21.15	77.5	77.7	5.66	5.67		4.4	4.5		0.21	0.20		0.008	0.007		NA	NA	NA	NA	NA	
SR12	18/12/2018	Mid-Ebb	Fine	Moderate	7:58	15	B	14	3																					NA	NA	NA	NA		
SR13	18/12/2018	Mid-Ebb	Fine	Moderate	7:46	14	S	1	1	8.02		33.55		21.26		85.3		6.22			5.5			NA			NA			NA	NA	NA	NA		
SR13	18/12/2018	Mid-Ebb	Fine	Moderate	7:46	14	S	1	2	8.03	8.03	33.55	33.55	21.30	21.28	85.0	85.2	6.19	6.21		5.7	5.6		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	18/12/2018	Mid-Ebb	Fine	Moderate	7:46	14	S	1	3											6.11										NA	NA	NA	NA		
SR13	18/12/2018	Mid-Ebb	Fine	Moderate	7:46	14	M	7	1	8.10		33.62		21.26		82.8		6.02			5.9			NA			NA			NA	NA	NA	NA		
SR13	18/12/2018	Mid-Ebb	Fine	Moderate	7:46	14	M	7	2	8.10	8.10	33.62	33.62	21.27	21.27	82.5	82.7	6.00	6.01		6.1	6.0	5.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	18/12/2018	Mid-Ebb	Fine	Moderate	7:46	14	M	7	3																					NA	NA	NA	NA		
SR13	18/12/2018	Mid-Ebb	Fine	Moderate	7:46	14	B	13	1	8.12		33.72		21.13		81.9		5.97			5.3			NA			NA			NA	NA	NA	NA		
SR13	18/12/2018	Mid-Ebb	Fine	Moderate	7:46	14	B	13	2	8.12	8.12	33.71	33.72	21.15	21.14	81.8	81.9	5.96	5.97		5.0	5.2		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	18/12/2018	Mid-Ebb	Fine	Moderate	7:46	14	B	13	3																					NA	NA	NA	NA		

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

Impact Monitoring Data

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	18/12/2018	Mid-Ebb	Fine	Moderate	8:55	28	S	1	1	2			0.07			0.003			0.07	0.06	0.01	0.14			4			NA			<1		
C1A	18/12/2018	Mid-Ebb	Fine	Moderate	8:55	28	S	1	2	3	2		0.08	0.08		0.004	0.004		0.08	0.05	0.02	0.15	0.18		6	5		NA	NA		1	1	
C1A	18/12/2018	Mid-Ebb	Fine	Moderate	8:55	28	S	1	3										0.15	0.07	0.02	0.24											
C1A	18/12/2018	Mid-Ebb	Fine	Moderate	8:55	28	M	14	1	4			0.07			0.003			0.07	0.04	0.02	0.13			10			NA			2		
C1A	18/12/2018	Mid-Ebb	Fine	Moderate	8:55	28	M	14	2	4	4	4	0.08	0.08	0.08	0.004	0.004	0.004	0.08	0.05	0.02	0.15	0.14	0.15	9	9	6	NA	NA	NA	2	2	2
C1A	18/12/2018	Mid-Ebb	Fine	Moderate	8:55	28	M	14	3										0.08	0.04	0.02	0.14											
C1A	18/12/2018	Mid-Ebb	Fine	Moderate	8:55	28	B	27	1	5			0.08			0.004			0.08	0.06	0.01	0.15			4			NA			2		
C1A	18/12/2018	Mid-Ebb	Fine	Moderate	8:55	28	B	27	2	6	6		0.07	0.08		0.003	0.004		0.07	0.04	0.02	0.13	0.14		6	5		NA	NA		1	2	
C1A	18/12/2018	Mid-Ebb	Fine	Moderate	8:55	28	B	27	3										0.08	0.04	0.02	0.14											
C2A	18/12/2018	Mid-Ebb	Fine	Moderate	7:31	13	S	1	1	7			0.27			0.009			0.27	0.09	0.01	0.37			150			NA			3		
C2A	18/12/2018	Mid-Ebb	Fine	Moderate	7:31	13	S	1	2	7	7		0.28	0.28		0.009	0.009		0.28	0.11	0.01	0.40	0.39		230	186		NA	NA		2	3	
C2A	18/12/2018	Mid-Ebb	Fine	Moderate	7:31	13	S	1	3										0.30	0.10	0.01	0.41											
C2A	18/12/2018	Mid-Ebb	Fine	Moderate	7:31	13	M	6.5	1	7			0.32			0.013			0.32	0.08	0.02	0.42			550			NA			3		
C2A	18/12/2018	Mid-Ebb	Fine	Moderate	7:31	13	M	6.5	2	8	8	8	0.31	0.32	0.30	0.012	0.012	0.011	0.31	0.08	0.02	0.41	0.42	0.40	720	629	237	NA	NA	NA	3	3	3
C2A	18/12/2018	Mid-Ebb	Fine	Moderate	7:31	13	M	6.5	3										0.33	0.10	0.01	0.44											
C2A	18/12/2018	Mid-Ebb	Fine	Moderate	7:31	13	B	12	1	9			0.30			0.013			0.30	0.07	0.01	0.38			140			NA			2		
C2A	18/12/2018	Mid-Ebb	Fine	Moderate	7:31	13	B	12	2	9	9		0.29	0.30		0.012	0.012		0.29	0.08	0.01	0.38	0.39		92	113		NA	NA		2	2	
C2A	18/12/2018	Mid-Ebb	Fine	Moderate	7:31	13	B	12	3										0.32	0.06	0.02	0.40											
G2	18/12/2018	Mid-Ebb	Fine	Moderate	8:24	12	S	1	1	5			NA			NA			0.08	0.06	0.01	0.15			NA			NA			NA		
G2	18/12/2018	Mid-Ebb	Fine	Moderate	8:24	12	S	1	2	5	5		NA	NA		NA	NA		0.08	0.06	0.01	0.15	0.15		NA	NA		NA	NA		NA	NA	
G2	18/12/2018	Mid-Ebb	Fine	Moderate	8:24	12	S	1	3										0.08	0.06	0.01	0.15											
G2	18/12/2018	Mid-Ebb	Fine	Moderate	8:24	12	M	6	1	6			NA			NA			0.08	0.07	<0.01	0.16			NA			NA			NA		
G2	18/12/2018	Mid-Ebb	Fine	Moderate	8:24	12	M	6	2	6	6	6	NA	NA	NA	NA	NA	NA	0.08	0.07	<0.01	0.16	0.16	0.15	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	18/12/2018	Mid-Ebb	Fine	Moderate	8:24	12	M	6	3										0.08	0.06	0.02	0.16											
G2	18/12/2018	Mid-Ebb	Fine	Moderate	8:24	12	B	11	1	7			NA			NA			0.09	0.06	0.01	0.16			NA			NA			NA		
G2	18/12/2018	Mid-Ebb	Fine	Moderate	8:24	12	B	11	2	7	7		NA	NA		NA	NA		0.07	0.05	0.01	0.13	0.14		NA	NA		NA	NA		NA	NA	
G2	18/12/2018	Mid-Ebb	Fine	Moderate	8:24	12	B	11	3										0.07	0.05	0.02	0.14											
SR2	18/12/2018	Mid-Ebb	Fine	Moderate	8:31	8	S	1	1	2			0.08			0.004			NA	NA	NA	NA			NA			NA			NA		
SR2	18/12/2018	Mid-Ebb	Fine	Moderate	8:31	8	S	1	2	2	2		0.08	0.08		0.004	0.004		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	18/12/2018	Mid-Ebb	Fine	Moderate	8:31	8	S	1	3										NA	NA	NA	NA											
SR2	18/12/2018	Mid-Ebb	Fine	Moderate	8:31	8	M	4	1	2			0.08			0.004			NA	NA	NA	NA			NA			NA			NA		
SR2	18/12/2018	Mid-Ebb	Fine	Moderate	8:31	8	M	4	2	3	2	2	0.08	0.08	0.08	0.004	0.004	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	18/12/2018	Mid-Ebb	Fine	Moderate	8:31	8	M	4	3										NA	NA	NA	NA											
SR2	18/12/2018	Mid-Ebb	Fine	Moderate	8:31	8	B	7	1	3			0.08			0.004			NA	NA	NA	NA			NA			NA			NA		
SR2	18/12/2018	Mid-Ebb	Fine	Moderate	8:31	8	B	7	2	3	3		0.08	0.08		0.004	0.004		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	18/12/2018	Mid-Ebb	Fine	Moderate	8:31	8	B	7	3										NA	NA	NA	NA											
SR3	18/12/2018	Mid-Ebb	Fine	Moderate	8:17	7	S	1	1	2			0.09			0.004			NA	NA	NA	NA			NA			NA			NA		
SR3	18/12/2018	Mid-Ebb	Fine	Moderate	8:17	7	S	1	2	3	3		0.09	0.09		0.004	0.004		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	18/12/2018	Mid-Ebb	Fine	Moderate	8:17	7	S	1	3										NA	NA	NA	NA											
SR3	18/12/2018	Mid-Ebb	Fine	Moderate	8:17	7	M	3.5	1	3			0.09			0.004			NA	NA	NA	NA			NA			NA			NA		
SR3	18/12/2018	Mid-Ebb	Fine	Moderate	8:17	7	M	3.5	2	3	3	3	0.09	0.09	0.09	0.004	0.004	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	18/12/2018	Mid-Ebb	Fine	Moderate	8:17	7	M	3.5	3										NA	NA	NA	NA											
SR3	18/12/2018	Mid-Ebb	Fine	Moderate	8:17	7	B	6	1	4			0.09			0.004			NA	NA	NA	NA			NA			NA			NA		
SR3	18/12/2018	Mid-Ebb	Fine	Moderate	8:17	7	B	6	2	5	4		0.10	0.10		0.004	0.004		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	18/12/2018	Mid-Ebb	Fine	Moderate	8:17	7	B	6	3										NA	NA	NA	NA											
SR4	18/12/2018	Mid-Ebb	Fine	Moderate	8:11	4	S	1	1	5			0.15			0.006			NA	NA	NA	NA			1000			NA			<1		
SR4	18/12/2018	Mid-Ebb	Fine	Moderate	8:11	4	S	1	2	5	5		0.15	0.15		0.006	0.006		NA	NA	NA	NA	NA		1100	1049		NA	NA		<1	1	
SR4	18/12/2018	Mid-Ebb	Fine	Moderate	8:11	4	S	1	3										NA	NA	NA	NA											
SR4	18/12/2018	Mid-Ebb	Fine	Moderate	8:11	4	M		1										NA	NA	NA	NA						NA					
SR4	18/12/2018	Mid-Ebb	Fine	Moderate	8:11	4	M		2		NA	6		NA	0.15		NA	0.006	NA	NA	NA	NA	NA	NA		NA	516	NA	NA	NA		NA	1
SR4	18/12/2018	Mid-Ebb	Fine	Moderate	8:11	4	M		3										NA	NA	NA	NA											
SR4	18/12/2018	Mid-Ebb	Fine	Moderate	8:11	4	B	3	1	6			0.14			0.006			NA	NA	NA	NA			230			NA			<1		
SR4	18/12/2018	Mid-Ebb	Fine	Moderate	8:11	4	B	3	2	7	7		0.15	0.15		0.006	0.006		NA	NA	NA	NA	NA		280	254		NA	NA		<1	1	
SR4	18/12/2018	Mid-Ebb	Fine	Moderate	8:11	4	B	3	3										NA	NA	NA	NA											

Impact Monitoring Data

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.
SR5	18/12/2018	Mid-Ebb	Fine	Moderate	8:42	11	S	1	1	3			NA			NA			0.08	0.07	<0.01	0.16			NA			NA			NA		
SR5	18/12/2018	Mid-Ebb	Fine	Moderate	8:42	11	S	1	2	3	3		NA	NA		NA	NA		0.08	0.06	<0.01	0.15	0.15		NA	NA		NA	NA		NA	NA	
SR5	18/12/2018	Mid-Ebb	Fine	Moderate	8:42	11	S	1	3										0.08	0.06	0.01	0.15											
SR5	18/12/2018	Mid-Ebb	Fine	Moderate	8:42	11	M	5.5	1	7			NA			NA			0.08	0.06	0.01	0.15			NA			NA			NA		
SR5	18/12/2018	Mid-Ebb	Fine	Moderate	8:42	11	M	5.5	2	8	7	6	NA	NA	NA	NA	NA	NA	0.08	0.05	0.01	0.14	0.15	0.15	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	18/12/2018	Mid-Ebb	Fine	Moderate	8:42	11	M	5.5	3										0.08	0.06	0.01	0.15											
SR5	18/12/2018	Mid-Ebb	Fine	Moderate	8:42	11	B	10	1	8			NA			NA			0.09	0.06	0.01	0.16			NA			NA			NA		
SR5	18/12/2018	Mid-Ebb	Fine	Moderate	8:42	11	B	10	2	9	9		NA	NA		NA	NA		0.09	0.06	0.01	0.16	0.16		NA	NA		NA	NA		NA	NA	
SR5	18/12/2018	Mid-Ebb	Fine	Moderate	8:42	11	B	10	3										0.09	0.05	0.01	0.15											
SR12	18/12/2018	Mid-Ebb	Fine	Moderate	7:58	15	S	1	1	6			0.15			0.005			NA	NA	NA	NA			43			NA			<1		
SR12	18/12/2018	Mid-Ebb	Fine	Moderate	7:58	15	S	1	2	5	5		0.15	0.15		0.005	0.005		NA	NA	NA	NA	NA		47	45		NA	NA		<1	1	
SR12	18/12/2018	Mid-Ebb	Fine	Moderate	7:58	15	S	1	3										NA	NA	NA	NA											
SR12	18/12/2018	Mid-Ebb	Fine	Moderate	7:58	15	M	7.5	1	7			0.15			0.006			NA	NA	NA	NA			50			NA			1		
SR12	18/12/2018	Mid-Ebb	Fine	Moderate	7:58	15	M	7.5	2	6	6	6	0.15	0.15	0.15	0.006	0.006	0.005	NA	NA	NA	NA	NA	NA	39	44	48	NA	NA	NA	1	1	1
SR12	18/12/2018	Mid-Ebb	Fine	Moderate	7:58	15	M	7.5	3										NA	NA	NA	NA											
SR12	18/12/2018	Mid-Ebb	Fine	Moderate	7:58	15	B	14	1	7			0.15			0.006			NA	NA	NA	NA			43			NA			1		
SR12	18/12/2018	Mid-Ebb	Fine	Moderate	7:58	15	B	14	2	7	7		0.15	0.15		0.006	0.006		NA	NA	NA	NA	NA		74	56		NA	NA		1	1	
SR12	18/12/2018	Mid-Ebb	Fine	Moderate	7:58	15	B	14	3										NA	NA	NA	NA											
SR13	18/12/2018	Mid-Ebb	Fine	Moderate	7:46	14	S	1	1	6			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	18/12/2018	Mid-Ebb	Fine	Moderate	7:46	14	S	1	2	6	6		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	18/12/2018	Mid-Ebb	Fine	Moderate	7:46	14	S	1	3										NA	NA	NA	NA											
SR13	18/12/2018	Mid-Ebb	Fine	Moderate	7:46	14	M	7	1	8			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	18/12/2018	Mid-Ebb	Fine	Moderate	7:46	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	18/12/2018	Mid-Ebb	Fine	Moderate	7:46	14	M	7	3										NA	NA	NA	NA											
SR13	18/12/2018	Mid-Ebb	Fine	Moderate	7:46	14	B	13	1	9			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	18/12/2018	Mid-Ebb	Fine	Moderate	7:46	14	B	13	2	9	9		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	18/12/2018	Mid-Ebb	Fine	Moderate	7:46	14	B	13	3										NA	NA	NA	NA											

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

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																											
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.						
C1A	20/12/2018	Mid-Flood	Fine	Moderate	7:10	28	S	1	1	8.11		33.68		21.09		89.5		6.54			3.0			0.08			0.003			0.08	0.07	0.02	0.17		
C1A	20/12/2018	Mid-Flood	Fine	Moderate	7:10	28	S	1	2	8.11	8.11	33.68	33.68	21.08	21.09	89.4	89.5	6.54	6.54		2.6	2.8		0.09	0.09		0.004	0.004		0.09	0.07	0.02	0.18	0.18	
C1A	20/12/2018	Mid-Flood	Fine	Moderate	7:10	28	S	1	3											6.53										0.09	0.08	0.03	0.20		
C1A	20/12/2018	Mid-Flood	Fine	Moderate	7:10	28	M	14	1	8.12		33.75		21.01		89.2		6.53			3.1			0.10			0.004			0.10	0.09	0.03	0.22		
C1A	20/12/2018	Mid-Flood	Fine	Moderate	7:10	28	M	14	2	8.12	8.12	33.75	33.75	21.01	21.01	89.0	89.1	6.50	6.52		3.1	3.1	3.5	0.11	0.11	0.11	0.005	0.004	0.004	0.11	0.09	0.03	0.23	0.22	0.22
C1A	20/12/2018	Mid-Flood	Fine	Moderate	7:10	28	M	14	3																					0.11	0.08	0.03	0.22		
C1A	20/12/2018	Mid-Flood	Fine	Moderate	7:10	28	B	27	1	8.12		33.89		20.98		88.8		6.48			4.4			0.13			0.005			0.13	0.09	0.03	0.25		
C1A	20/12/2018	Mid-Flood	Fine	Moderate	7:10	28	B	27	2	8.12	8.12	33.89	33.89	20.97	20.98	88.8	88.8	6.46	6.47		4.6	4.5		0.12	0.13		0.005	0.005		0.12	0.10	0.03	0.25	0.26	
C1A	20/12/2018	Mid-Flood	Fine	Moderate	7:10	28	B	27	3																					0.13	0.10	0.03	0.26		
C2A	20/12/2018	Mid-Flood	Fine	Moderate	5:43	13	S	1	1	8.01		33.86		21.21		83.0		6.08			3.9			0.49			0.016			0.49	0.07	0.02	0.58		
C2A	20/12/2018	Mid-Flood	Fine	Moderate	5:43	13	S	1	2	8.01	8.01	33.87	33.87	21.19	21.20	82.8	82.9	6.06	6.07		4.1	4.0		0.48	0.49		0.016	0.016		0.48	0.07	0.02	0.57	0.57	
C2A	20/12/2018	Mid-Flood	Fine	Moderate	5:43	13	S	1	3											6.05										0.48	0.07	0.02	0.57		
C2A	20/12/2018	Mid-Flood	Fine	Moderate	5:43	13	M	6.5	1	8.05		33.30		21.14		82.5		6.04			3.3			0.56			0.021			0.56	0.07	0.02	0.65		
C2A	20/12/2018	Mid-Flood	Fine	Moderate	5:43	13	M	6.5	2	8.05	8.05	33.34	33.32	21.14	21.14	82.7	82.6	6.03	6.04		3.4	3.4	3.5	0.56	0.56	0.55	0.021	0.021	0.020	0.56	0.07	0.03	0.66	0.65	0.65
C2A	20/12/2018	Mid-Flood	Fine	Moderate	5:43	13	M	6.5	3																					0.56	0.06	0.03	0.65		
C2A	20/12/2018	Mid-Flood	Fine	Moderate	5:43	13	B	12	1	8.06		33.45		21.12		82.1		6.01			3.2			0.61			0.023			0.61	0.08	0.04	0.73		
C2A	20/12/2018	Mid-Flood	Fine	Moderate	5:43	13	B	12	2	8.06	8.06	33.45	33.45	21.11	21.12	81.9	82.0	5.99	6.00		3.3	3.3		0.61	0.61		0.023	0.023		0.61	0.08	0.03	0.72	0.73	
C2A	20/12/2018	Mid-Flood	Fine	Moderate	5:43	13	B	12	3																					0.62	0.08	0.04	0.74		
G2	20/12/2018	Mid-Flood	Fine	Moderate	6:38	12	S	1	1	8.05		33.67		21.11		88.0		6.43			1.5			NA			NA			0.11	0.07	0.03	0.21		
G2	20/12/2018	Mid-Flood	Fine	Moderate	6:38	12	S	1	2	8.05	8.05	33.68	33.68	21.10	21.11	87.9	88.0	6.42	6.43		1.7	1.6		NA	NA		NA	NA		0.11	0.07	0.03	0.21	0.22	
G2	20/12/2018	Mid-Flood	Fine	Moderate	6:38	12	S	1	3											6.41										0.11	0.08	0.03	0.22		
G2	20/12/2018	Mid-Flood	Fine	Moderate	6:38	12	M	6	1	8.11		33.69		21.09		87.6		6.40			1.8			NA			NA			0.11	0.08	0.03	0.22		
G2	20/12/2018	Mid-Flood	Fine	Moderate	6:38	12	M	6	2	8.11	8.11	33.68	33.69	21.07	21.08	87.5	87.6	6.40	6.40		1.9	1.9	1.7	NA	NA	NA	NA	NA	NA	0.12	0.08	0.04	0.24	0.23	0.23
G2	20/12/2018	Mid-Flood	Fine	Moderate	6:38	12	M	6	3																					0.12	0.08	0.03	0.23		
G2	20/12/2018	Mid-Flood	Fine	Moderate	6:38	12	B	11	1	8.12		33.71		21.05		87.7		6.42			1.7			NA			NA			0.13	0.08	0.05	0.26		
G2	20/12/2018	Mid-Flood	Fine	Moderate	6:38	12	B	11	2	8.12	8.12	33.72	33.72	21.06	21.06	87.6	87.7	6.41	6.42		1.8	1.8		NA	NA		NA	NA		0.12	0.09	0.04	0.25	0.25	
G2	20/12/2018	Mid-Flood	Fine	Moderate	6:38	12	B	11	3																					0.12	0.08	0.04	0.24		
SR2	20/12/2018	Mid-Flood	Fine	Moderate	6:44	8	S	1	1	8.08		33.66		21.13		89.5		6.54			1.6			0.09			0.004			NA	NA	NA	NA		
SR2	20/12/2018	Mid-Flood	Fine	Moderate	6:44	8	S	1	2	8.08	8.08	33.67	33.67	21.12	21.13	89.2	89.4	6.51	6.53		1.5	1.6		0.09	0.09		0.004	0.004		NA	NA	NA	NA	NA	
SR2	20/12/2018	Mid-Flood	Fine	Moderate	6:44	8	S	1	3											6.47										NA	NA	NA	NA		
SR2	20/12/2018	Mid-Flood	Fine	Moderate	6:44	8	M	4	1	8.10		33.72		21.08		87.8		6.42			1.5			0.11			0.004			NA	NA	NA	NA		
SR2	20/12/2018	Mid-Flood	Fine	Moderate	6:44	8	M	4	2	8.10	8.10	33.74	33.73	21.09	21.09	87.7	87.8	6.41	6.42		1.6	1.6	1.6	0.10	0.11	0.11	0.004	0.004	0.004	NA	NA	NA	NA	NA	NA
SR2	20/12/2018	Mid-Flood	Fine	Moderate	6:44	8	M	4	3																					NA	NA	NA	NA		
SR2	20/12/2018	Mid-Flood	Fine	Moderate	6:44	8	B	7	1	8.11		33.79		21.00		87.5		6.39			1.7			0.12			0.005			NA	NA	NA	NA		
SR2	20/12/2018	Mid-Flood	Fine	Moderate	6:44	8	B	7	2	8.11	8.11	33.82	33.81	21.00	21.00	87.3	87.4	6.37	6.38		1.8	1.8		0.13	0.13		0.005	0.005		NA	NA	NA	NA	NA	
SR2	20/12/2018	Mid-Flood	Fine	Moderate	6:44	8	B	7	3																					NA	NA	NA	NA		
SR3	20/12/2018	Mid-Flood	Fine	Moderate	6:30	7	S	1	1	8.08		33.61		21.17		89.3		6.44			3.1			0.14			0.005			NA	NA	NA	NA		
SR3	20/12/2018	Mid-Flood	Fine	Moderate	6:30	7	S	1	2	8.08	8.08	33.63	33.62	21.18	21.18	89.7	89.5	6.40	6.42		3.3	3.2		0.14	0.14		0.005	0.005		NA	NA	NA	NA	NA	
SR3	20/12/2018	Mid-Flood	Fine	Moderate	6:30	7	S	1	3											6.35										NA	NA	NA	NA		
SR3	20/12/2018	Mid-Flood	Fine	Moderate	6:30	7	M	3.5	1	8.11		33.67		21.14		86.2		6.29			3.5			0.12			0.005			NA	NA	NA	NA		
SR3	20/12/2018	Mid-Flood	Fine	Moderate	6:30	7	M	3.5	2	8.11	8.11	33.71	33.69	21.13	21.14	86.0	86.1	6.27	6.28		3.4	3.5	3.3	0.13	0.13	0.13	0.005	0.005	0.005	NA	NA	NA	NA	NA	NA
SR3	20/12/2018	Mid-Flood	Fine	Moderate	6:30	7	M	3.5	3																					NA	NA	NA	NA		
SR3	20/12/2018	Mid-Flood	Fine	Moderate	6:30	7	B	6	1	8.11		33.74		21.1		85.5		6.24			3.1			0.13			0.005			NA	NA	NA	NA		
SR3	20/12/2018	Mid-Flood	Fine	Moderate	6:30	7	B	6	2	8.11	8.11	33.74	33.74	21.1	21.12	85.3	85.4	6.23	6.24		3.2	3.2		0.13	0.13		0.005	0.005		NA	NA	NA	NA	NA	
SR3	20/12/2018	Mid-Flood	Fine	Moderate	6:30	7	B	6	3																					NA	NA	NA	NA		
SR4	20/12/2018	Mid-Flood	Fine	Moderate	6:18	4	S	1	1	8.08		33.62		21.18		85.1		6.21			5.1			0.10			0.004			NA	NA	NA	NA		
SR4	20/12/2018	Mid-Flood	Fine	Moderate	6:18	4	S	1	2	8.08	8.08	33.63	33.63	21.19	21.19	85.0	85.1	6.19	6.20		5.2	5.2		0.11	0.11		0.004	0.004		NA	NA	NA	NA	NA	
SR4	20/12/2018	Mid-Flood	Fine	Moderate	6:18	4	S	1	3											6.20										NA	NA	NA	NA		
SR4	20/12/2018	Mid-Flood	Fine	Moderate	6:18	4	M		1																					NA	NA	NA	NA		
SR4	20/12/2018	Mid-Flood	Fine	Moderate	6:18	4	M		2		NA		NA		NA		NA		NA			NA	4.6		NA	0.11		NA	0.005	NA	NA	NA	NA	NA	NA
SR4	20/12/2018	Mid-Flood	Fine	Moderate	6:18	4	M		3																					NA	NA	NA	NA		
SR4	20/12/2018	Mid-Flood	Fine	Moderate	6:18	4	B	3	1	8.10		33.65		21.18		84.2		6.14			4.0			0.12			0.005			NA	NA	NA	NA		
SR4	20/12/2018	Mid-Flood	Fine	Moderate	6:18	4	B	3	2	8.10	8.10	33.66	33.66	21.19	21.19	84.1	84.2	6.14	6.14		4.1	4.1		0.12	0.12		0.005	0.005		NA	NA	NA	NA	NA	
SR4	20/12/2018	Mid-Flood	Fine	Moderate	6:18	4	B	3	3																					NA	NA	NA	NA		

Impact Monitoring Data

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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR5	20/12/2018	Mid-Flood	Fine	Moderate	6:58	11	S	1	1	8.07		33.68		21.14		89.0		6.50			2.4			NA			NA			0.09	0.06	0.03	0.18		
SR5	20/12/2018	Mid-Flood	Fine	Moderate	6:58	11	S	1	2	8.08	8.08	33.69	33.69	21.13	21.14	89.0	89.0	6.49	6.50		2.5	2.5		NA	NA		NA	NA		0.09	0.07	0.03	0.19	0.19	
SR5	20/12/2018	Mid-Flood	Fine	Moderate	6:58	11	S	1	3											6.48										0.10	0.06	0.03	0.19		
SR5	20/12/2018	Mid-Flood	Fine	Moderate	6:58	11	M	5.5	1	8.14		33.76		21.06		88.5		6.47			2.7			NA			NA			0.12	0.07	0.03	0.22		
SR5	20/12/2018	Mid-Flood	Fine	Moderate	6:58	11	M	5.5	2	8.14	8.14	33.77	33.77	21.05	21.06	88.6	88.6	6.46	6.47		2.8	2.8	3.0	NA	NA	NA	NA	NA	NA	0.11	0.08	0.03	0.22	0.22	0.22
SR5	20/12/2018	Mid-Flood	Fine	Moderate	6:58	11	M	5.5	3																					0.11	0.08	0.03	0.22		
SR5	20/12/2018	Mid-Flood	Fine	Moderate	6:58	11	B	10	1	8.14		33.81		21.00		88.3		6.46			3.9			NA			NA			0.12	0.07	0.04	0.23		
SR5	20/12/2018	Mid-Flood	Fine	Moderate	6:58	11	B	10	2	8.14	8.14	33.88	33.85	21.02	21.01	88.2	88.3	6.45	6.46		3.7	3.8		NA	NA		NA	NA		0.13	0.07	0.04	0.24	0.24	
SR5	20/12/2018	Mid-Flood	Fine	Moderate	6:58	11	B	10	3																					0.13	0.08	0.04	0.25		
SR12	20/12/2018	Mid-Flood	Fine	Moderate	6:07	15	S	1	1	8.07		33.50		21.24		82.5		6.01			3.9			0.16			0.006			NA	NA	NA	NA		
SR12	20/12/2018	Mid-Flood	Fine	Moderate	6:07	15	S	1	2	8.07	8.07	33.51	33.51	21.25	21.25	82.4	82.5	6.00	6.01		3.8	3.9		0.16	0.16		0.006	0.006		NA	NA	NA	NA	NA	
SR12	20/12/2018	Mid-Flood	Fine	Moderate	6:07	15	S	1	3											5.97										NA	NA	NA	NA		
SR12	20/12/2018	Mid-Flood	Fine	Moderate	6:07	15	M	7.5	1	8.08		33.55		21.20		81.5		5.94			4.0			0.16			0.006			NA	NA	NA	NA		
SR12	20/12/2018	Mid-Flood	Fine	Moderate	6:07	15	M	7.5	2	8.08	8.08	33.57	33.56	21.18	21.19	81.4	81.5	5.93	5.94		4.1	4.1	4.2	0.16	0.16	0.16	0.006	0.006	0.006	NA	NA	NA	NA	NA	NA
SR12	20/12/2018	Mid-Flood	Fine	Moderate	6:07	15	M	7.5	3																					NA	NA	NA	NA		
SR12	20/12/2018	Mid-Flood	Fine	Moderate	6:07	15	B	14	1	8.07		33.62		21.14		80.2		5.85			4.2			0.17			0.007			NA	NA	NA	NA		
SR12	20/12/2018	Mid-Flood	Fine	Moderate	6:07	15	B	14	2	8.08	8.08	33.65	33.64	21.17	21.16	80.2	80.2	5.85	5.85		4.9	4.6		0.17	0.17		0.007	0.007		NA	NA	NA	NA	NA	
SR12	20/12/2018	Mid-Flood	Fine	Moderate	6:07	15	B	14	3																					NA	NA	NA	NA		
SR13	20/12/2018	Mid-Flood	Fine	Moderate	5:56	14	S	1	1	8.03		33.48		21.25		82.6		6.00			3.7			NA			NA			NA	NA	NA	NA		
SR13	20/12/2018	Mid-Flood	Fine	Moderate	5:56	14	S	1	2	8.04	8.04	33.50	33.49	21.25	21.25	82.0	82.3	5.98	5.99		3.6	3.7		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	20/12/2018	Mid-Flood	Fine	Moderate	5:56	14	S	1	3											5.96										NA	NA	NA	NA		
SR13	20/12/2018	Mid-Flood	Fine	Moderate	5:56	14	M	7	1	8.06		33.53		21.20		81.1		5.92			4.3			NA			NA			NA	NA	NA	NA		
SR13	20/12/2018	Mid-Flood	Fine	Moderate	5:56	14	M	7	2	8.05	8.06	33.55	33.54	21.19	21.20	81.1	81.1	5.92	5.92		4.3	4.3	4.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	20/12/2018	Mid-Flood	Fine	Moderate	5:56	14	M	7	3																					NA	NA	NA	NA		
SR13	20/12/2018	Mid-Flood	Fine	Moderate	5:56	14	B	13	1	8.09		33.61		21.14		81.0		5.91			4.9			NA			NA			NA	NA	NA	NA		
SR13	20/12/2018	Mid-Flood	Fine	Moderate	5:56	14	B	13	2	8.09	8.09	33.62	33.62	21.13	21.14	80.8	80.9	5.89	5.90		4.8	4.9		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	20/12/2018	Mid-Flood	Fine	Moderate	5:56	14	B	13	3																					NA	NA	NA	NA		

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

Impact Monitoring Data

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	20/12/2018	Mid-Flood	Fine	Moderate	7:10	28	S	1	1	5			0.08			0.003			0.08	0.06	0.03	0.17			12			NA			1		
C1A	20/12/2018	Mid-Flood	Fine	Moderate	7:10	28	S	1	2	6	5		0.09	0.09		0.004	0.004		0.09	0.08	0.02	0.19	0.18		18	15		NA	NA		1	1	
C1A	20/12/2018	Mid-Flood	Fine	Moderate	7:10	28	S	1	3										0.08	0.08	0.02	0.18											
C1A	20/12/2018	Mid-Flood	Fine	Moderate	7:10	28	M	14	1	5			0.09			0.004			0.09	0.08	0.02	0.19			12			NA			2		
C1A	20/12/2018	Mid-Flood	Fine	Moderate	7:10	28	M	14	2	5	5	5	0.10	0.10	0.09	0.004	0.004	0.004	0.10	0.06	0.03	0.19	0.19	0.18	16	14	12	NA	NA	NA	1	2	1
C1A	20/12/2018	Mid-Flood	Fine	Moderate	7:10	28	M	14	3										0.10	0.06	0.03	0.19											
C1A	20/12/2018	Mid-Flood	Fine	Moderate	7:10	28	B	27	1	5			0.09			0.004			0.09	0.07	0.03	0.19			10			NA			<1		
C1A	20/12/2018	Mid-Flood	Fine	Moderate	7:10	28	B	27	2	6	6		0.08	0.09		0.003	0.004		0.08	0.08	0.02	0.18	0.18		8	9		NA	NA		<1	1	
C1A	20/12/2018	Mid-Flood	Fine	Moderate	7:10	28	B	27	3										0.09	0.06	0.03	0.18											
C2A	20/12/2018	Mid-Flood	Fine	Moderate	5:43	13	S	1	1	7			0.51			0.017			0.51	0.07	0.02	0.60			580			NA			2		
C2A	20/12/2018	Mid-Flood	Fine	Moderate	5:43	13	S	1	2	7	7		0.53	0.52		0.018	0.017		0.53	0.06	0.03	0.62	0.61		770	668		NA	NA		3	3	
C2A	20/12/2018	Mid-Flood	Fine	Moderate	5:43	13	S	1	3										0.53	0.07	0.02	0.62											
C2A	20/12/2018	Mid-Flood	Fine	Moderate	5:43	13	M	6.5	1	7			0.55			0.020			0.55	0.06	0.02	0.63			1000			NA			3		
C2A	20/12/2018	Mid-Flood	Fine	Moderate	5:43	13	M	6.5	2	7	7	7	0.55	0.55	0.53	0.020	0.020	0.019	0.55	0.06	0.03	0.64	0.64	0.62	1400	1183	879	NA	NA	NA	3	3	3
C2A	20/12/2018	Mid-Flood	Fine	Moderate	5:43	13	M	6.5	3										0.55	0.08	0.02	0.65											
C2A	20/12/2018	Mid-Flood	Fine	Moderate	5:43	13	B	12	1	7			0.52			0.019			0.52	0.06	0.03	0.61			800			NA			3		
C2A	20/12/2018	Mid-Flood	Fine	Moderate	5:43	13	B	12	2	6	7		0.52	0.52		0.019	0.019		0.52	0.08	0.02	0.62	0.61		920	858		NA	NA		3	3	
C2A	20/12/2018	Mid-Flood	Fine	Moderate	5:43	13	B	12	3										0.52	0.06	0.03	0.61											
G2	20/12/2018	Mid-Flood	Fine	Moderate	6:38	12	S	1	1	3			NA			NA			0.10	0.07	0.02	0.19			NA			NA			NA		
G2	20/12/2018	Mid-Flood	Fine	Moderate	6:38	12	S	1	2	4	3		NA	NA		NA	NA		0.11	0.07	0.03	0.21	0.20		NA	NA		NA	NA		NA	NA	
G2	20/12/2018	Mid-Flood	Fine	Moderate	6:38	12	S	1	3										0.11	0.08	0.02	0.21											
G2	20/12/2018	Mid-Flood	Fine	Moderate	6:38	12	M	6	1	4			NA			NA			0.11	0.08	0.02	0.21			NA			NA			NA		
G2	20/12/2018	Mid-Flood	Fine	Moderate	6:38	12	M	6	2	3	3	4	NA	NA	NA	NA	NA	NA	0.10	0.06	0.03	0.19	0.20	0.20	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	20/12/2018	Mid-Flood	Fine	Moderate	6:38	12	M	6	3										0.10	0.06	0.03	0.19											
G2	20/12/2018	Mid-Flood	Fine	Moderate	6:38	12	B	11	1	5			NA			NA			0.10	0.07	0.03	0.20			NA			NA			NA		
G2	20/12/2018	Mid-Flood	Fine	Moderate	6:38	12	B	11	2	4	4		NA	NA		NA	NA		0.10	0.06	0.03	0.19	0.19		NA	NA		NA	NA		NA	NA	
G2	20/12/2018	Mid-Flood	Fine	Moderate	6:38	12	B	11	3										0.10	0.06	0.03	0.19											
SR2	20/12/2018	Mid-Flood	Fine	Moderate	6:44	8	S	1	1	3			0.10			0.004			NA	NA	NA	NA			NA			NA			NA		
SR2	20/12/2018	Mid-Flood	Fine	Moderate	6:44	8	S	1	2	4	3		0.10	0.10		0.004	0.004		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	20/12/2018	Mid-Flood	Fine	Moderate	6:44	8	S	1	3										NA	NA	NA	NA											
SR2	20/12/2018	Mid-Flood	Fine	Moderate	6:44	8	M	4	1	3			0.09			0.004			NA	NA	NA	NA			NA			NA			NA		
SR2	20/12/2018	Mid-Flood	Fine	Moderate	6:44	8	M	4	2	3	3	3	0.11	0.10	0.10	0.004	0.004	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	20/12/2018	Mid-Flood	Fine	Moderate	6:44	8	M	4	3										NA	NA	NA	NA											
SR2	20/12/2018	Mid-Flood	Fine	Moderate	6:44	8	B	7	1	3			0.10			0.004			NA	NA	NA	NA			NA			NA			NA		
SR2	20/12/2018	Mid-Flood	Fine	Moderate	6:44	8	B	7	2	4	3		0.11	0.11		0.005	0.004		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	20/12/2018	Mid-Flood	Fine	Moderate	6:44	8	B	7	3										NA	NA	NA	NA											
SR3	20/12/2018	Mid-Flood	Fine	Moderate	6:30	7	S	1	1	4			0.14			0.005			NA	NA	NA	NA			NA			NA			NA		
SR3	20/12/2018	Mid-Flood	Fine	Moderate	6:30	7	S	1	2	4	4		0.14	0.14		0.005	0.005		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	20/12/2018	Mid-Flood	Fine	Moderate	6:30	7	S	1	3										NA	NA	NA	NA											
SR3	20/12/2018	Mid-Flood	Fine	Moderate	6:30	7	M	3.5	1	4			0.13			0.005			NA	NA	NA	NA			NA			NA			NA		
SR3	20/12/2018	Mid-Flood	Fine	Moderate	6:30	7	M	3.5	2	5	5	5	0.13	0.13	0.13	0.005	0.005	0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	20/12/2018	Mid-Flood	Fine	Moderate	6:30	7	M	3.5	3										NA	NA	NA	NA											
SR3	20/12/2018	Mid-Flood	Fine	Moderate	6:30	7	B	6	1	6			0.13			0.005			NA	NA	NA	NA			NA			NA			NA		
SR3	20/12/2018	Mid-Flood	Fine	Moderate	6:30	7	B	6	2	5	5		0.13	0.13		0.005	0.005		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	20/12/2018	Mid-Flood	Fine	Moderate	6:30	7	B	6	3										NA	NA	NA	NA											
SR4	20/12/2018	Mid-Flood	Fine	Moderate	6:18	4	S	1	1	7			0.11			0.004			NA	NA	NA	NA			340			NA			1		
SR4	20/12/2018	Mid-Flood	Fine	Moderate	6:18	4	S	1	2	6	7		0.12	0.12		0.005	0.005		NA	NA	NA	NA	NA		440	387		NA	NA		<1	1	
SR4	20/12/2018	Mid-Flood	Fine	Moderate	6:18	4	S	1	3										NA	NA	NA	NA											
SR4	20/12/2018	Mid-Flood	Fine	Moderate	6:18	4	M		1										NA	NA	NA	NA						NA					
SR4	20/12/2018	Mid-Flood	Fine	Moderate	6:18	4	M		2		NA	7		NA	0.12		NA	0.005	NA	NA	NA	NA	NA	NA		NA	434	NA	NA	NA		NA	1
SR4	20/12/2018	Mid-Flood	Fine	Moderate	6:18	4	M		3										NA	NA	NA	NA											
SR4	20/12/2018	Mid-Flood	Fine	Moderate	6:18	4	B	3	1	8			0.13			0.005			NA	NA	NA	NA			550			NA			<1		
SR4	20/12/2018	Mid-Flood	Fine	Moderate	6:18	4	B	3	2	7	7		0.13	0.13		0.005	0.005		NA	NA	NA	NA	NA		430	486		NA	NA		1	1	
SR4	20/12/2018	Mid-Flood	Fine	Moderate	6:18	4	B	3	3										NA	NA	NA	NA											

Impact Monitoring Data

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.
SR5	20/12/2018	Mid-Flood	Fine	Moderate	6:58	11	S	1	1	4			NA			NA			0.11	0.06	0.03	0.20			NA			NA			NA		
SR5	20/12/2018	Mid-Flood	Fine	Moderate	6:58	11	S	1	2	5	4		NA	NA		NA	NA		0.10	0.06	0.02	0.18	0.19		NA	NA		NA	NA		NA	NA	
SR5	20/12/2018	Mid-Flood	Fine	Moderate	6:58	11	S	1	3										0.10	0.06	0.03	0.19											
SR5	20/12/2018	Mid-Flood	Fine	Moderate	6:58	11	M	5.5	1	5			NA			NA			0.09	0.06	0.03	0.18			NA			NA			NA		
SR5	20/12/2018	Mid-Flood	Fine	Moderate	6:58	11	M	5.5	2	6	5	5	NA	NA	NA	NA	NA	NA	0.10	0.07	0.02	0.19	0.19	0.19	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	20/12/2018	Mid-Flood	Fine	Moderate	6:58	11	M	5.5	3										0.10	0.06	0.03	0.19											
SR5	20/12/2018	Mid-Flood	Fine	Moderate	6:58	11	B	10	1	5			NA			NA			0.08	0.07	0.02	0.17			NA			NA			NA		
SR5	20/12/2018	Mid-Flood	Fine	Moderate	6:58	11	B	10	2	6	5		NA	NA		NA	NA		0.10	0.06	0.03	0.19	0.18		NA	NA		NA	NA		NA	NA	
SR5	20/12/2018	Mid-Flood	Fine	Moderate	6:58	11	B	10	3										0.10	0.06	0.03	0.19											
SR12	20/12/2018	Mid-Flood	Fine	Moderate	6:07	15	S	1	1	7			0.15			0.006			NA	NA	NA	NA			130			NA			1		
SR12	20/12/2018	Mid-Flood	Fine	Moderate	6:07	15	S	1	2	7	7		0.15	0.15		0.006	0.006		NA	NA	NA	NA	NA		210	165		NA	NA		<1	1	
SR12	20/12/2018	Mid-Flood	Fine	Moderate	6:07	15	S	1	3										NA	NA	NA	NA											
SR12	20/12/2018	Mid-Flood	Fine	Moderate	6:07	15	M	7.5	1	6			0.15			0.006			NA	NA	NA	NA			400			NA			1		
SR12	20/12/2018	Mid-Flood	Fine	Moderate	6:07	15	M	7.5	2	6	6	6	0.15	0.15	0.15	0.006	0.006	0.006	NA	NA	NA	NA	NA	NA	630	502	341	NA	NA	NA	1	1	1
SR12	20/12/2018	Mid-Flood	Fine	Moderate	6:07	15	M	7.5	3										NA	NA	NA	NA											
SR12	20/12/2018	Mid-Flood	Fine	Moderate	6:07	15	B	14	1	6			0.14			0.005			NA	NA	NA	NA			400			NA			1		
SR12	20/12/2018	Mid-Flood	Fine	Moderate	6:07	15	B	14	2	5	6		0.15	0.15		0.006	0.006		NA	NA	NA	NA	NA		570	477		NA	NA		1	1	
SR12	20/12/2018	Mid-Flood	Fine	Moderate	6:07	15	B	14	3										NA	NA	NA	NA											
SR13	20/12/2018	Mid-Flood	Fine	Moderate	5:56	14	S	1	1	7			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	20/12/2018	Mid-Flood	Fine	Moderate	5:56	14	S	1	2	7	7		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	20/12/2018	Mid-Flood	Fine	Moderate	5:56	14	S	1	3										NA	NA	NA	NA											
SR13	20/12/2018	Mid-Flood	Fine	Moderate	5:56	14	M	7	1	7			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	20/12/2018	Mid-Flood	Fine	Moderate	5:56	14	M	7	2	6	6	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	20/12/2018	Mid-Flood	Fine	Moderate	5:56	14	M	7	3										NA	NA	NA	NA											
SR13	20/12/2018	Mid-Flood	Fine	Moderate	5:56	14	B	13	1	7			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	20/12/2018	Mid-Flood	Fine	Moderate	5:56	14	B	13	2	7	7		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	20/12/2018	Mid-Flood	Fine	Moderate	5:56	14	B	13	3										NA	NA	NA	NA											

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

Impact Monitoring Data

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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
C1A	20/12/2018	Mid-Ebb	Fine	Moderate	8:00	28	S	1	1	8.11		33.70		21.06		89.3		6.54			3.0			0.11			0.005			0.11	0.08	0.02	0.21		
C1A	20/12/2018	Mid-Ebb	Fine	Moderate	8:00	28	S	1	2	8.12	8.12	33.71	33.71	21.08	21.07	89.0	89.2	6.50	6.52		2.8	2.9		0.11	0.11		0.005	0.005		0.11	0.07	0.02	0.20	0.21	
C1A	20/12/2018	Mid-Ebb	Fine	Moderate	8:00	28	S	1	3																					0.10	0.08	0.03	0.21		
C1A	20/12/2018	Mid-Ebb	Fine	Moderate	8:00	28	M	14	1	8.13		33.76		21.00		89.1		6.51			3.2			0.12			0.005			0.12	0.07	0.03	0.22		
C1A	20/12/2018	Mid-Ebb	Fine	Moderate	8:00	28	M	14	2	8.13	8.13	33.78	33.77	21.01	21.01	88.8	89.0	6.50	6.51		3.3	3.3	3.5	0.12	0.12	0.12	0.005	0.005	0.005	0.12	0.08	0.03	0.23	0.22	0.22
C1A	20/12/2018	Mid-Ebb	Fine	Moderate	8:00	28	M	14	3																					0.11	0.08	0.03	0.22		
C1A	20/12/2018	Mid-Ebb	Fine	Moderate	8:00	28	B	27	1	8.14		33.89		20.96		88.2		6.46			4.5			0.12			0.005			0.12	0.08	0.03	0.23		
C1A	20/12/2018	Mid-Ebb	Fine	Moderate	8:00	28	B	27	2	8.14	8.14	33.89	33.89	21.97	21.47	88.0	88.1	6.45	6.46		4.4	4.5		0.12	0.12		0.005	0.005		0.12	0.08	0.03	0.23	0.23	
C1A	20/12/2018	Mid-Ebb	Fine	Moderate	8:00	28	B	27	3																					0.12	0.08	0.03	0.23		
C2A	20/12/2018	Mid-Ebb	Fine	Moderate	9:22	13	S	1	1	8.01		33.86		21.21		83.0		6.08			3.5			0.48			0.016			0.48	0.08	0.02	0.58		
C2A	20/12/2018	Mid-Ebb	Fine	Moderate	9:22	13	S	1	2	8.01	8.01	33.86	33.86	21.19	21.20	82.8	82.9	6.06	6.07		3.5	3.5		0.49	0.49		0.016	0.016		0.49	0.08	0.02	0.59	0.60	
C2A	20/12/2018	Mid-Ebb	Fine	Moderate	9:22	13	S	1	3																					0.52	0.09	0.02	0.63		
C2A	20/12/2018	Mid-Ebb	Fine	Moderate	9:22	13	M	6.5	1	8.04		33.30		21.14		82.8		6.07			3.1			0.55			0.020			0.55	0.08	0.02	0.65		
C2A	20/12/2018	Mid-Ebb	Fine	Moderate	9:22	13	M	6.5	2	8.05	8.05	33.34	33.32	21.14	21.14	82.6	82.7	6.05	6.06		3.2	3.2	3.2	0.56	0.56	0.54	0.020	0.020	0.019	0.56	0.09	0.02	0.67	0.66	0.65
C2A	20/12/2018	Mid-Ebb	Fine	Moderate	9:22	13	M	6.5	3																					0.56	0.09	0.02	0.67		
C2A	20/12/2018	Mid-Ebb	Fine	Moderate	9:22	13	B	12	1	8.06		33.50		21.10		82.1		6.01			3.0			0.58			0.022			0.58	0.09	0.02	0.69		
C2A	20/12/2018	Mid-Ebb	Fine	Moderate	9:22	13	B	12	2	8.06	8.06	33.55	33.53	21.08	21.09	82.0	82.1	6.00	6.01		2.8	2.9		0.57	0.58		0.021	0.021		0.57	0.09	0.02	0.68	0.69	
C2A	20/12/2018	Mid-Ebb	Fine	Moderate	9:22	13	B	12	3																					0.58	0.10	0.02	0.70		
G2	20/12/2018	Mid-Ebb	Fine	Moderate	8:27	12	S	1	1	8.05		33.67		21.14		88.1		6.43			1.3			NA			NA			0.12	0.08	0.02	0.22		
G2	20/12/2018	Mid-Ebb	Fine	Moderate	8:27	12	S	1	2	8.06	8.06	33.68	33.68	21.17	21.16	87.9	88.0	6.42	6.43		1.4	1.4		NA	NA		NA	NA		0.12	0.08	0.02	0.22	0.22	
G2	20/12/2018	Mid-Ebb	Fine	Moderate	8:27	12	S	1	3																					0.13	0.08	0.02	0.23		
G2	20/12/2018	Mid-Ebb	Fine	Moderate	8:27	12	M	6	1	8.11		33.71		21.11		87.8		6.44			1.6			NA			NA			0.13	0.08	0.03	0.24		
G2	20/12/2018	Mid-Ebb	Fine	Moderate	8:27	12	M	6	2	8.12	8.12	33.72	33.72	21.08	21.10	87.5	87.7	6.40	6.42		1.7	1.7	1.6	NA	NA	NA	NA	NA	NA	0.13	0.09	0.02	0.24	0.24	0.23
G2	20/12/2018	Mid-Ebb	Fine	Moderate	8:27	12	M	6	3																					0.13	0.08	0.02	0.23		
G2	20/12/2018	Mid-Ebb	Fine	Moderate	8:27	12	B	11	1	8.12		33.74		21.05		87.6		6.41			1.8			NA			NA			0.14	0.07	0.03	0.24		
G2	20/12/2018	Mid-Ebb	Fine	Moderate	8:27	12	B	11	2	8.12	8.12	33.76	33.75	21.05	21.05	87.8	87.7	6.43	6.42		1.9	1.9		NA	NA		NA	NA		0.13	0.07	0.03	0.23	0.24	
G2	20/12/2018	Mid-Ebb	Fine	Moderate	8:27	12	B	11	3																					0.13	0.08	0.03	0.24		
SR2	20/12/2018	Mid-Ebb	Fine	Moderate	8:21	8	S	1	1	8.06		33.68		21.15		89.8		6.54			1.5			0.09			0.003			NA	NA	NA	NA		
SR2	20/12/2018	Mid-Ebb	Fine	Moderate	8:21	8	S	1	2	8.06	8.06	33.69	33.69	21.13	21.14	89.5	89.7	6.54	6.54		1.4	1.5		0.09	0.09		0.003	0.003		NA	NA	NA	NA	NA	
SR2	20/12/2018	Mid-Ebb	Fine	Moderate	8:21	8	S	1	3																					NA	NA	NA	NA		
SR2	20/12/2018	Mid-Ebb	Fine	Moderate	8:21	8	M	4	1	8.11		33.75		21.06		87.8		6.42			1.9			0.10			0.004			NA	NA	NA	NA		
SR2	20/12/2018	Mid-Ebb	Fine	Moderate	8:21	8	M	4	2	8.12	8.12	33.77	33.76	21.07	21.07	87.5	87.7	6.41	6.42		1.8	1.9	1.9	0.10	0.10	0.10	0.004	0.004	0.004	NA	NA	NA	NA	NA	NA
SR2	20/12/2018	Mid-Ebb	Fine	Moderate	8:21	8	M	4	3																					NA	NA	NA	NA		
SR2	20/12/2018	Mid-Ebb	Fine	Moderate	8:21	8	B	7	1	8.13		33.82		21.00		87.6		6.39			2.5			0.11			0.005			NA	NA	NA	NA		
SR2	20/12/2018	Mid-Ebb	Fine	Moderate	8:21	8	B	7	2	8.13	8.13	33.84	33.83	21.00	21.00	87.5	87.6	6.34	6.37		2.4	2.5		0.10	0.11		0.004	0.005		NA	NA	NA	NA	NA	
SR2	20/12/2018	Mid-Ebb	Fine	Moderate	8:21	8	B	7	3																					NA	NA	NA	NA		
SR3	20/12/2018	Mid-Ebb	Fine	Moderate	8:34	7	S	1	1	8.08		33.61		21.17		88.8		6.46			3.0			0.12			0.005			NA	NA	NA	NA		
SR3	20/12/2018	Mid-Ebb	Fine	Moderate	8:34	7	S	1	2	8.08	8.08	33.62	33.62	21.18	21.18	88.5	88.7	6.43	6.45		2.8	2.9		0.12	0.12		0.005	0.005		NA	NA	NA	NA	NA	
SR3	20/12/2018	Mid-Ebb	Fine	Moderate	8:34	7	S	1	3																					NA	NA	NA	NA		
SR3	20/12/2018	Mid-Ebb	Fine	Moderate	8:34	7	M	3.5	1	8.11		33.66		21.14		86.2		6.29			3.5			0.14			0.006			NA	NA	NA	NA		
SR3	20/12/2018	Mid-Ebb	Fine	Moderate	8:34	7	M	3.5	2	8.12	8.12	33.65	33.66	21.13	21.14	86.0	86.1	6.27	6.28		3.3	3.4	3.2	0.14	0.14	0.14	0.006	0.006	0.006	NA	NA	NA	NA	NA	NA
SR3	20/12/2018	Mid-Ebb	Fine	Moderate	8:34	7	M	3.5	3																					NA	NA	NA	NA		
SR3	20/12/2018	Mid-Ebb	Fine	Moderate	8:34	7	B	6	1	8.12		33.71		21.13		85.8		6.24			3.1			0.15			0.006			NA	NA	NA	NA		
SR3	20/12/2018	Mid-Ebb	Fine	Moderate	8:34	7	B	6	2	8.12	8.12	33.74	33.73	21.11	21.12	85.3	85.6	6.23	6.24		3.2	3.2		0.15	0.15		0.006	0.006		NA	NA	NA	NA	NA	
SR3	20/12/2018	Mid-Ebb	Fine	Moderate	8:34	7	B	6	3																					NA	NA	NA	NA		
SR4	20/12/2018	Mid-Ebb	Fine	Moderate	8:42	4	S	1	1	8.08		33.64		21.17		85.1		6.21			5.0			0.12			0.005			NA	NA	NA	NA		
SR4	20/12/2018	Mid-Ebb	Fine	Moderate	8:42	4	S	1	2	8.07	8.08	33.60	33.62	21.18	21.18	85.0	85.1	6.20	6.21		5.1	5.1		0.12	0.12		0.005	0.005		NA	NA	NA	NA	NA	
SR4	20/12/2018	Mid-Ebb	Fine	Moderate	8:42	4	S	1	3																					NA	NA	NA	NA		
SR4	20/12/2018	Mid-Ebb	Fine	Moderate	8:42	4	M		1																					NA	NA	NA	NA		
SR4	20/12/2018	Mid-Ebb	Fine	Moderate	8:42	4	M		2		NA		NA		NA		NA		NA			NA	4.6		NA	0.13		NA	0.005	NA	NA	NA	NA	NA	NA
SR4	20/12/2018	Mid-Ebb	Fine	Moderate	8:42	4	M		3																					NA	NA	NA	NA		
SR4	20/12/2018	Mid-Ebb	Fine	Moderate	8:42	4	B	3	1	8.10		33.66		21.16		84.0		6.12			4.1			0.13			0.005			NA	NA	NA	NA		
SR4	20/12/2018	Mid-Ebb	Fine	Moderate	8:42	4	B	3	2	8.11	8.11	33.68	33.67	21.15	21.16	83.8	83.9	6.10	6.11		4.2	4.2		0.14	0.14		0.006	0.006		NA	NA	NA	NA	NA	
SR4	20/12/2018	Mid-Ebb	Fine	Moderate	8:42	4	B	3	3																					NA	NA	NA	NA		

Impact Monitoring Data

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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR5	20/12/2018	Mid-Ebb	Fine	Moderate	8:12	11	S	1	1	8.07		33.68		21.14		89.5		6.52			2.5			NA			NA			0.11	0.07	0.02	0.20		
SR5	20/12/2018	Mid-Ebb	Fine	Moderate	8:12	11	S	1	2	8.08	8.08	33.69	33.69	21.15	21.15	89.3	89.4	6.50	6.51		2.4	2.5		NA	NA		NA	NA		0.12	0.07	0.02	0.21	0.21	
SR5	20/12/2018	Mid-Ebb	Fine	Moderate	8:12	11	S	1	3											6.48										0.12	0.06	0.03	0.21		
SR5	20/12/2018	Mid-Ebb	Fine	Moderate	8:12	11	M	5.5	1	8.14		33.77		21.06		88.6		6.46			2.6			NA			NA			0.10	0.07	0.03	0.20		
SR5	20/12/2018	Mid-Ebb	Fine	Moderate	8:12	11	M	5.5	2	8.14	8.14	33.74	33.76	21.05	21.06	88.4	88.5	6.44	6.45		2.7	2.7	2.9	NA	NA	NA	NA	NA	NA	0.13	0.08	0.02	0.23	0.22	0.22
SR5	20/12/2018	Mid-Ebb	Fine	Moderate	8:12	11	M	5.5	3																					0.13	0.08	0.03	0.24		
SR5	20/12/2018	Mid-Ebb	Fine	Moderate	8:12	11	B	10	1	8.14		33.86		21.00		88.0		6.43			3.8			NA			NA			0.12	0.08	0.03	0.23		
SR5	20/12/2018	Mid-Ebb	Fine	Moderate	8:12	11	B	10	2	8.14	8.14	33.88	33.87	21.02	21.01	87.6	87.8	6.40	6.42		3.6	3.7		NA	NA		NA	NA		0.13	0.08	0.04	0.25	0.24	
SR5	20/12/2018	Mid-Ebb	Fine	Moderate	8:12	11	B	10	3																					0.13	0.08	0.04	0.25		
SR12	20/12/2018	Mid-Ebb	Fine	Moderate	8:57	15	S	1	1	8.05		33.52		21.26		82.8		6.03			3.9			0.15			0.006			NA	NA	NA	NA		
SR12	20/12/2018	Mid-Ebb	Fine	Moderate	8:57	15	S	1	2	8.05	8.05	33.53	33.53	21.24	21.25	82.6	82.7	6.00	6.02		3.8	3.9		0.14	0.15		0.005	0.005		NA	NA	NA	NA	NA	
SR12	20/12/2018	Mid-Ebb	Fine	Moderate	8:57	15	S	1	3											5.98										NA	NA	NA	NA		
SR12	20/12/2018	Mid-Ebb	Fine	Moderate	8:57	15	M	7.5	1	8.08		33.55		21.20		81.5		5.94			4.1			0.16			0.006			NA	NA	NA	NA		
SR12	20/12/2018	Mid-Ebb	Fine	Moderate	8:57	15	M	7.5	2	8.08	8.08	33.57	33.56	21.18	21.19	81.4	81.5	5.93	5.94		4.2	4.2	4.1	0.16	0.16	0.15	0.006	0.006	0.006	NA	NA	NA	NA	NA	NA
SR12	20/12/2018	Mid-Ebb	Fine	Moderate	8:57	15	M	7.5	3																					NA	NA	NA	NA		
SR12	20/12/2018	Mid-Ebb	Fine	Moderate	8:57	15	B	14	1	8.08		33.64		21.14		80.2		5.85			4.2			0.16			0.006			NA	NA	NA	NA		
SR12	20/12/2018	Mid-Ebb	Fine	Moderate	8:57	15	B	14	2	8.09	8.09	33.65	33.65	21.17	21.16	80.0	80.1	5.83	5.84		4.4	4.3		0.15	0.16		0.006	0.006		NA	NA	NA	NA	NA	
SR12	20/12/2018	Mid-Ebb	Fine	Moderate	8:57	15	B	14	3																					NA	NA	NA	NA		
SR13	20/12/2018	Mid-Ebb	Fine	Moderate	9:08	14	S	1	1	8.03		33.49		21.25		82.8		6.02			3.5			NA			NA			NA	NA	NA	NA		
SR13	20/12/2018	Mid-Ebb	Fine	Moderate	9:08	14	S	1	2	8.03	8.03	33.51	33.50	21.27	21.26	82.6	82.7	6.00	6.01		3.4	3.5		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	20/12/2018	Mid-Ebb	Fine	Moderate	9:08	14	S	1	3											5.96										NA	NA	NA	NA		
SR13	20/12/2018	Mid-Ebb	Fine	Moderate	9:08	14	M	7	1	8.06		33.52		21.20		81.1		5.91			4.2			NA			NA			NA	NA	NA	NA		
SR13	20/12/2018	Mid-Ebb	Fine	Moderate	9:08	14	M	7	2	8.06	8.06	33.55	33.54	21.19	21.20	81.0	81.1	5.90	5.91		4.1	4.2	4.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	20/12/2018	Mid-Ebb	Fine	Moderate	9:08	14	M	7	3																					NA	NA	NA	NA		
SR13	20/12/2018	Mid-Ebb	Fine	Moderate	9:08	14	B	13	1	8.09		33.60		21.15		80.9		5.90			4.9			NA			NA			NA	NA	NA	NA		
SR13	20/12/2018	Mid-Ebb	Fine	Moderate	9:08	14	B	13	2	8.09	8.09	33.62	33.61	21.16	21.16	80.7	80.8	5.88	5.89		4.8	4.9		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	20/12/2018	Mid-Ebb	Fine	Moderate	9:08	14	B	13	3																					NA	NA	NA	NA		

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

Impact Monitoring Data

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	20/12/2018	Mid-Ebb	Fine	Moderate	8:00	28	S	1	1	5			0.09			0.004			0.09	0.07	0.02	0.18			21			NA			2		
C1A	20/12/2018	Mid-Ebb	Fine	Moderate	8:00	28	S	1	2	5	5		0.10	0.10		0.004	0.004		0.10	0.06	0.03	0.19	0.19		29	25		NA	NA		2	2	
C1A	20/12/2018	Mid-Ebb	Fine	Moderate	8:00	28	S	1	3										0.09	0.08	0.02	0.19											
C1A	20/12/2018	Mid-Ebb	Fine	Moderate	8:00	28	M	14	1	6			0.10			0.004			0.10	0.06	0.03	0.19			20			NA			<1		
C1A	20/12/2018	Mid-Ebb	Fine	Moderate	8:00	28	M	14	2	5	5	6	0.10	0.10	0.09	0.004	0.004	0.004	0.10	0.08	0.02	0.20	0.19	0.18	14	17	26	NA	NA	NA	2	2	2
C1A	20/12/2018	Mid-Ebb	Fine	Moderate	8:00	28	M	14	3										0.09	0.06	0.03	0.18											
C1A	20/12/2018	Mid-Ebb	Fine	Moderate	8:00	28	B	27	1	8			0.08			0.004			0.08	0.08	0.02	0.18			35			NA			2		
C1A	20/12/2018	Mid-Ebb	Fine	Moderate	8:00	28	B	27	2	7	7		0.08	0.08		0.004	0.004		0.08	0.06	0.02	0.16	0.17		51	42		NA	NA		1	2	
C1A	20/12/2018	Mid-Ebb	Fine	Moderate	8:00	28	B	27	3										0.08	0.08	0.02	0.18											
C2A	20/12/2018	Mid-Ebb	Fine	Moderate	9:22	13	S	1	1	8			0.51			0.017			0.51	0.08	0.02	0.61			700			NA			3		
C2A	20/12/2018	Mid-Ebb	Fine	Moderate	9:22	13	S	1	2	7	7		0.51	0.51		0.017	0.017		0.51	0.06	0.02	0.59	0.61		560	626		NA	NA		3	3	
C2A	20/12/2018	Mid-Ebb	Fine	Moderate	9:22	13	S	1	3										0.52	0.08	0.02	0.62											
C2A	20/12/2018	Mid-Ebb	Fine	Moderate	9:22	13	M	6.5	1	9			0.52			0.019			0.52	0.06	0.03	0.61			1200			NA			3		
C2A	20/12/2018	Mid-Ebb	Fine	Moderate	9:22	13	M	6.5	2	8	8	7	0.50	0.51	0.53	0.018	0.019	0.019	0.50	0.08	0.02	0.60	0.61	0.61	1800	1470	917	NA	NA	NA	2	3	3
C2A	20/12/2018	Mid-Ebb	Fine	Moderate	9:22	13	M	6.5	3										0.52	0.07	0.02	0.61											
C2A	20/12/2018	Mid-Ebb	Fine	Moderate	9:22	13	B	12	1	7			0.56			0.021			0.56	0.07	0.02	0.65			1000			NA			4		
C2A	20/12/2018	Mid-Ebb	Fine	Moderate	9:22	13	B	12	2	7	7		0.56	0.56		0.021	0.021		0.56	0.07	0.02	0.65	0.63		700	837		NA	NA		3	4	
C2A	20/12/2018	Mid-Ebb	Fine	Moderate	9:22	13	B	12	3										0.51	0.06	0.02	0.59											
G2	20/12/2018	Mid-Ebb	Fine	Moderate	8:27	12	S	1	1	4			NA			NA			0.11	0.07	0.02	0.20			NA			NA			NA		
G2	20/12/2018	Mid-Ebb	Fine	Moderate	8:27	12	S	1	2	3	3		NA	NA		NA	NA		0.11	0.08	0.02	0.21	0.21		NA	NA		NA	NA		NA	NA	
G2	20/12/2018	Mid-Ebb	Fine	Moderate	8:27	12	S	1	3										0.11	0.08	0.02	0.21											
G2	20/12/2018	Mid-Ebb	Fine	Moderate	8:27	12	M	6	1	5			NA			NA			0.10	0.08	0.02	0.20			NA			NA			NA		
G2	20/12/2018	Mid-Ebb	Fine	Moderate	8:27	12	M	6	2	5	5	4	NA	NA	NA	NA	NA	NA	0.11	0.07	0.02	0.20	0.20	0.20	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	20/12/2018	Mid-Ebb	Fine	Moderate	8:27	12	M	6	3										0.10	0.08	0.02	0.20											
G2	20/12/2018	Mid-Ebb	Fine	Moderate	8:27	12	B	11	1	5			NA			NA			0.10	0.06	0.03	0.19			NA			NA			NA		
G2	20/12/2018	Mid-Ebb	Fine	Moderate	8:27	12	B	11	2	5	5		NA	NA		NA	NA		0.11	0.08	0.02	0.21	0.20		NA	NA		NA	NA		NA	NA	
G2	20/12/2018	Mid-Ebb	Fine	Moderate	8:27	12	B	11	3										0.10	0.06	0.03	0.19											
SR2	20/12/2018	Mid-Ebb	Fine	Moderate	8:21	8	S	1	1	4			0.10			0.004			NA	NA	NA	NA			NA			NA			NA		
SR2	20/12/2018	Mid-Ebb	Fine	Moderate	8:21	8	S	1	2	3	4		0.09	0.10		0.003	0.004		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	20/12/2018	Mid-Ebb	Fine	Moderate	8:21	8	S	1	3										NA	NA	NA	NA											
SR2	20/12/2018	Mid-Ebb	Fine	Moderate	8:21	8	M	4	1	3			0.09			0.004			NA	NA	NA	NA			NA			NA			NA		
SR2	20/12/2018	Mid-Ebb	Fine	Moderate	8:21	8	M	4	2	5	4	4	0.10	0.10	0.10	0.004	0.004	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	20/12/2018	Mid-Ebb	Fine	Moderate	8:21	8	M	4	3										NA	NA	NA	NA											
SR2	20/12/2018	Mid-Ebb	Fine	Moderate	8:21	8	B	7	1	3			0.10			0.004			NA	NA	NA	NA			NA			NA			NA		
SR2	20/12/2018	Mid-Ebb	Fine	Moderate	8:21	8	B	7	2	4	3		0.10	0.10		0.004	0.004		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	20/12/2018	Mid-Ebb	Fine	Moderate	8:21	8	B	7	3										NA	NA	NA	NA											
SR3	20/12/2018	Mid-Ebb	Fine	Moderate	8:34	7	S	1	1	4			0.13			0.005			NA	NA	NA	NA			NA			NA			NA		
SR3	20/12/2018	Mid-Ebb	Fine	Moderate	8:34	7	S	1	2	5	4		0.12	0.13		0.005	0.005		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	20/12/2018	Mid-Ebb	Fine	Moderate	8:34	7	S	1	3										NA	NA	NA	NA											
SR3	20/12/2018	Mid-Ebb	Fine	Moderate	8:34	7	M	3.5	1	5			0.13			0.006			NA	NA	NA	NA			NA			NA			NA		
SR3	20/12/2018	Mid-Ebb	Fine	Moderate	8:34	7	M	3.5	2	6	6	5	0.13	0.13	0.13	0.006	0.006	0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	20/12/2018	Mid-Ebb	Fine	Moderate	8:34	7	M	3.5	3										NA	NA	NA	NA											
SR3	20/12/2018	Mid-Ebb	Fine	Moderate	8:34	7	B	6	1	6			0.14			0.006			NA	NA	NA	NA			NA			NA			NA		
SR3	20/12/2018	Mid-Ebb	Fine	Moderate	8:34	7	B	6	2	7	6		0.14	0.14		0.006	0.006		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	20/12/2018	Mid-Ebb	Fine	Moderate	8:34	7	B	6	3										NA	NA	NA	NA											
SR4	20/12/2018	Mid-Ebb	Fine	Moderate	8:42	4	S	1	1	11			0.11			0.004			NA	NA	NA	NA			260			NA			1		
SR4	20/12/2018	Mid-Ebb	Fine	Moderate	8:42	4	S	1	2	10	10		0.12	0.12		0.005	0.004		NA	NA	NA	NA	NA		380	314		NA	NA		2	2	
SR4	20/12/2018	Mid-Ebb	Fine	Moderate	8:42	4	S	1	3										NA	NA	NA	NA											
SR4	20/12/2018	Mid-Ebb	Fine	Moderate	8:42	4	M		1										NA	NA	NA	NA						NA					
SR4	20/12/2018	Mid-Ebb	Fine	Moderate	8:42	4	M		2		NA	10		NA	0.12		NA	0.005	NA	NA	NA	NA	NA	NA		NA	271	NA	NA	NA		NA	2
SR4	20/12/2018	Mid-Ebb	Fine	Moderate	8:42	4	M		3										NA	NA	NA	NA											
SR4	20/12/2018	Mid-Ebb	Fine	Moderate	8:42	4	B	3	1	9			0.13			0.005			NA	NA	NA	NA			260			NA			2		
SR4	20/12/2018	Mid-Ebb	Fine	Moderate	8:42	4	B	3	2	10	10		0.13	0.13		0.005	0.005		NA	NA	NA	NA	NA		210	234		NA	NA		1	2	
SR4	20/12/2018	Mid-Ebb	Fine	Moderate	8:42	4	B	3	3										NA	NA	NA	NA											

Impact Monitoring Data

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.
SR5	20/12/2018	Mid-Ebb	Fine	Moderate	8:12	11	S	1	1	5	4		NA	NA		NA	NA		0.11	0.07	0.02	0.20	0.19		NA	NA		NA	NA		NA	NA	
SR5	20/12/2018	Mid-Ebb	Fine	Moderate	8:12	11	S	1	2	4			NA			NA			0.10	0.07	0.03	0.20			NA			NA			NA		
SR5	20/12/2018	Mid-Ebb	Fine	Moderate	8:12	11	S	1	3										0.10	0.05	0.03	0.18											
SR5	20/12/2018	Mid-Ebb	Fine	Moderate	8:12	11	M	5.5	1	6			NA			NA			0.09	0.07	0.02	0.18			NA			NA			NA		
SR5	20/12/2018	Mid-Ebb	Fine	Moderate	8:12	11	M	5.5	2	4	5	4	NA	NA	NA	NA	NA	NA	0.09	0.06	0.03	0.18	0.18	0.19	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	20/12/2018	Mid-Ebb	Fine	Moderate	8:12	11	M	5.5	3										0.10	0.07	0.02	0.19											
SR5	20/12/2018	Mid-Ebb	Fine	Moderate	8:12	11	B	10	1	3			NA			NA			0.10	0.07	0.02	0.19			NA			NA			NA		
SR5	20/12/2018	Mid-Ebb	Fine	Moderate	8:12	11	B	10	2	4	3		NA	NA		NA	NA		0.11	0.06	0.02	0.19	0.19		NA	NA		NA	NA		NA	NA	
SR5	20/12/2018	Mid-Ebb	Fine	Moderate	8:12	11	B	10	3										0.10	0.07	0.02	0.19											
SR12	20/12/2018	Mid-Ebb	Fine	Moderate	8:57	15	S	1	1	7			0.15			0.006			NA	NA	NA	NA			700			NA			1		
SR12	20/12/2018	Mid-Ebb	Fine	Moderate	8:57	15	S	1	2	6	6		0.16	0.16		0.006	0.006		NA	NA	NA	NA	NA		580	637		NA	NA		2	2	
SR12	20/12/2018	Mid-Ebb	Fine	Moderate	8:57	15	S	1	3										NA	NA	NA	NA											
SR12	20/12/2018	Mid-Ebb	Fine	Moderate	8:57	15	M	7.5	1	5			0.15			0.006			NA	NA	NA	NA			490			NA			1		
SR12	20/12/2018	Mid-Ebb	Fine	Moderate	8:57	15	M	7.5	2	5	5	6	0.14	0.15	0.15	0.006	0.006	0.006	NA	NA	NA	NA	NA	NA	410	448	450	NA	NA	NA	1	1	2
SR12	20/12/2018	Mid-Ebb	Fine	Moderate	8:57	15	M	7.5	3										NA	NA	NA	NA											
SR12	20/12/2018	Mid-Ebb	Fine	Moderate	8:57	15	B	14	1	8			0.15			0.006			NA	NA	NA	NA			290			NA			2		
SR12	20/12/2018	Mid-Ebb	Fine	Moderate	8:57	15	B	14	2	7	7		0.15	0.15		0.006	0.006		NA	NA	NA	NA	NA		350	319		NA	NA		2	2	
SR12	20/12/2018	Mid-Ebb	Fine	Moderate	8:57	15	B	14	3										NA	NA	NA	NA											
SR13	20/12/2018	Mid-Ebb	Fine	Moderate	9:08	14	S	1	1	6			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	20/12/2018	Mid-Ebb	Fine	Moderate	9:08	14	S	1	2	6	6		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	20/12/2018	Mid-Ebb	Fine	Moderate	9:08	14	S	1	3										NA	NA	NA	NA											
SR13	20/12/2018	Mid-Ebb	Fine	Moderate	9:08	14	M	7	1	6			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	20/12/2018	Mid-Ebb	Fine	Moderate	9:08	14	M	7	2	6	6	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	20/12/2018	Mid-Ebb	Fine	Moderate	9:08	14	M	7	3										NA	NA	NA	NA											
SR13	20/12/2018	Mid-Ebb	Fine	Moderate	9:08	14	B	13	1	6			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	20/12/2018	Mid-Ebb	Fine	Moderate	9:08	14	B	13	2	5	6		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	20/12/2018	Mid-Ebb	Fine	Moderate	9:08	14	B	13	3										NA	NA	NA	NA											

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

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement																												
										pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)			Turbidity (NTU)			Ammonia (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.				Value	Ave.	Depth Ave.
C1A	22/12/2018	Mid-Flood	Fine	Moderate	9:12	28	S	1	1	8.17		33.22		21.22		94.6		6.91			3.0			0.08			0.004			0.08	0.12	0.03	0.23		
C1A	22/12/2018	Mid-Flood	Fine	Moderate	9:12	28	S	1	2	8.17	8.17	33.22	33.22	21.22	21.22	91.5	93.1	6.69	6.80		4.0	3.5		0.07	0.08		0.003	0.004		0.07	0.12	0.02	0.21	0.23	
C1A	22/12/2018	Mid-Flood	Fine	Moderate	9:12	28	S	1	3																					0.08	0.13	0.03	0.24		
C1A	22/12/2018	Mid-Flood	Fine	Moderate	9:12	28	M	14	1	8.17		33.20		21.20		92.7		6.77			3.7			0.09			0.004			0.09	0.12	0.02	0.23		
C1A	22/12/2018	Mid-Flood	Fine	Moderate	9:12	28	M	14	2	8.17	8.17	33.21	33.21	21.20	21.20	92.8	92.8	6.78	6.78		3.8	3.8		0.09	0.09		0.004	0.004		0.09	0.13	0.04	0.26	0.25	
C1A	22/12/2018	Mid-Flood	Fine	Moderate	9:12	28	M	14	3																					0.10	0.13	0.03	0.26		
C1A	22/12/2018	Mid-Flood	Fine	Moderate	9:12	28	B	27	1	8.16		33.28		21.20		92.3		6.74			4.1			0.12			0.006			0.12	0.14	0.02	0.28		
C1A	22/12/2018	Mid-Flood	Fine	Moderate	9:12	28	B	27	2	8.16	8.16	33.28	33.28	21.20	21.20	92.4	92.4	6.75	6.75		4.2	4.2		0.11	0.12		0.005	0.005		0.11	0.13	0.03	0.27	0.28	
C1A	22/12/2018	Mid-Flood	Fine	Moderate	9:12	28	B	27	3																					0.12	0.13	0.03	0.28		
C2A	22/12/2018	Mid-Flood	Fine	Moderate	6:32	13	S	1	1	8.00		33.35		21.35		86.0		6.25			3.0			0.15			0.005			0.15	0.11	0.02	0.28		
C2A	22/12/2018	Mid-Flood	Fine	Moderate	6:32	13	S	1	2	8.01	8.01	33.35	33.35	21.36	21.36	86.1	86.1	6.26	6.26		3.0	3.0		0.16	0.16		0.005	0.005		0.16	0.11	0.02	0.29	0.29	
C2A	22/12/2018	Mid-Flood	Fine	Moderate	6:32	13	S	1	3																					0.16	0.11	0.02	0.29		
C2A	22/12/2018	Mid-Flood	Fine	Moderate	6:32	13	M	6.5	1	8.01		33.39		21.33		82.7		6.02			2.4			0.19			0.007			0.19	0.12	0.03	0.34		
C2A	22/12/2018	Mid-Flood	Fine	Moderate	6:32	13	M	6.5	2	8.02	8.02	33.41	33.40	21.33	21.33	82.7	82.7	6.03	6.03	6.14	2.5	2.5	2.6	0.20	0.20	0.20	0.007	0.007	0.007	0.20	0.12	0.03	0.35	0.35	0.34
C2A	22/12/2018	Mid-Flood	Fine	Moderate	6:32	13	M	6.5	3																					0.20	0.12	0.03	0.35		
C2A	22/12/2018	Mid-Flood	Fine	Moderate	6:32	13	B	12	1	8.02		33.41		21.32		81.6		5.95			2.4			0.23			0.008			0.23	0.13	0.03	0.39		
C2A	22/12/2018	Mid-Flood	Fine	Moderate	6:32	13	B	12	2	8.03	8.03	33.41	33.41	21.33	21.33	81.8	81.7	5.96	5.96		2.5	2.5		0.24	0.24		0.008	0.008		0.24	0.13	0.03	0.40	0.39	
C2A	22/12/2018	Mid-Flood	Fine	Moderate	6:32	13	B	12	3																					0.23	0.13	0.03	0.39		
G2	22/12/2018	Mid-Flood	Fine	Moderate	8:06	12	S	1	1	8.12		33.40		21.33		88.6		6.46			2.7			NA			NA			0.14	0.09	0.02	0.25		
G2	22/12/2018	Mid-Flood	Fine	Moderate	8:06	12	S	1	2	8.12	8.12	33.41	33.41	21.34	21.34	88.7	88.7	6.47	6.47		2.8	2.8		NA	NA		NA	NA		0.15	0.08	0.02	0.25	0.25	
G2	22/12/2018	Mid-Flood	Fine	Moderate	8:06	12	S	1	3																					0.15	0.09	0.02	0.26		
G2	22/12/2018	Mid-Flood	Fine	Moderate	8:06	12	M	6	1	8.12		33.42		21.29		86.9		6.38			3.3			NA			NA			0.16	0.10	0.03	0.29		
G2	22/12/2018	Mid-Flood	Fine	Moderate	8:06	12	M	6	2	8.12	8.12	33.43	33.43	21.30	21.30	86.8	86.9	6.39	6.39	6.43	3.3	3.3	3.3	NA	NA	NA	NA	NA	NA	0.15	0.10	0.03	0.28	0.28	0.28
G2	22/12/2018	Mid-Flood	Fine	Moderate	8:06	12	M	6	3																					0.15	0.10	0.03	0.28		
G2	22/12/2018	Mid-Flood	Fine	Moderate	8:06	12	B	11	1	8.11		33.44		21.25		85.6		6.24			3.8			NA			NA			0.17	0.11	0.03	0.31		
G2	22/12/2018	Mid-Flood	Fine	Moderate	8:06	12	B	11	2	8.11	8.11	33.45	33.45	21.26	21.26	85.7	85.7	6.25	6.25		3.9	3.9		NA	NA		NA	NA		0.18	0.11	0.03	0.32	0.31	
G2	22/12/2018	Mid-Flood	Fine	Moderate	8:06	12	B	11	3																					0.18	0.11	0.03	0.32		
SR2	22/12/2018	Mid-Flood	Fine	Moderate	8:26	9	S	1	1	8.11		33.43		21.33		86.3		6.28			2.7			0.15			0.006			NA	NA	NA	NA		
SR2	22/12/2018	Mid-Flood	Fine	Moderate	8:26	9	S	1	2	8.11	8.11	33.46	33.44	21.35	21.34	86.2	86.3	6.26	6.27		2.6	2.7		0.15	0.15		0.006	0.006		NA	NA	NA	NA	NA	
SR2	22/12/2018	Mid-Flood	Fine	Moderate	8:26	9	S	1	3																					NA	NA	NA	NA		
SR2	22/12/2018	Mid-Flood	Fine	Moderate	8:26	9	M	4.5	1	8.11		33.44		21.21		85.8		6.25			3.6			0.15			0.006			NA	NA	NA	NA		
SR2	22/12/2018	Mid-Flood	Fine	Moderate	8:26	9	M	4.5	2	8.11	8.11	33.43	33.44	21.21	21.21	85.7	85.8	6.24	6.25	6.26	3.8	3.7	3.4	0.16	0.16	0.16	0.007	0.007	0.007	NA	NA	NA	NA	NA	NA
SR2	22/12/2018	Mid-Flood	Fine	Moderate	8:26	9	M	4.5	3																					NA	NA	NA	NA		
SR2	22/12/2018	Mid-Flood	Fine	Moderate	8:26	9	B	8	1	8.11		33.45		21.26		84.8		6.18			3.9			0.16			0.007			NA	NA	NA	NA		
SR2	22/12/2018	Mid-Flood	Fine	Moderate	8:26	9	B	8	2	8.11	8.11	33.46	33.46	21.27	21.27	84.9	84.9	6.19	6.19		3.9	3.9		0.16	0.16		0.007	0.007		NA	NA	NA	NA	NA	
SR2	22/12/2018	Mid-Flood	Fine	Moderate	8:26	9	B	8	3																					NA	NA	NA	NA		
SR3	22/12/2018	Mid-Flood	Fine	Moderate	7:45	8	S	1	1	8.12		33.47		21.39		88.6		6.45			2.3			0.13			0.006			NA	NA	NA	NA		
SR3	22/12/2018	Mid-Flood	Fine	Moderate	7:45	8	S	1	2	8.12	8.12	33.48	33.48	21.40	21.40	88.7	88.7	6.46	6.46		2.3	2.3		0.13	0.13		0.006	0.006		NA	NA	NA	NA	NA	
SR3	22/12/2018	Mid-Flood	Fine	Moderate	7:45	8	S	1	3																					NA	NA	NA	NA		
SR3	22/12/2018	Mid-Flood	Fine	Moderate	7:45	8	M	4	1	8.12		33.47		21.35		87.9		6.38			2.7			0.14			0.006			NA	NA	NA	NA		
SR3	22/12/2018	Mid-Flood	Fine	Moderate	7:45	8	M	4	2	8.12	8.12	33.48	33.48	21.35	21.35	87.8	87.9	6.38	6.38	6.42	2.7	2.7	2.7	0.14	0.14	0.14	0.006	0.006	0.006	NA	NA	NA	NA	NA	NA
SR3	22/12/2018	Mid-Flood	Fine	Moderate	7:45	8	M	4	3																					NA	NA	NA	NA		
SR3	22/12/2018	Mid-Flood	Fine	Moderate	7:45	8	B	7	1	8.11		33.46		21.3		86.8		6.33			3.1			0.14			0.006			NA	NA	NA	NA		
SR3	22/12/2018	Mid-Flood	Fine	Moderate	7:45	8	B	7	2	8.11	8.11	33.47	33.47	21.3	21.26	86.9	86.9	6.33	6.33		3.2	3.2		0.14	0.14		0.006	0.006		NA	NA	NA	NA	NA	
SR3	22/12/2018	Mid-Flood	Fine	Moderate	7:45	8	B	7	3																					NA	NA	NA	NA		
SR4	22/12/2018	Mid-Flood	Fine	Moderate	7:26	4	S	1	1	8.10		33.47		21.36		86.1		6.24			3.2			0.13			0.005			NA	NA	NA	NA		
SR4	22/12/2018	Mid-Flood	Fine	Moderate	7:26	4	S	1	2	8.10	8.10	33.47	33.47	21.36	21.36	86.2	86.2	6.25	6.25		3.3	3.3		0.13	0.13		0.005	0.005		NA	NA	NA	NA	NA	
SR4	22/12/2018	Mid-Flood	Fine	Moderate	7:26	4	S	1	3																					NA	NA	NA	NA		
SR4	22/12/2018	Mid-Flood	Fine	Moderate	7:26	4	M		1																					NA	NA	NA	NA		
SR4	22/12/2018	Mid-Flood	Fine	Moderate	7:26	4	M		2		NA		NA		NA		NA		NA	6.25		NA	3.5		NA	0.14		NA	0.006	NA	NA	NA	NA	NA	NA
SR4	22/12/2018	Mid-Flood	Fine	Moderate	7:26	4	M		3																					NA	NA	NA	NA		
SR4	22/12/2018	Mid-Flood	Fine	Moderate	7:26	4	B	3	1	8.10		33.47		21.32		84.5		6.15			3.8			0.14			0.006			NA	NA	NA	NA		
SR4	22/12/2018	Mid-Flood	Fine	Moderate	7:26	4	B	3	2	8.10	8.10	33.47	33.47	21.33	21.33	84.6	84.6	6.14	6.15		3.8	3.8		0.14	0.14		0.006	0.006		NA	NA	NA	NA	NA	
SR4	22/12/2018	Mid-Flood	Fine	Moderate	7:26	4	B	3	3																					NA	NA	NA	NA		

Impact Monitoring Data

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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.				Value	Ave.	Depth Ave.
SR5	22/12/2018	Mid-Flood	Fine	Moderate	8:46	11	S	1	1	8.16		33.33		21.24		92.1		6.17			2.7			NA			NA			0.10	0.10	0.03	0.23		
SR5	22/12/2018	Mid-Flood	Fine	Moderate	8:46	11	S	1	2	8.16	8.16	33.33	33.33	21.24	21.24	92.2	92.2	6.18	6.18		2.8	2.8		NA	NA		NA	NA		0.10	0.10	0.03	0.23	0.23	
SR5	22/12/2018	Mid-Flood	Fine	Moderate	8:46	11	S	1	3											6.42										0.10	0.11	0.03	0.24		
SR5	22/12/2018	Mid-Flood	Fine	Moderate	8:46	11	M	5.5	1	8.16		33.10		21.22		91.2		6.65			3.3			NA			NA			0.11	0.11	0.03	0.25		
SR5	22/12/2018	Mid-Flood	Fine	Moderate	8:46	11	M	5.5	2	8.16	8.16	33.10	33.10	21.22	21.22	91.3	91.3	6.68	6.67		3.3	3.3	3.3	NA	NA	NA	NA	NA	NA	0.11	0.12	0.03	0.26	0.25	0.25
SR5	22/12/2018	Mid-Flood	Fine	Moderate	8:46	11	M	5.5	3																					0.10	0.12	0.03	0.25		
SR5	22/12/2018	Mid-Flood	Fine	Moderate	8:46	11	B	10	1	8.17		33.12		21.22		90.2		6.57			3.8			NA			NA			0.12	0.12	0.03	0.27		
SR5	22/12/2018	Mid-Flood	Fine	Moderate	8:46	11	B	10	2	8.18	8.18	33.12	33.12	21.21	21.22	90.3	90.3	6.58	6.58		3.9	3.9		NA	NA		NA	NA		0.12	0.13	0.03	0.28	0.27	
SR5	22/12/2018	Mid-Flood	Fine	Moderate	8:46	11	B	10	3																					0.12	0.12	0.03	0.27		
SR12	22/12/2018	Mid-Flood	Fine	Moderate	7:11	15	S	1	1	8.08		33.43		21.44		84.2		6.12			3.9			0.17			0.007			NA	NA	NA	NA		
SR12	22/12/2018	Mid-Flood	Fine	Moderate	7:11	15	S	1	2	8.08	8.08	33.46	33.45	21.45	21.45	84.3	84.3	6.12	6.12		3.9	3.9		0.17	0.17		0.007	0.007		NA	NA	NA	NA	NA	
SR12	22/12/2018	Mid-Flood	Fine	Moderate	7:11	15	S	1	3											6.09										NA	NA	NA	NA		
SR12	22/12/2018	Mid-Flood	Fine	Moderate	7:11	15	M	7.5	1	8.08		33.45		21.40		83.3		6.06			3.9			0.18			0.007			NA	NA	NA	NA		
SR12	22/12/2018	Mid-Flood	Fine	Moderate	7:11	15	M	7.5	2	8.08	8.08	33.45	33.45	21.40	21.40	83.4	83.4	6.06	6.06		3.9	3.9	4.1	0.18	0.18	0.18	0.007	0.007	0.007	NA	NA	NA	NA	NA	NA
SR12	22/12/2018	Mid-Flood	Fine	Moderate	7:11	15	M	7.5	3																					NA	NA	NA	NA		
SR12	22/12/2018	Mid-Flood	Fine	Moderate	7:11	15	B	14	1	8.08		33.46		21.39		82.6		6.01			4.4			0.17			0.007			NA	NA	NA	NA		
SR12	22/12/2018	Mid-Flood	Fine	Moderate	7:11	15	B	14	2	8.08	8.08	33.46	33.46	21.39	21.39	82.7	82.7	6.02	6.02		4.4	4.4		0.18	0.18		0.007	0.007		NA	NA	NA	NA	NA	
SR12	22/12/2018	Mid-Flood	Fine	Moderate	7:11	15	B	14	3																					NA	NA	NA	NA		
SR13	22/12/2018	Mid-Flood	Fine	Moderate	6:49	14	S	1	1	8.06		33.43		21.58		83.1		6.02			2.4			NA			NA			NA	NA	NA	NA		
SR13	22/12/2018	Mid-Flood	Fine	Moderate	6:49	14	S	1	2	8.07	8.07	33.45	33.44	21.57	21.58	83.2	83.2	6.03	6.03		2.5	2.5		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	22/12/2018	Mid-Flood	Fine	Moderate	6:49	14	S	1	3											6.01										NA	NA	NA	NA		
SR13	22/12/2018	Mid-Flood	Fine	Moderate	6:49	14	M	7	1	8.07		33.46		21.49		82.3		5.99			2.6			NA			NA			NA	NA	NA	NA		
SR13	22/12/2018	Mid-Flood	Fine	Moderate	6:49	14	M	7	2	8.08	8.08	33.45	33.46	21.47	21.48	82.4	82.4	6.01	6.00		2.6	2.6	2.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	22/12/2018	Mid-Flood	Fine	Moderate	6:49	14	M	7	3																					NA	NA	NA	NA		
SR13	22/12/2018	Mid-Flood	Fine	Moderate	6:49	14	B	13	1	8.07		33.45		21.41		82.1		5.97			3.0			NA			NA			NA	NA	NA	NA		
SR13	22/12/2018	Mid-Flood	Fine	Moderate	6:49	14	B	13	2	8.08	8.08	33.46	33.46	21.42	21.42	82.2	82.2	5.98	5.98		3.1	3.1		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	22/12/2018	Mid-Flood	Fine	Moderate	6:49	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
1 in calculating the geometric mean.

Impact Monitoring Data

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	22/12/2018	Mid-Flood	Fine	Moderate	9:12	28	S	1	1	7			0.08			0.004			0.08	0.12	0.03	0.23			50			NA			<1		
C1A	22/12/2018	Mid-Flood	Fine	Moderate	9:12	28	S	1	2	7	7		0.07	0.08		0.003	0.004		0.07	0.13	0.02	0.22	0.22		34	41		NA	NA		1	1	
C1A	22/12/2018	Mid-Flood	Fine	Moderate	9:12	28	S	1	3										0.07	0.12	0.03	0.22											
C1A	22/12/2018	Mid-Flood	Fine	Moderate	9:12	28	M	14	1	7			0.07			0.003			0.07	0.13	0.02	0.22			50			NA			<1		
C1A	22/12/2018	Mid-Flood	Fine	Moderate	9:12	28	M	14	2	8	7	7	0.07	0.07	0.08	0.003	0.003	0.004	0.07	0.11	0.04	0.22	0.23	0.23	26	36	35	NA	NA	NA	<1	1	1
C1A	22/12/2018	Mid-Flood	Fine	Moderate	9:12	28	M	14	3										0.09	0.12	0.03	0.24											
C1A	22/12/2018	Mid-Flood	Fine	Moderate	9:12	28	B	27	1	6			0.07			0.003			0.07	0.13	0.02	0.22			26			NA			<1		
C1A	22/12/2018	Mid-Flood	Fine	Moderate	9:12	28	B	27	2	7	6		0.09	0.08		0.004	0.004		0.09	0.12	0.03	0.24	0.23		31	28		NA	NA		<1	1	
C1A	22/12/2018	Mid-Flood	Fine	Moderate	9:12	28	B	27	3										0.09	0.12	0.03	0.24											
C2A	22/12/2018	Mid-Flood	Fine	Moderate	6:32	13	S	1	1	6			0.15			0.005			0.15	0.11	0.02	0.28			68			NA			1		
C2A	22/12/2018	Mid-Flood	Fine	Moderate	6:32	13	S	1	2	6	6		0.15	0.15		0.005	0.005		0.15	0.11	0.02	0.28	0.28		49	58		NA	NA		1	1	
C2A	22/12/2018	Mid-Flood	Fine	Moderate	6:32	13	S	1	3										0.14	0.11	0.02	0.27											
C2A	22/12/2018	Mid-Flood	Fine	Moderate	6:32	13	M	6.5	1	7			0.27			0.009			0.27	0.12	0.02	0.41			120			NA			1		
C2A	22/12/2018	Mid-Flood	Fine	Moderate	6:32	13	M	6.5	2	6	6	6	0.23	0.25	0.21	0.008	0.009	0.007	0.23	0.10	0.02	0.35	0.39	0.34	210	159	148	NA	NA	NA	2	2	2
C2A	22/12/2018	Mid-Flood	Fine	Moderate	6:32	13	M	6.5	3										0.29	0.11	0.02	0.42											
C2A	22/12/2018	Mid-Flood	Fine	Moderate	6:32	13	B	12	1	6			0.27			0.010			0.27	0.10	0.03	0.40			440			NA			2		
C2A	22/12/2018	Mid-Flood	Fine	Moderate	6:32	13	B	12	2	7	6		0.16	0.22		0.006	0.008		0.16	0.11	0.02	0.29	0.36		280	351		NA	NA		2	2	
C2A	22/12/2018	Mid-Flood	Fine	Moderate	6:32	13	B	12	3										0.27	0.11	0.02	0.40											
G2	22/12/2018	Mid-Flood	Fine	Moderate	8:06	12	S	1	1	6			NA			NA			0.15	0.09	0.02	0.26			NA			NA			NA		
G2	22/12/2018	Mid-Flood	Fine	Moderate	8:06	12	S	1	2	6	6		NA	NA		NA	NA		0.14	0.09	0.02	0.25	0.25		NA	NA		NA	NA		NA	NA	
G2	22/12/2018	Mid-Flood	Fine	Moderate	8:06	12	S	1	3										0.14	0.09	0.02	0.25											
G2	22/12/2018	Mid-Flood	Fine	Moderate	8:06	12	M	6	1	5			NA			NA			0.14	0.09	0.02	0.25			NA			NA			NA		
G2	22/12/2018	Mid-Flood	Fine	Moderate	8:06	12	M	6	2	5	5	6	NA	NA	NA	NA	NA	NA	0.14	0.09	0.02	0.25	0.25	0.26	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	22/12/2018	Mid-Flood	Fine	Moderate	8:06	12	M	6	3										0.15	0.09	0.02	0.26											
G2	22/12/2018	Mid-Flood	Fine	Moderate	8:06	12	B	11	1	8			NA			NA			0.15	0.09	0.02	0.26			NA			NA			NA		
G2	22/12/2018	Mid-Flood	Fine	Moderate	8:06	12	B	11	2	8	8		NA	NA		NA	NA		0.15	0.09	0.02	0.26	0.28		NA	NA		NA	NA		NA	NA	
G2	22/12/2018	Mid-Flood	Fine	Moderate	8:06	12	B	11	3										0.19	0.10	0.02	0.31											
SR2	22/12/2018	Mid-Flood	Fine	Moderate	8:26	9	S	1	1	6			0.14			0.006			NA	NA	NA	NA			NA			NA			NA		
SR2	22/12/2018	Mid-Flood	Fine	Moderate	8:26	9	S	1	2	7	7		0.14	0.14		0.006	0.006		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	22/12/2018	Mid-Flood	Fine	Moderate	8:26	9	S	1	3										NA	NA	NA	NA											
SR2	22/12/2018	Mid-Flood	Fine	Moderate	8:26	9	M	4.5	1	6			0.14			0.006			NA	NA	NA	NA			NA			NA			NA		
SR2	22/12/2018	Mid-Flood	Fine	Moderate	8:26	9	M	4.5	2	7	6	6	0.15	0.15	0.14	0.006	0.006	0.006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	22/12/2018	Mid-Flood	Fine	Moderate	8:26	9	M	4.5	3										NA	NA	NA	NA											
SR2	22/12/2018	Mid-Flood	Fine	Moderate	8:26	9	B	8	1	6			0.15			0.006			NA	NA	NA	NA			NA			NA			NA		
SR2	22/12/2018	Mid-Flood	Fine	Moderate	8:26	9	B	8	2	6	6		0.14	0.15		0.006	0.006		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	22/12/2018	Mid-Flood	Fine	Moderate	8:26	9	B	8	3										NA	NA	NA	NA											
SR3	22/12/2018	Mid-Flood	Fine	Moderate	7:45	8	S	1	1	7			0.13			0.006			NA	NA	NA	NA			NA			NA			NA		
SR3	22/12/2018	Mid-Flood	Fine	Moderate	7:45	8	S	1	2	6	6		0.12	0.13		0.005	0.005		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	22/12/2018	Mid-Flood	Fine	Moderate	7:45	8	S	1	3										NA	NA	NA	NA											
SR3	22/12/2018	Mid-Flood	Fine	Moderate	7:45	8	M	4	1	6			0.12			0.005			NA	NA	NA	NA			NA			NA			NA		
SR3	22/12/2018	Mid-Flood	Fine	Moderate	7:45	8	M	4	2	5	6	6	0.12	0.12	0.13	0.005	0.005	0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	22/12/2018	Mid-Flood	Fine	Moderate	7:45	8	M	4	3										NA	NA	NA	NA											
SR3	22/12/2018	Mid-Flood	Fine	Moderate	7:45	8	B	7	1	6			0.13			0.005			NA	NA	NA	NA			NA			NA			NA		
SR3	22/12/2018	Mid-Flood	Fine	Moderate	7:45	8	B	7	2	7	6		0.13	0.13		0.005	0.005		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	22/12/2018	Mid-Flood	Fine	Moderate	7:45	8	B	7	3										NA	NA	NA	NA											
SR4	22/12/2018	Mid-Flood	Fine	Moderate	7:26	4	S	1	1	8			0.13			0.005			NA	NA	NA	NA			15			NA			<1		
SR4	22/12/2018	Mid-Flood	Fine	Moderate	7:26	4	S	1	2	7	8		0.12	0.13		0.005	0.005		NA	NA	NA	NA	NA		28	20		NA	NA		<1	1	
SR4	22/12/2018	Mid-Flood	Fine	Moderate	7:26	4	S	1	3										NA	NA	NA	NA											
SR4	22/12/2018	Mid-Flood	Fine	Moderate	7:26	4	M		1										NA	NA	NA	NA						NA					
SR4	22/12/2018	Mid-Flood	Fine	Moderate	7:26	4	M		2		NA	7		NA	0.13		NA	0.006	NA	NA	NA	NA	NA	NA		NA	29	NA	NA	NA		NA	1
SR4	22/12/2018	Mid-Flood	Fine	Moderate	7:26	4	M		3										NA	NA	NA	NA											
SR4	22/12/2018	Mid-Flood	Fine	Moderate	7:26	4	B	3	1	6			0.15			0.006			NA	NA	NA	NA			44			NA			<1		
SR4	22/12/2018	Mid-Flood	Fine	Moderate	7:26	4	B	3	2	6	6		0.13	0.14		0.005	0.006		NA	NA	NA	NA	NA		37	40		NA	NA		<1	1	
SR4	22/12/2018	Mid-Flood	Fine	Moderate	7:26	4	B	3	3										NA	NA	NA	NA											

Impact Monitoring Data

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.
SR5	22/12/2018	Mid-Flood	Fine	Moderate	8:46	11	S	1	1	8			NA			NA			0.09	0.09	0.03	0.21			NA			NA			NA		
SR5	22/12/2018	Mid-Flood	Fine	Moderate	8:46	11	S	1	2	9	9		NA	NA		NA	NA		0.08	0.11	0.02	0.21	0.21		NA	NA		NA	NA		NA	NA	
SR5	22/12/2018	Mid-Flood	Fine	Moderate	8:46	11	S	1	3										0.08	0.10	0.03	0.21											
SR5	22/12/2018	Mid-Flood	Fine	Moderate	8:46	11	M	5.5	1	9			NA			NA			0.08	0.10	0.02	0.20			NA			NA			NA		
SR5	22/12/2018	Mid-Flood	Fine	Moderate	8:46	11	M	5.5	2	9	9	8	NA	NA	NA	NA	NA	NA	0.10	0.10	0.02	0.22	0.21	0.21	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	22/12/2018	Mid-Flood	Fine	Moderate	8:46	11	M	5.5	3										0.08	0.10	0.02	0.20											
SR5	22/12/2018	Mid-Flood	Fine	Moderate	8:46	11	B	10	1	6			NA			NA			0.08	0.10	0.03	0.21			NA			NA			NA		
SR5	22/12/2018	Mid-Flood	Fine	Moderate	8:46	11	B	10	2	6	6		NA	NA		NA	NA		0.08	0.09	0.03	0.20	0.21		NA	NA		NA	NA		NA	NA	
SR5	22/12/2018	Mid-Flood	Fine	Moderate	8:46	11	B	10	3										0.10	0.10	0.02	0.22											
SR12	22/12/2018	Mid-Flood	Fine	Moderate	7:11	15	S	1	1	9			0.19			0.008			NA	NA	NA	NA			9			NA			<1		
SR12	22/12/2018	Mid-Flood	Fine	Moderate	7:11	15	S	1	2	9	9		0.17	0.18		0.007	0.007		NA	NA	NA	NA	NA		10	9		NA	NA		<1	1	
SR12	22/12/2018	Mid-Flood	Fine	Moderate	7:11	15	S	1	3										NA	NA	NA	NA											
SR12	22/12/2018	Mid-Flood	Fine	Moderate	7:11	15	M	7.5	1	10			0.16			0.006			NA	NA	NA	NA			81			NA			<1		
SR12	22/12/2018	Mid-Flood	Fine	Moderate	7:11	15	M	7.5	2	8	9	9	0.16	0.16	0.17	0.006	0.006	0.007	NA	NA	NA	NA	NA	NA	55	67	29	NA	NA	NA	<1	1	1
SR12	22/12/2018	Mid-Flood	Fine	Moderate	7:11	15	M	7.5	3										NA	NA	NA	NA											
SR12	22/12/2018	Mid-Flood	Fine	Moderate	7:11	15	B	14	1	9			0.16			0.006			NA	NA	NA	NA			31			NA			<1		
SR12	22/12/2018	Mid-Flood	Fine	Moderate	7:11	15	B	14	2	10	10		0.16	0.16		0.006	0.006		NA	NA	NA	NA	NA		53	41		NA	NA		<1	1	
SR12	22/12/2018	Mid-Flood	Fine	Moderate	7:11	15	B	14	3										NA	NA	NA	NA											
SR13	22/12/2018	Mid-Flood	Fine	Moderate	6:49	14	S	1	1	5			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	22/12/2018	Mid-Flood	Fine	Moderate	6:49	14	S	1	2	5	5		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	22/12/2018	Mid-Flood	Fine	Moderate	6:49	14	S	1	3										NA	NA	NA	NA											
SR13	22/12/2018	Mid-Flood	Fine	Moderate	6:49	14	M	7	1	5			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	22/12/2018	Mid-Flood	Fine	Moderate	6:49	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	22/12/2018	Mid-Flood	Fine	Moderate	6:49	14	M	7	3										NA	NA	NA	NA											
SR13	22/12/2018	Mid-Flood	Fine	Moderate	6:49	14	B	13	1	6			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	22/12/2018	Mid-Flood	Fine	Moderate	6:49	14	B	13	2	6	6		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	22/12/2018	Mid-Flood	Fine	Moderate	6:49	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
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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.								
C1A	22/12/2018	Mid-Ebb	Fine	Moderate	9:50	28	S	1	1	8.05		33.38		21.36		92.7		6.21			2.0			0.08			0.003			0.08	0.12	0.03	0.23								
C1A	22/12/2018	Mid-Ebb	Fine	Moderate	9:50	28	S	1	2	8.06	8.06	33.39	33.39	21.38	21.37	92.8	92.8	6.23	6.22		2.2	2.1		0.08	0.08		0.003	0.003		0.08	0.12	0.03	0.23	0.23							
C1A	22/12/2018	Mid-Ebb	Fine	Moderate	9:50	28	S	1	3																					0.08	0.12	0.03	0.23								
C1A	22/12/2018	Mid-Ebb	Fine	Moderate	9:50	28	M	14	1	8.04		33.39		21.35		92.3		6.15			2.5			0.08			0.003			0.08	0.13	0.03	0.24								
C1A	22/12/2018	Mid-Ebb	Fine	Moderate	9:50	28	M	14	2	8.04	8.04	33.39	33.39	21.36	21.36	92.4	92.4	6.16	6.16		2.6	2.6	2.4	0.09	0.09	0.09	0.003	0.003	0.003	0.09	0.14	0.02	0.25	0.25	0.25						
C1A	22/12/2018	Mid-Ebb	Fine	Moderate	9:50	28	M	14	3																					0.09	0.13	0.03	0.25								
C1A	22/12/2018	Mid-Ebb	Fine	Moderate	9:50	28	B	27	1	8.04		33.40		21.35		92.8		6.19			2.6			0.10			0.004			0.10	0.14	0.03	0.27								
C1A	22/12/2018	Mid-Ebb	Fine	Moderate	9:50	28	B	27	2	8.05	8.05	33.41	33.41	21.36	21.36	92.9	92.9	6.16	6.18		2.7	2.7		0.09	0.10		0.003	0.004		0.09	0.14	0.02	0.25	0.26							
C1A	22/12/2018	Mid-Ebb	Fine	Moderate	9:50	28	B	27	3																					0.10	0.14	0.03	0.27								
C2A	22/12/2018	Mid-Ebb	Fine	Moderate	12:13	13	S	1	1	8.01		33.31		21.36		86.2		6.26			3.0			0.21			0.007			0.21	0.12	0.02	0.35								
C2A	22/12/2018	Mid-Ebb	Fine	Moderate	12:13	13	S	1	2	8.02	8.02	33.31	33.31	21.36	21.36	86.4	86.3	6.25	6.26		3.1	3.1		0.22	0.22		0.008	0.007		0.22	0.11	0.02	0.35	0.35							
C2A	22/12/2018	Mid-Ebb	Fine	Moderate	12:13	13	S	1	3																					0.22	0.11	0.02	0.35								
C2A	22/12/2018	Mid-Ebb	Fine	Moderate	12:13	13	M	6.5	1	8.01		33.41		21.33		83.2		6.08			2.5			0.23			0.008			0.23	0.11	0.03	0.37								
C2A	22/12/2018	Mid-Ebb	Fine	Moderate	12:13	13	M	6.5	2	8.01	8.01	33.41	33.41	21.32	21.33	83.1	83.2	6.09	6.09		2.6	2.6	2.6	0.24	0.24	0.23	0.008	0.008	0.008	0.24	0.12	0.03	0.39	0.38	0.38						
C2A	22/12/2018	Mid-Ebb	Fine	Moderate	12:13	13	M	6.5	3																					0.24	0.12	0.02	0.38								
C2A	22/12/2018	Mid-Ebb	Fine	Moderate	12:13	13	B	12	1	8.02		33.50		21.35		81.8		5.97			2.3			0.25			0.009			0.25	0.13	0.03	0.41								
C2A	22/12/2018	Mid-Ebb	Fine	Moderate	12:13	13	B	12	2	8.03	8.03	33.50	33.50	21.36	21.36	81.7	81.8	5.96	5.97		2.2	2.3		0.25	0.25		0.009	0.009		0.25	0.13	0.04	0.42	0.42							
C2A	22/12/2018	Mid-Ebb	Fine	Moderate	12:13	13	B	12	3																					0.24	0.14	0.04	0.42								
G2	22/12/2018	Mid-Ebb	Fine	Moderate	10:46	12	S	1	1	8.12		33.39		21.42		88.9		6.41			3.3			NA			NA			0.16	0.08	0.02	0.26								
G2	22/12/2018	Mid-Ebb	Fine	Moderate	10:46	12	S	1	2	8.12	8.12	33.40	33.40	21.42	21.42	88.8	88.9	6.40	6.41		3.3	3.3		NA	NA		NA	NA		0.17	0.09	0.03	0.29	0.28							
G2	22/12/2018	Mid-Ebb	Fine	Moderate	10:46	12	S	1	3																					0.17	0.09	0.02	0.28								
G2	22/12/2018	Mid-Ebb	Fine	Moderate	10:46	12	M	6	1	8.12		33.42		21.33		86.2		6.38			3.6			NA			NA			0.18	0.09	0.03	0.30								
G2	22/12/2018	Mid-Ebb	Fine	Moderate	10:46	12	M	6	2	8.12	8.12	33.42	33.42	21.33	21.33	86.1	86.2	6.37	6.38		3.6	3.6	3.6	NA	NA	NA	NA	NA	NA	0.18	0.08	0.03	0.29	0.30	0.31						
G2	22/12/2018	Mid-Ebb	Fine	Moderate	10:46	12	M	6	3																					0.19	0.09	0.03	0.31								
G2	22/12/2018	Mid-Ebb	Fine	Moderate	10:46	12	B	11	1	8.11		33.46		21.36		85.8		6.24			3.9			NA			NA			0.20	0.10	0.04	0.34								
G2	22/12/2018	Mid-Ebb	Fine	Moderate	10:46	12	B	11	2	8.11	8.11	33.46	33.46	21.36	21.36	85.9	85.9	6.22	6.23		3.8	3.9		NA	NA		NA	NA		0.21	0.11	0.03	0.35	0.35							
G2	22/12/2018	Mid-Ebb	Fine	Moderate	10:46	12	B	11	3																					0.21	0.10	0.04	0.35								
SR2	22/12/2018	Mid-Ebb	Fine	Moderate	10:32	9	S	1	1	8.12		33.44		21.27		85.1		6.20			3.5			0.16			0.007			NA	NA	NA	NA								
SR2	22/12/2018	Mid-Ebb	Fine	Moderate	10:32	9	S	1	2	8.12	8.12	33.45	33.45	21.28	21.28	85.1	85.1	6.21	6.21		3.6	3.6		0.16	0.16		0.007	0.007		NA	NA	NA	NA	NA							
SR2	22/12/2018	Mid-Ebb	Fine	Moderate	10:32	9	S	1	3																					NA	NA	NA	NA								
SR2	22/12/2018	Mid-Ebb	Fine	Moderate	10:32	9	M	4.5	1	8.11		33.45		21.27		84.7		6.18			3.5			0.18			0.008			NA	NA	NA	NA								
SR2	22/12/2018	Mid-Ebb	Fine	Moderate	10:32	9	M	4.5	2	8.11	8.11	33.46	33.46	21.28	21.28	84.6	84.7	6.17	6.18		3.6	3.6	3.8	0.18	0.18	0.17	0.008	0.008	0.007	NA	NA	NA	NA	NA	NA						
SR2	22/12/2018	Mid-Ebb	Fine	Moderate	10:32	9	M	4.5	3																					NA	NA	NA	NA								
SR2	22/12/2018	Mid-Ebb	Fine	Moderate	10:32	9	B	8	1	8.11		33.45		21.26		84.5		6.17			4.1			0.18			0.008			NA	NA	NA	NA								
SR2	22/12/2018	Mid-Ebb	Fine	Moderate	10:32	9	B	8	2	8.11	8.11	33.46	33.46	21.25	21.26	84.4	84.5	6.16	6.17		4.2	4.2		0.17	0.18		0.007	0.007		NA	NA	NA	NA	NA							
SR2	22/12/2018	Mid-Ebb	Fine	Moderate	10:32	9	B	8	3																					NA	NA	NA	NA								
SR3	22/12/2018	Mid-Ebb	Fine	Moderate	11:03	8	S	1	1	8.11		33.47		21.31		88.1		6.45			2.2			0.13			0.006			NA	NA	NA	NA								
SR3	22/12/2018	Mid-Ebb	Fine	Moderate	11:03	8	S	1	2	8.11	8.11	33.48	33.48	21.32	21.32	88.2	88.2	6.46	6.46		2.3	2.3		0.14	0.14		0.006	0.006		NA	NA	NA	NA	NA							
SR3	22/12/2018	Mid-Ebb	Fine	Moderate	11:03	8	S	1	3																					NA	NA	NA	NA								
SR3	22/12/2018	Mid-Ebb	Fine	Moderate	11:03	8	M	4	1	8.11		33.47		21.24		87.8		6.35			2.8			0.14			0.006			NA	NA	NA	NA								
SR3	22/12/2018	Mid-Ebb	Fine	Moderate	11:03	8	M	4	2	8.11	8.11	33.48	33.48	21.26	21.25	87.9	87.9	6.36	6.36		2.9	2.9	2.9	0.14	0.14	0.14	0.006	0.006	0.006	NA	NA	NA	NA	NA	NA						
SR3	22/12/2018	Mid-Ebb	Fine	Moderate	11:03	8	M	4	3																					NA	NA	NA	NA								
SR3	22/12/2018	Mid-Ebb	Fine	Moderate	11:03	8	B	7	1	8.11		33.47		21.24		86.5		6.31			3.4			0.15			0.006			NA	NA	NA	NA								
SR3	22/12/2018	Mid-Ebb	Fine	Moderate	11:03	8	B	7	2	8.11	8.11	33.48	33.48	21.26	21.25	86.6	86.6	6.32	6.32		3.5	3.5		0.16	0.16		0.007	0.007		NA	NA	NA	NA	NA							
SR3	22/12/2018	Mid-Ebb	Fine	Moderate	11:03	8	B	7	3																					NA	NA	NA	NA								
SR4	22/12/2018	Mid-Ebb	Fine	Moderate	11:20	4	S	1	1	8.10		33.47		21.38		84.3		6.14			3.4			0.16			0.007			NA	NA	NA	NA								
SR4	22/12/2018	Mid-Ebb	Fine	Moderate	11:20	4	S	1	2	8.10	8.10	33.48	33.48	21.38	21.38	84.4	84.4	6.15	6.15		3.5	3.5		0.17	0.17		0.007	0.007		NA	NA	NA	NA	NA							
SR4	22/12/2018	Mid-Ebb	Fine	Moderate	11:20	4	S	1	3																					NA	NA	NA	NA								
SR4	22/12/2018	Mid-Ebb	Fine	Moderate	11:20	4	M		1																					NA	NA	NA	NA								
SR4	22/12/2018	Mid-Ebb	Fine	Moderate	11:20	4	M		2		NA		NA		NA		NA		NA			NA	3.5		NA	0.16		NA	0.007	NA	NA	NA	NA	NA	NA						
SR4	22/12/2018	Mid-Ebb	Fine	Moderate	11:20	4	M		3																					NA	NA	NA	NA								
SR4	22/12/2018	Mid-Ebb	Fine	Moderate	11:20	4	B	3	1	8.10		33.48		21.33		84.1		6.13			3.5			0.15			0.006			NA	NA	NA	NA								
SR4	22/12/2018	Mid-Ebb	Fine	Moderate	11:20	4	B	3	2	8.10	8.10	33.48	33.48	21.33	21.33	84.2	84.2	6.16	6.15		3.5	3.5		0.16	0.16		0.007	0.006		NA	NA	NA	NA	NA							
SR4	22/12/2018	Mid-Ebb	Fine	Moderate	11:20	4	B	3	3																					NA	NA	NA	NA								

Impact Monitoring Data

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 Ave.	Value	Ave.	Depth Ave.	Value	Ave.	Depth Ave.	Value	Value	Value	Value	Ave.	Depth Ave.
SR5	22/12/2018	Mid-Ebb	Fine	Moderate	10:11	11	S	1	1	8.15		33.28		21.24		90.5		6.61			3.0			NA			NA			0.09	0.10	0.03	0.22		
SR5	22/12/2018	Mid-Ebb	Fine	Moderate	10:11	11	S	1	2	8.15	8.15	33.29	33.29	21.24	21.24	90.6	90.6	6.62	6.62		3.1	3.1		NA	NA		NA	NA		0.09	0.11	0.03	0.23	0.22	
SR5	22/12/2018	Mid-Ebb	Fine	Moderate	10:11	11	S	1	3																					0.08	0.11	0.02	0.21		
SR5	22/12/2018	Mid-Ebb	Fine	Moderate	10:11	11	M	5.5	1	8.15		33.11		21.21		89.9		6.57			3.2			NA			NA			0.10	0.11	0.02	0.23		
SR5	22/12/2018	Mid-Ebb	Fine	Moderate	10:11	11	M	5.5	2	8.15	8.15	33.11	33.11	21.22	21.22	89.8	89.9	6.58	6.58	6.60	3.3	3.3	3.4	NA	NA	NA	NA	NA	NA	0.11	0.12	0.02	0.25	0.24	0.24
SR5	22/12/2018	Mid-Ebb	Fine	Moderate	10:11	11	M	5.5	3																					0.10	0.11	0.02	0.23		
SR5	22/12/2018	Mid-Ebb	Fine	Moderate	10:11	11	B	10	1	8.15		33.12		21.20		85.0		6.55			3.9			NA			NA			0.12	0.12	0.02	0.26		
SR5	22/12/2018	Mid-Ebb	Fine	Moderate	10:11	11	B	10	2	8.15	8.15	33.13	33.13	21.20	21.20	85.1	85.1	6.56	6.56		3.8	3.9		NA	NA		NA	NA		0.12	0.12	0.02	0.26	0.26	
SR5	22/12/2018	Mid-Ebb	Fine	Moderate	10:11	11	B	10	3																					0.11	0.12	0.03	0.26		
SR12	22/12/2018	Mid-Ebb	Fine	Moderate	11:35	15	S	1	1	8.08		33.45		21.30		82.5		6.00			4.5			0.17			0.007			NA	NA	NA	NA		
SR12	22/12/2018	Mid-Ebb	Fine	Moderate	11:35	15	S	1	2	8.08	8.08	33.45	33.45	21.30	21.30	8.6	45.6	6.06	6.03		4.5	4.5		0.19	0.18		0.008	0.007		NA	NA	NA	NA	NA	
SR12	22/12/2018	Mid-Ebb	Fine	Moderate	11:35	15	S	1	3											6.03										NA	NA	NA	NA		
SR12	22/12/2018	Mid-Ebb	Fine	Moderate	11:35	15	M	7.5	1	8.08		33.45		21.39		82.4		6.00			4.3			0.18			0.007			NA	NA	NA	NA		
SR12	22/12/2018	Mid-Ebb	Fine	Moderate	11:35	15	M	7.5	2	8.08	8.08	33.45	33.45	21.38	21.39	82.5	82.5	6.07	6.04		4.3	4.3	4.4	0.18	0.18	0.19	0.007	0.007	0.008	NA	NA	NA	NA	NA	NA
SR12	22/12/2018	Mid-Ebb	Fine	Moderate	11:35	15	M	7.5	3																					NA	NA	NA	NA		
SR12	22/12/2018	Mid-Ebb	Fine	Moderate	11:35	15	B	14	1	8.08		33.45		21.40		82.5		6.00			4.5			0.21			0.008			NA	NA	NA	NA		
SR12	22/12/2018	Mid-Ebb	Fine	Moderate	11:35	15	B	14	2	8.09	8.09	33.46	33.46	21.41	21.41	82.6	82.6	6.08	6.04		4.5	4.5		0.21	0.21		0.008	0.008		NA	NA	NA	NA	NA	
SR12	22/12/2018	Mid-Ebb	Fine	Moderate	11:35	15	B	14	3																					NA	NA	NA	NA		
SR13	22/12/2018	Mid-Ebb	Fine	Moderate	11:54	14	S	1	1	8.07		33.46		21.46		81.9		5.96			5.3			NA			NA			NA	NA	NA	NA		
SR13	22/12/2018	Mid-Ebb	Fine	Moderate	11:54	14	S	1	2	8.07	8.07	33.46	33.46	21.46	21.46	81.9	81.9	5.97	5.97		5.3	5.3		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	22/12/2018	Mid-Ebb	Fine	Moderate	11:54	14	S	1	3																					NA	NA	NA	NA		
SR13	22/12/2018	Mid-Ebb	Fine	Moderate	11:54	14	M	7	1	8.07		33.46		21.38		81.8		5.96			3.3			NA			NA			NA	NA	NA	NA		
SR13	22/12/2018	Mid-Ebb	Fine	Moderate	11:54	14	M	7	2	8.06	8.07	33.47	33.47	21.39	21.39	81.9	81.9	6.02	5.99	5.98	3.5	3.4	4.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	22/12/2018	Mid-Ebb	Fine	Moderate	11:54	14	M	7	3																					NA	NA	NA	NA		
SR13	22/12/2018	Mid-Ebb	Fine	Moderate	11:54	14	B	13	1	8.07		33.46		21.39		81.8		5.95			3.8			NA			NA			NA	NA	NA	NA		
SR13	22/12/2018	Mid-Ebb	Fine	Moderate	11:54	14	B	13	2	8.08	8.08	33.47	33.47	21.40	21.40	81.9	81.9	5.99	5.97		3.9	3.9		NA	NA		NA	NA		NA	NA	NA	NA	NA	
SR13	22/12/2018	Mid-Ebb	Fine	Moderate	11:54	14	B	13	3																					NA	NA	NA	NA		

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

Impact Monitoring Data

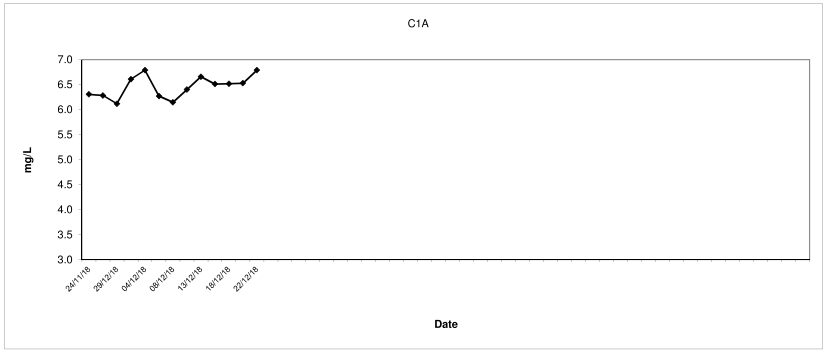
Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																								
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (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	22/12/2018	Mid-Ebb	Fine	Moderate	9:50	28	S	1	1	5			0.08			0.003			0.08	0.12	0.03	0.23			28			NA			<1		
C1A	22/12/2018	Mid-Ebb	Fine	Moderate	9:50	28	S	1	2	4	5		0.07	0.08		0.003	0.003		0.07	0.12	0.03	0.22	0.22		23	25		NA	NA		<1	1	
C1A	22/12/2018	Mid-Ebb	Fine	Moderate	9:50	28	S	1	3										0.07	0.12	0.03	0.22											
C1A	22/12/2018	Mid-Ebb	Fine	Moderate	9:50	28	M	14	1	6			0.08			0.003			0.08	0.12	0.03	0.23			36			NA			<1		
C1A	22/12/2018	Mid-Ebb	Fine	Moderate	9:50	28	M	14	2	7	6	6	0.08	0.08	0.08	0.003	0.003	0.003	0.08	0.13	0.02	0.23	0.24	0.23	37	36	38	NA	NA	NA	<1	1	1
C1A	22/12/2018	Mid-Ebb	Fine	Moderate	9:50	28	M	14	3										0.09	0.13	0.03	0.25											
C1A	22/12/2018	Mid-Ebb	Fine	Moderate	9:50	28	B	27	1	7			0.08			0.003			0.08	0.12	0.03	0.23			71			NA			<1		
C1A	22/12/2018	Mid-Ebb	Fine	Moderate	9:50	28	B	27	2	6	7		0.07	0.08		0.003	0.003		0.07	0.13	0.02	0.22	0.23		48	58		NA	NA		<1	1	
C1A	22/12/2018	Mid-Ebb	Fine	Moderate	9:50	28	B	27	3										0.08	0.12	0.03	0.23											
C2A	22/12/2018	Mid-Ebb	Fine	Moderate	12:13	13	S	1	1	5			0.24			0.008			0.24	0.12	0.02	0.38			23			NA			<1		
C2A	22/12/2018	Mid-Ebb	Fine	Moderate	12:13	13	S	1	2	6	5		0.22	0.23		0.008	0.008		0.22	0.10	0.03	0.35	0.36		38	30		NA	NA		<1	1	
C2A	22/12/2018	Mid-Ebb	Fine	Moderate	12:13	13	S	1	3										0.23	0.11	0.02	0.36											
C2A	22/12/2018	Mid-Ebb	Fine	Moderate	12:13	13	M	6.5	1	6			0.24			0.008			0.24	0.10	0.02	0.36			750			NA			<1		
C2A	22/12/2018	Mid-Ebb	Fine	Moderate	12:13	13	M	6.5	2	7	7	6	0.24	0.24	0.23	0.008	0.008	0.008	0.24	0.11	0.02	0.37	0.36	0.36	470	594	159	NA	NA	NA	<1	1	1
C2A	22/12/2018	Mid-Ebb	Fine	Moderate	12:13	13	M	6.5	3										0.22	0.11	0.02	0.35											
C2A	22/12/2018	Mid-Ebb	Fine	Moderate	12:13	13	B	12	1	7			0.21			0.007			0.21	0.11	0.02	0.34			170			NA			2		
C2A	22/12/2018	Mid-Ebb	Fine	Moderate	12:13	13	B	12	2	6	7		0.23	0.22		0.008	0.008		0.23	0.10	0.02	0.35	0.35		310	230		NA	NA		1	2	
C2A	22/12/2018	Mid-Ebb	Fine	Moderate	12:13	13	B	12	3										0.23	0.12	0.01	0.36											
G2	22/12/2018	Mid-Ebb	Fine	Moderate	10:46	12	S	1	1	4			NA			NA			0.17	0.09	0.02	0.28			NA			NA			NA		
G2	22/12/2018	Mid-Ebb	Fine	Moderate	10:46	12	S	1	2	4	4		NA	NA		NA	NA		0.22	0.10	0.03	0.35	0.31		NA	NA		NA	NA		NA	NA	
G2	22/12/2018	Mid-Ebb	Fine	Moderate	10:46	12	S	1	3										0.19	0.10	0.02	0.31											
G2	22/12/2018	Mid-Ebb	Fine	Moderate	10:46	12	M	6	1	5			NA			NA			0.14	0.08	0.03	0.25			NA			NA			NA		
G2	22/12/2018	Mid-Ebb	Fine	Moderate	10:46	12	M	6	2	5	5	4	NA	NA	NA	NA	NA	NA	0.15	0.09	0.02	0.26	0.26	0.27	NA	NA	NA	NA	NA	NA	NA	NA	NA
G2	22/12/2018	Mid-Ebb	Fine	Moderate	10:46	12	M	6	3										0.15	0.09	0.02	0.26											
G2	22/12/2018	Mid-Ebb	Fine	Moderate	10:46	12	B	11	1	5			NA			NA			0.14	0.09	0.02	0.25			NA			NA			NA		
G2	22/12/2018	Mid-Ebb	Fine	Moderate	10:46	12	B	11	2	4	4		NA	NA		NA	NA		0.15	0.09	0.02	0.26	0.25		NA	NA		NA	NA		NA	NA	
G2	22/12/2018	Mid-Ebb	Fine	Moderate	10:46	12	B	11	3										0.14	0.09	0.02	0.25											
SR2	22/12/2018	Mid-Ebb	Fine	Moderate	10:32	9	S	1	1	6			0.15			0.006			NA	NA	NA	NA			NA			NA			NA		
SR2	22/12/2018	Mid-Ebb	Fine	Moderate	10:32	9	S	1	2	5	5		0.15	0.15		0.006	0.006		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	22/12/2018	Mid-Ebb	Fine	Moderate	10:32	9	S	1	3										NA	NA	NA	NA											
SR2	22/12/2018	Mid-Ebb	Fine	Moderate	10:32	9	M	4.5	1	6			0.15			0.006			NA	NA	NA	NA			NA			NA			NA		
SR2	22/12/2018	Mid-Ebb	Fine	Moderate	10:32	9	M	4.5	2	6	6	6	0.15	0.15	0.15	0.006	0.006	0.006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR2	22/12/2018	Mid-Ebb	Fine	Moderate	10:32	9	M	4.5	3										NA	NA	NA	NA											
SR2	22/12/2018	Mid-Ebb	Fine	Moderate	10:32	9	B	8	1	7			0.15			0.006			NA	NA	NA	NA			NA			NA			NA		
SR2	22/12/2018	Mid-Ebb	Fine	Moderate	10:32	9	B	8	2	5	6		0.16	0.16		0.007	0.007		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR2	22/12/2018	Mid-Ebb	Fine	Moderate	10:32	9	B	8	3										NA	NA	NA	NA											
SR3	22/12/2018	Mid-Ebb	Fine	Moderate	11:03	8	S	1	1	5			0.13			0.006			NA	NA	NA	NA			NA			NA			NA		
SR3	22/12/2018	Mid-Ebb	Fine	Moderate	11:03	8	S	1	2	5	5		0.15	0.14		0.006	0.006		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	22/12/2018	Mid-Ebb	Fine	Moderate	11:03	8	S	1	3										NA	NA	NA	NA											
SR3	22/12/2018	Mid-Ebb	Fine	Moderate	11:03	8	M	4	1	6			0.13			0.005			NA	NA	NA	NA			NA			NA			NA		
SR3	22/12/2018	Mid-Ebb	Fine	Moderate	11:03	8	M	4	2	5	5	5	0.13	0.13	0.13	0.005	0.005	0.006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR3	22/12/2018	Mid-Ebb	Fine	Moderate	11:03	8	M	4	3										NA	NA	NA	NA											
SR3	22/12/2018	Mid-Ebb	Fine	Moderate	11:03	8	B	7	1	6			0.12			0.005			NA	NA	NA	NA			NA			NA			NA		
SR3	22/12/2018	Mid-Ebb	Fine	Moderate	11:03	8	B	7	2	4	5		0.13	0.13		0.005	0.005		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR3	22/12/2018	Mid-Ebb	Fine	Moderate	11:03	8	B	7	3										NA	NA	NA	NA											
SR4	22/12/2018	Mid-Ebb	Fine	Moderate	11:20	4	S	1	1	5			0.14			0.006			NA	NA	NA	NA			13			NA			<1		
SR4	22/12/2018	Mid-Ebb	Fine	Moderate	11:20	4	S	1	2	6	5		0.17	0.16		0.007	0.006		NA	NA	NA	NA	NA		8	10		NA	NA		<1	1	
SR4	22/12/2018	Mid-Ebb	Fine	Moderate	11:20	4	S	1	3										NA	NA	NA	NA											
SR4	22/12/2018	Mid-Ebb	Fine	Moderate	11:20	4	M		1										NA	NA	NA	NA						NA					
SR4	22/12/2018	Mid-Ebb	Fine	Moderate	11:20	4	M		2		NA	6		NA	0.15		NA	0.006	NA	NA	NA	NA	NA	NA		NA	19	NA	NA	NA		NA	1
SR4	22/12/2018	Mid-Ebb	Fine	Moderate	11:20	4	M		3										NA	NA	NA	NA											
SR4	22/12/2018	Mid-Ebb	Fine	Moderate	11:20	4	B	3	1	6			0.14			0.006			NA	NA	NA	NA			44			NA			<1		
SR4	22/12/2018	Mid-Ebb	Fine	Moderate	11:20	4	B	3	2	6	6		0.13	0.14		0.005	0.006		NA	NA	NA	NA	NA		26	34		NA	NA		<1	1	
SR4	22/12/2018	Mid-Ebb	Fine	Moderate	11:20	4	B	3	3										NA	NA	NA	NA											

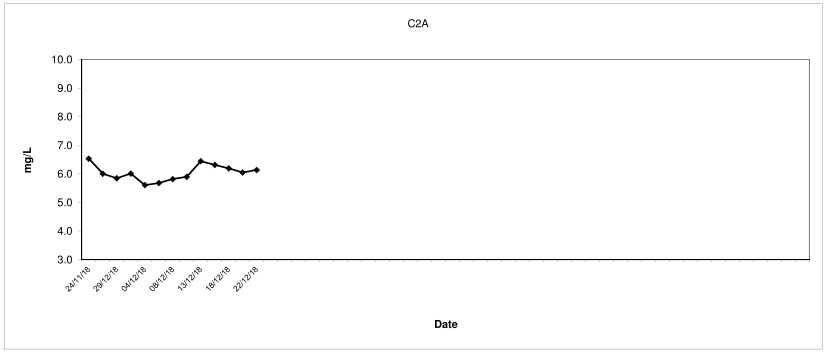
Impact Monitoring Data

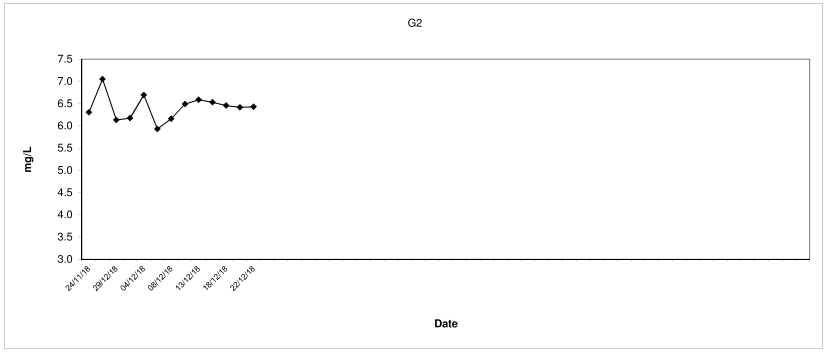
Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	Laboratory Analysis																								
										Total Suspended Solids (mg/L)			Ammonia Nitrogen (mg/L-N)			UIA (mg/L-N)			TIN-Ammonia (mg/L-N)	TIN-Nitrate (mg/L-N)	TIN-Nitrite (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.
SR5	22/12/2018	Mid-Ebb	Fine	Moderate	10:11	11	S	1	1	6			NA			NA			0.10	0.09	0.03	0.22			NA			NA			NA		
SR5	22/12/2018	Mid-Ebb	Fine	Moderate	10:11	11	S	1	2	4	5		NA	NA		NA	NA		0.08	0.09	0.03	0.20	0.21		NA	NA		NA	NA		NA	NA	
SR5	22/12/2018	Mid-Ebb	Fine	Moderate	10:11	11	S	1	3										0.09	0.10	0.02	0.21											
SR5	22/12/2018	Mid-Ebb	Fine	Moderate	10:11	11	M	5.5	1	6			NA			NA			0.09	0.11	0.02	0.22			NA			NA			NA		
SR5	22/12/2018	Mid-Ebb	Fine	Moderate	10:11	11	M	5.5	2	5	5	5	NA	NA	NA	NA	NA	NA	0.08	0.10	0.02	0.20	0.21	0.21	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR5	22/12/2018	Mid-Ebb	Fine	Moderate	10:11	11	M	5.5	3										0.09	0.10	0.02	0.21											
SR5	22/12/2018	Mid-Ebb	Fine	Moderate	10:11	11	B	10	1	6			NA			NA			0.08	0.11	0.02	0.21			NA			NA			NA		
SR5	22/12/2018	Mid-Ebb	Fine	Moderate	10:11	11	B	10	2	5	5		NA	NA		NA	NA		0.08	0.10	0.02	0.20	0.21		NA	NA		NA	NA		NA	NA	
SR5	22/12/2018	Mid-Ebb	Fine	Moderate	10:11	11	B	10	3										0.08	0.10	0.03	0.21											
SR12	22/12/2018	Mid-Ebb	Fine	Moderate	11:35	15	S	1	1	6			0.18			0.007			NA	NA	NA	NA			46			NA			<1		
SR12	22/12/2018	Mid-Ebb	Fine	Moderate	11:35	15	S	1	2	5	6		0.20	0.19		0.008	0.008		NA	NA	NA	NA	NA		31	38		NA	NA		<1	1	
SR12	22/12/2018	Mid-Ebb	Fine	Moderate	11:35	15	S	1	3										NA	NA	NA	NA											
SR12	22/12/2018	Mid-Ebb	Fine	Moderate	11:35	15	M	7.5	1	6			0.16			0.006			NA	NA	NA	NA			33			NA			<1		
SR12	22/12/2018	Mid-Ebb	Fine	Moderate	11:35	15	M	7.5	2	7	7	7	0.14	0.15	0.18	0.006	0.006	0.007	NA	NA	NA	NA	NA	NA	40	36	21	NA	NA	NA	<1	1	1
SR12	22/12/2018	Mid-Ebb	Fine	Moderate	11:35	15	M	7.5	3										NA	NA	NA	NA											
SR12	22/12/2018	Mid-Ebb	Fine	Moderate	11:35	15	B	14	1	7			0.18			0.007			NA	NA	NA	NA			5			NA			<1		
SR12	22/12/2018	Mid-Ebb	Fine	Moderate	11:35	15	B	14	2	7	7		0.19	0.19		0.008	0.007		NA	NA	NA	NA	NA		8	6		NA	NA		<1	1	
SR12	22/12/2018	Mid-Ebb	Fine	Moderate	11:35	15	B	14	3										NA	NA	NA	NA											
SR13	22/12/2018	Mid-Ebb	Fine	Moderate	11:54	14	S	1	1	5			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	22/12/2018	Mid-Ebb	Fine	Moderate	11:54	14	S	1	2	6	6		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	22/12/2018	Mid-Ebb	Fine	Moderate	11:54	14	S	1	3										NA	NA	NA	NA											
SR13	22/12/2018	Mid-Ebb	Fine	Moderate	11:54	14	M	7	1	2			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	22/12/2018	Mid-Ebb	Fine	Moderate	11:54	14	M	7	2	3	2	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR13	22/12/2018	Mid-Ebb	Fine	Moderate	11:54	14	M	7	3										NA	NA	NA	NA											
SR13	22/12/2018	Mid-Ebb	Fine	Moderate	11:54	14	B	13	1	4			NA			NA			NA	NA	NA	NA			NA			NA			NA		
SR13	22/12/2018	Mid-Ebb	Fine	Moderate	11:54	14	B	13	2	4	4		NA	NA		NA	NA		NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	
SR13	22/12/2018	Mid-Ebb	Fine	Moderate	11:54	14	B	13	3										NA	NA	NA	NA											

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

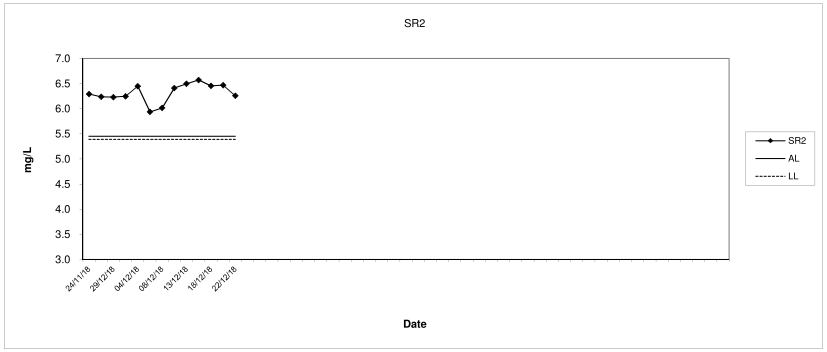
Dissolved Oxygen (Surface and Middle) at Mid-Flood Tide

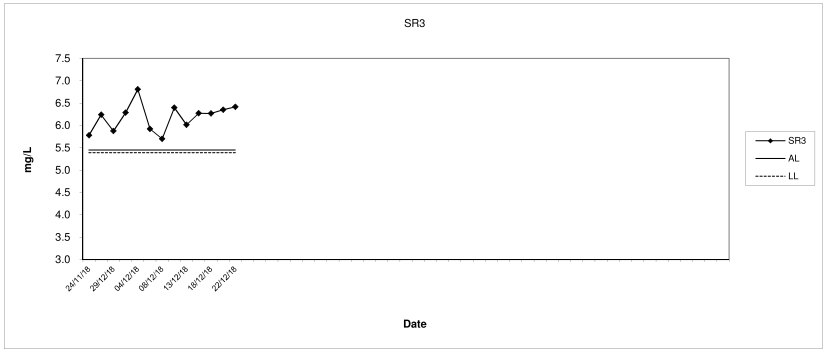






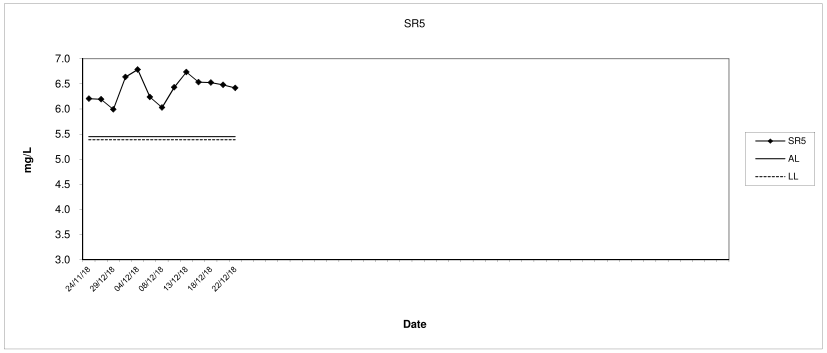
Dissolved Oxygen (Surface and Middle) at Mid-Flood Tide

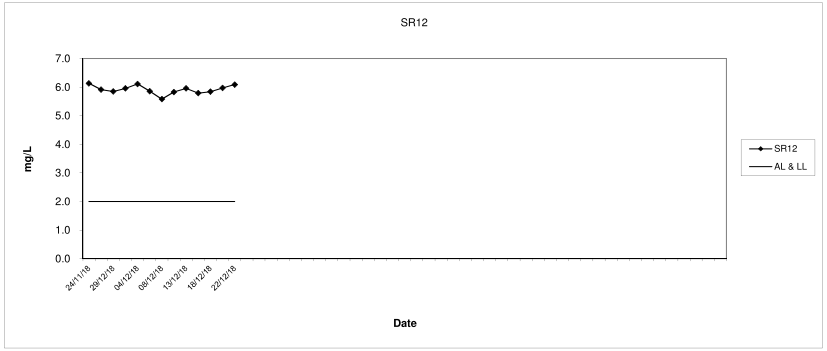




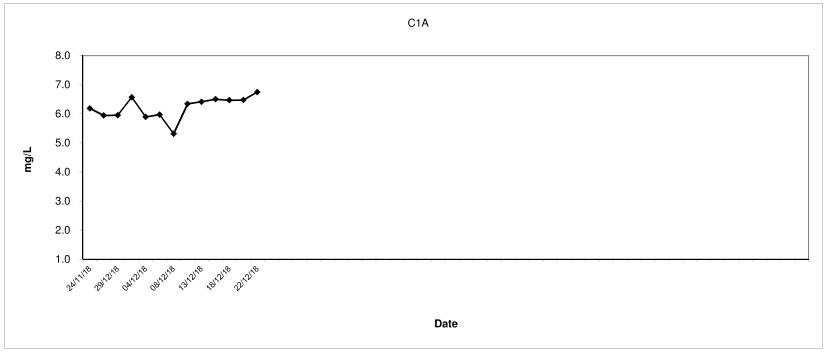
Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

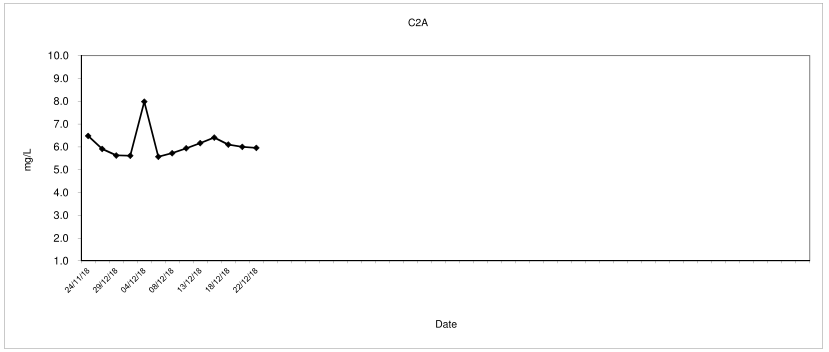
Dissolved Oxygen (Surface and Middle) at Mid-Flood Tide

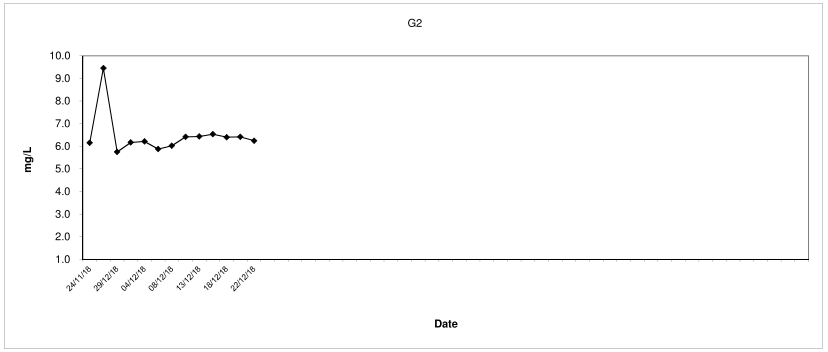




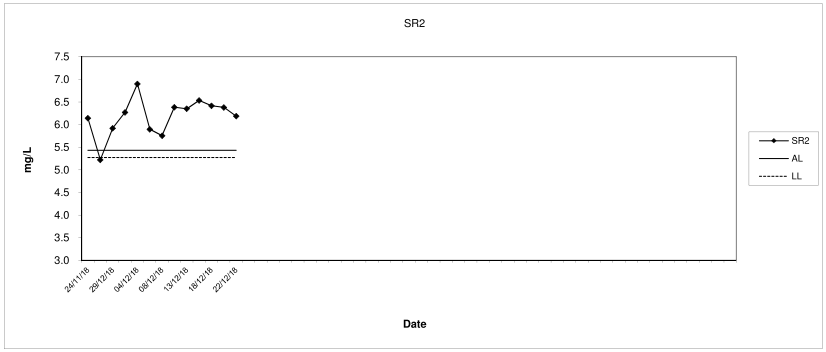
Dissolved Oxygen (Bottom) at Mid-Flood Tide

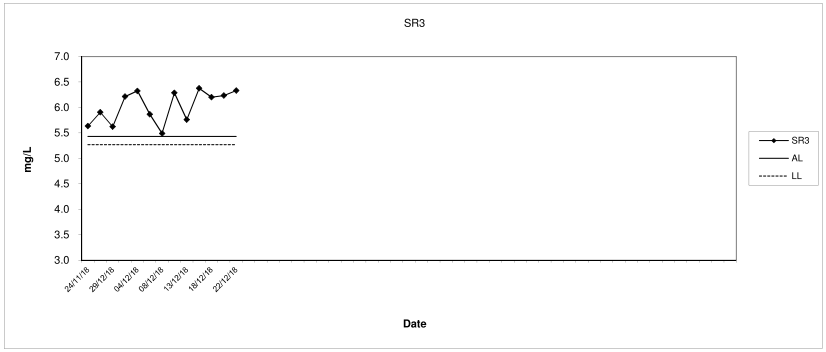


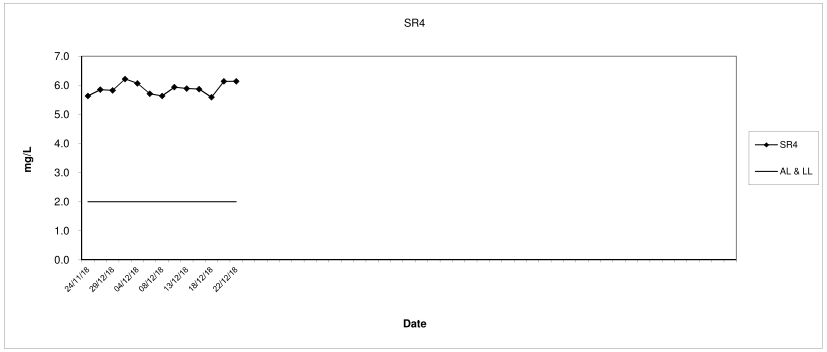




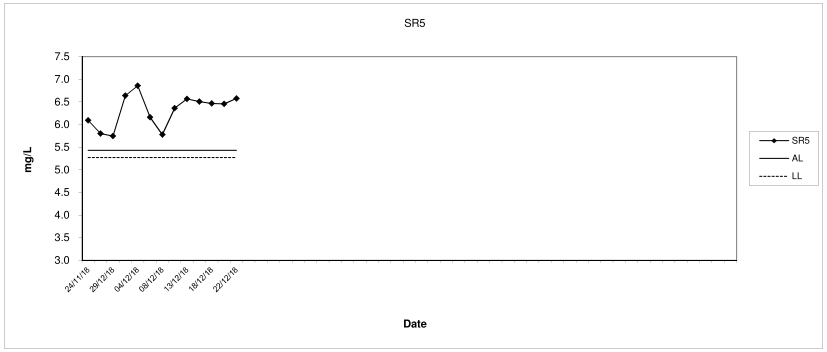
Dissolved Oxygen (Bottom) at Mid-Flood Tide

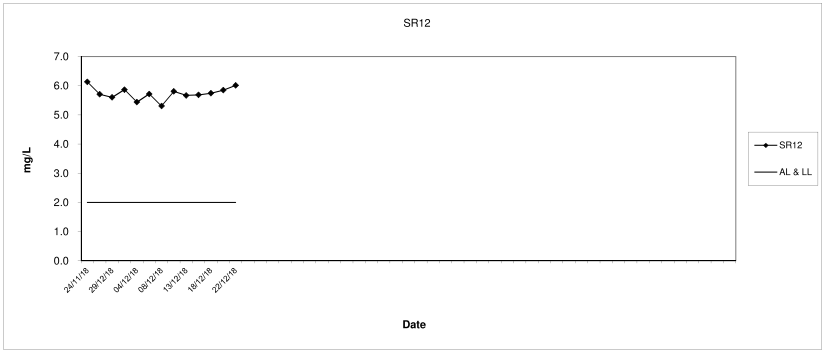


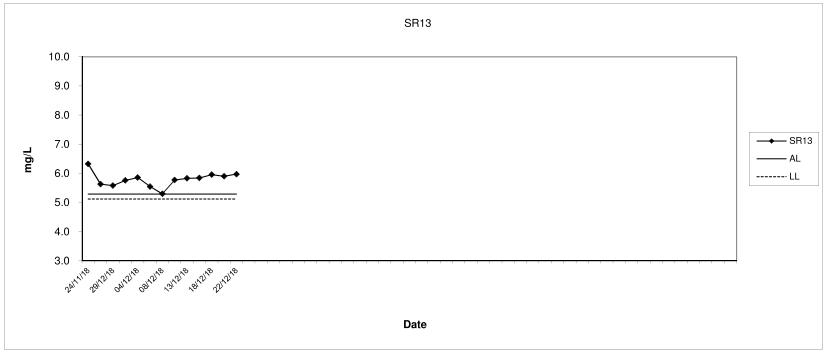




Dissolved Oxygen (Bottom) at Mid-Flood Tide

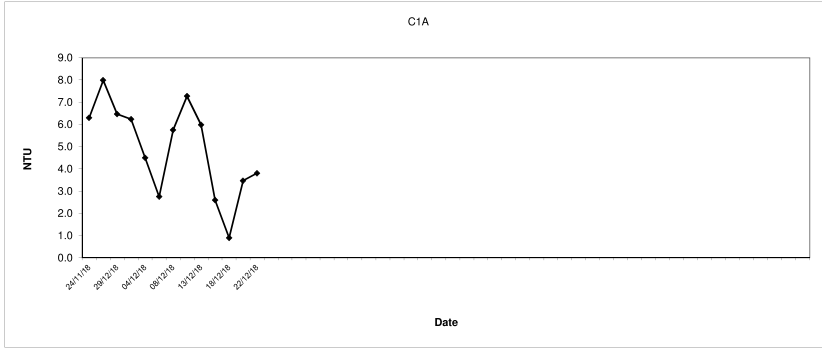


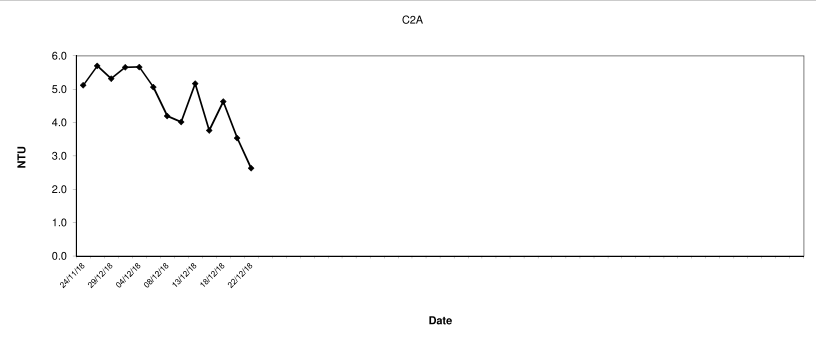


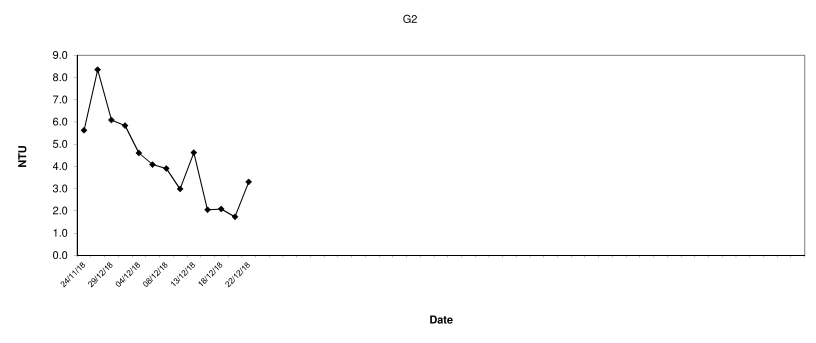


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

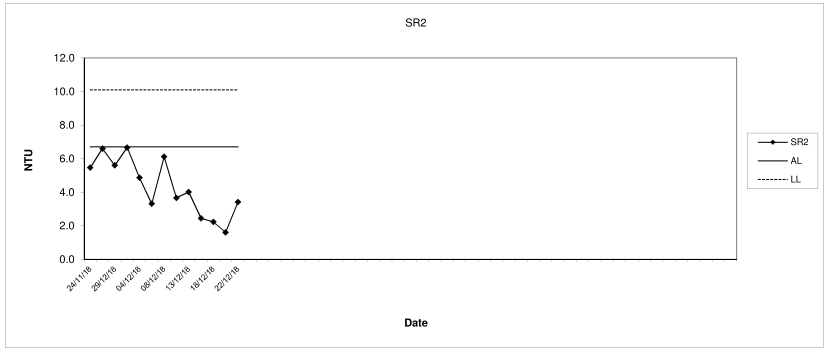
Turbidity (Depth average) at Mid-Flood Tide

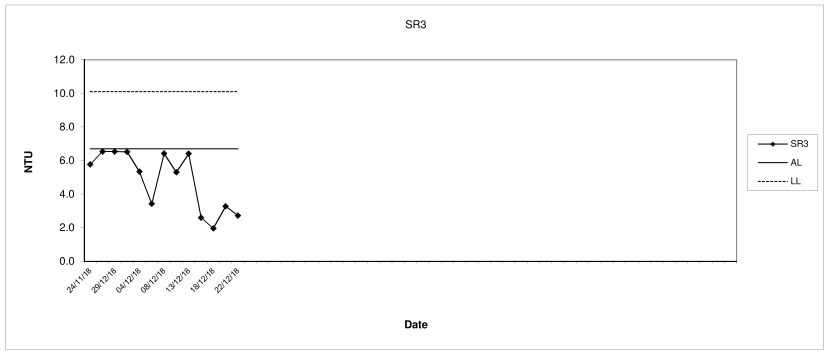


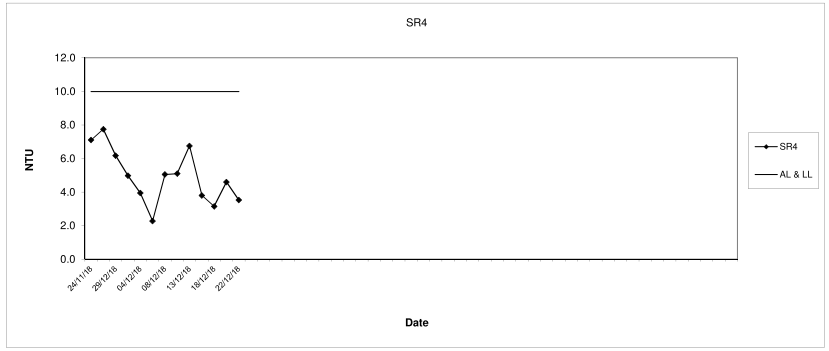




Turbidity (Depth average) at Mid-Flood Tide

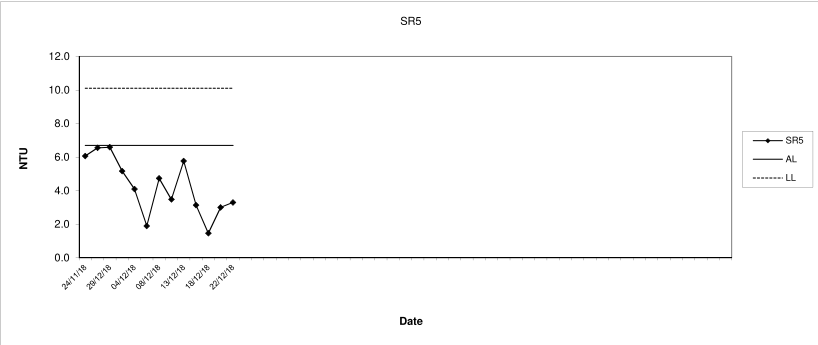


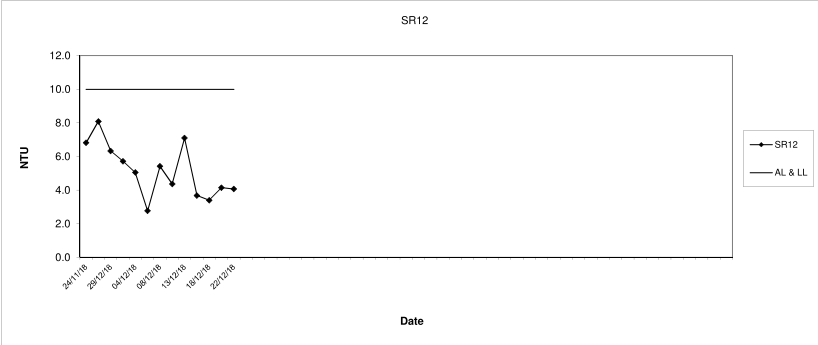


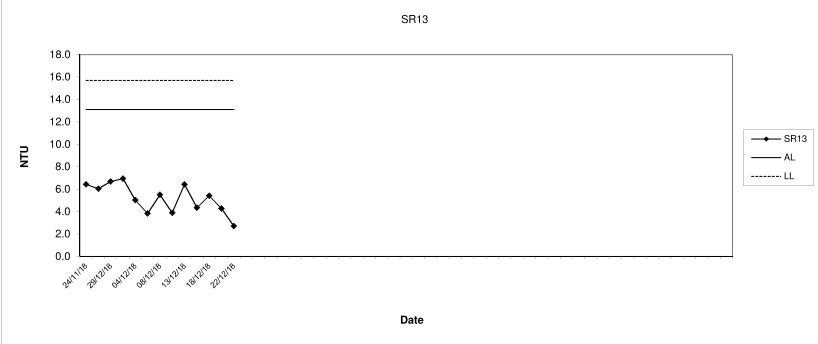


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

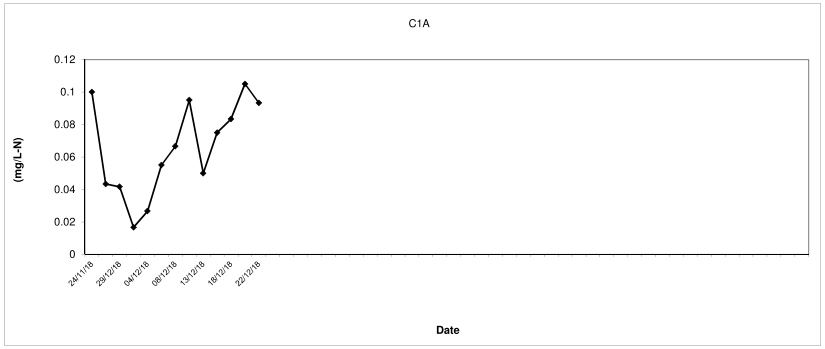
Turbidity (Depth average) at Mid-Flood Tide

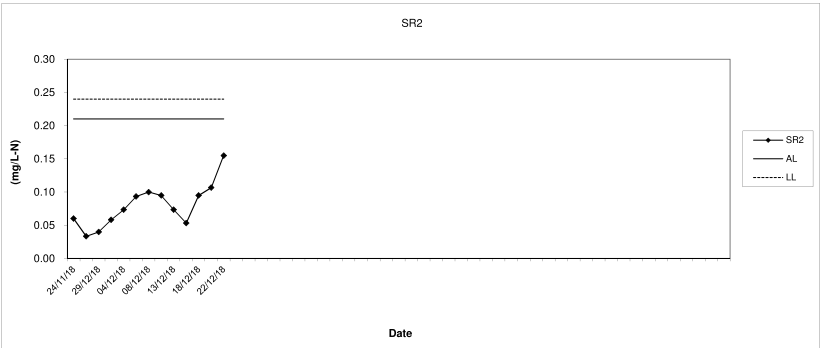




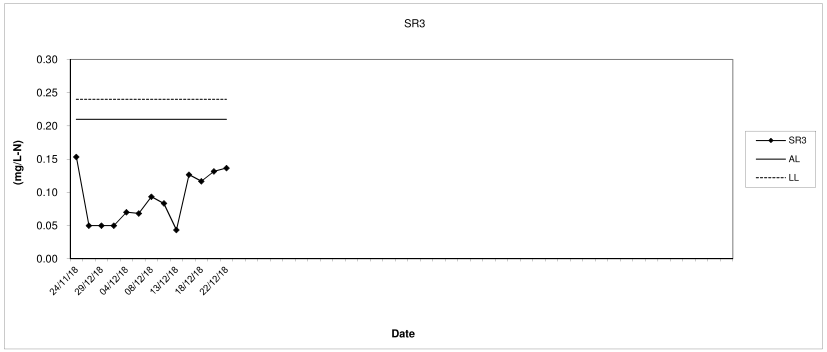


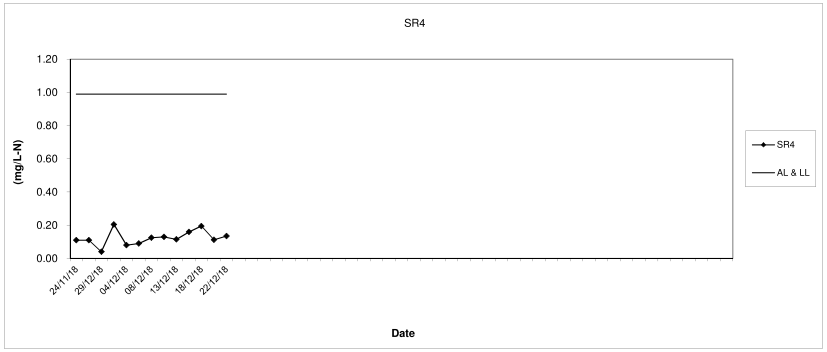
In-situ Ammonia (Depth average) at Mid-Flood Tide

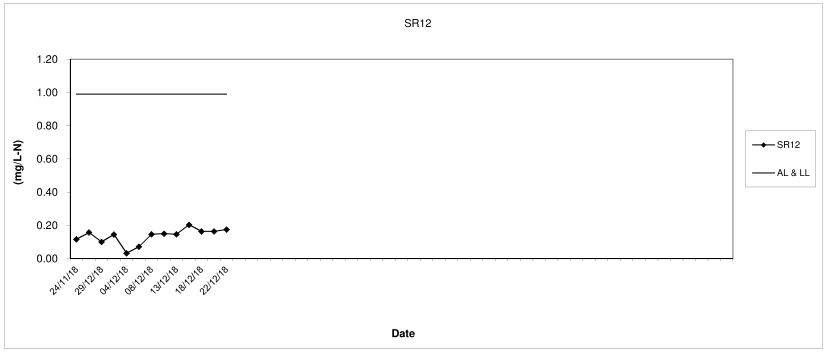




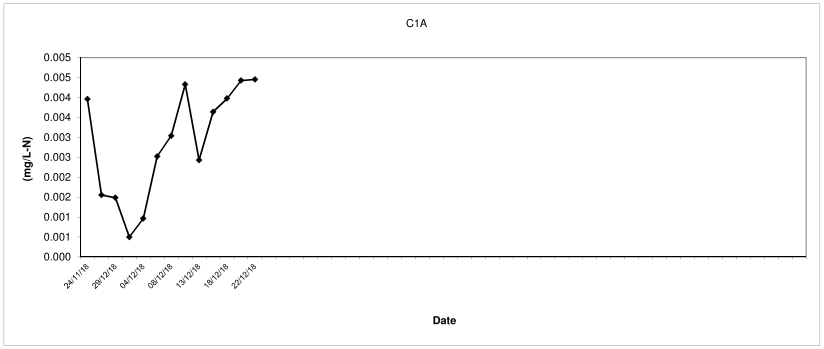
In-situ Ammonia (Depth average) at Mid-Flood Tide

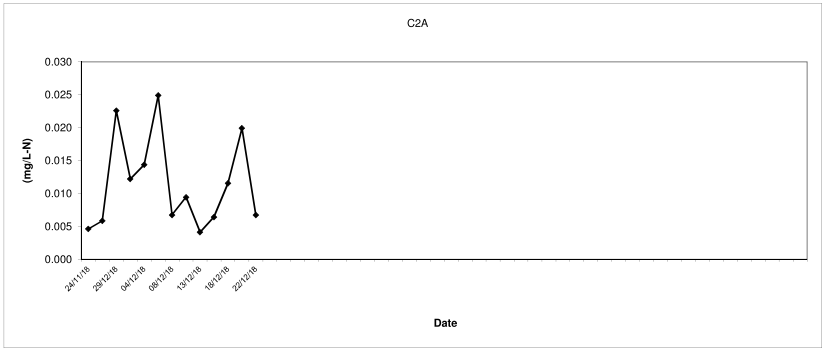


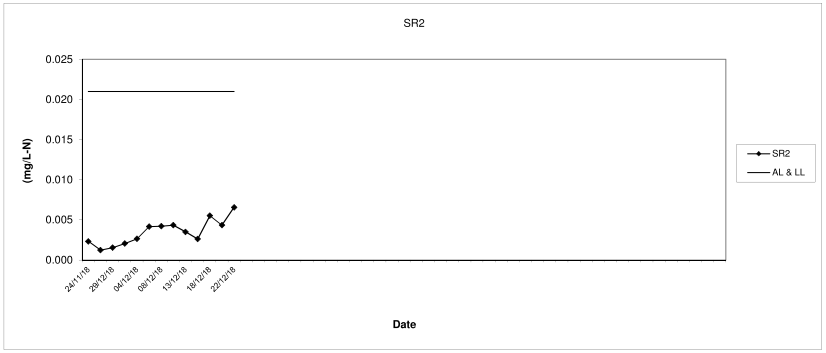




In-situ UIA (Depth average) at Mid-Flood Tide

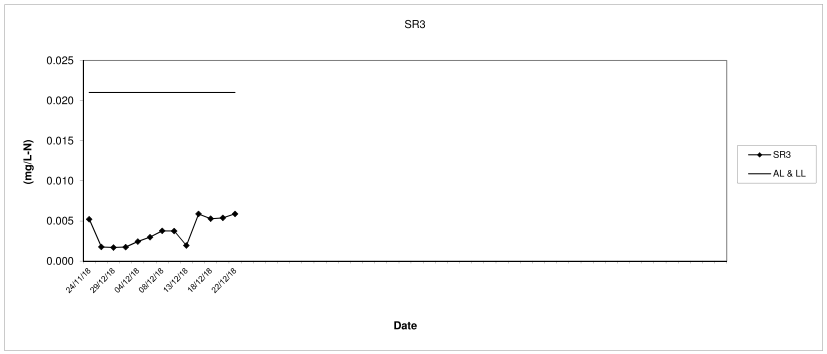


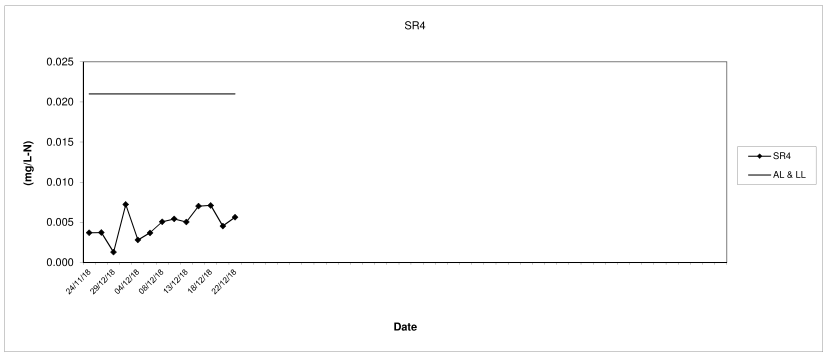


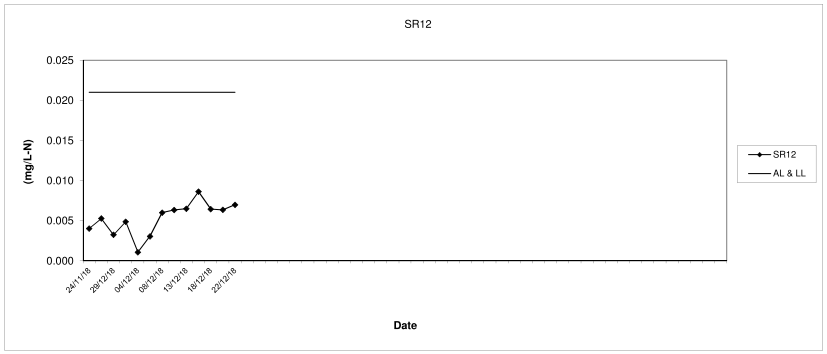


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

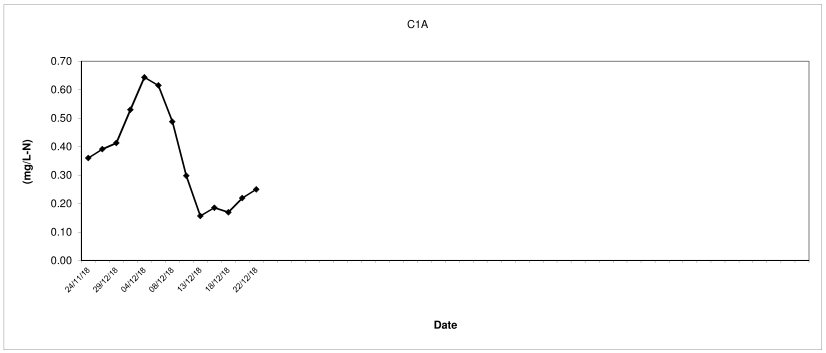
In-situ UIA (Depth average) at Mid-Flood Tide

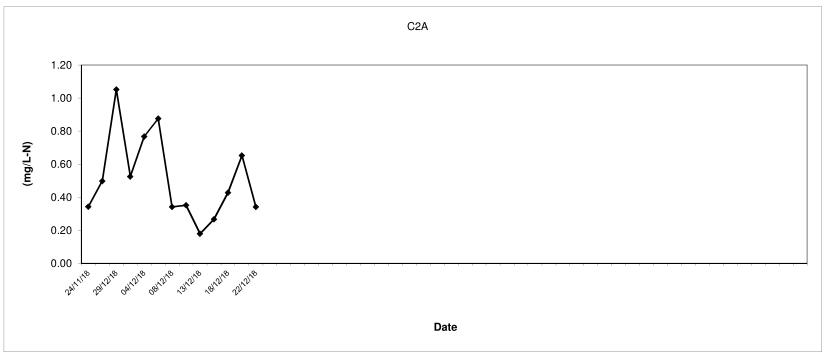


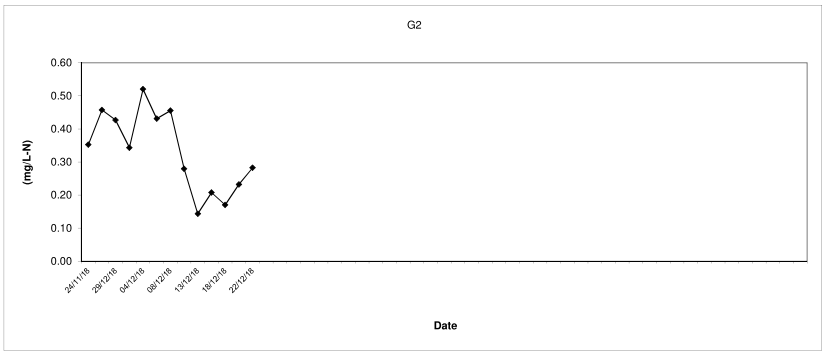




In-situ TIN (Depth average) at Mid-Flood Tide



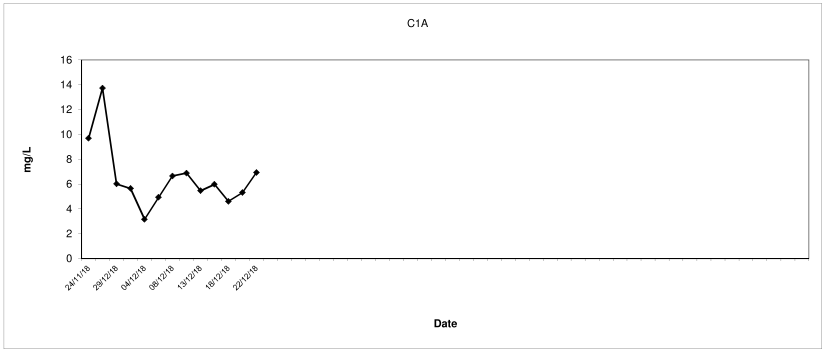


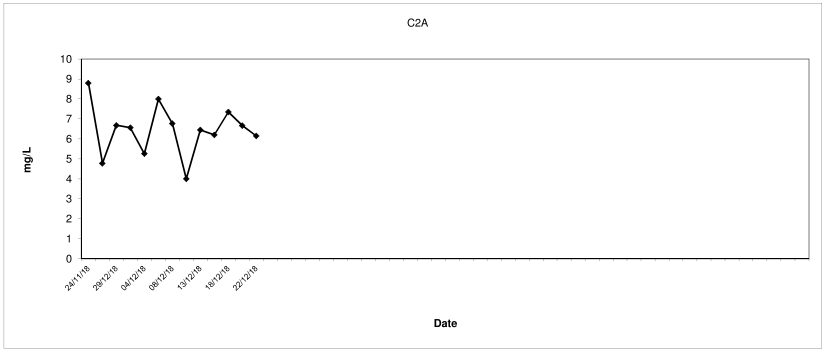


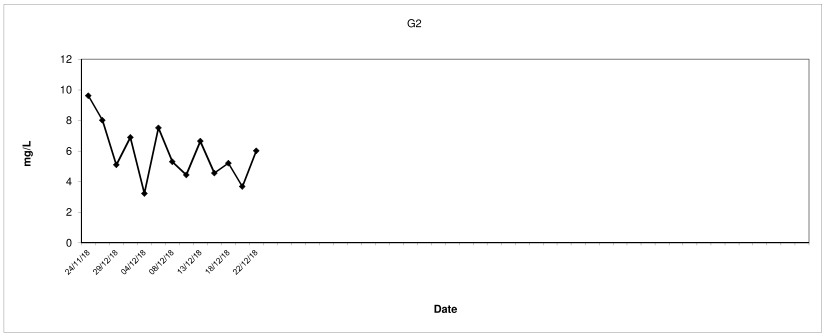
Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

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

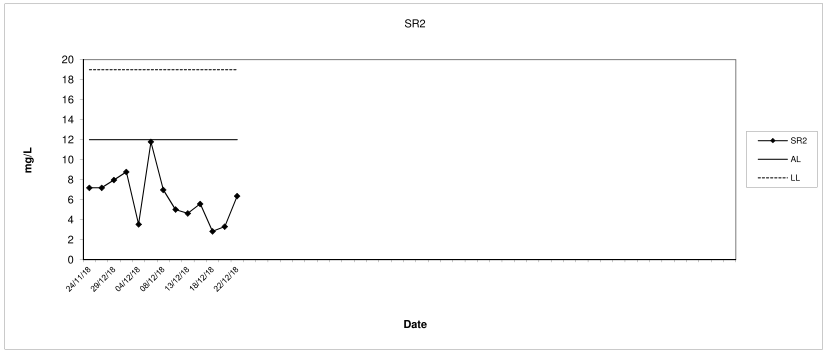
Total Suspended Solids (Depth average) at Mid-Flood Tide

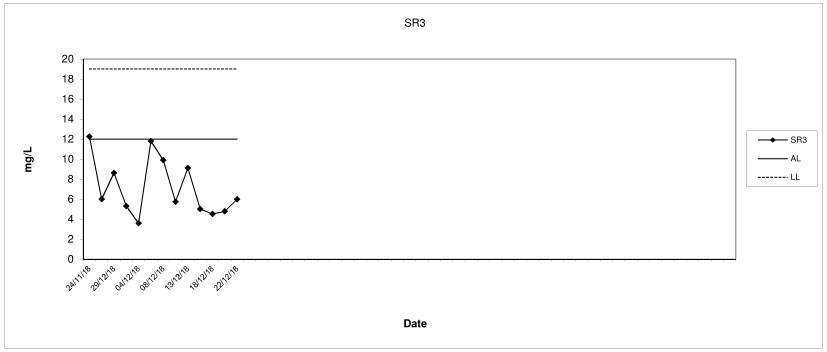


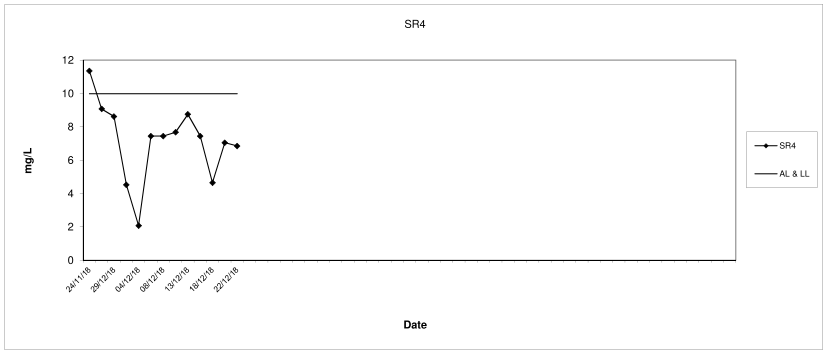




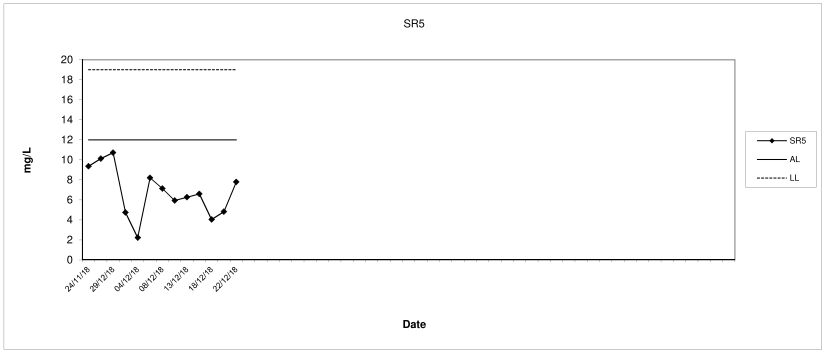
Total Suspended Solids (Depth average) at Mid-Flood Tide

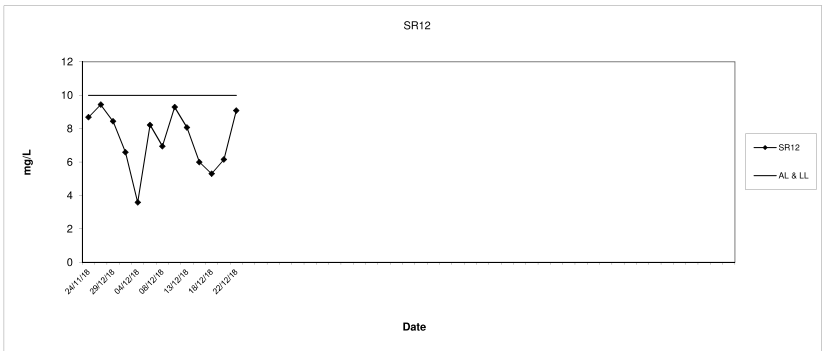


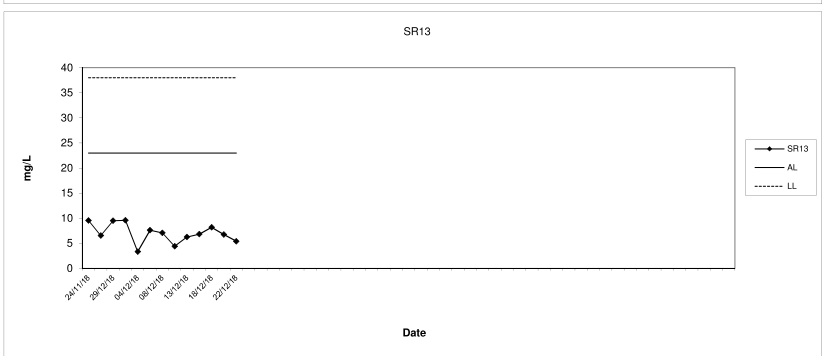




Total Suspended Solids (Depth average) at Mid-Flood Tide

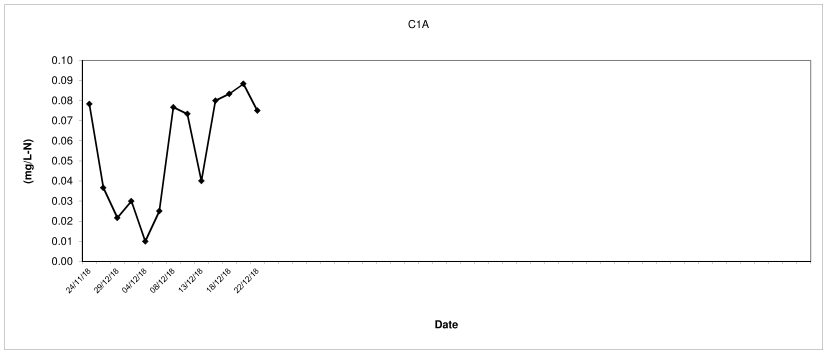


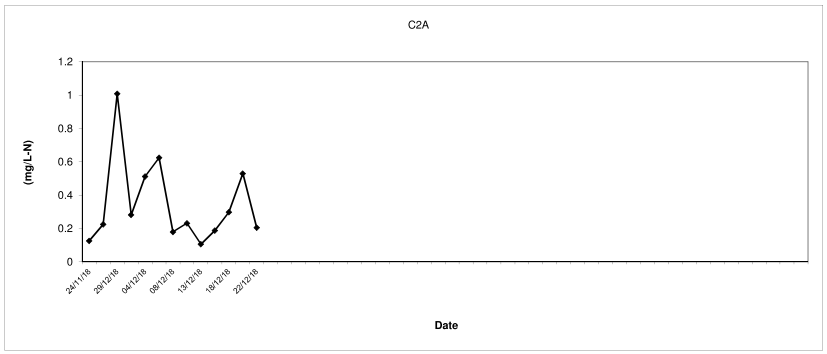


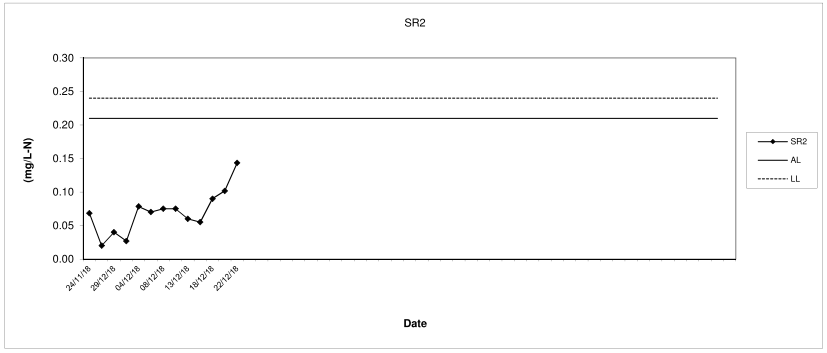


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

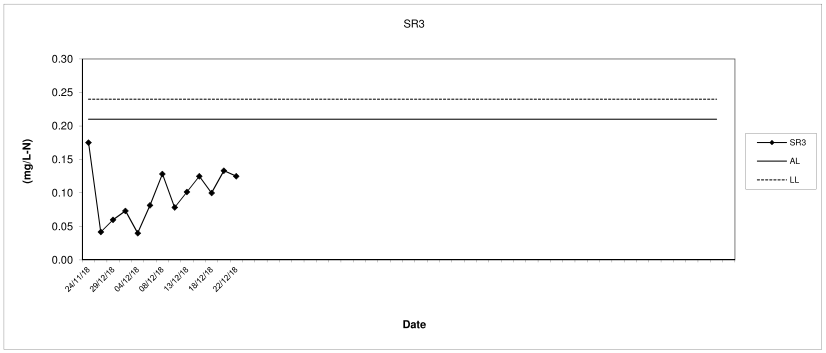
Ammonia Nitrogen (Depth average) at Mid-Flood Tide

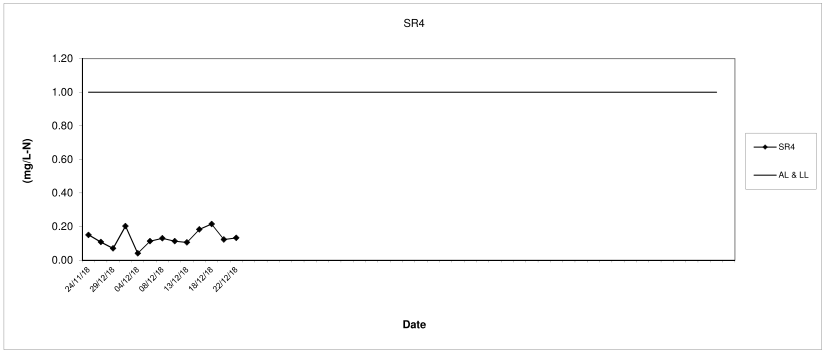


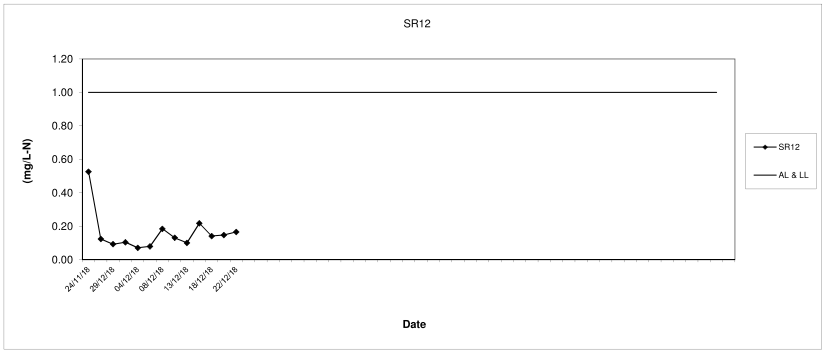




Ammonia Nitrogen (Depth average) at Mid-Flood Tide

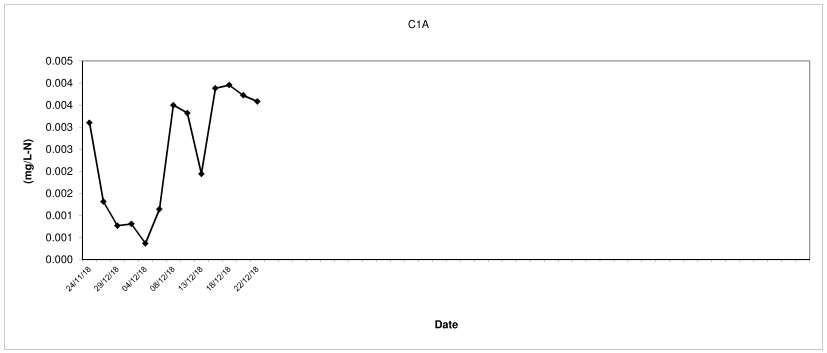


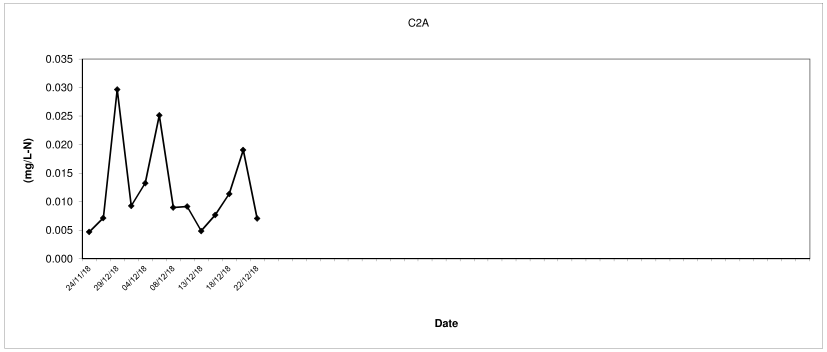


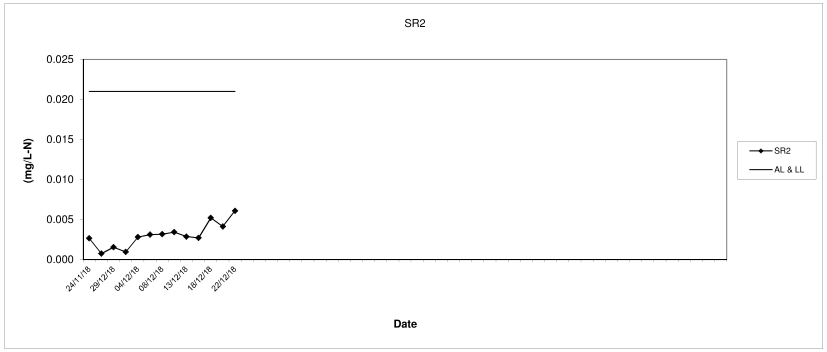


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

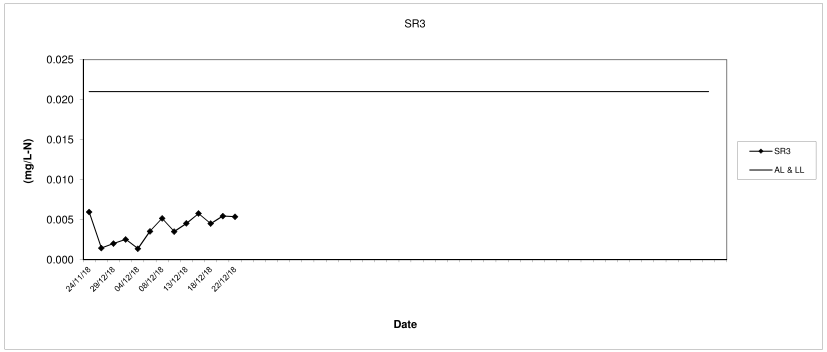
Laboratory Analysis UIA (Depth average) at Mid-Flood Tide

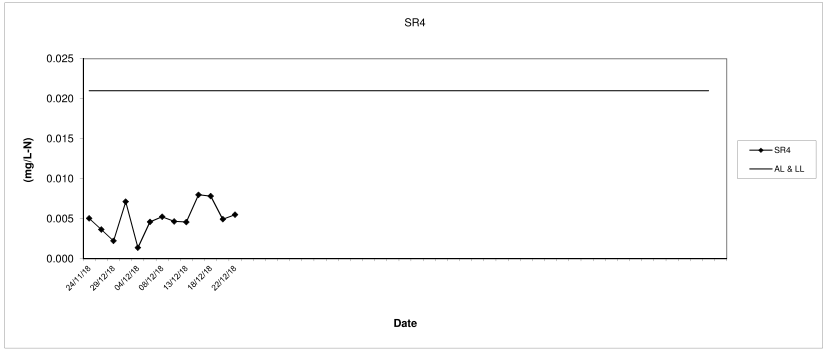


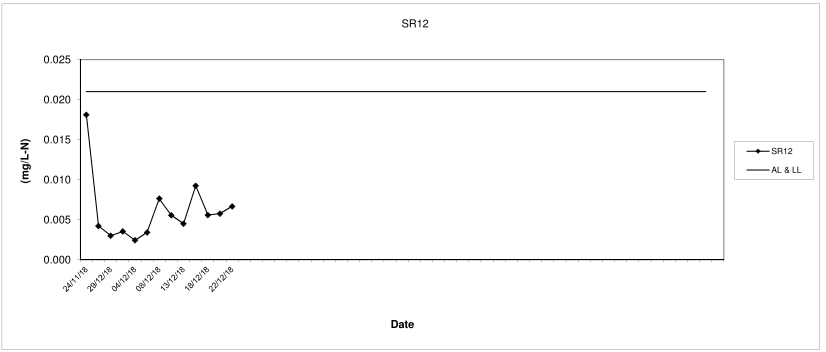




Laboratory Analysis UIA (Depth average) at Mid-Flood Tide

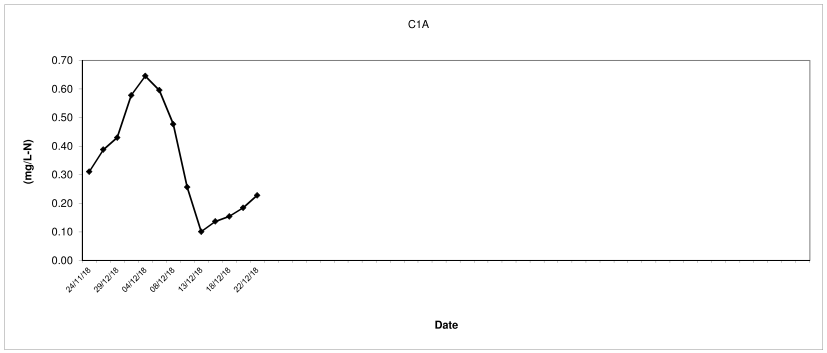


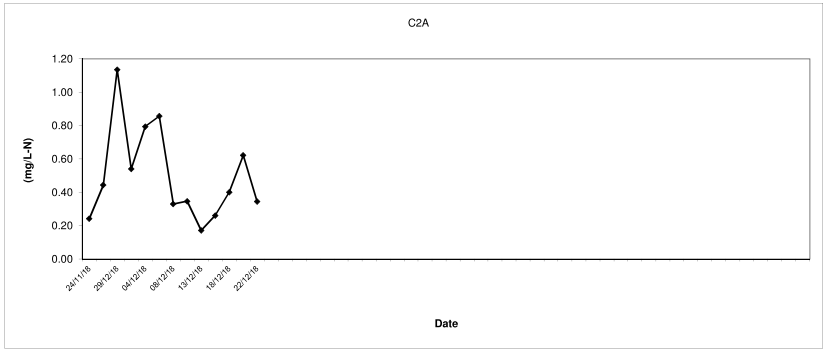


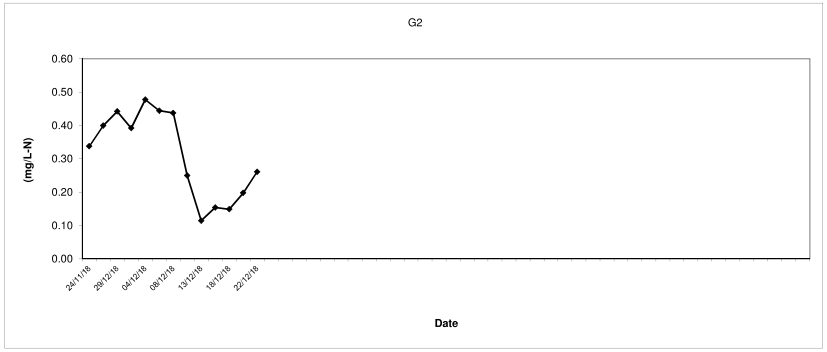


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

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



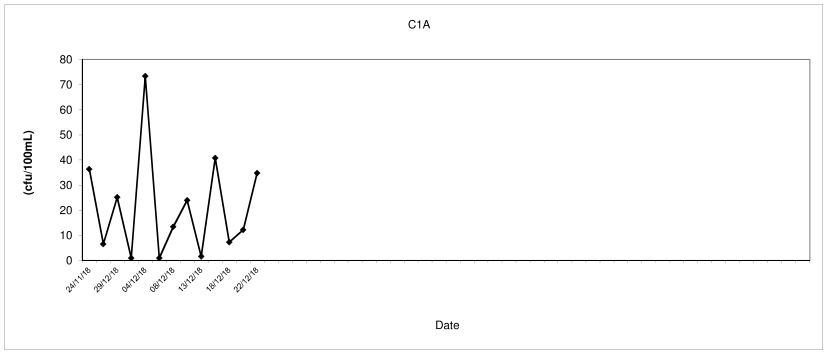


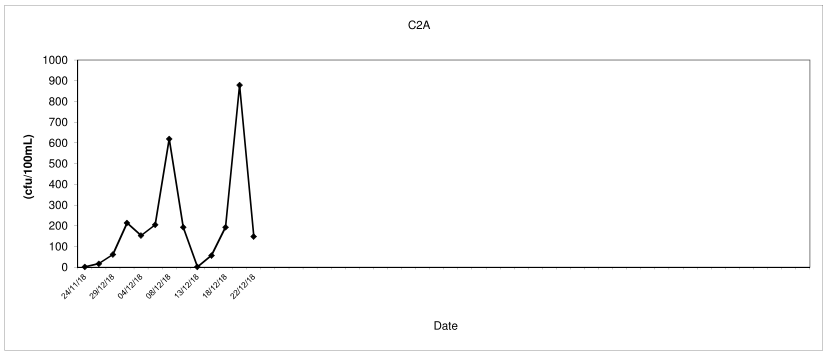


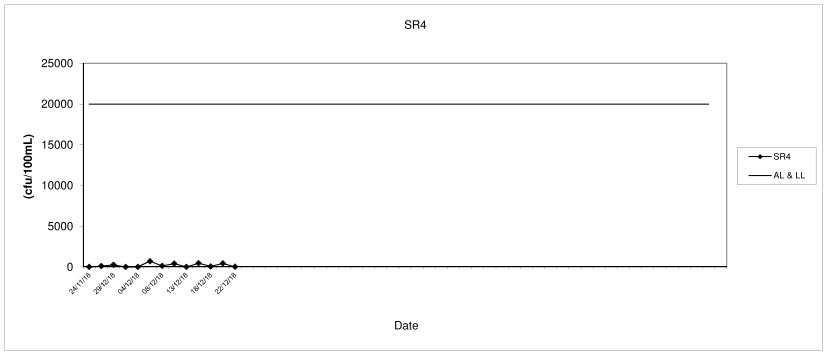
Laboratory Analysis TIN (Depth average) at Mid-Flood Tide

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

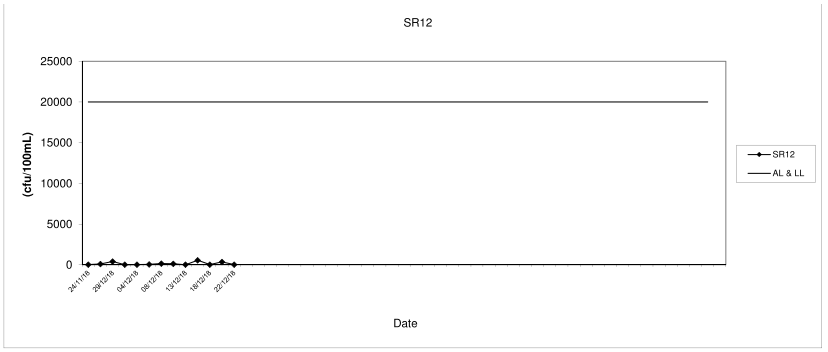
***E.coli* (Depth average) at Mid-Flood Tide**





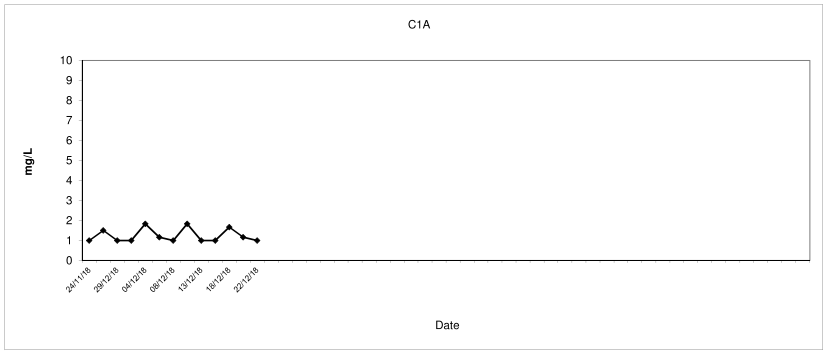


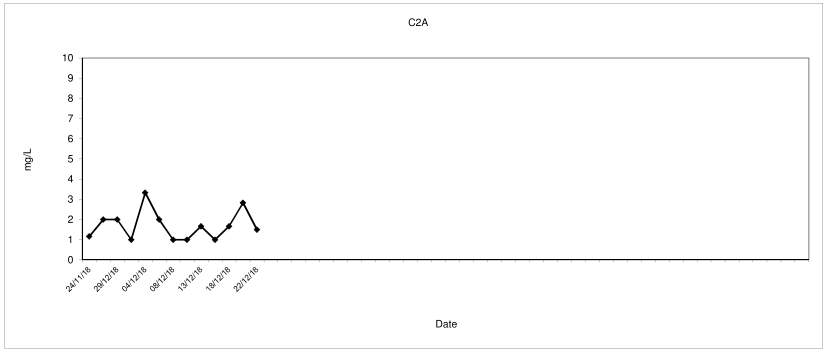
***E.coli* (Depth average) at Mid-Flood Tide**

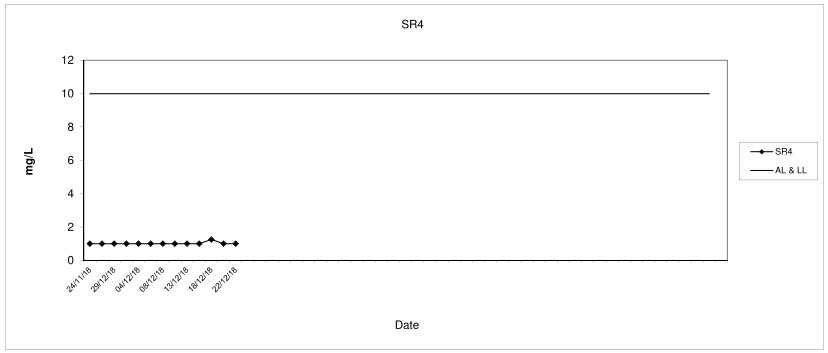


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

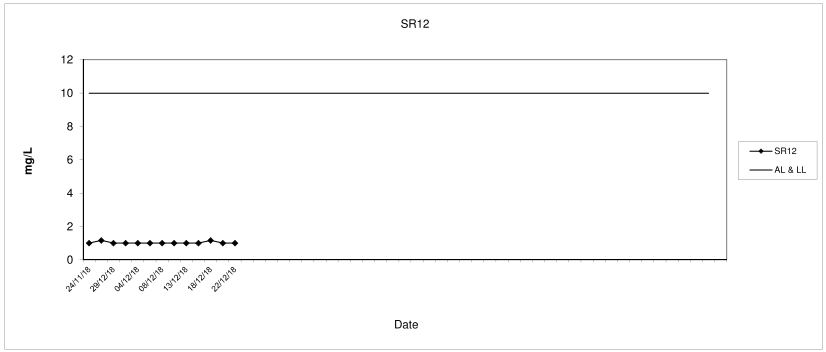
BOD_5 (Depth average) at Mid-Flood Tide





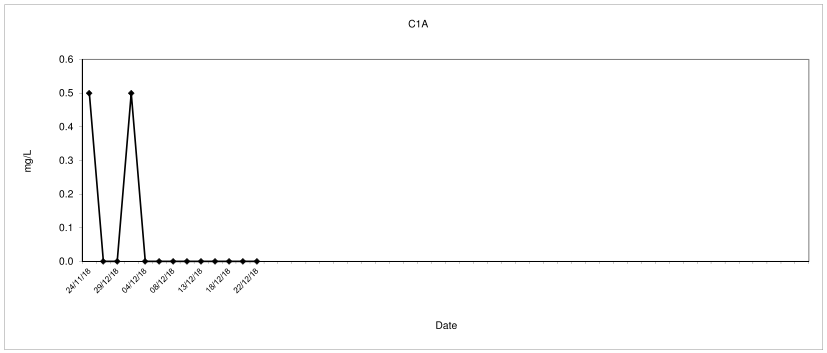


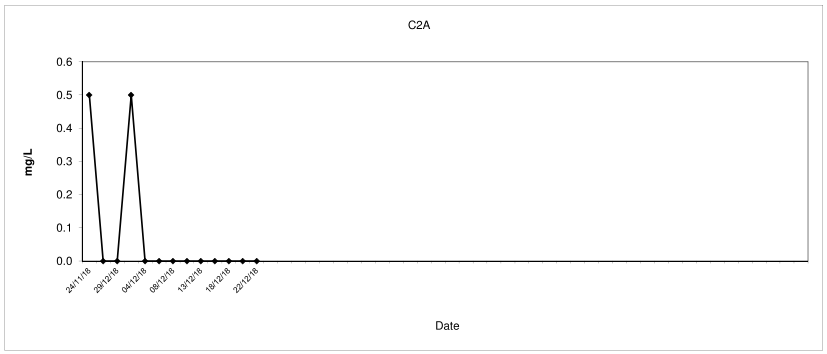
BOD_5 (Depth average) at Mid-Flood Tide

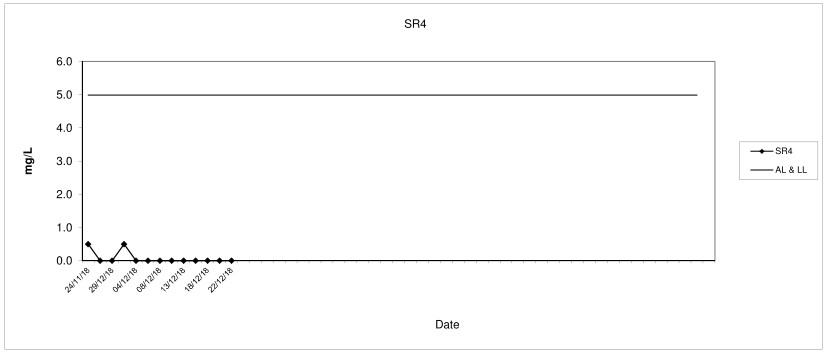


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

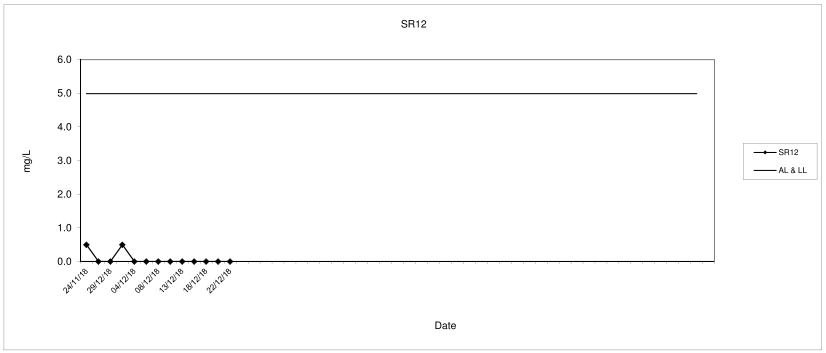
Synthetic Detergent (Depth average) at Mid-Flood Tide





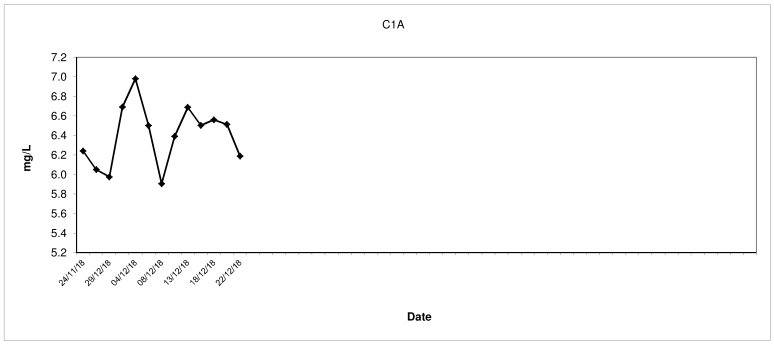


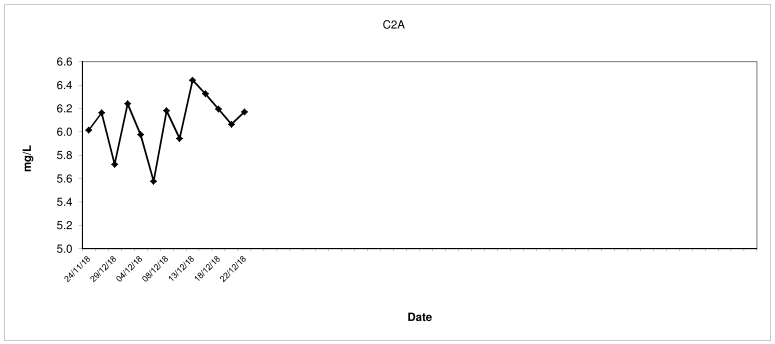
Synthetic Detergent (Depth average) at Mid-Flood Tide

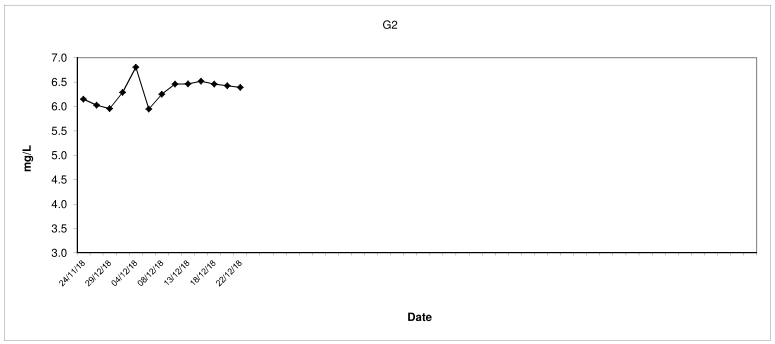


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

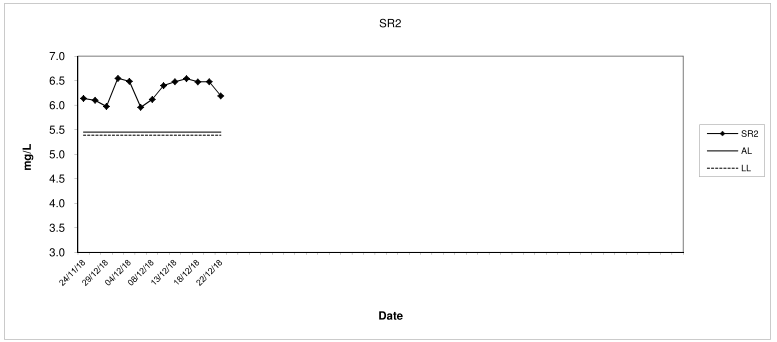
Dissolved Oxygen (Surface and Middle) at Mid-Ebb Tide

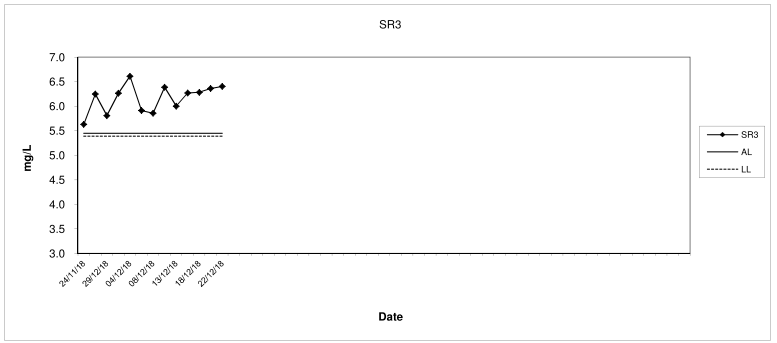


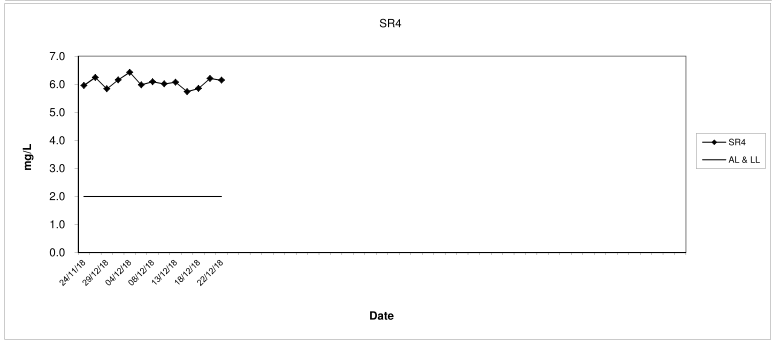




Dissolved Oxygen (Surface and Middle) at Mid-Ebb Tide

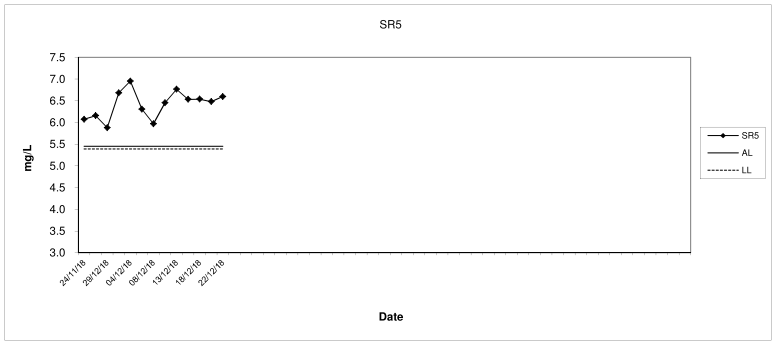


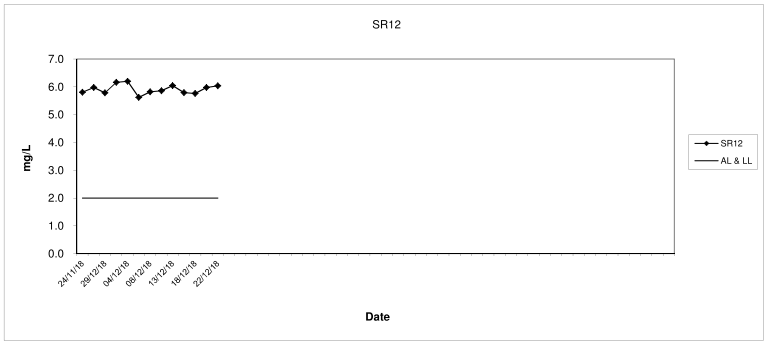


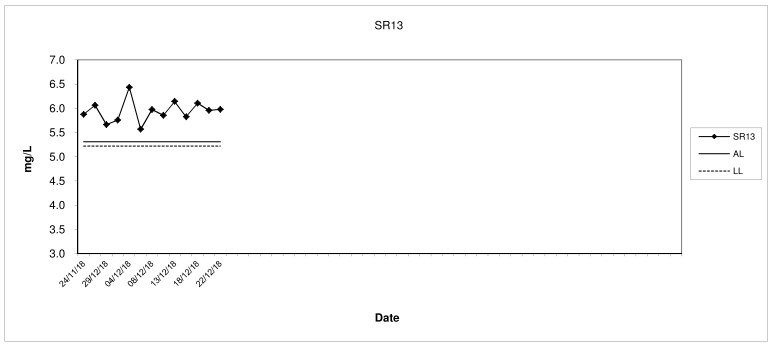


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

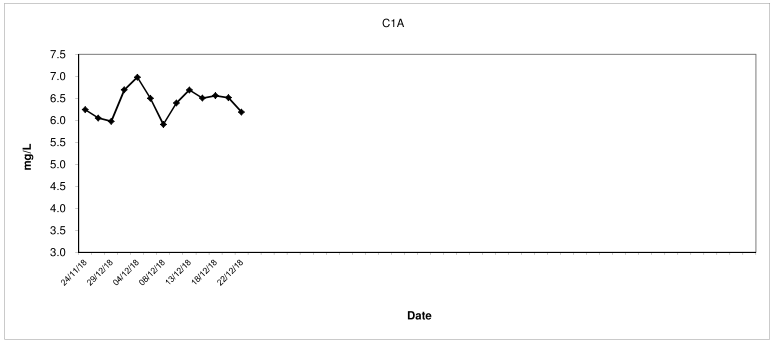
Dissolved Oxygen (Surface and Middle) at Mid-Ebb Tide

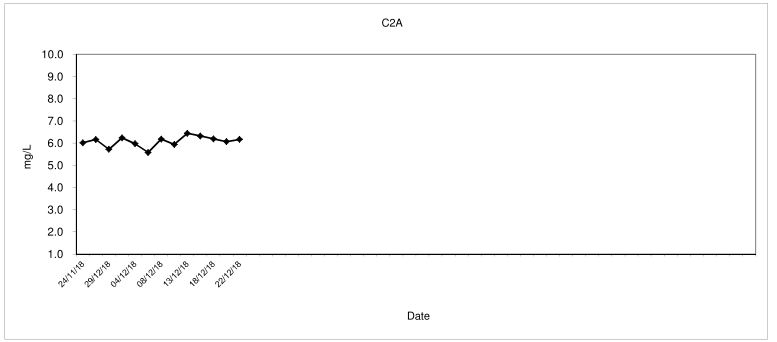


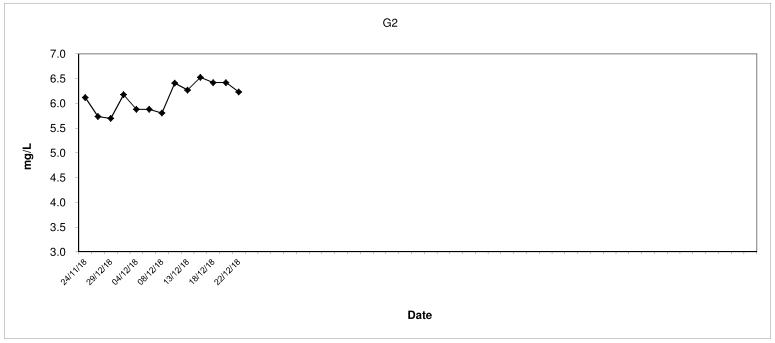




Dissolved Oxygen (Bottom) at Mid-Ebb Tide

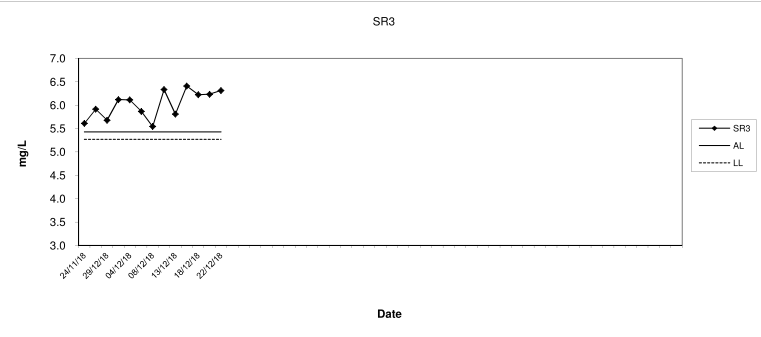




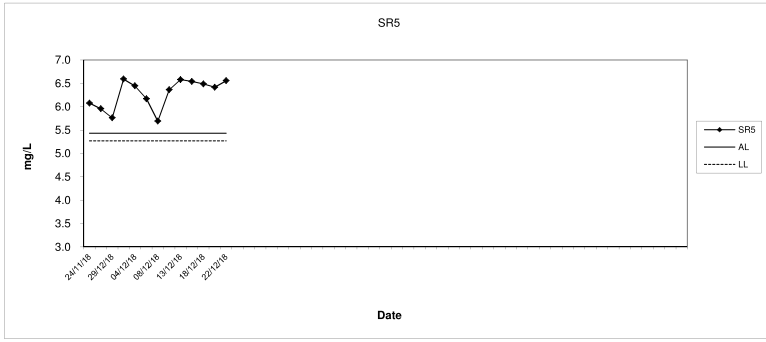


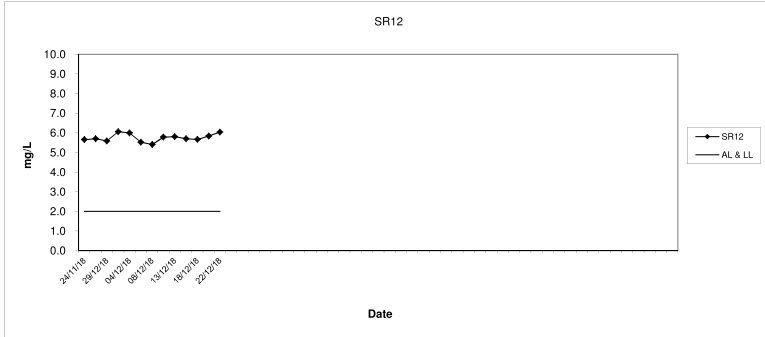
Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

Dissolved Oxygen (Bottom) at Mid-Ebb Tide



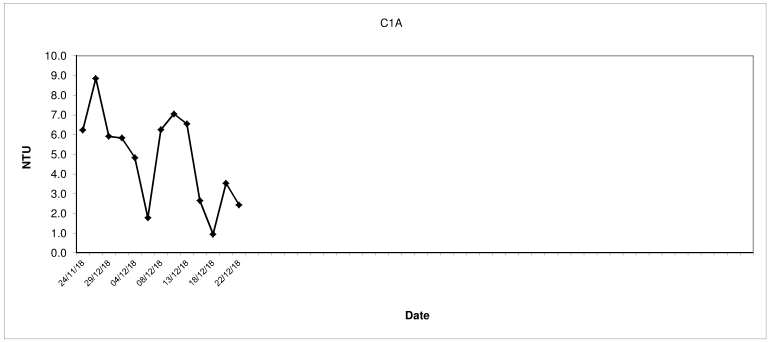
Dissolved Oxygen (Bottom) at Mid-Ebb Tide

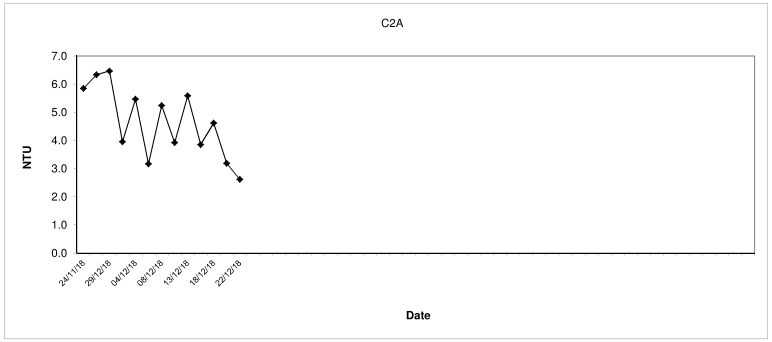


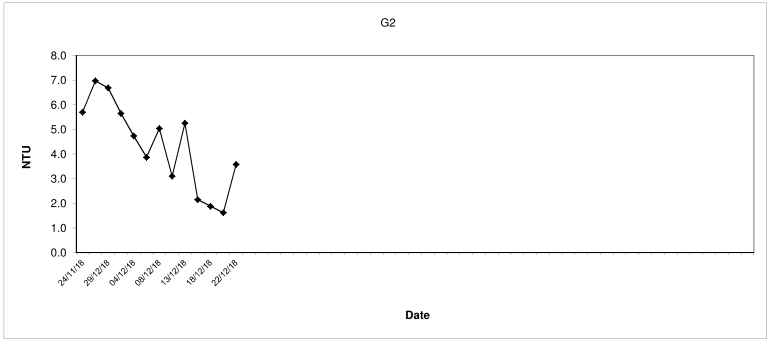


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

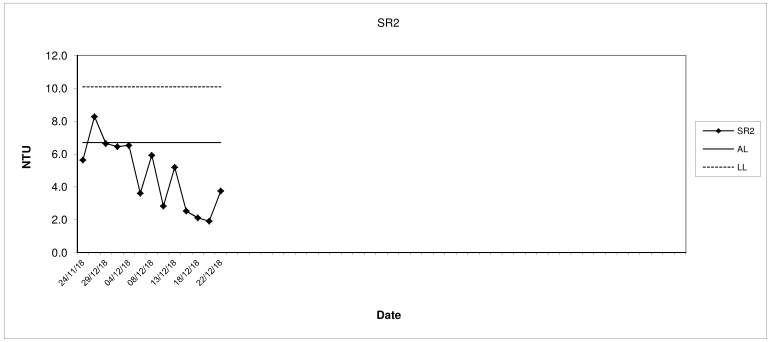
Turbidity (Depth average) at Mid-Ebb Tide

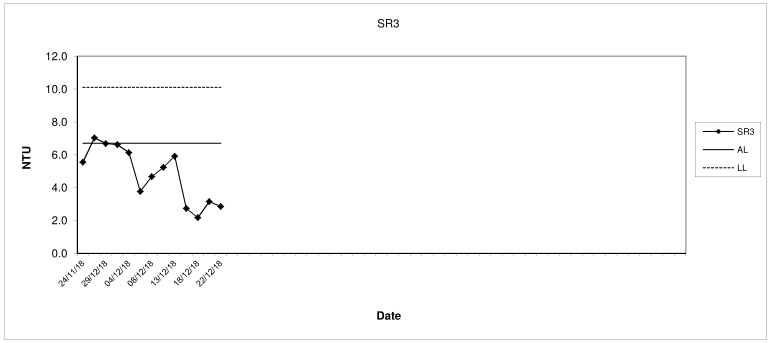






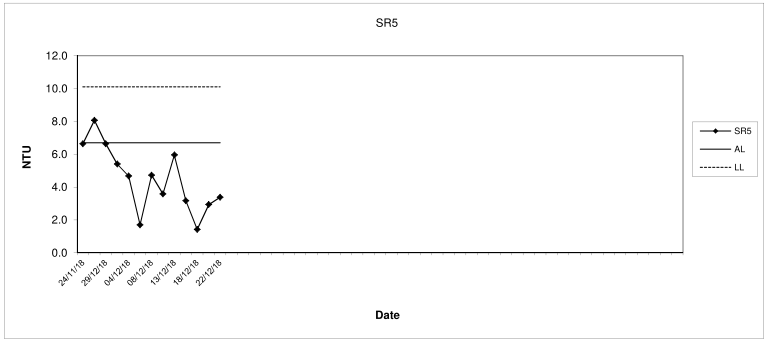
Turbidity (Depth average) at Mid-Ebb Tide

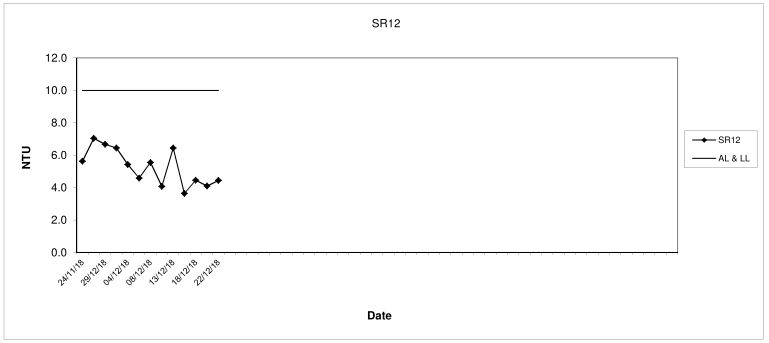


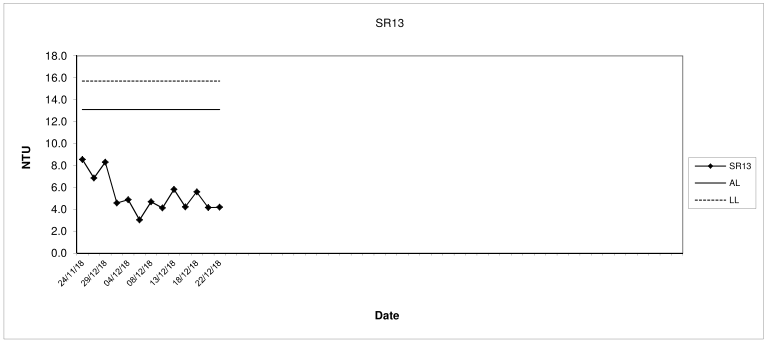


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

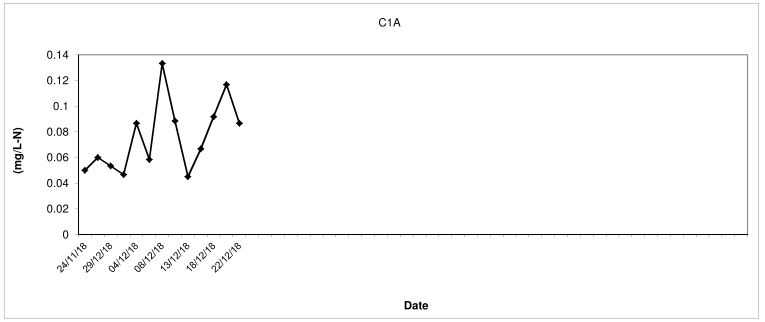
Turbidity (Depth average) at Mid-Ebb Tide

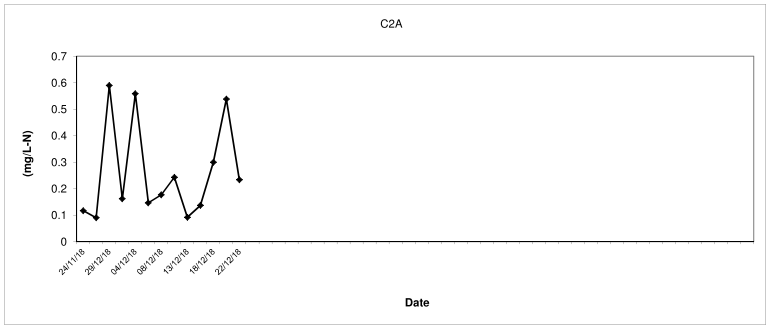


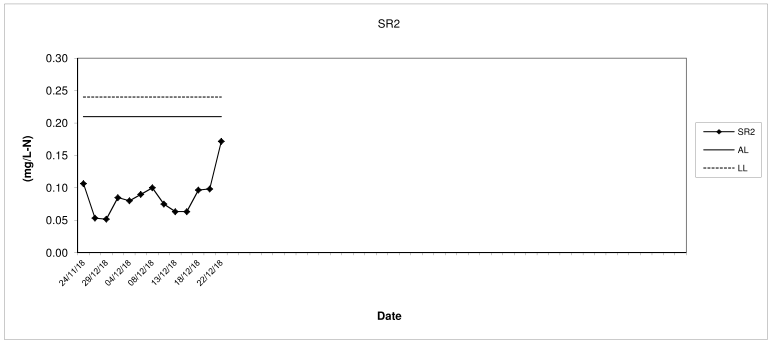




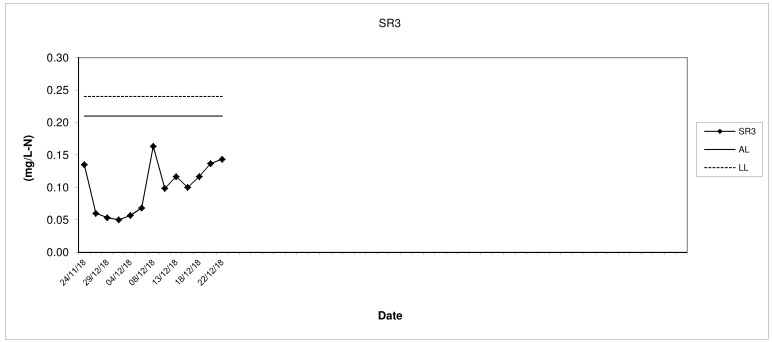
In-situ Ammonia (Depth average) at Mid-Ebb Tide

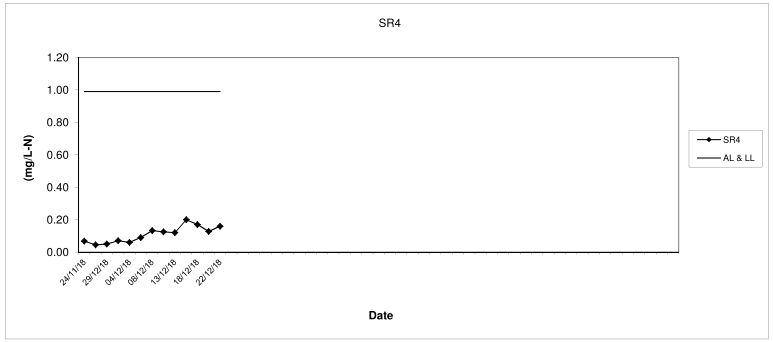


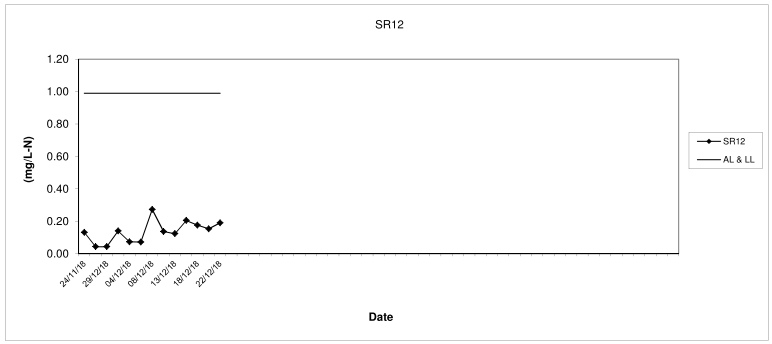




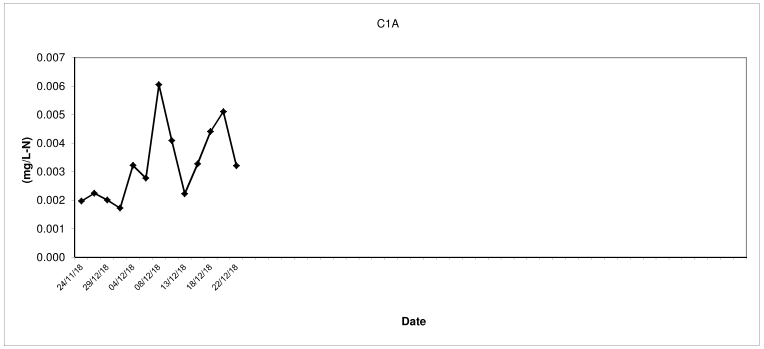
In-situ Ammonia (Depth average) at Mid-Ebb Tide

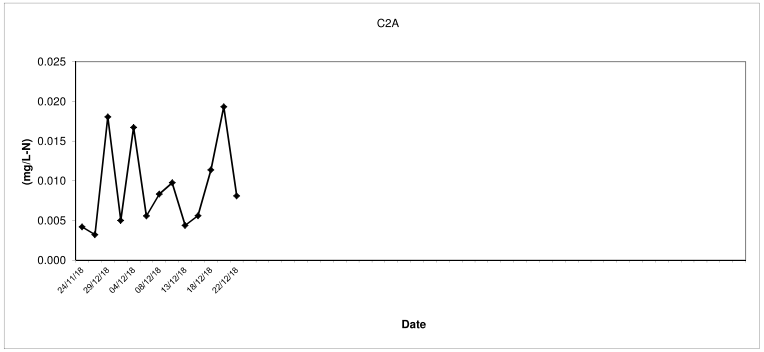


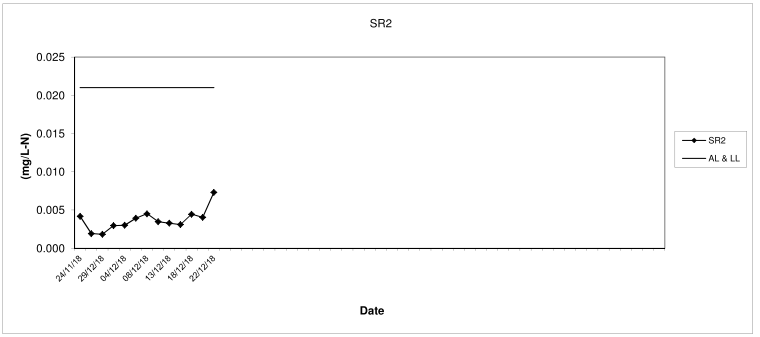




In-situ UIA (Depth average) at Mid-Ebb Tide

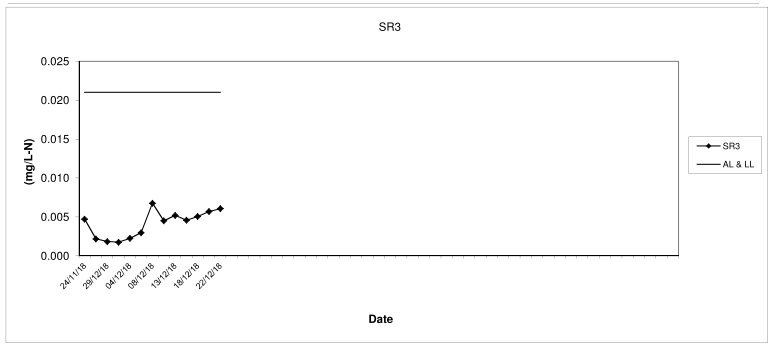


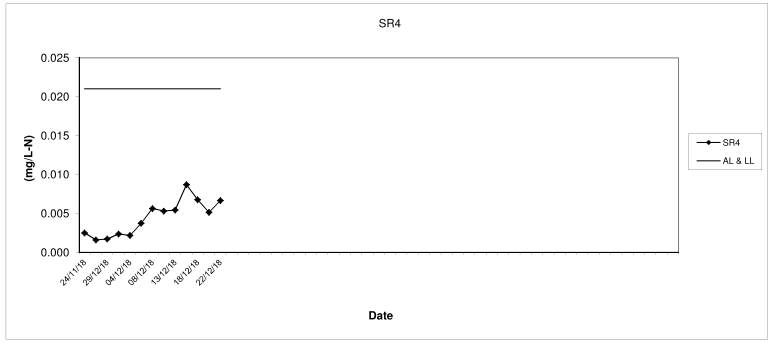


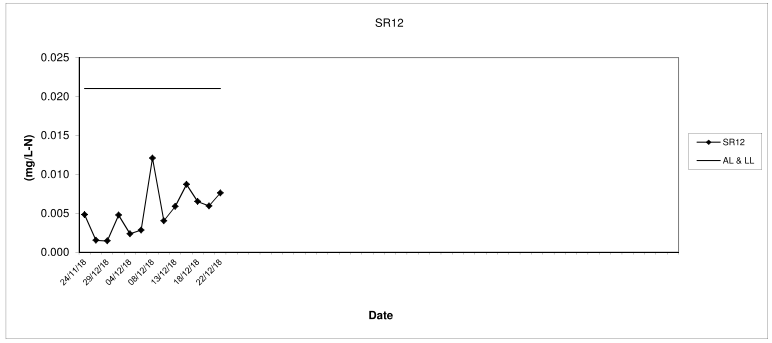


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

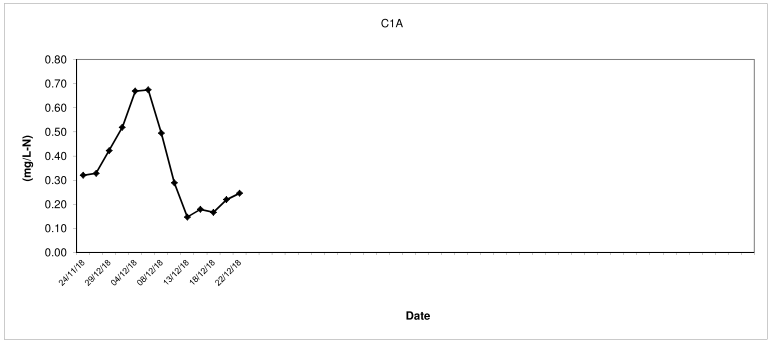
In-situ UIA (Depth average) at Mid-Ebb Tide

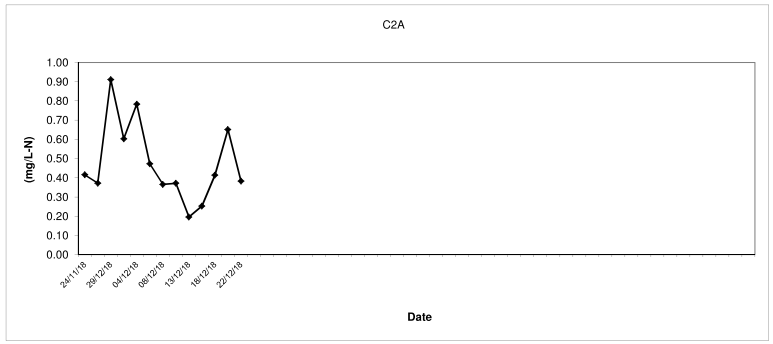


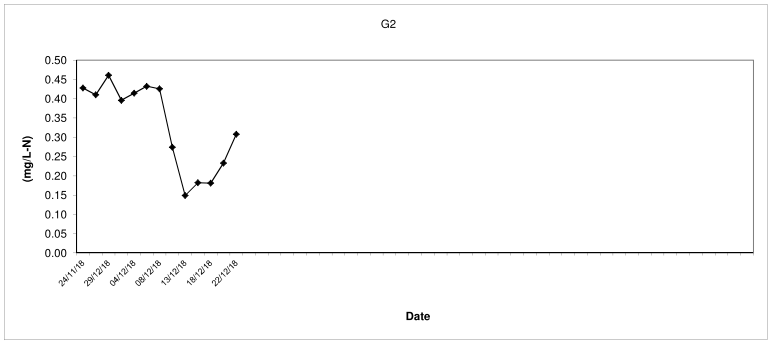




In-situ TIN (Depth average) at Mid-Ebb Tide

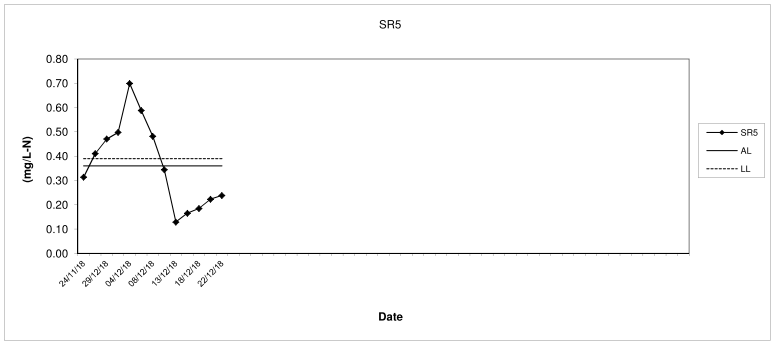




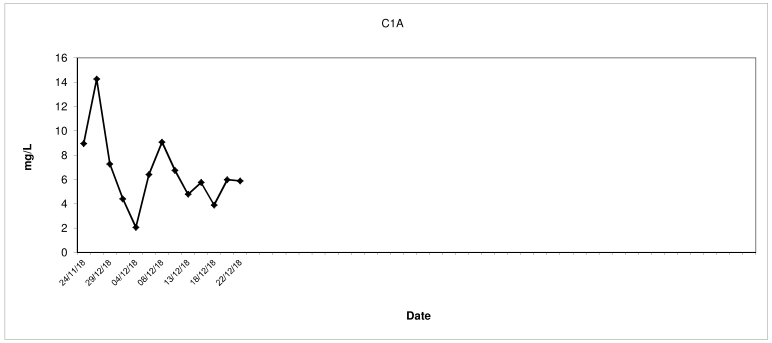


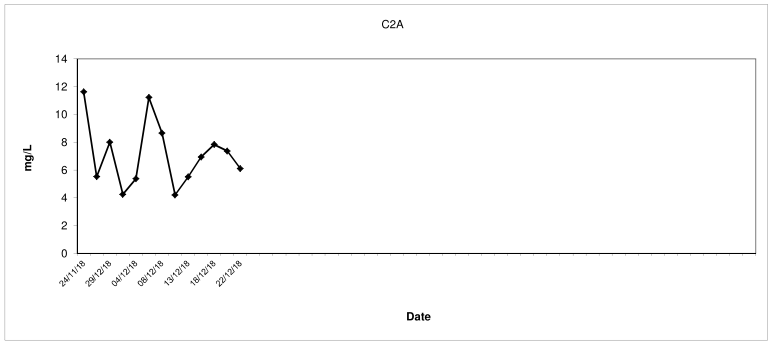
Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

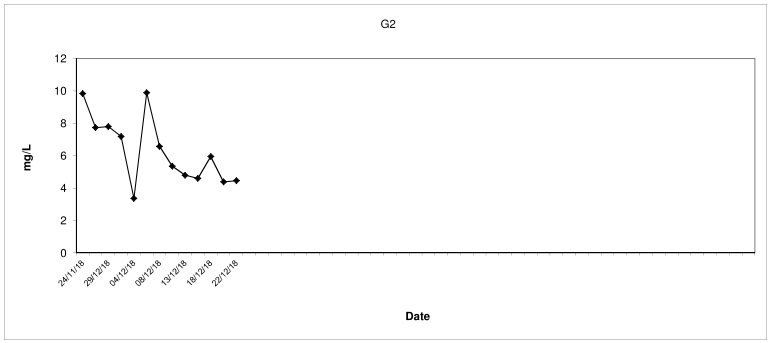
In-situ TIN (Depth average) at Mid-Ebb Tide



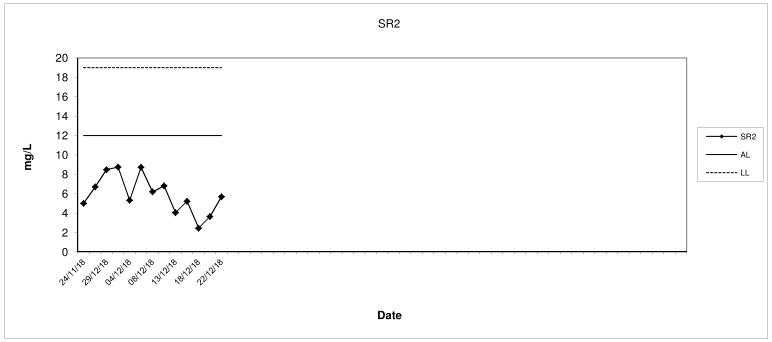
Total Suspended Solids (Depth average) at Mid-Ebb Tide

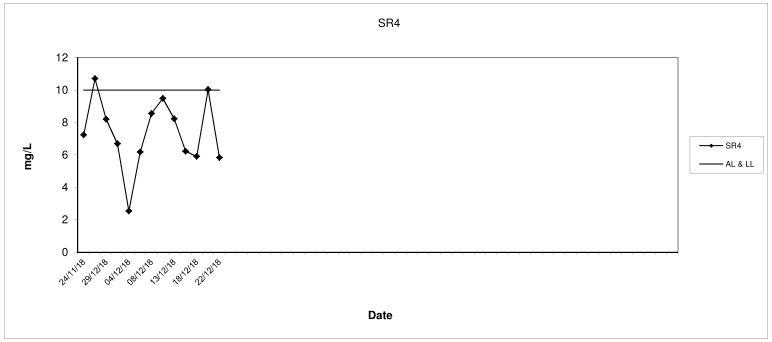




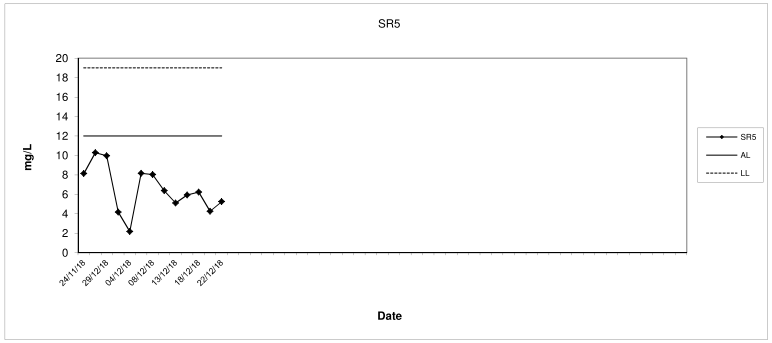


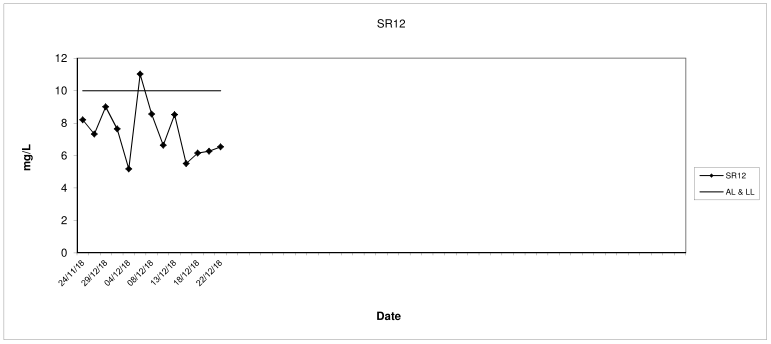
Total Suspended Solids (Depth average) at Mid-Ebb Tide

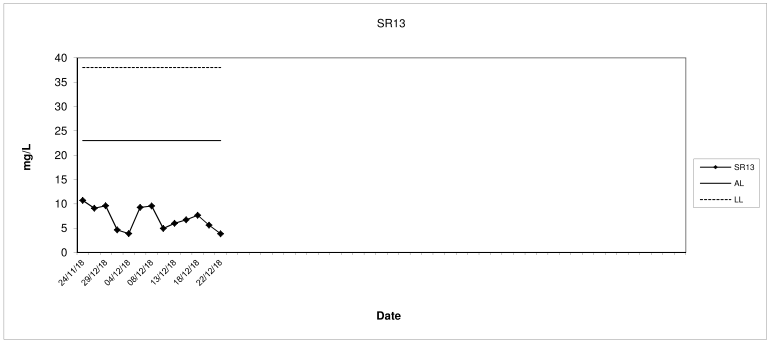




Total Suspended Solids (Depth average) at Mid-Ebb Tide

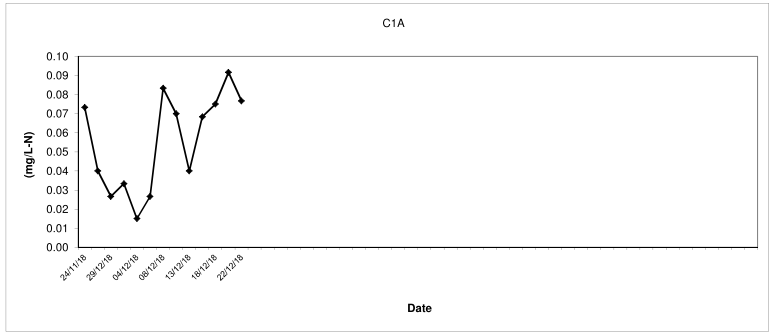


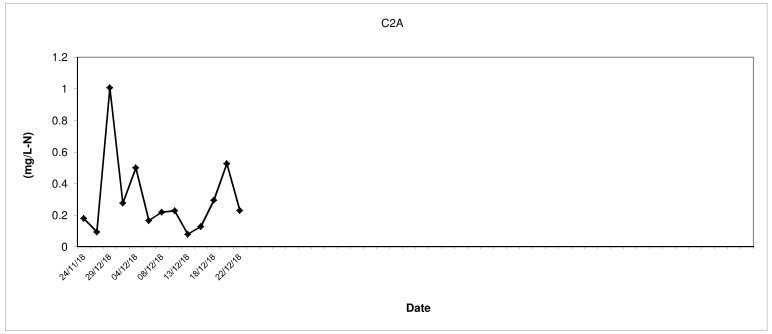


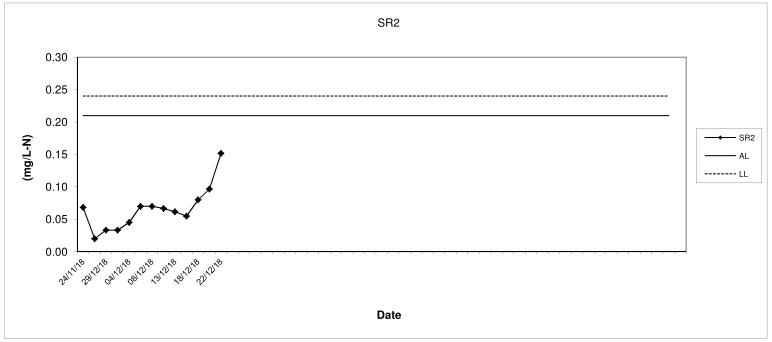


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

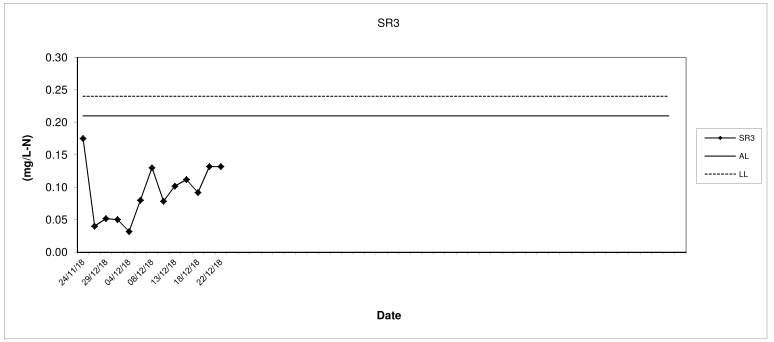
Ammonia Nitrogen (Depth average) at Mid-Ebb Tide

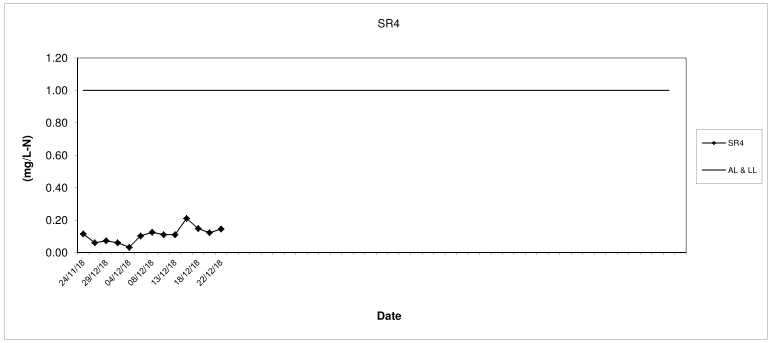


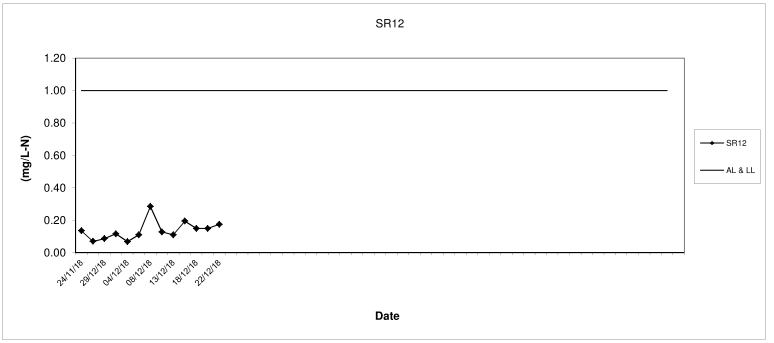




Ammonia Nitrogen (Depth average) at Mid-Ebb Tide

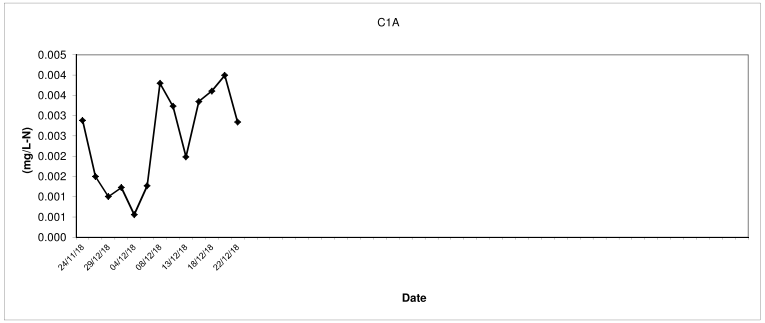


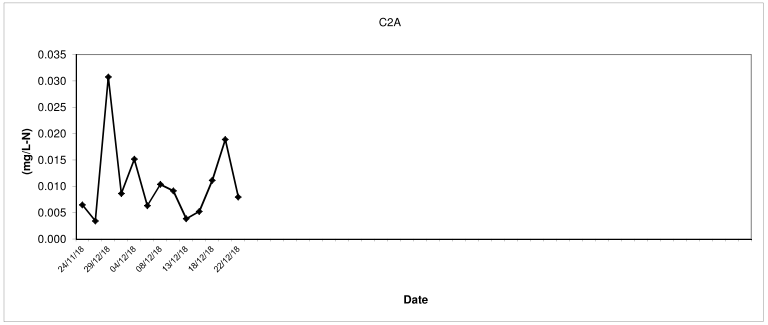


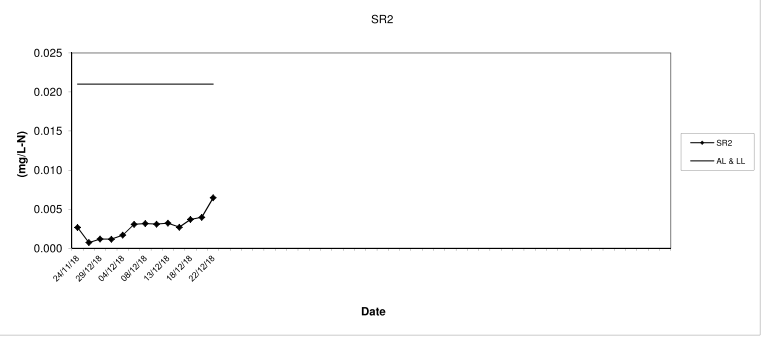


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

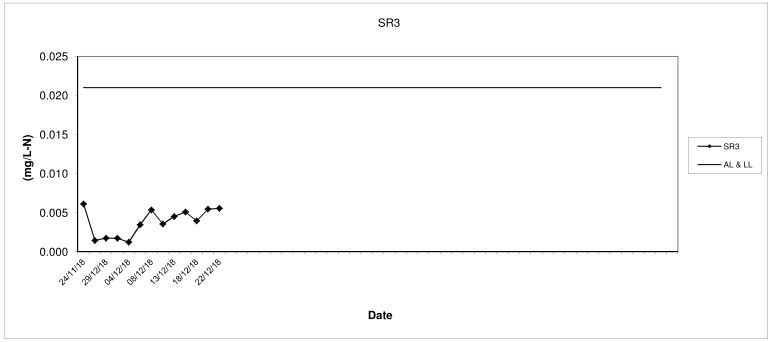
Laboratory Analysis UIA (Depth average) at Mid-Ebb Tide

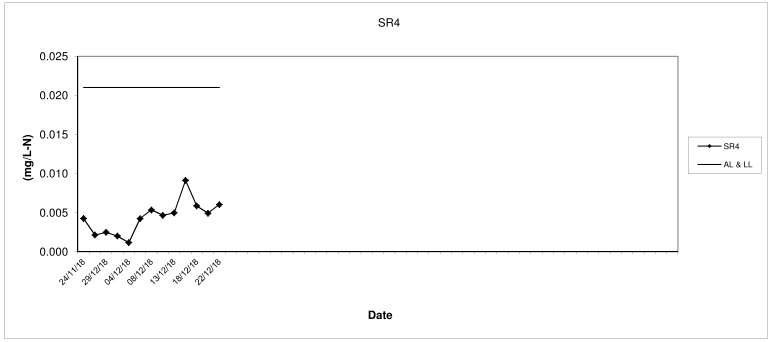


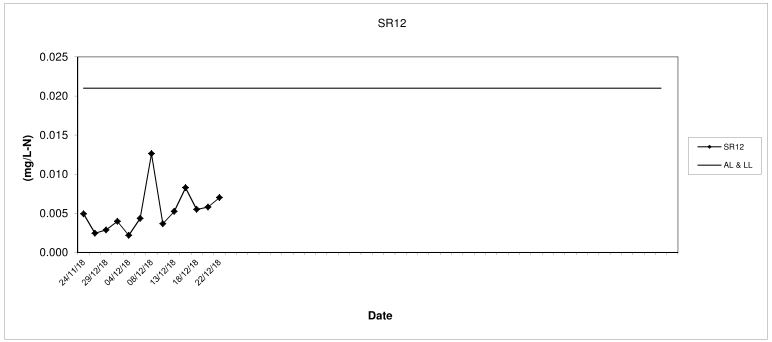




Laboratory Analysis UIA (Depth average) at Mid-Ebb Tide

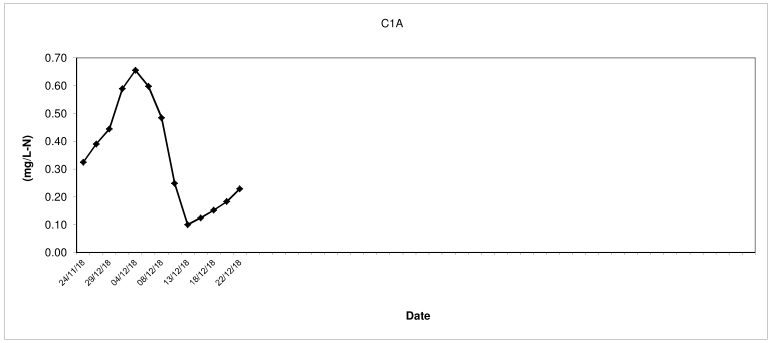


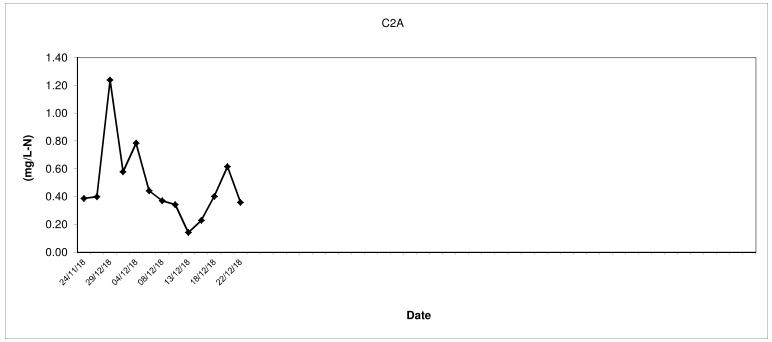


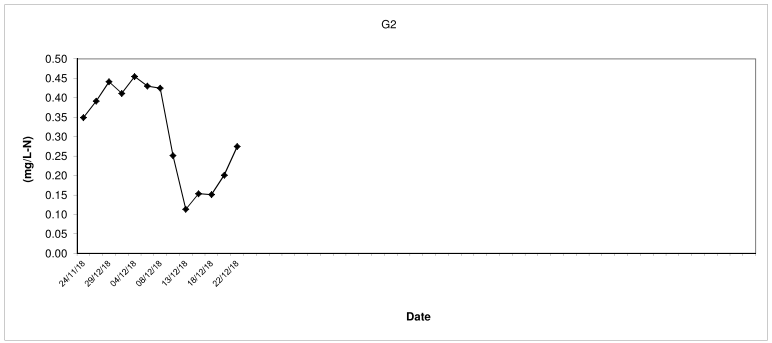


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

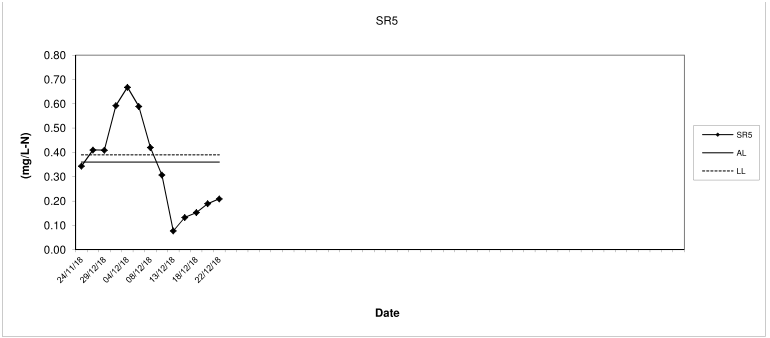
Laboratory Analysis TIN (Depth average) at Mid-Ebb Tide





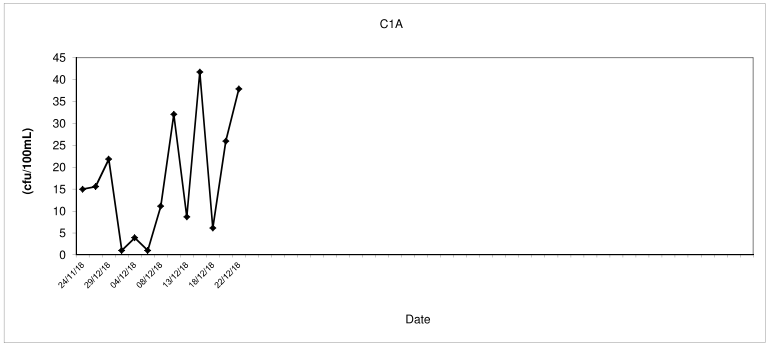


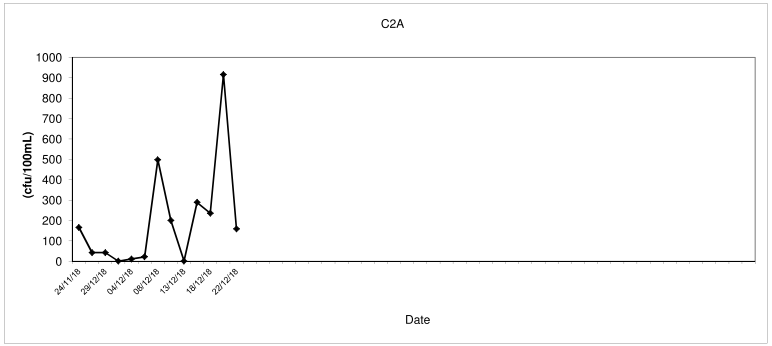
Laboratory Analysis TIN (Depth average) at Mid-Ebb Tide

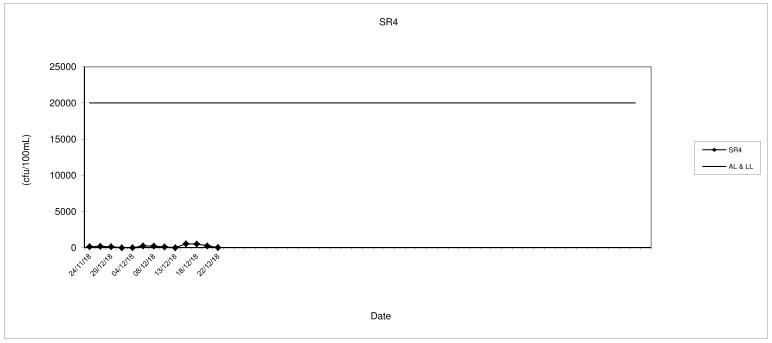


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

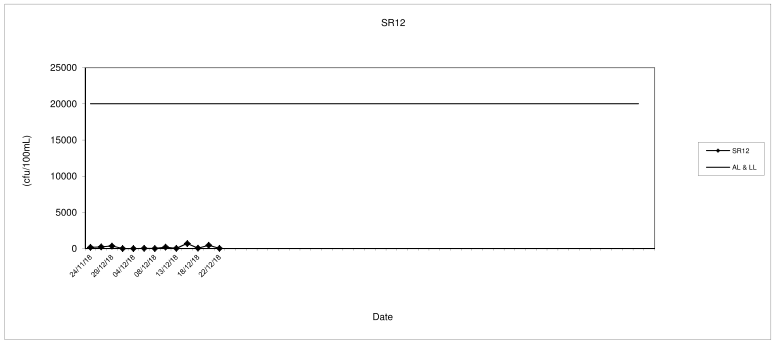
E.coli (Depth average) at Mid-Ebb Tide







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



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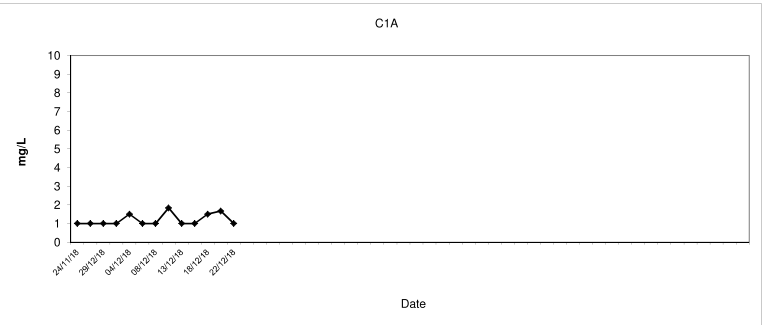
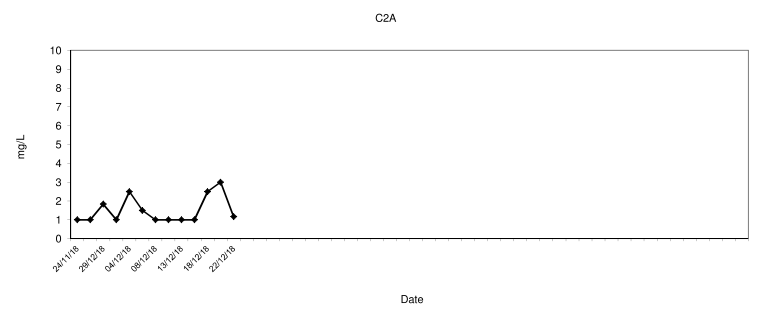
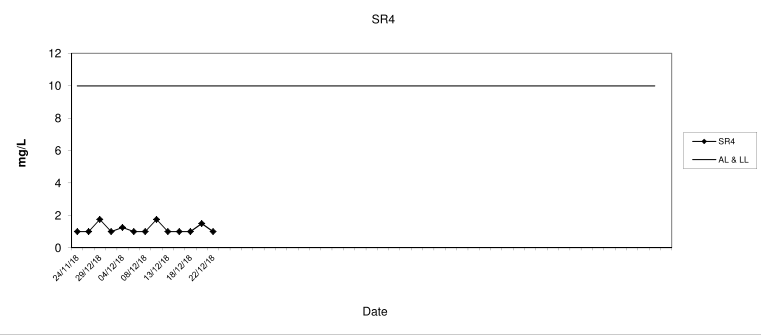
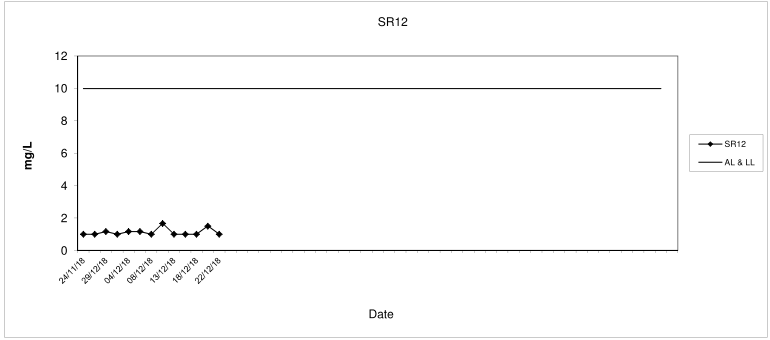
BOD_5 (Depth average) at Mid-Ebb Tide





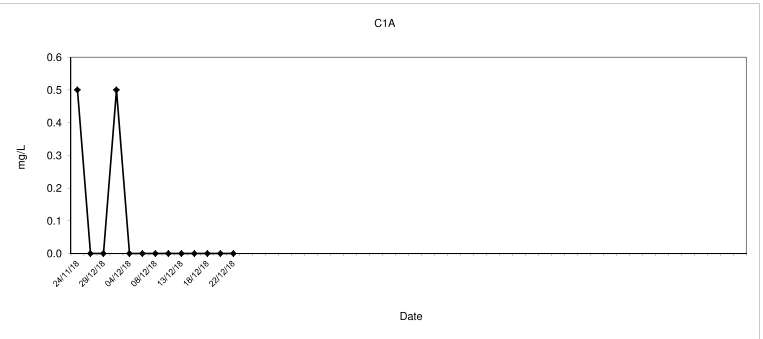


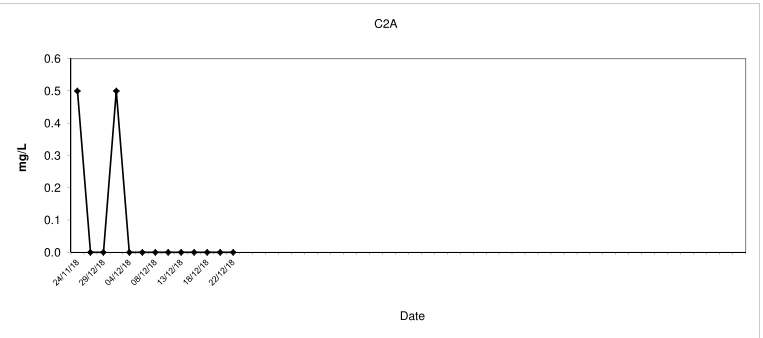
BOD_5 (Depth average) at Mid-Ebb Tide

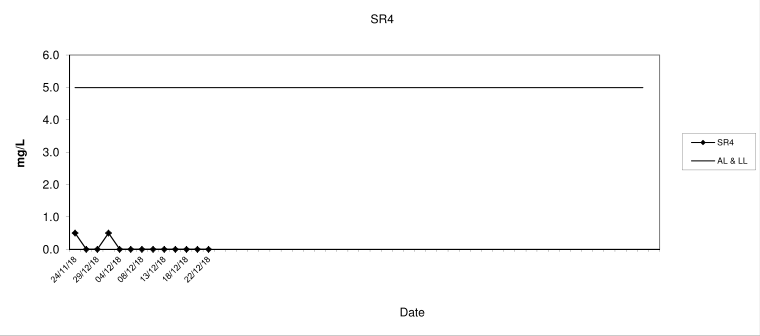


Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel

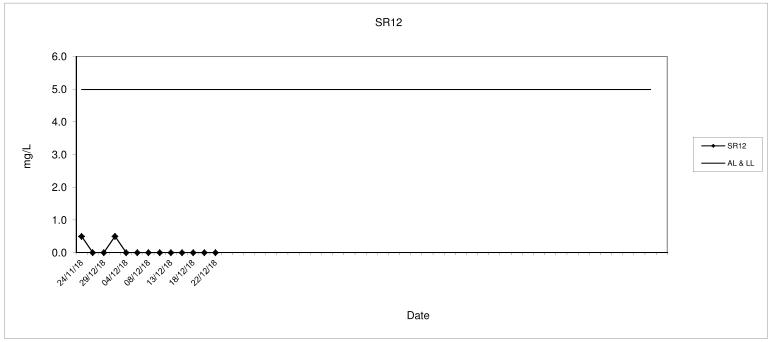
Synthetic Detergent (Depth average) at Mid-Ebb Tide







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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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	11/23/2018 0:01	23.78	71.9	5.04	2.6	SR4	11/23/2018 6:01	23.55	75.9	5.33	3.7	SR4	11/23/2018 12:01	23.83	75.7	5.29	1.7	SR4	11/23/2018 18:01	23.77	73.3	5.13	1.4
SR4	11/23/2018 0:06	23.77	70.4	4.94	3.4	SR4	11/23/2018 6:06	23.54	77.4	5.44	1.5	SR4	11/23/2018 12:06	23.82	76.2	5.33	4.1	SR4	11/23/2018 18:06	23.78	71.9	5.03	3.8
SR4	11/23/2018 0:11	23.77	68.3	4.79	4.3	SR4	11/23/2018 6:11	23.56	78.9	5.54	3.2	SR4	11/23/2018 12:11	24.05	79.0	5.51	4.6	SR4	11/23/2018 18:11	23.77	73.4	5.14	2.1
SR4	11/23/2018 0:16	23.76	69.7	4.89	5.1	SR4	11/23/2018 6:16	23.57	77.8	5.47	2.9	SR4	11/23/2018 12:16	23.80	77.0	5.39	1.2	SR4	11/23/2018 18:16	23.78	73.8	5.17	1.6
SR4	11/23/2018 0:21	23.77	71.0	4.98	2.5	SR4	11/23/2018 6:21	23.56	77.4	5.44	3.1	SR4	11/23/2018 12:21	23.94	73.6	5.14	4.4	SR4	11/23/2018 18:21	23.78	74.6	5.22	1.2
SR4	11/23/2018 0:26	23.78	70.8	4.97	3.3	SR4	11/23/2018 6:26	23.56	77.9	5.47	1.0	SR4	11/23/2018 12:26	23.86	76.3	5.33	2.7	SR4	11/23/2018 18:26	23.78	73.9	5.17	1.5
SR4	11/23/2018 0:31	23.77	70.4	4.94	4.1	SR4	11/23/2018 6:31	23.57	77.8	5.46	1.8	SR4	11/23/2018 12:31	23.82	76.7	5.36	3.6	SR4	11/23/2018 18:31	23.77	74.4	5.21	1.0
SR4	11/23/2018 0:36	23.77	70.6	4.96	2.4	SR4	11/23/2018 6:36	23.56	77.9	5.47	1.2	SR4	11/23/2018 12:36	23.79	78.0	5.46	3.1	SR4	11/23/2018 18:36	23.76	73.7	5.16	2.4
SR4	11/23/2018 0:41	23.75	71.0	4.99	3.7	SR4	11/23/2018 6:41	23.54	77.0	5.41	3.1	SR4	11/23/2018 12:41	23.82	77.8	5.45	5.2	SR4	11/23/2018 18:41	23.75	74.2	5.20	2.6
SR4	11/23/2018 0:46	23.74	70.2	4.93	3.3	SR4	11/23/2018 6:46	23.53	76.7	5.40	4.8	SR4	11/23/2018 12:46	23.80	77.7	5.44	1.4	SR4	11/23/2018 18:46	23.75	75.0	5.25	2.2
SR4	11/23/2018 0:51	23.76	69.9	4.91	4.5	SR4	11/23/2018 6:51	23.54	77.0	5.42	4.0	SR4	11/23/2018 12:51	23.81	78.6	5.50	5.2	SR4	11/23/2018 18:51	23.76	74.6	5.23	1.5
SR4	11/23/2018 0:56	23.75	69.0	4.85	5.3	SR4	11/23/2018 6:56	23.54	77.1	5.42	3.8	SR4	11/23/2018 12:56	23.78	78.4	5.49	1.1	SR4	11/23/2018 18:56	23.75	74.1	5.19	1.2
SR4	11/23/2018 1:01	23.71	68.9	4.84	5.0	SR4	11/23/2018 7:01	23.55	77.0	5.42	5.3	SR4	11/23/2018 13:01	23.75	77.8	5.45	1.5	SR4	11/23/2018 19:01	23.74	74.6	5.22	1.9
SR4	11/23/2018 1:06	23.74	68.6	4.81	3.5	SR4	11/23/2018 7:06	23.56	76.6	5.38	4.2	SR4	11/23/2018 13:06	23.81	78.5	5.49	2.5	SR4	11/23/2018 19:06	23.74	74.5	5.22	2.3
SR4	11/23/2018 1:11	23.77	68.9	4.84	3.4	SR4	11/23/2018 7:11	23.53	76.4	5.37	1.5	SR4	11/23/2018 13:11	23.74	77.7	5.44	2.2	SR4	11/23/2018 19:11	23.74	74.2	5.20	5.2
SR4	11/23/2018 1:16	23.77	67.9	4.76	5.4	SR4	11/23/2018 7:16	23.55	76.3	5.37	4.9	SR4	11/23/2018 13:16	23.75	78.3	5.49	1.3	SR4	11/23/2018 19:16	23.74	73.1	5.12	2.7
SR4	11/23/2018 1:21	23.77	66.3	4.65	2.5	SR4	11/23/2018 7:21	23.55	76.2	5.36	2.6	SR4	11/23/2018 13:21	23.75	78.8	5.52	1.5	SR4	11/23/2018 19:21	23.74	73.8	5.17	1.9
SR4	11/23/2018 1:26	23.75	58.8	4.13	3.6	SR4	11/23/2018 7:26	23.54	76.7	5.39	1.2	SR4	11/23/2018 13:26	23.77	78.2	5.47	1.3	SR4	11/23/2018 19:26	23.74	71.5	5.01	1.6
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SR4	11/23/2018 1:36	23.75	61.5	4.32	4.6	SR4	11/23/2018 7:36	23.57	76.5	5.38	4.9	SR4	11/23/2018 13:36	23.83	78.1	5.46	1.8	SR4	11/23/2018 19:36	23.74	73.6	5.16	6.5
SR4	11/23/2018 1:41	23.76	61.8	4.34	1.3	SR4	11/23/2018 7:41	23.58	76.9	5.41	2.4	SR4	11/23/2018 13:41	23.95	76.4	5.33	5.1	SR4	11/23/2018 19:41	23.74	73.0	5.12	1.6
SR4	11/23/2018 1:46	23.73	63.5	4.46	3.1	SR4	11/23/2018 7:46	23.57	76.0	5.34	3.2	SR4	11/23/2018 13:46	24.04	72.6	5.06	1.6	SR4	11/23/2018 19:46	23.74	72.0	5.05	1.8
SR4	11/23/2018 1:51	23.73	63.4	4.45	2.1	SR4	11/23/2018 7:51	23.58	76.6	5.38	2.9	SR4	11/23/2018 13:51	23.98	71.4	4.98	1.4	SR4	11/23/2018 19:51	23.73	73.1	5.12	1.2
SR4	11/23/2018 1:56	23.78	68.3	4.80	1.7	SR4	11/23/2018 7:56	23.55	76.0	5.35	5.1	SR4	11/23/2018 13:56	23.92	75.3	5.26	4.6	SR4	11/23/2018 19:56	23.73	73.3	5.14	1.2
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SR4	11/23/2018 2:06	23.78	72.0	5.05	3.5	SR4	11/23/2018 8:06	23.58	75.6	5.32	4.5	SR4	11/23/2018 14:06	23.90	75.8	5.30	1.3	SR4	11/23/2018 20:06	23.73	72.8	5.10	1.3
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SR4	11/23/2018 2:26	23.76	72.5	5.08	1.0	SR4	11/23/2018 8:26	23.59	75.4	5.30	5.3	SR4	11/23/2018 14:26	23.97	74.5	5.20	2.8	SR4	11/23/2018 20:26	23.72	73.9	5.18	4.3
SR4	11/23/2018 2:31	23.76	73.3	5.14	3.4	SR4	11/23/2018 8:31	23.61	76.0	5.34	1.6	SR4	11/23/2018 14:31	23.99	73.7	5.14	1.8	SR4	11/23/2018 20:31	23.72	73.6	5.16	1.6
SR4	11/23/2018 2:36	23.77	74.1	5.19	2.5	SR4	11/23/2018 8:36	23.63	75.4	5.29	1.7	SR4	11/23/2018 14:36	23.98	75.2	5.25	4.3	SR4	11/23/2018 20:36	23.71	73.9	5.18	1.5
SR4	11/23/2018 2:41	23.74	76.3	5.35	2.0	SR4	11/23/2018 8:41	23.63	76.7	5.39	1.2	SR4	11/23/2018 14:41	24.00	75.3	5.25	1.6	SR4	11/23/2018 20:41	23.71	74.0	5.18	2.3
SR4	11/23/2018 2:46	23.77	76.2	5.34	1.0	SR4	11/23/2018 8:46	23.64	77.0	5.41	2.8	SR4	11/23/2018 14:46	23.96	74.7	5.21	5.3	SR4	11/23/2018 20:46	23.71	73.3	5.14	2.0
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SR4	11/23/2018 2:56	23.67	75.4	5.30	4.3	SR4	11/23/2018 8:56	23.65	75.5	5.30	4.8	SR4	11/23/2018 14:56	23.92	73.8	5.15	1.6	SR4	11/23/2018 20:56	23.71	73.0	5.12	3.4
SR4	11/23/2018 3:01	23.69	76.2	5.35	1.8	SR4	11/23/2018 9:01	23.66	76.0	5.33	1.3	SR4	11/23/2018 15:01	23.99	73.3	5.12	4.4	SR4	11/23/2018 21:01	23.71	73.0	5.12	1.2
SR4	11/23/2018 3:06	23.72	75.9	5.33	1.3	SR4	11/23/2018 9:06	23.67	76.9	5.40	1.7	SR4	11/23/2018 15:06	24.08	73.2	5.10	3.1	SR4	11/23/2018 21:06	23.71	73.2	5.13	1.0
SR4	11/23/2018 3:11	23.74	75.7	5.31	3.2	SR4	11/23/2018 9:11	23.68	76.8	5.38	2.1	SR4	11/23/2018 15:11	23.97	73.8	5.15	1.1	SR4	11/23/2018 21:11	23.71	72.8	5.10	2.5
SR4	11/23/2018 3:16	23.71	75.5	5.30	4.1	SR4	11/23/2018 9:16	23.66	75.7	5.31	1.8	SR4	11/23/2018 15:16	23.94	72.6	5.07	4.5	SR4	11/23/2018 21:16	23.71	71.3	5.00	2.0
SR4	11/23/2018 3:21	23.71	75.7	5.31	1.2	SR4	11/23/2018 9:21	23.68	76.0	5.33	4.2	SR4	11/23/2018 15:21	23.94	71.3	4.98	5.4	SR4	11/23/2018 21:21	23.71	71.7	5.03	1.0
SR4	11/23/2018 3:26	23.70	76.4	5.36	2.1	SR4	11/23/2018 9:26	23.67	76.4	5.36	1.8	SR4	11/23/2018 15:26	23.90	73.1	5.11	1.1	SR4	11/23/2018 21:26	23.71	71.8	5.04	5.1
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SR4	11/23/2018 3:36	23.72	75.0	5.26	1.3	SR4	11/23/2018 9:36	23.69	77.0	5.40	2.2	SR4	11/23/2018 15:36	23.87	72.0	5.03	1.3	SR4	11/23/2018 21:36	23.70	73.0	5.12	1.6
SR4	11/23/2018 3:41	23.69	74.9	5.25	3.9	SR4	11/23/2018 9:41	23.69	75.7	5.31	1.2	SR4	11/23/2018 15:41	23.86	72.6	5.08	2.8	SR4	11/23/2018 21:41	23.70	72.9	5.11	1.4
SR4	11/23/2018 3:46	23.67	77.3	5.42	2.9	SR4	11/23/2018 9:46	23.69	75.0	5.26	1.5	SR4	11/23/2018 15:46	23.86	72.8	5.09	2.1	SR4	11/23/2018 21:46	23.70	72.5	5.08	1.1
SR4	11/23/2018 3:51	23.67	76.1	5.33	2.2	SR4	11/23/2018 9:51	23.70	76.8	5.38	4.1	SR4	11/23/2018 15:51	23.85	72.9	5.10	2.4	SR4	11/23/2018 21:51	23.70	72.3	5.07	2.4
SR4	11/23/2018 3:56	23.68	76.2	5.34	4.0	SR4	11/23/2018 9:56	23.70	76.6	5.37	1.4	SR4	11/23/2018 15:56	23.86	74.8	5.23	3.7	SR4	11/23/2018 21:56	23.70	71.1	4.99	1.9
SR4	11/23/2018 4:01	23.69	76.4	5.35	2.0	SR4	11/23/2018 10:01	23.71	75.7	5.30	1.6	SR4	11/23/2018 16:01	23.85	74.4	5.21	2.4	SR4	11/23/2018 22:01	23.70	72.2	5.07	1.4
SR4	11/23/2018 4:06	23.67	76.0	5.33	3.6	SR4	11/23/2018 10:06	23.73	76.4	5.35	1.0	SR4	11/23/2018 16:06	23.83	75.8	5.30	3.3	SR4	11/23/2018 22:06	23.70	71.9	5.04	1.2
SR4	11/23/2018 4:11	23.64	77.0	5.40	4.2	SR4	11/23/2018 10:11	23.74	76.5	5.36	2.0	SR4	11/23/2018 16:11	23.82	76.6	5.36	2.5	SR4	11/23/2018 22:11	23.70	71.8	5.03	1.9
SR4	11/23/2018 4:16	23.62	76.7	5.39	3.7	SR4	11/23/2018 10:16	23.75	76.7	5.37	1.5	SR4	11/23/2018 16:16	23.78	77.0	5.39	2.2	SR4	11/23/2018 22:16	23.70	69.8	4.90	2.9
SR4	11/23/2018 4:21	23.63	76.7	5.38	2.9	SR4	11/23/2018 10:21	23.74	76.1	5.33	3.7	SR4	11/23/2018 16:21	23.74	78.3	5.49	3.5	SR4	11/23/2018 22:21	23.70	72.0	5.05	1.1
SR4	11/23/2018 4:26	23.61	77.3	5.43	2.5	SR4	11/23/2018 10:26	23.76	77.2	5.41	1.6	SR4	11/23/2018 16:26	23.77	77.8	5.45	3.0	SR4	11/23/2018 22:26	23.69	70.3	4.93	1.6
SR4	11/23/2018 4:31	23.62	77.6	5.44	1.5	SR4	11/23/2018 10:31	23.76	76.9	5.38	1.0	SR4	11/23/2018 16:31	23.76	77.8	5.44	2.4	SR4	11/23/2018 22:31	23.69	70.2	4.92	1.5
SR4	11/23/2018 4:36	23.61	77.7	5.45	1.5	SR4	11/23/2018 10:36	23.76	76.0	5.33	1.3	SR4	11/23/2018 16:36	23.78	77.2	5.40	1.9	SR4	11/23/2018 22:36	23.68	69.2	4.85	5.3
SR4	11/23/2018 4:41	23.62	78.9	5.54	5.2	SR4	11/23/2018 10:41	23.76	76.3	5.35	5.1	SR4	11/23/2018 16:41	23.77	75.0	5.25	2.0	SR4	11/23/2018 22:41	23.67	71.2	5.00	3.3
SR4	11/23/2018 4:46	23.62	80.1	5.62	3.0	SR4	11/23/2018 10:46	23.77	75.9	5.32	2.8	SR4	11/23/2018 16:46	23.78	76.3	5.34	1.3	SR4	11/23/2018 22:46	23.68	71.3	5.00	2.0
SR4	11/23/2018 4:51	23.62	78.0	5.47	3.3	SR4	11/23/2018 10:51	23.79	77.0	5.39	2.8	SR4	11/23/2018 16:51	23.85	70.7	4.95	1.3	SR4	11/23/2018 22:51	23.69	69.1	4.85	1.7
SR4	11/23/2018 4:56	23.60	78.8	5.53	5.1	SR4	11/23/2018 10:56	23.78	76.1	5.33	1.0	SR4	11/23/2018 16:56	23.83	72.7	5.09	1.3	SR4	11/23/2018 22:56	23.69	70.5	4.95	3.2
SR4	11/23/2018 5:01	23.61	79.0	5.54	4.8	SR4	11/23/2018 11:01	23.78	76.5	5.36	2.3	SR4	11/23/2018 17:01	23.84	71.9	5.03	1.9	SR4	11/23/2018 23:01	23.70	71.1	4.99	3.7
SR4	11/23/2018 5:06	23.60	79.0	5.54	5.3	SR4	11/23/2018 11:06	23.79	77.4	5.42	2.5	SR4	11/23/2018 17:06	23.80	69.2	4.85	4.6	SR4	11/23/2018 23:06	23.70	69.5	4.88	4.9
SR4	11/23/2018 5:11	23.60	76.9	5.39	4.4	SR4	11/23/2018 11:11	23.81	77.3	5.41	5.2	SR4	11/23/2018 17:11	23.80	73.7	5.16	1.5	SR4	11/23/2018 23:11	23.69	71.5	5.02	2.0
SR4	11/23/2018 5:16	23.60	75.6	5.31	4.2	SR4	11/23/2018 11:16	23.83	76.3	5.34	2.2	SR4	11/23/2018 17:16	23.78	72.7	5.09	4.8	SR4	11/23/2018 23:16	23.69	70.5	4.95	4.1
SR4	11/23/2018 5:21	23.60	74.3	5.21	4.0	SR4	11/23/2018 11:21	23.80	77.0	5.39	1.0	SR4	11/23/2018 17:21	23.80	73.2	5.13	1.2	SR4	11/23/2018 23:21	23.69	70.8	4.97	1.3
SR4	11/23/2018 5:26	23.56	72.7	5.11	4.1	SR4	11/23/2018 11:26	23.80	75.8	5.31	1.1	SR4	11/23/2018 17:26	23.77	76.4	5.35	2.2	SR4	11/23/2018 23:26	23.67	71.1	4.99	4.4
SR4	11/23/2018 5:31	23.58	72.4	5.08	2.4	SR4	11/23/2018 11:31	23.82	76.7	5.37	1.4	SR4	11/23/2018 17:31	23.78	74.3	5.21	2.1	SR4	11/23/2018 23:31	23.67	72.2	5.07	2.6
SR4	11/23/2018 5:36	23.58	72.7	5.10	1.8	SR4	11/23/2018 11:36	23.85	77.7	5.44	1.0	SR4	11/23/2018 17:36	23.79	73.8	5.17	2.2	SR4	11/23/2018 23:36	23.67	72.1	5.06	1.2
SR4	11/23/2018 5:41	23.60	72.7	5.10	2.9	SR4	11/23/2018 11:41	23.79	74.5	5.21	2.8	SR4	11/23/2018 17:41	23.78	74.2	5.20	1.4	SR4	11/23/2018 23:41	23.67	72.0	5.06	5.1
SR4	11/23/2018 5:46	23.58	72.3	5.08	4.0	SR4	11/23/2018 11:46	23.85	76.3	5.33	2.3	SR4	11/23/2018 17:46	23.78	74.7	5.24	2.3	SR4	11/23/2018 23:46	23.67	71.8	5.04	2.6
SR4	11/23/2018 5:51	23.58	73.7	5.17	2.0	SR4	11/23/2018 11:51	23.86	78.0	5.45	2.9	SR4	11/23/2018 17:51	23.77	74.6	5.22	2.1	SR4	11/23/2018 23:51	23.67	72.1	5.06	2.0
SR4	11/23/2018 5:56	23.58	74.5	5.23	4.8	SR4	11/23/2018 11:56	23.78	75.5	5.28	1.5	SR4	11/23/2018 17:56	23.78	73.2	5.13	1.9	SR4	11/23/2018 23:56	23.67	71.6	5.02	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	11/23/2018 0:00	23.99	74.8	5.42	4.2	SR5	11/23/2018 6:00	23.92	79.7	5.64	4.9	SR5	11/23/2018 12:00	24.42	78.4	5.53	2.9	SR5	11/23/2018 18:00	24.08	78.3	5.53	2.9
SR5	11/23/2018 0:05	23.97	79.0	5.58	4.8	SR5	11/23/2018 6:05	23.88	76.9	5.44	4.6	SR5	11/23/2018 12:05	24.41	78.6	5.55	5.2	SR5	11/23/2018 18:05	24.05	76.2	**5.38**	5.7
SR5	11/23/2018 0:10	23.95	79.7	5.63	3.8	SR5	11/23/2018 6:10	23.93	78.1	5.52	4.7	SR5	11/23/2018 12:10	24.40	79.9	5.63	5.7	SR5	11/23/2018 18:10	24.10	78.5	5.54	4.7
SR5	11/23/2018 0:15	24.01	78.6	5.55	6.0	SR5	11/23/2018 6:15	23.94	78.7	5.56	5.0	SR5	11/23/2018 12:15	24.39	79.3	5.60	3.9	SR5	11/23/2018 18:15	24.05	79.3	5.60	3.6
SR5	11/23/2018 0:20	23.98	75.1	5.44	5.4	SR5	11/23/2018 6:20	23.93	78.4	5.54	3.8	SR5	11/23/2018 12:20	24.39	78.1	5.51	4.7	SR5	11/23/2018 18:20	24.07	79.2	5.59	6.8
SR5	11/23/2018 0:25	24.02	75.1	5.44	3.5	SR5	11/23/2018 6:25	23.91	78.6	5.56	4.5	SR5	11/23/2018 12:25	24.39	77.9	5.50	4.3	SR5	11/23/2018 18:25	24.08	78.8	5.56	4.4
SR5	11/23/2018 0:30	24.01	75.9	5.50	5.0	SR5	11/23/2018 6:30	23.86	77.9	5.51	3.6	SR5	11/23/2018 12:30	24.40	77.4	5.46	7.5	SR5	11/23/2018 18:30	24.07	76.8	5.42	2.9
SR5	11/23/2018 0:35	23.94	76.2	5.52	4.8	SR5	11/23/2018 6:35	23.86	79.9	5.65	4.5	SR5	11/23/2018 12:35	24.39	79.7	5.62	4.7	SR5	11/23/2018 18:35	24.02	78.7	5.56	5.7
SR5	11/23/2018 0:40	23.98	76.0	5.51	3.7	SR5	11/23/2018 6:40	23.90	76.1	**5.38**	5.1	SR5	11/23/2018 12:40	24.40	80.2	5.66	4.3	SR5	11/23/2018 18:40	24.08	76.0	**5.37**	3.4
SR5	11/23/2018 0:45	23.95	75.2	5.45	4.7	SR5	11/23/2018 6:45	23.90	77.3	5.47	4.4	SR5	11/23/2018 12:45	24.40	77.7	5.48	3.8	SR5	11/23/2018 18:45	24.07	76.6	5.40	4.9
SR5	11/23/2018 0:50	23.93	75.3	5.46	4.8	SR5	11/23/2018 6:50	23.92	79.0	5.59	5.1	SR5	11/23/2018 12:50	24.41	77.3	5.46	4.1	SR5	11/23/2018 18:50	24.05	77.1	5.45	5.1
SR5	11/23/2018 0:55	23.95	74.4	5.39	4.9	SR5	11/23/2018 6:55	23.92	79.1	5.59	3.9	SR5	11/23/2018 12:55	24.41	78.2	5.52	3.1	SR5	11/23/2018 18:55	24.03	78.7	5.56	3.1
SR5	11/23/2018 1:00	23.94	75.2	5.45	3.7	SR5	11/23/2018 7:00	23.86	76.6	5.42	5.4	SR5	11/23/2018 13:00	24.41	77.2	5.45	3.3	SR5	11/23/2018 19:00	24.02	79.4	5.61	4.9
SR5	11/23/2018 1:05	23.98	75.5	5.47	5.2	SR5	11/23/2018 7:05	23.87	76.8	5.42	6.1	SR5	11/23/2018 13:05	24.41	77.0	5.43	5.2	SR5	11/23/2018 19:05	24.08	78.4	5.54	4.1
SR5	11/23/2018 1:10	24.01	75.6	5.48	4.1	SR5	11/23/2018 7:10	23.93	76.3	5.40	4.7	SR5	11/23/2018 13:10	24.41	77.5	5.46	3.2	SR5	11/23/2018 19:10	24.01	77.8	5.49	5.4
SR5	11/23/2018 1:15	23.97	75.2	5.45	6.2	SR5	11/23/2018 7:15	23.90	78.9	5.58	5.8	SR5	11/23/2018 13:15	24.41	78.4	5.53	3.0	SR5	11/23/2018 19:15	24.08	76.2	**5.38**	4.6
SR5	11/23/2018 1:20	23.96	75.8	5.49	3.3	SR5	11/23/2018 7:20	23.90	76.2	5.39	3.5	SR5	11/23/2018 13:20	24.41	79.2	5.59	5.0	SR5	11/23/2018 19:20	24.03	76.3	5.39	3.8
SR5	11/23/2018 1:25	23.93	75.8	5.49	3.5	SR5	11/23/2018 7:25	23.89	78.1	5.52	3.4	SR5	11/23/2018 13:25	24.42	77.9	5.49	3.4	SR5	11/23/2018 19:25	24.02	77.6	5.49	5.0
SR5	11/23/2018 1:30	23.97	74.4	5.39	3.9	SR5	11/23/2018 7:30	23.87	78.9	5.58	5.0	SR5	11/23/2018 13:30	24.42	78.9	5.57	3.0	SR5	11/23/2018 19:30	24.03	78.5	5.55	4.5
SR5	11/23/2018 1:35	23.97	75.2	5.45	5.4	SR5	11/23/2018 7:35	23.88	78.8	5.57	5.0	SR5	11/23/2018 13:35	24.43	77.7	5.48	5.5	SR5	11/23/2018 19:35	24.07	75.9	**5.36**	5.8
SR5	11/23/2018 1:40	23.93	75.6	5.48	4.8	SR5	11/23/2018 7:40	23.89	78.3	5.53	3.8	SR5	11/23/2018 13:40	24.43	78.1	5.51	6.0	SR5	11/23/2018 19:40	24.01	76.0	**5.37**	5.2
SR5	11/23/2018 1:45	23.98	75.2	5.45	3.5	SR5	11/23/2018 7:45	23.94	76.6	5.41	4.3	SR5	11/23/2018 13:45	24.44	75.8	**5.35**	3.2	SR5	11/23/2018 19:45	24.09	78.2	5.53	4.4
SR5	11/23/2018 1:50	23.94	75.2	5.45	5.0	SR5	11/23/2018 7:50	23.91	75.6	**5.34**	4.7	SR5	11/23/2018 13:50	24.45	77.7	5.48	5.2	SR5	11/23/2018 19:50	24.03	75.6	**5.34**	3.6
SR5	11/23/2018 1:55	23.93	75.9	5.50	4.7	SR5	11/23/2018 7:55	23.85	77.4	5.48	5.9	SR5	11/23/2018 13:55	24.47	78.3	5.52	4.2	SR5	11/23/2018 19:55	24.01	76.9	5.43	4.1
SR5	11/23/2018 2:00	23.95	76.9	5.57	4.7	SR5	11/23/2018 8:00	23.90	78.5	5.55	4.0	SR5	11/23/2018 14:00	24.46	77.7	5.48	4.7	SR5	11/23/2018 20:00	24.05	77.6	5.48	4.3
SR5	11/23/2018 2:05	23.91	75.8	5.49	3.7	SR5	11/23/2018 8:05	23.93	76.6	5.42	4.0	SR5	11/23/2018 14:05	24.46	76.8	5.42	3.6	SR5	11/23/2018 20:05	24.08	78.0	5.51	3.0
SR5	11/23/2018 2:10	23.97	74.8	5.42	6.2	SR5	11/23/2018 8:10	23.92	77.3	5.46	4.2	SR5	11/23/2018 14:10	24.47	78.8	5.56	6.0	SR5	11/23/2018 20:10	24.04	75.9	**5.36**	3.4
SR5	11/23/2018 2:15	23.94	77.4	5.47	5.8	SR5	11/23/2018 8:15	23.87	76.5	5.41	4.3	SR5	11/23/2018 14:15	24.48	77.2	5.45	5.2	SR5	11/23/2018 20:15	24.02	75.2	**5.31**	3.1
SR5	11/23/2018 2:20	23.97	79.1	5.59	5.2	SR5	11/23/2018 8:20	23.88	77.8	5.50	5.7	SR5	11/23/2018 14:20	24.48	78.6	5.55	5.9	SR5	11/23/2018 20:20	24.07	76.1	**5.38**	4.9
SR5	11/23/2018 2:25	23.90	77.2	5.45	2.8	SR5	11/23/2018 8:25	24.16	76.2	5.39	6.0	SR5	11/23/2018 14:25	24.49	79.2	5.59	5.6	SR5	11/23/2018 20:25	24.03	78.3	5.54	4.6
SR5	11/23/2018 2:30	23.93	78.9	5.57	4.0	SR5	11/23/2018 8:30	24.17	76.1	**5.38**	4.6	SR5	11/23/2018 14:30	24.49	79.0	5.57	4.5	SR5	11/23/2018 20:30	24.03	76.6	5.41	4.7
SR5	11/23/2018 2:35	23.91	79.0	5.58	3.7	SR5	11/23/2018 8:35	24.18	78.9	5.58	4.3	SR5	11/23/2018 14:35	24.49	80.3	5.67	5.9	SR5	11/23/2018 20:35	24.01	77.8	5.49	4.9
SR5	11/23/2018 2:40	23.90	79.7	5.63	4.8	SR5	11/23/2018 8:40	24.19	75.6	**5.34**	4.7	SR5	11/23/2018 14:40	24.49	77.1	5.43	4.6	SR5	11/23/2018 20:40	24.05	76.8	5.42	3.5
SR5	11/23/2018 2:45	23.90	78.6	5.55	4.7	SR5	11/23/2018 8:45	24.21	77.4	5.48	4.6	SR5	11/23/2018 14:45	24.49	78.0	5.50	6.4	SR5	11/23/2018 20:45	24.06	78.6	5.56	5.5
SR5	11/23/2018 2:50	23.97	79.7	5.63	3.7	SR5	11/23/2018 8:50	24.23	77.3	5.46	3.7	SR5	11/23/2018 14:50	24.49	79.7	5.62	6.0	SR5	11/23/2018 20:50	24.08	77.6	5.48	4.8
SR5	11/23/2018 2:55	23.90	78.1	5.52	5.3	SR5	11/23/2018 8:55	24.24	76.8	5.42	7.9	SR5	11/23/2018 14:55	24.50	78.6	5.55	4.2	SR5	11/23/2018 20:55	24.01	78.2	5.53	3.3
SR5	11/23/2018 3:00	23.90	81.1	5.73	4.1	SR5	11/23/2018 9:00	24.25	76.8	5.43	3.1	SR5	11/23/2018 15:00	24.50	76.3	5.39	5.6	SR5	11/23/2018 21:00	24.01	76.7	5.42	3.6
SR5	11/23/2018 3:05	23.92	79.9	5.64	4.7	SR5	11/23/2018 9:05	24.25	79.1	5.59	3.4	SR5	11/23/2018 15:05	24.50	78.6	5.55	5.8	SR5	11/23/2018 21:05	24.06	74.9	**5.29**	3.1
SR5	11/23/2018 3:10	23.89	80.4	5.68	3.6	SR5	11/23/2018 9:10	24.26	78.4	5.54	4.5	SR5	11/23/2018 15:10	24.51	77.7	5.48	4.3	SR5	11/23/2018 21:10	24.07	77.5	5.47	4.3
SR5	11/23/2018 3:15	23.96	80.5	5.69	4.4	SR5	11/23/2018 9:15	24.26	75.6	**5.34**	5.0	SR5	11/23/2018 15:15	24.50	76.2	**5.38**	5.9	SR5	11/23/2018 21:15	24.04	75.4	**5.33**	4.1
SR5	11/23/2018 3:20	23.94	80.3	5.67	3.0	SR5	11/23/2018 9:20	24.27	78.0	5.51	4.8	SR5	11/23/2018 15:20	24.50	77.2	5.45	6.1	SR5	11/23/2018 21:20	24.08	78.0	5.51	4.3
SR5	11/23/2018 3:25	23.90	81.1	5.73	3.5	SR5	11/23/2018 9:25	24.28	78.0	5.51	2.8	SR5	11/23/2018 15:25	24.49	77.5	5.47	5.0	SR5	11/23/2018 21:25	24.02	76.1	**5.38**	4.3
SR5	11/23/2018 3:30	23.91	80.8	5.71	5.8	SR5	11/23/2018 9:30	24.29	77.2	5.45	4.4	SR5	11/23/2018 15:30	24.48	78.6	5.55	4.3	SR5	11/23/2018 21:30	24.00	76.6	5.41	5.1
SR5	11/23/2018 3:35	23.90	78.1	5.52	4.6	SR5	11/23/2018 9:35	24.31	78.4	5.54	3.4	SR5	11/23/2018 15:35	24.48	77.6	5.48	3.9	SR5	11/23/2018 21:35	24.04	75.3	**5.32**	4.9
SR5	11/23/2018 3:40	23.88	78.8	5.56	5.2	SR5	11/23/2018 9:40	24.30	78.5	5.55	4.6	SR5	11/23/2018 15:40	24.47	78.4	5.54	3.2	SR5	11/23/2018 21:40	24.07	77.2	5.46	3.2
SR5	11/23/2018 3:45	23.93	78.0	5.51	4.6	SR5	11/23/2018 9:45	24.30	77.6	5.48	3.2	SR5	11/23/2018 15:45	24.47	79.6	5.62	3.2	SR5	11/23/2018 21:45	24.00	77.5	5.48	4.1
SR5	11/23/2018 3:50	23.87	78.5	5.54	3.0	SR5	11/23/2018 9:50	24.31	77.5	5.47	3.5	SR5	11/23/2018 15:50	24.46	77.1	5.44	4.2	SR5	11/23/2018 21:50	23.99	75.1	**5.30**	4.7
SR5	11/23/2018 3:55	23.86	80.0	5.65	5.7	SR5	11/23/2018 9:55	24.32	76.9	5.43	4.6	SR5	11/23/2018 15:55	24.45	76.4	5.39	3.6	SR5	11/23/2018 21:55	24.04	77.9	5.51	5.3
SR5	11/23/2018 4:00	23.93	80.3	5.67	3.8	SR5	11/23/2018 10:00	24.34	76.6	5.41	4.4	SR5	11/23/2018 16:00	24.45	78.3	5.53	5.0	SR5	11/23/2018 22:00	24.05	78.2	5.53	4.0
SR5	11/23/2018 4:05	23.88	79.3	5.61	4.8	SR5	11/23/2018 10:05	24.34	76.9	5.43	4.2	SR5	11/23/2018 16:05	24.44	77.6	5.48	3.3	SR5	11/23/2018 22:05	24.04	78.6	5.56	4.0
SR5	11/23/2018 4:10	23.85	80.0	5.65	4.0	SR5	11/23/2018 10:10	24.34	77.0	5.44	4.9	SR5	11/23/2018 16:10	24.43	77.7	5.49	4.9	SR5	11/23/2018 22:10	24.05	77.6	5.48	3.8
SR5	11/23/2018 4:15	23.89	81.4	5.76	4.0	SR5	11/23/2018 10:15	24.35	77.5	5.47	4.9	SR5	11/23/2018 16:15	24.43	79.5	5.61	4.1	SR5	11/23/2018 22:15	24.00	76.8	5.43	5.3
SR5	11/23/2018 4:20	23.92	79.6	5.62	5.3	SR5	11/23/2018 10:20	24.37	78.8	5.57	4.2	SR5	11/23/2018 16:20	24.42	77.9	5.50	3.7	SR5	11/23/2018 22:20	23.98	77.1	5.45	5.3
SR5	11/23/2018 4:25	23.86	78.8	5.57	3.4	SR5	11/23/2018 10:25	24.37	79.2	5.60	2.6	SR5	11/23/2018 16:25	24.42	80.6	5.69	5.6	SR5	11/23/2018 22:25	24.00	76.6	5.41	3.3
SR5	11/23/2018 4:30	23.85	82.0	5.80	3.1	SR5	11/23/2018 10:30	24.38	76.2	**5.38**	4.2	SR5	11/23/2018 16:30	24.41	80.3	5.67	4.9	SR5	11/23/2018 22:30	24.01	77.8	5.50	4.2
SR5	11/23/2018 4:35	23.85	81.4	5.76	3.4	SR5	11/23/2018 10:35	24.37	76.8	5.43	4.3	SR5	11/23/2018 16:35	24.40	80.0	5.65	4.2	SR5	11/23/2018 22:35	24.00	77.9	5.51	5.1
SR5	11/23/2018 4:40	23.91	79.2	5.60	6.5	SR5	11/23/2018 10:40	24.37	78.4	5.53	5.2	SR5	11/23/2018 16:40	24.09	77.6	5.48	4.6	SR5	11/23/2018 22:40	24.06	77.7	5.49	4.3
SR5	11/23/2018 4:45	23.88	82.0	5.80	5.2	SR5	11/23/2018 10:45	24.38	78.6	5.55	3.8	SR5	11/23/2018 16:45	24.08	78.8	5.57	3.3	SR5	11/23/2018 22:45	24.00	77.4	5.47	4.4
SR5	11/23/2018 4:50	23.85	81.0	5.72	3.4	SR5	11/23/2018 10:50	24.38	79.9	5.63	4.3	SR5	11/23/2018 16:50	24.05	77.0	5.44	3.8	SR5	11/23/2018 22:50	24.04	74.3	**5.26**	3.6
SR5	11/23/2018 4:55	23.87	78.7	5.56	5.9	SR5	11/23/2018 10:55	24.38	76.5	5.41	3.6	SR5	11/23/2018 16:55	24.11	77.2	5.45	4.4	SR5	11/23/2018 22:55	24.03	75.2	**5.32**	4.7
SR5	11/23/2018 5:00	23.87	78.7	5.56	5.2	SR5	11/23/2018 11:00	24.39	77.8	5.50	3.5	SR5	11/23/2018 17:00	24.05	76.0	**5.36**	4.4	SR5	11/23/2018 23:00	24.05	77.6	5.49	4.8
SR5	11/23/2018 5:05	23.85	80.7	5.70	4.2	SR5	11/23/2018 11:05	24.40	79.6	5.62	5.3	SR5	11/23/2018 17:05	24.09	77.6	5.48	5.1	SR5	11/23/2018 23:05	24.05	75.0	**5.30**	4.3
SR5	11/23/2018 5:10	23.92	77.5	5.48	6.0	SR5	11/23/2018 11:10	24.39	77.3	5.46	4.8	SR5	11/23/2018 17:10	24.10	75.9	**5.36**	5.0	SR5	11/23/2018 23:10	24.01	77.9	5.51	4.9
SR5	11/23/2018 5:15	23.92	78.8	5.57	3.9	SR5	11/23/2018 11:15	24.40	76.4	5.39	3.7	SR5	11/23/2018 17:15	24.08	77.4	5.46	5.6	SR5	11/23/2018 23:15	24.03	76.4	5.41	5.6
SR5	11/23/2018 5:20	23.87	77.2	5.46	5.8	SR5	11/23/2018 11:20	24.41	78.1	5.52	3.8	SR5	11/23/2018 17:20	24.08	76.8	5.43	4.6	SR5	11/23/2018 23:20	24.00	76.2	**5.38**	4.9
SR5	11/23/2018 5:25	23.90	77.8	5.50	3.9	SR5	11/23/2018 11:25	24.42	78.2	5.52	4.3	SR5	11/23/2018 17:25	24.08	78.1	5.51	3.5	SR5	11/23/2018 23:25	24.02	75.7	**5.35**	5.0
SR5	11/23/2018 5:30	23.88	77.9	5.50	3.8	SR5	11/23/2018 11:30	24.43	78.3	5.53	4.5	SR5	11/23/2018 17:30	24.07	76.3	5.39	4.8	SR5	11/23/2018 23:30	24.04	77.3	5.47	3.2
SR5	11/23/2018 5:35	23.87	78.3	5.53	3.8	SR5	11/23/2018 11:35	24.44	80.0	5.65	4.4	SR5	11/23/2018 17:35	24.03	75.9	**5.35**	4.9	SR5	11/23/2018 23:35	24.01	78.4	5.54	4.2
SR5	11/23/2018 5:40	23.87	77.3	5.46	5.2	SR5	11/23/2018 11:40	24.44	78.3	5.53	4.4	SR5	11/23/2018 17:40	24.10	79.5	5.62	3.6	SR5	11/23/2018 23:40	24.01	76.1	**5.38**	5.5
SR5	11/23/2018 5:45	23.91	75.7	**5.35**	5.0	SR5	11/23/2018 11:45	24.44	78.2	5.52	5.1	SR5	11/23/2018 17:45	24.08	77.6	5.48	3.9	SR5	11/23/2018 23:45	24.03	78.7	5.56	4.3
SR5	11/23/2018 5:50	23.88	77.3	5.46	3.4	SR5	11/23/2018 11:50	24.44	78.2	5.52	4.9	SR5	11/23/2018 17:50	24.04	76.7	5.42	3.4	SR5	11/23/2018 23:50	24.00	76.5	5.40	4.9
SR5	11/23/2018 5:55	23.91	76.6	5.41	4.9	SR5	11/23/2018 11:55	24.43	79.7	5.62	3.1	SR5	11/23/2018 17:55	24.08	78.5	5.54	3.3	SR5	11/23/2018 23:55	24.02	75.1	**5.31**	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	11/23/2018 0:01	24.62	72.1	5.01	7.5	SR12	11/23/2018 6:01	24.52	74.1	5.14	8.0	SR12	11/23/2018 12:01	24.60	74.8	5.18	3.5	SR12	11/23/2018 18:01	24.53	74.4	5.16	7.8
SR12	11/23/2018 0:06	24.61	73.4	5.09	9.1	SR12	11/23/2018 6:06	24.53	73.2	5.08	8.1	SR12	11/23/2018 12:06	24.60	75.0	5.20	9.0	SR12	11/23/2018 18:06	24.53	74.6	5.18	8.7
SR12	11/23/2018 0:11	24.62	73.2	5.08	7.6	SR12	11/23/2018 6:11	24.53	73.8	5.12	8.8	SR12	11/23/2018 12:11	24.61	74.3	5.15	9.3	SR12	11/23/2018 18:11	24.52	75.0	5.20	7.9
SR12	11/23/2018 0:16	24.62	73.9	5.13	8.4	SR12	11/23/2018 6:16	24.53	73.4	5.09	9.3	SR12	11/23/2018 12:16	24.61	74.8	5.18	9.4	SR12	11/23/2018 18:16	24.52	74.6	5.18	8.7
SR12	11/23/2018 0:21	24.62	73.1	5.08	9.1	SR12	11/23/2018 6:21	24.53	73.7	5.12	8.3	SR12	11/23/2018 12:21	24.60	74.6	5.17	8.5	SR12	11/23/2018 18:21	24.52	74.3	5.16	**17.3**
SR12	11/23/2018 0:26	24.63	74.0	5.14	8.1	SR12	11/23/2018 6:26	24.53	73.7	5.12	7.4	SR12	11/23/2018 12:26	24.58	76.3	5.29	3.8	SR12	11/23/2018 18:26	24.52	74.4	5.16	7.8
SR12	11/23/2018 0:31	24.62	73.5	5.10	9.3	SR12	11/23/2018 6:31	24.51	73.3	5.09	9.3	SR12	11/23/2018 12:31	24.58	77.4	5.37	7.5	SR12	11/23/2018 18:31	24.52	74.3	5.16	8.7
SR12	11/23/2018 0:36	24.62	73.7	5.12	8.2	SR12	11/23/2018 6:36	24.52	73.2	5.08	8.5	SR12	11/23/2018 12:36	24.58	76.7	5.32	9.1	SR12	11/23/2018 18:36	24.52	74.5	5.17	9.1
SR12	11/23/2018 0:41	24.62	73.0	5.07	9.0	SR12	11/23/2018 6:41	24.53	73.9	5.13	7.9	SR12	11/23/2018 12:41	24.57	77.3	5.36	9.6	SR12	11/23/2018 18:41	24.51	74.2	5.15	9.2
SR12	11/23/2018 0:46	24.62	73.0	5.07	9.1	SR12	11/23/2018 6:46	24.52	72.8	5.06	8.2	SR12	11/23/2018 12:46	24.57	77.0	5.34	8.4	SR12	11/23/2018 18:46	24.52	74.9	5.19	9.2
SR12	11/23/2018 0:51	24.62	72.9	5.06	7.9	SR12	11/23/2018 6:51	24.51	73.0	5.07	8.3	SR12	11/23/2018 12:51	24.57	76.8	5.33	8.8	SR12	11/23/2018 18:51	24.50	75.0	5.20	9.3
SR12	11/23/2018 0:56	24.62	73.0	5.07	8.5	SR12	11/23/2018 6:56	24.52	73.5	5.10	7.8	SR12	11/23/2018 12:56	24.58	75.9	5.27	9.3	SR12	11/23/2018 18:56	24.51	75.2	5.22	7.8
SR12	11/23/2018 1:01	24.62	72.7	5.05	8.0	SR12	11/23/2018 7:01	24.52	73.3	5.09	8.5	SR12	11/23/2018 13:01	24.64	75.6	5.24	7.9	SR12	11/23/2018 19:01	24.50	74.7	5.19	7.5
SR12	11/23/2018 1:06	24.62	72.6	5.04	9.2	SR12	11/23/2018 7:06	24.52	72.9	5.06	9.5	SR12	11/23/2018 13:06	24.58	75.0	5.20	7.4	SR12	11/23/2018 19:06	24.50	73.7	5.12	7.5
SR12	11/23/2018 1:11	24.61	73.0	5.07	8.8	SR12	11/23/2018 7:11	24.52	72.6	5.04	8.0	SR12	11/23/2018 13:11	24.59	77.4	5.36	8.6	SR12	11/23/2018 19:11	24.50	73.2	5.08	8.9
SR12	11/23/2018 1:16	24.61	73.4	5.10	9.2	SR12	11/23/2018 7:16	24.51	71.7	4.98	8.5	SR12	11/23/2018 13:16	24.60	75.4	5.23	7.4	SR12	11/23/2018 19:16	24.51	73.6	5.11	8.2
SR12	11/23/2018 1:21	24.61	74.1	5.14	8.9	SR12	11/23/2018 7:21	24.51	72.4	5.03	8.4	SR12	11/23/2018 13:21	24.58	78.3	5.43	9.2	SR12	11/23/2018 19:21	24.51	74.1	5.15	8.4
SR12	11/23/2018 1:26	24.60	74.6	5.18	7.9	SR12	11/23/2018 7:26	24.51	72.6	5.04	9.0	SR12	11/23/2018 13:26	24.59	78.0	5.41	9.2	SR12	11/23/2018 19:26	24.51	72.9	5.06	9.3
SR12	11/23/2018 1:31	24.60	74.4	5.16	8.4	SR12	11/23/2018 7:31	24.50	73.2	5.09	9.6	SR12	11/23/2018 13:31	24.60	77.6	5.38	9.0	SR12	11/23/2018 19:31	24.51	73.2	5.08	9.2
SR12	11/23/2018 1:36	24.60	75.0	5.21	7.5	SR12	11/23/2018 7:36	24.51	73.1	5.08	8.0	SR12	11/23/2018 13:36	24.60	77.3	5.36	9.5	SR12	11/23/2018 19:36	24.50	73.5	5.10	8.8
SR12	11/23/2018 1:41	24.59	74.3	5.16	7.4	SR12	11/23/2018 7:41	24.51	72.5	5.03	8.3	SR12	11/23/2018 13:41	24.59	77.0	5.34	9.3	SR12	11/23/2018 19:41	24.51	72.8	5.06	9.7
SR12	11/23/2018 1:46	24.55	75.9	5.27	8.2	SR12	11/23/2018 7:46	24.51	72.3	5.02	7.8	SR12	11/23/2018 13:46	24.59	77.2	5.36	8.7	SR12	11/23/2018 19:46	24.51	72.6	5.04	**11.5**
SR12	11/23/2018 1:51	24.55	75.9	5.28	7.9	SR12	11/23/2018 7:51	24.51	72.0	5.00	8.2	SR12	11/23/2018 13:51	24.58	77.2	5.35	9.1	SR12	11/23/2018 19:51	24.51	72.3	5.02	8.3
SR12	11/23/2018 1:56	24.55	76.2	5.29	9.6	SR12	11/23/2018 7:56	24.51	72.5	5.04	7.5	SR12	11/23/2018 13:56	24.58	78.1	5.41	8.3	SR12	11/23/2018 19:56	24.51	72.4	5.02	7.7
SR12	11/23/2018 2:01	24.53	76.9	5.34	8.1	SR12	11/23/2018 8:01	24.51	71.4	4.96	8.0	SR12	11/23/2018 14:01	24.58	77.6	5.38	9.4	SR12	11/23/2018 20:01	24.50	72.8	5.05	7.4
SR12	11/23/2018 2:06	24.52	77.0	5.35	8.6	SR12	11/23/2018 8:06	24.52	72.0	5.00	7.5	SR12	11/23/2018 14:06	24.58	77.1	5.35	8.8	SR12	11/23/2018 20:06	24.50	72.6	5.04	7.9
SR12	11/23/2018 2:11	24.51	77.8	5.40	9.3	SR12	11/23/2018 8:11	24.51	72.6	5.04	9.7	SR12	11/23/2018 14:11	24.57	77.0	5.34	7.9	SR12	11/23/2018 20:11	24.50	73.1	5.07	8.2
SR12	11/23/2018 2:16	24.51	77.0	5.35	7.5	SR12	11/23/2018 8:16	24.51	72.2	5.02	9.1	SR12	11/23/2018 14:16	24.58	77.3	5.36	8.8	SR12	11/23/2018 20:16	24.50	72.3	5.02	9.2
SR12	11/23/2018 2:21	24.51	77.2	5.37	9.2	SR12	11/23/2018 8:21	24.50	72.2	5.02	7.7	SR12	11/23/2018 14:21	24.57	78.2	5.42	9.5	SR12	11/23/2018 20:21	24.49	72.9	5.06	8.3
SR12	11/23/2018 2:26	24.48	78.6	5.46	7.7	SR12	11/23/2018 8:26	24.51	72.1	5.01	8.2	SR12	11/23/2018 14:26	24.58	77.0	5.34	9.5	SR12	11/23/2018 20:26	24.49	73.3	5.09	7.5
SR12	11/23/2018 2:31	24.49	78.2	5.43	8.1	SR12	11/23/2018 8:31	24.50	72.8	5.06	9.0	SR12	11/23/2018 14:31	24.57	77.1	5.35	8.1	SR12	11/23/2018 20:31	24.49	73.2	5.08	9.0
SR12	11/23/2018 2:36	24.47	79.9	5.55	8.4	SR12	11/23/2018 8:36	24.50	72.2	5.02	7.9	SR12	11/23/2018 14:36	24.57	77.1	5.35	9.5	SR12	11/23/2018 20:36	24.49	72.4	5.02	9.4
SR12	11/23/2018 2:41	24.46	80.6	5.60	8.5	SR12	11/23/2018 8:41	24.50	71.9	4.99	9.2	SR12	11/23/2018 14:41	24.56	77.6	5.39	7.7	SR12	11/23/2018 20:41	24.49	73.0	5.06	8.1
SR12	11/23/2018 2:46	24.47	80.4	5.59	7.8	SR12	11/23/2018 8:46	24.52	72.2	5.02	8.1	SR12	11/23/2018 14:46	24.55	78.0	5.41	9.0	SR12	11/23/2018 20:46	24.48	73.6	5.11	8.8
SR12	11/23/2018 2:51	24.45	81.5	5.67	9.1	SR12	11/23/2018 8:51	24.51	71.8	4.99	8.0	SR12	11/23/2018 14:51	24.55	77.9	5.41	9.2	SR12	11/23/2018 20:51	24.48	72.6	5.04	7.8
SR12	11/23/2018 2:56	24.46	80.8	5.61	8.9	SR12	11/23/2018 8:56	24.51	72.1	5.00	**20.5**	SR12	11/23/2018 14:56	24.55	77.6	5.38	8.3	SR12	11/23/2018 20:56	24.48	72.7	5.05	8.0
SR12	11/23/2018 3:01	24.44	82.2	5.71	8.4	SR12	11/23/2018 9:01	24.52	72.5	5.04	7.5	SR12	11/23/2018 15:01	24.55	76.5	5.31	9.1	SR12	11/23/2018 21:01	24.49	72.8	5.05	8.1
SR12	11/23/2018 3:06	24.44	82.4	5.72	7.6	SR12	11/23/2018 9:06	24.51	73.4	5.10	9.5	SR12	11/23/2018 15:06	24.56	76.5	5.31	9.2	SR12	11/23/2018 21:06	24.50	72.6	5.04	8.0
SR12	11/23/2018 3:11	24.44	82.8	5.75	7.9	SR12	11/23/2018 9:11	24.51	72.6	5.04	9.4	SR12	11/23/2018 15:11	24.54	77.8	5.40	6.6	SR12	11/23/2018 21:11	24.50	72.5	5.03	9.1
SR12	11/23/2018 3:16	24.44	82.6	5.74	7.8	SR12	11/23/2018 9:16	24.51	72.1	5.01	9.5	SR12	11/23/2018 15:16	24.55	77.8	5.40	9.7	SR12	11/23/2018 21:16	24.50	72.1	5.01	9.1
SR12	11/23/2018 3:21	24.43	83.1	5.77	8.3	SR12	11/23/2018 9:21	24.50	74.3	5.16	9.7	SR12	11/23/2018 15:21	24.55	76.7	5.32	8.4	SR12	11/23/2018 21:21	24.50	72.6	5.04	7.4
SR12	11/23/2018 3:26	24.43	82.6	5.74	8.5	SR12	11/23/2018 9:26	24.50	73.8	5.12	7.4	SR12	11/23/2018 15:26	24.55	75.6	5.24	7.8	SR12	11/23/2018 21:26	24.50	72.7	5.05	7.7
SR12	11/23/2018 3:31	24.43	82.6	5.74	8.0	SR12	11/23/2018 9:31	24.50	72.7	5.05	8.3	SR12	11/23/2018 15:31	24.55	76.2	5.29	8.7	SR12	11/23/2018 21:31	24.49	73.1	5.07	8.4
SR12	11/23/2018 3:36	24.40	82.7	5.75	8.2	SR12	11/23/2018 9:36	24.50	72.6	5.04	9.5	SR12	11/23/2018 15:36	24.54	76.0	5.27	8.9	SR12	11/23/2018 21:36	24.49	72.6	5.04	7.5
SR12	11/23/2018 3:41	24.42	82.7	5.75	9.6	SR12	11/23/2018 9:41	24.50	73.1	5.08	8.0	SR12	11/23/2018 15:41	24.54	75.5	5.24	8.0	SR12	11/23/2018 21:41	24.49	73.5	5.11	7.5
SR12	11/23/2018 3:46	24.43	81.0	5.63	9.1	SR12	11/23/2018 9:46	24.50	73.0	5.07	7.9	SR12	11/23/2018 15:46	24.53	77.1	5.35	2.1	SR12	11/23/2018 21:46	24.48	73.6	5.11	8.5
SR12	11/23/2018 3:51	24.40	81.8	5.69	7.7	SR12	11/23/2018 9:51	24.50	73.5	5.10	7.4	SR12	11/23/2018 15:51	24.54	76.9	5.34	8.8	SR12	11/23/2018 21:51	24.48	73.9	5.13	9.6
SR12	11/23/2018 3:56	24.42	81.8	5.69	8.2	SR12	11/23/2018 9:56	24.49	75.5	5.24	9.5	SR12	11/23/2018 15:56	24.54	76.2	5.29	8.7	SR12	11/23/2018 21:56	24.48	73.9	5.13	9.5
SR12	11/23/2018 4:01	24.39	82.5	5.74	9.1	SR12	11/23/2018 10:01	24.49	74.1	5.15	9.6	SR12	11/23/2018 16:01	24.54	76.8	5.33	9.1	SR12	11/23/2018 22:01	24.48	74.2	5.15	9.3
SR12	11/23/2018 4:06	24.41	82.8	5.76	8.3	SR12	11/23/2018 10:06	24.51	72.7	5.04	9.6	SR12	11/23/2018 16:06	24.54	76.9	5.33	7.6	SR12	11/23/2018 22:06	24.48	72.8	5.06	8.0
SR12	11/23/2018 4:11	24.41	82.9	5.77	8.7	SR12	11/23/2018 10:11	24.52	71.6	4.97	9.2	SR12	11/23/2018 16:11	24.54	77.2	5.36	8.2	SR12	11/23/2018 22:11	24.47	74.0	5.14	9.2
SR12	11/23/2018 4:16	24.40	81.4	5.67	8.9	SR12	11/23/2018 10:16	24.53	72.3	5.02	9.1	SR12	11/23/2018 16:16	24.54	77.0	5.35	7.9	SR12	11/23/2018 22:16	24.44	75.9	5.27	8.4
SR12	11/23/2018 4:21	24.41	79.9	5.56	9.1	SR12	11/23/2018 10:21	24.54	72.3	5.02	7.9	SR12	11/23/2018 16:21	24.53	76.6	5.32	9.0	SR12	11/23/2018 22:21	24.44	75.6	5.25	9.0
SR12	11/23/2018 4:26	24.39	81.7	5.69	8.0	SR12	11/23/2018 10:26	24.55	72.6	5.04	5.2	SR12	11/23/2018 16:26	24.54	77.0	5.35	8.8	SR12	11/23/2018 22:26	24.45	75.0	5.21	9.7
SR12	11/23/2018 4:31	24.40	81.6	5.68	8.5	SR12	11/23/2018 10:31	24.54	72.9	5.06	9.7	SR12	11/23/2018 16:31	24.54	76.5	5.31	8.0	SR12	11/23/2018 22:31	24.47	75.0	5.21	8.6
SR12	11/23/2018 4:36	24.38	81.0	5.64	8.1	SR12	11/23/2018 10:36	24.53	72.4	5.03	7.4	SR12	11/23/2018 16:36	24.55	76.8	5.33	8.2	SR12	11/23/2018 22:36	24.46	73.9	5.14	9.2
SR12	11/23/2018 4:41	24.40	80.1	5.58	9.7	SR12	11/23/2018 10:41	24.53	72.0	5.00	9.0	SR12	11/23/2018 16:41	24.55	76.4	5.30	9.5	SR12	11/23/2018 22:41	24.47	73.8	5.12	9.0
SR12	11/23/2018 4:46	24.40	80.4	5.60	7.7	SR12	11/23/2018 10:46	24.56	72.3	5.02	8.5	SR12	11/23/2018 16:46	24.54	77.0	5.35	9.0	SR12	11/23/2018 22:46	24.46	73.2	5.09	8.0
SR12	11/23/2018 4:51	24.41	80.5	5.60	8.5	SR12	11/23/2018 10:51	24.54	72.3	5.02	8.9	SR12	11/23/2018 16:51	24.55	76.0	5.27	8.6	SR12	11/23/2018 22:51	24.43	74.7	5.20	9.7
SR12	11/23/2018 4:56	24.42	80.5	5.60	8.9	SR12	11/23/2018 10:56	24.54	72.3	5.02	7.6	SR12	11/23/2018 16:56	24.54	76.2	5.28	8.2	SR12	11/23/2018 22:56	24.45	74.3	5.16	7.9
SR12	11/23/2018 5:01	24.44	78.8	5.48	9.6	SR12	11/23/2018 11:01	24.54	71.7	4.98	8.4	SR12	11/23/2018 17:01	24.54	76.3	5.29	9.4	SR12	11/23/2018 23:01	24.45	74.3	5.16	7.6
SR12	11/23/2018 5:06	24.44	78.0	5.42	9.0	SR12	11/23/2018 11:06	24.54	72.6	5.04	9.7	SR12	11/23/2018 17:06	24.54	76.0	5.28	9.5	SR12	11/23/2018 23:06	24.46	74.0	5.14	9.7
SR12	11/23/2018 5:11	24.45	77.3	5.38	9.5	SR12	11/23/2018 11:11	24.54	72.4	5.03	9.6	SR12	11/23/2018 17:11	24.54	75.6	5.24	9.5	SR12	11/23/2018 23:11	24.45	73.5	5.11	8.2
SR12	11/23/2018 5:16	24.48	75.9	5.28	9.7	SR12	11/23/2018 11:16	24.55	74.8	5.19	7.7	SR12	11/23/2018 17:16	24.54	75.7	5.25	9.3	SR12	11/23/2018 23:16	24.45	73.3	5.10	7.4
SR12	11/23/2018 5:21	24.50	74.9	5.20	7.9	SR12	11/23/2018 11:21	24.56	74.9	5.20	9.5	SR12	11/23/2018 17:21	24.54	75.5	5.24	9.4	SR12	11/23/2018 23:21	24.45	74.1	5.15	8.8
SR12	11/23/2018 5:26	24.50	75.6	5.26	8.8	SR12	11/23/2018 11:26	24.53	74.5	5.17	9.1	SR12	11/23/2018 17:26	24.54	75.6	5.25	8.0	SR12	11/23/2018 23:26	24.45	73.9	5.14	8.1
SR12	11/23/2018 5:31	24.50	75.3	5.23	9.3	SR12	11/23/2018 11:31	24.56	74.5	5.17	8.0	SR12	11/23/2018 17:31	24.54	75.7	5.25	8.6	SR12	11/23/2018 23:31	24.45	74.3	5.16	7.9
SR12	11/23/2018 5:36	24.51	74.5	5.18	8.8	SR12	11/23/2018 11:36	24.55	73.8	5.12	9.0	SR12	11/23/2018 17:36	24.54	75.5	5.23	7.7	SR12	11/23/2018 23:36	24.45	74.5	5.18	9.0
SR12	11/23/2018 5:41	24.52	74.9	5.20	9.6	SR12	11/23/2018 11:41	24.54	73.7	5.11	8.8	SR12	11/23/2018 17:41	24.54	75.1	5.21	9.3	SR12	11/23/2018 23:41	24.45	76.6	5.32	8.5
SR12	11/23/2018 5:46	24.52	74.2	5.16	9.6	SR12	11/23/2018 11:46	24.53	74.2	5.15	9.2	SR12	11/23/2018 17:46	24.54	74.8	5.19	9.5	SR12	11/23/2018 23:46	24.46	74.7	5.19	8.6
SR12	11/23/2018 5:51	24.51	73.5	5.11	9.7	SR12	11/23/2018 11:51	24.55	74.4	5.16	9.5	SR12	11/23/2018 17:51	24.54	74.7	5.19	9.5	SR12	11/23/2018 23:51	24.45	75.4	5.24	9.4
SR12	11/23/2018 5:56	24.52	73.4	5.10	7.5	SR12	11/23/2018 11:56	24.63	75.6	5.24	4.3	SR12	11/23/2018 17:56	24.54	74.2	5.15	7.7	SR12	11/23/2018 23:56	24.46	74.2	5.15	7.5

Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)	Station	Timestamp	Temp (°C)	DO (%)	DO (mg/L)	Tur (NTU)
SR13	11/23/2018 0:00	23.51	87.2	6.23	8.3	SR13	11/23/2018 6:00	23.83	81.8	5.80	7.1	SR13	11/23/2018 12:00	23.95	80.8	5.72	8.3	SR13	11/23/2018 18:00	23.83	80.5	5.69	5.9
SR13	11/23/2018 0:05	23.51	86.9	6.21	6.4	SR13	11/23/2018 6:05	23.82	81.9	5.80	8.3	SR13	11/23/2018 12:05	23.96	81.1	5.74	6.6	SR13	11/23/2018 18:05	23.82	80.8	5.72	7.1
SR13	11/23/2018 0:10	23.51	86.7	6.19	7.2	SR13	11/23/2018 6:10	23.83	81.6	5.78	6.5	SR13	11/23/2018 12:10	23.95	80.6	5.71	7.7	SR13	11/23/2018 18:10	23.82	80.8	5.72	7.9
SR13	11/23/2018 0:15	23.51	86.2	6.16	7.5	SR13	11/23/2018 6:15	23.83	81.7	5.78	7.2	SR13	11/23/2018 12:15	23.96	81.4	5.76	7.8	SR13	11/23/2018 18:15	23.83	80.2	5.68	6.3
SR13	11/23/2018 0:20	23.52	87.5	6.25	6.3	SR13	11/23/2018 6:20	23.82	81.2	5.75	5.8	SR13	11/23/2018 12:20	23.96	81.5	5.77	6.7	SR13	11/23/2018 18:20	23.82	79.2	5.60	6.8
SR13	11/23/2018 0:25	23.51	87.4	6.24	7.3	SR13	11/23/2018 6:25	23.83	81.1	5.74	9.3	SR13	11/23/2018 12:25	23.96	81.1	5.74	6.7	SR13	11/23/2018 18:25	23.83	81.1	5.74	6.9
SR13	11/23/2018 0:30	23.52	86.5	6.18	6.0	SR13	11/23/2018 6:30	23.83	80.4	5.70	6.3	SR13	11/23/2018 12:30	23.96	81.5	5.77	8.5	SR13	11/23/2018 18:30	23.82	80.2	5.68	6.0
SR13	11/23/2018 0:35	23.51	86.8	6.20	6.4	SR13	11/23/2018 6:35	23.82	81.5	5.77	8.1	SR13	11/23/2018 12:35	23.96	80.9	5.72	7.3	SR13	11/23/2018 18:35	23.81	80.2	5.68	7.8
SR13	11/23/2018 0:40	23.51	86.4	6.17	5.0	SR13	11/23/2018 6:40	23.82	80.6	5.71	6.3	SR13	11/23/2018 12:40	23.97	81.3	5.75	5.1	SR13	11/23/2018 18:40	23.83	80.6	5.70	6.5
SR13	11/23/2018 0:45	23.91	80.1	5.71	6.1	SR13	11/23/2018 6:45	23.83	81.5	5.77	6.1	SR13	11/23/2018 12:45	23.97	80.5	5.69	6.4	SR13	11/23/2018 18:45	23.82	80.9	5.73	5.0
SR13	11/23/2018 0:50	23.90	82.2	5.82	7.8	SR13	11/23/2018 6:50	23.81	81.2	5.75	5.9	SR13	11/23/2018 12:50	23.97	81.0	5.73	6.6	SR13	11/23/2018 18:50	23.81	80.1	5.67	6.1
SR13	11/23/2018 0:55	23.91	81.0	5.74	6.3	SR13	11/23/2018 6:55	23.82	81.7	5.78	8.5	SR13	11/23/2018 12:55	23.97	80.7	5.71	8.9	SR13	11/23/2018 18:55	23.82	80.2	5.67	7.0
SR13	11/23/2018 1:00	23.91	80.9	5.72	7.8	SR13	11/23/2018 7:00	23.84	81.0	5.73	8.3	SR13	11/23/2018 13:00	23.96	80.6	5.70	7.3	SR13	11/23/2018 19:00	23.82	80.1	5.67	5.1
SR13	11/23/2018 1:05	23.90	80.3	5.72	6.6	SR13	11/23/2018 7:05	23.85	81.7	5.78	6.6	SR13	11/23/2018 13:05	23.96	80.4	5.69	7.5	SR13	11/23/2018 19:05	23.82	80.3	5.68	8.8
SR13	11/23/2018 1:10	23.91	81.3	5.79	7.0	SR13	11/23/2018 7:10	23.83	80.9	5.73	11.2	SR13	11/23/2018 13:10	23.95	81.8	5.79	4.1	SR13	11/23/2018 19:10	23.82	80.0	5.66	6.9
SR13	11/23/2018 1:15	23.90	81.2	5.78	7.0	SR13	11/23/2018 7:15	23.82	80.8	5.72	9.0	SR13	11/23/2018 13:15	23.95	81.0	5.73	6.9	SR13	11/23/2018 19:15	23.81	80.2	5.68	5.9
SR13	11/23/2018 1:20	23.89	81.1	5.77	7.3	SR13	11/23/2018 7:20	23.82	82.0	5.81	5.9	SR13	11/23/2018 13:20	23.95	81.5	5.77	6.6	SR13	11/23/2018 19:20	23.79	81.0	5.73	6.2
SR13	11/23/2018 1:25	23.90	80.1	5.71	6.4	SR13	11/23/2018 7:25	23.83	81.4	5.77	6.4	SR13	11/23/2018 13:25	23.95	82.7	5.85	8.2	SR13	11/23/2018 19:25	23.81	78.9	5.58	6.4
SR13	11/23/2018 1:30	23.89	80.9	5.76	6.5	SR13	11/23/2018 7:30	23.83	80.4	5.70	7.9	SR13	11/23/2018 13:30	23.95	81.0	5.73	7.2	SR13	11/23/2018 19:30	23.81	79.6	5.63	6.1
SR13	11/23/2018 1:35	23.89	80.3	5.72	6.8	SR13	11/23/2018 7:35	23.84	81.5	5.77	7.3	SR13	11/23/2018 13:35	23.95	81.1	5.74	9.2	SR13	11/23/2018 19:35	23.80	79.6	5.63	5.8
SR13	11/23/2018 1:40	23.89	79.8	5.68	6.1	SR13	11/23/2018 7:40	23.84	81.4	5.76	8.1	SR13	11/23/2018 13:40	23.95	80.9	5.73	7.7	SR13	11/23/2018 19:40	23.80	81.2	5.75	6.2
SR13	11/23/2018 1:45	23.89	80.9	5.76	6.8	SR13	11/23/2018 7:45	23.82	81.0	5.74	8.1	SR13	11/23/2018 13:45	23.97	81.5	5.77	5.9	SR13	11/23/2018 19:45	23.80	80.2	5.67	6.9
SR13	11/23/2018 1:50	23.89	79.9	5.69	7.7	SR13	11/23/2018 7:50	23.82	80.5	5.70	7.8	SR13	11/23/2018 13:50	23.95	80.2	5.68	9.1	SR13	11/23/2018 19:50	23.80	80.1	5.67	5.4
SR13	11/23/2018 1:55	23.90	80.9	5.76	6.6	SR13	11/23/2018 7:55	23.85	80.3	5.69	7.9	SR13	11/23/2018 13:55	23.95	81.0	5.72	5.6	SR13	11/23/2018 19:55	23.79	79.2	5.61	8.6
SR13	11/23/2018 2:00	23.89	81.0	5.77	6.4	SR13	11/23/2018 8:00	23.83	81.6	5.78	6.6	SR13	11/23/2018 14:00	23.96	81.9	5.79	6.8	SR13	11/23/2018 20:00	23.80	80.0	5.67	5.6
SR13	11/23/2018 2:05	23.89	80.2	5.71	7.5	SR13	11/23/2018 8:05	23.83	80.0	5.67	6.9	SR13	11/23/2018 14:05	23.95	81.5	5.76	6.7	SR13	11/23/2018 20:05	23.79	79.7	5.64	6.0
SR13	11/23/2018 2:10	23.88	81.3	5.79	5.5	SR13	11/23/2018 8:10	23.83	80.8	5.72	6.4	SR13	11/23/2018 14:10	23.96	81.4	5.75	5.7	SR13	11/23/2018 20:10	23.79	80.0	5.66	7.3
SR13	11/23/2018 2:15	23.89	80.6	5.74	6.5	SR13	11/23/2018 8:15	23.82	82.1	5.82	8.3	SR13	11/23/2018 14:15	23.96	81.9	5.80	8.5	SR13	11/23/2018 20:15	23.79	80.6	5.71	6.7
SR13	11/23/2018 2:20	23.88	80.6	5.74	7.7	SR13	11/23/2018 8:20	23.83	81.0	5.74	6.8	SR13	11/23/2018 14:20	23.96	80.8	5.71	9.2	SR13	11/23/2018 20:20	23.80	80.1	5.67	7.0
SR13	11/23/2018 2:25	23.86	80.9	5.76	6.3	SR13	11/23/2018 8:25	23.83	81.8	5.79	5.8	SR13	11/23/2018 14:25	23.95	81.7	5.78	6.4	SR13	11/23/2018 20:25	23.79	78.7	5.58	6.4
SR13	11/23/2018 2:30	23.88	81.6	5.81	7.1	SR13	11/23/2018 8:30	23.84	80.3	5.68	5.5	SR13	11/23/2018 14:30	23.96	81.7	5.78	7.9	SR13	11/23/2018 20:30	23.81	79.6	5.64	9.0
SR13	11/23/2018 2:35	23.85	81.3	5.79	6.9	SR13	11/23/2018 8:35	23.83	79.8	5.65	7.9	SR13	11/23/2018 14:35	23.96	82.2	5.81	8.6	SR13	11/23/2018 20:35	23.80	79.2	5.61	6.7
SR13	11/23/2018 2:40	23.85	81.5	5.81	8.1	SR13	11/23/2018 8:40	23.82	81.3	5.76	6.8	SR13	11/23/2018 14:40	23.96	81.5	5.76	8.2	SR13	11/23/2018 20:40	23.79	78.8	5.58	7.4
SR13	11/23/2018 2:45	23.85	82.4	5.87	7.2	SR13	11/23/2018 8:45	23.83	81.2	5.75	6.0	SR13	11/23/2018 14:45	23.96	80.9	5.72	6.7	SR13	11/23/2018 20:45	23.80	79.4	5.62	5.8
SR13	11/23/2018 2:50	23.84	82.9	5.90	5.9	SR13	11/23/2018 8:50	23.83	80.4	5.70	8.6	SR13	11/23/2018 14:50	23.96	81.8	5.79	5.5	SR13	11/23/2018 20:50	23.80	80.4	5.69	6.8
SR13	11/23/2018 2:55	23.85	82.9	5.90	9.2	SR13	11/23/2018 8:55	23.83	80.6	5.70	6.6	SR13	11/23/2018 14:55	23.96	81.7	5.78	7.2	SR13	11/23/2018 20:55	23.80	78.8	5.58	6.0
SR13	11/23/2018 3:00	23.84	83.4	5.91	8.7	SR13	11/23/2018 9:00	23.81	81.2	5.75	9.0	SR13	11/23/2018 15:00	23.96	80.8	5.72	9.5	SR13	11/23/2018 21:00	23.79	79.4	5.62	7.5
SR13	11/23/2018 3:05	23.85	82.5	5.84	7.6	SR13	11/23/2018 9:05	23.82	80.8	5.72	8.5	SR13	11/23/2018 15:05	23.96	82.6	5.84	8.3	SR13	11/23/2018 21:05	23.80	79.7	5.64	5.7
SR13	11/23/2018 3:10	23.82	82.9	5.87	6.1	SR13	11/23/2018 9:10	23.90	79.8	5.65	9.5	SR13	11/23/2018 15:10	23.96	81.3	5.75	6.8	SR13	11/23/2018 21:10	23.79	79.3	5.62	5.6
SR13	11/23/2018 3:15	23.84	83.5	5.91	6.6	SR13	11/23/2018 9:15	23.90	80.3	5.69	8.3	SR13	11/23/2018 15:15	23.96	81.8	5.79	7.0	SR13	11/23/2018 21:15	23.79	79.8	5.65	8.4
SR13	11/23/2018 3:20	23.82	83.9	5.94	9.0	SR13	11/23/2018 9:20	23.89	80.6	5.71	6.3	SR13	11/23/2018 15:20	23.96	82.5	5.84	8.9	SR13	11/23/2018 21:20	23.78	80.2	5.68	7.1
SR13	11/23/2018 3:25	23.82	84.0	5.95	6.0	SR13	11/23/2018 9:25	23.90	80.1	5.67	8.9	SR13	11/23/2018 15:25	23.96	81.7	5.78	5.6	SR13	11/23/2018 21:25	23.79	80.2	5.67	7.6
SR13	11/23/2018 3:30	23.82	84.1	5.95	7.6	SR13	11/23/2018 9:30	23.90	81.1	5.75	8.4	SR13	11/23/2018 15:30	23.95	81.4	5.76	10.0	SR13	11/23/2018 21:30	23.79	80.2	5.68	7.5
SR13	11/23/2018 3:35	23.83	84.6	5.99	7.7	SR13	11/23/2018 9:35	23.91	80.6	5.71	5.9	SR13	11/23/2018 15:35	23.95	82.3	5.83	8.7	SR13	11/23/2018 21:35	23.80	80.1	5.67	7.6
SR13	11/23/2018 3:40	23.82	83.9	5.94	9.5	SR13	11/23/2018 9:40	23.91	80.9	5.72	12.1	SR13	11/23/2018 15:40	23.95	81.2	5.75	5.9	SR13	11/23/2018 21:40	23.78	79.8	5.65	4.9
SR13	11/23/2018 3:45	23.81	84.6	5.98	6.0	SR13	11/23/2018 9:45	23.92	80.7	5.72	6.3	SR13	11/23/2018 15:45	23.96	79.9	5.65	8.4	SR13	11/23/2018 21:45	23.79	79.6	5.63	7.8
SR13	11/23/2018 3:50	23.81	84.1	5.95	7.5	SR13	11/23/2018 9:50	23.91	81.9	5.80	5.6	SR13	11/23/2018 15:50	23.96	80.8	5.72	8.2	SR13	11/23/2018 21:50	23.80	78.3	5.54	7.5
SR13	11/23/2018 3:55	23.81	85.6	6.06	11.4	SR13	11/23/2018 9:55	23.92	81.2	5.75	7.1	SR13	11/23/2018 15:55	23.95	80.7	5.71	5.4	SR13	11/23/2018 21:55	23.80	79.1	5.60	6.1
SR13	11/23/2018 4:00	23.82	84.5	5.98	8.2	SR13	11/23/2018 10:00	23.92	79.8	5.65	8.0	SR13	11/23/2018 16:00	23.95	80.5	5.69	7.2	SR13	11/23/2018 22:00	23.80	79.2	5.61	6.9
SR13	11/23/2018 4:05	23.82	84.8	6.00	6.3	SR13	11/23/2018 10:05	23.92	81.6	5.78	7.3	SR13	11/23/2018 16:05	23.95	80.1	5.67	7.1	SR13	11/23/2018 22:05	23.80	79.5	5.63	7.0
SR13	11/23/2018 4:10	23.80	85.6	6.06	6.4	SR13	11/23/2018 10:10	23.92	81.1	5.74	6.1	SR13	11/23/2018 16:10	23.94	80.7	5.71	8.2	SR13	11/23/2018 22:10	23.78	79.6	5.64	7.8
SR13	11/23/2018 4:15	23.81	85.3	6.04	7.6	SR13	11/23/2018 10:15	23.92	79.7	5.64	9.1	SR13	11/23/2018 16:15	23.95	80.7	5.71	8.1	SR13	11/23/2018 22:15	23.78	78.8	5.58	7.9
SR13	11/23/2018 4:20	23.80	84.0	5.95	8.2	SR13	11/23/2018 10:20	23.93	80.3	5.68	6.6	SR13	11/23/2018 16:20	23.94	79.9	5.66	5.3	SR13	11/23/2018 22:20	23.79	79.5	5.63	7.0
SR13	11/23/2018 4:25	23.80	84.8	6.00	9.6	SR13	11/23/2018 10:25	23.92	81.3	5.76	5.6	SR13	11/23/2018 16:25	23.94	80.9	5.73	7.3	SR13	11/23/2018 22:25	23.79	79.5	5.63	7.6
SR13	11/23/2018 4:30	23.81	83.7	5.93	7.9	SR13	11/23/2018 10:30	23.91	80.2	5.68	7.3	SR13	11/23/2018 16:30	23.93	80.5	5.70	5.3	SR13	11/23/2018 22:30	23.77	79.2	5.61	6.4
SR13	11/23/2018 4:35	23.79	83.8	5.93	7.7	SR13	11/23/2018 10:35	23.92	81.0	5.73	7.4	SR13	11/23/2018 16:35	23.93	79.8	5.65	8.2	SR13	11/23/2018 22:35	23.77	79.1	5.60	7.5
SR13	11/23/2018 4:40	23.79	84.3	5.97	9.1	SR13	11/23/2018 10:40	23.92	80.9	5.73	9.2	SR13	11/23/2018 16:40	23.93	80.4	5.69	5.8	SR13	11/23/2018 22:40	23.78	80.4	5.69	7.5
SR13	11/23/2018 4:45	23.80	84.1	5.96	6.1	SR13	11/23/2018 10:45	23.92	80.1	5.67	5.6	SR13	11/23/2018 16:45	23.94	81.3	5.75	5.7	SR13	11/23/2018 22:45	23.77	80.3	5.69	6.5
SR13	11/23/2018 4:50	23.80	84.3	5.97	8.9	SR13	11/23/2018 10:50	23.93	79.5	5.63	7.9	SR13	11/23/2018 16:50	23.93	80.7	5.71	6.2	SR13	11/23/2018 22:50	23.76	80.4	5.70	5.1
SR13	11/23/2018 4:55	23.79	84.3	5.97	9.0	SR13	11/23/2018 10:55	23.93	79.8	5.65	7.7	SR13	11/23/2018 16:55	23.92	80.8	5.72	6.7	SR13	11/23/2018 22:55	23.77	80.5	5.70	8.1
SR13	11/23/2018 5:00	23.80	83.6	5.93	7.9	SR13	11/23/2018 11:00	23.93	80.1	5.67	7.7	SR13	11/23/2018 17:00	23.93	80.5	5.70	8.0	SR13	11/23/2018 23:00	23.74	80.9	5.73	7.2
SR13	11/23/2018 5:05	23.81	83.5	5.91	6.2	SR13	11/23/2018 11:05	23.94	80.2	5.68	5.5	SR13	11/23/2018 17:05	23.92	81.4	5.76	5.3	SR13	11/23/2018 23:05	23.75	80.4	5.69	7.2
SR13	11/23/2018 5:10	23.79	83.9	5.94	6.3	SR13	11/23/2018 11:10	23.94	80.0	5.66	5.0	SR13	11/23/2018 17:10	23.93	81.8	5.79	5.7	SR13	11/23/2018 23:10	23.76	80.5	5.70	7.1
SR13	11/23/2018 5:15	23.79	83.8	5.94	8.8	SR13	11/23/2018 11:15	23.94	80.2	5.68	8.2	SR13	11/23/2018 17:15	23.92	81.1	5.74	6.3	SR13	11/23/2018 23:15	23.77	80.3	5.69	5.7
SR13	11/23/2018 5:20	23.79	83.5	5.92	7.5	SR13	11/23/2018 11:20	23.94	80.4	5.70	6.9	SR13	11/23/2018 17:20	23.92	81.2	5.74	7.2	SR13	11/23/2018 23:20	23.76	80.3	5.69	6.3
SR13	11/23/2018 5:25	23.81	83.3	5.90	8.2	SR13	11/23/2018 11:25	23.94	80.4	5.69	6.5	SR13	11/23/2018 17:25	23.83	80.5	5.70	7.9	SR13	11/23/2018 23:25	23.77	80.6	5.70	7.2
SR13	11/23/2018 5:30	23.80	84.4	5.98	8.7	SR13	11/23/2018 11:30	23.95	80.3	5.68	7.3	SR13	11/23/2018 17:30	23.83	81.2	5.75	6.0	SR13	11/23/2018 23:30	23.75	80.0	5.67	7.8
SR13	11/23/2018 5:35	23.79	83.4	5.90	7.6	SR13	11/23/2018 11:35	23.94	80.5	5.70	8.2	SR13	11/23/2018 17:35	23.83	80.6	5.70	8.1	SR13	11/23/2018 23:35	23.75	79.1	5.61	6.4
SR13	11/23/2018 5:40	23.81	83.9	5.94	6.9	SR13	11/23/2018 11:40	23.94	79.9	5.66	7.4	SR13	11/23/2018 17:40	23.84	80.9	5.72	7.8	SR13	11/23/2018 23:40	23.75	79.1	5.60	7.1
SR13	11/23/2018 5:45	23.81	82.7	5.85	8.5	SR13	11/23/2018 11:45	23.95	80.5	5.70	8.1	SR13	11/23/2018 17:45	23.83	79.9	5.65	6.6	SR13	11/23/2018 23:45	23.76	80.0	5.67	5.9
SR13	11/23/2018 5:50	23.80	82.7	5.85	8.8	SR13	11/23/2018 11:50	23.94	80.7	5.71	6.0	SR13	11/23/2018 17:50	23.83	81.1	5.74	8.0	SR13	11/23/2018 23:50	23.75	79.3	5.62	8.3
SR13	11/23/2018 5:55	23.82	82.8	5.86	6.7	SR13	11/23/2018 11:55	23.94	80.1	5.67	7.0	SR13	11/23/2018 17:55	23.83	79.9	5.65	8.6	SR13	11/23/2018 23:55	23.75	80.1	5.67	6.1

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	11/23/2018 0:17	0.10				SR12	11/23/2018 0:17	0.09			
SR4	11/23/2018 0:37	0.10				SR12	11/23/2018 0:37	0.12			
SR4	11/23/2018 0:57	0.07				SR12	11/23/2018 0:57	0.08			
SR4	11/23/2018 1:17	0.09				SR12	11/23/2018 1:17	0.09			
SR4	11/23/2018 1:37	0.09				SR12	11/23/2018 1:37	0.11			
SR4	11/23/2018 1:57	0.08				SR12	11/23/2018 1:57	0.09			
SR4	11/23/2018 2:17	0.07				SR12	11/23/2018 2:17	0.09			
SR4	11/23/2018 2:37	0.09				SR12	11/23/2018 2:37	0.10			
SR4	11/23/2018 2:57	0.07				SR12	11/23/2018 2:57	0.10			
SR4	11/23/2018 3:17	0.09				SR12	11/23/2018 3:17	0.10			
SR4	11/23/2018 3:37	0.09				SR12	11/23/2018 3:37	0.08			
SR4	11/23/2018 3:57	0.10				SR12	11/23/2018 3:57	0.07			
SR4	11/23/2018 4:17	0.10				SR12	11/23/2018 4:17	0.10			
SR4	11/23/2018 4:37	0.10				SR12	11/23/2018 4:37	0.09			
SR4	11/23/2018 4:57	0.09				SR12	11/23/2018 4:57	0.08			
SR4	11/23/2018 5:17	0.07				SR12	11/23/2018 5:17	0.08			
SR4	11/23/2018 5:37	0.09				SR12	11/23/2018 5:37	0.11			
SR4	11/23/2018 5:57	0.09				SR12	11/23/2018 5:57	0.09			
SR4						SR12					
SR4	11/23/2018 6:37	0.10				SR12	11/23/2018 6:37	0.10			
SR4	11/23/2018 6:57	0.10				SR12	11/23/2018 6:57	0.07			
SR4	11/23/2018 7:17	0.10				SR12	11/23/2018 7:17	0.08			
SR4	11/23/2018 7:37	0.10				SR12	11/23/2018 7:37	0.09			
SR4	11/23/2018 7:57	0.08				SR12	11/23/2018 7:57	0.05			
SR4	11/23/2018 8:17	0.09				SR12	11/23/2018 8:17	0.09			
SR4	11/23/2018 8:37	0.08				SR12	11/23/2018 8:37	0.06			
SR4	11/23/2018 8:57	0.07				SR12	11/23/2018 8:57	0.06			
SR4	11/23/2018 9:17	0.07				SR12	11/23/2018 9:17	0.07			
SR4	11/23/2018 9:37	0.09				SR12	11/23/2018 9:37	0.08			
SR4	11/23/2018 9:57	0.09				SR12	11/23/2018 9:57	0.09			
SR4	11/23/2018 10:17	0.08				SR12	11/23/2018 10:17	0.09			
SR4	11/23/2018 10:37	0.08				SR12	11/23/2018 10:37	0.10			
SR4	11/23/2018 10:57	0.07				SR12	11/23/2018 10:57	0.06			
SR4	11/23/2018 11:17	0.08				SR12	11/23/2018 11:17	0.06			
SR4	11/23/2018 11:37	0.09				SR12	11/23/2018 11:37	0.06			
SR4	11/23/2018 11:57	0.07				SR12	11/23/2018 11:57	0.08			
SR4	11/23/2018 12:17	0.08				SR12	11/23/2018 12:17	0.07			
SR4	11/23/2018 12:37	0.08				SR12	11/23/2018 12:37	0.05			
SR4	11/23/2018 12:57	0.08				SR12	11/23/2018 12:57	0.07			
SR4	11/23/2018 13:17	0.09				SR12	11/23/2018 13:17	0.11			
SR4	11/23/2018 13:37	0.10				SR12	11/23/2018 13:37	0.09			
SR4	11/23/2018 13:57	0.07				SR12	11/23/2018 13:57	0.09			
SR4	11/23/2018 14:17	0.07				SR12	11/23/2018 14:17	0.10			
SR4	11/23/2018 14:37	0.08				SR12	11/23/2018 14:37	0.09			
SR4	11/23/2018 14:57	0.08				SR12	11/23/2018 14:57	0.09			
SR4	11/23/2018 15:17	0.07				SR12	11/23/2018 15:17	0.10			
SR4	11/23/2018 15:37	0.08				SR12	11/23/2018 15:37	0.08			
SR4	11/23/2018 15:57	0.10				SR12	11/23/2018 15:57	0.08			
SR4	11/23/2018 16:17	0.08				SR12	11/23/2018 16:17	0.11			
SR4	11/23/2018 16:37	0.07				SR12	11/23/2018 16:37	0.07			
SR4	11/23/2018 16:57	0.08				SR12	11/23/2018 16:57	0.10			
SR4	11/23/2018 17:17	0.10				SR12	11/23/2018 17:17	0.07			
SR4	11/23/2018 17:37	0.07				SR12	11/23/2018 17:37	0.05			
SR4	11/23/2018 17:57	0.07				SR12	11/23/2018 17:57	0.10			
SR4	11/23/2018 18:17	0.10				SR12	11/23/2018 18:17	0.07			
SR4	11/23/2018 18:37	0.09				SR12	11/23/2018 18:37	0.06			
SR4	11/23/2018 18:57	0.09				SR12	11/23/2018 18:57	0.06			
SR4	11/23/2018 19:17	0.08				SR12	11/23/2018 19:17	0.09			
SR4	11/23/2018 19:37	0.10				SR12	11/23/2018 19:37	0.10			
SR4	11/23/2018 19:57	0.07				SR12	11/23/2018 19:57	0.07			
SR4	11/23/2018 20:17	0.10				SR12	11/23/2018 20:17	0.08			
SR4	11/23/2018 20:37	0.07				SR12	11/23/2018 20:37	0.10			
SR4	11/23/2018 20:57	0.09				SR12	11/23/2018 20:57	0.12			
SR4	11/23/2018 21:17	0.08				SR12	11/23/2018 21:17	0.10			
SR4	11/23/2018 21:37	0.07				SR12	11/23/2018 21:37	0.12			
SR4	11/23/2018 21:57	0.08				SR12	11/23/2018 21:57	0.08			
SR4	11/23/2018 22:17	0.08				SR12	11/23/2018 22:17	0.09			
SR4	11/23/2018 22:37	0.07				SR12	11/23/2018 22:37	0.12			
SR4	11/23/2018 22:57	0.07				SR12	11/23/2018 22:57	0.10			
SR4	11/23/2018 23:17	0.08				SR12	11/23/2018 23:17	0.09			
SR4	11/23/2018 23:37	0.08				SR12	11/23/2018 23:37	0.10			
SR4	11/23/2018 23:57	0.07				SR12	11/23/2018 23:57	0.08			

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

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	11/24/2018 0:01	23.67	71.6	5.02	1.7	SR4	11/24/2018 6:01	23.48	75.8	5.34	1.4	SR4	11/24/2018 12:01	23.58	75.4	5.31	5.1	SR4	11/24/2018 18:01	23.55	73.1	5.16	2.4
SR4	11/24/2018 0:06	23.67	71.2	5.00	3.5	SR4	11/24/2018 6:06	23.48	75.4	5.31	2.5	SR4	11/24/2018 12:06	23.63	71.4	5.03	3.4	SR4	11/24/2018 18:06	23.56	73.4	5.18	3.7
SR4	11/24/2018 0:11	23.67	71.7	5.03	2.0	SR4	11/24/2018 6:11	23.47	77.1	5.44	3.5	SR4	11/24/2018 12:11	23.58	74.7	5.27	1.5	SR4	11/24/2018 18:11	23.52	75.0	5.30	2.2
SR4	11/24/2018 0:16	23.67	70.8	4.98	1.7	SR4	11/24/2018 6:16	23.42	74.6	5.26	4.9	SR4	11/24/2018 12:16	23.60	73.4	5.18	3.0	SR4	11/24/2018 18:16	23.52	75.5	5.34	2.5
SR4	11/24/2018 0:21	23.67	70.3	4.94	2.3	SR4	11/24/2018 6:21	23.45	72.8	5.13	2.4	SR4	11/24/2018 12:21	23.58	74.1	5.23	3.1	SR4	11/24/2018 18:21	23.52	77.1	5.45	1.2
SR4	11/24/2018 0:26	23.67	71.2	5.01	1.1	SR4	11/24/2018 6:26	23.44	71.7	5.06	1.4	SR4	11/24/2018 12:26	23.58	77.3	5.45	1.1	SR4	11/24/2018 18:26	23.51	78.6	5.56	3.9
SR4	11/24/2018 0:31	23.67	70.8	4.97	2.1	SR4	11/24/2018 6:31	23.48	73.7	5.19	1.2	SR4	11/24/2018 12:31	23.58	76.0	5.36	3.4	SR4	11/24/2018 18:31	23.50	77.5	5.48	1.5
SR4	11/24/2018 0:36	23.68	69.9	4.91	3.8	SR4	11/24/2018 6:36	23.46	72.7	5.12	1.9	SR4	11/24/2018 12:36	23.63	71.0	5.00	4.3	SR4	11/24/2018 18:36	23.49	75.3	5.32	2.9
SR4	11/24/2018 0:41	23.66	70.7	4.97	1.6	SR4	11/24/2018 6:41	23.47	72.9	5.14	5.2	SR4	11/24/2018 12:41	23.66	68.8	4.85	2.6	SR4	11/24/2018 18:41	23.50	77.9	5.51	3.2
SR4	11/24/2018 0:46	23.66	69.5	4.88	5.4	SR4	11/24/2018 6:46	23.49	73.9	5.21	3.5	SR4	11/24/2018 12:46	23.69	68.6	4.82	4.0	SR4	11/24/2018 18:46	23.49	77.5	5.48	1.5
SR4	11/24/2018 0:51	23.65	65.3	4.59	3.5	SR4	11/24/2018 6:51	23.49	75.4	5.32	1.2	SR4	11/24/2018 12:51	23.66	71.2	5.01	4.4	SR4	11/24/2018 18:51	23.49	76.7	5.42	1.3
SR4	11/24/2018 0:56	23.65	68.8	4.84	4.4	SR4	11/24/2018 6:56	23.49	75.2	5.30	1.0	SR4	11/24/2018 12:56	23.67	72.0	5.07	4.7	SR4	11/24/2018 18:56	23.49	77.3	5.46	1.4
SR4	11/24/2018 1:01	23.67	69.7	4.90	2.6	SR4	11/24/2018 7:01	23.47	77.3	5.45	4.0	SR4	11/24/2018 13:01	23.62	75.6	5.33	2.5	SR4	11/24/2018 19:01	23.49	77.5	5.48	2.5
SR4	11/24/2018 1:06	23.67	68.6	4.82	4.5	SR4	11/24/2018 7:06	23.45	78.3	5.53	1.2	SR4	11/24/2018 13:06	23.63	74.9	5.28	3.7	SR4	11/24/2018 19:06	23.49	76.8	5.43	1.7
SR4	11/24/2018 1:11	23.67	60.4	4.24	3.6	SR4	11/24/2018 7:11	23.44	78.4	5.53	3.1	SR4	11/24/2018 13:11	23.62	75.2	5.30	3.2	SR4	11/24/2018 19:11	23.50	76.9	5.44	1.8
SR4	11/24/2018 1:16	23.67	65.1	4.57	1.2	SR4	11/24/2018 7:16	23.46	76.8	5.42	1.1	SR4	11/24/2018 13:16	23.61	76.8	5.42	1.0	SR4	11/24/2018 19:16	23.49	76.3	5.39	1.8
SR4	11/24/2018 1:21	23.75	59.2	4.15	2.8	SR4	11/24/2018 7:21	23.45	77.9	5.50	2.7	SR4	11/24/2018 13:21	23.63	76.0	5.35	4.7	SR4	11/24/2018 19:21	23.49	77.5	5.47	1.3
SR4	11/24/2018 1:26	23.73	61.2	4.30	5.2	SR4	11/24/2018 7:26	23.44	77.7	5.48	2.5	SR4	11/24/2018 13:26	23.71	73.1	5.15	3.9	SR4	11/24/2018 19:26	23.49	75.1	5.31	3.8
SR4	11/24/2018 1:31	23.71	57.0	4.00	2.2	SR4	11/24/2018 7:31	23.43	78.2	5.52	2.3	SR4	11/24/2018 13:31	23.63	74.3	5.23	2.1	SR4	11/24/2018 19:31	23.49	76.4	5.40	1.7
SR4	11/24/2018 1:36	23.73	59.8	4.20	3.3	SR4	11/24/2018 7:36	23.45	77.8	5.49	4.4	SR4	11/24/2018 13:36	23.64	74.5	5.25	2.2	SR4	11/24/2018 19:36	23.49	76.0	5.37	2.2
SR4	11/24/2018 1:41	23.70	59.7	4.19	2.4	SR4	11/24/2018 7:41	23.43	77.4	5.46	1.4	SR4	11/24/2018 13:41	23.62	75.3	5.31	2.3	SR4	11/24/2018 19:41	23.49	77.1	5.45	1.9
SR4	11/24/2018 1:46	23.69	61.0	4.29	2.1	SR4	11/24/2018 7:46	23.44	77.8	5.49	2.4	SR4	11/24/2018 13:46	23.61	75.2	5.30	3.0	SR4	11/24/2018 19:46	23.49	76.9	5.43	2.0
SR4	11/24/2018 1:51	23.70	60.9	4.27	5.4	SR4	11/24/2018 7:51	23.43	79.5	5.61	2.2	SR4	11/24/2018 13:51	23.62	75.4	5.31	3.3	SR4	11/24/2018 19:51	23.50	76.4	5.40	2.5
SR4	11/24/2018 1:56	23.69	61.0	4.29	3.6	SR4	11/24/2018 7:56	23.44	78.8	5.56	1.9	SR4	11/24/2018 13:56	23.63	75.2	5.29	3.9	SR4	11/24/2018 19:56	23.50	75.9	5.36	2.3
SR4	11/24/2018 2:01	23.68	61.7	4.34	1.3	SR4	11/24/2018 8:01	23.43	79.2	5.59	2.1	SR4	11/24/2018 14:01	23.61	77.1	5.44	1.3	SR4	11/24/2018 20:01	23.50	75.9	5.36	3.1
SR4	11/24/2018 2:06	23.68	61.9	4.35	1.9	SR4	11/24/2018 8:06	23.42	79.0	5.58	1.4	SR4	11/24/2018 14:06	23.61	76.2	5.37	2.6	SR4	11/24/2018 20:06	23.50	75.9	5.36	1.5
SR4	11/24/2018 2:11	23.69	63.6	4.47	1.2	SR4	11/24/2018 8:11	23.43	78.7	5.56	1.2	SR4	11/24/2018 14:11	23.65	72.8	5.13	3.1	SR4	11/24/2018 20:11	23.50	75.8	5.35	2.5
SR4	11/24/2018 2:16	23.68	66.5	4.67	1.4	SR4	11/24/2018 8:16	23.41	78.3	5.53	1.2	SR4	11/24/2018 14:16	23.71	66.2	4.66	1.4	SR4	11/24/2018 20:16	23.50	75.5	5.33	3.6
SR4	11/24/2018 2:21	23.70	67.2	4.72	4.8	SR4	11/24/2018 8:21	23.42	78.4	5.54	1.1	SR4	11/24/2018 14:21	23.66	70.6	4.97	1.3	SR4	11/24/2018 20:21	23.50	75.7	5.35	1.6
SR4	11/24/2018 2:26	23.68	66.7	4.69	4.3	SR4	11/24/2018 8:26	23.42	78.6	5.55	2.5	SR4	11/24/2018 14:26	23.70	68.3	4.80	4.7	SR4	11/24/2018 20:26	23.50	74.2	5.24	1.5
SR4	11/24/2018 2:31	23.69	68.9	4.84	1.1	SR4	11/24/2018 8:31	23.44	78.3	5.52	1.2	SR4	11/24/2018 14:31	23.67	69.8	4.91	1.4	SR4	11/24/2018 20:31	23.49	75.2	5.31	2.8
SR4	11/24/2018 2:36	23.66	70.1	4.92	2.1	SR4	11/24/2018 8:36	23.45	78.5	5.54	1.1	SR4	11/24/2018 14:36	23.59	74.9	5.28	2.4	SR4	11/24/2018 20:36	23.50	74.7	5.28	1.2
SR4	11/24/2018 2:41	23.67	70.7	4.97	5.0	SR4	11/24/2018 8:41	23.46	78.5	5.54	1.4	SR4	11/24/2018 14:41	23.59	74.7	5.27	3.5	SR4	11/24/2018 20:41	23.50	74.4	5.26	4.0
SR4	11/24/2018 2:46	23.62	72.9	5.12	2.3	SR4	11/24/2018 8:46	23.47	79.0	5.57	2.5	SR4	11/24/2018 14:46	23.62	74.8	5.27	4.3	SR4	11/24/2018 20:46	23.50	74.3	5.25	3.8
SR4	11/24/2018 2:51	23.63	72.0	5.06	3.6	SR4	11/24/2018 8:51	23.49	79.2	5.59	4.4	SR4	11/24/2018 14:51	23.62	74.4	5.25	1.2	SR4	11/24/2018 20:51	23.49	75.1	5.31	1.5
SR4	11/24/2018 2:56	23.62	72.8	5.12	1.8	SR4	11/24/2018 8:56	23.51	79.2	5.59	3.1	SR4	11/24/2018 14:56	23.61	73.3	5.17	5.1	SR4	11/24/2018 20:56	23.49	74.1	5.24	5.3
SR4	11/24/2018 3:01	23.59	73.9	5.20	2.5	SR4	11/24/2018 9:01	23.51	80.7	5.69	5.1	SR4	11/24/2018 15:01	23.56	72.1	5.09	3.4	SR4	11/24/2018 21:01	23.49	74.6	5.27	1.5
SR4	11/24/2018 3:06	23.62	73.6	5.18	1.0	SR4	11/24/2018 9:06	23.50	78.8	5.55	1.2	SR4	11/24/2018 15:06	23.61	72.3	5.10	1.9	SR4	11/24/2018 21:06	23.48	74.7	5.28	5.0
SR4	11/24/2018 3:11	23.58	74.0	5.21	3.5	SR4	11/24/2018 9:11	23.50	78.9	5.56	1.3	SR4	11/24/2018 15:11	23.62	74.2	5.23	4.1	SR4	11/24/2018 21:11	23.49	74.2	5.24	1.7
SR4	11/24/2018 3:16	23.56	73.4	6.17	4.7	SR4	11/24/2018 9:16	23.51	78.9	5.56	2.2	SR4	11/24/2018 15:16	23.63	73.2	5.16	3.2	SR4	11/24/2018 21:16	23.48	74.5	5.26	2.0
SR4	11/24/2018 3:21	22.66	74.8	6.42	1.9	SR4	11/24/2018 9:21	23.51	77.6	5.47	1.9	SR4	11/24/2018 15:21	23.69	67.4	4.75	5.2	SR4	11/24/2018 21:21	23.44	76.1	5.38	4.5
SR4	11/24/2018 3:26	22.11	76.1	6.60	5.3	SR4	11/24/2018 9:26	23.52	78.5	5.53	4.0	SR4	11/24/2018 15:26	23.69	68.0	4.79	4.2	SR4	11/24/2018 21:26	23.47	74.9	5.30	4.0
SR4	11/24/2018 3:31	23.52	79.4	6.68	3.0	SR4	11/24/2018 9:31	23.54	78.5	5.53	3.5	SR4	11/24/2018 15:31	23.69	69.5	4.90	2.6	SR4	11/24/2018 21:31	23.46	76.6	5.41	2.2
SR4	11/24/2018 3:36	22.18	80.6	6.97	**28.6**	SR4	11/24/2018 9:36	23.55	79.2	5.58	3.8	SR4	11/24/2018 15:36	23.69	69.5	4.90	1.8	SR4	11/24/2018 21:36	23.47	74.8	5.29	4.5
SR4	11/24/2018 3:41	20.86	100.8	8.94	1.8	SR4	11/24/2018 9:41	23.55	78.5	5.53	1.4	SR4	11/24/2018 15:41	23.65	73.0	5.14	2.0	SR4	11/24/2018 21:41	23.48	75.1	5.31	1.4
SR4	11/24/2018 3:46	20.25	101.1	9.08	3.0	SR4	11/24/2018 9:46	23.53	77.5	5.46	1.1	SR4	11/24/2018 15:46	23.64	73.7	5.19	1.3	SR4	11/24/2018 21:46	23.48	75.4	5.33	2.6
SR4	11/24/2018 3:51	19.99	100.7	9.09	1.9	SR4	11/24/2018 9:51	23.54	78.0	5.50	5.2	SR4	11/24/2018 15:51	23.65	73.7	5.19	3.0	SR4	11/24/2018 21:51	23.47	74.8	5.29	1.2
SR4	11/24/2018 3:56	20.15	99.5	8.96	2.3	SR4	11/24/2018 9:56	23.54	78.3	5.51	1.3	SR4	11/24/2018 15:56	23.66	73.3	5.16	3.6	SR4	11/24/2018 21:56	23.47	75.4	5.33	1.7
SR4	11/24/2018 4:01	21.72	94.7	8.28	1.2	SR4	11/24/2018 10:01	23.55	78.2	5.51	1.1	SR4	11/24/2018 16:01	23.65	72.4	5.10	2.9	SR4	11/24/2018 22:01	23.47	75.3	5.32	2.6
SR4	11/24/2018 4:06	22.02	100.4	8.70	5.0	SR4	11/24/2018 10:06	23.57	77.9	5.49	1.2	SR4	11/24/2018 16:06	23.65	72.3	5.10	2.1	SR4	11/24/2018 22:06	23.47	74.4	5.26	5.0
SR4	11/24/2018 4:11	20.61	99.9	8.91	2.3	SR4	11/24/2018 10:11	23.56	77.7	5.47	3.2	SR4	11/24/2018 16:11	23.64	72.1	5.08	1.9	SR4	11/24/2018 22:11	23.47	73.7	5.21	5.0
SR4	11/24/2018 4:16	19.54	101.5	9.25	3.1	SR4	11/24/2018 10:16	23.58	77.0	5.42	2.5	SR4	11/24/2018 16:16	23.62	72.6	5.12	1.2	SR4	11/24/2018 22:16	23.48	74.7	5.28	3.8
SR4	11/24/2018 4:21	20.40	99.6	8.93	2.3	SR4	11/24/2018 10:21	23.56	78.0	5.49	1.2	SR4	11/24/2018 16:21	23.62	72.1	5.08	1.4	SR4	11/24/2018 22:21	23.49	74.7	5.28	5.4
SR4	11/24/2018 4:26	19.73	102.2	9.29	4.0	SR4	11/24/2018 10:26	23.57	77.9	5.49	4.6	SR4	11/24/2018 16:26	23.65	68.6	4.83	1.4	SR4	11/24/2018 22:26	23.48	74.3	5.25	1.8
SR4	11/24/2018 4:31	19.35	101.1	9.26	5.0	SR4	11/24/2018 10:31	23.57	78.0	5.49	1.2	SR4	11/24/2018 16:31	23.68	68.9	4.85	1.6	SR4	11/24/2018 22:31	23.49	74.4	5.26	1.6
SR4	11/24/2018 4:36	19.27	101.2	9.28	4.3	SR4	11/24/2018 10:36	23.58	77.9	5.49	1.0	SR4	11/24/2018 16:36	23.68	68.3	4.81	1.7	SR4	11/24/2018 22:36	23.48	74.8	5.29	1.3
SR4	11/24/2018 4:41	19.22	101.9	9.36	2.1	SR4	11/24/2018 10:41	23.58	77.5	5.46	1.4	SR4	11/24/2018 16:41	23.59	72.5	5.12	1.9	SR4	11/24/2018 22:41	23.48	75.1	5.31	1.2
SR4	11/24/2018 4:46	19.63	95.7	8.72	**13.9**	SR4	11/24/2018 10:46	23.59	76.8	5.41	1.7	SR4	11/24/2018 16:46	23.53	71.7	5.07	1.5	SR4	11/24/2018 22:46	23.48	75.6	5.35	4.9
SR4	11/24/2018 4:51	19.63	99.4	9.05	3.5	SR4	11/24/2018 10:51	23.59	76.4	5.38	1.6	SR4	11/24/2018 16:51	23.66	70.2	4.95	1.7	SR4	11/24/2018 22:51	23.48	75.1	5.31	1.4
SR4	11/24/2018 4:56	21.52	94.1	8.25	1.5	SR4	11/24/2018 10:56	23.58	76.5	5.39	1.6	SR4	11/24/2018 16:56	23.68	68.0	4.80	1.6	SR4	11/24/2018 22:56	23.48	73.9	5.22	3.6
SR4	11/24/2018 5:01	19.68	100.1	9.11	**22.3**	SR4	11/24/2018 11:01	23.58	76.4	5.38	2.9	SR4	11/24/2018 17:01	23.68	66.6	4.70	1.2	SR4	11/24/2018 23:01	23.48	74.9	5.29	3.3
SR4	11/24/2018 5:06	22.18	86.2	7.46	1.5	SR4	11/24/2018 11:06	23.58	75.7	5.33	4.2	SR4	11/24/2018 17:06	23.65	69.9	4.93	3.4	SR4	11/24/2018 23:06	23.47	74.7	5.28	1.0
SR4	11/24/2018 5:11	23.46	78.9	6.63	4.4	SR4	11/24/2018 11:11	23.58	75.5	5.32	3.4	SR4	11/24/2018 17:11	23.62	71.8	5.07	3.5	SR4	11/24/2018 23:11	23.47	73.6	5.20	5.2
SR4	11/24/2018 5:16	23.45	76.3	6.43	1.5	SR4	11/24/2018 11:16	23.58	75.5	5.32	2.4	SR4	11/24/2018 17:16	23.59	73.6	5.20	4.4	SR4	11/24/2018 23:16	23.47	72.2	5.10	2.0
SR4	11/24/2018 5:21	23.18	75.5	6.40	1.8	SR4	11/24/2018 11:21	23.62	71.9	5.06	5.4	SR4	11/24/2018 17:21	23.59	72.4	5.11	2.9	SR4	11/24/2018 23:21	23.48	70.1	4.96	2.0
SR4	11/24/2018 5:26	23.45	74.2	5.56	4.1	SR4	11/24/2018 11:26	23.57	74.3	5.24	2.0	SR4	11/24/2018 17:26	23.61	70.6	4.98	2.1	SR4	11/24/2018 23:26	23.48	72.7	5.14	1.4
SR4	11/24/2018 5:31	23.45	71.0	5.01	2.5	SR4	11/24/2018 11:31	23.56	75.7	5.34	1.3	SR4	11/24/2018 17:31	23.59	72.6	5.12	4.2	SR4	11/24/2018 23:31	23.48	72.4	5.12	2.9
SR4	11/24/2018 5:36	23.46	73.5	5.18	2.7	SR4	11/24/2018 11:36	23.57	75.4	5.31	1.4	SR4	11/24/2018 17:36	23.55	76.9	5.43	4.9	SR4	11/24/2018 23:36	23.47	73.4	5.19	2.6
SR4	11/24/2018 5:41	23.46	73.1	5.15	4.6	SR4	11/24/2018 11:41	23.61	73.8	5.20	4.7	SR4	11/24/2018 17:41	23.55	77.4	5.47	6.1	SR4	11/24/2018 23:41	23.46	73.6	5.20	4.6
SR4	11/24/2018 5:46	23.48	74.6	5.26	1.2	SR4	11/24/2018 11:46	23.59	74.6	5.25	2.2	SR4	11/24/2018 17:46	23.54	77.7	5.48	4.4	SR4	11/24/2018 23:46	23.45	74.7	5.28	2.5
SR4	11/24/2018 5:51	23.47	75.6	5.33	3.4	SR4	11/24/2018 11:51	23.59	75.7	5.33	2.8	SR4	11/24/2018 17:51	23.56	73.9	5.22	2.7	SR4	11/24/2018 23:51	23.44	74.7	5.28	3.2
SR4	11/24/2018 5:56	23.49	76.2	5.37	3.7	SR4	11/24/2018 11:56	23.58	76.3	5.38	5.1	SR4	11/24/2018 17:56	23.56	73.6	5.19	1.8	SR4	11/24/2018 23:56	23.44	74.9	5.30	3.7

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	11/24/2018 0:00	24.02	80.4	5.68	4.4	SR5	11/24/2018 6:00	23.93	80.1	5.67	4.2	SR5	11/24/2018 12:00	24.03	80.0	5.67	5.0	SR5	11/24/2018 18:00	23.61	81.0	5.74	4.6
SR5	11/24/2018 0:05	24.03	80.3	5.68	4.7	SR5	11/24/2018 6:05	23.97	83.5	5.91	4.6	SR5	11/24/2018 12:05	24.03	78.6	5.57	4.9	SR5	11/24/2018 18:05	23.60	78.4	5.55	6.1
SR5	11/24/2018 0:10	24.01	79.6	5.63	4.6	SR5	11/24/2018 6:10	23.96	81.8	5.79	4.3	SR5	11/24/2018 12:10	24.03	79.8	5.65	5.0	SR5	11/24/2018 18:10	23.63	81.5	5.77	4.8
SR5	11/24/2018 0:15	24.08	78.3	5.54	3.8	SR5	11/24/2018 6:15	23.94	78.9	5.58	4.9	SR5	11/24/2018 12:15	24.03	80.1	5.67	5.5	SR5	11/24/2018 18:15	23.57	81.5	5.77	4.0
SR5	11/24/2018 0:20	24.07	77.8	5.50	4.0	SR5	11/24/2018 6:20	23.94	79.8	5.65	5.2	SR5	11/24/2018 12:20	24.04	78.4	5.55	5.4	SR5	11/24/2018 18:20	23.63	78.3	5.55	4.0
SR5	11/24/2018 0:25	24.03	80.8	5.72	4.4	SR5	11/24/2018 6:25	23.95	80.3	5.69	5.1	SR5	11/24/2018 12:25	24.02	77.8	5.50	4.9	SR5	11/24/2018 18:25	23.57	79.3	5.62	5.5
SR5	11/24/2018 0:30	24.01	78.9	5.58	4.6	SR5	11/24/2018 6:30	23.94	79.4	5.62	4.2	SR5	11/24/2018 12:30	24.02	81.0	5.73	7.9	SR5	11/24/2018 18:30	23.59	81.5	5.77	4.0
SR5	11/24/2018 0:35	24.04	80.6	5.71	4.4	SR5	11/24/2018 6:35	23.96	77.8	5.50	5.3	SR5	11/24/2018 12:35	24.01	77.4	5.47	5.4	SR5	11/24/2018 18:35	23.58	79.0	5.60	4.0
SR5	11/24/2018 0:40	24.05	76.3	5.40	4.4	SR5	11/24/2018 6:40	23.97	81.7	5.78	5.3	SR5	11/24/2018 12:40	24.01	79.8	5.65	6.9	SR5	11/24/2018 18:40	23.59	78.5	5.56	5.3
SR5	11/24/2018 0:45	24.05	80.2	5.67	6.2	SR5	11/24/2018 6:45	23.92	82.3	5.83	5.2	SR5	11/24/2018 12:45	24.01	78.5	5.55	5.0	SR5	11/24/2018 18:45	23.63	79.8	5.65	3.9
SR5	11/24/2018 0:50	24.05	76.4	5.41	5.0	SR5	11/24/2018 6:50	23.98	83.1	5.89	4.5	SR5	11/24/2018 12:50	24.01	77.3	5.47	5.3	SR5	11/24/2018 18:50	23.63	78.7	5.57	4.3
SR5	11/24/2018 0:55	24.05	78.5	5.55	5.7	SR5	11/24/2018 6:55	23.95	82.7	5.86	4.0	SR5	11/24/2018 12:55	24.02	81.1	5.74	5.0	SR5	11/24/2018 18:55	23.56	81.5	5.77	4.7
SR5	11/24/2018 1:00	24.00	76.9	5.44	5.0	SR5	11/24/2018 7:00	23.94	79.2	5.60	4.9	SR5	11/24/2018 13:00	24.01	80.4	5.69	4.3	SR5	11/24/2018 19:00	23.57	78.9	5.59	4.9
SR5	11/24/2018 1:05	24.04	79.6	5.63	4.0	SR5	11/24/2018 7:05	23.91	80.2	5.68	4.5	SR5	11/24/2018 13:05	24.01	80.0	5.66	5.1	SR5	11/24/2018 19:05	23.57	80.4	5.69	5.0
SR5	11/24/2018 1:10	24.01	78.3	5.54	3.0	SR5	11/24/2018 7:10	23.96	81.4	5.76	4.2	SR5	11/24/2018 13:10	24.01	82.2	5.82	4.5	SR5	11/24/2018 19:10	23.62	80.4	5.70	4.9
SR5	11/24/2018 1:15	24.03	77.8	5.50	2.3	SR5	11/24/2018 7:15	23.97	82.6	5.85	**11.0**	SR5	11/24/2018 13:15	24.02	81.0	5.74	5.0	SR5	11/24/2018 19:15	23.63	81.4	5.77	4.8
SR5	11/24/2018 1:20	24.03	74.3	**5.25**	3.2	SR5	11/24/2018 7:20	23.92	78.7	5.57	4.3	SR5	11/24/2018 13:20	24.01	79.9	5.66	5.3	SR5	11/24/2018 19:20	23.59	78.7	5.57	5.0
SR5	11/24/2018 1:25	24.06	77.7	5.49	5.6	SR5	11/24/2018 7:25	23.96	80.4	5.70	4.4	SR5	11/24/2018 13:25	24.01	78.4	5.54	5.3	SR5	11/24/2018 19:25	23.57	78.1	5.53	5.3
SR5	11/24/2018 1:30	24.02	81.8	5.78	4.5	SR5	11/24/2018 7:30	23.97	80.2	5.68	4.2	SR5	11/24/2018 13:30	24.03	81.5	5.77	4.7	SR5	11/24/2018 19:30	23.58	80.7	5.72	4.2
SR5	11/24/2018 1:35	24.04	80.9	5.72	4.5	SR5	11/24/2018 7:35	23.91	79.3	5.61	6.0	SR5	11/24/2018 13:35	24.03	81.6	5.78	4.2	SR5	11/24/2018 19:35	23.60	77.6	5.50	4.7
SR5	11/24/2018 1:40	24.04	74.2	**5.25**	3.4	SR5	11/24/2018 7:40	23.93	80.8	5.72	4.6	SR5	11/24/2018 13:40	24.04	82.4	5.84	3.9	SR5	11/24/2018 19:40	23.62	81.4	5.76	4.7
SR5	11/24/2018 1:45	24.06	73.9	**5.22**	3.3	SR5	11/24/2018 7:45	23.94	80.7	5.71	4.7	SR5	11/24/2018 13:45	24.03	80.8	5.72	3.4	SR5	11/24/2018 19:45	23.59	78.4	5.55	4.2
SR5	11/24/2018 1:50	24.04	77.0	5.45	4.1	SR5	11/24/2018 7:50	23.93	81.2	5.75	4.1	SR5	11/24/2018 13:50	24.03	79.6	5.63	5.0	SR5	11/24/2018 19:50	23.63	79.2	5.61	5.1
SR5	11/24/2018 1:55	24.03	74.4	**5.26**	5.0	SR5	11/24/2018 7:55	23.95	80.2	5.68	4.5	SR5	11/24/2018 13:55	24.04	78.8	5.58	4.0	SR5	11/24/2018 19:55	23.58	80.9	5.73	4.6
SR5	11/24/2018 2:00	24.06	78.2	5.53	4.4	SR5	11/24/2018 8:00	23.92	82.1	5.81	4.4	SR5	11/24/2018 14:00	24.04	80.9	5.73	2.8	SR5	11/24/2018 20:00	23.63	80.6	5.71	5.6
SR5	11/24/2018 2:05	23.99	77.7	5.49	4.0	SR5	11/24/2018 8:05	23.97	78.8	5.58	3.9	SR5	11/24/2018 14:05	24.04	79.2	5.60	4.9	SR5	11/24/2018 20:05	23.59	76.7	5.43	5.3
SR5	11/24/2018 2:10	24.01	80.0	5.66	4.6	SR5	11/24/2018 8:10	23.94	82.0	5.81	4.4	SR5	11/24/2018 14:10	24.04	80.5	5.70	3.7	SR5	11/24/2018 20:10	23.64	78.2	5.53	4.7
SR5	11/24/2018 2:15	24.01	76.6	5.42	4.8	SR5	11/24/2018 8:15	23.94	79.0	5.59	4.3	SR5	11/24/2018 14:15	24.04	76.7	5.42	5.1	SR5	11/24/2018 20:15	23.64	78.4	5.55	5.5
SR5	11/24/2018 2:20	24.04	78.1	5.52	5.8	SR5	11/24/2018 8:20	23.93	78.3	5.54	4.8	SR5	11/24/2018 14:20	24.03	80.5	5.70	5.0	SR5	11/24/2018 20:20	23.59	77.1	5.47	4.7
SR5	11/24/2018 2:25	24.03	80.4	5.68	5.1	SR5	11/24/2018 8:25	23.93	82.7	5.86	4.3	SR5	11/24/2018 14:25	24.03	78.7	5.56	5.7	SR5	11/24/2018 20:25	23.57	79.7	5.64	4.5
SR5	11/24/2018 2:30	24.00	78.1	5.52	3.6	SR5	11/24/2018 8:30	23.92	81.1	5.74	4.8	SR5	11/24/2018 14:30	24.03	78.7	5.57	4.6	SR5	11/24/2018 20:30	23.63	78.8	5.58	4.6
SR5	11/24/2018 2:35	24.02	78.4	5.54	4.8	SR5	11/24/2018 8:35	23.95	81.0	5.73	4.6	SR5	11/24/2018 14:35	24.02	81.9	5.80	4.8	SR5	11/24/2018 20:35	23.58	78.6	5.57	4.0
SR5	11/24/2018 2:40	24.01	80.2	5.67	5.4	SR5	11/24/2018 8:40	23.99	82.8	5.86	4.3	SR5	11/24/2018 14:40	24.02	77.8	5.51	4.4	SR5	11/24/2018 20:40	23.61	81.3	5.76	5.4
SR5	11/24/2018 2:45	23.99	78.0	5.51	4.9	SR5	11/24/2018 8:45	23.98	78.8	5.58	5.3	SR5	11/24/2018 14:45	24.02	79.0	5.59	5.5	SR5	11/24/2018 20:45	23.57	80.8	5.72	5.0
SR5	11/24/2018 2:50	24.02	81.3	5.75	5.4	SR5	11/24/2018 8:50	23.99	78.7	5.57	4.9	SR5	11/24/2018 14:50	24.02	81.6	5.78	4.4	SR5	11/24/2018 20:50	23.60	77.6	5.49	3.9
SR5	11/24/2018 2:55	24.02	80.7	5.71	4.8	SR5	11/24/2018 8:55	24.01	80.2	5.68	4.2	SR5	11/24/2018 14:55	24.02	78.0	5.52	5.9	SR5	11/24/2018 20:55	23.56	78.4	5.55	5.2
SR5	11/24/2018 3:00	24.01	81.8	5.78	4.7	SR5	11/24/2018 9:00	24.02	78.6	5.56	5.7	SR5	11/24/2018 15:00	24.02	81.6	5.78	4.4	SR5	11/24/2018 21:00	23.57	80.9	5.73	3.9
SR5	11/24/2018 3:05	24.00	80.9	5.72	3.9	SR5	11/24/2018 9:05	24.02	78.6	5.57	4.1	SR5	11/24/2018 15:05	24.02	81.3	5.76	4.6	SR5	11/24/2018 21:05	23.63	81.1	5.75	4.4
SR5	11/24/2018 3:10	23.99	82.8	5.86	4.4	SR5	11/24/2018 9:10	24.03	80.8	5.72	3.7	SR5	11/24/2018 15:10	24.02	80.2	5.67	4.9	SR5	11/24/2018 21:10	23.57	79.4	5.62	5.1
SR5	11/24/2018 3:15	24.00	81.0	5.98	5.0	SR5	11/24/2018 9:15	24.04	81.0	5.73	4.9	SR5	11/24/2018 15:15	24.04	80.5	5.70	5.0	SR5	11/24/2018 21:15	23.56	76.5	5.42	4.6
SR5	11/24/2018 3:20	23.76	80.3	5.97	4.5	SR5	11/24/2018 9:20	24.04	78.6	5.57	3.1	SR5	11/24/2018 15:20	24.04	79.4	5.62	4.1	SR5	11/24/2018 21:20	23.58	81.8	5.79	4.7
SR5	11/24/2018 3:25	23.60	82.6	6.16	4.6	SR5	11/24/2018 9:25	24.05	79.9	5.66	4.4	SR5	11/24/2018 15:25	24.04	77.2	5.46	5.4	SR5	11/24/2018 21:25	23.61	78.3	5.55	5.6
SR5	11/24/2018 3:30	23.98	81.7	6.06	4.5	SR5	11/24/2018 9:30	24.06	79.0	5.59	5.6	SR5	11/24/2018 15:30	24.04	79.2	5.60	4.8	SR5	11/24/2018 21:30	23.57	78.4	5.56	5.2
SR5	11/24/2018 3:35	23.65	83.4	6.23	**11.4**	SR5	11/24/2018 9:35	24.08	81.0	5.74	4.6	SR5	11/24/2018 15:35	24.04	81.1	5.74	4.4	SR5	11/24/2018 21:35	23.57	77.7	5.50	4.5
SR5	11/24/2018 3:40	23.28	89.0	6.76	5.0	SR5	11/24/2018 9:40	24.09	82.1	5.81	4.0	SR5	11/24/2018 15:40	24.04	78.0	5.52	4.4	SR5	11/24/2018 21:40	23.60	81.4	5.77	4.6
SR5	11/24/2018 3:45	23.14	89.8	6.84	4.5	SR5	11/24/2018 9:45	24.10	79.6	5.64	4.0	SR5	11/24/2018 15:45	24.03	78.9	5.58	4.8	SR5	11/24/2018 21:45	23.55	77.6	5.49	5.2
SR5	11/24/2018 3:50	23.07	89.2	6.81	4.0	SR5	11/24/2018 9:50	24.11	82.3	5.83	4.5	SR5	11/24/2018 15:50	24.04	80.3	5.68	2.7	SR5	11/24/2018 21:50	23.57	79.6	5.64	3.9
SR5	11/24/2018 3:55	23.12	88.8	6.77	4.9	SR5	11/24/2018 9:55	24.11	81.2	5.75	4.4	SR5	11/24/2018 15:55	24.04	80.4	5.69	4.5	SR5	11/24/2018 21:55	23.59	80.6	5.71	4.6
SR5	11/24/2018 4:00	23.52	84.2	6.36	3.9	SR5	11/24/2018 10:00	24.12	80.5	5.70	4.0	SR5	11/24/2018 16:00	24.03	82.6	5.84	5.2	SR5	11/24/2018 22:00	23.59	79.8	5.66	4.7
SR5	11/24/2018 4:05	23.57	89.7	6.76	5.6	SR5	11/24/2018 10:05	24.13	78.6	5.56	4.6	SR5	11/24/2018 16:05	24.04	80.0	5.66	5.1	SR5	11/24/2018 22:05	23.55	79.2	5.61	4.7
SR5	11/24/2018 4:10	23.20	88.4	6.72	5.2	SR5	11/24/2018 10:10	24.14	80.3	5.69	4.7	SR5	11/24/2018 16:10	24.03	78.7	5.57	3.5	SR5	11/24/2018 22:10	23.58	78.8	5.58	4.6
SR5	11/24/2018 4:15	22.94	88.9	6.81	4.1	SR5	11/24/2018 10:15	24.15	80.3	5.68	5.2	SR5	11/24/2018 16:15	24.04	79.2	5.61	3.3	SR5	11/24/2018 22:15	23.58	79.1	5.60	4.5
SR5	11/24/2018 4:20	23.21	88.0	6.70	4.8	SR5	11/24/2018 10:20	24.15	80.6	5.70	4.5	SR5	11/24/2018 16:20	24.03	82.4	5.84	3.8	SR5	11/24/2018 22:20	23.58	80.2	5.68	3.8
SR5	11/24/2018 4:25	22.99	87.7	6.73	5.6	SR5	11/24/2018 10:25	24.16	80.5	5.70	5.9	SR5	11/24/2018 16:25	23.59	81.1	5.75	5.0	SR5	11/24/2018 22:25	23.60	77.6	5.50	4.1
SR5	11/24/2018 4:30	22.93	86.8	6.67	4.8	SR5	11/24/2018 10:30	24.18	79.7	5.64	4.5	SR5	11/24/2018 16:30	23.67	77.9	5.51	4.1	SR5	11/24/2018 22:30	23.61	81.4	5.77	4.4
SR5	11/24/2018 4:35	22.86	87.2	6.71	5.5	SR5	11/24/2018 10:35	24.18	78.4	5.55	4.8	SR5	11/24/2018 16:35	23.63	80.6	5.70	4.5	SR5	11/24/2018 22:35	23.60	81.7	5.79	4.4
SR5	11/24/2018 4:40	22.91	89.0	6.84	4.4	SR5	11/24/2018 10:40	24.19	79.4	5.62	4.0	SR5	11/24/2018 16:40	23.61	79.6	5.64	3.8	SR5	11/24/2018 22:40	23.56	81.7	5.79	4.2
SR5	11/24/2018 4:45	22.99	84.7	6.49	7.8	SR5	11/24/2018 10:45	24.20	79.0	5.59	4.5	SR5	11/24/2018 16:45	23.61	80.4	5.69	3.8	SR5	11/24/2018 22:45	23.61	79.5	5.63	5.6
SR5	11/24/2018 4:50	23.00	87.1	6.67	5.2	SR5	11/24/2018 10:50	24.20	80.1	5.67	4.7	SR5	11/24/2018 16:50	23.61	81.9	5.80	4.2	SR5	11/24/2018 22:50	23.58	78.0	5.52	3.6
SR5	11/24/2018 4:55	23.45	87.7	6.61	4.1	SR5	11/24/2018 10:55	24.20	82.0	5.81	4.2	SR5	11/24/2018 16:55	23.65	78.6	5.57	3.7	SR5	11/24/2018 22:55	23.58	77.9	5.51	5.0
SR5	11/24/2018 5:00	22.98	86.6	6.64	**10.4**	SR5	11/24/2018 11:00	24.19	81.8	5.79	4.6	SR5	11/24/2018 17:00	23.60	78.5	5.56	3.8	SR5	11/24/2018 23:00	23.57	81.3	5.76	4.6
SR5	11/24/2018 5:05	23.65	84.1	6.30	4.4	SR5	11/24/2018 11:05	24.19	79.9	5.66	5.3	SR5	11/24/2018 17:05	23.60	79.7	5.64	5.1	SR5	11/24/2018 23:05	23.57	79.1	5.60	4.2
SR5	11/24/2018 5:10	23.96	83.2	6.16	5.9	SR5	11/24/2018 11:10	24.18	78.2	5.54	4.2	SR5	11/24/2018 17:10	23.59	78.5	5.56	4.9	SR5	11/24/2018 23:10	23.57	79.0	5.60	3.5
SR5	11/24/2018 5:15	23.90	83.0	6.14	4.4	SR5	11/24/2018 11:15	24.19	80.1	5.67	4.8	SR5	11/24/2018 17:15	23.61	79.3	5.62	4.8	SR5	11/24/2018 23:15	23.54	79.7	5.64	4.8
SR5	11/24/2018 5:20	23.88	80.3	5.95	4.2	SR5	11/24/2018 11:20	24.18	80.8	5.72	5.2	SR5	11/24/2018 17:20	23.60	81.2	5.75	5.2	SR5	11/24/2018 23:20	23.60	76.2	5.40	5.2
SR5	11/24/2018 5:25	23.94	80.2	5.76	4.4	SR5	11/24/2018 11:25	24.17	79.4	5.62	4.5	SR5	11/24/2018 17:25	23.65	78.2	5.54	3.7	SR5	11/24/2018 23:25	23.55	77.3	5.48	5.2
SR5	11/24/2018 5:30	23.91	79.9	5.65	3.9	SR5	11/24/2018 11:30	24.16	79.8	5.65	3.7	SR5	11/24/2018 17:30	23.60	77.5	5.48	4.0	SR5	11/24/2018 23:30	23.61	78.0	5.53	4.8
SR5	11/24/2018 5:35	23.92	81.6	5.77	4.4	SR5	11/24/2018 11:35	24.16	79.4	5.62	4.6	SR5	11/24/2018 17:35	23.60	82.7	5.85	5.3	SR5	11/24/2018 23:35	23.55	81.1	5.75	5.2
SR5	11/24/2018 5:40	23.92	80.8	5.72	4.9	SR5	11/24/2018 11:40	24.20	79.7	5.64	4.5	SR5	11/24/2018 17:40	23.64	78.5	5.55	5.3	SR5	11/24/2018 23:40	23.59	79.8	5.66	5.6
SR5	11/24/2018 5:45	23.98	81.9	5.80	4.2	SR5	11/24/2018 11:45	21.67	81.4	5.76	3.9	SR5	11/24/2018 17:45	23.63	82.8	5.86	4.5	SR5	11/24/2018 23:45	23.57	79.5	5.63	4.9
SR5	11/24/2018 5:50	23.95	80.1	5.67	5.1	SR5	11/24/2018 11:50	19.81	79.8	5.65	4.4	SR5	11/24/2018 17:50	23.64	79.5	5.63	5.4	SR5	11/24/2018 23:50	23.55	77.7	5.51	4.7
SR5	11/24/2018 5:55	23.92	83.0	5.87	4.6	SR5	11/24/2018 11:55	24.03	79.3	5.61	5.6	SR5	11/24/2018 17:55	23.58	81.1	5.74	4.7	SR5	11/24/2018 23:55	23.58	77.6	5.50	5.8

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	11/24/2018 0:01	24.46	73.4	5.10	9.4	SR12	11/24/2018 6:01	24.24	82.2	5.73	8.7	SR12	11/24/2018 12:01	24.32	76.4	5.32	9.5	SR12	11/24/2018 18:01	24.29	77.9	5.43	8.0
SR12	11/24/2018 0:06	24.45	74.7	5.19	7.5	SR12	11/24/2018 6:06	24.25	81.9	5.71	7.8	SR12	11/24/2018 12:06	24.33	77.0	5.36	7.9	SR12	11/24/2018 18:06	24.29	77.7	5.41	**11.3**
SR12	11/24/2018 0:11	24.45	74.1	5.15	7.6	SR12	11/24/2018 6:11	24.24	82.1	5.72	7.7	SR12	11/24/2018 12:11	24.34	76.8	5.34	9.5	SR12	11/24/2018 18:11	24.29	77.1	5.37	8.4
SR12	11/24/2018 0:16	24.46	73.8	5.13	8.2	SR12	11/24/2018 6:16	24.24	81.8	5.70	8.0	SR12	11/24/2018 12:16	24.34	75.9	5.28	9.0	SR12	11/24/2018 18:16	24.30	77.4	5.39	7.6
SR12	11/24/2018 0:21	24.45	74.8	5.20	7.9	SR12	11/24/2018 6:21	24.25	81.2	5.66	9.7	SR12	11/24/2018 12:21	24.34	75.6	5.26	9.0	SR12	11/24/2018 18:21	24.29	77.0	5.36	9.1
SR12	11/24/2018 0:26	24.44	75.6	5.26	9.3	SR12	11/24/2018 6:26	24.25	81.3	5.67	9.1	SR12	11/24/2018 12:26	24.34	75.4	5.25	8.7	SR12	11/24/2018 18:26	24.30	77.6	5.41	8.1
SR12	11/24/2018 0:31	24.44	75.8	5.27	9.7	SR12	11/24/2018 6:31	24.24	80.3	5.60	8.0	SR12	11/24/2018 12:31	24.34	75.8	5.27	**21.2**	SR12	11/24/2018 18:31	24.31	76.7	5.34	8.8
SR12	11/24/2018 0:36	24.44	75.9	5.28	8.5	SR12	11/24/2018 6:36	24.25	80.9	5.64	9.2	SR12	11/24/2018 12:36	24.35	76.2	5.30	9.4	SR12	11/24/2018 18:36	24.32	76.9	5.36	7.9
SR12	11/24/2018 0:41	24.44	76.2	5.30	7.4	SR12	11/24/2018 6:41	24.24	80.6	5.62	9.3	SR12	11/24/2018 12:41	24.37	77.0	5.36	**15.0**	SR12	11/24/2018 18:41	24.32	77.0	5.36	9.4
SR12	11/24/2018 0:46	24.44	75.1	5.22	9.7	SR12	11/24/2018 6:46	24.24	80.6	5.62	9.2	SR12	11/24/2018 12:46	24.37	77.8	5.41	8.3	SR12	11/24/2018 18:46	24.32	76.1	5.30	7.7
SR12	11/24/2018 0:51	24.44	74.7	5.20	7.8	SR12	11/24/2018 6:51	24.24	80.8	5.63	8.5	SR12	11/24/2018 12:51	24.37	77.1	5.36	8.6	SR12	11/24/2018 18:51	24.33	76.1	5.30	7.8
SR12	11/24/2018 0:56	24.44	75.1	5.22	8.5	SR12	11/24/2018 6:56	24.23	80.4	5.61	9.1	SR12	11/24/2018 12:56	24.38	76.5	5.32	8.9	SR12	11/24/2018 18:56	24.33	76.0	5.29	9.5
SR12	11/24/2018 1:01	24.43	75.7	5.27	9.3	SR12	11/24/2018 7:01	24.25	80.2	5.59	9.7	SR12	11/24/2018 13:01	24.38	76.3	5.31	9.0	SR12	11/24/2018 19:01	24.32	76.1	5.30	7.5
SR12	11/24/2018 1:06	24.44	75.4	5.24	4.2	SR12	11/24/2018 7:06	24.25	79.0	5.50	9.4	SR12	11/24/2018 13:06	24.34	78.8	5.49	7.9	SR12	11/24/2018 19:06	24.33	75.9	5.28	8.2
SR12	11/24/2018 1:11	24.44	74.8	5.20	3.1	SR12	11/24/2018 7:11	24.26	79.1	5.51	7.8	SR12	11/24/2018 13:11	24.36	77.3	5.38	8.3	SR12	11/24/2018 19:11	24.33	76.2	5.31	8.0
SR12	11/24/2018 1:16	24.43	74.8	5.20	1.5	SR12	11/24/2018 7:16	24.27	78.4	5.46	**36.8**	SR12	11/24/2018 13:16	24.36	77.1	5.37	9.6	SR12	11/24/2018 19:16	24.34	75.8	5.28	8.1
SR12	11/24/2018 1:21	24.43	75.1	5.22	2.0	SR12	11/24/2018 7:21	24.28	77.4	5.39	8.9	SR12	11/24/2018 13:21	24.36	76.8	5.34	7.9	SR12	11/24/2018 19:21	24.33	75.4	5.25	9.1
SR12	11/24/2018 1:26	24.43	75.1	5.22	8.3	SR12	11/24/2018 7:26	24.28	77.1	5.37	9.2	SR12	11/24/2018 13:26	24.37	76.7	5.33	8.9	SR12	11/24/2018 19:26	24.33	76.0	5.29	8.1
SR12	11/24/2018 1:31	24.42	76.2	5.30	9.2	SR12	11/24/2018 7:31	24.28	76.6	5.34	9.2	SR12	11/24/2018 13:31	24.37	76.8	5.34	7.7	SR12	11/24/2018 19:31	24.33	75.7	5.27	7.6
SR12	11/24/2018 1:36	24.43	75.9	5.27	8.8	SR12	11/24/2018 7:36	24.29	76.8	5.35	**12.2**	SR12	11/24/2018 13:36	24.37	76.8	5.34	8.7	SR12	11/24/2018 19:36	24.34	75.6	5.26	7.6
SR12	11/24/2018 1:41	24.42	76.3	5.31	6.1	SR12	11/24/2018 7:41	24.30	76.1	5.30	7.8	SR12	11/24/2018 13:41	24.34	77.6	5.40	8.1	SR12	11/24/2018 19:41	24.33	74.8	5.21	9.3
SR12	11/24/2018 1:46	24.42	76.3	5.31	5.9	SR12	11/24/2018 7:46	24.31	76.0	5.29	7.4	SR12	11/24/2018 13:46	24.36	76.8	5.34	2.3	SR12	11/24/2018 19:46	24.32	74.9	5.22	8.9
SR12	11/24/2018 1:51	24.40	78.3	5.44	3.4	SR12	11/24/2018 7:51	24.31	75.6	5.27	8.8	SR12	11/24/2018 13:51	24.36	77.3	5.38	7.6	SR12	11/24/2018 19:51	24.32	75.3	5.24	7.7
SR12	11/24/2018 1:56	24.40	77.2	5.37	8.6	SR12	11/24/2018 7:56	24.31	75.5	5.26	9.3	SR12	11/24/2018 13:56	24.35	78.2	5.44	4.4	SR12	11/24/2018 19:56	24.32	74.5	5.19	8.1
SR12	11/24/2018 2:01	24.38	78.6	5.47	7.8	SR12	11/24/2018 8:01	24.31	75.9	5.29	9.2	SR12	11/24/2018 14:01	24.34	78.5	5.47	2.1	SR12	11/24/2018 20:01	24.32	74.3	5.17	9.6
SR12	11/24/2018 2:06	24.36	79.4	5.52	8.7	SR12	11/24/2018 8:06	24.31	76.3	5.32	7.9	SR12	11/24/2018 14:06	24.34	78.2	5.44	7.9	SR12	11/24/2018 20:06	24.32	73.3	5.10	9.4
SR12	11/24/2018 2:11	24.36	79.7	5.55	7.9	SR12	11/24/2018 8:11	24.31	75.9	5.28	7.4	SR12	11/24/2018 14:11	24.34	78.4	5.45	6.3	SR12	11/24/2018 20:11	24.36	74.3	5.17	9.2
SR12	11/24/2018 2:16	24.36	79.8	5.56	9.5	SR12	11/24/2018 8:16	24.30	75.9	5.28	9.0	SR12	11/24/2018 14:16	24.34	78.8	5.48	9.4	SR12	11/24/2018 20:16	24.33	74.2	5.16	8.3
SR12	11/24/2018 2:21	24.35	80.5	5.60	9.1	SR12	11/24/2018 8:21	24.31	76.6	5.33	8.6	SR12	11/24/2018 14:21	24.34	78.9	5.49	9.7	SR12	11/24/2018 20:21	24.32	74.3	5.18	9.4
SR12	11/24/2018 2:26	24.33	81.2	5.65	9.5	SR12	11/24/2018 8:26	24.32	76.2	5.31	8.6	SR12	11/24/2018 14:26	24.34	78.4	5.46	8.8	SR12	11/24/2018 20:26	24.32	73.7	5.13	8.9
SR12	11/24/2018 2:31	24.33	81.6	5.67	7.9	SR12	11/24/2018 8:31	24.31	76.9	5.35	8.0	SR12	11/24/2018 14:31	24.34	78.6	5.47	8.7	SR12	11/24/2018 20:31	24.32	73.9	5.15	7.9
SR12	11/24/2018 2:36	24.33	81.2	5.65	7.4	SR12	11/24/2018 8:36	24.31	76.4	5.32	7.9	SR12	11/24/2018 14:36	24.34	78.5	5.46	7.7	SR12	11/24/2018 20:36	24.32	74.1	5.16	9.1
SR12	11/24/2018 2:41	24.33	81.8	5.69	9.0	SR12	11/24/2018 8:41	24.31	76.8	5.35	8.9	SR12	11/24/2018 14:41	24.34	78.0	5.43	8.4	SR12	11/24/2018 20:41	24.32	74.2	5.17	7.5
SR12	11/24/2018 2:46	24.33	81.3	5.66	8.8	SR12	11/24/2018 8:46	24.31	76.4	5.32	9.2	SR12	11/24/2018 14:46	24.33	78.6	5.47	8.4	SR12	11/24/2018 20:46	24.30	74.6	5.19	9.7
SR12	11/24/2018 2:51	24.34	80.8	5.62	8.2	SR12	11/24/2018 8:51	24.31	76.2	5.30	8.3	SR12	11/24/2018 14:51	24.34	78.7	5.48	8.0	SR12	11/24/2018 20:51	24.30	74.2	5.16	8.8
SR12	11/24/2018 2:56	24.29	82.9	5.77	8.9	SR12	11/24/2018 8:56	24.31	76.0	5.29	7.9	SR12	11/24/2018 14:56	24.34	78.6	5.47	9.2	SR12	11/24/2018 20:56	24.30	73.2	5.10	9.0
SR12	11/24/2018 3:01	24.28	83.0	5.78	7.9	SR12	11/24/2018 9:01	24.32	75.5	5.26	8.1	SR12	11/24/2018 15:01	24.32	79.9	5.56	7.7	SR12	11/24/2018 21:01	24.31	73.3	5.10	7.8
SR12	11/24/2018 3:06	24.30	82.0	5.71	9.3	SR12	11/24/2018 9:06	24.32	75.2	5.24	7.5	SR12	11/24/2018 15:06	24.32	80.1	5.58	7.4	SR12	11/24/2018 21:06	24.31	74.5	5.19	7.4
SR12	11/24/2018 3:11	24.28	83.4	5.81	7.8	SR12	11/24/2018 9:11	24.31	76.1	5.30	8.2	SR12	11/24/2018 15:11	24.32	79.7	5.55	7.5	SR12	11/24/2018 21:11	24.32	74.0	5.15	8.7
SR12	11/24/2018 3:16	24.28	82.7	5.76	9.4	SR12	11/24/2018 9:16	24.31	76.0	5.30	9.6	SR12	11/24/2018 15:16	24.33	79.2	5.52	7.8	SR12	11/24/2018 21:16	24.31	73.9	5.14	7.8
SR12	11/24/2018 3:21	24.28	82.7	5.76	8.8	SR12	11/24/2018 9:21	24.32	75.6	5.26	5.2	SR12	11/24/2018 15:21	24.33	79.4	5.53	5.5	SR12	11/24/2018 21:21	24.31	74.7	5.20	8.4
SR12	11/24/2018 3:26	24.28	82.5	5.75	7.5	SR12	11/24/2018 9:26	24.33	75.2	5.24	8.0	SR12	11/24/2018 15:26	24.31	79.9	5.56	8.3	SR12	11/24/2018 21:26	24.31	74.6	5.20	9.7
SR12	11/24/2018 3:31	24.26	83.3	5.81	9.3	SR12	11/24/2018 9:31	24.33	74.8	5.21	8.9	SR12	11/24/2018 15:31	24.28	81.0	5.64	7.5	SR12	11/24/2018 21:31	24.29	75.8	5.28	8.5
SR12	11/24/2018 3:36	24.26	83.4	5.81	7.4	SR12	11/24/2018 9:36	24.32	75.9	5.29	7.8	SR12	11/24/2018 15:36	24.30	81.0	5.64	8.6	SR12	11/24/2018 21:36	24.30	75.7	5.27	8.0
SR12	11/24/2018 3:41	24.26	83.5	5.82	8.5	SR12	11/24/2018 9:41	24.32	75.3	5.25	9.3	SR12	11/24/2018 15:41	24.30	80.5	5.61	9.3	SR12	11/24/2018 21:41	24.29	76.1	5.30	7.9
SR12	11/24/2018 3:46	24.27	83.0	5.78	9.2	SR12	11/24/2018 9:46	24.33	74.8	5.21	7.5	SR12	11/24/2018 15:46	24.29	81.3	5.66	9.1	SR12	11/24/2018 21:46	24.29	75.9	5.28	9.0
SR12	11/24/2018 3:51	24.26	83.1	5.79	8.0	SR12	11/24/2018 9:51	24.33	74.6	5.19	7.4	SR12	11/24/2018 15:51	24.30	80.6	5.61	2.1	SR12	11/24/2018 21:51	24.30	74.9	5.22	9.1
SR12	11/24/2018 3:56	24.26	83.2	5.80	7.5	SR12	11/24/2018 9:56	24.33	74.3	5.17	9.6	SR12	11/24/2018 15:56	24.27	82.1	5.72	8.5	SR12	11/24/2018 21:56	24.30	75.8	5.28	8.7
SR12	11/24/2018 4:01	24.25	83.6	5.82	7.5	SR12	11/24/2018 10:01	24.33	73.7	5.13	9.6	SR12	11/24/2018 16:01	24.27	82.1	5.72	8.8	SR12	11/24/2018 22:01	24.30	76.5	5.33	9.6
SR12	11/24/2018 4:06	24.25	83.6	5.83	9.7	SR12	11/24/2018 10:06	24.33	74.7	5.20	7.5	SR12	11/24/2018 16:06	24.27	81.8	5.70	8.6	SR12	11/24/2018 22:06	24.30	75.7	5.27	8.1
SR12	11/24/2018 4:11	24.25	83.3	5.81	9.7	SR12	11/24/2018 10:11	24.33	74.1	5.16	8.8	SR12	11/24/2018 16:11	24.28	81.7	5.69	4.0	SR12	11/24/2018 22:11	24.29	75.9	5.28	8.0
SR12	11/24/2018 4:16	24.24	83.8	5.84	7.7	SR12	11/24/2018 10:16	24.33	73.4	5.11	8.5	SR12	11/24/2018 16:16	24.27	81.4	5.67	3.9	SR12	11/24/2018 22:16	24.29	75.5	5.26	8.9
SR12	11/24/2018 4:21	24.25	83.6	5.83	9.2	SR12	11/24/2018 10:21	24.33	74.5	5.19	9.2	SR12	11/24/2018 16:21	24.28	81.0	5.65	8.4	SR12	11/24/2018 22:21	24.29	75.6	5.27	3.2
SR12	11/24/2018 4:26	24.24	83.5	5.82	9.4	SR12	11/24/2018 10:26	24.33	74.9	5.22	9.6	SR12	11/24/2018 16:26	24.28	80.6	5.62	9.5	SR12	11/24/2018 22:26	24.29	75.8	5.28	8.7
SR12	11/24/2018 4:31	24.24	83.7	5.84	9.2	SR12	11/24/2018 10:31	24.33	73.3	5.10	8.1	SR12	11/24/2018 16:31	24.29	81.4	5.67	8.0	SR12	11/24/2018 22:31	24.29	75.9	5.28	9.0
SR12	11/24/2018 4:36	24.24	83.2	5.80	8.4	SR12	11/24/2018 10:36	24.34	74.2	5.16	9.2	SR12	11/24/2018 16:36	24.29	81.0	5.64	8.5	SR12	11/24/2018 22:36	24.29	75.2	5.24	8.1
SR12	11/24/2018 4:41	24.24	83.8	5.84	8.4	SR12	11/24/2018 10:41	24.34	74.0	5.15	8.4	SR12	11/24/2018 16:41	24.29	80.5	5.61	7.8	SR12	11/24/2018 22:41	24.29	75.8	5.28	8.9
SR12	11/24/2018 4:46	24.23	83.7	5.84	9.1	SR12	11/24/2018 10:46	24.34	73.8	5.14	8.6	SR12	11/24/2018 16:46	24.28	81.1	5.65	7.5	SR12	11/24/2018 22:46	24.29	75.7	5.27	9.2
SR12	11/24/2018 4:51	24.23	83.5	5.82	7.6	SR12	11/24/2018 10:51	24.34	74.0	5.15	8.9	SR12	11/24/2018 16:51	24.28	80.8	5.63	9.1	SR12	11/24/2018 22:51	24.29	75.8	5.28	7.6
SR12	11/24/2018 4:56	24.24	82.6	5.75	7.8	SR12	11/24/2018 10:56	24.35	74.8	5.20	9.4	SR12	11/24/2018 16:56	24.28	79.5	5.54	7.4	SR12	11/24/2018 22:56	24.29	75.8	5.28	8.8
SR12	11/24/2018 5:01	24.22	82.3	5.74	9.4	SR12	11/24/2018 11:01	24.35	74.4	5.18	8.4	SR12	11/24/2018 17:01	24.28	79.9	5.57	8.9	SR12	11/24/2018 23:01	24.27	76.4	5.32	6.6
SR12	11/24/2018 5:06	24.23	82.8	5.77	8.7	SR12	11/24/2018 11:06	24.37	75.7	5.26	7.8	SR12	11/24/2018 17:06	24.28	80.0	5.58	9.7	SR12	11/24/2018 23:06	24.26	76.4	5.32	8.0
SR12	11/24/2018 5:11	24.24	82.6	5.76	9.6	SR12	11/24/2018 11:11	24.34	74.7	5.20	8.1	SR12	11/24/2018 17:11	24.28	79.9	5.57	8.0	SR12	11/24/2018 23:11	24.27	76.3	5.32	1.8
SR12	11/24/2018 5:16	24.20	83.5	5.83	8.2	SR12	11/24/2018 11:16	24.36	75.4	5.25	8.8	SR12	11/24/2018 17:16	24.29	79.2	5.52	7.0	SR12	11/24/2018 23:16	24.26	76.9	5.36	8.8
SR12	11/24/2018 5:21	24.22	83.2	5.80	7.4	SR12	11/24/2018 11:21	24.36	74.6	5.19	9.2	SR12	11/24/2018 17:21	24.29	80.0	5.57	8.4	SR12	11/24/2018 23:21	24.27	76.7	5.35	9.3
SR12	11/24/2018 5:26	24.24	82.4	5.74	7.5	SR12	11/24/2018 11:26	24.34	74.4	5.17	7.5	SR12	11/24/2018 17:26	24.28	79.8	5.56	2.5	SR12	11/24/2018 23:26	24.25	78.3	5.46	9.4
SR12	11/24/2018 5:31	24.24	83.1	5.79	7.8	SR12	11/24/2018 11:31	24.34	74.0	5.15	7.7	SR12	11/24/2018 17:31	24.27	79.7	5.55	5.1	SR12	11/24/2018 23:31	24.25	77.6	5.41	9.4
SR12	11/24/2018 5:36	24.25	83.6	5.82	7.7	SR12	11/24/2018 11:36	24.33	74.6	5.19	7.4	SR12	11/24/2018 17:36	24.29	78.8	5.49	9.7	SR12	11/24/2018 23:36	24.26	77.4	5.40	8.5
SR12	11/24/2018 5:41	24.24	83.2	5.80	8.5	SR12	11/24/2018 11:41	24.33	75.9	5.28	7.6	SR12	11/24/2018 17:41	24.30	78.3	5.45	7.9	SR12	11/24/2018 23:41	24.26	77.3	5.39	9.3
SR12	11/24/2018 5:46	24.24	82.8	5.77	9.4	SR12	11/24/2018 11:46	24.33	75.8	5.28	7.6	SR12	11/24/2018 17:46	24.29	78.7	5.48	7.5	SR12	11/24/2018 23:46	24.25	77.2	5.38	9.2
SR12	11/24/2018 5:51	24.24	82.2	5.73	8.2	SR12	11/24/2018 11:51	24.32	76.0	5.29	7.7	SR12	11/24/2018 17:51	24.29	78.6	5.48	9.1	SR12	11/24/2018 23:51	24.25	77.0	5.37	8.8
SR12	11/24/2018 5:56	24.24	82.1	5.72	9.3	SR12	11/24/2018 11:56	24.33	75.5	5.26	8.5	SR12	11/24/2018 17:56	24.29	78.5	5.47	9.1	SR12	11/24/2018 23:56	24.25	76.5	5.33	9.5

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	11/24/2018 0:00	23.75	80.0	5.67	8.2	SR13	11/24/2018 6:00	23.64	82.7	5.93	6.0	SR13	11/24/2018 12:00	23.75	79.0	5.60	5.9	SR13	11/24/2018 18:00	23.55	80.1	5.67	6.0
SR13	11/24/2018 0:05	23.75	79.0	5.59	5.7	SR13	11/24/2018 6:05	23.64	81.9	5.87	6.4	SR13	11/24/2018 12:05	23.75	78.8	5.59	8.1	SR13	11/24/2018 18:05	23.55	81.5	5.77	7.1
SR13	11/24/2018 0:10	23.75	80.0	5.67	8.0	SR13	11/24/2018 6:10	23.66	82.4	5.86	7.2	SR13	11/24/2018 12:10	23.74	78.9	5.59	5.3	SR13	11/24/2018 18:10	23.56	79.9	5.66	5.2
SR13	11/24/2018 0:15	23.76	80.1	5.67	7.0	SR13	11/24/2018 6:15	23.65	82.3	5.83	7.8	SR13	11/24/2018 12:15	23.73	79.3	5.62	7.1	SR13	11/24/2018 18:15	23.55	80.5	5.70	6.2
SR13	11/24/2018 0:20	23.74	79.9	5.65	7.2	SR13	11/24/2018 6:20	23.66	82.4	5.84	7.6	SR13	11/24/2018 12:20	23.73	79.8	5.66	5.0	SR13	11/24/2018 18:20	23.55	81.0	5.73	6.2
SR13	11/24/2018 0:25	23.75	80.7	5.71	7.5	SR13	11/24/2018 6:25	23.65	81.8	5.79	6.2	SR13	11/24/2018 12:25	23.74	79.8	5.65	5.8	SR13	11/24/2018 18:25	23.56	80.5	5.70	6.5
SR13	11/24/2018 0:30	23.76	80.3	5.69	7.5	SR13	11/24/2018 6:30	23.67	82.2	5.82	8.1	SR13	11/24/2018 12:30	23.11	80.0	5.67	5.9	SR13	11/24/2018 18:30	23.55	81.7	5.78	5.3
SR13	11/24/2018 0:35	23.75	80.1	5.67	7.0	SR13	11/24/2018 6:35	23.66	81.3	5.76	7.9	SR13	11/24/2018 12:35	22.64	79.9	5.66	7.0	SR13	11/24/2018 18:35	23.55	79.5	5.63	5.7
SR13	11/24/2018 0:40	23.75	79.1	5.60	7.1	SR13	11/24/2018 6:40	23.65	82.8	5.86	7.5	SR13	11/24/2018 12:40	23.70	79.0	5.60	7.5	SR13	11/24/2018 18:40	23.53	79.9	5.66	6.4
SR13	11/24/2018 0:45	23.75	80.3	5.68	7.2	SR13	11/24/2018 6:45	23.66	82.5	5.84	7.5	SR13	11/24/2018 12:45	23.69	80.1	5.68	6.7	SR13	11/24/2018 18:45	23.55	81.1	5.75	6.4
SR13	11/24/2018 0:50	23.75	79.6	5.64	6.6	SR13	11/24/2018 6:50	23.66	82.4	5.84	7.2	SR13	11/24/2018 12:50	23.69	79.3	5.62	6.7	SR13	11/24/2018 18:50	23.54	80.1	5.67	7.4
SR13	11/24/2018 0:55	23.74	79.4	5.62	5.7	SR13	11/24/2018 6:55	23.66	81.8	5.80	7.1	SR13	11/24/2018 12:55	23.70	79.6	5.64	7.0	SR13	11/24/2018 18:55	23.55	80.5	5.70	7.3
SR13	11/24/2018 1:00	23.76	79.1	5.60	7.3	SR13	11/24/2018 7:00	23.66	81.3	5.76	6.1	SR13	11/24/2018 13:00	23.70	79.0	5.60	5.9	SR13	11/24/2018 19:00	23.55	79.7	5.65	5.7
SR13	11/24/2018 1:05	23.76	79.3	5.61	7.0	SR13	11/24/2018 7:05	23.66	81.8	5.80	6.2	SR13	11/24/2018 13:05	23.70	79.8	5.65	8.3	SR13	11/24/2018 19:05	23.57	79.8	5.65	6.5
SR13	11/24/2018 1:10	23.75	79.9	5.66	7.5	SR13	11/24/2018 7:10	23.66	81.3	5.76	5.7	SR13	11/24/2018 13:10	23.69	79.0	5.60	7.4	SR13	11/24/2018 19:10	23.56	79.5	5.63	6.0
SR13	11/24/2018 1:15	23.74	79.6	5.64	8.4	SR13	11/24/2018 7:15	23.66	81.8	5.80	5.2	SR13	11/24/2018 13:15	23.69	79.5	5.63	10.7	SR13	11/24/2018 19:15	23.56	80.0	5.67	5.4
SR13	11/24/2018 1:20	23.75	79.9	5.66	6.4	SR13	11/24/2018 7:20	23.67	80.3	5.69	7.9	SR13	11/24/2018 13:20	23.69	78.3	5.55	7.9	SR13	11/24/2018 19:20	23.56	79.4	5.63	5.9
SR13	11/24/2018 1:25	23.75	79.7	5.64	7.3	SR13	11/24/2018 7:25	23.67	82.5	5.84	8.2	SR13	11/24/2018 13:25	23.70	80.1	5.68	9.8	SR13	11/24/2018 19:25	23.58	79.5	5.63	6.0
SR13	11/24/2018 1:30	23.75	80.3	5.69	7.5	SR13	11/24/2018 7:30	23.65	81.5	5.78	6.9	SR13	11/24/2018 13:30	23.70	80.3	5.68	6.7	SR13	11/24/2018 19:30	23.59	79.3	5.62	5.9
SR13	11/24/2018 1:35	23.75	79.2	5.61	7.8	SR13	11/24/2018 7:35	23.67	82.3	5.83	5.9	SR13	11/24/2018 13:35	23.70	79.2	5.61	6.0	SR13	11/24/2018 19:35	23.59	79.5	5.63	5.7
SR13	11/24/2018 1:40	23.75	79.7	5.64	8.1	SR13	11/24/2018 7:40	23.66	81.6	5.79	5.6	SR13	11/24/2018 13:40	23.70	80.0	5.66	6.7	SR13	11/24/2018 19:40	23.57	79.7	5.64	6.2
SR13	11/24/2018 1:45	23.74	79.5	5.64	6.6	SR13	11/24/2018 7:45	23.67	81.2	5.76	6.8	SR13	11/24/2018 13:45	23.70	79.1	5.60	8.4	SR13	11/24/2018 19:45	23.57	79.7	5.65	7.0
SR13	11/24/2018 1:50	23.75	80.1	5.68	5.5	SR13	11/24/2018 7:50	23.65	81.5	5.78	6.0	SR13	11/24/2018 13:50	23.69	79.8	5.66	6.6	SR13	11/24/2018 19:50	23.58	79.4	5.63	5.3
SR13	11/24/2018 1:55	23.74	79.0	5.59	4.7	SR13	11/24/2018 7:55	23.67	81.5	5.77	6.7	SR13	11/24/2018 13:55	23.69	81.0	5.74	6.4	SR13	11/24/2018 19:55	23.60	79.1	5.61	5.8
SR13	11/24/2018 2:00	23.74	79.3	5.61	4.4	SR13	11/24/2018 8:00	23.68	81.4	5.77	**14.2**	SR13	11/24/2018 14:00	23.69	80.6	5.71	8.7	SR13	11/24/2018 20:00	23.60	79.9	5.66	6.5
SR13	11/24/2018 2:05	23.74	78.3	5.55	4.8	SR13	11/24/2018 8:05	23.66	80.9	5.73	5.7	SR13	11/24/2018 14:05	23.69	79.5	5.63	7.0	SR13	11/24/2018 20:05	23.60	79.6	5.64	7.2
SR13	11/24/2018 2:10	23.75	79.9	5.66	8.1	SR13	11/24/2018 8:10	23.68	80.4	5.70	7.7	SR13	11/24/2018 14:10	23.69	79.8	5.65	6.0	SR13	11/24/2018 20:10	23.60	79.2	5.61	5.4
SR13	11/24/2018 2:15	23.74	80.5	5.70	7.7	SR13	11/24/2018 8:15	23.68	81.2	5.75	7.3	SR13	11/24/2018 14:15	23.70	80.6	5.71	7.8	SR13	11/24/2018 20:15	23.54	79.0	5.60	6.5
SR13	11/24/2018 2:20	23.74	80.5	5.70	7.5	SR13	11/24/2018 8:20	23.67	80.6	5.71	7.8	SR13	11/24/2018 14:20	23.69	80.2	5.68	7.9	SR13	11/24/2018 20:20	23.54	79.6	5.64	5.1
SR13	11/24/2018 2:25	23.74	79.6	5.64	6.1	SR13	11/24/2018 8:25	23.67	80.6	5.71	7.9	SR13	11/24/2018 14:25	23.69	80.2	5.68	7.0	SR13	11/24/2018 20:25	23.57	80.2	5.68	5.5
SR13	11/24/2018 2:30	23.75	78.4	5.55	7.3	SR13	11/24/2018 8:30	23.68	79.9	5.66	7.9	SR13	11/24/2018 14:30	23.68	79.3	5.62	6.2	SR13	11/24/2018 20:30	23.56	78.3	5.55	5.4
SR13	11/24/2018 2:35	23.73	80.4	5.69	4.1	SR13	11/24/2018 8:35	23.68	80.0	5.67	6.8	SR13	11/24/2018 14:35	23.68	79.6	5.64	5.3	SR13	11/24/2018 20:35	23.58	79.0	5.60	6.9
SR13	11/24/2018 2:40	23.73	79.5	5.63	7.2	SR13	11/24/2018 8:40	23.68	80.6	5.71	6.1	SR13	11/24/2018 14:40	23.68	79.8	5.65	6.1	SR13	11/24/2018 20:40	23.57	79.9	5.66	5.7
SR13	11/24/2018 2:45	23.73	80.5	5.70	6.2	SR13	11/24/2018 8:45	23.67	81.0	5.74	7.2	SR13	11/24/2018 14:45	23.68	79.8	5.65	3.6	SR13	11/24/2018 20:45	23.57	79.0	5.60	6.0
SR13	11/24/2018 2:50	23.71	80.0	5.66	7.1	SR13	11/24/2018 8:50	23.68	80.0	5.67	5.0	SR13	11/24/2018 14:50	23.68	80.7	5.71	7.9	SR13	11/24/2018 20:50	23.55	78.3	5.55	7.0
SR13	11/24/2018 2:55	23.72	81.3	5.76	8.1	SR13	11/24/2018 8:55	23.68	80.8	5.73	7.3	SR13	11/24/2018 14:55	23.68	79.7	5.65	4.7	SR13	11/24/2018 20:55	23.58	78.5	5.56	7.2
SR13	11/24/2018 3:00	23.72	80.6	5.71	8.6	SR13	11/24/2018 9:00	23.68	80.3	5.69	7.3	SR13	11/24/2018 15:00	23.68	80.2	5.68	8.2	SR13	11/24/2018 21:00	23.57	78.3	5.55	7.1
SR13	11/24/2018 3:05	23.72	81.0	5.73	6.2	SR13	11/24/2018 9:05	23.67	80.2	5.68	6.0	SR13	11/24/2018 15:05	23.68	80.6	5.71	7.4	SR13	11/24/2018 21:05	23.56	78.5	5.57	6.7
SR13	11/24/2018 3:10	23.71	82.1	5.82	6.3	SR13	11/24/2018 9:10	23.68	80.5	5.71	5.4	SR13	11/24/2018 15:10	23.67	79.3	5.61	7.8	SR13	11/24/2018 21:10	23.55	77.6	5.50	7.3
SR13	11/24/2018 3:15	23.70	81.8	5.79	7.5	SR13	11/24/2018 9:15	23.68	80.6	5.71	5.4	SR13	11/24/2018 15:15	23.68	80.0	5.66	6.8	SR13	11/24/2018 21:15	23.58	77.6	5.50	6.6
SR13	11/24/2018 3:20	23.71	81.7	5.79	5.2	SR13	11/24/2018 9:20	23.68	81.4	5.77	7.8	SR13	11/24/2018 15:20	23.67	80.7	5.71	6.5	SR13	11/24/2018 21:20	23.56	78.5	5.56	7.2
SR13	11/24/2018 3:25	23.71	82.3	5.83	6.2	SR13	11/24/2018 9:25	23.69	81.4	5.77	7.4	SR13	11/24/2018 15:25	23.67	80.0	5.67	8.0	SR13	11/24/2018 21:25	23.54	79.3	5.62	5.6
SR13	11/24/2018 3:30	23.70	81.2	5.75	5.6	SR13	11/24/2018 9:30	23.69	79.4	5.63	8.1	SR13	11/24/2018 15:30	23.67	80.0	5.66	5.9	SR13	11/24/2018 21:30	23.53	78.9	5.59	7.3
SR13	11/24/2018 3:35	23.71	82.4	5.84	8.2	SR13	11/24/2018 9:35	23.69	80.6	5.71	6.9	SR13	11/24/2018 15:35	23.67	80.2	5.68	6.2	SR13	11/24/2018 21:35	23.55	77.2	5.47	5.3
SR13	11/24/2018 3:40	23.70	82.6	5.85	6.5	SR13	11/24/2018 9:40	23.69	80.4	5.70	5.5	SR13	11/24/2018 15:40	23.67	79.3	5.62	7.3	SR13	11/24/2018 21:40	23.54	78.3	5.55	7.6
SR13	11/24/2018 3:45	23.70	83.2	5.89	7.7	SR13	11/24/2018 9:45	23.70	80.4	5.69	7.3	SR13	11/24/2018 15:45	23.67	80.5	5.70	5.6	SR13	11/24/2018 21:45	23.54	78.2	5.54	5.5
SR13	11/24/2018 3:50	23.70	82.2	5.82	8.0	SR13	11/24/2018 9:50	23.70	79.6	5.65	5.2	SR13	11/24/2018 15:50	23.67	81.5	5.77	6.6	SR13	11/24/2018 21:50	23.56	79.5	5.64	6.8
SR13	11/24/2018 3:55	23.69	83.2	5.90	7.9	SR13	11/24/2018 9:55	23.70	81.2	5.75	6.7	SR13	11/24/2018 15:55	23.67	80.4	5.69	8.0	SR13	11/24/2018 21:55	23.58	77.8	5.51	7.0
SR13	11/24/2018 4:00	23.69	82.5	5.90	6.2	SR13	11/24/2018 10:00	23.71	81.1	5.75	8.1	SR13	11/24/2018 16:00	23.68	80.1	5.67	7.1	SR13	11/24/2018 22:00	23.56	77.5	5.49	5.1
SR13	11/24/2018 4:05	23.63	82.8	5.94	7.0	SR13	11/24/2018 10:05	23.70	80.1	5.68	4.7	SR13	11/24/2018 16:05	23.67	80.0	5.67	4.5	SR13	11/24/2018 22:05	23.53	78.6	5.57	6.8
SR13	11/24/2018 4:10	23.59	82.2	5.90	7.6	SR13	11/24/2018 10:10	23.71	79.6	5.64	5.3	SR13	11/24/2018 16:10	23.66	80.5	5.70	5.9	SR13	11/24/2018 22:10	23.54	77.9	5.52	7.7
SR13	11/24/2018 4:15	23.68	82.5	5.92	7.4	SR13	11/24/2018 10:15	23.71	79.8	5.66	6.2	SR13	11/24/2018 16:15	23.65	81.3	5.76	7.0	SR13	11/24/2018 22:15	23.52	78.3	5.55	5.6
SR13	11/24/2018 4:20	23.60	82.5	5.93	7.6	SR13	11/24/2018 10:20	23.72	80.4	5.70	5.8	SR13	11/24/2018 16:20	23.66	81.2	5.75	7.8	SR13	11/24/2018 22:20	23.52	79.0	5.60	6.1
SR13	11/24/2018 4:25	23.50	85.0	6.14	6.3	SR13	11/24/2018 10:25	23.72	80.0	5.67	8.1	SR13	11/24/2018 16:25	23.66	80.6	5.71	6.6	SR13	11/24/2018 22:25	23.52	79.3	5.62	7.1
SR13	11/24/2018 4:30	23.47	83.9	6.06	5.9	SR13	11/24/2018 10:30	23.72	79.9	5.67	6.3	SR13	11/24/2018 16:30	23.65	80.3	5.68	7.7	SR13	11/24/2018 22:30	23.51	78.7	5.58	6.7
SR13	11/24/2018 4:35	23.45	84.9	6.14	5.1	SR13	11/24/2018 10:35	23.72	80.0	5.67	7.7	SR13	11/24/2018 16:35	23.65	81.4	5.76	4.0	SR13	11/24/2018 22:35	23.52	79.3	5.62	7.2
SR13	11/24/2018 4:40	23.46	84.0	6.08	7.7	SR13	11/24/2018 10:40	23.73	80.9	5.73	6.9	SR13	11/24/2018 16:40	23.64	81.3	5.76	5.3	SR13	11/24/2018 22:40	23.53	78.7	5.58	6.1
SR13	11/24/2018 4:45	23.56	84.0	6.05	7.0	SR13	11/24/2018 10:45	23.73	80.3	5.69	6.5	SR13	11/24/2018 16:45	23.64	81.4	5.76	6.8	SR13	11/24/2018 22:45	23.52	79.4	5.63	7.2
SR13	11/24/2018 4:50	23.57	85.0	6.13	6.9	SR13	11/24/2018 10:50	23.73	79.7	5.64	7.9	SR13	11/24/2018 16:50	23.65	80.6	5.71	6.5	SR13	11/24/2018 22:50	23.51	79.3	5.62	5.6
SR13	11/24/2018 4:55	23.48	83.6	6.04	8.3	SR13	11/24/2018 10:55	23.73	80.3	5.69	7.1	SR13	11/24/2018 16:55	23.65	81.3	5.76	6.6	SR13	11/24/2018 22:55	23.52	79.3	5.62	7.0
SR13	11/24/2018 5:00	23.41	83.9	6.07	5.4	SR13	11/24/2018 11:00	23.74	79.4	5.63	5.5	SR13	11/24/2018 17:00	23.65	80.2	5.68	4.3	SR13	11/24/2018 23:00	23.52	77.9	5.52	7.0
SR13	11/24/2018 5:05	23.48	84.2	6.09	7.5	SR13	11/24/2018 11:05	23.73	80.4	5.70	8.5	SR13	11/24/2018 17:05	23.64	80.8	5.73	7.5	SR13	11/24/2018 23:05	23.50	78.2	5.55	4.8
SR13	11/24/2018 5:10	23.43	84.2	6.10	7.2	SR13	11/24/2018 11:10	23.74	80.4	5.70	6.4	SR13	11/24/2018 17:10	23.53	81.4	5.77	8.4	SR13	11/24/2018 23:10	23.50	78.9	5.59	5.7
SR13	11/24/2018 5:15	23.41	83.3	6.04	6.5	SR13	11/24/2018 11:15	23.74	79.1	5.60	7.5	SR13	11/24/2018 17:15	23.55	80.5	5.70	7.0	SR13	11/24/2018 23:15	23.50	79.9	5.66	7.1
SR13	11/24/2018 5:20	23.39	83.9	6.08	7.5	SR13	11/24/2018 11:20	23.74	78.9	5.59	7.0	SR13	11/24/2018 17:20	23.54	80.3	5.69	6.7	SR13	11/24/2018 23:20	23.50	78.5	5.57	5.2
SR13	11/24/2018 5:25	23.40	83.8	6.07	6.6	SR13	11/24/2018 11:25	23.75	79.8	5.66	7.8	SR13	11/24/2018 17:25	23.54	80.7	5.72	6.1	SR13	11/24/2018 23:25	23.48	79.7	5.65	7.2
SR13	11/24/2018 5:30	23.42	83.8	6.06	8.5	SR13	11/24/2018 11:30	23.75	79.7	5.65	6.0	SR13	11/24/2018 17:30	23.54	80.7	5.71	5.7	SR13	11/24/2018 23:30	23.50	78.9	5.59	6.9
SR13	11/24/2018 5:35	23.42	84.0	6.08	7.6	SR13	11/24/2018 11:35	23.74	79.2	5.61	8.0	SR13	11/24/2018 17:35	23.54	81.5	5.78	6.2	SR13	11/24/2018 23:35	23.49	79.0	5.60	6.4
SR13	11/24/2018 5:40	23.54	84.3	6.07	6.7	SR13	11/24/2018 11:40	23.75	80.3	5.69	8.4	SR13	11/24/2018 17:40	23.55	79.8	5.66	5.3	SR13	11/24/2018 23:40	23.49	78.2	5.54	5.8
SR13	11/24/2018 5:45	23.41	84.1	6.08	9.9	SR13	11/24/2018 11:45	23.75	80.0	5.67	5.7	SR13	11/24/2018 17:45	23.54	80.5	5.71	6.1	SR13	11/24/2018 23:45	23.48	79.3	5.62	6.5
SR13	11/24/2018 5:50	23.58	83.4	5.99	6.5	SR13	11/24/2018 11:50	23.75	79.2	5.61	7.7	SR13	11/24/2018 17:50	23.54	80.9	5.73	6.5	SR13	11/24/2018 23:50	23.48	79.0	5.60	6.0
SR13	11/24/2018 5:55	23.67	83.0	5.95	8.2	SR13	11/24/2018 11:55	23.74	79.2	5.61	8.1	SR13	11/24/2018 17:55	23.55	79.6	5.64	6.3	SR13	11/24/2018 23:55	23.48	79.0	5.60	5.1

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	11/24/2018 0:17	0.08				SR12	11/24/2018 0:17	0.10			
SR4	11/24/2018 0:37	0.10				SR12	11/24/2018 0:37	0.09			
SR4	11/24/2018 0:57	0.10				SR12	11/24/2018 0:57	0.11			
SR4	11/24/2018 1:17	0.10				SR12	11/24/2018 1:17	0.08			
SR4	11/24/2018 1:37	0.10				SR12	11/24/2018 1:37	0.08			
SR4	11/24/2018 1:57	0.10				SR12	11/24/2018 1:57	0.12			
SR4	11/24/2018 2:17	0.07				SR12	11/24/2018 2:17	0.07			
SR4	11/24/2018 2:37	0.10				SR12	11/24/2018 2:37	0.08			
SR4	11/24/2018 2:57	0.10				SR12	11/24/2018 2:57	0.08			
SR4	11/24/2018 3:17	0.08				SR12	11/24/2018 3:17	0.07			
SR4	11/24/2018 3:37	0.09				SR12	11/24/2018 3:37	0.10			
SR4	11/24/2018 3:57	0.07				SR12	11/24/2018 3:57	0.07			
SR4	11/24/2018 4:17	0.09				SR12	11/24/2018 4:17	0.10			
SR4	11/24/2018 4:37	0.09				SR12	11/24/2018 4:37	0.06			
SR4	11/24/2018 4:57	0.09				SR12	11/24/2018 4:57	0.11			
SR4	11/24/2018 5:17	0.09				SR12	11/24/2018 5:17	0.07			
SR4	11/24/2018 5:37	0.09				SR12	11/24/2018 5:37	0.08			
SR4	11/24/2018 5:57	0.10				SR12	11/24/2018 5:57	0.09			
SR4						SR12					
SR4	11/24/2018 6:37	0.10				SR12	11/24/2018 6:37	0.10			
SR4	11/24/2018 6:57	0.08				SR12	11/24/2018 6:57	0.10			
SR4	11/24/2018 7:17	0.08				SR12	11/24/2018 7:17	0.06			
SR4	11/24/2018 7:37	0.09				SR12	11/24/2018 7:37	0.12			
SR4	11/24/2018 7:57	0.08				SR12	11/24/2018 7:57	0.07			
SR4	11/24/2018 8:17	0.10				SR12	11/24/2018 8:17	0.05			
SR4	11/24/2018 8:37	0.07				SR12	11/24/2018 8:37	0.09			
SR4	11/24/2018 8:57	0.10				SR12	11/24/2018 8:57	0.10			
SR4	11/24/2018 9:17	0.09				SR12	11/24/2018 9:17	0.07			
SR4	11/24/2018 9:37	0.07				SR12	11/24/2018 9:37	0.10			
SR4	11/24/2018 9:57	0.10				SR12	11/24/2018 9:57	0.09			
SR4	11/24/2018 10:17	0.09				SR12	11/24/2018 10:17	0.09			
SR4	11/24/2018 10:37	0.09				SR12	11/24/2018 10:37	0.08			
SR4	11/24/2018 10:57	0.09				SR12	11/24/2018 10:57	0.07			
SR4	11/24/2018 11:17	0.07				SR12	11/24/2018 11:17	0.08			
SR4	11/24/2018 11:37	0.10				SR12	11/24/2018 11:37	0.09			
SR4	11/24/2018 11:57	0.08				SR12	11/24/2018 11:57	0.08			
SR4	11/24/2018 12:17	0.07				SR12	11/24/2018 12:17	0.09			
SR4	11/24/2018 12:37	0.10				SR12	11/24/2018 12:37	0.08			
SR4	11/24/2018 12:57	0.09				SR12	11/24/2018 12:57	0.12			
SR4	11/24/2018 13:17	0.08				SR12	11/24/2018 13:17	0.07			
SR4	11/24/2018 13:37	0.09				SR12	11/24/2018 13:37	0.12			
SR4	11/24/2018 13:57	0.08				SR12	11/24/2018 13:57	0.08			
SR4	11/24/2018 14:17	0.08				SR12	11/24/2018 14:17	0.09			
SR4	11/24/2018 14:37	0.09				SR12	11/24/2018 14:37	0.10			
SR4	11/24/2018 14:57	0.07				SR12	11/24/2018 14:57	0.10			
SR4	11/24/2018 15:17	0.09				SR12	11/24/2018 15:17	0.07			
SR4	11/24/2018 15:37	0.07				SR12	11/24/2018 15:37	0.06			
SR4	11/24/2018 15:57	0.07				SR12	11/24/2018 15:57	0.09			
SR4	11/24/2018 16:17	0.09				SR12	11/24/2018 16:17	0.10			
SR4	11/24/2018 16:37	0.07				SR12	11/24/2018 16:37	0.11			
SR4	11/24/2018 16:57	0.10				SR12	11/24/2018 16:57	0.11			
SR4	11/24/2018 17:17	0.07				SR12	11/24/2018 17:17	0.07			
SR4	11/24/2018 17:37	0.10				SR12	11/24/2018 17:37	0.09			
SR4	11/24/2018 17:57	0.08				SR12	11/24/2018 17:57	0.12			
SR4	11/24/2018 18:17	0.08				SR12	11/24/2018 18:17	0.12			
SR4	11/24/2018 18:37	0.09				SR12	11/24/2018 18:37	0.10			
SR4	11/24/2018 18:57	0.10				SR12	11/24/2018 18:57	0.09			
SR4	11/24/2018 19:17	0.08				SR12	11/24/2018 19:17	0.12			
SR4	11/24/2018 19:37	0.08				SR12	11/24/2018 19:37	0.10			
SR4	11/24/2018 19:57	0.09				SR12	11/24/2018 19:57	0.08			
SR4	11/24/2018 20:17	0.08				SR12	11/24/2018 20:17	0.09			
SR4	11/24/2018 20:37	0.10				SR12	11/24/2018 20:37	0.08			
SR4	11/24/2018 20:57	0.09				SR12	11/24/2018 20:57	0.08			
SR4	11/24/2018 21:17	0.08				SR12	11/24/2018 21:17	0.11			
SR4	11/24/2018 21:37	0.09				SR12	11/24/2018 21:37	0.13			
SR4	11/24/2018 21:57	0.10				SR12	11/24/2018 21:57	0.07			
SR4	11/24/2018 22:17	0.10				SR12	11/24/2018 22:17	0.09			
SR4	11/24/2018 22:37	0.09				SR12	11/24/2018 22:37	0.10			
SR4	11/24/2018 22:57	0.11				SR12	11/24/2018 22:57	0.10			
SR4	11/24/2018 23:17	0.10				SR12	11/24/2018 23:17	0.12			
SR4	11/24/2018 23:37	0.10				SR12	11/24/2018 23:37	0.12			
SR4	11/24/2018 23:57	0.09				SR12	11/24/2018 23:57	0.13			

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.

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	11/25/2018 0:01	23.44	74.3	5.25	2.2	SR4	11/25/2018 6:01	21.43	99.4	8.72	3.2	SR4	11/25/2018 12:01	23.33	76.1	5.40	2.1	SR4	11/25/2018 18:01	23.04	69.2	4.97	2.3
SR4	11/25/2018 0:06	23.43	74.0	5.24	2.5	SR4	11/25/2018 6:06	20.35	99.7	8.93	1.6	SR4	11/25/2018 12:06	23.33	75.8	5.38	2.2	SR4	11/25/2018 18:06	23.29	72.7	5.17	2.3
SR4	11/25/2018 0:11	23.42	73.8	5.22	2.7	SR4	11/25/2018 6:11	19.61	100.1	9.10	4.9	SR4	11/25/2018 12:11	23.34	74.1	5.25	3.3	SR4	11/25/2018 18:11	23.30	74.8	5.31	5.2
SR4	11/25/2018 0:16	23.43	74.4	5.26	3.3	SR4	11/25/2018 6:16	19.69	99.8	9.06	4.8	SR4	11/25/2018 12:16	23.34	75.9	5.38	2.4	SR4	11/25/2018 18:16	23.30	75.2	5.34	4.2
SR4	11/25/2018 0:21	23.43	74.3	5.25	3.7	SR4	11/25/2018 6:21	19.51	100.1	9.12	2.3	SR4	11/25/2018 12:21	23.34	73.8	5.24	2.0	SR4	11/25/2018 18:21	23.10	72.6	5.20	1.7
SR4	11/25/2018 0:26	23.45	72.8	5.15	5.0	SR4	11/25/2018 6:26	20.40	100.1	8.97	5.3	SR4	11/25/2018 12:26	23.34	76.6	5.43	3.6	SR4	11/25/2018 18:26	23.28	74.3	5.28	2.3
SR4	11/25/2018 0:31	23.45	72.3	5.11	2.2	SR4	11/25/2018 6:31	22.16	90.2	7.82	**20.2**	SR4	11/25/2018 12:31	23.34	75.9	5.38	2.5	SR4	11/25/2018 18:31	23.25	74.0	5.27	1.0
SR4	11/25/2018 0:36	23.45	72.8	5.15	4.2	SR4	11/25/2018 6:36	21.75	91.5	8.00	3.5	SR4	11/25/2018 12:36	23.34	75.6	5.36	2.8	SR4	11/25/2018 18:36	23.25	73.3	5.22	1.0
SR4	11/25/2018 0:41	23.45	73.3	5.18	2.3	SR4	11/25/2018 6:41	22.06	89.1	7.73	8.6	SR4	11/25/2018 12:41	23.35	73.9	5.24	1.7	SR4	11/25/2018 18:41	23.26	75.1	5.35	1.7
SR4	11/25/2018 0:46	23.45	71.6	5.06	4.3	SR4	11/25/2018 6:46	23.10	80.4	6.85	3.4	SR4	11/25/2018 12:46	23.30	74.1	5.26	1.1	SR4	11/25/2018 18:46	23.25	77.4	5.51	1.0
SR4	11/25/2018 0:51	23.46	70.5	4.98	3.0	SR4	11/25/2018 6:51	23.31	76.9	5.45	2.5	SR4	11/25/2018 12:51	23.27	76.0	5.40	2.9	SR4	11/25/2018 18:51	23.24	77.0	5.48	2.7
SR4	11/25/2018 0:56	23.45	73.2	5.17	5.2	SR4	11/25/2018 6:56	23.32	76.3	5.41	2.3	SR4	11/25/2018 12:56	23.28	76.0	5.40	3.6	SR4	11/25/2018 18:56	23.23	78.0	5.56	1.6
SR4	11/25/2018 1:01	23.46	72.5	5.12	4.2	SR4	11/25/2018 7:01	23.31	77.0	5.46	4.2	SR4	11/25/2018 13:01	23.32	73.5	5.21	1.0	SR4	11/25/2018 19:01	23.24	77.4	5.51	1.6
SR4	11/25/2018 1:06	23.46	71.4	5.05	1.3	SR4	11/25/2018 7:06	23.33	76.8	5.45	4.1	SR4	11/25/2018 13:06	23.30	73.7	5.23	5.0	SR4	11/25/2018 19:06	23.22	76.3	5.43	4.4
SR4	11/25/2018 1:11	23.46	68.5	4.84	2.2	SR4	11/25/2018 7:11	23.32	76.5	5.42	4.7	SR4	11/25/2018 13:11	23.31	72.6	5.16	4.8	SR4	11/25/2018 19:11	23.25	76.7	5.46	2.2
SR4	11/25/2018 1:16	23.46	71.6	5.06	1.7	SR4	11/25/2018 7:16	23.29	76.9	5.46	**13.9**	SR4	11/25/2018 13:16	23.26	77.1	5.48	3.3	SR4	11/25/2018 19:16	23.24	76.2	5.42	3.5
SR4	11/25/2018 1:21	23.47	70.6	4.99	2.0	SR4	11/25/2018 7:21	23.33	72.9	5.17	3.6	SR4	11/25/2018 13:21	23.25	77.5	5.50	4.4	SR4	11/25/2018 19:21	23.23	75.8	5.40	2.1
SR4	11/25/2018 1:26	23.48	66.5	4.70	4.2	SR4	11/25/2018 7:26	23.36	69.8	4.95	1.5	SR4	11/25/2018 13:26	23.33	77.2	5.48	2.8	SR4	11/25/2018 19:26	23.24	75.7	5.39	1.0
SR4	11/25/2018 1:31	23.50	65.9	4.65	5.4	SR4	11/25/2018 7:31	23.33	72.8	5.16	1.6	SR4	11/25/2018 13:31	23.31	78.1	5.54	2.5	SR4	11/25/2018 19:31	23.24	75.8	5.39	2.5
SR4	11/25/2018 1:36	23.43	65.5	4.64	4.4	SR4	11/25/2018 7:36	23.32	72.7	5.16	1.6	SR4	11/25/2018 13:36	23.31	77.6	5.51	3.5	SR4	11/25/2018 19:36	23.24	74.5	5.30	1.3
SR4	11/25/2018 1:41	23.48	63.0	4.46	5.3	SR4	11/25/2018 7:41	23.29	77.2	5.48	2.1	SR4	11/25/2018 13:41	23.26	76.8	5.46	1.2	SR4	11/25/2018 19:41	23.23	75.3	5.36	1.1
SR4	11/25/2018 1:46	23.47	63.5	4.49	4.2	SR4	11/25/2018 7:46	23.31	74.7	5.30	2.2	SR4	11/25/2018 13:46	23.30	77.2	5.48	3.7	SR4	11/25/2018 19:46	23.24	76.1	5.42	1.7
SR4	11/25/2018 1:51	23.46	70.7	4.99	3.0	SR4	11/25/2018 7:51	23.30	79.0	5.61	2.2	SR4	11/25/2018 13:51	23.30	76.8	5.45	1.0	SR4	11/25/2018 19:51	23.22	74.7	5.32	5.2
SR4	11/25/2018 1:56	23.48	68.9	4.87	2.1	SR4	11/25/2018 7:56	23.30	78.0	5.54	1.8	SR4	11/25/2018 13:56	23.31	77.3	5.49	1.2	SR4	11/25/2018 19:56	23.25	76.0	5.41	2.8
SR4	11/25/2018 2:01	23.48	65.6	4.63	5.0	SR4	11/25/2018 8:01	23.30	75.9	5.38	1.1	SR4	11/25/2018 14:01	23.32	77.9	5.53	3.7	SR4	11/25/2018 20:01	23.24	75.4	5.36	2.9
SR4	11/25/2018 2:06	23.47	55.1	3.89	5.3	SR4	11/25/2018 8:06	23.30	79.4	5.64	3.2	SR4	11/25/2018 14:06	23.32	77.1	5.47	1.8	SR4	11/25/2018 20:06	23.24	75.9	5.40	2.2
SR4	11/25/2018 2:11	23.47	62.8	4.44	3.8	SR4	11/25/2018 8:11	23.30	79.6	5.65	4.9	SR4	11/25/2018 14:11	23.30	76.0	5.39	4.6	SR4	11/25/2018 20:11	23.24	75.8	5.40	2.7
SR4	11/25/2018 2:16	23.53	55.5	3.92	4.2	SR4	11/25/2018 8:16	23.31	78.9	5.60	5.0	SR4	11/25/2018 14:16	23.31	76.6	5.44	2.2	SR4	11/25/2018 20:16	23.24	75.2	5.35	2.4
SR4	11/25/2018 2:21	23.50	55.9	3.95	3.1	SR4	11/25/2018 8:21	23.30	79.3	5.62	4.9	SR4	11/25/2018 14:21	23.33	75.8	5.38	1.7	SR4	11/25/2018 20:21	23.23	75.4	5.36	2.2
SR4	11/25/2018 2:26	23.45	66.3	4.69	4.8	SR4	11/25/2018 8:26	23.30	79.2	5.62	3.3	SR4	11/25/2018 14:26	23.33	75.1	5.32	4.8	SR4	11/25/2018 20:26	23.24	75.3	5.36	1.6
SR4	11/25/2018 2:31	23.46	65.7	4.65	1.9	SR4	11/25/2018 8:31	23.28	78.7	5.59	3.3	SR4	11/25/2018 14:31	23.33	75.5	5.35	1.3	SR4	11/25/2018 20:31	23.24	74.7	5.32	2.0
SR4	11/25/2018 2:36	23.43	65.6	4.64	4.4	SR4	11/25/2018 8:36	23.29	78.5	5.57	2.8	SR4	11/25/2018 14:36	23.32	75.8	5.38	1.0	SR4	11/25/2018 20:36	23.24	75.2	5.35	2.6
SR4	11/25/2018 2:41	23.43	63.3	4.48	4.0	SR4	11/25/2018 8:41	23.29	78.7	5.59	2.4	SR4	11/25/2018 14:41	23.33	75.5	5.35	1.4	SR4	11/25/2018 20:41	23.23	74.5	5.30	1.5
SR4	11/25/2018 2:46	23.45	61.9	4.38	6.1	SR4	11/25/2018 8:46	23.28	78.8	5.60	3.1	SR4	11/25/2018 14:46	23.32	76.1	5.40	1.6	SR4	11/25/2018 20:46	23.24	75.1	5.34	2.2
SR4	11/25/2018 2:51	23.62	54.2	3.61	3.3	SR4	11/25/2018 8:51	23.28	79.0	5.61	1.8	SR4	11/25/2018 14:51	23.32	73.5	5.22	1.3	SR4	11/25/2018 20:51	23.24	74.9	5.33	1.6
SR4	11/25/2018 2:56	23.59	56.2	3.77	2.8	SR4	11/25/2018 8:56	23.30	79.0	5.60	2.8	SR4	11/25/2018 14:56	23.33	73.8	5.23	4.0	SR4	11/25/2018 20:56	23.24	75.0	5.33	3.5
SR4	11/25/2018 3:01	23.58	52.2	3.69	2.5	SR4	11/25/2018 9:01	23.29	78.8	5.59	4.3	SR4	11/25/2018 15:01	23.34	70.7	5.02	1.3	SR4	11/25/2018 21:01	23.25	75.0	5.33	2.6
SR4	11/25/2018 3:06	23.56	53.9	3.80	5.0	SR4	11/25/2018 9:06	23.29	78.5	5.57	3.1	SR4	11/25/2018 15:06	23.35	72.3	5.12	4.7	SR4	11/25/2018 21:06	23.25	74.6	5.31	2.7
SR4	11/25/2018 3:11	23.66	57.2	3.84	1.3	SR4	11/25/2018 9:11	23.31	78.2	5.55	3.8	SR4	11/25/2018 15:11	23.34	73.5	5.21	1.0	SR4	11/25/2018 21:11	23.26	74.6	5.31	3.4
SR4	11/25/2018 3:16	23.64	53.9	3.62	1.6	SR4	11/25/2018 9:16	23.30	78.2	5.55	2.5	SR4	11/25/2018 15:16	23.36	72.8	5.16	2.0	SR4	11/25/2018 21:16	23.25	74.4	5.29	1.5
SR4	11/25/2018 3:21	23.60	54.2	3.66	1.8	SR4	11/25/2018 9:21	23.32	77.9	5.53	4.0	SR4	11/25/2018 15:21	23.38	72.2	5.11	1.3	SR4	11/25/2018 21:21	23.25	74.3	5.29	1.3
SR4	11/25/2018 3:26	23.56	49.3	3.49	3.0	SR4	11/25/2018 9:26	23.31	78.1	5.54	2.9	SR4	11/25/2018 15:26	23.32	74.4	5.28	1.4	SR4	11/25/2018 21:26	23.25	74.9	5.32	1.2
SR4	11/25/2018 3:31	23.51	54.8	4.25	4.6	SR4	11/25/2018 9:31	23.28	77.8	5.52	2.5	SR4	11/25/2018 15:31	23.32	74.9	5.31	1.3	SR4	11/25/2018 21:31	23.25	74.5	5.30	1.4
SR4	11/25/2018 3:36	23.10	66.4	5.65	2.6	SR4	11/25/2018 9:36	23.30	78.2	5.55	2.7	SR4	11/25/2018 15:36	23.31	75.1	5.33	1.3	SR4	11/25/2018 21:36	23.26	75.0	5.33	3.2
SR4	11/25/2018 3:41	22.06	75.4	6.55	3.3	SR4	11/25/2018 9:41	23.31	77.6	5.51	2.7	SR4	11/25/2018 15:41	23.29	72.9	5.17	2.6	SR4	11/25/2018 21:41	23.26	73.8	5.25	5.3
SR4	11/25/2018 3:46	21.15	100.2	8.86	4.3	SR4	11/25/2018 9:46	23.31	77.4	5.49	1.8	SR4	11/25/2018 15:46	23.26	73.4	5.22	1.2	SR4	11/25/2018 21:46	23.26	73.9	5.26	2.2
SR4	11/25/2018 3:51	21.07	99.9	8.85	4.9	SR4	11/25/2018 9:51	23.31	77.8	5.52	2.1	SR4	11/25/2018 15:51	23.27	75.3	5.35	1.6	SR4	11/25/2018 21:51	23.25	74.0	5.26	1.5
SR4	11/25/2018 3:56	20.39	100.5	9.02	5.3	SR4	11/25/2018 9:56	23.29	77.8	5.52	1.1	SR4	11/25/2018 15:56	23.35	74.7	5.30	1.8	SR4	11/25/2018 21:56	23.26	74.4	5.29	1.4
SR4	11/25/2018 4:01	19.74	100.9	9.17	4.1	SR4	11/25/2018 10:01	23.33	77.1	5.47	2.0	SR4	11/25/2018 16:01	23.36	74.6	5.29	1.3	SR4	11/25/2018 22:01	23.26	74.0	5.26	1.3
SR4	11/25/2018 4:06	19.94	100.0	9.05	5.1	SR4	11/25/2018 10:06	23.33	76.9	5.46	2.2	SR4	11/25/2018 16:06	23.27	73.6	5.23	3.2	SR4	11/25/2018 22:06	23.26	74.5	5.30	1.2
SR4	11/25/2018 4:11	19.69	100.3	9.12	4.1	SR4	11/25/2018 10:11	23.33	77.1	5.47	1.4	SR4	11/25/2018 16:11	23.07	73.9	5.28	5.2	SR4	11/25/2018 22:11	23.26	74.0	5.26	1.7
SR4	11/25/2018 4:16	19.96	99.8	9.03	1.5	SR4	11/25/2018 10:16	23.31	77.2	5.47	1.8	SR4	11/25/2018 16:16	23.14	70.9	5.06	5.0	SR4	11/25/2018 22:16	23.26	73.9	5.25	1.1
SR4	11/25/2018 4:21	19.88	99.7	9.03	1.8	SR4	11/25/2018 10:21	23.32	77.2	5.48	2.3	SR4	11/25/2018 16:21	23.27	67.7	4.81	2.5	SR4	11/25/2018 22:21	23.26	73.7	5.24	1.2
SR4	11/25/2018 4:26	19.94	99.7	9.02	3.8	SR4	11/25/2018 10:26	23.31	77.5	5.50	2.0	SR4	11/25/2018 16:26	23.27	67.1	4.78	4.5	SR4	11/25/2018 22:26	23.26	74.3	5.28	1.2
SR4	11/25/2018 4:31	20.00	99.6	9.00	3.8	SR4	11/25/2018 10:31	23.32	77.2	5.48	1.8	SR4	11/25/2018 16:31	22.91	69.6	5.01	2.9	SR4	11/25/2018 22:31	23.26	73.2	5.21	2.5
SR4	11/25/2018 4:36	19.61	99.8	9.10	4.6	SR4	11/25/2018 10:36	23.32	77.1	5.47	2.2	SR4	11/25/2018 16:36	23.00	70.9	5.08	3.7	SR4	11/25/2018 22:36	23.26	72.9	5.18	3.3
SR4	11/25/2018 4:41	19.45	99.9	9.13	3.3	SR4	11/25/2018 10:41	23.32	77.0	5.47	3.2	SR4	11/25/2018 16:41	23.21	74.1	5.28	4.5	SR4	11/25/2018 22:41	23.26	74.2	5.27	1.2
SR4	11/25/2018 4:46	19.70	99.6	9.06	5.1	SR4	11/25/2018 10:46	23.32	76.9	5.46	2.8	SR4	11/25/2018 16:46	22.81	72.0	5.18	5.3	SR4	11/25/2018 22:46	23.26	73.5	5.23	3.9
SR4	11/25/2018 4:51	19.75	99.7	9.05	1.8	SR4	11/25/2018 10:51	23.33	77.2	5.47	2.6	SR4	11/25/2018 16:51	23.01	72.3	5.18	4.3	SR4	11/25/2018 22:51	23.27	74.4	5.29	1.8
SR4	11/25/2018 4:56	19.39	100.1	9.16	2.6	SR4	11/25/2018 10:56	23.33	75.5	5.35	1.8	SR4	11/25/2018 16:56	23.17	72.8	5.19	4.0	SR4	11/25/2018 22:56	23.27	73.7	5.24	1.1
SR4	11/25/2018 5:01	19.46	99.9	9.12	1.8	SR4	11/25/2018 11:01	23.32	77.1	5.46	1.4	SR4	11/25/2018 17:01	23.29	73.0	5.19	1.5	SR4	11/25/2018 23:01	23.26	72.9	5.18	4.4
SR4	11/25/2018 5:06	19.46	99.9	9.13	3.7	SR4	11/25/2018 11:06	23.33	76.7	5.44	2.3	SR4	11/25/2018 17:06	23.25	73.3	5.21	1.8	SR4	11/25/2018 23:06	23.25	73.0	5.19	1.5
SR4	11/25/2018 5:11	19.26	100.0	9.17	3.0	SR4	11/25/2018 11:11	23.33	76.6	5.43	2.0	SR4	11/25/2018 17:11	23.30	72.8	5.17	1.1	SR4	11/25/2018 23:11	23.22	74.3	5.29	4.2
SR4	11/25/2018 5:16	19.41	99.9	9.14	2.4	SR4	11/25/2018 11:16	23.33	76.5	5.43	2.3	SR4	11/25/2018 17:16	23.29	72.3	5.14	1.4	SR4	11/25/2018 23:16	23.23	75.6	5.38	1.1
SR4	11/25/2018 5:21	19.55	99.8	9.10	3.1	SR4	11/25/2018 11:21	23.33	75.5	5.35	1.4	SR4	11/25/2018 17:21	23.31	74.6	5.30	2.6	SR4	11/25/2018 23:21	23.21	75.6	5.38	3.7
SR4	11/25/2018 5:26	19.54	99.9	9.11	2.4	SR4	11/25/2018 11:26	23.32	76.2	5.41	1.2	SR4	11/25/2018 17:26	23.22	73.3	5.22	1.1	SR4	11/25/2018 23:26	23.20	76.4	5.44	4.1
SR4	11/25/2018 5:31	19.50	99.9	9.12	3.8	SR4	11/25/2018 11:31	23.31	76.3	5.41	3.5	SR4	11/25/2018 17:31	23.16	72.8	5.20	4.6	SR4	11/25/2018 23:31	23.22	76.0	5.41	4.9
SR4	11/25/2018 5:36	19.53	99.9	9.11	5.4	SR4	11/25/2018 11:36	23.33	75.4	5.35	1.8	SR4	11/25/2018 17:36	23.05	70.7	5.07	1.3	SR4	11/25/2018 23:36	23.21	76.4	5.44	4.1
SR4	11/25/2018 5:41	19.44	99.9	9.13	2.8	SR4	11/25/2018 11:41	23.34	75.5	5.35	1.0	SR4	11/25/2018 17:41	23.19	70.9	5.06	1.1	SR4	11/25/2018 23:41	23.21	76.3	5.43	3.5
SR4	11/25/2018 5:46	19.57	99.9	9.10	4.9	SR4	11/25/2018 11:46	23.34	76.5	5.42	1.9	SR4	11/25/2018 17:46	23.28	70.2	4.99	2.9	SR4	11/25/2018 23:46	23.20	75.6	5.38	2.3
SR4	11/25/2018 5:51	19.76	99.8	9.06	1.2	SR4	11/25/2018 11:51	23.33	75.2	5.33	1.6	SR4	11/25/2018 17:51	23.13	71.2	5.09	4.4	SR4	11/25/2018 23:51	23.20	70.4	5.01	3.4
SR4	11/25/2018 5:56	19.78	99.8	9.06	1.7	SR4	11/25/2018 11:56	23.33	76.6	5.43	2.6	SR4	11/25/2018 17:56	23.14	70.9	5.07	1.5	SR4	11/25/2018 23:56	23.18	73.7	5.25	4.6

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	11/25/2018 0:00	23.66	76.1	5.39	4.1	SR5	11/25/2018 6:00	23.11	85.5	6.48	3.5	SR5	11/25/2018 12:00	23.60	77.2	5.48	4.2	SR5	11/25/2018 18:00	23.54	77.4	5.51	4.2
SR5	11/25/2018 0:05	23.64	75.9	**5.38**	4.8	SR5	11/25/2018 6:05	22.84	86.0	6.56	2.7	SR5	11/25/2018 12:05	23.60	79.2	5.62	3.8	SR5	11/25/2018 18:05	23.64	77.2	5.48	3.8
SR5	11/25/2018 0:10	23.69	77.5	5.49	4.5	SR5	11/25/2018 6:10	22.64	87.4	6.70	3.5	SR5	11/25/2018 12:10	23.58	78.5	5.56	4.4	SR5	11/25/2018 18:10	23.57	76.5	5.42	4.6
SR5	11/25/2018 0:15	23.69	76.5	5.42	4.6	SR5	11/25/2018 6:15	22.70	86.2	6.61	2.7	SR5	11/25/2018 12:15	23.62	78.7	5.58	4.5	SR5	11/25/2018 18:15	23.63	76.9	5.46	5.1
SR5	11/25/2018 0:20	23.66	78.7	5.58	4.6	SR5	11/25/2018 6:20	22.61	84.8	6.52	3.1	SR5	11/25/2018 12:20	23.63	77.3	5.48	3.9	SR5	11/25/2018 18:20	23.57	77.4	5.50	3.2
SR5	11/25/2018 0:25	23.64	78.1	5.53	4.0	SR5	11/25/2018 6:25	22.86	86.8	6.62	3.4	SR5	11/25/2018 12:25	23.62	76.4	5.42	4.3	SR5	11/25/2018 18:25	23.59	76.9	5.46	3.3
SR5	11/25/2018 0:30	23.70	78.0	5.53	4.4	SR5	11/25/2018 6:30	23.32	82.8	6.23	7.8	SR5	11/25/2018 12:30	23.60	78.3	5.56	4.3	SR5	11/25/2018 18:30	23.56	77.2	5.48	4.1
SR5	11/25/2018 0:35	23.65	76.1	5.39	4.0	SR5	11/25/2018 6:35	23.19	83.9	6.33	2.3	SR5	11/25/2018 12:35	23.62	79.4	5.63	4.0	SR5	11/25/2018 18:35	23.58	79.2	5.62	3.8
SR5	11/25/2018 0:40	23.65	77.8	5.51	3.7	SR5	11/25/2018 6:40	23.31	81.1	6.10	3.5	SR5	11/25/2018 12:40	23.58	77.4	5.49	3.5	SR5	11/25/2018 18:40	23.56	76.8	5.45	3.7
SR5	11/25/2018 0:45	23.63	77.7	5.51	4.9	SR5	11/25/2018 6:45	23.55	82.4	6.13	4.0	SR5	11/25/2018 12:45	23.58	78.2	5.55	3.7	SR5	11/25/2018 18:45	23.61	78.8	5.60	3.3
SR5	11/25/2018 0:50	23.67	77.2	5.47	4.1	SR5	11/25/2018 6:50	23.56	79.7	5.66	4.3	SR5	11/25/2018 12:50	23.59	79.4	5.63	3.5	SR5	11/25/2018 18:50	23.55	80.0	5.68	4.2
SR5	11/25/2018 0:55	23.67	77.2	5.47	5.3	SR5	11/25/2018 6:55	23.59	78.9	5.59	3.3	SR5	11/25/2018 12:55	23.61	79.5	5.64	3.8	SR5	11/25/2018 18:55	23.58	77.7	5.52	3.7
SR5	11/25/2018 1:00	23.64	77.1	5.46	4.4	SR5	11/25/2018 7:00	23.58	81.3	5.76	4.7	SR5	11/25/2018 13:00	23.61	76.4	5.42	3.6	SR5	11/25/2018 19:00	23.59	76.9	5.46	4.2
SR5	11/25/2018 1:05	23.66	78.1	5.53	3.4	SR5	11/25/2018 7:05	23.58	81.3	5.77	4.0	SR5	11/25/2018 13:05	23.62	78.1	5.54	4.3	SR5	11/25/2018 19:05	23.61	76.7	5.45	4.2
SR5	11/25/2018 1:10	23.69	76.1	5.39	3.9	SR5	11/25/2018 7:10	23.58	79.9	5.66	4.5	SR5	11/25/2018 13:10	23.61	76.2	5.41	3.8	SR5	11/25/2018 19:10	23.63	79.0	5.61	4.3
SR5	11/25/2018 1:15	23.68	77.3	5.47	3.8	SR5	11/25/2018 7:15	23.59	78.6	5.58	6.4	SR5	11/25/2018 13:15	23.57	79.3	5.63	3.7	SR5	11/25/2018 19:15	23.62	77.3	5.48	4.3
SR5	11/25/2018 1:20	23.68	78.6	5.57	3.5	SR5	11/25/2018 7:20	23.62	78.0	5.53	4.8	SR5	11/25/2018 13:20	23.60	79.9	5.67	3.9	SR5	11/25/2018 19:20	23.55	79.0	5.61	3.7
SR5	11/25/2018 1:25	23.65	77.7	5.51	4.7	SR5	11/25/2018 7:25	23.59	76.8	5.45	3.5	SR5	11/25/2018 13:25	23.58	77.6	5.50	4.7	SR5	11/25/2018 19:25	23.57	78.1	5.55	4.1
SR5	11/25/2018 1:30	23.69	77.1	5.46	5.2	SR5	11/25/2018 7:30	23.60	77.2	5.47	3.8	SR5	11/25/2018 13:30	23.57	78.7	5.58	4.4	SR5	11/25/2018 19:30	23.60	77.6	5.51	4.3
SR5	11/25/2018 1:35	23.67	76.7	5.52	5.2	SR5	11/25/2018 7:35	23.60	77.8	5.52	4.4	SR5	11/25/2018 13:35	23.62	79.4	5.63	5.8	SR5	11/25/2018 19:35	23.61	79.6	5.65	4.3
SR5	11/25/2018 1:40	23.69	78.1	5.62	4.7	SR5	11/25/2018 7:40	23.57	80.5	5.71	4.2	SR5	11/25/2018 13:40	23.59	78.3	5.56	2.2	SR5	11/25/2018 19:40	23.61	79.0	5.61	3.8
SR5	11/25/2018 1:45	23.65	77.7	5.59	4.4	SR5	11/25/2018 7:45	23.60	78.6	5.58	4.5	SR5	11/25/2018 13:45	23.62	77.6	5.51	2.2	SR5	11/25/2018 19:45	23.57	79.4	5.64	3.7
SR5	11/25/2018 1:50	23.69	77.8	5.60	3.7	SR5	11/25/2018 7:50	23.63	80.4	5.71	3.5	SR5	11/25/2018 13:50	23.59	80.2	5.69	3.2	SR5	11/25/2018 19:50	23.58	79.7	5.66	4.9
SR5	11/25/2018 1:55	23.65	77.3	5.56	4.0	SR5	11/25/2018 7:55	23.57	79.5	5.64	4.0	SR5	11/25/2018 13:55	23.63	79.4	5.64	3.2	SR5	11/25/2018 19:55	23.61	76.6	5.44	4.0
SR5	11/25/2018 2:00	23.66	77.8	5.60	5.1	SR5	11/25/2018 8:00	23.56	78.1	5.54	4.0	SR5	11/25/2018 14:00	23.60	78.0	5.53	4.1	SR5	11/25/2018 20:00	23.61	78.4	5.57	4.5
SR5	11/25/2018 2:05	23.68	77.0	5.54	4.6	SR5	11/25/2018 8:05	23.58	79.1	5.61	4.2	SR5	11/25/2018 14:05	23.57	80.8	5.73	4.4	SR5	11/25/2018 20:05	23.58	78.5	5.57	3.4
SR5	11/25/2018 2:10	23.64	77.8	5.60	4.6	SR5	11/25/2018 8:10	23.57	78.3	5.55	4.3	SR5	11/25/2018 14:10	23.57	78.2	5.55	4.2	SR5	11/25/2018 20:10	23.62	78.5	5.58	4.1
SR5	11/25/2018 2:15	23.67	78.0	5.61	4.7	SR5	11/25/2018 8:15	23.59	79.7	5.65	4.1	SR5	11/25/2018 14:15	23.58	78.2	5.55	3.6	SR5	11/25/2018 20:15	23.56	78.8	5.59	4.5
SR5	11/25/2018 2:20	23.65	78.0	5.61	3.7	SR5	11/25/2018 8:20	23.62	80.8	5.73	4.0	SR5	11/25/2018 14:20	23.62	79.3	5.62	4.1	SR5	11/25/2018 20:20	23.59	76.5	5.43	4.3
SR5	11/25/2018 2:25	23.68	76.6	5.51	4.5	SR5	11/25/2018 8:25	23.59	79.6	5.65	4.1	SR5	11/25/2018 14:25	23.58	79.9	5.66	3.9	SR5	11/25/2018 20:25	23.62	79.8	5.67	3.5
SR5	11/25/2018 2:30	23.68	77.0	5.54	3.3	SR5	11/25/2018 8:30	23.57	78.3	5.55	3.8	SR5	11/25/2018 14:30	23.61	78.0	5.53	3.6	SR5	11/25/2018 20:30	23.57	79.2	5.63	3.8
SR5	11/25/2018 2:35	23.63	78.1	5.62	4.4	SR5	11/25/2018 8:35	23.57	80.4	5.71	3.6	SR5	11/25/2018 14:35	23.59	79.7	5.66	4.6	SR5	11/25/2018 20:35	23.59	76.2	5.41	4.5
SR5	11/25/2018 2:40	23.68	77.7	5.59	4.7	SR5	11/25/2018 8:40	23.59	78.7	5.58	4.5	SR5	11/25/2018 14:40	23.59	79.1	5.61	4.1	SR5	11/25/2018 20:40	23.61	75.7	**5.37**	3.4
SR5	11/25/2018 2:45	23.62	77.3	5.56	4.6	SR5	11/25/2018 8:45	23.56	78.6	5.58	5.0	SR5	11/25/2018 14:45	23.61	77.0	5.46	3.6	SR5	11/25/2018 20:45	23.61	76.2	5.41	3.5
SR5	11/25/2018 2:50	23.71	77.6	5.58	4.9	SR5	11/25/2018 8:50	23.61	79.1	5.61	3.7	SR5	11/25/2018 14:50	23.62	76.7	5.44	3.4	SR5	11/25/2018 20:50	23.61	77.1	5.47	4.1
SR5	11/25/2018 2:55	23.68	76.9	5.53	5.0	SR5	11/25/2018 8:55	23.57	80.1	5.68	4.7	SR5	11/25/2018 14:55	23.63	76.5	5.42	4.7	SR5	11/25/2018 20:55	23.56	77.3	5.49	3.9
SR5	11/25/2018 3:00	23.70	76.6	5.51	4.2	SR5	11/25/2018 9:00	23.62	80.9	5.74	4.7	SR5	11/25/2018 15:00	23.58	78.8	5.59	3.6	SR5	11/25/2018 21:00	23.57	78.0	5.54	3.5
SR5	11/25/2018 3:05	23.70	77.8	5.60	4.8	SR5	11/25/2018 9:05	23.58	78.8	5.59	4.4	SR5	11/25/2018 15:05	23.62	78.6	5.58	4.9	SR5	11/25/2018 21:05	23.58	76.3	5.42	4.7
SR5	11/25/2018 3:10	23.68	78.1	5.62	3.7	SR5	11/25/2018 9:10	23.63	79.2	5.62	4.4	SR5	11/25/2018 15:10	23.60	78.3	5.55	3.2	SR5	11/25/2018 21:10	23.60	78.5	5.58	4.1
SR5	11/25/2018 3:15	23.66	77.7	5.59	4.2	SR5	11/25/2018 9:15	23.57	81.0	5.75	3.8	SR5	11/25/2018 15:15	23.59	78.5	5.57	4.3	SR5	11/25/2018 21:15	23.59	78.6	5.58	3.5
SR5	11/25/2018 3:20	23.68	76.7	5.52	4.5	SR5	11/25/2018 9:20	23.59	80.1	5.69	4.4	SR5	11/25/2018 15:20	23.64	79.3	5.62	3.1	SR5	11/25/2018 21:20	23.61	75.5	**5.37**	4.1
SR5	11/25/2018 3:25	23.65	78.0	5.61	3.9	SR5	11/25/2018 9:25	23.57	78.0	5.53	4.1	SR5	11/25/2018 15:25	23.58	77.9	5.53	4.2	SR5	11/25/2018 21:25	23.55	79.1	5.61	3.6
SR5	11/25/2018 3:30	23.65	77.4	5.57	5.2	SR5	11/25/2018 9:30	23.61	79.4	5.63	3.6	SR5	11/25/2018 15:30	23.62	78.0	5.53	3.8	SR5	11/25/2018 21:30	23.62	78.6	5.58	4.3
SR5	11/25/2018 3:35	23.51	76.6	5.67	3.7	SR5	11/25/2018 9:35	23.57	77.4	5.49	4.9	SR5	11/25/2018 15:35	23.58	79.2	5.63	4.5	SR5	11/25/2018 21:35	23.62	81.5	5.79	3.8
SR5	11/25/2018 3:40	23.25	78.4	5.86	4.3	SR5	11/25/2018 9:40	23.59	80.5	5.71	3.6	SR5	11/25/2018 15:40	23.62	78.8	5.59	3.4	SR5	11/25/2018 21:40	23.62	77.9	5.53	5.3
SR5	11/25/2018 3:45	23.06	85.4	6.49	5.5	SR5	11/25/2018 9:45	23.62	79.4	5.63	3.3	SR5	11/25/2018 15:45	23.58	79.8	5.66	4.1	SR5	11/25/2018 21:45	23.61	76.4	5.43	4.7
SR5	11/25/2018 3:50	23.04	85.3	6.49	4.6	SR5	11/25/2018 9:50	23.62	78.7	5.58	3.7	SR5	11/25/2018 15:50	23.58	78.3	5.56	4.2	SR5	11/25/2018 21:50	23.59	77.0	5.47	3.9
SR5	11/25/2018 3:55	22.85	86.8	6.63	5.5	SR5	11/25/2018 9:55	23.62	80.6	5.72	3.5	SR5	11/25/2018 15:55	23.59	77.9	5.53	3.7	SR5	11/25/2018 21:55	23.60	75.0	**5.33**	4.2
SR5	11/25/2018 4:00	22.74	87.3	6.70	4.9	SR5	11/25/2018 10:00	23.59	80.2	5.69	4.7	SR5	11/25/2018 16:00	23.61	77.9	5.53	3.5	SR5	11/25/2018 22:00	23.60	71.3	**5.07**	3.8
SR5	11/25/2018 4:05	22.73	85.7	6.57	5.2	SR5	11/25/2018 10:05	23.63	79.0	5.61	4.3	SR5	11/25/2018 16:05	23.63	77.6	5.51	4.9	SR5	11/25/2018 22:05	23.62	78.3	5.56	4.1
SR5	11/25/2018 4:10	22.68	84.6	6.50	5.1	SR5	11/25/2018 10:10	23.59	79.6	5.65	3.8	SR5	11/25/2018 16:10	23.51	77.9	5.54	4.9	SR5	11/25/2018 22:10	23.59	76.5	5.43	4.1
SR5	11/25/2018 4:15	22.76	87.1	6.66	3.9	SR5	11/25/2018 10:15	23.64	77.6	5.50	3.9	SR5	11/25/2018 16:15	23.52	76.0	5.40	4.8	SR5	11/25/2018 22:15	23.61	73.5	**5.22**	2.7
SR5	11/25/2018 4:20	22.75	86.3	6.61	3.8	SR5	11/25/2018 10:20	23.61	77.2	5.48	4.7	SR5	11/25/2018 16:20	23.62	76.9	5.46	3.8	SR5	11/25/2018 22:20	23.61	75.9	**5.38**	3.8
SR5	11/25/2018 4:25	22.74	85.2	6.53	4.7	SR5	11/25/2018 10:25	23.62	78.4	5.56	4.0	SR5	11/25/2018 16:25	23.57	75.8	**5.38**	4.3	SR5	11/25/2018 22:25	23.63	78.3	5.55	4.0
SR5	11/25/2018 4:30	22.77	85.3	6.53	5.2	SR5	11/25/2018 10:30	23.57	77.3	5.48	5.7	SR5	11/25/2018 16:30	23.50	77.6	5.52	4.4	SR5	11/25/2018 22:30	23.61	71.8	**5.10**	3.8
SR5	11/25/2018 4:35	22.69	84.2	6.47	3.1	SR5	11/25/2018 10:35	23.64	80.1	5.68	3.3	SR5	11/25/2018 16:35	23.54	77.3	5.50	4.4	SR5	11/25/2018 22:35	23.59	80.0	5.69	4.9
SR5	11/25/2018 4:40	22.64	86.0	6.61	2.3	SR5	11/25/2018 10:40	23.62	78.2	5.55	4.6	SR5	11/25/2018 16:40	23.57	77.5	5.50	4.2	SR5	11/25/2018 22:40	23.57	83.1	5.89	4.5
SR5	11/25/2018 4:45	22.68	86.4	6.63	2.9	SR5	11/25/2018 10:45	23.57	78.1	5.54	4.1	SR5	11/25/2018 16:45	23.50	78.9	5.62	5.2	SR5	11/25/2018 22:45	23.58	80.7	5.73	3.8
SR5	11/25/2018 4:50	22.68	87.5	6.71	2.8	SR5	11/25/2018 10:50	23.63	79.0	5.60	3.6	SR5	11/25/2018 16:50	23.55	77.0	5.47	5.3	SR5	11/25/2018 22:50	23.58	76.0	5.39	4.7
SR5	11/25/2018 4:55	22.61	87.7	6.74	2.7	SR5	11/25/2018 10:55	23.59	79.3	5.63	3.3	SR5	11/25/2018 16:55	23.58	78.7	5.59	4.2	SR5	11/25/2018 22:55	23.59	76.5	5.43	3.8
SR5	11/25/2018 5:00	22.61	87.4	6.71	2.3	SR5	11/25/2018 11:00	23.61	79.8	5.66	3.4	SR5	11/25/2018 17:00	23.57	78.6	5.58	3.9	SR5	11/25/2018 23:00	23.60	77.2	5.48	4.0
SR5	11/25/2018 5:05	22.62	87.0	6.69	2.9	SR5	11/25/2018 11:05	23.61	77.5	5.49	3.8	SR5	11/25/2018 17:05	23.58	77.7	5.52	3.1	SR5	11/25/2018 23:05	23.58	79.2	5.62	3.6
SR5	11/25/2018 5:10	22.57	85.7	6.60	2.4	SR5	11/25/2018 11:10	23.58	78.7	5.58	3.5	SR5	11/25/2018 17:10	23.60	77.9	5.53	3.7	SR5	11/25/2018 23:10	23.54	78.2	5.55	2.9
SR5	11/25/2018 5:15	22.63	85.4	6.57	3.5	SR5	11/25/2018 11:15	23.59	79.3	5.63	3.9	SR5	11/25/2018 17:15	23.62	77.4	5.50	1.7	SR5	11/25/2018 23:15	23.61	76.9	5.46	2.6
SR5	11/25/2018 5:20	22.68	85.5	6.56	3.2	SR5	11/25/2018 11:20	23.63	79.4	5.63	3.5	SR5	11/25/2018 17:20	23.57	77.5	5.50	4.2	SR5	11/25/2018 23:20	23.58	77.4	5.50	3.3
SR5	11/25/2018 5:25	22.62	86.7	6.66	3.2	SR5	11/25/2018 11:25	23.58	77.8	5.52	3.5	SR5	11/25/2018 17:25	23.61	76.9	5.46	3.9	SR5	11/25/2018 23:25	23.51	78.7	5.60	3.5
SR5	11/25/2018 5:30	22.63	85.5	6.57	2.9	SR5	11/25/2018 11:30	23.63	78.7	5.58	4.6	SR5	11/25/2018 17:30	23.58	76.3	5.42	5.2	SR5	11/25/2018 23:30	23.54	77.8	5.53	2.9
SR5	11/25/2018 5:35	22.66	84.8	6.53	3.5	SR5	11/25/2018 11:35	23.64	77.1	5.47	4.4	SR5	11/25/2018 17:35	23.52	76.2	5.42	4.1	SR5	11/25/2018 23:35	23.56	76.6	5.44	3.1
SR5	11/25/2018 5:40	22.66	84.9	6.53	3.3	SR5	11/25/2018 11:40	23.59	79.7	5.65	4.3	SR5	11/25/2018 17:40	23.58	76.8	5.46	3.3	SR5	11/25/2018 23:40	23.54	77.4	5.50	3.8
SR5	11/25/2018 5:45	22.63	84.9	6.53	3.9	SR5	11/25/2018 11:45	23.59	77.0	5.46	3.6	SR5	11/25/2018 17:45	23.56	77.3	5.49	4.4	SR5	11/25/2018 23:45	23.55	76.9	5.46	3.6
SR5	11/25/2018 5:50	22.69	87.5	6.70	2.5	SR5	11/25/2018 11:50	23.64	78.3	5.55	3.2	SR5	11/25/2018 17:50	23.54	79.0	5.61	4.7	SR5	11/25/2018 23:50	23.57	76.8	5.46	3.3
SR5	11/25/2018 5:55	22.71	87.4	6.70	2.2	SR5	11/25/2018 11:55	23.62	76.6	5.43	4.1	SR5	11/25/2018 17:55	23.58	76.3	5.43	3.7	SR5	11/25/2018 23:55	23.53	76.7	5.45	3.1

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	11/25/2018 0:01	24.26	75.6	5.27	7.4	SR12	11/25/2018 6:01	24.11	83.1	5.81	5.2	SR12	11/25/2018 12:01	24.17	75.1	5.24	8.2	SR12	11/25/2018 18:01	24.16	77.8	5.44	8.9
SR12	11/25/2018 0:06	24.26	75.3	5.25	8.8	SR12	11/25/2018 6:06	24.10	82.5	5.76	2.3	SR12	11/25/2018 12:06	24.16	75.3	5.26	9.2	SR12	11/25/2018 18:06	24.16	77.2	5.39	9.7
SR12	11/25/2018 0:11	24.25	77.4	5.39	9.0	SR12	11/25/2018 6:11	24.10	82.9	5.79	2.0	SR12	11/25/2018 12:11	24.15	76.0	5.31	7.9	SR12	11/25/2018 18:11	24.16	76.9	5.37	9.1
SR12	11/25/2018 0:16	24.24	77.5	5.41	7.9	SR12	11/25/2018 6:16	24.11	82.2	5.74	2.2	SR12	11/25/2018 12:16	24.15	76.5	5.34	7.7	SR12	11/25/2018 18:16	24.16	77.6	5.42	9.8
SR12	11/25/2018 0:21	24.24	77.8	5.42	7.5	SR12	11/25/2018 6:21	24.10	82.4	5.76	2.2	SR12	11/25/2018 12:21	24.16	76.1	5.31	9.7	SR12	11/25/2018 18:21	24.17	77.4	5.40	7.0
SR12	11/25/2018 0:26	24.24	77.5	5.41	8.0	SR12	11/25/2018 6:26	24.10	81.7	5.71	2.1	SR12	11/25/2018 12:26	24.16	75.2	5.25	9.6	SR12	11/25/2018 18:26	24.16	77.4	5.41	8.2
SR12	11/25/2018 0:31	24.24	77.2	5.39	7.5	SR12	11/25/2018 6:31	24.10	81.2	5.68	3.0	SR12	11/25/2018 12:31	24.14	76.5	5.35	8.3	SR12	11/25/2018 18:31	24.16	77.5	5.41	9.2
SR12	11/25/2018 0:36	24.24	77.3	5.39	8.8	SR12	11/25/2018 6:36	24.12	81.5	5.69	2.9	SR12	11/25/2018 12:36	24.15	76.7	5.36	**10.2**	SR12	11/25/2018 18:36	24.17	77.2	5.39	9.5
SR12	11/25/2018 0:41	24.24	77.4	5.40	8.7	SR12	11/25/2018 6:41	24.11	81.0	5.67	2.7	SR12	11/25/2018 12:41	24.16	75.7	5.29	9.6	SR12	11/25/2018 18:41	24.16	76.6	5.35	8.9
SR12	11/25/2018 0:46	24.24	77.4	5.40	7.5	SR12	11/25/2018 6:46	24.11	82.2	5.74	8.2	SR12	11/25/2018 12:46	24.14	76.6	5.35	9.4	SR12	11/25/2018 18:46	24.15	76.8	5.37	9.5
SR12	11/25/2018 0:51	24.24	77.5	5.41	9.4	SR12	11/25/2018 6:51	24.11	82.1	5.74	8.4	SR12	11/25/2018 12:51	24.16	76.2	5.32	8.3	SR12	11/25/2018 18:51	24.16	76.4	5.34	8.6
SR12	11/25/2018 0:56	24.23	78.0	5.44	8.7	SR12	11/25/2018 6:56	24.11	82.2	5.75	7.7	SR12	11/25/2018 12:56	24.16	76.1	5.31	8.2	SR12	11/25/2018 18:56	24.16	76.6	5.35	7.4
SR12	11/25/2018 1:01	24.24	77.5	5.40	7.7	SR12	11/25/2018 7:01	24.11	81.6	5.70	8.6	SR12	11/25/2018 13:01	24.17	76.0	5.31	8.5	SR12	11/25/2018 19:01	24.16	76.3	5.33	9.8
SR12	11/25/2018 1:06	24.23	78.1	5.45	7.7	SR12	11/25/2018 7:06	24.13	81.5	5.70	8.1	SR12	11/25/2018 13:06	24.16	76.0	5.30	7.7	SR12	11/25/2018 19:06	24.16	75.9	5.30	8.1
SR12	11/25/2018 1:11	24.23	77.9	5.43	9.0	SR12	11/25/2018 7:11	24.11	80.7	5.64	9.3	SR12	11/25/2018 13:11	24.16	76.2	5.32	7.6	SR12	11/25/2018 19:11	24.16	76.4	5.34	8.0
SR12	11/25/2018 1:16	24.23	77.8	5.42	7.5	SR12	11/25/2018 7:16	24.12	80.3	5.61	7.5	SR12	11/25/2018 13:16	24.16	76.2	5.32	7.7	SR12	11/25/2018 19:16	24.16	75.9	5.30	8.8
SR12	11/25/2018 1:21	24.24	77.2	5.39	9.0	SR12	11/25/2018 7:21	24.11	79.9	5.58	8.5	SR12	11/25/2018 13:21	24.16	76.5	5.34	7.7	SR12	11/25/2018 19:21	24.16	76.1	5.32	8.7
SR12	11/25/2018 1:26	24.24	77.0	5.37	8.0	SR12	11/25/2018 7:26	24.12	79.7	5.57	7.9	SR12	11/25/2018 13:26	24.16	76.4	5.34	8.7	SR12	11/25/2018 19:26	24.16	75.4	5.27	7.6
SR12	11/25/2018 1:31	24.24	76.6	5.34	8.6	SR12	11/25/2018 7:31	24.14	79.3	5.54	8.4	SR12	11/25/2018 13:31	24.15	76.8	5.37	7.9	SR12	11/25/2018 19:31	24.15	75.9	5.31	9.4
SR12	11/25/2018 1:36	24.24	76.5	5.34	9.7	SR12	11/25/2018 7:36	24.14	78.9	5.51	8.4	SR12	11/25/2018 13:36	24.15	78.3	5.47	3.2	SR12	11/25/2018 19:36	24.15	76.1	5.32	9.0
SR12	11/25/2018 1:41	24.24	76.4	5.33	8.9	SR12	11/25/2018 7:41	24.13	79.3	5.54	8.8	SR12	11/25/2018 13:41	24.16	78.0	5.45	1.1	SR12	11/25/2018 19:41	24.15	76.0	5.31	8.1
SR12	11/25/2018 1:46	24.23	76.5	5.33	7.9	SR12	11/25/2018 7:46	24.13	79.4	5.55	9.7	SR12	11/25/2018 13:46	24.16	78.3	5.47	1.5	SR12	11/25/2018 19:46	24.16	75.9	5.31	8.8
SR12	11/25/2018 1:51	24.21	77.8	5.43	8.7	SR12	11/25/2018 7:51	24.14	78.8	5.50	8.0	SR12	11/25/2018 13:51	24.16	77.8	5.44	7.6	SR12	11/25/2018 19:51	24.15	76.3	5.34	8.3
SR12	11/25/2018 1:56	24.21	78.1	5.45	9.1	SR12	11/25/2018 7:56	24.15	78.3	5.47	7.6	SR12	11/25/2018 13:56	24.15	77.6	5.42	7.9	SR12	11/25/2018 19:56	24.15	76.0	5.32	9.5
SR12	11/25/2018 2:01	24.22	77.0	5.37	9.5	SR12	11/25/2018 8:01	24.14	78.3	5.47	8.9	SR12	11/25/2018 14:01	24.15	77.8	5.43	7.8	SR12	11/25/2018 20:01	24.15	75.6	5.28	9.0
SR12	11/25/2018 2:06	24.20	78.5	5.48	8.1	SR12	11/25/2018 8:06	24.14	78.7	5.50	9.4	SR12	11/25/2018 14:06	24.16	77.9	5.44	8.1	SR12	11/25/2018 20:06	24.15	75.3	5.26	7.7
SR12	11/25/2018 2:11	24.21	78.2	5.46	8.4	SR12	11/25/2018 8:11	24.13	78.3	5.47	8.6	SR12	11/25/2018 14:11	24.14	78.3	5.47	9.4	SR12	11/25/2018 20:11	24.15	75.6	5.29	8.0
SR12	11/25/2018 2:16	24.21	78.3	5.46	8.7	SR12	11/25/2018 8:16	24.13	78.6	5.49	7.5	SR12	11/25/2018 14:16	24.11	78.9	5.52	8.3	SR12	11/25/2018 20:16	24.14	75.4	5.27	8.6
SR12	11/25/2018 2:21	24.21	77.9	5.43	7.5	SR12	11/25/2018 8:21	24.13	78.8	5.51	7.5	SR12	11/25/2018 14:21	24.14	77.5	5.42	9.4	SR12	11/25/2018 20:21	24.14	75.3	5.27	9.0
SR12	11/25/2018 2:26	24.20	77.4	5.40	7.9	SR12	11/25/2018 8:26	24.13	78.3	5.47	9.7	SR12	11/25/2018 14:26	24.14	78.4	5.48	7.5	SR12	11/25/2018 20:26	24.13	75.7	5.29	9.6
SR12	11/25/2018 2:31	24.20	78.7	5.49	8.5	SR12	11/25/2018 8:31	24.12	78.2	5.47	7.6	SR12	11/25/2018 14:31	24.15	78.3	5.47	9.5	SR12	11/25/2018 20:31	24.13	74.6	5.22	7.0
SR12	11/25/2018 2:36	24.20	78.1	5.45	7.7	SR12	11/25/2018 8:36	24.13	77.8	5.44	8.6	SR12	11/25/2018 14:36	24.14	78.8	5.51	9.6	SR12	11/25/2018 20:36	24.13	74.9	5.24	9.6
SR12	11/25/2018 2:41	24.20	78.0	5.44	9.1	SR12	11/25/2018 8:41	24.12	78.0	5.45	8.1	SR12	11/25/2018 14:41	24.12	79.0	5.53	9.5	SR12	11/25/2018 20:41	24.13	74.4	5.20	7.9
SR12	11/25/2018 2:46	24.19	78.6	5.49	8.4	SR12	11/25/2018 8:46	24.12	78.1	5.46	9.6	SR12	11/25/2018 14:46	24.14	77.8	5.44	8.4	SR12	11/25/2018 20:46	24.13	74.8	5.23	8.5
SR12	11/25/2018 2:51	24.19	79.3	5.54	9.5	SR12	11/25/2018 8:51	24.12	77.9	5.44	8.7	SR12	11/25/2018 14:51	24.13	78.4	5.48	7.7	SR12	11/25/2018 20:51	24.13	74.8	5.23	**10.2**
SR12	11/25/2018 2:56	24.19	78.6	5.49	9.6	SR12	11/25/2018 8:56	24.12	78.0	5.45	8.5	SR12	11/25/2018 14:56	24.12	78.2	5.47	8.5	SR12	11/25/2018 20:56	24.13	74.9	5.24	8.6
SR12	11/25/2018 3:01	24.14	82.2	5.74	8.7	SR12	11/25/2018 9:01	24.14	77.9	5.44	9.4	SR12	11/25/2018 15:01	24.13	78.9	5.52	8.4	SR12	11/25/2018 21:01	24.17	75.4	5.27	7.8
SR12	11/25/2018 3:06	24.15	81.2	5.67	8.5	SR12	11/25/2018 9:06	24.13	78.1	5.46	8.8	SR12	11/25/2018 15:06	24.12	78.9	5.52	9.7	SR12	11/25/2018 21:06	24.18	76.3	5.33	8.5
SR12	11/25/2018 3:11	24.15	81.1	5.67	9.3	SR12	11/25/2018 9:11	24.14	78.5	5.48	9.2	SR12	11/25/2018 15:11	24.12	78.9	5.51	9.0	SR12	11/25/2018 21:11	24.14	75.3	5.27	8.0
SR12	11/25/2018 3:16	24.15	80.8	5.64	7.9	SR12	11/25/2018 9:16	24.14	77.8	5.44	8.6	SR12	11/25/2018 15:16	24.13	78.3	5.48	8.1	SR12	11/25/2018 21:16	24.20	74.8	5.25	9.0
SR12	11/25/2018 3:21	24.15	80.4	5.61	8.1	SR12	11/25/2018 9:21	24.14	77.3	5.40	9.4	SR12	11/25/2018 15:21	24.11	78.9	5.52	8.2	SR12	11/25/2018 21:21	24.16	62.6	4.38	7.5
SR12	11/25/2018 3:26	24.14	81.8	5.71	8.1	SR12	11/25/2018 9:26	24.14	78.1	5.46	9.4	SR12	11/25/2018 15:26	24.10	78.4	5.48	8.6	SR12	11/25/2018 21:26	24.15	83.1	5.81	7.9
SR12	11/25/2018 3:31	24.13	82.1	5.74	8.4	SR12	11/25/2018 9:31	24.14	78.1	5.46	8.9	SR12	11/25/2018 15:31	24.11	78.6	5.49	7.7	SR12	11/25/2018 21:31	24.14	76.6	5.35	8.1
SR12	11/25/2018 3:36	24.12	83.0	5.80	8.0	SR12	11/25/2018 9:36	24.14	77.4	5.40	9.7	SR12	11/25/2018 15:36	24.11	79.1	5.54	8.9	SR12	11/25/2018 21:36	24.14	84.4	5.90	8.8
SR12	11/25/2018 3:41	24.12	82.8	5.79	7.7	SR12	11/25/2018 9:41	24.14	78.0	5.45	8.6	SR12	11/25/2018 15:41	24.17	78.4	5.48	7.8	SR12	11/25/2018 21:41	24.15	76.8	5.37	9.4
SR12	11/25/2018 3:46	24.12	82.4	5.76	9.7	SR12	11/25/2018 9:46	24.14	77.2	5.39	7.5	SR12	11/25/2018 15:46	24.16	78.1	5.46	8.9	SR12	11/25/2018 21:46	24.15	76.1	5.32	9.0
SR12	11/25/2018 3:51	24.11	82.9	5.79	9.6	SR12	11/25/2018 9:51	24.14	77.9	5.44	8.0	SR12	11/25/2018 15:51	24.15	78.0	5.46	7.7	SR12	11/25/2018 21:51	24.15	74.4	5.20	7.3
SR12	11/25/2018 3:56	24.13	82.3	5.75	9.3	SR12	11/25/2018 9:56	24.14	78.0	5.45	8.5	SR12	11/25/2018 15:56	24.15	77.7	5.43	9.3	SR12	11/25/2018 21:56	24.15	59.5	4.16	8.1
SR12	11/25/2018 4:01	24.12	82.1	5.74	9.7	SR12	11/25/2018 10:01	24.16	77.3	5.40	9.2	SR12	11/25/2018 16:01	24.14	77.8	5.44	9.3	SR12	11/25/2018 22:01	24.16	56.5	3.95	7.9
SR12	11/25/2018 4:06	24.12	82.3	5.76	8.1	SR12	11/25/2018 10:06	24.17	76.9	5.37	9.1	SR12	11/25/2018 16:06	24.14	77.7	5.44	9.2	SR12	11/25/2018 22:06	24.15	74.0	5.18	9.6
SR12	11/25/2018 4:11	24.12	82.4	5.76	8.4	SR12	11/25/2018 10:11	24.18	77.3	5.39	8.8	SR12	11/25/2018 16:11	24.12	79.0	5.53	9.2	SR12	11/25/2018 22:11	24.13	74.4	5.20	9.5
SR12	11/25/2018 4:16	24.11	82.3	5.75	8.7	SR12	11/25/2018 10:16	24.16	76.7	5.35	7.7	SR12	11/25/2018 16:16	24.12	78.5	5.49	8.7	SR12	11/25/2018 22:16	24.15	58.1	4.06	5.8
SR12	11/25/2018 4:21	24.12	82.9	5.79	8.7	SR12	11/25/2018 10:21	24.16	77.2	5.39	9.4	SR12	11/25/2018 16:21	24.12	78.3	5.47	9.1	SR12	11/25/2018 22:21	24.16	74.4	5.20	8.5
SR12	11/25/2018 4:26	24.11	82.9	5.80	8.2	SR12	11/25/2018 10:26	24.15	77.4	5.40	9.0	SR12	11/25/2018 16:26	24.12	78.8	5.51	9.7	SR12	11/25/2018 22:26	24.15	76.4	5.34	9.5
SR12	11/25/2018 4:31	24.11	83.1	5.81	8.9	SR12	11/25/2018 10:31	24.15	76.9	5.37	**15.3**	SR12	11/25/2018 16:31	24.11	78.7	5.51	7.6	SR12	11/25/2018 22:31	24.16	57.3	4.01	7.9
SR12	11/25/2018 4:36	24.11	82.9	5.79	2.0	SR12	11/25/2018 10:36	24.15	76.5	5.35	7.4	SR12	11/25/2018 16:36	24.12	79.0	5.53	7.8	SR12	11/25/2018 22:36	24.16	82.1	5.77	8.5
SR12	11/25/2018 4:41	24.11	82.5	5.77	2.0	SR12	11/25/2018 10:41	24.16	77.0	5.37	8.1	SR12	11/25/2018 16:41	24.12	79.8	5.58	9.3	SR12	11/25/2018 22:41	24.16	104.0	7.27	9.1
SR12	11/25/2018 4:46	24.11	82.4	5.76	1.5	SR12	11/25/2018 10:46	24.16	76.4	5.33	9.2	SR12	11/25/2018 16:46	24.13	79.3	5.55	9.5	SR12	11/25/2018 22:46	24.16	85.5	5.98	8.2
SR12	11/25/2018 4:51	24.11	82.3	5.76	1.3	SR12	11/25/2018 10:51	24.15	76.3	5.33	8.1	SR12	11/25/2018 16:51	24.13	79.2	5.54	9.0	SR12	11/25/2018 22:51	24.16	75.3	5.26	9.8
SR12	11/25/2018 4:56	24.11	82.6	5.77	1.2	SR12	11/25/2018 10:56	24.15	76.5	5.34	7.4	SR12	11/25/2018 16:56	24.16	78.1	5.46	9.4	SR12	11/25/2018 22:56	24.14	75.1	5.25	7.1
SR12	11/25/2018 5:01	24.11	82.6	5.78	2.1	SR12	11/25/2018 11:01	24.14	76.5	5.34	8.0	SR12	11/25/2018 17:01	24.14	78.2	5.47	9.6	SR12	11/25/2018 23:01	24.11	76.8	5.37	8.3
SR12	11/25/2018 5:06	24.10	82.7	5.78	2.0	SR12	11/25/2018 11:06	24.15	76.5	5.34	7.4	SR12	11/25/2018 17:06	24.14	78.7	5.50	7.7	SR12	11/25/2018 23:06	24.12	76.1	5.32	8.5
SR12	11/25/2018 5:11	24.10	82.3	5.75	2.1	SR12	11/25/2018 11:11	24.15	76.3	5.33	7.9	SR12	11/25/2018 17:11	24.09	79.3	5.56	8.5	SR12	11/25/2018 23:11	24.12	76.3	5.33	3.6
SR12	11/25/2018 5:16	24.09	83.3	5.82	4.3	SR12	11/25/2018 11:16	24.16	76.4	5.34	7.4	SR12	11/25/2018 17:16	24.10	78.7	5.51	2.8	SR12	11/25/2018 23:16	24.11	75.7	5.29	3.6
SR12	11/25/2018 5:21	24.10	82.5	5.76	5.6	SR12	11/25/2018 11:21	24.16	76.1	5.31	8.0	SR12	11/25/2018 17:21	24.13	79.3	5.55	7.9	SR12	11/25/2018 23:21	24.02	74.9	5.26	1.5
SR12	11/25/2018 5:26	24.11	82.7	5.78	4.4	SR12	11/25/2018 11:26	24.16	76.0	5.31	9.6	SR12	11/25/2018 17:26	24.15	78.9	5.52	8.1	SR12	11/25/2018 23:26	24.04	74.8	5.25	3.9
SR12	11/25/2018 5:31	24.09	82.5	5.77	4.9	SR12	11/25/2018 11:31	24.16	75.3	5.25	8.8	SR12	11/25/2018 17:31	24.15	78.0	5.45	9.1	SR12	11/25/2018 23:31	24.06	75.0	5.25	1.8
SR12	11/25/2018 5:36	24.10	81.7	5.72	4.5	SR12	11/25/2018 11:36	24.16	75.9	5.30	8.9	SR12	11/25/2018 17:36	24.15	77.9	5.45	8.4	SR12	11/25/2018 23:36	24.06	75.1	5.26	1.3
SR12	11/25/2018 5:41	24.10	81.7	5.71	4.1	SR12	11/25/2018 11:41	24.16	75.3	5.26	9.0	SR12	11/25/2018 17:41	24.15	77.3	5.41	8.0	SR12	11/25/2018 23:41	24.07	75.4	5.28	4.6
SR12	11/25/2018 5:46	24.10	82.0	5.73	4.1	SR12	11/25/2018 11:46	24.15	76.8	5.36	7.5	SR12	11/25/2018 17:46	24.15	77.9	5.45	7.4	SR12	11/25/2018 23:46	24.07	75.4	5.28	5.4
SR12	11/25/2018 5:51	24.10	82.9	5.79	4.0	SR12	11/25/2018 11:51	24.18	75.9	5.30	8.4	SR12	11/25/2018 17:51	24.15	78.0	5.45	9.7	SR12	11/25/2018 23:51	24.04	75.7	5.30	3.7
SR12	11/25/2018 5:56	24.08	83.6	5.85	3.7	SR12	11/25/2018 11:56	24.19	75.2	5.25	9.1	SR12	11/25/2018 17:56	24.14	78.0	5.46	9.5	SR12	11/25/2018 23:56	24.05	75.0	5.25	1.1

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	11/25/2018 0:00	23.47	79.5	5.63	5.6	SR13	11/25/2018 6:00	23.20	80.9	5.86	4.5	SR13	11/25/2018 12:00	23.46	80.8	5.74	5.7	SR13	11/25/2018 18:00	23.43	80.7	5.73	3.9
SR13	11/25/2018 0:05	23.49	78.3	5.55	6.0	SR13	11/25/2018 6:05	23.21	81.9	5.93	4.4	SR13	11/25/2018 12:05	23.47	80.9	5.73	4.7	SR13	11/25/2018 18:05	23.43	81.3	5.77	6.2
SR13	11/25/2018 0:10	23.47	79.0	5.60	6.6	SR13	11/25/2018 6:10	23.20	83.3	6.03	4.7	SR13	11/25/2018 12:10	23.45	80.5	5.71	6.6	SR13	11/25/2018 18:10	23.44	81.3	5.77	5.1
SR13	11/25/2018 0:15	23.48	78.1	5.54	7.1	SR13	11/25/2018 6:15	23.20	83.1	6.02	4.0	SR13	11/25/2018 12:15	23.47	79.6	5.65	5.5	SR13	11/25/2018 18:15	23.44	81.0	5.75	6.9
SR13	11/25/2018 0:20	23.47	79.2	5.62	6.2	SR13	11/25/2018 6:20	23.21	82.1	5.96	4.7	SR13	11/25/2018 12:20	23.46	79.3	5.63	5.3	SR13	11/25/2018 18:20	23.42	81.1	5.76	5.2
SR13	11/25/2018 0:25	23.48	79.3	5.62	6.4	SR13	11/25/2018 6:25	23.21	82.6	5.98	3.9	SR13	11/25/2018 12:25	23.45	80.6	5.72	6.1	SR13	11/25/2018 18:25	23.44	81.3	5.77	4.9
SR13	11/25/2018 0:30	23.47	78.7	5.58	6.4	SR13	11/25/2018 6:30	23.21	81.9	5.93	5.0	SR13	11/25/2018 12:30	23.45	79.9	5.67	4.9	SR13	11/25/2018 18:30	23.43	80.3	5.70	5.8
SR13	11/25/2018 0:35	23.47	79.3	5.62	7.3	SR13	11/25/2018 6:35	23.23	82.7	5.99	4.7	SR13	11/25/2018 12:35	23.47	79.5	5.64	5.5	SR13	11/25/2018 18:35	23.43	81.7	5.80	5.9
SR13	11/25/2018 0:40	23.48	77.8	5.52	6.9	SR13	11/25/2018 6:40	23.23	83.0	6.02	4.1	SR13	11/25/2018 12:40	23.47	79.6	5.64	7.1	SR13	11/25/2018 18:40	23.43	80.8	5.74	6.8
SR13	11/25/2018 0:45	23.50	78.2	5.54	5.0	SR13	11/25/2018 6:45	23.34	83.3	6.01	5.0	SR13	11/25/2018 12:45	23.46	79.9	5.67	5.7	SR13	11/25/2018 18:45	23.43	81.5	5.79	6.4
SR13	11/25/2018 0:50	23.50	77.7	5.51	6.2	SR13	11/25/2018 6:50	23.27	83.3	6.02	3.3	SR13	11/25/2018 12:50	23.46	80.7	5.72	5.3	SR13	11/25/2018 18:50	23.45	80.2	5.69	6.1
SR13	11/25/2018 0:55	23.51	79.4	5.62	6.4	SR13	11/25/2018 6:55	23.22	83.7	6.06	4.4	SR13	11/25/2018 12:55	23.45	80.2	5.69	6.5	SR13	11/25/2018 18:55	23.43	80.1	5.68	6.2
SR13	11/25/2018 1:00	23.50	78.0	5.53	7.0	SR13	11/25/2018 7:00	23.24	83.0	6.01	3.5	SR13	11/25/2018 13:00	23.46	79.5	5.64	5.2	SR13	11/25/2018 19:00	23.46	80.0	5.67	6.4
SR13	11/25/2018 1:05	23.49	79.7	5.65	5.9	SR13	11/25/2018 7:05	23.20	82.5	5.98	3.5	SR13	11/25/2018 13:05	23.47	79.3	5.62	6.8	SR13	11/25/2018 19:05	23.43	80.9	5.74	6.1
SR13	11/25/2018 1:10	23.49	78.9	5.59	5.5	SR13	11/25/2018 7:10	23.27	83.1	6.01	4.0	SR13	11/25/2018 13:10	23.46	79.0	5.61	5.9	SR13	11/25/2018 19:10	23.45	80.4	5.71	5.4
SR13	11/25/2018 1:15	23.51	78.5	5.57	5.1	SR13	11/25/2018 7:15	23.38	82.1	5.92	5.6	SR13	11/25/2018 13:15	23.45	79.8	5.67	4.9	SR13	11/25/2018 19:15	23.44	80.7	5.72	6.1
SR13	11/25/2018 1:20	23.49	79.0	5.60	5.4	SR13	11/25/2018 7:20	23.36	81.8	5.89	4.3	SR13	11/25/2018 13:20	23.46	79.9	5.67	7.1	SR13	11/25/2018 19:20	23.46	80.6	5.72	6.5
SR13	11/25/2018 1:25	23.50	78.2	5.54	5.3	SR13	11/25/2018 7:25	23.38	81.4	5.86	4.0	SR13	11/25/2018 13:25	23.45	79.3	5.63	7.0	SR13	11/25/2018 19:25	23.44	79.9	5.67	5.0
SR13	11/25/2018 1:30	23.49	78.7	5.58	6.1	SR13	11/25/2018 7:30	23.44	81.2	5.83	5.5	SR13	11/25/2018 13:30	23.45	80.6	5.72	7.0	SR13	11/25/2018 19:30	23.45	81.0	5.75	5.2
SR13	11/25/2018 1:35	23.49	79.0	5.60	5.7	SR13	11/25/2018 7:35	23.44	81.4	5.77	5.8	SR13	11/25/2018 13:35	23.46	80.2	5.69	5.1	SR13	11/25/2018 19:35	23.45	80.8	5.73	6.7
SR13	11/25/2018 1:40	23.49	78.9	5.59	5.8	SR13	11/25/2018 7:40	23.46	81.3	5.77	5.2	SR13	11/25/2018 13:40	23.46	79.5	5.64	5.2	SR13	11/25/2018 19:40	23.45	81.0	5.75	6.0
SR13	11/25/2018 1:45	23.48	79.1	5.61	5.6	SR13	11/25/2018 7:45	23.45	81.0	5.74	6.3	SR13	11/25/2018 13:45	23.46	79.1	5.61	5.1	SR13	11/25/2018 19:45	23.45	81.0	5.75	7.2
SR13	11/25/2018 1:50	23.49	78.3	5.55	5.7	SR13	11/25/2018 7:50	23.45	81.8	5.81	5.6	SR13	11/25/2018 13:50	23.46	79.7	5.65	6.6	SR13	11/25/2018 19:50	23.46	80.7	5.73	5.3
SR13	11/25/2018 1:55	23.50	78.1	5.54	6.9	SR13	11/25/2018 7:55	23.45	81.3	5.76	5.5	SR13	11/25/2018 13:55	23.46	80.1	5.69	4.9	SR13	11/25/2018 19:55	23.46	80.9	5.74	6.0
SR13	11/25/2018 2:00	23.50	79.1	5.60	5.0	SR13	11/25/2018 8:00	23.45	80.7	5.72	5.5	SR13	11/25/2018 14:00	23.45	80.3	5.70	5.2	SR13	11/25/2018 20:00	23.46	81.0	5.75	7.0
SR13	11/25/2018 2:05	23.50	78.9	5.60	6.1	SR13	11/25/2018 8:05	23.46	80.1	5.68	6.2	SR13	11/25/2018 14:05	23.46	80.4	5.70	6.5	SR13	11/25/2018 20:05	23.45	81.4	5.78	6.9
SR13	11/25/2018 2:10	23.49	78.9	5.59	5.4	SR13	11/25/2018 8:10	23.46	79.5	5.64	5.7	SR13	11/25/2018 14:10	23.45	79.6	5.65	6.0	SR13	11/25/2018 20:10	23.45	80.1	5.68	6.5
SR13	11/25/2018 2:15	23.50	79.1	5.60	6.8	SR13	11/25/2018 8:15	23.47	80.0	5.67	5.2	SR13	11/25/2018 14:15	23.45	79.7	5.65	6.8	SR13	11/25/2018 20:15	23.46	80.0	5.68	5.3
SR13	11/25/2018 2:20	23.50	78.6	5.59	6.7	SR13	11/25/2018 8:20	23.46	80.0	5.68	5.8	SR13	11/25/2018 14:20	23.46	81.1	5.75	4.7	SR13	11/25/2018 20:20	23.44	81.5	5.79	5.3
SR13	11/25/2018 2:25	23.50	77.9	5.55	6.3	SR13	11/25/2018 8:25	23.45	81.3	5.77	5.8	SR13	11/25/2018 14:25	23.46	80.8	5.74	4.1	SR13	11/25/2018 20:25	23.44	81.3	5.77	5.9
SR13	11/25/2018 2:30	23.49	77.3	5.50	5.9	SR13	11/25/2018 8:30	23.47	80.7	5.73	5.8	SR13	11/25/2018 14:30	23.46	79.8	5.66	3.2	SR13	11/25/2018 20:30	23.43	80.3	5.70	5.6
SR13	11/25/2018 2:35	23.49	77.8	5.54	5.2	SR13	11/25/2018 8:35	23.48	81.1	5.75	5.9	SR13	11/25/2018 14:35	23.45	81.2	5.77	5.7	SR13	11/25/2018 20:35	23.44	80.4	5.71	5.1
SR13	11/25/2018 2:40	23.48	78.1	5.56	6.1	SR13	11/25/2018 8:40	23.46	80.6	5.72	5.3	SR13	11/25/2018 14:40	23.46	80.1	5.68	6.3	SR13	11/25/2018 20:40	23.44	80.1	5.69	5.2
SR13	11/25/2018 2:45	23.49	77.7	5.53	5.9	SR13	11/25/2018 8:45	23.46	80.3	5.70	6.2	SR13	11/25/2018 14:45	23.46	80.4	5.70	4.8	SR13	11/25/2018 20:45	23.46	81.0	5.75	6.2
SR13	11/25/2018 2:50	23.49	78.8	5.61	5.4	SR13	11/25/2018 8:50	23.46	80.4	5.70	6.0	SR13	11/25/2018 14:50	23.45	81.7	5.79	6.5	SR13	11/25/2018 20:50	23.46	81.8	5.81	7.5
SR13	11/25/2018 2:55	23.48	78.1	5.56	6.4	SR13	11/25/2018 8:55	23.48	80.1	5.68	5.6	SR13	11/25/2018 14:55	23.45	81.0	5.74	6.4	SR13	11/25/2018 20:55	23.49	80.6	5.73	6.3
SR13	11/25/2018 3:00	23.49	78.3	5.57	5.7	SR13	11/25/2018 9:00	23.48	80.3	5.69	5.3	SR13	11/25/2018 15:00	23.44	80.1	5.68	6.0	SR13	11/25/2018 21:00	23.46	81.4	5.78	8.0
SR13	11/25/2018 3:05	23.48	78.2	5.56	5.9	SR13	11/25/2018 9:05	23.49	80.5	5.71	5.5	SR13	11/25/2018 15:05	23.46	81.0	5.75	5.5	SR13	11/25/2018 21:05	23.45	80.0	5.68	8.0
SR13	11/25/2018 3:10	23.49	78.4	5.58	6.1	SR13	11/25/2018 9:10	23.50	80.5	5.71	5.7	SR13	11/25/2018 15:10	23.45	80.7	5.72	5.9	SR13	11/25/2018 21:10	23.45	81.6	5.79	6.4
SR13	11/25/2018 3:15	23.49	78.6	5.59	6.3	SR13	11/25/2018 9:15	23.45	80.1	5.68	5.6	SR13	11/25/2018 15:15	23.46	81.0	5.74	5.6	SR13	11/25/2018 21:15	23.31	81.7	5.80	7.4
SR13	11/25/2018 3:20	23.48	77.9	5.54	6.2	SR13	11/25/2018 9:20	23.45	80.2	5.69	5.4	SR13	11/25/2018 15:20	23.45	82.1	5.83	5.7	SR13	11/25/2018 21:20	23.19	80.1	5.69	6.4
SR13	11/25/2018 3:25	23.49	78.7	5.60	6.6	SR13	11/25/2018 9:25	23.46	79.2	5.62	5.6	SR13	11/25/2018 15:25	23.45	81.7	5.80	6.2	SR13	11/25/2018 21:25	22.98	80.0	5.68	6.0
SR13	11/25/2018 3:30	23.47	78.8	5.61	6.7	SR13	11/25/2018 9:30	23.45	80.5	5.71	5.7	SR13	11/25/2018 15:30	23.46	81.2	5.76	5.6	SR13	11/25/2018 21:30	23.08	80.6	5.72	5.5
SR13	11/25/2018 3:35	23.50	78.8	5.60	5.8	SR13	11/25/2018 9:35	23.46	80.5	5.71	5.4	SR13	11/25/2018 15:35	23.46	80.3	5.69	6.5	SR13	11/25/2018 21:35	23.05	80.7	5.72	8.2
SR13	11/25/2018 3:40	23.49	77.9	5.54	5.8	SR13	11/25/2018 9:40	23.45	79.9	5.67	5.5	SR13	11/25/2018 15:40	23.45	81.4	5.78	5.3	SR13	11/25/2018 21:40	23.18	80.4	5.71	6.5
SR13	11/25/2018 3:45	23.48	79.6	5.66	5.3	SR13	11/25/2018 9:45	23.46	80.0	5.67	5.8	SR13	11/25/2018 15:45	23.45	82.2	5.83	4.8	SR13	11/25/2018 21:45	23.27	80.6	5.72	7.1
SR13	11/25/2018 3:50	23.48	78.9	5.62	5.4	SR13	11/25/2018 9:50	23.45	80.9	5.74	5.9	SR13	11/25/2018 15:50	23.45	80.9	5.74	5.7	SR13	11/25/2018 21:50	23.30	81.2	5.77	8.0
SR13	11/25/2018 3:55	23.48	78.4	5.58	6.0	SR13	11/25/2018 9:55	23.47	81.3	5.76	6.8	SR13	11/25/2018 15:55	23.44	80.7	5.72	6.2	SR13	11/25/2018 21:55	23.37	81.2	5.77	5.7
SR13	11/25/2018 4:00	23.47	79.4	5.65	6.3	SR13	11/25/2018 10:00	23.45	81.7	5.80	5.9	SR13	11/25/2018 16:00	23.44	80.5	5.72	5.9	SR13	11/25/2018 22:00	23.46	80.4	5.71	6.5
SR13	11/25/2018 4:05	23.48	78.9	5.61	5.6	SR13	11/25/2018 10:05	23.46	80.6	5.72	6.9	SR13	11/25/2018 16:05	23.46	81.3	5.77	5.0	SR13	11/25/2018 22:05	23.48	77.8	5.53	6.1
SR13	11/25/2018 4:10	23.47	79.7	5.67	5.1	SR13	11/25/2018 10:10	23.46	80.1	5.68	6.1	SR13	11/25/2018 16:10	23.43	81.1	5.76	5.2	SR13	11/25/2018 22:10	23.47	83.1	5.90	7.4
SR13	11/25/2018 4:15	23.46	78.7	5.60	6.2	SR13	11/25/2018 10:15	23.47	80.8	5.73	6.6	SR13	11/25/2018 16:15	23.45	80.9	5.74	6.2	SR13	11/25/2018 22:15	23.46	81.4	5.78	6.8
SR13	11/25/2018 4:20	23.43	79.1	5.67	5.4	SR13	11/25/2018 10:20	23.46	79.8	5.66	6.8	SR13	11/25/2018 16:20	23.43	81.4	5.78	6.0	SR13	11/25/2018 22:20	23.47	84.7	6.01	5.6
SR13	11/25/2018 4:25	23.36	79.7	5.73	6.5	SR13	11/25/2018 10:25	23.47	80.6	5.71	5.5	SR13	11/25/2018 16:25	23.46	81.4	5.78	5.4	SR13	11/25/2018 22:25	23.47	81.9	5.81	6.5
SR13	11/25/2018 4:30	23.31	81.9	5.92	6.0	SR13	11/25/2018 10:30	23.47	80.5	5.71	5.8	SR13	11/25/2018 16:30	23.44	81.4	5.77	5.3	SR13	11/25/2018 22:30	23.45	80.6	5.72	7.1
SR13	11/25/2018 4:35	23.31	80.9	5.84	5.8	SR13	11/25/2018 10:35	23.47	80.8	5.73	5.2	SR13	11/25/2018 16:35	23.44	81.7	5.80	5.3	SR13	11/25/2018 22:35	23.36	80.1	5.69	5.2
SR13	11/25/2018 4:40	23.27	81.4	5.89	6.4	SR13	11/25/2018 10:40	23.47	81.0	5.75	5.0	SR13	11/25/2018 16:40	23.44	81.0	5.75	5.8	SR13	11/25/2018 22:40	23.43	76.3	5.42	5.9
SR13	11/25/2018 4:45	23.24	81.5	5.91	6.4	SR13	11/25/2018 10:45	23.46	80.7	5.72	5.8	SR13	11/25/2018 16:45	23.44	81.2	5.76	6.5	SR13	11/25/2018 22:45	23.41	74.3	5.28	6.4
SR13	11/25/2018 4:50	23.23	81.8	5.93	5.9	SR13	11/25/2018 10:50	23.47	80.5	5.71	5.5	SR13	11/25/2018 16:50	23.45	80.3	5.70	5.8	SR13	11/25/2018 22:50	23.43	80.6	5.72	7.4
SR13	11/25/2018 4:55	23.22	81.0	5.87	6.8	SR13	11/25/2018 10:55	23.47	80.2	5.69	6.3	SR13	11/25/2018 16:55	23.41	80.9	5.74	6.8	SR13	11/25/2018 22:55	23.46	79.8	5.67	6.4
SR13	11/25/2018 5:00	23.24	82.0	5.94	5.2	SR13	11/25/2018 11:00	23.47	79.9	5.67	6.4	SR13	11/25/2018 17:00	23.41	80.3	5.70	6.4	SR13	11/25/2018 23:00	23.46	75.6	5.37	6.9
SR13	11/25/2018 5:05	23.24	82.1	5.94	6.3	SR13	11/25/2018 11:05	23.47	79.6	5.65	5.7	SR13	11/25/2018 17:05	23.44	80.3	5.70	7.0	SR13	11/25/2018 23:05	23.45	80.7	5.72	6.5
SR13	11/25/2018 5:10	23.23	81.6	5.91	5.6	SR13	11/25/2018 11:10	23.47	80.9	5.74	6.1	SR13	11/25/2018 17:10	23.43	80.8	5.74	6.1	SR13	11/25/2018 23:10	23.45	81.7	5.80	7.4
SR13	11/25/2018 5:15	23.24	81.6	5.91	5.9	SR13	11/25/2018 11:15	23.45	79.6	5.65	7.1	SR13	11/25/2018 17:15	23.40	80.6	5.72	5.7	SR13	11/25/2018 23:15	23.43	74.7	5.31	6.3
SR13	11/25/2018 5:20	23.22	81.2	5.88	3.4	SR13	11/25/2018 11:20	23.47	79.9	5.67	5.4	SR13	11/25/2018 17:20	23.41	80.5	5.72	6.4	SR13	11/25/2018 23:20	23.41	83.8	5.96	5.8
SR13	11/25/2018 5:25	23.21	80.8	5.86	3.7	SR13	11/25/2018 11:25	23.47	80.3	5.70	6.2	SR13	11/25/2018 17:25	23.42	81.4	5.77	6.1	SR13	11/25/2018 23:25	23.41	89.5	6.34	6.7
SR13	11/25/2018 5:30	23.22	81.6	5.92	4.6	SR13	11/25/2018 11:30	23.46	79.6	5.65	6.0	SR13	11/25/2018 17:30	23.40	82.0	5.83	6.0	SR13	11/25/2018 23:30	23.41	83.6	5.94	7.3
SR13	11/25/2018 5:35	23.22	82.0	5.94	4.1	SR13	11/25/2018 11:35	23.46	80.5	5.71	5.9	SR13	11/25/2018 17:35	23.42	80.9	5.75	5.8	SR13	11/25/2018 23:35	23.41	79.9	5.67	6.4
SR13	11/25/2018 5:40	23.20	82.1	5.95	4.1	SR13	11/25/2018 11:40	23.46	79.6	5.65	5.3	SR13	11/25/2018 17:40	23.43	81.2	5.77	6.7	SR13	11/25/2018 23:40	23.41	80.3	5.70	6.7
SR13	11/25/2018 5:45	23.20	82.1	5.95	4.6	SR13	11/25/2018 11:45	23.46	80.4	5.70	6.3	SR13	11/25/2018 17:45	23.43	81.6	5.80	6.2	SR13	11/25/2018 23:45	23.40	80.7	5.73	6.3
SR13	11/25/2018 5:50	23.20	81.5	5.91	4.3	SR13	11/25/2018 11:50	23.46	79.9	5.67	5.7	SR13	11/25/2018 17:50	23.43	81.7	5.80	6.4	SR13	11/25/2018 23:50	23.40	82.1	5.83	5.3
SR13	11/25/2018 5:55	23.19	81.1	5.88	3.8	SR13	11/25/2018 11:55	23.45	80.7	5.73	5.4	SR13	11/25/2018 17:55	23.42	81.2	5.77	5.6	SR13	11/25/2018 23:55	23.39	80.7	5.72	5.1

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	11/25/2018 0:17	0.11				SR12	11/25/2018 0:17	0.09			
SR4	11/25/2018 0:37	0.08				SR12	11/25/2018 0:37	0.10			
SR4	11/25/2018 0:57	0.10				SR12	11/25/2018 0:57	0.11			
SR4	11/25/2018 1:17	0.10				SR12	11/25/2018 1:17	0.13			
SR4	11/25/2018 1:37	0.11				SR12	11/25/2018 1:37	0.10			
SR4	11/25/2018 1:57	0.09				SR12	11/25/2018 1:57	0.10			
SR4	11/25/2018 2:17	0.11				SR12	11/25/2018 2:17	0.11			
SR4	11/25/2018 2:37	0.10				SR12	11/25/2018 2:37	0.10			
SR4	11/25/2018 2:57	0.11				SR12	11/25/2018 2:57	0.11			
SR4	11/25/2018 3:17	0.11				SR12	11/25/2018 3:17	0.11			
SR4	11/25/2018 3:37	0.11				SR12	11/25/2018 3:37	0.11			
SR4	11/25/2018 3:57	0.11				SR12	11/25/2018 3:57	0.11			
SR4	11/25/2018 4:17	0.11				SR12	11/25/2018 4:17	0.07			
SR4	11/25/2018 4:37	0.09				SR12	11/25/2018 4:37	0.12			
SR4	11/25/2018 4:57	0.10				SR12	11/25/2018 4:57	0.11			
SR4	11/25/2018 5:17	0.11				SR12	11/25/2018 5:17	0.09			
SR4	11/25/2018 5:37	0.11				SR12	11/25/2018 5:37	0.09			
SR4	11/25/2018 5:57	0.12				SR12	11/25/2018 5:57	0.10			
SR4						SR12					
SR4	11/25/2018 6:37	0.10				SR12	11/25/2018 6:37	0.12			
SR4	11/25/2018 6:57	0.10				SR12	11/25/2018 6:57	0.09			
SR4	11/25/2018 7:17	0.12				SR12	11/25/2018 7:17	0.11			
SR4	11/25/2018 7:37	0.10				SR12	11/25/2018 7:37	0.13			
SR4	11/25/2018 7:57	0.10				SR12	11/25/2018 7:57	0.08			
SR4	11/25/2018 8:17	0.09				SR12	11/25/2018 8:17	0.11			
SR4	11/25/2018 8:37	0.12				SR12	11/25/2018 8:37	0.12			
SR4	11/25/2018 8:57	0.10				SR12	11/25/2018 8:57	0.12			
SR4	11/25/2018 9:17	0.10				SR12	11/25/2018 9:17	0.10			
SR4	11/25/2018 9:37	0.09				SR12	11/25/2018 9:37	0.11			
SR4	11/25/2018 9:57	0.12				SR12	11/25/2018 9:57	0.11			
SR4	11/25/2018 10:17	0.10				SR12	11/25/2018 10:17	0.10			
SR4	11/25/2018 10:37	0.12				SR12	11/25/2018 10:37	0.08			
SR4	11/25/2018 10:57	0.09				SR12	11/25/2018 10:57	0.12			
SR4	11/25/2018 11:17	0.12				SR12	11/25/2018 11:17	0.11			
SR4	11/25/2018 11:37	0.12				SR12	11/25/2018 11:37	0.13			
SR4	11/25/2018 11:57	0.10				SR12	11/25/2018 11:57	0.09			
SR4	11/25/2018 12:17	0.11				SR12	11/25/2018 12:17	0.07			
SR4	11/25/2018 12:37	0.10				SR12	11/25/2018 12:37	0.08			
SR4	11/25/2018 12:57	0.10				SR12	11/25/2018 12:57	0.12			
SR4	11/25/2018 13:17	0.11				SR12	11/25/2018 13:17	0.07			
SR4	11/25/2018 13:37	0.11				SR12	11/25/2018 13:37	0.11			
SR4	11/25/2018 13:57	0.10				SR12	11/25/2018 13:57	0.10			
SR4	11/25/2018 14:17	0.11				SR12	11/25/2018 14:17	0.10			
SR4	11/25/2018 14:37	0.10				SR12	11/25/2018 14:37	0.13			
SR4	11/25/2018 14:57	0.11				SR12	11/25/2018 14:57	0.10			
SR4	11/25/2018 15:17	0.10				SR12	11/25/2018 15:17	0.09			
SR4	11/25/2018 15:37	0.11				SR12	11/25/2018 15:37	0.09			
SR4	11/25/2018 15:57	0.10				SR12	11/25/2018 15:57	0.10			
SR4	11/25/2018 16:17	0.09				SR12	11/25/2018 16:17	0.11			
SR4	11/25/2018 16:37	0.10				SR12	11/25/2018 16:37	0.13			
SR4	11/25/2018 16:57	0.11				SR12	11/25/2018 16:57	0.14			
SR4	11/25/2018 17:17	0.09				SR12	11/25/2018 17:17	0.10			
SR4	11/25/2018 17:37	0.09				SR12	11/25/2018 17:37	0.08			
SR4	11/25/2018 17:57	0.09				SR12	11/25/2018 17:57	0.14			
SR4	11/25/2018 18:17	0.10				SR12	11/25/2018 18:17	0.11			
SR4	11/25/2018 18:37	0.12				SR12	11/25/2018 18:37	0.12			
SR4	11/25/2018 18:57	0.10				SR12	11/25/2018 18:57	0.11			
SR4	11/25/2018 19:17	0.09				SR12	11/25/2018 19:17	0.12			
SR4	11/25/2018 19:37	0.09				SR12	11/25/2018 19:37	0.14			
SR4	11/25/2018 19:57	0.11				SR12	11/25/2018 19:57	0.11			
SR4	11/25/2018 20:17	0.12				SR12	11/25/2018 20:17	0.09			
SR4	11/25/2018 20:37	0.11				SR12	11/25/2018 20:37	0.11			
SR4	11/25/2018 20:57	0.12				SR12	11/25/2018 20:57	0.15			
SR4	11/25/2018 21:17	0.11				SR12	11/25/2018 21:17	0.15			
SR4	11/25/2018 21:37	0.09				SR12	11/25/2018 21:37	0.13			
SR4	11/25/2018 21:57	0.12				SR12	11/25/2018 21:57	0.11			
SR4	11/25/2018 22:17	0.11				SR12	11/25/2018 22:17	0.09			
SR4	11/25/2018 22:37	0.10				SR12	11/25/2018 22:37	0.09			
SR4	11/25/2018 22:57	0.10				SR12	11/25/2018 22:57	0.09			
SR4	11/25/2018 23:17	0.12				SR12	11/25/2018 23:17	0.13			
SR4	11/25/2018 23:37	0.13				SR12	11/25/2018 23:37	0.12			
SR4	11/25/2018 23:57	0.12				SR12	11/25/2018 23:57	0.12			

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

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	11/26/2018 0:01	23.16	75.7	5.39	3.5	SR4	11/26/2018 6:01	18.46	99.6	9.29	5.1	SR4	11/26/2018 12:01	23.13	76.2	5.44	1.3	SR4	11/26/2018 18:01	23.13	76.2	5.44	2.9
SR4	11/26/2018 0:06	23.14	74.6	5.32	3.9	SR4	11/26/2018 6:06	18.49	99.5	9.27	4.4	SR4	11/26/2018 12:06	23.13	76.7	5.47	3.1	SR4	11/26/2018 18:06	23.13	76.1	5.44	4.0
SR4	11/26/2018 0:11	23.16	75.6	5.38	3.0	SR4	11/26/2018 6:11	18.60	99.6	9.26	2.6	SR4	11/26/2018 12:11	23.13	77.6	5.53	2.8	SR4	11/26/2018 18:11	23.13	75.3	5.38	1.0
SR4	11/26/2018 0:16	23.15	73.8	5.26	4.0	SR4	11/26/2018 6:16	18.59	99.5	9.26	2.3	SR4	11/26/2018 12:16	23.13	76.8	5.48	2.3	SR4	11/26/2018 18:16	23.13	73.5	5.25	1.9
SR4	11/26/2018 0:21	23.19	73.6	5.24	4.3	SR4	11/26/2018 6:21	18.35	99.8	9.33	1.7	SR4	11/26/2018 12:21	23.13	77.5	5.53	2.7	SR4	11/26/2018 18:21	23.16	76.4	5.45	1.1
SR4	11/26/2018 0:26	23.05	74.0	5.29	2.5	SR4	11/26/2018 6:26	18.30	99.9	9.35	3.8	SR4	11/26/2018 12:26	23.15	77.1	5.50	5.3	SR4	11/26/2018 18:26	23.15	75.9	5.42	2.1
SR4	11/26/2018 0:31	23.08	74.2	5.29	4.9	SR4	11/26/2018 6:31	18.54	100.0	9.31	4.4	SR4	11/26/2018 12:31	23.15	77.4	5.52	1.1	SR4	11/26/2018 18:31	23.16	76.3	5.44	5.4
SR4	11/26/2018 0:36	23.09	75.6	5.40	5.2	SR4	11/26/2018 6:36	18.54	100.1	9.32	2.1	SR4	11/26/2018 12:36	23.15	76.9	5.48	1.8	SR4	11/26/2018 18:36	23.16	76.2	5.44	1.6
SR4	11/26/2018 0:41	23.11	74.4	5.31	4.5	SR4	11/26/2018 6:41	18.35	100.1	9.35	3.2	SR4	11/26/2018 12:41	23.14	75.8	5.41	2.7	SR4	11/26/2018 18:41	23.15	76.4	5.45	2.0
SR4	11/26/2018 0:46	23.14	74.5	5.32	2.0	SR4	11/26/2018 6:46	18.08	100.0	9.40	1.6	SR4	11/26/2018 12:46	23.14	75.7	5.40	2.7	SR4	11/26/2018 18:46	23.15	76.4	5.45	1.5
SR4	11/26/2018 0:51	23.17	74.4	5.30	5.0	SR4	11/26/2018 6:51	18.01	100.0	9.41	4.9	SR4	11/26/2018 12:51	23.16	77.0	5.49	1.1	SR4	11/26/2018 18:51	23.15	76.8	5.48	1.7
SR4	11/26/2018 0:56	23.17	74.3	5.29	2.5	SR4	11/26/2018 6:56	18.17	99.8	9.36	4.8	SR4	11/26/2018 12:56	23.15	76.0	5.42	1.2	SR4	11/26/2018 18:56	23.15	76.7	5.47	4.1
SR4	11/26/2018 1:01	23.20	74.3	5.29	5.2	SR4	11/26/2018 7:01	19.67	100.3	9.11	3.8	SR4	11/26/2018 13:01	23.14	76.4	5.45	1.4	SR4	11/26/2018 19:01	23.16	76.4	5.45	1.3
SR4	11/26/2018 1:06	23.21	74.1	5.28	5.2	SR4	11/26/2018 7:06	19.38	101.5	9.26	4.7	SR4	11/26/2018 13:06	23.14	76.9	5.49	2.6	SR4	11/26/2018 19:06	23.16	76.5	5.46	1.6
SR4	11/26/2018 1:11	23.21	73.8	5.26	2.2	SR4	11/26/2018 7:11	18.43	101.9	9.49	4.3	SR4	11/26/2018 13:11	23.13	76.5	5.45	2.8	SR4	11/26/2018 19:11	23.16	76.4	5.45	1.3
SR4	11/26/2018 1:16	23.21	73.0	5.19	1.3	SR4	11/26/2018 7:16	20.91	96.9	8.60	1.9	SR4	11/26/2018 13:16	23.14	75.8	5.40	1.2	SR4	11/26/2018 19:16	23.15	76.0	5.42	1.9
SR4	11/26/2018 1:21	23.22	73.3	5.21	3.7	SR4	11/26/2018 7:21	22.18	94.5	8.16	3.5	SR4	11/26/2018 13:21	23.13	78.1	5.57	2.4	SR4	11/26/2018 19:21	23.15	75.8	5.41	2.0
SR4	11/26/2018 1:26	23.22	72.3	5.15	4.5	SR4	11/26/2018 7:26	22.47	86.5	7.44	3.6	SR4	11/26/2018 13:26	23.14	76.8	5.48	4.8	SR4	11/26/2018 19:26	23.15	76.3	5.45	2.4
SR4	11/26/2018 1:31	23.22	72.8	5.18	4.6	SR4	11/26/2018 7:31	22.90	85.3	6.17	7.2	SR4	11/26/2018 13:31	23.15	77.1	5.50	1.1	SR4	11/26/2018 19:31	23.14	77.5	5.53	1.2
SR4	11/26/2018 1:36	23.22	72.1	5.13	4.7	SR4	11/26/2018 7:36	22.96	81.4	6.84	2.4	SR4	11/26/2018 13:36	23.14	77.0	5.49	4.9	SR4	11/26/2018 19:36	23.14	77.1	5.51	1.7
SR4	11/26/2018 1:41	23.12	59.8	4.27	2.2	SR4	11/26/2018 7:41	23.01	78.6	6.38	5.0	SR4	11/26/2018 13:41	23.17	76.3	5.44	4.3	SR4	11/26/2018 19:41	23.13	77.6	5.54	2.0
SR4	11/26/2018 1:46	23.10	71.3	5.09	5.0	SR4	11/26/2018 7:46	22.96	79.5	5.69	1.9	SR4	11/26/2018 13:46	23.17	76.5	5.46	4.9	SR4	11/26/2018 19:46	23.13	77.3	5.52	1.5
SR4	11/26/2018 1:51	23.12	72.1	5.14	3.4	SR4	11/26/2018 7:51	22.86	78.8	5.66	1.3	SR4	11/26/2018 13:51	23.16	77.1	5.50	3.2	SR4	11/26/2018 19:51	23.13	77.1	5.50	2.1
SR4	11/26/2018 1:56	23.14	72.9	5.20	2.3	SR4	11/26/2018 7:56	22.91	78.6	5.63	2.4	SR4	11/26/2018 13:56	23.15	77.4	5.52	3.6	SR4	11/26/2018 19:56	23.13	76.4	5.45	1.7
SR4	11/26/2018 2:01	23.17	72.0	5.13	3.2	SR4	11/26/2018 8:01	22.98	79.8	5.71	2.7	SR4	11/26/2018 14:01	23.16	76.1	5.43	2.9	SR4	11/26/2018 20:01	23.13	76.1	5.43	2.5
SR4	11/26/2018 2:06	23.14	72.5	5.17	5.2	SR4	11/26/2018 8:06	22.94	80.3	5.75	1.7	SR4	11/26/2018 14:06	23.16	77.0	5.50	2.1	SR4	11/26/2018 20:06	23.12	76.5	5.46	1.5
SR4	11/26/2018 2:11	23.11	71.7	5.11	1.9	SR4	11/26/2018 8:11	23.00	80.3	5.75	3.6	SR4	11/26/2018 14:11	23.16	75.9	5.41	1.0	SR4	11/26/2018 20:11	23.12	76.1	5.43	1.0
SR4	11/26/2018 2:16	23.17	70.8	5.04	5.1	SR4	11/26/2018 8:16	22.92	79.8	5.72	1.7	SR4	11/26/2018 14:16	23.15	76.5	5.46	2.0	SR4	11/26/2018 20:16	23.11	76.8	5.48	1.9
SR4	11/26/2018 2:21	23.16	69.9	4.99	3.0	SR4	11/26/2018 8:21	22.99	79.2	5.67	1.4	SR4	11/26/2018 14:21	23.14	77.1	5.50	4.0	SR4	11/26/2018 20:21	23.12	76.3	5.44	3.8
SR4	11/26/2018 2:26	23.16	69.1	4.93	4.4	SR4	11/26/2018 8:26	23.01	79.0	5.65	1.4	SR4	11/26/2018 14:26	23.10	76.1	5.44	4.4	SR4	11/26/2018 20:26	23.12	76.0	5.42	4.8
SR4	11/26/2018 2:31	23.19	68.7	4.90	2.3	SR4	11/26/2018 8:31	23.02	78.5	5.62	2.5	SR4	11/26/2018 14:31	23.17	75.7	5.40	2.4	SR4	11/26/2018 20:31	23.12	75.3	5.38	3.0
SR4	11/26/2018 2:36	23.18	68.7	4.90	5.0	SR4	11/26/2018 8:36	23.05	80.2	5.73	3.4	SR4	11/26/2018 14:36	23.18	75.5	5.38	3.1	SR4	11/26/2018 20:36	23.12	74.3	5.30	2.7
SR4	11/26/2018 2:41	23.18	67.9	4.84	3.0	SR4	11/26/2018 8:41	23.06	81.1	5.79	3.4	SR4	11/26/2018 14:41	23.17	75.8	5.41	1.7	SR4	11/26/2018 20:41	23.11	74.5	5.32	4.3
SR4	11/26/2018 2:46	23.16	66.5	4.74	1.5	SR4	11/26/2018 8:46	23.05	80.6	5.76	3.9	SR4	11/26/2018 14:46	23.16	75.8	5.41	4.7	SR4	11/26/2018 20:46	23.10	74.9	5.35	1.0
SR4	11/26/2018 2:51	23.03	63.6	4.55	3.1	SR4	11/26/2018 8:51	23.05	80.0	5.71	2.5	SR4	11/26/2018 14:51	23.15	77.0	5.49	2.3	SR4	11/26/2018 20:51	23.11	76.2	5.44	3.5
SR4	11/26/2018 2:56	23.22	51.4	3.66	2.6	SR4	11/26/2018 8:56	23.04	79.1	5.65	2.1	SR4	11/26/2018 14:56	23.15	76.2	5.43	3.1	SR4	11/26/2018 20:56	23.11	76.2	5.44	2.8
SR4	11/26/2018 3:01	23.20	53.4	3.81	3.6	SR4	11/26/2018 9:01	23.04	80.1	5.72	3.6	SR4	11/26/2018 15:01	23.16	75.4	5.38	2.1	SR4	11/26/2018 21:01	23.12	75.8	5.41	3.6
SR4	11/26/2018 3:06	23.20	55.3	3.94	5.2	SR4	11/26/2018 9:06	23.05	79.8	5.71	3.4	SR4	11/26/2018 15:06	23.15	76.0	5.42	1.8	SR4	11/26/2018 21:06	23.11	75.9	5.41	1.4
SR4	11/26/2018 3:11	23.16	61.7	4.40	1.9	SR4	11/26/2018 9:11	23.04	79.5	5.68	5.1	SR4	11/26/2018 15:11	23.15	76.2	5.44	1.5	SR4	11/26/2018 21:11	23.12	76.0	5.42	3.3
SR4	11/26/2018 3:16	23.20	62.1	4.43	1.1	SR4	11/26/2018 9:16	23.03	79.5	5.69	3.5	SR4	11/26/2018 15:16	23.16	76.5	5.46	1.5	SR4	11/26/2018 21:16	23.11	75.6	5.39	2.2
SR4	11/26/2018 3:21	23.20	62.5	4.46	5.0	SR4	11/26/2018 9:21	23.05	79.2	5.66	4.1	SR4	11/26/2018 15:21	23.16	77.0	5.49	2.2	SR4	11/26/2018 21:21	23.11	74.4	5.31	4.2
SR4	11/26/2018 3:26	23.17	54.6	3.89	2.4	SR4	11/26/2018 9:26	23.04	78.9	5.64	4.1	SR4	11/26/2018 15:26	23.17	75.7	5.40	1.1	SR4	11/26/2018 21:26	23.10	73.9	5.28	4.1
SR4	11/26/2018 3:31	23.18	53.5	3.81	3.8	SR4	11/26/2018 9:31	23.04	79.4	5.68	4.7	SR4	11/26/2018 15:31	23.17	76.0	5.42	1.0	SR4	11/26/2018 21:31	23.09	75.1	5.36	1.6
SR4	11/26/2018 3:36	23.25	54.9	3.71	3.6	SR4	11/26/2018 9:36	23.04	79.2	5.66	2.3	SR4	11/26/2018 15:36	23.18	75.8	5.41	5.1	SR4	11/26/2018 21:36	23.11	73.2	5.22	1.5
SR4	11/26/2018 3:41	23.24	55.3	3.94	4.2	SR4	11/26/2018 9:41	23.05	79.3	5.67	4.2	SR4	11/26/2018 15:41	23.18	75.4	5.38	1.0	SR4	11/26/2018 21:41	23.11	74.1	5.29	3.0
SR4	11/26/2018 3:46	23.25	56.4	4.02	4.9	SR4	11/26/2018 9:46	23.06	79.4	5.67	2.6	SR4	11/26/2018 15:46	23.19	74.0	5.28	3.7	SR4	11/26/2018 21:46	23.11	75.5	5.38	2.0
SR4	11/26/2018 3:51	23.27	58.0	4.13	1.3	SR4	11/26/2018 9:51	23.07	79.1	5.65	2.8	SR4	11/26/2018 15:51	23.19	74.8	5.34	4.0	SR4	11/26/2018 21:51	23.11	74.8	5.33	1.1
SR4	11/26/2018 3:56	23.23	56.3	4.01	4.4	SR4	11/26/2018 9:56	23.07	79.1	5.65	2.7	SR4	11/26/2018 15:56	23.19	74.3	5.30	2.5	SR4	11/26/2018 21:56	23.11	75.3	5.38	1.4
SR4	11/26/2018 4:01	23.21	57.9	4.12	4.4	SR4	11/26/2018 10:01	23.07	78.9	5.63	3.1	SR4	11/26/2018 16:01	23.19	74.7	5.33	1.4	SR4	11/26/2018 22:01	23.11	74.7	5.33	1.8
SR4	11/26/2018 4:06	23.25	68.2	4.85	3.9	SR4	11/26/2018 10:06	23.06	78.7	5.63	2.8	SR4	11/26/2018 16:06	23.18	74.0	5.27	2.1	SR4	11/26/2018 22:06	23.11	75.5	5.39	2.0
SR4	11/26/2018 4:11	23.23	69.9	5.65	3.0	SR4	11/26/2018 10:11	23.07	78.8	5.63	3.8	SR4	11/26/2018 16:11	23.18	72.8	5.19	1.5	SR4	11/26/2018 22:11	23.11	74.5	5.32	3.4
SR4	11/26/2018 4:16	23.09	74.5	6.34	2.4	SR4	11/26/2018 10:16	23.07	78.0	5.57	5.9	SR4	11/26/2018 16:16	23.18	75.9	5.41	4.5	SR4	11/26/2018 22:16	23.11	75.3	5.38	1.5
SR4	11/26/2018 4:21	22.42	74.5	6.42	1.9	SR4	11/26/2018 10:21	23.07	78.4	5.60	2.3	SR4	11/26/2018 16:21	23.19	75.9	5.41	1.5	SR4	11/26/2018 22:21	23.10	74.9	5.34	2.2
SR4	11/26/2018 4:26	21.83	83.3	7.27	**27.2**	SR4	11/26/2018 10:26	23.07	78.3	5.60	4.7	SR4	11/26/2018 16:26	23.21	77.2	5.51	1.0	SR4	11/26/2018 22:26	23.11	75.0	5.35	1.5
SR4	11/26/2018 4:31	20.98	98.8	8.76	4.9	SR4	11/26/2018 10:31	23.07	79.0	5.64	3.7	SR4	11/26/2018 16:31	23.22	74.1	5.28	3.7	SR4	11/26/2018 22:31	23.10	74.8	5.34	1.6
SR4	11/26/2018 4:36	20.19	99.1	8.93	2.3	SR4	11/26/2018 10:36	23.08	77.9	5.56	4.6	SR4	11/26/2018 16:36	23.21	74.6	5.32	2.1	SR4	11/26/2018 22:36	23.11	74.6	5.32	1.9
SR4	11/26/2018 4:41	19.13	100.3	9.22	5.0	SR4	11/26/2018 10:41	23.06	77.9	5.56	2.0	SR4	11/26/2018 16:41	23.18	75.1	5.36	3.4	SR4	11/26/2018 22:41	23.11	73.2	5.23	2.4
SR4	11/26/2018 4:46	20.13	100.6	9.07	1.7	SR4	11/26/2018 10:46	23.07	78.6	5.61	3.8	SR4	11/26/2018 16:46	23.20	74.1	5.29	3.4	SR4	11/26/2018 22:46	23.11	72.7	5.19	4.6
SR4	11/26/2018 4:51	19.36	101.6	9.30	2.4	SR4	11/26/2018 10:51	23.08	78.2	5.58	5.0	SR4	11/26/2018 16:51	23.21	73.5	5.24	3.7	SR4	11/26/2018 22:51	23.11	72.7	5.18	1.2
SR4	11/26/2018 4:56	19.30	100.4	9.21	4.0	SR4	11/26/2018 10:56	23.08	78.2	5.58	5.8	SR4	11/26/2018 16:56	23.21	72.0	5.13	4.5	SR4	11/26/2018 22:56	23.11	72.5	5.17	1.5
SR4	11/26/2018 5:01	19.33	99.3	9.09	2.9	SR4	11/26/2018 11:01	23.09	78.1	5.58	4.5	SR4	11/26/2018 17:01	23.19	72.9	5.20	2.5	SR4	11/26/2018 23:01	23.10	74.3	5.30	1.1
SR4	11/26/2018 5:06	19.07	99.4	9.16	4.8	SR4	11/26/2018 11:06	23.09	77.8	5.56	3.0	SR4	11/26/2018 17:06	23.09	75.4	5.39	1.9	SR4	11/26/2018 23:06	23.11	74.4	5.31	1.2
SR4	11/26/2018 5:11	18.93	99.6	9.20	1.3	SR4	11/26/2018 11:11	23.09	77.0	5.50	2.9	SR4	11/26/2018 17:11	23.13	74.5	5.32	4.0	SR4	11/26/2018 23:11	23.11	73.6	5.25	1.0
SR4	11/26/2018 5:16	18.69	99.7	9.25	2.4	SR4	11/26/2018 11:16	23.11	77.6	5.54	3.6	SR4	11/26/2018 17:16	23.17	74.4	5.31	4.3	SR4	11/26/2018 23:16	23.11	74.9	5.34	1.0
SR4	11/26/2018 5:21	18.78	99.3	9.20	1.9	SR4	11/26/2018 11:21	23.10	77.3	5.52	4.0	SR4	11/26/2018 17:21	23.17	75.2	5.37	2.8	SR4	11/26/2018 23:21	23.11	73.6	5.25	1.9
SR4	11/26/2018 5:26	18.60	99.4	9.24	5.1	SR4	11/26/2018 11:26	23.10	78.2	5.58	3.1	SR4	11/26/2018 17:26	23.16	74.8	5.34	2.2	SR4	11/26/2018 23:26	23.11	74.4	5.31	1.0
SR4	11/26/2018 5:31	18.61	99.5	9.25	3.6	SR4	11/26/2018 11:31	23.11	76.7	5.47	3.5	SR4	11/26/2018 17:31	23.16	74.9	5.34	3.5	SR4	11/26/2018 23:31	23.11	74.5	5.32	1.7
SR4	11/26/2018 5:36	18.31	99.7	9.32	4.1	SR4	11/26/2018 11:36	23.11	77.0	5.50	4.2	SR4	11/26/2018 17:36	23.15	74.8	5.34	1.3	SR4	11/26/2018 23:36	23.08	75.7	5.40	3.8
SR4	11/26/2018 5:41	18.52	99.6	9.28	1.4	SR4	11/26/2018 11:41	23.10	77.2	5.51	1.6	SR4	11/26/2018 17:41	23.16	74.5	5.32	2.2	SR4	11/26/2018 23:41	23.07	76.5	5.46	1.9
SR4	11/26/2018 5:46	18.62	99.5	9.24	3.8	SR4	11/26/2018 11:46	23.11	77.7	5.55	1.6	SR4	11/26/2018 17:46	23.14	75.9	5.42	3.5	SR4	11/26/2018 23:46	23.08	76.7	5.48	4.9
SR4	11/26/2018 5:51	18.53	99.4	9.26	4.7	SR4	11/26/2018 11:51	23.12	78.4	5.59	3.0	SR4	11/26/2018 17:51	23.15	74.6	5.32	4.5	SR4	11/26/2018 23:51	23.07	76.2	5.44	2.7
SR4	11/26/2018 5:56	18.42	99.6	9.29	4.2	SR4	11/26/2018 11:56	23.12	77.8	5.55	2.0	SR4	11/26/2018 17:56	23.13	74.9	5.35	3.7	SR4	11/26/2018 23:56	23.08	76.1	5.44	3.1

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	11/26/2018 0:00	23.69	77.5	5.50	3.0	SR5	11/26/2018 6:00	22.48	87.0	6.74	4.8	SR5	11/26/2018 12:00	23.62	79.7	5.67	3.4	SR5	11/26/2018 18:00	23.42	79.8	5.68	2.5
SR5	11/26/2018 0:05	23.69	77.7	5.52	3.9	SR5	11/26/2018 6:05	22.43	87.5	6.76	4.3	SR5	11/26/2018 12:05	23.62	79.9	5.68	4.4	SR5	11/26/2018 18:05	23.42	79.0	5.62	3.7
SR5	11/26/2018 0:10	23.62	79.1	5.62	4.2	SR5	11/26/2018 6:10	22.46	88.7	6.85	3.9	SR5	11/26/2018 12:10	23.62	81.2	5.77	2.9	SR5	11/26/2018 18:10	23.40	79.3	5.64	2.4
SR5	11/26/2018 0:15	23.66	79.5	5.65	3.2	SR5	11/26/2018 6:15	22.40	85.3	6.61	3.9	SR5	11/26/2018 12:15	23.62	78.4	5.58	3.6	SR5	11/26/2018 18:15	23.36	78.7	5.60	4.1
SR5	11/26/2018 0:20	23.71	79.7	5.66	2.6	SR5	11/26/2018 6:20	22.41	86.5	6.70	4.2	SR5	11/26/2018 12:20	23.62	80.2	5.71	3.8	SR5	11/26/2018 18:20	23.36	81.4	5.79	1.1
SR5	11/26/2018 0:25	23.63	78.6	5.59	3.4	SR5	11/26/2018 6:25	22.44	85.9	6.67	4.0	SR5	11/26/2018 12:25	23.62	79.8	5.67	6.5	SR5	11/26/2018 18:25	23.47	79.1	5.63	4.1
SR5	11/26/2018 0:30	23.60	79.7	5.67	4.9	SR5	11/26/2018 6:30	22.49	87.1	6.74	3.1	SR5	11/26/2018 12:30	23.62	80.3	5.71	3.4	SR5	11/26/2018 18:30	23.41	78.0	5.54	4.0
SR5	11/26/2018 0:35	23.63	78.5	5.58	3.1	SR5	11/26/2018 6:35	22.45	87.5	6.77	3.2	SR5	11/26/2018 12:35	23.62	80.8	5.74	4.4	SR5	11/26/2018 18:35	23.46	78.3	5.57	2.6
SR5	11/26/2018 0:40	23.69	78.3	5.57	4.2	SR5	11/26/2018 6:40	22.37	88.6	6.86	3.2	SR5	11/26/2018 12:40	23.62	80.6	5.73	2.9	SR5	11/26/2018 18:40	23.36	80.9	5.75	3.9
SR5	11/26/2018 0:45	23.63	77.0	5.47	3.0	SR5	11/26/2018 6:45	22.30	85.5	6.64	3.6	SR5	11/26/2018 12:45	23.63	79.5	5.65	3.2	SR5	11/26/2018 18:45	23.46	80.9	5.75	3.0
SR5	11/26/2018 0:50	23.69	79.8	5.67	3.2	SR5	11/26/2018 6:50	22.32	88.0	6.83	2.8	SR5	11/26/2018 12:50	23.63	80.2	5.70	2.6	SR5	11/26/2018 18:50	23.43	78.0	5.55	1.4
SR5	11/26/2018 0:55	23.62	80.1	5.70	2.7	SR5	11/26/2018 6:55	22.36	85.1	6.61	2.4	SR5	11/26/2018 12:55	23.63	78.5	5.58	3.2	SR5	11/26/2018 18:55	23.43	81.0	5.76	3.2
SR5	11/26/2018 1:00	23.64	78.8	5.60	4.2	SR5	11/26/2018 7:00	22.69	88.0	6.75	2.0	SR5	11/26/2018 13:00	23.63	77.6	5.52	1.9	SR5	11/26/2018 19:00	23.46	80.5	5.72	2.2
SR5	11/26/2018 1:05	23.70	79.2	5.63	5.0	SR5	11/26/2018 7:05	22.70	85.8	6.61	3.5	SR5	11/26/2018 13:05	23.63	79.0	5.62	2.2	SR5	11/26/2018 19:05	23.39	79.8	5.68	3.6
SR5	11/26/2018 1:10	23.70	79.1	5.62	3.9	SR5	11/26/2018 7:10	22.44	86.2	6.68	4.1	SR5	11/26/2018 13:10	23.63	79.2	5.63	2.6	SR5	11/26/2018 19:10	23.38	79.1	5.62	1.8
SR5	11/26/2018 1:15	23.67	78.6	5.59	1.6	SR5	11/26/2018 7:15	23.00	83.9	6.39	2.6	SR5	11/26/2018 13:15	23.64	77.3	5.50	2.5	SR5	11/26/2018 19:15	23.40	78.4	5.58	2.4
SR5	11/26/2018 1:20	23.67	79.6	5.66	2.4	SR5	11/26/2018 7:20	23.32	85.5	6.44	2.6	SR5	11/26/2018 13:20	23.64	82.1	5.84	3.0	SR5	11/26/2018 19:20	23.38	79.1	5.63	3.8
SR5	11/26/2018 1:25	23.60	76.4	5.43	2.7	SR5	11/26/2018 7:25	23.41	84.0	6.29	2.9	SR5	11/26/2018 13:25	23.64	80.9	5.76	3.4	SR5	11/26/2018 19:25	23.46	78.5	5.59	2.4
SR5	11/26/2018 1:30	23.61	79.6	5.65	4.3	SR5	11/26/2018 7:30	23.57	83.9	5.99	6.6	SR5	11/26/2018 13:30	23.64	82.1	5.84	3.2	SR5	11/26/2018 19:30	23.43	78.7	5.60	2.0
SR5	11/26/2018 1:35	23.64	79.5	5.65	3.1	SR5	11/26/2018 7:35	23.57	80.3	5.97	5.3	SR5	11/26/2018 13:35	23.63	78.7	5.60	3.6	SR5	11/26/2018 19:35	23.37	80.2	5.71	2.9
SR5	11/26/2018 1:40	23.69	76.7	5.46	1.4	SR5	11/26/2018 7:40	23.57	80.2	5.90	4.9	SR5	11/26/2018 13:40	23.63	79.6	5.66	2.5	SR5	11/26/2018 19:40	23.38	78.3	5.57	3.8
SR5	11/26/2018 1:45	23.67	77.5	5.51	4.1	SR5	11/26/2018 7:45	23.52	83.5	5.94	3.4	SR5	11/26/2018 13:45	23.64	80.0	5.69	5.0	SR5	11/26/2018 19:45	23.46	81.4	5.79	2.4
SR5	11/26/2018 1:50	23.61	79.5	5.65	2.7	SR5	11/26/2018 7:50	23.53	82.0	5.84	3.6	SR5	11/26/2018 13:50	23.64	80.1	5.69	4.5	SR5	11/26/2018 19:50	23.45	79.6	5.66	2.3
SR5	11/26/2018 1:55	23.62	79.4	5.64	2.7	SR5	11/26/2018 7:55	23.53	80.8	5.75	3.0	SR5	11/26/2018 13:55	23.63	79.2	5.63	3.3	SR5	11/26/2018 19:55	23.45	79.7	5.67	2.2
SR5	11/26/2018 2:00	23.66	78.7	5.60	2.4	SR5	11/26/2018 8:00	23.61	82.8	5.89	2.2	SR5	11/26/2018 14:00	23.61	82.1	5.84	2.4	SR5	11/26/2018 20:00	23.40	81.0	5.76	2.4
SR5	11/26/2018 2:05	23.60	77.6	5.51	5.2	SR5	11/26/2018 8:05	23.58	80.8	5.75	2.7	SR5	11/26/2018 14:05	23.61	80.4	5.72	2.3	SR5	11/26/2018 20:05	23.41	80.5	5.73	1.6
SR5	11/26/2018 2:10	23.66	80.0	5.69	1.4	SR5	11/26/2018 8:10	23.62	82.3	5.86	3.4	SR5	11/26/2018 14:10	23.45	78.1	5.55	3.4	SR5	11/26/2018 20:10	23.46	79.1	5.63	2.7
SR5	11/26/2018 2:15	23.59	79.4	5.64	3.9	SR5	11/26/2018 8:15	23.56	82.5	5.87	3.6	SR5	11/26/2018 14:15	23.40	80.1	5.70	2.5	SR5	11/26/2018 20:15	23.41	79.7	5.67	3.6
SR5	11/26/2018 2:20	23.68	79.1	5.63	4.2	SR5	11/26/2018 8:20	23.58	81.6	5.81	2.6	SR5	11/26/2018 14:20	23.37	80.1	5.69	3.5	SR5	11/26/2018 20:20	23.38	78.9	5.61	3.0
SR5	11/26/2018 2:25	23.65	78.7	5.60	2.4	SR5	11/26/2018 8:25	23.55	79.5	5.66	2.7	SR5	11/26/2018 14:25	23.41	80.2	5.71	4.9	SR5	11/26/2018 20:25	23.36	77.6	5.52	2.7
SR5	11/26/2018 2:30	23.68	79.4	5.65	2.9	SR5	11/26/2018 8:30	23.59	80.2	5.71	2.0	SR5	11/26/2018 14:30	23.40	77.8	5.53	3.1	SR5	11/26/2018 20:30	23.43	78.0	5.55	2.7
SR5	11/26/2018 2:35	23.58	77.1	5.55	4.0	SR5	11/26/2018 8:35	23.58	80.0	5.69	1.7	SR5	11/26/2018 14:35	23.48	77.6	5.52	3.6	SR5	11/26/2018 20:35	23.37	80.4	5.72	2.8
SR5	11/26/2018 2:40	23.65	77.6	5.58	2.3	SR5	11/26/2018 8:40	23.64	83.1	5.91	3.8	SR5	11/26/2018 14:40	23.39	78.5	5.58	3.2	SR5	11/26/2018 20:40	23.37	77.2	5.49	3.9
SR5	11/26/2018 2:45	23.68	77.4	5.57	1.7	SR5	11/26/2018 8:45	23.62	82.5	5.87	3.9	SR5	11/26/2018 14:45	23.40	79.2	5.64	3.1	SR5	11/26/2018 20:45	23.37	80.6	5.74	3.0
SR5	11/26/2018 2:50	23.62	76.6	5.51	2.4	SR5	11/26/2018 8:50	23.61	82.4	5.86	2.7	SR5	11/26/2018 14:50	23.44	78.7	5.59	2.3	SR5	11/26/2018 20:50	23.37	80.2	5.71	3.5
SR5	11/26/2018 2:55	23.67	76.7	5.52	3.0	SR5	11/26/2018 8:55	23.63	80.7	5.74	3.1	SR5	11/26/2018 14:55	23.39	78.3	5.57	2.9	SR5	11/26/2018 20:55	23.41	78.3	5.57	2.3
SR5	11/26/2018 3:00	23.59	77.7	5.59	3.6	SR5	11/26/2018 9:00	23.57	80.5	5.73	3.8	SR5	11/26/2018 15:00	23.42	80.2	5.70	3.3	SR5	11/26/2018 21:00	23.38	80.2	5.71	2.5
SR5	11/26/2018 3:05	23.58	77.6	5.58	4.2	SR5	11/26/2018 9:05	23.62	79.2	5.64	1.7	SR5	11/26/2018 15:05	23.40	78.5	5.58	2.4	SR5	11/26/2018 21:05	23.37	78.6	5.59	2.4
SR5	11/26/2018 3:10	23.67	77.3	5.56	2.1	SR5	11/26/2018 9:10	23.60	80.7	5.74	4.0	SR5	11/26/2018 15:10	23.48	79.6	5.66	3.5	SR5	11/26/2018 21:10	23.39	78.4	5.57	4.1
SR5	11/26/2018 3:15	23.64	77.4	5.57	1.6	SR5	11/26/2018 9:15	23.59	82.0	5.84	2.4	SR5	11/26/2018 15:15	23.42	81.8	5.82	3.0	SR5	11/26/2018 21:15	23.42	79.7	5.67	3.2
SR5	11/26/2018 3:20	23.62	77.6	5.58	3.3	SR5	11/26/2018 9:20	23.62	82.4	5.86	3.8	SR5	11/26/2018 15:20	23.47	79.1	5.62	3.2	SR5	11/26/2018 21:20	23.39	80.9	5.75	2.7
SR5	11/26/2018 3:25	23.67	76.9	5.53	4.3	SR5	11/26/2018 9:25	23.58	81.4	5.79	3.4	SR5	11/26/2018 15:25	23.45	78.5	5.58	3.1	SR5	11/26/2018 21:25	23.43	79.1	5.63	2.8
SR5	11/26/2018 3:30	23.62	77.7	5.59	5.5	SR5	11/26/2018 9:30	23.64	81.0	5.77	3.9	SR5	11/26/2018 15:30	23.47	81.9	5.82	1.4	SR5	11/26/2018 21:30	23.39	78.5	5.59	2.7
SR5	11/26/2018 3:35	23.60	77.0	5.54	4.3	SR5	11/26/2018 9:35	23.64	80.6	5.74	2.5	SR5	11/26/2018 15:35	23.43	80.0	5.69	4.9	SR5	11/26/2018 21:35	23.45	79.5	5.65	2.9
SR5	11/26/2018 3:40	23.68	76.7	5.52	2.9	SR5	11/26/2018 9:40	23.56	82.1	5.85	2.5	SR5	11/26/2018 15:40	23.46	80.1	5.70	3.3	SR5	11/26/2018 21:40	23.44	77.4	5.50	4.0
SR5	11/26/2018 3:45	23.64	76.7	5.52	3.6	SR5	11/26/2018 9:45	23.57	79.3	5.64	3.0	SR5	11/26/2018 15:45	23.44	80.8	5.74	2.6	SR5	11/26/2018 21:45	23.44	80.9	5.75	3.8
SR5	11/26/2018 3:50	23.61	77.8	5.60	3.8	SR5	11/26/2018 9:50	23.57	79.8	5.67	3.0	SR5	11/26/2018 15:50	23.47	78.2	5.56	3.6	SR5	11/26/2018 21:50	23.36	78.5	5.58	2.0
SR5	11/26/2018 3:55	23.68	77.1	5.48	2.8	SR5	11/26/2018 9:55	23.55	81.2	5.78	2.0	SR5	11/26/2018 15:55	23.37	78.2	5.56	1.7	SR5	11/26/2018 21:55	23.37	80.0	5.69	2.1
SR5	11/26/2018 4:00	23.64	76.7	5.45	3.8	SR5	11/26/2018 10:00	23.49	80.8	5.75	3.3	SR5	11/26/2018 16:00	23.39	79.6	5.66	2.5	SR5	11/26/2018 22:00	23.42	78.8	5.61	2.9
SR5	11/26/2018 4:05	23.59	80.4	5.71	2.5	SR5	11/26/2018 10:05	23.48	81.2	5.78	4.2	SR5	11/26/2018 16:05	23.42	77.7	5.52	4.2	SR5	11/26/2018 22:05	23.42	80.7	5.74	1.8
SR5	11/26/2018 4:10	23.68	80.1	5.86	2.8	SR5	11/26/2018 10:10	23.51	80.7	5.75	4.3	SR5	11/26/2018 16:10	23.45	80.0	5.69	3.3	SR5	11/26/2018 22:10	23.40	79.3	5.64	4.3
SR5	11/26/2018 4:15	23.60	79.1	5.88	2.7	SR5	11/26/2018 10:15	23.55	79.5	5.65	3.2	SR5	11/26/2018 16:15	23.40	80.2	5.70	5.2	SR5	11/26/2018 22:15	23.34	79.6	5.67	2.7
SR5	11/26/2018 4:20	23.45	80.9	6.03	4.0	SR5	11/26/2018 10:20	23.53	81.8	5.82	2.2	SR5	11/26/2018 16:20	23.40	80.9	5.75	3.0	SR5	11/26/2018 22:20	23.39	77.0	5.48	2.3
SR5	11/26/2018 4:25	23.29	84.4	6.33	**10.1**	SR5	11/26/2018 10:25	23.57	81.2	5.78	3.4	SR5	11/26/2018 16:25	23.42	80.0	5.69	2.8	SR5	11/26/2018 22:25	23.45	77.0	5.48	3.8
SR5	11/26/2018 4:30	23.12	85.9	6.53	5.8	SR5	11/26/2018 10:30	23.58	81.1	5.77	4.3	SR5	11/26/2018 16:30	23.43	80.8	5.75	3.7	SR5	11/26/2018 22:30	23.39	80.5	5.73	3.8
SR5	11/26/2018 4:35	22.91	85.8	6.57	3.7	SR5	11/26/2018 10:35	23.59	79.2	5.63	4.3	SR5	11/26/2018 16:35	23.39	79.5	5.65	2.0	SR5	11/26/2018 22:35	23.44	79.4	5.64	2.1
SR5	11/26/2018 4:40	22.58	84.8	6.55	4.7	SR5	11/26/2018 10:40	23.59	79.0	5.62	4.1	SR5	11/26/2018 16:40	23.45	79.2	5.63	3.3	SR5	11/26/2018 22:40	23.36	78.2	5.56	1.7
SR5	11/26/2018 4:45	22.89	86.3	6.61	3.3	SR5	11/26/2018 10:45	23.59	80.8	5.75	3.5	SR5	11/26/2018 16:45	23.49	79.2	5.63	4.5	SR5	11/26/2018 22:45	23.45	78.1	5.56	4.1
SR5	11/26/2018 4:50	22.71	86.3	6.65	4.3	SR5	11/26/2018 10:50	23.59	80.7	5.74	4.2	SR5	11/26/2018 16:50	23.43	77.6	5.52	4.0	SR5	11/26/2018 22:50	23.34	76.8	5.46	2.6
SR5	11/26/2018 4:55	22.70	85.6	6.60	5.0	SR5	11/26/2018 10:55	23.59	81.9	5.82	4.2	SR5	11/26/2018 16:55	23.47	78.6	5.59	2.5	SR5	11/26/2018 22:55	23.45	76.7	5.46	3.1
SR5	11/26/2018 5:00	22.66	88.4	6.79	2.9	SR5	11/26/2018 11:00	23.60	79.4	5.65	4.2	SR5	11/26/2018 17:00	23.39	80.0	5.69	2.0	SR5	11/26/2018 23:00	23.43	78.3	5.57	3.3
SR5	11/26/2018 5:05	22.64	88.3	6.80	4.3	SR5	11/26/2018 11:05	23.61	78.2	5.57	3.6	SR5	11/26/2018 17:05	23.35	77.8	5.53	3.3	SR5	11/26/2018 23:05	23.36	79.6	5.66	2.6
SR5	11/26/2018 5:10	22.50	86.6	6.69	3.0	SR5	11/26/2018 11:10	23.61	81.5	5.80	1.6	SR5	11/26/2018 17:10	23.43	78.6	5.59	2.2	SR5	11/26/2018 23:10	23.39	80.4	5.72	4.2
SR5	11/26/2018 5:15	22.49	85.6	6.62	3.3	SR5	11/26/2018 11:15	23.61	81.0	5.76	2.7	SR5	11/26/2018 17:15	23.44	79.7	5.67	3.9	SR5	11/26/2018 23:15	23.34	79.0	5.62	1.3
SR5	11/26/2018 5:20	22.51	87.5	6.75	3.0	SR5	11/26/2018 11:20	23.61	78.5	5.58	3.7	SR5	11/26/2018 17:20	23.46	80.4	5.72	2.1	SR5	11/26/2018 23:20	23.44	78.6	5.59	4.0
SR5	11/26/2018 5:25	22.49	88.0	6.80	4.9	SR5	11/26/2018 11:25	23.61	79.0	5.62	3.4	SR5	11/26/2018 17:25	23.47	81.1	5.77	2.1	SR5	11/26/2018 23:25	23.36	78.8	5.60	3.9
SR5	11/26/2018 5:30	22.48	86.7	6.71	3.9	SR5	11/26/2018 11:30	23.61	80.7	5.74	3.7	SR5	11/26/2018 17:30	23.39	78.3	5.57	4.1	SR5	11/26/2018 23:30	23.41	78.0	5.55	4.1
SR5	11/26/2018 5:35	22.38	87.9	6.80	3.2	SR5	11/26/2018 11:35	23.62	80.8	5.75	4.0	SR5	11/26/2018 17:35	23.44	78.6	5.59	2.5	SR5	11/26/2018 23:35	23.44	79.0	5.62	3.4
SR5	11/26/2018 5:40	22.45	86.8	6.72	1.9	SR5	11/26/2018 11:40	23.62	79.4	5.65	1.7	SR5	11/26/2018 17:40	23.40	78.4	5.58	2.0	SR5	11/26/2018 23:40	23.44	79.0	5.62	2.6
SR5	11/26/2018 5:45	22.47	87.5	6.76	3.5	SR5	11/26/2018 11:45	23.62	80.5	5.73	2.2	SR5	11/26/2018 17:45	23.42	78.7	5.60	3.5	SR5	11/26/2018 23:45	23.41	81.4	5.80	3.6
SR5	11/26/2018 5:50	22.42	84.7	6.56	4.0	SR5	11/26/2018 11:50	23.62	78.5	5.58	3.3	SR5	11/26/2018 17:50	23.37	80.0	5.69	5.0	SR5	11/26/2018 23:50	23.39	80.2	5.70	2.4
SR5	11/26/2018 5:55	22.39	87.6	6.78	5.5	SR5	11/26/2018 11:55	23.62	79.7	5.67	3.6	SR5	11/26/2018 17:55	23.36	79.6	5.67	4.0	SR5	11/26/2018 23:55	23.37	79.2	5.64	3.8

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	11/26/2018 0:01	24.06	75.3	5.27	5.2	SR12	11/26/2018 6:01	23.90	81.8	5.74	7.1	SR12	11/26/2018 12:01	23.92	77.2	5.42	1.6	SR12	11/26/2018 18:01	23.89	79.3	5.57	2.0
SR12	11/26/2018 0:06	24.03	75.1	5.27	1.7	SR12	11/26/2018 6:06	23.89	82.4	5.78	5.3	SR12	11/26/2018 12:06	23.91	77.2	5.42	3.7	SR12	11/26/2018 18:06	23.88	78.0	5.48	1.4
SR12	11/26/2018 0:11	24.08	75.0	5.25	3.4	SR12	11/26/2018 6:11	23.89	82.5	5.79	3.2	SR12	11/26/2018 12:11	23.92	76.9	5.40	4.0	SR12	11/26/2018 18:11	23.89	77.8	5.47	1.4
SR12	11/26/2018 0:16	24.06	76.0	5.32	5.2	SR12	11/26/2018 6:16	23.85	82.7	5.81	8.0	SR12	11/26/2018 12:16	23.92	76.6	5.38	4.5	SR12	11/26/2018 18:16	23.90	77.8	5.47	5.4
SR12	11/26/2018 0:21	24.06	76.3	5.34	2.4	SR12	11/26/2018 6:21	23.85	85.5	6.01	8.7	SR12	11/26/2018 12:21	23.92	76.5	5.37	3.9	SR12	11/26/2018 18:21	23.90	78.0	5.48	1.2
SR12	11/26/2018 0:26	24.05	75.7	5.30	2.4	SR12	11/26/2018 6:26	23.88	82.9	5.82	5.8	SR12	11/26/2018 12:26	23.93	76.7	5.38	1.7	SR12	11/26/2018 18:26	23.94	78.1	5.48	3.9
SR12	11/26/2018 0:31	24.03	74.8	5.24	4.1	SR12	11/26/2018 6:31	23.89	82.3	5.78	5.5	SR12	11/26/2018 12:31	23.93	76.8	5.39	4.8	SR12	11/26/2018 18:31	23.92	78.1	5.48	1.3
SR12	11/26/2018 0:36	24.04	74.5	5.22	3.8	SR12	11/26/2018 6:36	23.88	82.5	5.79	3.3	SR12	11/26/2018 12:36	23.94	77.0	5.40	5.5	SR12	11/26/2018 18:36	23.90	77.5	5.44	3.7
SR12	11/26/2018 0:41	24.04	74.7	5.23	4.9	SR12	11/26/2018 6:41	23.88	82.3	5.78	3.0	SR12	11/26/2018 12:41	23.94	76.9	5.39	5.1	SR12	11/26/2018 18:41	23.90	77.9	5.47	5.0
SR12	11/26/2018 0:46	24.05	75.2	5.26	5.3	SR12	11/26/2018 6:46	23.92	82.4	5.78	2.8	SR12	11/26/2018 12:46	23.94	76.2	5.35	2.7	SR12	11/26/2018 18:46	23.90	77.0	5.41	4.0
SR12	11/26/2018 0:51	24.05	75.2	5.26	2.1	SR12	11/26/2018 6:51	23.88	82.4	5.79	3.2	SR12	11/26/2018 12:51	23.95	76.6	5.37	1.5	SR12	11/26/2018 18:51	23.90	77.0	5.41	1.2
SR12	11/26/2018 0:56	24.04	75.1	5.26	3.4	SR12	11/26/2018 6:56	23.88	82.1	5.76	2.5	SR12	11/26/2018 12:56	23.93	75.3	5.28	2.4	SR12	11/26/2018 18:56	23.90	77.3	5.43	1.6
SR12	11/26/2018 1:01	24.04	75.5	5.29	1.4	SR12	11/26/2018 7:01	23.88	82.4	5.78	2.0	SR12	11/26/2018 13:01	23.92	75.0	5.26	2.9	SR12	11/26/2018 19:01	23.95	77.3	5.43	1.2
SR12	11/26/2018 1:06	24.00	76.6	5.37	4.7	SR12	11/26/2018 7:06	23.87	81.8	5.75	4.7	SR12	11/26/2018 13:06	23.93	75.8	5.32	3.0	SR12	11/26/2018 19:06	23.91	77.2	5.42	4.4
SR12	11/26/2018 1:11	24.00	76.4	5.36	2.5	SR12	11/26/2018 7:11	23.88	81.6	5.73	3.0	SR12	11/26/2018 13:11	23.93	76.4	5.36	1.4	SR12	11/26/2018 19:11	23.91	76.8	5.39	2.2
SR12	11/26/2018 1:16	24.01	75.3	5.28	2.4	SR12	11/26/2018 7:16	23.88	81.2	5.70	2.2	SR12	11/26/2018 13:16	23.93	75.6	5.31	3.8	SR12	11/26/2018 19:16	23.90	76.8	5.39	4.1
SR12	11/26/2018 1:21	24.01	76.2	5.34	1.2	SR12	11/26/2018 7:21	23.88	81.5	5.72	2.1	SR12	11/26/2018 13:21	23.94	78.2	5.48	2.3	SR12	11/26/2018 19:21	23.90	77.2	5.42	2.1
SR12	11/26/2018 1:26	24.01	75.9	5.32	3.3	SR12	11/26/2018 7:26	23.86	81.9	5.75	4.1	SR12	11/26/2018 13:26	23.94	78.0	5.47	2.7	SR12	11/26/2018 19:26	23.89	77.1	5.42	1.8
SR12	11/26/2018 1:31	24.00	76.1	5.34	5.5	SR12	11/26/2018 7:31	23.86	82.1	5.77	8.6	SR12	11/26/2018 13:31	23.93	78.5	5.51	4.2	SR12	11/26/2018 19:31	23.89	76.8	5.39	3.0
SR12	11/26/2018 1:36	24.01	75.8	5.31	2.0	SR12	11/26/2018 7:36	23.87	82.1	5.77	8.8	SR12	11/26/2018 13:36	23.95	78.1	5.48	2.0	SR12	11/26/2018 19:36	23.89	76.8	5.39	5.5
SR12	11/26/2018 1:41	24.04	76.2	5.34	1.4	SR12	11/26/2018 7:41	23.88	81.5	5.73	6.7	SR12	11/26/2018 13:41	23.95	78.1	5.48	1.6	SR12	11/26/2018 19:41	23.89	76.6	5.38	5.2
SR12	11/26/2018 1:46	24.00	76.2	5.34	1.4	SR12	11/26/2018 7:46	23.86	81.9	5.75	4.9	SR12	11/26/2018 13:46	23.96	78.3	5.49	4.3	SR12	11/26/2018 19:46	23.89	77.1	5.41	1.9
SR12	11/26/2018 1:51	23.99	76.4	5.36	4.0	SR12	11/26/2018 7:51	23.87	81.7	5.74	4.3	SR12	11/26/2018 13:51	23.99	78.8	5.52	4.7	SR12	11/26/2018 19:51	23.89	77.1	5.41	2.1
SR12	11/26/2018 1:56	23.98	76.5	5.36	3.1	SR12	11/26/2018 7:56	23.87	81.3	5.71	3.6	SR12	11/26/2018 13:56	23.97	78.2	5.49	4.0	SR12	11/26/2018 19:56	23.94	76.5	5.37	3.8
SR12	11/26/2018 2:01	23.99	76.4	5.36	1.2	SR12	11/26/2018 8:01	23.92	80.5	5.65	4.3	SR12	11/26/2018 14:01	23.97	78.7	5.52	3.2	SR12	11/26/2018 20:01	23.91	76.5	5.37	2.4
SR12	11/26/2018 2:06	23.99	75.8	5.31	5.0	SR12	11/26/2018 8:06	23.88	80.6	5.66	4.3	SR12	11/26/2018 14:06	23.95	78.2	5.48	1.8	SR12	11/26/2018 20:06	23.90	76.8	5.39	1.6
SR12	11/26/2018 2:11	23.99	75.9	5.32	1.4	SR12	11/26/2018 8:11	23.87	80.8	5.67	2.4	SR12	11/26/2018 14:11	23.96	78.0	5.47	4.2	SR12	11/26/2018 20:11	23.89	76.4	5.36	4.8
SR12	11/26/2018 2:16	23.98	76.6	5.37	1.6	SR12	11/26/2018 8:16	23.87	80.8	5.68	3.9	SR12	11/26/2018 14:16	23.97	78.7	5.52	5.4	SR12	11/26/2018 20:16	23.89	76.5	5.37	3.8
SR12	11/26/2018 2:21	23.97	76.9	5.39	3.9	SR12	11/26/2018 8:21	23.87	81.0	5.69	3.1	SR12	11/26/2018 14:21	23.96	78.4	5.50	2.4	SR12	11/26/2018 20:21	23.89	76.5	5.37	3.9
SR12	11/26/2018 2:26	23.97	76.5	5.37	2.4	SR12	11/26/2018 8:26	23.87	80.6	5.66	3.2	SR12	11/26/2018 14:26	23.95	78.6	5.52	4.7	SR12	11/26/2018 20:26	23.94	76.3	5.35	4.0
SR12	11/26/2018 2:31	23.97	76.6	5.37	1.2	SR12	11/26/2018 8:31	23.87	80.4	5.65	2.6	SR12	11/26/2018 14:31	23.96	77.8	5.46	3.5	SR12	11/26/2018 20:31	23.90	76.9	5.40	2.7
SR12	11/26/2018 2:36	23.95	76.9	5.40	4.0	SR12	11/26/2018 8:36	23.87	80.3	5.65	1.4	SR12	11/26/2018 14:36	23.96	77.3	5.43	2.9	SR12	11/26/2018 20:36	23.89	76.4	5.37	1.5
SR12	11/26/2018 2:41	23.97	76.4	5.36	2.8	SR12	11/26/2018 8:41	23.88	80.0	5.62	1.4	SR12	11/26/2018 14:41	23.95	77.5	5.44	5.0	SR12	11/26/2018 20:41	23.89	76.5	5.37	5.3
SR12	11/26/2018 2:46	23.95	78.7	5.52	1.6	SR12	11/26/2018 8:46	23.91	80.0	5.62	1.7	SR12	11/26/2018 14:46	23.95	77.2	5.42	1.7	SR12	11/26/2018 20:46	23.89	76.4	5.36	5.3
SR12	11/26/2018 2:51	23.95	79.2	5.56	1.8	SR12	11/26/2018 8:51	23.88	79.9	5.61	1.8	SR12	11/26/2018 14:51	23.95	77.3	5.43	1.6	SR12	11/26/2018 20:51	23.89	76.1	5.35	2.5
SR12	11/26/2018 2:56	23.96	78.5	5.51	1.4	SR12	11/26/2018 8:56	23.88	79.4	5.58	1.9	SR12	11/26/2018 14:56	23.95	77.3	5.42	3.1	SR12	11/26/2018 20:56	23.89	76.5	5.37	3.2
SR12	11/26/2018 3:01	23.95	79.0	5.54	3.6	SR12	11/26/2018 9:01	23.87	79.2	5.57	1.2	SR12	11/26/2018 15:01	23.94	78.0	5.48	3.0	SR12	11/26/2018 21:01	23.89	75.6	5.31	2.4
SR12	11/26/2018 3:06	23.95	78.4	5.50	3.4	SR12	11/26/2018 9:06	23.87	79.5	5.59	1.3	SR12	11/26/2018 15:06	23.93	79.0	5.54	3.6	SR12	11/26/2018 21:06	23.88	76.1	5.34	3.1
SR12	11/26/2018 3:11	23.94	78.7	5.52	3.2	SR12	11/26/2018 9:11	23.89	79.4	5.58	4.7	SR12	11/26/2018 15:11	23.97	79.0	5.54	1.2	SR12	11/26/2018 21:11	23.88	75.5	5.30	5.0
SR12	11/26/2018 3:16	23.94	79.4	5.57	3.3	SR12	11/26/2018 9:16	23.89	79.0	5.55	4.0	SR12	11/26/2018 15:16	23.93	79.8	5.61	1.4	SR12	11/26/2018 21:16	23.89	76.5	5.37	1.1
SR12	11/26/2018 3:21	23.94	79.6	5.59	3.4	SR12	11/26/2018 9:21	23.89	78.5	5.51	3.7	SR12	11/26/2018 15:21	23.93	79.5	5.58	5.3	SR12	11/26/2018 21:21	23.89	76.1	5.35	3.2
SR12	11/26/2018 3:26	23.94	79.4	5.57	5.6	SR12	11/26/2018 9:26	23.89	78.7	5.53	5.2	SR12	11/26/2018 15:26	23.93	79.2	5.56	1.4	SR12	11/26/2018 21:26	23.89	76.1	5.34	2.6
SR12	11/26/2018 3:31	23.92	80.5	5.65	7.4	SR12	11/26/2018 9:31	23.89	78.4	5.51	1.9	SR12	11/26/2018 15:31	23.96	79.9	5.60	1.6	SR12	11/26/2018 21:31	23.89	75.7	5.32	4.3
SR12	11/26/2018 3:36	23.91	81.1	5.69	4.2	SR12	11/26/2018 9:36	23.90	78.2	5.49	5.0	SR12	11/26/2018 15:36	23.94	79.4	5.57	5.4	SR12	11/26/2018 21:36	23.88	75.1	5.28	5.3
SR12	11/26/2018 3:41	23.90	81.9	5.75	3.4	SR12	11/26/2018 9:41	23.90	78.0	5.48	2.3	SR12	11/26/2018 15:41	23.93	78.8	5.54	4.4	SR12	11/26/2018 21:41	23.88	76.2	5.35	3.6
SR12	11/26/2018 3:46	23.91	80.9	5.68	2.4	SR12	11/26/2018 9:46	23.90	77.8	5.47	4.4	SR12	11/26/2018 15:46	23.93	79.0	5.54	3.3	SR12	11/26/2018 21:46	23.88	75.8	5.33	4.6
SR12	11/26/2018 3:51	23.90	81.4	5.71	2.6	SR12	11/26/2018 9:51	23.90	77.6	5.45	5.1	SR12	11/26/2018 15:51	23.93	79.2	5.56	3.5	SR12	11/26/2018 21:51	23.88	75.7	5.32	4.0
SR12	11/26/2018 3:56	23.90	81.6	5.72	3.0	SR12	11/26/2018 9:56	23.90	77.5	5.44	1.6	SR12	11/26/2018 15:56	23.92	79.4	5.57	1.2	SR12	11/26/2018 21:56	23.88	75.4	5.30	2.8
SR12	11/26/2018 4:01	23.90	81.5	5.72	3.1	SR12	11/26/2018 10:01	23.91	76.8	5.39	3.4	SR12	11/26/2018 16:01	23.93	79.2	5.56	1.1	SR12	11/26/2018 22:01	23.88	74.6	5.24	4.6
SR12	11/26/2018 4:06	23.90	81.5	5.72	3.5	SR12	11/26/2018 10:06	23.91	77.0	5.41	4.1	SR12	11/26/2018 16:06	23.97	78.8	5.53	4.9	SR12	11/26/2018 22:06	23.88	75.1	5.27	2.7
SR12	11/26/2018 4:11	23.90	81.3	5.70	2.7	SR12	11/26/2018 10:11	23.90	78.0	5.48	3.0	SR12	11/26/2018 16:11	23.94	79.0	5.55	1.4	SR12	11/26/2018 22:11	23.88	74.9	5.26	4.3
SR12	11/26/2018 4:16	23.90	81.7	5.73	3.6	SR12	11/26/2018 10:16	23.90	77.3	5.43	4.8	SR12	11/26/2018 16:16	23.93	78.9	5.54	5.1	SR12	11/26/2018 22:16	23.89	75.1	5.27	5.4
SR12	11/26/2018 4:21	23.91	81.1	5.69	5.1	SR12	11/26/2018 10:21	23.90	77.2	5.42	3.9	SR12	11/26/2018 16:21	23.92	78.7	5.53	3.8	SR12	11/26/2018 22:21	23.89	74.8	5.26	1.1
SR12	11/26/2018 4:26	23.90	81.6	5.73	9.0	SR12	11/26/2018 10:26	23.90	77.5	5.44	1.2	SR12	11/26/2018 16:26	23.93	78.2	5.49	3.8	SR12	11/26/2018 22:26	23.93	74.6	5.24	2.7
SR12	11/26/2018 4:31	23.90	82.1	5.76	8.5	SR12	11/26/2018 10:31	23.90	77.2	5.42	4.2	SR12	11/26/2018 16:31	23.93	78.1	5.49	4.5	SR12	11/26/2018 22:31	23.90	74.5	5.23	3.3
SR12	11/26/2018 4:36	23.90	82.1	5.76	8.0	SR12	11/26/2018 10:36	23.90	76.2	5.35	3.8	SR12	11/26/2018 16:36	23.97	78.0	5.47	1.4	SR12	11/26/2018 22:36	23.89	75.5	5.30	3.0
SR12	11/26/2018 4:41	23.90	81.4	5.71	8.4	SR12	11/26/2018 10:41	23.91	75.8	5.32	3.8	SR12	11/26/2018 16:41	23.94	77.7	5.46	2.9	SR12	11/26/2018 22:41	23.89	75.3	5.29	1.3
SR12	11/26/2018 4:46	23.89	82.0	5.75	5.8	SR12	11/26/2018 10:46	23.91	76.9	5.40	1.2	SR12	11/26/2018 16:46	23.94	77.6	5.45	3.6	SR12	11/26/2018 22:46	23.89	75.2	5.28	3.4
SR12	11/26/2018 4:51	23.90	82.3	5.78	6.2	SR12	11/26/2018 10:51	23.91	77.4	5.43	5.2	SR12	11/26/2018 16:51	23.92	78.3	5.50	2.7	SR12	11/26/2018 22:51	23.89	75.1	5.28	3.5
SR12	11/26/2018 4:56	23.89	82.2	5.77	4.9	SR12	11/26/2018 10:56	23.91	77.1	5.41	2.2	SR12	11/26/2018 16:56	23.93	77.7	5.46	1.3	SR12	11/26/2018 22:56	23.93	75.3	5.28	5.5
SR12	11/26/2018 5:01	23.89	82.0	5.76	4.5	SR12	11/26/2018 11:01	23.91	76.4	5.37	3.9	SR12	11/26/2018 17:01	23.92	79.0	5.55	2.9	SR12	11/26/2018 23:01	23.90	75.0	5.27	2.2
SR12	11/26/2018 5:06	23.90	82.2	5.77	5.2	SR12	11/26/2018 11:06	23.91	76.8	5.39	3.2	SR12	11/26/2018 17:06	23.92	78.2	5.49	3.9	SR12	11/26/2018 23:06	23.89	74.9	5.26	2.4
SR12	11/26/2018 5:11	23.89	82.2	5.77	8.2	SR12	11/26/2018 11:11	23.91	76.1	5.34	1.3	SR12	11/26/2018 17:11	23.92	78.3	5.50	1.9	SR12	11/26/2018 23:11	23.88	75.0	5.26	5.5
SR12	11/26/2018 5:16	23.89	82.2	5.77	7.0	SR12	11/26/2018 11:16	23.91	76.7	5.39	1.3	SR12	11/26/2018 17:16	23.92	77.7	5.46	4.4	SR12	11/26/2018 23:16	23.88	76.0	5.34	1.6
SR12	11/26/2018 5:21	23.88	81.9	5.75	3.4	SR12	11/26/2018 11:21	23.90	77.0	5.41	2.1	SR12	11/26/2018 17:21	23.91	79.0	5.55	1.8	SR12	11/26/2018 23:21	23.88	75.8	5.33	4.1
SR12	11/26/2018 5:26	23.89	82.2	5.77	4.9	SR12	11/26/2018 11:26	23.91	77.2	5.42	2.0	SR12	11/26/2018 17:26	23.91	78.5	5.51	3.1	SR12	11/26/2018 23:26	23.88	75.9	5.33	4.6
SR12	11/26/2018 5:31	23.88	81.9	5.75	7.5	SR12	11/26/2018 11:31	23.95	76.5	5.37	4.3	SR12	11/26/2018 17:31	23.91	78.1	5.48	3.3	SR12	11/26/2018 23:31	23.87	75.7	5.32	4.4
SR12	11/26/2018 5:36	23.88	82.2	5.77	3.3	SR12	11/26/2018 11:36	23.92	77.1	5.41	1.2	SR12	11/26/2018 17:36	23.91	77.9	5.47	1.5	SR12	11/26/2018 23:36	23.87	75.6	5.31	3.1
SR12	11/26/2018 5:41	23.93	81.7	5.73	4.0	SR12	11/26/2018 11:41	23.91	77.0	5.41	2.2	SR12	11/26/2018 17:41	23.91	78.2	5.49	3.0	SR12	11/26/2018 23:41	23.87	75.6	5.31	4.9
SR12	11/26/2018 5:46	23.91	81.6	5.73	3.3	SR12	11/26/2018 11:46	23.95	77.0	5.40	1.2	SR12	11/26/2018 17:46	23.95	77.4	5.44	2.2	SR12	11/26/2018 23:46	23.88	75.9	5.33	5.4
SR12	11/26/2018 5:51	23.91	81.5	5.72	5.3	SR12	11/26/2018 11:51	23.96	77.1	5.41	2.1	SR12	11/26/2018 17:51	23.92	78.0	5.48	4.5	SR12	11/26/2018 23:51	23.88	76.3	5.36	3.7
SR12	11/26/2018 5:56	23.90	81.4	5.72	6.7	SR12	11/26/2018 11:56	23.92	77.7	5.45	1.5	SR12	11/26/2018 17:56	23.90	78.3	5.50	4.6	SR12	11/26/2018 23:56	23.86	76.3	5.37	4.6

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	11/26/2018 0:00	23.40	81.4	5.78	4.0	SR13	11/26/2018 6:00	23.06	85.4	6.20	5.0	SR13	11/26/2018 12:00	23.32	82.9	5.90	4.0	SR13	11/26/2018 18:00	23.27	82.8	5.89	5.2
SR13	11/26/2018 0:05	23.37	81.2	5.77	3.7	SR13	11/26/2018 6:05	23.07	85.1	6.18	4.1	SR13	11/26/2018 12:05	23.32	82.1	5.84	4.8	SR13	11/26/2018 18:05	23.28	83.1	5.91	4.3
SR13	11/26/2018 0:10	23.36	80.8	5.74	5.6	SR13	11/26/2018 6:10	23.06	85.4	6.21	5.9	SR13	11/26/2018 12:10	23.32	82.3	5.85	5.6	SR13	11/26/2018 18:10	23.27	82.6	5.87	4.2
SR13	11/26/2018 0:15	23.37	80.8	5.74	4.6	SR13	11/26/2018 6:15	23.05	85.9	6.24	8.5	SR13	11/26/2018 12:15	23.33	83.6	5.95	6.1	SR13	11/26/2018 18:15	23.25	81.1	5.77	4.7
SR13	11/26/2018 0:20	23.37	81.1	5.76	4.6	SR13	11/26/2018 6:20	23.02	85.6	6.22	7.3	SR13	11/26/2018 12:20	23.33	83.0	5.90	5.5	SR13	11/26/2018 18:20	23.27	81.9	5.82	3.6
SR13	11/26/2018 0:25	23.37	81.3	5.78	6.0	SR13	11/26/2018 6:25	23.05	85.7	6.23	7.4	SR13	11/26/2018 12:25	23.32	82.7	5.88	4.2	SR13	11/26/2018 18:25	23.26	81.9	5.83	5.3
SR13	11/26/2018 0:30	23.37	81.0	5.75	6.3	SR13	11/26/2018 6:30	23.05	86.1	6.25	4.2	SR13	11/26/2018 12:30	23.34	83.4	5.93	5.9	SR13	11/26/2018 18:30	23.27	81.6	5.80	4.9
SR13	11/26/2018 0:35	23.37	80.5	5.72	4.8	SR13	11/26/2018 6:35	23.04	85.0	6.17	6.8	SR13	11/26/2018 12:35	23.34	83.2	5.91	4.0	SR13	11/26/2018 18:35	23.25	82.4	5.86	7.1
SR13	11/26/2018 0:40	23.36	80.2	5.69	5.7	SR13	11/26/2018 6:40	23.03	85.4	6.21	6.6	SR13	11/26/2018 12:40	23.32	82.4	5.86	6.6	SR13	11/26/2018 18:40	23.24	82.7	5.88	6.6
SR13	11/26/2018 0:45	23.41	81.6	5.79	6.3	SR13	11/26/2018 6:45	23.05	85.0	6.18	7.2	SR13	11/26/2018 12:45	23.32	83.3	5.92	7.0	SR13	11/26/2018 18:45	23.26	82.7	5.88	4.5
SR13	11/26/2018 0:50	23.40	81.0	5.76	4.2	SR13	11/26/2018 6:50	23.04	86.1	6.25	5.0	SR13	11/26/2018 12:50	23.31	83.0	5.90	5.7	SR13	11/26/2018 18:50	23.25	81.4	5.79	6.0
SR13	11/26/2018 0:55	23.39	81.8	5.81	5.7	SR13	11/26/2018 6:55	23.05	86.5	6.28	7.0	SR13	11/26/2018 12:55	23.32	82.7	5.88	3.6	SR13	11/26/2018 18:55	23.25	82.2	5.84	4.5
SR13	11/26/2018 1:00	23.39	82.3	5.84	5.7	SR13	11/26/2018 7:00	23.03	84.9	6.17	6.1	SR13	11/26/2018 13:00	23.32	83.2	5.91	5.3	SR13	11/26/2018 19:00	23.24	82.6	5.87	6.4
SR13	11/26/2018 1:05	23.41	82.4	5.85	3.8	SR13	11/26/2018 7:05	23.03	85.8	6.24	8.6	SR13	11/26/2018 13:05	23.32	83.5	5.94	4.1	SR13	11/26/2018 19:05	23.24	82.9	5.89	4.0
SR13	11/26/2018 1:10	23.39	81.0	5.75	5.3	SR13	11/26/2018 7:10	23.04	85.1	6.19	5.0	SR13	11/26/2018 13:10	23.33	83.6	5.94	7.0	SR13	11/26/2018 19:10	23.28	82.0	5.83	4.4
SR13	11/26/2018 1:15	23.38	81.5	5.79	5.0	SR13	11/26/2018 7:15	23.06	86.1	6.25	5.4	SR13	11/26/2018 13:15	23.33	82.4	5.85	8.1	SR13	11/26/2018 19:15	23.26	82.5	5.86	3.9
SR13	11/26/2018 1:20	23.38	80.6	5.72	6.5	SR13	11/26/2018 7:20	23.05	86.1	6.26	6.8	SR13	11/26/2018 13:20	23.33	81.8	5.81	4.8	SR13	11/26/2018 19:20	23.27	81.8	5.82	5.1
SR13	11/26/2018 1:25	23.40	81.6	5.80	6.2	SR13	11/26/2018 7:25	23.03	86.9	6.31	5.5	SR13	11/26/2018 13:25	23.33	82.8	5.88	4.0	SR13	11/26/2018 19:25	23.24	82.4	5.85	6.7
SR13	11/26/2018 1:30	23.38	80.1	5.69	6.1	SR13	11/26/2018 7:30	23.02	85.0	6.18	5.9	SR13	11/26/2018 13:30	23.33	81.7	5.81	5.4	SR13	11/26/2018 19:30	23.27	82.6	5.87	5.5
SR13	11/26/2018 1:35	23.40	82.0	5.82	5.7	SR13	11/26/2018 7:35	23.02	86.4	6.29	4.1	SR13	11/26/2018 13:35	23.33	82.2	5.84	5.2	SR13	11/26/2018 19:35	23.26	82.2	5.84	5.0
SR13	11/26/2018 1:40	23.37	81.0	5.75	5.5	SR13	11/26/2018 7:40	23.03	84.7	6.16	3.3	SR13	11/26/2018 13:40	23.33	81.0	5.76	4.4	SR13	11/26/2018 19:40	23.26	81.6	5.80	4.8
SR13	11/26/2018 1:45	23.38	82.0	5.83	5.4	SR13	11/26/2018 7:45	23.11	85.5	6.20	5.6	SR13	11/26/2018 13:45	23.33	80.9	5.75	6.1	SR13	11/26/2018 19:45	23.28	81.9	5.82	4.0
SR13	11/26/2018 1:50	23.38	81.8	5.81	7.2	SR13	11/26/2018 7:50	23.11	86.0	6.24	7.1	SR13	11/26/2018 13:50	23.33	82.0	5.83	3.4	SR13	11/26/2018 19:50	23.26	82.6	5.87	5.2
SR13	11/26/2018 1:55	23.38	81.9	5.82	5.1	SR13	11/26/2018 7:55	23.05	85.6	6.22	4.0	SR13	11/26/2018 13:55	23.33	82.0	5.83	2.9	SR13	11/26/2018 19:55	23.25	81.7	5.81	3.0
SR13	11/26/2018 2:00	23.38	81.5	5.79	4.2	SR13	11/26/2018 8:00	23.18	84.3	6.10	4.4	SR13	11/26/2018 14:00	23.34	80.4	5.72	4.8	SR13	11/26/2018 20:00	23.25	81.0	5.76	4.0
SR13	11/26/2018 2:05	23.38	81.3	5.78	4.9	SR13	11/26/2018 8:05	23.27	84.7	6.11	3.9	SR13	11/26/2018 14:05	23.34	83.5	5.93	5.1	SR13	11/26/2018 20:05	23.25	81.8	5.82	5.1
SR13	11/26/2018 2:10	23.36	80.7	5.73	4.7	SR13	11/26/2018 8:10	23.29	85.1	6.12	7.2	SR13	11/26/2018 14:10	23.34	83.1	5.91	6.5	SR13	11/26/2018 20:10	23.26	81.5	5.80	4.4
SR13	11/26/2018 2:15	23.36	81.0	5.76	6.9	SR13	11/26/2018 8:15	23.16	84.3	6.00	8.2	SR13	11/26/2018 14:15	23.34	82.5	5.87	4.3	SR13	11/26/2018 20:15	23.25	81.5	5.79	5.4
SR13	11/26/2018 2:20	23.37	82.0	5.82	5.7	SR13	11/26/2018 8:20	23.30	84.7	6.08	6.3	SR13	11/26/2018 14:20	23.34	82.3	5.85	5.5	SR13	11/26/2018 20:20	23.24	82.2	5.84	6.1
SR13	11/26/2018 2:25	23.39	81.4	5.78	5.0	SR13	11/26/2018 8:25	23.32	84.4	6.05	6.0	SR13	11/26/2018 14:25	23.34	81.8	5.81	5.7	SR13	11/26/2018 20:25	23.25	81.5	5.80	6.8
SR13	11/26/2018 2:30	23.38	81.4	5.78	4.2	SR13	11/26/2018 8:30	23.30	84.4	6.00	7.4	SR13	11/26/2018 14:30	23.34	82.2	5.84	6.9	SR13	11/26/2018 20:30	23.27	82.3	5.85	3.1
SR13	11/26/2018 2:35	23.36	82.1	5.83	4.3	SR13	11/26/2018 8:35	23.31	84.7	6.02	5.9	SR13	11/26/2018 14:35	23.35	82.6	5.87	7.1	SR13	11/26/2018 20:35	23.26	81.6	5.80	3.3
SR13	11/26/2018 2:40	23.35	82.1	5.83	5.9	SR13	11/26/2018 8:40	23.31	83.7	5.95	5.5	SR13	11/26/2018 14:40	23.35	81.7	5.80	6.1	SR13	11/26/2018 20:40	23.28	81.4	5.78	3.4
SR13	11/26/2018 2:45	23.37	81.2	5.77	5.5	SR13	11/26/2018 8:45	23.34	84.4	6.00	4.7	SR13	11/26/2018 14:45	23.34	82.2	5.84	3.5	SR13	11/26/2018 20:45	23.26	81.9	5.82	3.6
SR13	11/26/2018 2:50	23.35	80.9	5.75	4.9	SR13	11/26/2018 8:50	23.32	83.7	5.95	4.6	SR13	11/26/2018 14:50	23.34	82.2	5.84	3.1	SR13	11/26/2018 20:50	23.26	81.5	5.79	5.3
SR13	11/26/2018 2:55	23.37	81.5	5.79	3.7	SR13	11/26/2018 8:55	23.34	83.6	5.94	7.1	SR13	11/26/2018 14:55	23.30	82.4	5.85	4.1	SR13	11/26/2018 20:55	23.27	81.6	5.80	5.3
SR13	11/26/2018 3:00	23.35	81.3	5.78	5.7	SR13	11/26/2018 9:00	23.32	84.9	6.04	5.8	SR13	11/26/2018 15:00	23.29	81.9	5.82	5.1	SR13	11/26/2018 21:00	23.25	80.9	5.75	6.9
SR13	11/26/2018 3:05	23.37	81.9	5.82	6.1	SR13	11/26/2018 9:05	23.33	83.9	5.97	9.7	SR13	11/26/2018 15:05	23.28	83.1	5.90	4.5	SR13	11/26/2018 21:05	23.24	80.7	5.73	6.2
SR13	11/26/2018 3:10	23.36	81.0	5.76	5.3	SR13	11/26/2018 9:10	23.31	83.1	5.91	7.1	SR13	11/26/2018 15:10	23.28	82.4	5.86	5.7	SR13	11/26/2018 21:10	23.25	80.6	5.73	5.5
SR13	11/26/2018 3:15	23.37	81.9	5.82	4.4	SR13	11/26/2018 9:15	23.32	83.1	5.91	7.1	SR13	11/26/2018 15:15	23.28	81.1	5.77	5.7	SR13	11/26/2018 21:15	23.26	80.1	5.69	3.2
SR13	11/26/2018 3:20	23.35	81.2	5.79	6.7	SR13	11/26/2018 9:20	23.32	82.8	5.89	4.7	SR13	11/26/2018 15:20	23.30	81.0	5.76	6.4	SR13	11/26/2018 21:20	23.24	80.8	5.75	5.9
SR13	11/26/2018 3:25	23.36	81.5	5.81	3.8	SR13	11/26/2018 9:25	23.34	83.9	5.97	3.4	SR13	11/26/2018 15:25	23.28	81.9	5.82	4.1	SR13	11/26/2018 21:25	23.24	80.8	5.74	6.1
SR13	11/26/2018 3:30	23.37	82.3	5.87	3.4	SR13	11/26/2018 9:30	23.34	83.5	5.94	5.2	SR13	11/26/2018 15:30	23.28	81.8	5.81	4.8	SR13	11/26/2018 21:30	23.24	81.9	5.82	5.3
SR13	11/26/2018 3:35	23.35	81.8	5.83	5.0	SR13	11/26/2018 9:35	23.33	84.1	5.98	4.0	SR13	11/26/2018 15:35	23.29	81.2	5.77	4.7	SR13	11/26/2018 21:35	23.24	81.0	5.76	5.8
SR13	11/26/2018 3:40	23.36	82.2	5.86	3.9	SR13	11/26/2018 9:40	23.34	83.1	5.91	3.9	SR13	11/26/2018 15:40	23.28	81.6	5.80	4.4	SR13	11/26/2018 21:40	23.25	80.9	5.75	4.3
SR13	11/26/2018 3:45	23.34	82.4	5.87	5.0	SR13	11/26/2018 9:45	23.32	83.1	5.91	3.8	SR13	11/26/2018 15:45	23.29	82.3	5.85	4.1	SR13	11/26/2018 21:45	23.24	81.5	5.79	5.7
SR13	11/26/2018 3:50	23.34	82.0	5.84	5.9	SR13	11/26/2018 9:50	23.33	83.9	5.97	5.9	SR13	11/26/2018 15:50	23.28	82.8	5.88	3.5	SR13	11/26/2018 21:50	23.24	81.1	5.77	4.4
SR13	11/26/2018 3:55	23.37	81.4	5.80	4.3	SR13	11/26/2018 9:55	23.33	84.2	5.99	4.9	SR13	11/26/2018 15:55	23.31	82.2	5.84	3.6	SR13	11/26/2018 21:55	23.25	80.0	5.69	6.5
SR13	11/26/2018 4:00	23.35	82.1	5.85	3.9	SR13	11/26/2018 10:00	23.33	84.1	5.98	6.3	SR13	11/26/2018 16:00	23.29	82.9	5.90	4.4	SR13	11/26/2018 22:00	23.25	80.6	5.73	5.2
SR13	11/26/2018 4:05	23.35	81.7	5.83	4.9	SR13	11/26/2018 10:05	23.34	84.7	6.02	5.9	SR13	11/26/2018 16:05	23.30	82.8	5.88	5.9	SR13	11/26/2018 22:05	23.24	81.7	5.81	4.1
SR13	11/26/2018 4:10	23.36	81.9	5.83	5.5	SR13	11/26/2018 10:10	23.33	84.4	6.00	4.6	SR13	11/26/2018 16:10	23.29	82.4	5.85	4.1	SR13	11/26/2018 22:10	23.25	80.3	5.71	5.2
SR13	11/26/2018 4:15	23.35	82.9	5.91	6.7	SR13	11/26/2018 10:15	23.34	84.2	5.99	6.9	SR13	11/26/2018 16:15	23.31	83.4	5.92	4.8	SR13	11/26/2018 22:15	23.25	81.1	5.77	4.5
SR13	11/26/2018 4:20	23.34	81.8	5.83	6.0	SR13	11/26/2018 10:20	23.34	82.8	5.89	7.8	SR13	11/26/2018 16:20	23.29	82.9	5.89	4.8	SR13	11/26/2018 22:20	23.27	80.0	5.69	5.7
SR13	11/26/2018 4:25	23.36	82.4	5.88	5.4	SR13	11/26/2018 10:25	23.32	84.5	6.01	6.6	SR13	11/26/2018 16:25	23.30	82.0	5.83	5.4	SR13	11/26/2018 22:25	23.26	80.8	5.75	6.0
SR13	11/26/2018 4:30	23.35	82.3	5.86	4.9	SR13	11/26/2018 10:30	23.33	82.4	5.86	7.3	SR13	11/26/2018 16:30	23.29	83.4	5.92	5.5	SR13	11/26/2018 22:30	23.25	80.5	5.72	5.7
SR13	11/26/2018 4:35	23.34	82.4	5.87	4.2	SR13	11/26/2018 10:35	23.33	83.7	5.95	6.6	SR13	11/26/2018 16:35	23.30	82.3	5.85	3.9	SR13	11/26/2018 22:35	23.24	80.6	5.73	4.7
SR13	11/26/2018 4:40	23.35	82.8	5.88	3.7	SR13	11/26/2018 10:40	23.32	83.3	5.92	3.6	SR13	11/26/2018 16:40	23.27	82.6	5.87	3.1	SR13	11/26/2018 22:40	23.23	81.2	5.77	5.7
SR13	11/26/2018 4:45	23.34	82.8	5.88	4.3	SR13	11/26/2018 10:45	23.31	82.8	5.89	6.0	SR13	11/26/2018 16:45	23.27	83.1	5.90	2.8	SR13	11/26/2018 22:45	23.24	80.6	5.73	5.4
SR13	11/26/2018 4:50	23.33	83.7	5.95	5.4	SR13	11/26/2018 10:50	23.31	83.7	5.95	6.3	SR13	11/26/2018 16:50	23.29	82.2	5.84	6.1	SR13	11/26/2018 22:50	23.24	80.4	5.72	3.7
SR13	11/26/2018 4:55	23.35	83.3	5.96	4.8	SR13	11/26/2018 10:55	23.31	83.3	5.93	7.7	SR13	11/26/2018 16:55	23.29	82.4	5.86	4.4	SR13	11/26/2018 22:55	23.24	80.0	5.69	5.4
SR13	11/26/2018 5:00	23.34	83.3	5.98	4.7	SR13	11/26/2018 11:00	23.32	83.2	5.91	5.4	SR13	11/26/2018 17:00	23.27	82.8	5.88	5.2	SR13	11/26/2018 23:00	23.23	80.9	5.75	5.3
SR13	11/26/2018 5:05	23.30	83.2	5.98	5.2	SR13	11/26/2018 11:05	23.32	84.2	5.98	4.7	SR13	11/26/2018 17:05	23.27	82.6	5.87	5.5	SR13	11/26/2018 23:05	23.23	80.5	5.73	3.8
SR13	11/26/2018 5:10	23.26	84.9	6.11	7.4	SR13	11/26/2018 11:10	23.32	83.7	5.95	6.8	SR13	11/26/2018 17:10	23.28	82.1	5.84	4.8	SR13	11/26/2018 23:10	23.26	79.5	5.65	4.4
SR13	11/26/2018 5:15	23.21	84.4	6.10	8.1	SR13	11/26/2018 11:15	23.31	84.0	5.97	7.2	SR13	11/26/2018 17:15	23.28	83.1	5.91	5.7	SR13	11/26/2018 23:15	23.24	81.1	5.76	5.8
SR13	11/26/2018 5:20	23.16	84.0	6.09	5.3	SR13	11/26/2018 11:20	23.31	82.0	5.83	5.4	SR13	11/26/2018 17:20	23.28	81.6	5.79	2.9	SR13	11/26/2018 23:20	23.25	80.5	5.72	3.1
SR13	11/26/2018 5:25	23.08	84.0	6.10	7.7	SR13	11/26/2018 11:25	23.31	82.1	5.84	6.9	SR13	11/26/2018 17:25	23.29	81.6	5.80	5.1	SR13	11/26/2018 23:25	23.23	80.7	5.74	5.1
SR13	11/26/2018 5:30	23.15	85.4	6.18	4.9	SR13	11/26/2018 11:30	23.31	82.6	5.87	3.8	SR13	11/26/2018 17:30	23.30	81.3	5.78	5.5	SR13	11/26/2018 23:30	23.25	81.1	5.76	4.8
SR13	11/26/2018 5:35	23.11	84.5	6.14	5.7	SR13	11/26/2018 11:35	23.32	83.9	5.96	5.1	SR13	11/26/2018 17:35	23.27	82.4	5.85	5.1	SR13	11/26/2018 23:35	23.23	80.5	5.72	5.6
SR13	11/26/2018 5:40	23.11	85.4	6.20	6.8	SR13	11/26/2018 11:40	23.32	83.1	5.91	4.9	SR13	11/26/2018 17:40	23.28	82.3	5.85	2.8	SR13	11/26/2018 23:40	23.26	80.7	5.74	6.6
SR13	11/26/2018 5:45	23.11	85.3	6.19	5.9	SR13	11/26/2018 11:45	23.32	82.9	5.89	6.5	SR13	11/26/2018 17:45	23.26	83.1	5.91	4.5	SR13	11/26/2018 23:45	23.25	81.1	5.76	4.8
SR13	11/26/2018 5:50	23.10	84.8	6.16	5.4	SR13	11/26/2018 11:50	23.32	82.0	5.83	5.4	SR13	11/26/2018 17:50	23.25	82.3	5.85	6.4	SR13	11/26/2018 23:50	23.23	80.4	5.71	6.3
SR13	11/26/2018 5:55	23.06	85.2	6.19	5.5	SR13	11/26/2018 11:55	23.31	83.3	5.92	5.9	SR13	11/26/2018 17:55	23.28	82.4	5.86	3.0	SR13	11/26/2018 23:55	23.23	81.6	5.80	5.7

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	11/26/2018 0:17	0.11				SR12	11/26/2018 0:17	0.09			
SR4	11/26/2018 0:37	0.13				SR12	11/26/2018 0:37	0.12			
SR4	11/26/2018 0:57	0.13				SR12	11/26/2018 0:57	0.13			
SR4	11/26/2018 1:17	0.13				SR12	11/26/2018 1:17	0.10			
SR4	11/26/2018 1:37	0.12				SR12	11/26/2018 1:37	0.12			
SR4	11/26/2018 1:57	0.10				SR12	11/26/2018 1:57	0.13			
SR4	11/26/2018 2:17	0.11				SR12	11/26/2018 2:17	0.15			
SR4	11/26/2018 2:37	0.11				SR12	11/26/2018 2:37	0.10			
SR4	11/26/2018 2:57	0.11				SR12	11/26/2018 2:57	0.10			
SR4	11/26/2018 3:17	0.13				SR12	11/26/2018 3:17	0.13			
SR4	11/26/2018 3:37	0.13				SR12	11/26/2018 3:37	0.11			
SR4	11/26/2018 3:57	0.13				SR12	11/26/2018 3:57	0.15			
SR4	11/26/2018 4:17	0.11				SR12	11/26/2018 4:17	0.13			
SR4	11/26/2018 4:37	0.12				SR12	11/26/2018 4:37	0.10			
SR4	11/26/2018 4:57	0.11				SR12	11/26/2018 4:57	0.12			
SR4	11/26/2018 5:17	0.11				SR12	11/26/2018 5:17	0.13			
SR4	11/26/2018 5:37	0.13				SR12	11/26/2018 5:37	0.11			
SR4	11/26/2018 5:57	0.13				SR12	11/26/2018 5:57	0.09			
SR4						SR12					
SR4	11/26/2018 6:37	0.12				SR12	11/26/2018 6:37	0.14			
SR4	11/26/2018 6:57	0.10				SR12	11/26/2018 6:57	0.14			
SR4	11/26/2018 7:17	0.13				SR12	11/26/2018 7:17	0.11			
SR4	11/26/2018 7:37	0.12				SR12	11/26/2018 7:37	0.11			
SR4	11/26/2018 7:57	0.13				SR12	11/26/2018 7:57	0.09			
SR4	11/26/2018 8:17	0.12				SR12	11/26/2018 8:17	0.11			
SR4	11/26/2018 8:37	0.11				SR12	11/26/2018 8:37	0.11			
SR4	11/26/2018 8:57	0.12				SR12	11/26/2018 8:57	0.14			
SR4	11/26/2018 9:17	0.11				SR12	11/26/2018 9:17	0.12			
SR4	11/26/2018 9:37	0.13				SR12	11/26/2018 9:37	0.12			
SR4	11/26/2018 9:57	0.11				SR12	11/26/2018 9:57	0.10			
SR4	11/26/2018 10:17	0.13				SR12	11/26/2018 10:17	0.12			
SR4	11/26/2018 10:37	0.12				SR12	11/26/2018 10:37	0.11			
SR4	11/26/2018 10:57	0.12				SR12	11/26/2018 10:57	0.11			
SR4	11/26/2018 11:17	0.12				SR12	11/26/2018 11:17	0.14			
SR4	11/26/2018 11:37	0.12				SR12	11/26/2018 11:37	0.12			
SR4	11/26/2018 11:57	0.11				SR12	11/26/2018 11:57	0.14			
SR4	11/26/2018 12:17	0.13				SR12	11/26/2018 12:17	0.16			
SR4	11/26/2018 12:37	0.12				SR12	11/26/2018 12:37	0.12			
SR4	11/26/2018 12:57	0.12				SR12	11/26/2018 12:57	0.12			
SR4	11/26/2018 13:17	0.12				SR12	11/26/2018 13:17	0.10			
SR4	11/26/2018 13:37	0.11				SR12	11/26/2018 13:37	0.13			
SR4	11/26/2018 13:57	0.11				SR12	11/26/2018 13:57	0.14			
SR4	11/26/2018 14:17	0.11				SR12	11/26/2018 14:17	0.12			
SR4	11/26/2018 14:37	0.11				SR12	11/26/2018 14:37	0.09			
SR4	11/26/2018 14:57	0.11				SR12	11/26/2018 14:57	0.11			
SR4	11/26/2018 15:17	0.14				SR12	11/26/2018 15:17	0.10			
SR4	11/26/2018 15:37	0.13				SR12	11/26/2018 15:37	0.10			
SR4	11/26/2018 15:57	0.12				SR12	11/26/2018 15:57	0.11			
SR4	11/26/2018 16:17	0.14				SR12	11/26/2018 16:17	0.11			
SR4	11/26/2018 16:37	0.12				SR12	11/26/2018 16:37	0.11			
SR4	11/26/2018 16:57	0.14				SR12	11/26/2018 16:57	0.09			
SR4	11/26/2018 17:17	0.12				SR12	11/26/2018 17:17	0.10			
SR4	11/26/2018 17:37	0.11				SR12	11/26/2018 17:37	0.10			
SR4	11/26/2018 17:57	0.14				SR12	11/26/2018 17:57	0.08			
SR4	11/26/2018 18:17	0.14				SR12	11/26/2018 18:17	0.12			
SR4	11/26/2018 18:37	0.11				SR12	11/26/2018 18:37	0.08			
SR4	11/26/2018 18:57	0.13				SR12	11/26/2018 18:57	0.10			
SR4	11/26/2018 19:17	0.11				SR12	11/26/2018 19:17	0.10			
SR4	11/26/2018 19:37	0.12				SR12	11/26/2018 19:37	0.11			
SR4	11/26/2018 19:57	0.11				SR12	11/26/2018 19:57	0.14			
SR4	11/26/2018 20:17	0.10				SR12	11/26/2018 20:17	0.09			
SR4	11/26/2018 20:37	0.11				SR12	11/26/2018 20:37	0.08			
SR4	11/26/2018 20:57	0.11				SR12	11/26/2018 20:57	0.14			
SR4	11/26/2018 21:17	0.10				SR12	11/26/2018 21:17	0.12			
SR4	11/26/2018 21:37	0.11				SR12	11/26/2018 21:37	0.08			
SR4	11/26/2018 21:57	0.10				SR12	11/26/2018 21:57	0.13			
SR4	11/26/2018 22:17	0.10				SR12	11/26/2018 22:17	0.10			
SR4	11/26/2018 22:37	0.10				SR12	11/26/2018 22:37	0.12			
SR4	11/26/2018 22:57	0.12				SR12	11/26/2018 22:57	0.13			
SR4	11/26/2018 23:17	0.11				SR12	11/26/2018 23:17	0.14			
SR4	11/26/2018 23:37	0.12				SR12	11/26/2018 23:37	0.11			
SR4	11/26/2018 23:57	0.12				SR12	11/26/2018 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.

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	11/27/2018 0:01	23.08	75.2	5.37	1.9	SR4	11/27/2018 6:01	20.35	99.2	8.90	3.0	SR4	11/27/2018 12:01	22.98	77.0	5.51	3.4	SR4	11/27/2018 18:01	22.88	73.3	5.27	1.8
SR4	11/27/2018 0:06	23.08	76.2	5.44	1.5	SR4	11/27/2018 6:06	20.20	99.3	8.93	3.1	SR4	11/27/2018 12:06	22.98	77.4	5.54	3.3	SR4	11/27/2018 18:06	22.90	74.0	5.32	3.2
SR4	11/27/2018 0:11	23.07	76.4	5.45	3.7	SR4	11/27/2018 6:11	20.14	99.1	8.92	3.6	SR4	11/27/2018 12:11	22.98	77.5	5.54	3.4	SR4	11/27/2018 18:11	22.90	75.2	5.40	3.1
SR4	11/27/2018 0:16	23.08	76.3	5.45	1.2	SR4	11/27/2018 6:16	19.97	99.3	8.98	1.9	SR4	11/27/2018 12:16	22.99	77.3	5.53	3.5	SR4	11/27/2018 18:16	22.84	76.2	5.48	4.9
SR4	11/27/2018 0:21	23.08	75.7	5.41	3.1	SR4	11/27/2018 6:21	20.01	99.4	8.98	2.0	SR4	11/27/2018 12:21	22.99	78.1	5.59	3.3	SR4	11/27/2018 18:21	22.90	74.7	5.37	3.0
SR4	11/27/2018 0:26	23.08	74.8	5.34	1.0	SR4	11/27/2018 6:26	19.90	99.5	9.01	1.6	SR4	11/27/2018 12:26	23.00	77.4	5.53	3.1	SR4	11/27/2018 18:26	22.91	73.5	5.27	3.1
SR4	11/27/2018 0:31	23.08	74.2	5.29	5.2	SR4	11/27/2018 6:31	19.97	99.4	8.98	2.9	SR4	11/27/2018 12:31	23.00	76.7	5.48	1.9	SR4	11/27/2018 18:31	22.94	74.7	5.35	3.7
SR4	11/27/2018 0:36	23.08	75.6	5.40	4.4	SR4	11/27/2018 6:36	19.97	99.4	8.98	1.2	SR4	11/27/2018 12:36	23.00	76.9	5.50	3.6	SR4	11/27/2018 18:36	22.78	76.5	5.52	4.2
SR4	11/27/2018 0:41	23.08	75.6	5.40	4.7	SR4	11/27/2018 6:41	19.84	99.6	9.02	5.0	SR4	11/27/2018 12:41	23.00	77.0	5.51	2.8	SR4	11/27/2018 18:41	22.70	77.5	5.59	5.1
SR4	11/27/2018 0:46	23.08	76.1	5.43	1.3	SR4	11/27/2018 6:46	19.82	99.5	9.01	3.2	SR4	11/27/2018 12:46	23.00	76.8	5.49	2.0	SR4	11/27/2018 18:46	22.91	75.5	5.42	3.5
SR4	11/27/2018 0:51	23.08	76.2	5.44	2.3	SR4	11/27/2018 6:51	19.89	99.4	9.00	4.1	SR4	11/27/2018 12:51	23.00	75.9	5.43	4.0	SR4	11/27/2018 18:51	22.83	74.1	5.33	3.6
SR4	11/27/2018 0:56	23.08	75.4	5.39	5.4	SR4	11/27/2018 6:56	19.79	99.6	9.03	5.4	SR4	11/27/2018 12:56	23.00	76.3	5.46	1.7	SR4	11/27/2018 18:56	22.86	74.2	5.34	2.7
SR4	11/27/2018 1:01	23.08	74.9	5.35	2.0	SR4	11/27/2018 7:01	21.45	98.9	8.67	4.5	SR4	11/27/2018 13:01	22.99	77.1	5.51	5.0	SR4	11/27/2018 19:01	22.93	75.6	5.42	2.5
SR4	11/27/2018 1:06	23.08	74.6	5.33	2.6	SR4	11/27/2018 7:06	20.48	99.4	8.89	3.1	SR4	11/27/2018 13:06	22.99	76.9	5.50	1.4	SR4	11/27/2018 19:06	22.90	77.7	5.57	3.3
SR4	11/27/2018 1:11	23.08	76.3	5.45	5.2	SR4	11/27/2018 7:11	20.19	99.5	8.95	3.7	SR4	11/27/2018 13:11	23.00	76.8	5.49	3.1	SR4	11/27/2018 19:11	22.88	77.0	5.53	4.4
SR4	11/27/2018 1:16	23.08	75.3	5.38	3.0	SR4	11/27/2018 7:16	19.96	99.6	9.01	2.2	SR4	11/27/2018 13:16	22.99	75.8	5.42	5.2	SR4	11/27/2018 19:16	22.88	78.9	5.67	4.1
SR4	11/27/2018 1:21	23.08	74.7	5.33	2.2	SR4	11/27/2018 7:21	20.03	99.7	9.00	4.4	SR4	11/27/2018 13:21	23.00	75.5	5.40	1.5	SR4	11/27/2018 19:21	22.91	77.4	5.55	5.0
SR4	11/27/2018 1:26	23.08	74.6	5.32	2.9	SR4	11/27/2018 7:26	19.89	99.7	9.03	5.4	SR4	11/27/2018 13:26	22.99	76.4	5.46	4.0	SR4	11/27/2018 19:26	22.92	75.5	5.42	1.4
SR4	11/27/2018 1:31	23.08	74.0	5.28	4.4	SR4	11/27/2018 7:31	19.93	99.9	9.04	2.7	SR4	11/27/2018 13:31	22.99	76.6	5.48	1.2	SR4	11/27/2018 19:31	22.93	78.4	5.62	3.1
SR4	11/27/2018 1:36	23.08	74.0	5.28	1.7	SR4	11/27/2018 7:36	19.93	99.8	9.03	4.7	SR4	11/27/2018 13:36	23.00	76.6	5.48	1.7	SR4	11/27/2018 19:36	22.94	77.0	5.52	4.8
SR4	11/27/2018 1:41	23.08	74.2	5.30	4.0	SR4	11/27/2018 7:41	19.89	99.9	9.05	5.0	SR4	11/27/2018 13:41	23.00	76.2	5.45	1.2	SR4	11/27/2018 19:41	22.94	76.8	5.51	3.0
SR4	11/27/2018 1:46	23.08	73.2	5.22	4.2	SR4	11/27/2018 7:46	20.36	100.8	9.04	2.7	SR4	11/27/2018 13:46	22.99	74.9	5.36	2.2	SR4	11/27/2018 19:46	22.94	75.6	5.42	4.6
SR4	11/27/2018 1:51	23.09	73.7	5.26	3.0	SR4	11/27/2018 7:51	21.02	99.8	8.82	2.0	SR4	11/27/2018 13:51	23.00	75.5	5.40	4.8	SR4	11/27/2018 19:51	22.94	76.9	5.51	2.7
SR4	11/27/2018 1:56	23.09	74.5	5.32	1.2	SR4	11/27/2018 7:56	22.70	95.8	8.20	3.7	SR4	11/27/2018 13:56	22.99	76.9	5.50	5.4	SR4	11/27/2018 19:56	22.93	76.7	5.50	4.0
SR4	11/27/2018 2:01	23.09	73.4	5.24	4.0	SR4	11/27/2018 8:01	21.71	98.7	8.62	5.3	SR4	11/27/2018 14:01	23.00	75.8	5.42	4.7	SR4	11/27/2018 20:01	22.93	76.4	5.48	5.3
SR4	11/27/2018 2:06	23.09	73.4	5.24	4.9	SR4	11/27/2018 8:06	22.36	93.0	8.02	3.9	SR4	11/27/2018 14:06	23.00	74.4	5.32	1.1	SR4	11/27/2018 20:06	22.93	76.1	5.46	1.5
SR4	11/27/2018 2:11	23.09	73.1	5.22	4.4	SR4	11/27/2018 8:11	22.74	90.8	7.76	6.9	SR4	11/27/2018 14:11	23.01	73.4	5.25	3.1	SR4	11/27/2018 20:11	22.92	74.3	5.34	4.6
SR4	11/27/2018 2:16	23.09	73.5	5.25	3.1	SR4	11/27/2018 8:16	22.86	86.5	7.37	6.9	SR4	11/27/2018 14:16	23.00	73.5	5.26	2.4	SR4	11/27/2018 20:16	22.93	74.6	5.35	1.9
SR4	11/27/2018 2:21	23.09	73.6	5.25	4.9	SR4	11/27/2018 8:21	22.83	85.6	7.31	6.8	SR4	11/27/2018 14:21	23.00	73.5	5.26	2.4	SR4	11/27/2018 20:21	22.92	76.5	5.49	2.1
SR4	11/27/2018 2:26	23.09	71.8	5.13	4.7	SR4	11/27/2018 8:26	22.85	85.3	6.12	8.7	SR4	11/27/2018 14:26	23.01	74.9	5.33	2.6	SR4	11/27/2018 20:26	22.92	77.1	5.53	1.0
SR4	11/27/2018 2:31	23.09	72.5	5.18	1.9	SR4	11/27/2018 8:31	22.86	83.2	7.03	2.0	SR4	11/27/2018 14:31	23.02	74.5	5.32	3.1	SR4	11/27/2018 20:31	22.92	76.7	5.50	1.0
SR4	11/27/2018 2:36	23.09	71.0	5.06	5.1	SR4	11/27/2018 8:36	22.85	82.3	6.04	1.2	SR4	11/27/2018 14:36	23.01	75.7	5.41	2.2	SR4	11/27/2018 20:36	22.94	76.8	5.50	1.3
SR4	11/27/2018 2:41	23.09	72.4	5.16	4.3	SR4	11/27/2018 8:41	22.85	82.4	6.95	1.4	SR4	11/27/2018 14:41	23.00	75.1	5.37	1.9	SR4	11/27/2018 20:41	22.92	75.8	5.44	2.6
SR4	11/27/2018 2:46	23.09	73.0	5.21	3.1	SR4	11/27/2018 8:46	22.86	83.4	7.02	1.5	SR4	11/27/2018 14:46	23.00	74.5	5.32	1.2	SR4	11/27/2018 20:46	22.94	76.4	5.47	2.7
SR4	11/27/2018 2:51	23.09	68.9	4.92	2.6	SR4	11/27/2018 8:51	22.91	78.7	5.64	1.4	SR4	11/27/2018 14:51	22.99	73.6	5.26	1.5	SR4	11/27/2018 20:51	22.93	75.6	5.42	2.1
SR4	11/27/2018 2:56	23.11	67.2	4.80	5.1	SR4	11/27/2018 8:56	22.89	78.3	5.62	1.0	SR4	11/27/2018 14:56	23.00	74.7	5.34	2.1	SR4	11/27/2018 20:56	22.93	76.8	5.51	1.7
SR4	11/27/2018 3:01	23.12	63.8	4.55	2.9	SR4	11/27/2018 9:01	22.96	76.6	5.49	1.2	SR4	11/27/2018 15:01	23.00	74.4	5.32	1.5	SR4	11/27/2018 21:01	22.93	75.8	5.43	1.4
SR4	11/27/2018 3:06	23.07	67.9	4.85	4.7	SR4	11/27/2018 9:06	22.94	78.8	5.64	2.2	SR4	11/27/2018 15:06	23.00	75.1	5.37	2.1	SR4	11/27/2018 21:06	22.94	76.1	5.45	2.3
SR4	11/27/2018 3:11	23.09	69.5	4.96	5.1	SR4	11/27/2018 9:11	22.90	78.9	5.66	1.3	SR4	11/27/2018 15:11	22.99	74.4	5.32	1.4	SR4	11/27/2018 21:11	22.94	76.1	5.45	2.1
SR4	11/27/2018 3:16	23.08	70.3	5.02	1.5	SR4	11/27/2018 9:16	22.93	78.3	5.61	1.7	SR4	11/27/2018 15:16	23.00	73.9	5.28	1.7	SR4	11/27/2018 21:16	22.94	75.8	5.43	2.1
SR4	11/27/2018 3:21	23.09	69.7	4.98	3.5	SR4	11/27/2018 9:21	22.91	80.0	5.73	1.0	SR4	11/27/2018 15:21	23.01	74.9	5.36	1.3	SR4	11/27/2018 21:21	22.94	75.6	5.42	1.9
SR4	11/27/2018 3:26	23.09	68.5	4.89	2.4	SR4	11/27/2018 9:26	22.92	80.4	5.76	1.9	SR4	11/27/2018 15:26	23.01	75.6	5.41	3.1	SR4	11/27/2018 21:26	22.94	75.0	5.38	2.8
SR4	11/27/2018 3:31	23.09	69.5	4.96	1.4	SR4	11/27/2018 9:31	22.91	80.6	5.78	2.7	SR4	11/27/2018 15:31	23.01	75.6	5.41	1.3	SR4	11/27/2018 21:31	22.94	75.8	5.43	2.4
SR4	11/27/2018 3:36	23.08	70.8	5.06	4.6	SR4	11/27/2018 9:36	22.93	80.3	5.75	3.5	SR4	11/27/2018 15:36	23.01	75.7	5.41	1.6	SR4	11/27/2018 21:36	22.95	75.0	5.37	5.2
SR4	11/27/2018 3:41	23.05	68.8	4.91	5.4	SR4	11/27/2018 9:41	22.93	80.5	5.77	1.8	SR4	11/27/2018 15:41	23.00	75.2	5.38	1.5	SR4	11/27/2018 21:41	22.95	74.4	5.33	1.4
SR4	11/27/2018 3:46	23.10	66.2	4.73	2.3	SR4	11/27/2018 9:46	22.94	80.6	5.77	4.3	SR4	11/27/2018 15:46	23.01	72.6	5.19	5.1	SR4	11/27/2018 21:46	22.96	75.4	5.40	1.4
SR4	11/27/2018 3:51	23.11	63.3	4.52	4.8	SR4	11/27/2018 9:51	22.94	80.3	5.75	3.6	SR4	11/27/2018 15:51	22.99	74.1	5.30	3.6	SR4	11/27/2018 21:51	22.96	74.6	5.34	3.9
SR4	11/27/2018 3:56	23.09	65.2	4.65	3.0	SR4	11/27/2018 9:56	22.95	80.2	5.74	3.2	SR4	11/27/2018 15:56	22.95	76.1	5.45	4.0	SR4	11/27/2018 21:56	22.96	75.2	5.38	3.1
SR4	11/27/2018 4:01	23.09	64.3	4.59	2.1	SR4	11/27/2018 10:01	22.95	80.3	5.75	4.4	SR4	11/27/2018 16:01	22.97	76.4	5.47	1.1	SR4	11/27/2018 22:01	22.96	75.8	5.42	1.3
SR4	11/27/2018 4:06	23.09	63.0	4.50	5.1	SR4	11/27/2018 10:06	22.95	80.1	5.74	3.7	SR4	11/27/2018 16:06	22.97	74.6	5.34	4.0	SR4	11/27/2018 22:06	22.95	75.1	5.38	1.1
SR4	11/27/2018 4:11	23.15	57.5	4.10	2.7	SR4	11/27/2018 10:11	22.95	79.1	5.67	2.7	SR4	11/27/2018 16:11	22.99	75.8	5.42	1.8	SR4	11/27/2018 22:11	22.95	75.5	5.41	1.0
SR4	11/27/2018 4:16	23.10	60.5	4.32	1.8	SR4	11/27/2018 10:16	22.95	79.8	5.71	2.9	SR4	11/27/2018 16:16	22.97	75.5	5.40	1.0	SR4	11/27/2018 22:16	22.96	73.9	5.29	4.8
SR4	11/27/2018 4:21	23.13	60.4	4.31	1.7	SR4	11/27/2018 10:21	22.95	79.7	5.71	2.4	SR4	11/27/2018 16:21	22.98	74.3	5.32	2.6	SR4	11/27/2018 22:21	22.96	74.4	5.33	1.1
SR4	11/27/2018 4:26	23.13	62.3	4.45	5.1	SR4	11/27/2018 10:26	22.94	79.8	5.72	4.8	SR4	11/27/2018 16:26	22.96	75.8	5.43	3.0	SR4	11/27/2018 22:26	22.96	73.7	5.28	4.6
SR4	11/27/2018 4:31	23.10	68.2	4.87	2.9	SR4	11/27/2018 10:31	22.94	79.8	5.71	3.9	SR4	11/27/2018 16:31	22.96	75.9	5.43	1.1	SR4	11/27/2018 22:31	22.96	74.4	5.32	3.3
SR4	11/27/2018 4:36	23.05	74.1	5.29	1.2	SR4	11/27/2018 10:36	22.95	79.4	5.68	3.7	SR4	11/27/2018 16:36	22.97	75.3	5.39	3.0	SR4	11/27/2018 22:36	22.96	73.6	5.27	1.5
SR4	11/27/2018 4:41	23.06	74.9	5.35	4.1	SR4	11/27/2018 10:41	22.95	79.0	5.65	8.0	SR4	11/27/2018 16:41	22.98	74.6	5.34	1.3	SR4	11/27/2018 22:41	22.96	73.4	5.26	1.4
SR4	11/27/2018 4:46	23.03	73.6	5.26	2.6	SR4	11/27/2018 10:46	22.96	79.0	5.66	5.9	SR4	11/27/2018 16:46	22.98	76.1	5.44	2.0	SR4	11/27/2018 22:46	22.96	73.8	5.28	1.3
SR4	11/27/2018 4:51	23.02	73.7	5.27	1.5	SR4	11/27/2018 10:51	22.96	78.8	5.64	6.0	SR4	11/27/2018 16:51	22.99	74.5	5.33	4.0	SR4	11/27/2018 22:51	22.96	74.9	5.36	1.3
SR4	11/27/2018 4:56	23.05	73.5	5.25	3.7	SR4	11/27/2018 10:56	22.96	78.7	5.63	7.3	SR4	11/27/2018 16:56	22.99	73.4	5.25	1.2	SR4	11/27/2018 22:56	22.97	74.7	5.34	1.3
SR4	11/27/2018 5:01	23.02	74.0	5.28	4.1	SR4	11/27/2018 11:01	22.96	78.6	5.63	4.5	SR4	11/27/2018 17:01	22.97	75.6	5.41	1.8	SR4	11/27/2018 23:01	22.96	74.7	5.34	1.8
SR4	11/27/2018 5:06	23.03	74.9	6.34	1.9	SR4	11/27/2018 11:06	22.96	78.5	5.62	5.9	SR4	11/27/2018 17:06	22.96	75.2	5.38	1.4	SR4	11/27/2018 23:06	22.97	75.1	5.37	1.3
SR4	11/27/2018 5:11	22.57	78.8	6.78	**20.3**	SR4	11/27/2018 11:11	22.97	78.3	5.60	6.0	SR4	11/27/2018 17:11	22.96	73.7	5.28	2.1	SR4	11/27/2018 23:11	22.97	75.0	5.36	1.0
SR4	11/27/2018 5:16	22.07	92.3	8.02	**24.7**	SR4	11/27/2018 11:16	22.97	78.7	5.63	5.0	SR4	11/27/2018 17:16	23.00	72.6	5.20	3.7	SR4	11/27/2018 23:16	22.96	73.2	5.23	2.3
SR4	11/27/2018 5:21	21.62	98.8	8.65	2.4	SR4	11/27/2018 11:21	22.97	78.4	5.61	4.9	SR4	11/27/2018 17:21	22.94	72.2	5.17	3.7	SR4	11/27/2018 23:21	22.97	73.9	5.29	3.5
SR4	11/27/2018 5:26	21.31	99.3	8.75	3.8	SR4	11/27/2018 11:26	22.97	78.6	5.63	4.0	SR4	11/27/2018 17:26	22.98	72.9	5.22	4.0	SR4	11/27/2018 23:26	22.96	74.8	5.35	5.0
SR4	11/27/2018 5:31	20.68	99.4	8.87	5.4	SR4	11/27/2018 11:31	22.98	78.5	5.62	4.0	SR4	11/27/2018 17:31	22.99	73.7	5.28	4.1	SR4	11/27/2018 23:31	22.96	73.5	5.26	4.9
SR4	11/27/2018 5:36	20.57	99.3	8.87	2.0	SR4	11/27/2018 11:36	22.97	78.1	5.59	5.4	SR4	11/27/2018 17:36	23.00	72.6	5.20	2.4	SR4	11/27/2018 23:36	22.95	72.9	5.22	2.8
SR4	11/27/2018 5:41	22.39	95.4	8.21	1.4	SR4	11/27/2018 11:41	22.98	77.9	5.57	4.9	SR4	11/27/2018 17:41	22.98	74.4	5.33	3.9	SR4	11/27/2018 23:41	22.95	72.9	5.21	4.0
SR4	11/27/2018 5:46	20.51	101.0	9.02	3.1	SR4	11/27/2018 11:46	22.98	77.7	5.56	3.8	SR4	11/27/2018 17:46	22.95	73.6	5.28	1.5	SR4	11/27/2018 23:46	22.93	75.6	5.41	3.5
SR4	11/27/2018 5:51	20.55	100.4	8.97	3.1	SR4	11/27/2018 11:51	22.98	76.9	5.51	4.0	SR4	11/27/2018 17:51	22.96	73.5	5.27	2.4	SR4	11/27/2018 23:51	22.93	75.7	5.42	1.2
SR4	11/27/2018 5:56	20.45	99.1	8.87	2.8	SR4	11/27/2018 11:56	22.98	77.4	5.54	3.6	SR4	11/27/2018 17:56	22.87	74.7	5.37	2.3	SR4	11/27/2018 23:56	22.93	75.1	5.38	2.7

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	11/27/2018 0:00	23.26	84.5	6.02	2.9	SR5	11/27/2018 6:00	22.61	90.1	6.87	4.6	SR5	11/27/2018 12:00	23.23	84.1	5.99	3.7	SR5	11/27/2018 18:00	23.20	84.0	6.04	2.6
SR5	11/27/2018 0:05	23.25	84.5	6.02	3.1	SR5	11/27/2018 6:05	22.58	89.1	6.81	3.7	SR5	11/27/2018 12:05	23.27	84.4	6.02	2.6	SR5	11/27/2018 18:05	23.18	81.4	5.85	3.1
SR5	11/27/2018 0:10	23.25	82.5	5.87	4.5	SR5	11/27/2018 6:10	22.56	91.4	6.97	4.4	SR5	11/27/2018 12:10	23.42	81.4	5.84	2.4	SR5	11/27/2018 18:10	23.26	83.7	6.02	4.1
SR5	11/27/2018 0:15	23.27	81.0	5.77	2.0	SR5	11/27/2018 6:15	22.55	92.0	7.30	5.3	SR5	11/27/2018 12:15	23.44	82.8	5.95	3.9	SR5	11/27/2018 18:15	23.19	80.3	5.78	4.3
SR5	11/27/2018 0:20	23.26	84.3	6.01	3.2	SR5	11/27/2018 6:20	22.51	91.7	7.00	3.2	SR5	11/27/2018 12:20	23.44	84.1	6.04	4.4	SR5	11/27/2018 18:20	23.19	82.2	5.91	4.7
SR5	11/27/2018 0:25	23.34	84.0	5.98	1.6	SR5	11/27/2018 6:25	22.49	90.5	7.14	3.0	SR5	11/27/2018 12:25	23.43	84.4	6.06	4.2	SR5	11/27/2018 18:25	23.19	82.0	5.90	4.6
SR5	11/27/2018 0:30	23.34	82.8	5.89	4.4	SR5	11/27/2018 6:30	22.47	92.2	7.04	3.5	SR5	11/27/2018 12:30	23.43	84.1	6.03	3.9	SR5	11/27/2018 18:30	23.23	81.3	5.84	3.7
SR5	11/27/2018 0:35	23.34	84.6	6.03	2.7	SR5	11/27/2018 6:35	22.52	91.2	6.97	3.6	SR5	11/27/2018 12:35	23.44	83.5	6.00	5.5	SR5	11/27/2018 18:35	23.15	82.8	5.95	4.0
SR5	11/27/2018 0:40	23.26	82.8	5.90	3.7	SR5	11/27/2018 6:40	22.40	89.7	6.86	3.0	SR5	11/27/2018 12:40	23.44	84.1	6.04	2.7	SR5	11/27/2018 18:40	23.16	82.5	5.94	4.7
SR5	11/27/2018 0:45	23.34	81.6	5.81	2.6	SR5	11/27/2018 6:45	22.49	88.5	6.78	5.1	SR5	11/27/2018 12:45	23.43	85.0	6.10	3.9	SR5	11/27/2018 18:45	23.20	82.2	5.90	4.7
SR5	11/27/2018 0:50	23.30	80.9	5.76	4.6	SR5	11/27/2018 6:50	22.45	88.6	6.79	3.3	SR5	11/27/2018 12:50	23.44	83.4	5.99	3.1	SR5	11/27/2018 18:50	23.24	80.1	5.76	3.1
SR5	11/27/2018 0:55	23.34	84.6	6.02	2.5	SR5	11/27/2018 6:55	22.40	92.4	7.06	3.0	SR5	11/27/2018 12:55	23.31	83.4	5.99	2.7	SR5	11/27/2018 18:55	23.27	84.2	6.05	4.4
SR5	11/27/2018 1:00	23.27	80.9	5.76	4.2	SR5	11/27/2018 7:00	22.90	89.1	6.75	4.9	SR5	11/27/2018 13:00	23.21	81.5	5.85	3.6	SR5	11/27/2018 19:00	23.22	81.5	5.86	4.3
SR5	11/27/2018 1:05	23.35	81.6	5.81	1.7	SR5	11/27/2018 7:05	22.61	90.5	6.89	4.0	SR5	11/27/2018 13:05	23.25	82.9	5.95	3.2	SR5	11/27/2018 19:05	23.20	82.0	5.89	4.2
SR5	11/27/2018 1:10	23.31	81.9	5.83	5.2	SR5	11/27/2018 7:10	22.51	92.0	7.01	3.3	SR5	11/27/2018 13:10	23.31	82.4	5.92	4.1	SR5	11/27/2018 19:10	23.19	81.9	5.89	4.8
SR5	11/27/2018 1:15	23.35	81.8	5.82	2.2	SR5	11/27/2018 7:15	22.52	90.8	6.94	3.7	SR5	11/27/2018 13:15	23.23	80.3	5.77	3.0	SR5	11/27/2018 19:15	23.18	82.3	5.92	4.9
SR5	11/27/2018 1:20	23.29	80.5	5.73	3.6	SR5	11/27/2018 7:20	22.45	91.2	6.96	3.5	SR5	11/27/2018 13:20	23.30	83.8	6.02	3.2	SR5	11/27/2018 19:20	23.17	83.3	5.98	5.1
SR5	11/27/2018 1:25	23.28	80.8	5.75	4.7	SR5	11/27/2018 7:25	22.41	88.0	6.75	5.0	SR5	11/27/2018 13:25	23.20	84.2	6.04	3.5	SR5	11/27/2018 19:25	23.24	83.4	5.99	3.8
SR5	11/27/2018 1:30	23.28	83.4	5.94	2.8	SR5	11/27/2018 7:30	22.48	88.6	6.78	3.5	SR5	11/27/2018 13:30	23.25	83.8	6.02	2.4	SR5	11/27/2018 19:30	23.25	84.3	6.05	3.2
SR5	11/27/2018 1:35	23.32	80.8	5.75	1.7	SR5	11/27/2018 7:35	22.44	89.2	6.83	5.4	SR5	11/27/2018 13:35	23.29	84.1	6.04	2.9	SR5	11/27/2018 19:35	23.19	83.7	6.01	4.6
SR5	11/27/2018 1:40	23.27	81.1	5.77	3.5	SR5	11/27/2018 7:40	22.50	92.4	7.06	2.9	SR5	11/27/2018 13:40	23.30	82.0	5.89	3.0	SR5	11/27/2018 19:40	23.19	82.9	5.96	3.6
SR5	11/27/2018 1:45	23.31	80.6	5.74	3.4	SR5	11/27/2018 7:45	22.56	91.1	6.95	3.5	SR5	11/27/2018 13:45	23.30	82.2	5.90	2.5	SR5	11/27/2018 19:45	23.24	80.8	5.81	4.3
SR5	11/27/2018 1:50	23.28	84.3	6.00	3.6	SR5	11/27/2018 7:50	22.78	92.0	6.98	3.1	SR5	11/27/2018 13:50	23.28	83.8	6.01	4.7	SR5	11/27/2018 19:50	23.21	84.4	6.06	2.3
SR5	11/27/2018 1:55	23.26	81.2	5.78	2.0	SR5	11/27/2018 7:55	23.17	89.7	6.73	3.1	SR5	11/27/2018 13:55	23.25	81.9	5.88	3.8	SR5	11/27/2018 19:55	23.25	82.1	5.90	3.7
SR5	11/27/2018 2:00	23.27	83.8	5.96	2.1	SR5	11/27/2018 8:00	22.89	89.5	6.77	2.3	SR5	11/27/2018 14:00	23.30	81.5	5.85	4.6	SR5	11/27/2018 20:00	23.27	81.7	5.87	4.0
SR5	11/27/2018 2:05	23.30	81.2	5.78	2.8	SR5	11/27/2018 8:05	23.09	88.2	6.62	4.6	SR5	11/27/2018 14:05	23.29	83.5	6.00	2.7	SR5	11/27/2018 20:05	23.22	81.4	5.85	2.4
SR5	11/27/2018 2:10	23.26	82.7	5.89	4.5	SR5	11/27/2018 8:10	23.22	89.3	6.68	6.4	SR5	11/27/2018 14:10	23.24	82.6	5.93	3.1	SR5	11/27/2018 20:10	23.26	83.6	6.01	4.9
SR5	11/27/2018 2:15	23.35	82.0	5.83	3.3	SR5	11/27/2018 8:15	23.15	89.3	6.66	4.6	SR5	11/27/2018 14:15	23.25	83.5	5.99	2.5	SR5	11/27/2018 20:15	23.24	82.1	5.90	3.6
SR5	11/27/2018 2:20	23.32	80.3	5.71	4.4	SR5	11/27/2018 8:20	23.22	86.7	6.47	6.3	SR5	11/27/2018 14:20	23.31	83.5	6.00	2.7	SR5	11/27/2018 20:20	23.22	82.0	5.90	2.4
SR5	11/27/2018 2:25	23.33	84.1	5.99	2.9	SR5	11/27/2018 8:25	23.18	85.3	6.09	5.3	SR5	11/27/2018 14:25	23.21	82.2	5.89	3.9	SR5	11/27/2018 20:25	23.24	82.6	5.89	2.7
SR5	11/27/2018 2:30	23.36	80.8	5.75	3.4	SR5	11/27/2018 8:30	23.17	85.6	6.37	4.0	SR5	11/27/2018 14:30	23.31	83.3	5.98	4.1	SR5	11/27/2018 20:30	23.23	81.6	5.81	2.1
SR5	11/27/2018 2:35	23.33	81.8	5.82	3.8	SR5	11/27/2018 8:35	23.23	87.7	6.29	2.0	SR5	11/27/2018 14:35	23.31	83.7	6.01	3.4	SR5	11/27/2018 20:35	23.22	83.8	5.97	2.8
SR5	11/27/2018 2:40	23.32	81.5	5.80	4.2	SR5	11/27/2018 8:40	23.16	84.8	6.31	2.3	SR5	11/27/2018 14:40	23.28	81.2	5.83	3.4	SR5	11/27/2018 20:40	23.21	84.6	6.03	3.0
SR5	11/27/2018 2:45	23.26	80.6	5.74	3.2	SR5	11/27/2018 8:45	23.25	84.7	6.30	4.4	SR5	11/27/2018 14:45	23.24	81.3	5.84	2.8	SR5	11/27/2018 20:45	23.25	83.8	5.97	3.8
SR5	11/27/2018 2:50	23.32	79.1	5.63	3.2	SR5	11/27/2018 8:50	23.26	83.0	5.92	4.6	SR5	11/27/2018 14:50	23.21	82.7	5.94	4.0	SR5	11/27/2018 20:50	23.24	81.0	5.77	3.1
SR5	11/27/2018 2:55	23.31	81.4	5.79	4.4	SR5	11/27/2018 8:55	23.19	84.5	6.02	3.6	SR5	11/27/2018 14:55	23.20	82.4	5.91	4.9	SR5	11/27/2018 20:55	23.23	84.5	6.02	2.9
SR5	11/27/2018 3:00	23.34	78.5	5.58	2.8	SR5	11/27/2018 9:00	23.25	85.3	6.12	4.1	SR5	11/27/2018 15:00	23.23	84.3	6.06	3.8	SR5	11/27/2018 21:00	23.24	82.0	5.84	1.4
SR5	11/27/2018 3:05	23.32	82.2	5.85	2.7	SR5	11/27/2018 9:05	23.27	82.5	5.93	4.6	SR5	11/27/2018 15:05	23.24	82.5	5.92	3.7	SR5	11/27/2018 21:05	23.26	83.8	5.97	3.6
SR5	11/27/2018 3:10	23.26	81.4	5.79	3.4	SR5	11/27/2018 9:10	23.28	85.0	6.11	3.6	SR5	11/27/2018 15:10	23.24	81.3	5.84	4.0	SR5	11/27/2018 21:10	23.23	84.2	6.00	4.5
SR5	11/27/2018 3:15	23.27	82.3	5.86	3.1	SR5	11/27/2018 9:15	23.23	85.5	6.14	4.6	SR5	11/27/2018 15:15	23.21	82.5	5.92	4.8	SR5	11/27/2018 21:15	23.26	82.6	5.89	2.7
SR5	11/27/2018 3:20	23.33	80.2	5.71	4.6	SR5	11/27/2018 9:20	23.27	83.2	5.97	3.0	SR5	11/27/2018 15:20	23.28	83.4	5.99	3.8	SR5	11/27/2018 21:20	23.24	80.8	5.76	3.0
SR5	11/27/2018 3:25	23.34	80.7	5.74	3.2	SR5	11/27/2018 9:25	23.26	85.0	6.11	2.9	SR5	11/27/2018 15:25	23.29	80.7	5.80	5.2	SR5	11/27/2018 21:25	23.22	82.4	5.87	4.2
SR5	11/27/2018 3:30	23.33	82.5	5.87	3.9	SR5	11/27/2018 9:30	23.22	82.6	5.94	5.0	SR5	11/27/2018 15:30	23.29	83.5	5.99	2.6	SR5	11/27/2018 21:30	23.26	83.2	5.93	4.0
SR5	11/27/2018 3:35	23.29	80.3	5.72	3.9	SR5	11/27/2018 9:35	23.28	82.6	5.94	4.8	SR5	11/27/2018 15:35	23.24	81.8	5.87	3.3	SR5	11/27/2018 21:35	23.23	83.8	5.97	3.1
SR5	11/27/2018 3:40	23.30	83.4	5.94	5.2	SR5	11/27/2018 9:40	23.21	83.9	6.03	3.1	SR5	11/27/2018 15:40	23.20	81.6	5.86	2.4	SR5	11/27/2018 21:40	23.20	81.7	5.82	2.9
SR5	11/27/2018 3:45	23.25	83.5	5.94	2.0	SR5	11/27/2018 9:45	23.25	82.5	5.93	3.6	SR5	11/27/2018 15:45	23.23	84.1	6.04	4.3	SR5	11/27/2018 21:45	23.28	84.9	6.05	2.4
SR5	11/27/2018 3:50	23.31	82.2	5.85	4.5	SR5	11/27/2018 9:50	23.22	83.0	5.96	2.9	SR5	11/27/2018 15:50	23.27	80.2	5.76	4.0	SR5	11/27/2018 21:50	23.23	81.6	5.81	3.5
SR5	11/27/2018 3:55	23.30	80.7	5.74	2.8	SR5	11/27/2018 9:55	23.24	83.4	5.99	4.8	SR5	11/27/2018 15:55	23.19	84.6	6.07	4.0	SR5	11/27/2018 21:55	23.19	83.6	5.95	4.9
SR5	11/27/2018 4:00	23.24	83.1	5.91	3.3	SR5	11/27/2018 10:00	23.22	83.7	6.02	5.0	SR5	11/27/2018 16:00	23.27	80.6	5.79	3.8	SR5	11/27/2018 22:00	23.24	80.8	5.76	4.5
SR5	11/27/2018 4:05	23.33	83.0	5.90	3.4	SR5	11/27/2018 10:05	23.22	85.6	6.15	3.6	SR5	11/27/2018 16:05	23.26	80.8	5.80	4.0	SR5	11/27/2018 22:05	23.22	81.4	5.80	3.3
SR5	11/27/2018 4:10	23.27	77.4	5.51	3.8	SR5	11/27/2018 10:10	23.25	84.9	6.10	2.5	SR5	11/27/2018 16:10	23.24	84.3	6.06	3.6	SR5	11/27/2018 22:10	23.27	81.3	5.79	1.4
SR5	11/27/2018 4:15	23.28	79.5	5.66	2.9	SR5	11/27/2018 10:15	23.27	84.1	6.04	2.9	SR5	11/27/2018 16:15	23.21	80.0	5.75	3.0	SR5	11/27/2018 22:15	23.28	81.4	5.80	4.1
SR5	11/27/2018 4:20	23.29	78.6	5.59	4.4	SR5	11/27/2018 10:20	23.27	83.4	6.00	3.4	SR5	11/27/2018 16:20	23.28	81.1	5.83	4.2	SR5	11/27/2018 22:20	23.25	80.8	5.76	1.7
SR5	11/27/2018 4:25	23.33	80.0	5.69	4.9	SR5	11/27/2018 10:25	23.25	85.1	6.11	4.2	SR5	11/27/2018 16:25	23.26	84.4	6.06	3.3	SR5	11/27/2018 22:25	23.19	81.9	5.83	4.5
SR5	11/27/2018 4:30	23.24	80.5	5.73	3.3	SR5	11/27/2018 10:30	23.27	83.5	5.95	4.7	SR5	11/27/2018 16:30	23.30	81.9	5.88	4.0	SR5	11/27/2018 22:30	23.24	80.7	5.75	3.2
SR5	11/27/2018 4:35	23.29	86.2	6.13	2.6	SR5	11/27/2018 10:35	23.30	85.7	6.11	4.5	SR5	11/27/2018 16:35	23.21	82.9	5.96	3.9	SR5	11/27/2018 22:35	23.22	83.7	5.97	2.8
SR5	11/27/2018 4:40	23.22	83.4	5.94	3.3	SR5	11/27/2018 10:40	23.23	85.5	6.09	5.2	SR5	11/27/2018 16:40	23.26	81.4	5.85	4.1	SR5	11/27/2018 22:40	23.22	81.2	5.78	3.8
SR5	11/27/2018 4:45	23.27	82.5	5.87	3.5	SR5	11/27/2018 10:45	23.26	82.3	5.86	3.0	SR5	11/27/2018 16:45	23.21	82.8	5.95	3.6	SR5	11/27/2018 22:45	23.22	81.3	5.80	2.8
SR5	11/27/2018 4:50	23.22	82.8	5.89	3.6	SR5	11/27/2018 10:50	23.24	84.8	6.04	4.5	SR5	11/27/2018 16:50	23.22	84.4	6.06	4.9	SR5	11/27/2018 22:50	23.28	81.3	5.79	1.9
SR5	11/27/2018 4:55	23.29	85.8	6.11	2.8	SR5	11/27/2018 10:55	23.21	85.6	6.10	5.5	SR5	11/27/2018 16:55	23.24	80.0	5.74	3.4	SR5	11/27/2018 22:55	23.19	83.3	5.93	2.3
SR5	11/27/2018 5:00	23.22	82.9	5.90	3.7	SR5	11/27/2018 11:00	23.22	84.5	6.02	2.9	SR5	11/27/2018 17:00	23.23	84.3	6.06	3.9	SR5	11/27/2018 23:00	23.27	80.9	5.76	3.9
SR5	11/27/2018 5:05	23.27	86.0	6.37	2.6	SR5	11/27/2018 11:05	23.33	82.3	5.86	3.9	SR5	11/27/2018 17:05	23.22	82.7	5.94	2.3	SR5	11/27/2018 23:05	23.24	83.8	5.97	3.8
SR5	11/27/2018 5:10	23.16	85.3	6.36	7.1	SR5	11/27/2018 11:10	23.36	85.2	6.07	3.0	SR5	11/27/2018 17:10	23.28	82.7	5.94	3.7	SR5	11/27/2018 23:10	23.24	84.7	6.03	2.7
SR5	11/27/2018 5:15	23.07	87.2	6.57	**8.6**	SR5	11/27/2018 11:15	23.36	83.9	5.97	3.8	SR5	11/27/2018 17:15	23.22	82.5	5.92	3.4	SR5	11/27/2018 23:15	23.28	80.6	5.74	4.7
SR5	11/27/2018 5:20	22.96	89.9	6.80	2.5	SR5	11/27/2018 11:20	23.36	82.6	5.88	4.8	SR5	11/27/2018 17:20	23.29	83.4	5.99	3.3	SR5	11/27/2018 23:20	23.23	84.0	5.98	4.1
SR5	11/27/2018 5:25	22.80	88.3	6.70	4.7	SR5	11/27/2018 11:25	23.39	85.3	6.08	4.0	SR5	11/27/2018 17:25	23.24	81.0	5.82	4.2	SR5	11/27/2018 23:25	23.25	82.3	5.86	4.2
SR5	11/27/2018 5:30	22.68	90.3	6.87	2.8	SR5	11/27/2018 11:30	23.39	84.1	5.99	2.7	SR5	11/27/2018 17:30	23.28	83.1	5.97	2.9	SR5	11/27/2018 23:30	23.29	83.2	5.92	4.3
SR5	11/27/2018 5:35	22.63	89.1	6.79	2.8	SR5	11/27/2018 11:35	23.24	82.8	5.90	2.9	SR5	11/27/2018 17:35	23.27	83.3	5.98	4.4	SR5	11/27/2018 23:35	23.28	83.3	5.94	2.1
SR5	11/27/2018 5:40	23.12	90.0	6.76	5.2	SR5	11/27/2018 11:40	23.21	84.1	5.99	4.1	SR5	11/27/2018 17:40	23.24	83.1	5.97	3.3	SR5	11/27/2018 23:40	23.21	83.5	5.95	4.4
SR5	11/27/2018 5:45	22.66	89.2	6.80	3.8	SR5	11/27/2018 11:45	23.22	81.4	5.80	2.4	SR5	11/27/2018 17:45	23.20	81.9	5.89	2.7	SR5	11/27/2018 23:45	23.20	82.3	5.86	2.9
SR5	11/27/2018 5:50	22.60	89.5	6.82	3.6	SR5	11/27/2018 11:50	23.30	85.3	6.08	4.1	SR5	11/27/2018 17:50	23.21	82.9	5.96	4.2	SR5	11/27/2018 23:50	23.22	83.9	5.98	2.9
SR5	11/27/2018 5:55	22.65	89.4	6.81	4.4	SR5	11/27/2018 11:55	23.23	85.6	6.09	4.1	SR5	11/27/2018 17:55	23.20	80.5	5.79	4.4	SR5	11/27/2018 23:55	23.26	82.1	5.85	2.5

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	11/27/2018 0:01	23.86	75.7	5.32	3.3	SR12	11/27/2018 6:01	23.73	81.7	5.76	7.2	SR12	11/27/2018 12:01	23.77	76.0	5.35	3.7	SR12	11/27/2018 18:01	23.75	75.6	5.52	5.9
SR12	11/27/2018 0:06	23.85	75.5	5.31	1.4	SR12	11/27/2018 6:06	23.72	81.7	5.76	4.8	SR12	11/27/2018 12:06	23.76	76.5	5.39	4.5	SR12	11/27/2018 18:06	23.73	73.6	5.37	5.4
SR12	11/27/2018 0:11	23.85	75.7	5.32	3.4	SR12	11/27/2018 6:11	23.72	81.8	5.76	5.5	SR12	11/27/2018 12:11	23.74	74.8	5.46	3.8	SR12	11/27/2018 18:11	23.77	73.3	5.35	6.9
SR12	11/27/2018 0:16	23.85	76.0	5.34	3.9	SR12	11/27/2018 6:16	23.76	81.7	6.86	8.7	SR12	11/27/2018 12:16	23.75	75.2	5.49	4.1	SR12	11/27/2018 18:16	23.73	74.0	5.40	4.6
SR12	11/27/2018 0:21	23.86	75.9	5.34	4.6	SR12	11/27/2018 6:21	23.73	82.7	5.82	8.0	SR12	11/27/2018 12:21	23.75	73.3	5.35	5.4	SR12	11/27/2018 18:21	23.72	73.4	5.36	4.0
SR12	11/27/2018 0:26	23.86	76.8	5.40	2.2	SR12	11/27/2018 6:26	23.72	82.5	6.68	6.4	SR12	11/27/2018 12:26	23.74	74.9	5.47	6.4	SR12	11/27/2018 18:26	23.76	74.5	5.44	6.7
SR12	11/27/2018 0:31	23.86	76.3	5.36	3.8	SR12	11/27/2018 6:31	23.72	81.6	5.75	5.2	SR12	11/27/2018 12:31	23.77	73.4	5.36	6.4	SR12	11/27/2018 18:31	23.74	74.3	5.42	4.4
SR12	11/27/2018 0:36	23.86	75.2	5.29	1.7	SR12	11/27/2018 6:36	23.71	82.4	5.81	3.5	SR12	11/27/2018 12:36	23.77	73.6	5.37	6.9	SR12	11/27/2018 18:36	23.73	74.0	5.40	6.0
SR12	11/27/2018 0:41	23.86	75.8	5.33	4.5	SR12	11/27/2018 6:41	23.71	82.1	5.78	4.2	SR12	11/27/2018 12:41	23.76	74.5	5.44	4.1	SR12	11/27/2018 18:41	23.73	75.6	5.52	4.2
SR12	11/27/2018 0:46	23.87	75.6	5.32	2.5	SR12	11/27/2018 6:46	23.75	82.8	5.84	6.2	SR12	11/27/2018 12:46	23.72	75.5	5.51	6.6	SR12	11/27/2018 18:46	23.76	72.6	5.30	5.4
SR12	11/27/2018 0:51	23.87	75.8	5.33	4.6	SR12	11/27/2018 6:51	23.73	82.2	5.79	4.8	SR12	11/27/2018 12:51	23.74	75.8	5.53	6.2	SR12	11/27/2018 18:51	23.76	73.2	5.34	3.8
SR12	11/27/2018 0:56	23.87	75.9	5.33	1.3	SR12	11/27/2018 6:56	23.71	82.0	5.78	3.8	SR12	11/27/2018 12:56	23.77	73.7	5.38	5.8	SR12	11/27/2018 18:56	23.74	74.0	5.40	4.6
SR12	11/27/2018 1:01	23.87	74.8	5.26	4.4	SR12	11/27/2018 7:01	23.71	81.8	5.77	4.2	SR12	11/27/2018 13:01	23.76	74.4	5.43	5.4	SR12	11/27/2018 19:01	23.73	74.7	5.45	**10.3**
SR12	11/27/2018 1:06	23.86	74.5	5.24	1.4	SR12	11/27/2018 7:06	23.71	81.9	5.77	6.2	SR12	11/27/2018 13:06	23.72	73.8	5.39	5.0	SR12	11/27/2018 19:06	23.74	75.2	5.49	5.5
SR12	11/27/2018 1:11	23.87	74.3	5.22	3.7	SR12	11/27/2018 7:11	23.71	82.2	5.79	3.9	SR12	11/27/2018 13:11	23.77	74.3	5.42	4.0	SR12	11/27/2018 19:11	23.74	74.5	5.44	6.8
SR12	11/27/2018 1:16	23.87	74.5	5.23	1.9	SR12	11/27/2018 7:16	23.69	82.3	5.80	3.8	SR12	11/27/2018 13:16	23.73	73.7	5.38	4.1	SR12	11/27/2018 19:16	23.75	72.6	5.30	6.2
SR12	11/27/2018 1:21	23.87	75.1	5.28	2.5	SR12	11/27/2018 7:21	23.69	82.3	5.80	4.2	SR12	11/27/2018 13:21	23.75	74.8	5.46	4.9	SR12	11/27/2018 19:21	23.73	74.3	5.42	6.6
SR12	11/27/2018 1:26	23.87	74.8	5.26	4.5	SR12	11/27/2018 7:26	23.71	81.3	5.73	3.7	SR12	11/27/2018 13:26	23.72	73.2	5.34	4.5	SR12	11/27/2018 19:26	23.73	75.9	5.54	6.1
SR12	11/27/2018 1:31	23.91	74.5	5.23	2.3	SR12	11/27/2018 7:31	23.69	82.0	5.78	7.2	SR12	11/27/2018 13:31	23.74	74.4	5.43	5.3	SR12	11/27/2018 19:31	23.75	72.6	5.30	6.9
SR12	11/27/2018 1:36	23.89	74.3	5.22	1.5	SR12	11/27/2018 7:36	23.70	81.9	5.77	4.9	SR12	11/27/2018 13:36	23.72	73.3	5.35	5.0	SR12	11/27/2018 19:36	23.72	74.4	5.43	4.8
SR12	11/27/2018 1:41	23.86	76.9	5.41	2.6	SR12	11/27/2018 7:41	23.70	81.2	5.72	3.2	SR12	11/27/2018 13:41	23.74	75.9	5.54	4.8	SR12	11/27/2018 19:41	23.73	75.2	5.49	6.0
SR12	11/27/2018 1:46	23.86	77.2	5.43	1.3	SR12	11/27/2018 7:46	23.69	81.8	5.77	2.1	SR12	11/27/2018 13:46	23.72	75.1	5.48	4.5	SR12	11/27/2018 19:46	23.76	74.9	5.47	6.2
SR12	11/27/2018 1:51	23.86	76.8	5.40	1.7	SR12	11/27/2018 7:51	23.70	81.7	5.76	4.4	SR12	11/27/2018 13:51	23.76	74.8	5.46	6.1	SR12	11/27/2018 19:51	23.77	73.0	5.33	4.2
SR12	11/27/2018 1:56	23.86	75.8	5.33	3.2	SR12	11/27/2018 7:56	23.70	81.8	5.77	5.1	SR12	11/27/2018 13:56	23.75	73.6	5.37	6.0	SR12	11/27/2018 19:56	23.72	73.0	5.33	5.1
SR12	11/27/2018 2:01	23.87	75.3	5.30	1.8	SR12	11/27/2018 8:01	23.69	81.7	5.76	1.7	SR12	11/27/2018 14:01	23.74	72.9	5.32	5.9	SR12	11/27/2018 20:01	23.77	74.8	5.46	3.8
SR12	11/27/2018 2:06	23.86	76.2	5.36	1.8	SR12	11/27/2018 8:06	23.70	81.9	5.78	6.0	SR12	11/27/2018 14:06	23.72	73.4	5.36	4.1	SR12	11/27/2018 20:06	23.77	74.9	5.47	3.9
SR12	11/27/2018 2:11	23.86	75.9	5.34	2.2	SR12	11/27/2018 8:11	23.70	82.0	5.78	8.8	SR12	11/27/2018 14:11	23.73	74.7	5.45	6.8	SR12	11/27/2018 20:11	23.72	75.4	5.50	3.9
SR12	11/27/2018 2:16	23.86	75.3	5.29	4.2	SR12	11/27/2018 8:16	23.70	81.6	5.76	6.6	SR12	11/27/2018 14:16	23.73	75.4	5.50	4.9	SR12	11/27/2018 20:16	23.77	74.5	5.44	4.3
SR12	11/27/2018 2:21	23.86	75.3	5.29	1.4	SR12	11/27/2018 8:21	23.74	81.3	5.73	7.1	SR12	11/27/2018 14:21	23.76	73.3	5.35	5.6	SR12	11/27/2018 20:21	23.72	75.1	5.48	5.1
SR12	11/27/2018 2:26	23.86	75.7	5.32	4.3	SR12	11/27/2018 8:26	23.71	82.1	5.79	7.6	SR12	11/27/2018 14:26	23.74	74.7	5.45	5.8	SR12	11/27/2018 20:26	23.76	76.4	5.38	5.9
SR12	11/27/2018 2:31	23.90	76.5	5.37	4.0	SR12	11/27/2018 8:31	23.71	81.9	5.77	4.5	SR12	11/27/2018 14:31	23.76	73.6	5.37	5.2	SR12	11/27/2018 20:31	23.74	76.1	5.36	4.5
SR12	11/27/2018 2:36	23.87	76.3	5.36	2.1	SR12	11/27/2018 8:36	23.70	81.7	5.76	3.8	SR12	11/27/2018 14:36	23.77	75.4	5.50	4.6	SR12	11/27/2018 20:36	23.74	76.2	5.37	2.6
SR12	11/27/2018 2:41	23.86	75.8	5.33	2.9	SR12	11/27/2018 8:41	23.73	82.0	5.78	4.9	SR12	11/27/2018 14:41	23.73	74.4	5.43	4.7	SR12	11/27/2018 20:41	23.73	76.2	5.37	4.3
SR12	11/27/2018 2:46	23.86	75.6	5.32	2.2	SR12	11/27/2018 8:46	23.72	81.7	5.76	5.6	SR12	11/27/2018 14:46	23.74	75.9	5.54	4.9	SR12	11/27/2018 20:46	23.73	76.2	5.37	4.4
SR12	11/27/2018 2:51	23.90	76.1	5.35	1.4	SR12	11/27/2018 8:51	23.71	81.7	5.76	5.2	SR12	11/27/2018 14:51	23.76	73.0	5.33	4.7	SR12	11/27/2018 20:51	23.73	75.4	5.31	1.1
SR12	11/27/2018 2:56	23.86	75.9	5.34	3.8	SR12	11/27/2018 8:56	23.70	81.5	5.74	4.5	SR12	11/27/2018 14:56	23.74	74.3	5.42	5.8	SR12	11/27/2018 20:56	23.73	76.6	5.39	1.3
SR12	11/27/2018 3:01	23.86	75.7	5.32	4.1	SR12	11/27/2018 9:01	23.79	76.9	5.61	5.7	SR12	11/27/2018 15:01	23.76	75.2	5.49	5.7	SR12	11/27/2018 21:01	23.73	76.4	5.38	1.4
SR12	11/27/2018 3:06	23.85	75.3	5.29	2.7	SR12	11/27/2018 9:06	23.77	75.5	5.51	6.4	SR12	11/27/2018 15:06	23.75	74.1	5.41	4.3	SR12	11/27/2018 21:06	23.73	76.2	5.37	4.6
SR12	11/27/2018 3:11	23.85	75.9	5.34	1.6	SR12	11/27/2018 9:11	23.78	77.3	5.64	5.9	SR12	11/27/2018 15:11	23.77	75.2	5.49	6.5	SR12	11/27/2018 21:11	23.73	76.1	5.36	4.8
SR12	11/27/2018 3:16	23.84	76.7	5.40	4.4	SR12	11/27/2018 9:16	23.75	76.6	5.59	4.8	SR12	11/27/2018 15:16	23.76	73.7	5.38	5.8	SR12	11/27/2018 21:16	23.73	75.9	5.35	3.7
SR12	11/27/2018 3:21	23.84	76.2	5.36	3.5	SR12	11/27/2018 9:21	23.74	76.3	5.57	6.2	SR12	11/27/2018 15:21	23.77	73.7	5.38	4.3	SR12	11/27/2018 21:21	23.73	76.0	5.35	3.3
SR12	11/27/2018 3:26	23.84	75.8	5.33	5.0	SR12	11/27/2018 9:26	23.75	76.6	5.59	6.1	SR12	11/27/2018 15:26	23.76	75.6	5.52	6.3	SR12	11/27/2018 21:26	23.74	75.2	5.30	2.5
SR12	11/27/2018 3:31	23.84	76.4	5.38	4.0	SR12	11/27/2018 9:31	23.77	77.0	5.62	6.5	SR12	11/27/2018 15:31	23.73	74.9	5.47	4.1	SR12	11/27/2018 21:31	23.73	75.8	5.34	2.3
SR12	11/27/2018 3:36	23.82	78.2	5.50	5.3	SR12	11/27/2018 9:36	23.75	77.8	5.68	5.5	SR12	11/27/2018 15:36	23.73	72.9	5.32	6.4	SR12	11/27/2018 21:36	23.73	75.8	5.34	2.0
SR12	11/27/2018 3:41	23.80	79.6	5.60	4.8	SR12	11/27/2018 9:41	23.77	77.7	5.67	4.6	SR12	11/27/2018 15:41	23.76	72.6	5.30	5.8	SR12	11/27/2018 21:41	23.73	76.1	5.36	3.1
SR12	11/27/2018 3:46	23.79	80.2	5.64	2.2	SR12	11/27/2018 9:46	23.76	75.5	5.51	4.2	SR12	11/27/2018 15:46	23.73	75.6	5.52	4.9	SR12	11/27/2018 21:46	23.72	76.2	5.37	4.3
SR12	11/27/2018 3:51	23.80	79.7	5.61	2.4	SR12	11/27/2018 9:51	23.79	76.9	5.61	4.9	SR12	11/27/2018 15:51	23.77	73.7	5.38	4.8	SR12	11/27/2018 21:51	23.76	76.6	5.39	4.7
SR12	11/27/2018 3:56	23.79	80.1	5.64	2.9	SR12	11/27/2018 9:56	23.79	76.9	5.61	6.5	SR12	11/27/2018 15:56	23.73	73.2	5.34	5.3	SR12	11/27/2018 21:56	23.74	75.7	5.34	4.7
SR12	11/27/2018 4:01	23.80	79.6	5.61	5.5	SR12	11/27/2018 10:01	23.75	75.9	5.54	6.2	SR12	11/27/2018 16:01	23.76	72.9	5.32	4.8	SR12	11/27/2018 22:01	23.73	75.7	5.34	5.1
SR12	11/27/2018 4:06	23.79	79.9	5.62	1.8	SR12	11/27/2018 10:06	23.77	75.6	5.52	6.2	SR12	11/27/2018 16:06	23.73	72.7	5.31	5.3	SR12	11/27/2018 22:06	23.72	75.4	5.31	4.0
SR12	11/27/2018 4:11	23.80	79.0	5.56	2.4	SR12	11/27/2018 10:11	23.74	77.0	5.62	4.4	SR12	11/27/2018 16:11	23.74	75.2	5.49	5.4	SR12	11/27/2018 22:11	23.72	75.6	5.33	2.3
SR12	11/27/2018 4:16	23.80	78.8	5.55	1.7	SR12	11/27/2018 10:16	23.75	75.9	5.54	4.1	SR12	11/27/2018 16:16	23.73	72.9	5.32	4.2	SR12	11/27/2018 22:16	23.72	76.1	5.36	3.4
SR12	11/27/2018 4:21	23.80	78.8	5.55	4.5	SR12	11/27/2018 10:21	23.77	77.3	5.64	5.2	SR12	11/27/2018 16:21	23.72	75.9	5.54	6.2	SR12	11/27/2018 22:21	23.72	75.7	5.34	2.8
SR12	11/27/2018 4:26	23.77	80.4	5.66	6.8	SR12	11/27/2018 10:26	23.76	76.3	5.57	4.1	SR12	11/27/2018 16:26	23.75	75.4	5.50	6.5	SR12	11/27/2018 22:26	23.71	76.0	5.35	2.7
SR12	11/27/2018 4:31	23.75	81.3	5.73	4.3	SR12	11/27/2018 10:31	23.80	77.6	5.46	9.7	SR12	11/27/2018 16:31	23.75	73.7	5.38	5.5	SR12	11/27/2018 22:31	23.71	75.4	5.31	3.1
SR12	11/27/2018 4:36	23.74	82.2	5.79	1.8	SR12	11/27/2018 10:36	23.78	77.9	5.49	4.5	SR12	11/27/2018 16:36	23.72	75.1	5.48	4.8	SR12	11/27/2018 22:36	23.71	76.2	5.37	3.2
SR12	11/27/2018 4:41	23.74	81.6	5.75	1.4	SR12	11/27/2018 10:41	23.78	77.4	5.45	3.9	SR12	11/27/2018 16:41	23.77	73.2	5.34	6.3	SR12	11/27/2018 22:41	23.69	76.3	5.38	4.9
SR12	11/27/2018 4:46	23.75	81.3	5.72	1.6	SR12	11/27/2018 10:46	23.78	77.3	5.44	1.9	SR12	11/27/2018 16:46	23.73	75.9	5.54	5.5	SR12	11/27/2018 22:46	23.69	76.9	5.43	4.7
SR12	11/27/2018 4:51	23.75	81.6	5.75	3.5	SR12	11/27/2018 10:51	23.78	77.1	5.43	2.1	SR12	11/27/2018 16:51	23.74	75.4	5.50	5.2	SR12	11/27/2018 22:51	23.74	76.4	5.38	1.3
SR12	11/27/2018 4:56	23.75	81.1	5.71	2.2	SR12	11/27/2018 10:56	23.78	76.7	5.40	5.6	SR12	11/27/2018 16:56	23.72	74.7	5.45	4.0	SR12	11/27/2018 22:56	23.71	76.2	5.37	3.0
SR12	11/27/2018 5:01	23.75	81.1	5.71	1.3	SR12	11/27/2018 11:01	23.78	76.7	5.40	2.9	SR12	11/27/2018 17:01	23.72	74.0	5.40	6.7	SR12	11/27/2018 23:01	23.73	75.5	5.32	1.7
SR12	11/27/2018 5:06	23.73	81.4	5.73	1.9	SR12	11/27/2018 11:06	23.76	77.1	5.43	2.9	SR12	11/27/2018 17:06	23.75	73.2	5.34	3.9	SR12	11/27/2018 23:06	23.73	74.9	5.27	4.2
SR12	11/27/2018 5:11	23.74	80.6	5.68	2.7	SR12	11/27/2018 11:11	23.81	76.7	5.40	3.6	SR12	11/27/2018 17:11	23.75	74.9	5.47	5.7	SR12	11/27/2018 23:11	23.73	75.2	5.30	2.2
SR12	11/27/2018 5:16	23.74	81.0	5.71	6.0	SR12	11/27/2018 11:16	23.78	77.5	5.45	4.5	SR12	11/27/2018 17:16	23.76	75.1	5.48	5.4	SR12	11/27/2018 23:16	23.73	75.2	5.30	5.3
SR12	11/27/2018 5:21	23.74	80.8	5.69	3.7	SR12	11/27/2018 11:21	23.78	77.0	5.42	2.9	SR12	11/27/2018 17:21	23.77	73.7	5.38	6.9	SR12	11/27/2018 23:21	23.73	75.1	5.29	5.5
SR12	11/27/2018 5:26	23.74	81.4	5.73	3.6	SR12	11/27/2018 11:26	23.78	77.2	5.44	2.2	SR12	11/27/2018 17:26	23.77	73.0	5.33	6.0	SR12	11/27/2018 23:26	23.73	74.8	5.27	5.4
SR12	11/27/2018 5:31	23.73	81.7	5.75	2.8	SR12	11/27/2018 11:31	23.77	77.2	5.44	3.0	SR12	11/27/2018 17:31	23.73	73.0	5.33	4.9	SR12	11/27/2018 23:31	23.73	75.0	5.28	1.1
SR12	11/27/2018 5:36	23.73	81.6	5.75	5.7	SR12	11/27/2018 11:36	23.77	76.7	5.40	2.7	SR12	11/27/2018 17:36	23.76	74.0	5.40	4.5	SR12	11/27/2018 23:36	23.73	75.0	5.29	1.6
SR12	11/27/2018 5:41	23.71	82.4	5.81	9.5	SR12	11/27/2018 11:41	23.77	76.3	5.37	2.7	SR12	11/27/2018 17:41	23.76	74.5	5.44	5.1	SR12	11/27/2018 23:41	23.73	75.0	5.28	2.1
SR12	11/27/2018 5:46	23.72	82.1	5.78	5.0	SR12	11/27/2018 11:46	23.77	76.0	5.35	2.4	SR12	11/27/2018 17:46	23.72	75.8	5.53	5.3	SR12	11/27/2018 23:46	23.73	75.1	5.29	3.5
SR12	11/27/2018 5:51	23.73	81.9	5.77	6.1	SR12	11/27/2018 11:51	23.76	77.4	5.45	4.0	SR12	11/27/2018 17:51	23.76	74.8	5.46	5.1	SR12	11/27/2018 23:51	23.73	75.0	5.29	1.4
SR12	11/27/2018 5:56	23.72	82.0	5.78	5.4	SR12	11/27/2018 11:56	23.76	77.3	5.44	2.3	SR12	11/27/2018 17:56	23.74	74.4	5.43	3.9	SR12	11/27/2018 23:56	23.72	75.1	5.29	3.5

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	11/27/2018 0:00	23.22	80.8	5.75	3.4	SR13	11/27/2018 6:00	23.09	84.8	6.13	8.0	SR13	11/27/2018 12:00	23.13	83.8	5.96	6.4	SR13	11/27/2018 18:00	23.07	82.7	5.94	6.8
SR13	11/27/2018 0:05	23.24	80.8	5.75	5.0	SR13	11/27/2018 6:05	23.06	85.4	6.18	4.8	SR13	11/27/2018 12:05	23.14	83.5	5.94	4.8	SR13	11/27/2018 18:05	23.09	82.6	5.94	5.6
SR13	11/27/2018 0:10	23.22	80.2	5.70	6.2	SR13	11/27/2018 6:10	23.00	85.7	6.20	5.2	SR13	11/27/2018 12:10	23.15	84.4	6.01	4.8	SR13	11/27/2018 18:10	23.07	82.4	5.93	6.2
SR13	11/27/2018 0:15	23.23	80.2	5.70	7.1	SR13	11/27/2018 6:15	22.99	86.1	6.24	4.8	SR13	11/27/2018 12:15	23.14	82.7	5.89	4.6	SR13	11/27/2018 18:15	23.08	83.1	5.97	6.6
SR13	11/27/2018 0:20	23.23	81.4	5.79	6.1	SR13	11/27/2018 6:20	22.97	84.8	6.14	5.1	SR13	11/27/2018 12:20	23.10	83.2	5.92	4.7	SR13	11/27/2018 18:20	23.09	82.3	5.91	5.5
SR13	11/27/2018 0:25	23.23	80.9	5.75	3.9	SR13	11/27/2018 6:25	23.09	85.7	6.19	7.8	SR13	11/27/2018 12:25	23.09	83.2	5.92	6.4	SR13	11/27/2018 18:25	23.08	82.4	5.93	5.2
SR13	11/27/2018 0:30	23.23	81.8	5.82	4.7	SR13	11/27/2018 6:30	22.98	85.2	6.17	6.4	SR13	11/27/2018 12:30	23.10	82.0	5.84	4.0	SR13	11/27/2018 18:30	23.06	82.5	5.93	6.2
SR13	11/27/2018 0:35	23.23	81.9	5.82	3.4	SR13	11/27/2018 6:35	22.97	86.3	6.25	7.2	SR13	11/27/2018 12:35	23.12	83.7	5.96	5.0	SR13	11/27/2018 18:35	23.08	83.1	5.97	5.7
SR13	11/27/2018 0:40	23.22	81.8	5.82	5.7	SR13	11/27/2018 6:40	22.98	85.2	6.18	6.6	SR13	11/27/2018 12:40	23.10	83.1	5.91	6.0	SR13	11/27/2018 18:40	23.06	82.0	5.89	6.3
SR13	11/27/2018 0:45	23.19	83.5	5.94	4.1	SR13	11/27/2018 6:45	22.97	85.0	6.16	7.2	SR13	11/27/2018 12:45	23.10	82.6	5.88	5.4	SR13	11/27/2018 18:45	23.07	82.6	5.94	5.9
SR13	11/27/2018 0:50	23.18	82.7	5.89	3.2	SR13	11/27/2018 6:50	22.96	85.0	6.17	6.5	SR13	11/27/2018 12:50	23.10	83.6	5.95	4.9	SR13	11/27/2018 18:50	23.05	82.0	5.89	6.2
SR13	11/27/2018 0:55	23.18	82.7	5.88	6.8	SR13	11/27/2018 6:55	22.95	86.2	6.25	5.6	SR13	11/27/2018 12:55	23.13	81.5	5.86	5.4	SR13	11/27/2018 18:55	23.08	82.2	5.91	7.1
SR13	11/27/2018 1:00	23.19	82.5	5.87	6.1	SR13	11/27/2018 7:00	22.96	86.9	6.64	7.6	SR13	11/27/2018 13:00	23.13	81.9	5.89	4.8	SR13	11/27/2018 19:00	23.05	82.2	5.91	5.8
SR13	11/27/2018 1:05	23.19	83.4	5.94	4.9	SR13	11/27/2018 7:05	22.94	86.0	6.24	6.2	SR13	11/27/2018 13:05	23.14	83.0	5.97	5.2	SR13	11/27/2018 19:05	23.04	82.9	5.96	6.4
SR13	11/27/2018 1:10	23.21	83.0	5.90	5.1	SR13	11/27/2018 7:10	22.92	85.3	6.46	6.1	SR13	11/27/2018 13:10	23.13	83.6	6.01	6.1	SR13	11/27/2018 19:10	23.06	82.4	5.92	7.6
SR13	11/27/2018 1:15	23.21	82.0	5.83	4.0	SR13	11/27/2018 7:15	22.93	86.5	6.27	6.2	SR13	11/27/2018 13:15	23.12	82.3	5.91	7.2	SR13	11/27/2018 19:15	23.06	82.7	5.95	6.2
SR13	11/27/2018 1:20	23.21	83.3	5.93	4.7	SR13	11/27/2018 7:20	22.94	86.7	6.29	5.1	SR13	11/27/2018 13:20	23.13	82.9	5.96	7.2	SR13	11/27/2018 19:20	23.04	83.1	5.98	7.0
SR13	11/27/2018 1:25	23.18	81.9	5.83	7.1	SR13	11/27/2018 7:25	22.90	85.5	6.20	4.6	SR13	11/27/2018 13:25	23.13	82.9	5.96	5.6	SR13	11/27/2018 19:25	23.04	83.2	5.98	6.9
SR13	11/27/2018 1:30	23.21	82.3	5.86	3.3	SR13	11/27/2018 7:30	22.94	85.0	6.17	5.9	SR13	11/27/2018 13:30	23.13	82.9	5.96	5.6	SR13	11/27/2018 19:30	23.05	81.5	5.86	6.0
SR13	11/27/2018 1:35	23.20	82.5	5.87	7.1	SR13	11/27/2018 7:35	22.93	85.2	6.18	6.7	SR13	11/27/2018 13:35	23.13	82.6	5.94	6.0	SR13	11/27/2018 19:35	23.06	82.5	5.93	6.0
SR13	11/27/2018 1:40	23.21	83.0	5.90	5.1	SR13	11/27/2018 7:40	22.91	86.6	6.28	5.9	SR13	11/27/2018 13:40	23.10	81.9	5.89	5.3	SR13	11/27/2018 19:40	23.06	83.3	5.99	6.6
SR13	11/27/2018 1:45	23.19	81.5	5.79	6.1	SR13	11/27/2018 7:45	23.03	85.5	6.19	7.3	SR13	11/27/2018 13:45	23.08	82.7	5.94	6.9	SR13	11/27/2018 19:45	23.06	82.1	5.90	7.1
SR13	11/27/2018 1:50	23.21	81.6	5.81	5.0	SR13	11/27/2018 7:50	22.96	86.1	6.24	6.2	SR13	11/27/2018 13:50	23.08	81.9	5.89	5.9	SR13	11/27/2018 19:50	23.04	82.7	5.95	7.5
SR13	11/27/2018 1:55	23.20	81.3	5.78	4.6	SR13	11/27/2018 7:55	22.93	86.7	6.28	4.6	SR13	11/27/2018 13:55	23.10	82.0	5.89	4.9	SR13	11/27/2018 19:55	23.05	82.0	5.90	7.7
SR13	11/27/2018 2:00	23.21	81.9	5.82	3.4	SR13	11/27/2018 8:00	22.93	86.0	6.23	5.7	SR13	11/27/2018 14:00	23.07	80.9	5.82	6.1	SR13	11/27/2018 20:00	23.05	82.9	5.96	6.5
SR13	11/27/2018 2:05	23.20	81.3	5.78	3.6	SR13	11/27/2018 8:05	22.91	85.9	6.23	4.8	SR13	11/27/2018 14:05	23.10	82.7	5.95	6.7	SR13	11/27/2018 20:05	23.04	83.2	5.98	7.0
SR13	11/27/2018 2:10	23.20	81.5	5.80	6.1	SR13	11/27/2018 8:10	22.91	85.1	6.17	6.7	SR13	11/27/2018 14:10	23.02	82.7	5.94	6.7	SR13	11/27/2018 20:10	23.05	83.4	6.00	6.9
SR13	11/27/2018 2:15	23.21	82.1	5.84	4.2	SR13	11/27/2018 8:15	22.93	84.9	6.16	6.1	SR13	11/27/2018 14:15	23.04	82.4	5.93	5.1	SR13	11/27/2018 20:15	23.05	82.3	5.92	6.2
SR13	11/27/2018 2:20	23.21	80.9	5.75	3.1	SR13	11/27/2018 8:20	22.91	85.0	6.17	7.2	SR13	11/27/2018 14:20	23.08	83.0	5.97	6.6	SR13	11/27/2018 20:20	23.02	82.6	5.93	5.6
SR13	11/27/2018 2:25	23.19	81.6	5.80	5.8	SR13	11/27/2018 8:25	22.93	86.6	6.28	5.8	SR13	11/27/2018 14:25	23.09	83.0	5.97	4.9	SR13	11/27/2018 20:25	23.02	82.9	5.96	5.7
SR13	11/27/2018 2:30	23.20	82.3	5.86	4.4	SR13	11/27/2018 8:30	22.95	86.0	6.24	4.5	SR13	11/27/2018 14:30	23.09	82.5	5.93	5.3	SR13	11/27/2018 20:30	23.03	82.8	5.95	7.4
SR13	11/27/2018 2:35	23.19	82.4	5.86	6.3	SR13	11/27/2018 8:35	23.00	85.9	6.22	5.3	SR13	11/27/2018 14:35	23.09	83.1	5.98	5.5	SR13	11/27/2018 20:35	23.03	82.8	5.95	5.3
SR13	11/27/2018 2:40	23.18	82.4	5.86	3.7	SR13	11/27/2018 8:40	23.10	85.3	6.15	6.7	SR13	11/27/2018 14:40	23.08	82.3	5.92	6.8	SR13	11/27/2018 20:40	23.03	82.1	5.90	5.5
SR13	11/27/2018 2:45	23.19	82.2	5.84	3.8	SR13	11/27/2018 8:45	23.02	85.1	6.16	3.9	SR13	11/27/2018 14:45	23.08	81.5	5.86	7.1	SR13	11/27/2018 20:45	23.04	83.2	5.98	5.8
SR13	11/27/2018 2:50	23.19	82.3	5.85	4.3	SR13	11/27/2018 8:50	23.09	84.6	6.11	7.6	SR13	11/27/2018 14:50	23.08	82.5	5.93	4.5	SR13	11/27/2018 20:50	23.03	83.2	5.98	5.2
SR13	11/27/2018 2:55	23.18	82.1	5.84	3.6	SR13	11/27/2018 8:55	23.12	85.4	6.15	8.2	SR13	11/27/2018 14:55	23.07	82.4	5.92	6.2	SR13	11/27/2018 20:55	23.03	83.7	6.02	5.5
SR13	11/27/2018 3:00	23.21	81.7	5.81	4.6	SR13	11/27/2018 9:00	23.10	85.8	6.18	6.7	SR13	11/27/2018 15:00	23.07	82.2	5.91	4.7	SR13	11/27/2018 21:00	23.04	81.9	5.89	5.3
SR13	11/27/2018 3:05	23.20	81.4	5.79	5.4	SR13	11/27/2018 9:05	23.13	84.4	6.08	6.7	SR13	11/27/2018 15:05	23.10	81.8	5.88	6.5	SR13	11/27/2018 21:05	23.02	82.3	5.92	5.2
SR13	11/27/2018 3:10	23.20	82.5	5.87	5.6	SR13	11/27/2018 9:10	23.11	84.5	6.02	7.6	SR13	11/27/2018 15:10	23.07	82.3	5.91	6.7	SR13	11/27/2018 21:10	23.03	83.1	5.92	5.9
SR13	11/27/2018 3:15	23.22	81.9	5.82	4.0	SR13	11/27/2018 9:15	23.10	84.7	6.09	6.2	SR13	11/27/2018 15:15	23.10	82.5	5.93	5.7	SR13	11/27/2018 21:15	23.03	82.7	5.89	5.9
SR13	11/27/2018 3:20	23.20	83.0	5.90	4.2	SR13	11/27/2018 9:20	23.10	84.9	6.06	4.8	SR13	11/27/2018 15:20	23.10	83.6	6.01	6.6	SR13	11/27/2018 21:20	23.02	83.8	5.96	4.7
SR13	11/27/2018 3:25	23.19	81.6	5.80	6.0	SR13	11/27/2018 9:25	23.09	84.8	6.11	4.7	SR13	11/27/2018 15:25	23.09	82.0	5.90	5.5	SR13	11/27/2018 21:25	23.02	83.0	5.91	5.8
SR13	11/27/2018 3:30	23.18	81.8	5.82	5.1	SR13	11/27/2018 9:30	23.11	84.3	6.07	5.9	SR13	11/27/2018 15:30	23.08	81.8	5.88	6.7	SR13	11/27/2018 21:30	23.03	83.1	5.92	6.1
SR13	11/27/2018 3:35	23.21	81.2	5.78	3.5	SR13	11/27/2018 9:35	23.11	84.1	5.98	5.2	SR13	11/27/2018 15:35	23.08	82.5	5.93	5.3	SR13	11/27/2018 21:35	23.02	82.5	5.87	5.3
SR13	11/27/2018 3:40	23.20	82.7	5.88	4.1	SR13	11/27/2018 9:40	23.09	83.7	5.96	5.1	SR13	11/27/2018 15:40	23.07	82.3	5.91	7.1	SR13	11/27/2018 21:40	23.02	84.3	6.00	5.7
SR13	11/27/2018 3:45	23.20	80.9	5.75	6.3	SR13	11/27/2018 9:45	23.13	83.1	5.98	6.9	SR13	11/27/2018 15:45	23.08	83.7	6.02	5.3	SR13	11/27/2018 21:45	23.03	82.4	5.86	4.4
SR13	11/27/2018 3:50	23.19	82.1	5.84	4.7	SR13	11/27/2018 9:50	23.13	82.9	5.96	6.3	SR13	11/27/2018 15:50	23.08	82.1	5.90	5.8	SR13	11/27/2018 21:50	23.05	82.8	5.89	5.1
SR13	11/27/2018 3:55	23.18	82.4	5.86	5.0	SR13	11/27/2018 9:55	23.13	83.6	6.01	5.9	SR13	11/27/2018 15:55	23.09	82.1	5.90	6.3	SR13	11/27/2018 21:55	23.04	82.9	5.90	6.8
SR13	11/27/2018 4:00	23.18	83.0	5.91	3.8	SR13	11/27/2018 10:00	23.11	83.1	5.98	6.8	SR13	11/27/2018 16:00	23.08	82.0	5.89	6.3	SR13	11/27/2018 22:00	23.05	82.5	5.87	6.3
SR13	11/27/2018 4:05	23.20	82.5	5.87	7.0	SR13	11/27/2018 10:05	23.12	81.9	5.89	7.3	SR13	11/27/2018 16:05	23.10	83.0	5.97	5.3	SR13	11/27/2018 22:05	23.04	82.9	5.90	4.8
SR13	11/27/2018 4:10	23.20	81.8	5.82	5.9	SR13	11/27/2018 10:10	23.12	82.4	5.93	6.1	SR13	11/27/2018 16:10	23.09	82.0	5.89	7.5	SR13	11/27/2018 22:10	23.03	83.4	5.94	5.5
SR13	11/27/2018 4:15	23.20	83.1	5.91	6.4	SR13	11/27/2018 10:15	23.11	83.1	5.98	7.6	SR13	11/27/2018 16:15	23.08	82.6	5.94	5.9	SR13	11/27/2018 22:15	23.03	83.0	5.91	6.3
SR13	11/27/2018 4:20	23.18	82.7	5.88	5.4	SR13	11/27/2018 10:20	23.13	82.1	5.91	6.8	SR13	11/27/2018 16:20	23.08	81.6	5.86	6.6	SR13	11/27/2018 22:20	23.01	83.3	5.93	5.0
SR13	11/27/2018 4:25	23.18	83.1	5.91	5.9	SR13	11/27/2018 10:25	23.11	83.5	6.01	5.1	SR13	11/27/2018 16:25	23.08	81.8	5.88	6.0	SR13	11/27/2018 22:25	23.01	82.7	5.88	4.8
SR13	11/27/2018 4:30	23.16	84.3	5.99	3.3	SR13	11/27/2018 10:30	23.12	82.5	5.93	6.6	SR13	11/27/2018 16:30	23.08	83.4	5.99	6.5	SR13	11/27/2018 22:30	23.03	84.3	6.00	5.0
SR13	11/27/2018 4:35	23.18	83.4	5.93	4.7	SR13	11/27/2018 10:35	23.12	82.5	5.93	5.8	SR13	11/27/2018 16:35	23.09	81.6	5.87	6.2	SR13	11/27/2018 22:35	23.03	83.3	5.93	6.3
SR13	11/27/2018 4:40	23.16	82.3	5.85	5.0	SR13	11/27/2018 10:40	23.13	82.3	5.91	7.4	SR13	11/27/2018 16:40	23.06	82.4	5.92	6.8	SR13	11/27/2018 22:40	23.02	83.5	5.94	7.4
SR13	11/27/2018 4:45	23.15	83.6	5.95	5.7	SR13	11/27/2018 10:45	23.12	82.1	5.90	7.1	SR13	11/27/2018 16:45	23.09	81.9	5.89	4.9	SR13	11/27/2018 22:45	23.02	83.3	5.93	6.2
SR13	11/27/2018 4:50	23.17	84.2	5.98	5.3	SR13	11/27/2018 10:50	23.12	83.0	5.97	5.5	SR13	11/27/2018 16:50	23.08	81.9	5.89	5.3	SR13	11/27/2018 22:50	23.01	82.8	5.89	5.5
SR13	11/27/2018 4:55	23.16	81.8	5.82	5.1	SR13	11/27/2018 10:55	23.12	82.5	5.93	5.6	SR13	11/27/2018 16:55	23.08	82.8	5.95	6.1	SR13	11/27/2018 22:55	23.06	83.4	5.93	5.4
SR13	11/27/2018 5:00	23.15	81.8	5.82	3.0	SR13	11/27/2018 11:00	23.13	83.4	5.99	5.8	SR13	11/27/2018 17:00	23.07	80.8	5.81	6.0	SR13	11/27/2018 23:00	23.06	82.3	5.86	6.1
SR13	11/27/2018 5:05	23.16	81.8	5.82	5.9	SR13	11/27/2018 11:05	23.13	82.7	5.95	5.1	SR13	11/27/2018 17:05	23.08	82.0	5.90	5.4	SR13	11/27/2018 23:05	23.02	82.7	5.89	5.1
SR13	11/27/2018 5:10	23.16	82.5	5.87	7.1	SR13	11/27/2018 11:10	23.12	83.1	5.98	6.3	SR13	11/27/2018 17:10	23.09	82.8	5.95	6.1	SR13	11/27/2018 23:10	23.01	82.3	5.85	6.8
SR13	11/27/2018 5:15	23.13	82.8	5.89	5.6	SR13	11/27/2018 11:15	23.14	82.5	5.87	7.2	SR13	11/27/2018 17:15	23.10	82.3	5.91	7.1	SR13	11/27/2018 23:15	23.04	82.3	5.85	5.0
SR13	11/27/2018 5:20	23.14	84.4	6.00	4.7	SR13	11/27/2018 11:20	23.13	84.0	5.98	5.9	SR13	11/27/2018 17:20	23.07	83.0	5.97	6.9	SR13	11/27/2018 23:20	23.05	83.9	5.97	5.1
SR13	11/27/2018 5:25	23.13	84.3	6.00	3.2	SR13	11/27/2018 11:25	23.12	84.5	6.01	6.6	SR13	11/27/2018 17:25	23.09	81.2	5.84	6.2	SR13	11/27/2018 23:25	23.02	82.5	5.87	5.2
SR13	11/27/2018 5:30	23.14	83.6	5.95	4.2	SR13	11/27/2018 11:30	23.13	83.5	5.94	4.5	SR13	11/27/2018 17:30	23.06	83.2	5.98	5.6	SR13	11/27/2018 23:30	23.02	83.6	5.96	5.8
SR13	11/27/2018 5:35	23.14	84.2	5.99	3.9	SR13	11/27/2018 11:35	23.12	83.7	5.96	6.3	SR13	11/27/2018 17:35	23.06	82.7	5.95	6.7	SR13	11/27/2018 23:35	23.07	83.3	5.93	3.8
SR13	11/27/2018 5:40	23.15	85.0	6.05	3.0	SR13	11/27/2018 11:40	23.11	84.2	5.99	7.5	SR13	11/27/2018 17:40	23.06	81.6	5.87	5.5	SR13	11/27/2018 23:40	23.05	82.7	5.88	5.3
SR13	11/27/2018 5:45	23.13	83.6	5.95	5.7	SR13	11/27/2018 11:45	23.12	83.7	5.96	4.4	SR13	11/27/2018 17:45	23.06	83.1	5.97	6.7	SR13	11/27/2018 23:45	23.07	83.1	5.91	6.3
SR13	11/27/2018 5:50	23.13	84.2	6.05	6.1	SR13	11/27/2018 11:50	23.14	82.5	5.87	5.2	SR13	11/27/2018 17:50	23.07	81.9	5.89	6.3	SR13	11/27/2018 23:50	23.06	83.8	5.96	5.9
SR13	11/27/2018 5:55	23.11	84.7	6.10	6.0	SR13	11/27/2018 11:55	23.17	83.6	5.95	4.5	SR13	11/27/2018 17:55	23.08	83.2	5.98	7.0	SR13	11/27/2018 23:55	23.06	82.9	5.90	5.2

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	11/27/2018 0:17	0.11				SR12	11/27/2018 0:17	0.09			
SR4	11/27/2018 0:37	0.10				SR12	11/27/2018 0:37	0.10			
SR4	11/27/2018 0:57	0.12				SR12	11/27/2018 0:57	0.12			
SR4	11/27/2018 1:17	0.11				SR12	11/27/2018 1:17	0.08			
SR4	11/27/2018 1:37	0.10				SR12	11/27/2018 1:37	0.13			
SR4	11/27/2018 1:57	0.12				SR12	11/27/2018 1:57	0.08			
SR4	11/27/2018 2:17	0.11				SR12	11/27/2018 2:17	0.10			
SR4	11/27/2018 2:37	0.11				SR12	11/27/2018 2:37	0.12			
SR4	11/27/2018 2:57	0.11				SR12	11/27/2018 2:57	0.10			
SR4	11/27/2018 3:17	0.12				SR12	11/27/2018 3:17	0.09			
SR4	11/27/2018 3:37	0.10				SR12	11/27/2018 3:37	0.12			
SR4	11/27/2018 3:57	0.11				SR12	11/27/2018 3:57	0.08			
SR4	11/27/2018 4:17	0.10				SR12	11/27/2018 4:17	0.10			
SR4	11/27/2018 4:37	0.12				SR12	11/27/2018 4:37	0.09			
SR4	11/27/2018 4:57	0.12				SR12	11/27/2018 4:57	0.12			
SR4	11/27/2018 5:17	0.10				SR12	11/27/2018 5:17	0.11			
SR4	11/27/2018 5:37	0.11				SR12	11/27/2018 5:37	0.10			
SR4	11/27/2018 5:57	0.07				SR12	11/27/2018 5:57	0.07			
SR4						SR12					
SR4	11/27/2018 6:37	0.12				SR12	11/27/2018 6:37	0.12			
SR4	11/27/2018 6:57	0.12				SR12	11/27/2018 6:57	0.08			
SR4	11/27/2018 7:17	0.11				SR12	11/27/2018 7:17	0.07			
SR4	11/27/2018 7:37	0.12				SR12	11/27/2018 7:37	0.12			
SR4	11/27/2018 7:57	0.10				SR12	11/27/2018 7:57	0.07			
SR4	11/27/2018 8:17	0.10				SR12	11/27/2018 8:17	0.12			
SR4	11/27/2018 8:37	0.11				SR12	11/27/2018 8:37	0.12			
SR4	11/27/2018 8:57	0.11				SR12	11/27/2018 8:57	0.08			
SR4	11/27/2018 9:17	0.11				SR12	11/27/2018 9:17	0.10			
SR4	11/27/2018 9:37	0.10				SR12	11/27/2018 9:37	0.06			
SR4	11/27/2018 9:57	0.08				SR12	11/27/2018 9:57	0.10			
SR4	11/27/2018 10:17	0.10				SR12	11/27/2018 10:17	0.06			
SR4	11/27/2018 10:37	0.10				SR12	11/27/2018 10:37	0.09			
SR4	11/27/2018 10:57	0.09				SR12	11/27/2018 10:57	0.07			
SR4	11/27/2018 11:17	0.09				SR12	11/27/2018 11:17	0.09			
SR4	11/27/2018 11:37	0.11				SR12	11/27/2018 11:37	0.08			
SR4	11/27/2018 11:57	0.09				SR12	11/27/2018 11:57	0.10			
SR4	11/27/2018 12:17	0.10				SR12	11/27/2018 12:17	0.07			
SR4	11/27/2018 12:37	0.10				SR12	11/27/2018 12:37	0.11			
SR4	11/27/2018 12:57	0.09				SR12	11/27/2018 12:57	0.05			
SR4	11/27/2018 13:17	0.08				SR12	11/27/2018 13:17	0.05			
SR4	11/27/2018 13:37	0.07				SR12	11/27/2018 13:37	0.09			
SR4	11/27/2018 13:57	0.09				SR12	11/27/2018 13:57	0.08			
SR4	11/27/2018 14:17	0.08				SR12	11/27/2018 14:17	0.10			
SR4	11/27/2018 14:37	0.09				SR12	11/27/2018 14:37	0.08			
SR4	11/27/2018 14:57	0.07				SR12	11/27/2018 14:57	0.12			
SR4	11/27/2018 15:17	0.08				SR12	11/27/2018 15:17	0.07			
SR4	11/27/2018 15:37	0.07				SR12	11/27/2018 15:37	0.07			
SR4	11/27/2018 15:57	0.10				SR12	11/27/2018 15:57	0.08			
SR4	11/27/2018 16:17	0.08				SR12	11/27/2018 16:17	0.05			
SR4	11/27/2018 16:37	0.09				SR12	11/27/2018 16:37	0.09			
SR4	11/27/2018 16:57	0.07				SR12	11/27/2018 16:57	0.11			
SR4	11/27/2018 17:17	0.07				SR12	11/27/2018 17:17	0.09			
SR4	11/27/2018 17:37	0.08				SR12	11/27/2018 17:37	0.09			
SR4	11/27/2018 17:57	0.07				SR12	11/27/2018 17:57	0.07			
SR4	11/27/2018 18:17	0.10				SR12	11/27/2018 18:17	0.08			
SR4	11/27/2018 18:37	0.08				SR12	11/27/2018 18:37	0.09			
SR4	11/27/2018 18:57	0.10				SR12	11/27/2018 18:57	0.10			
SR4	11/27/2018 19:17	0.08				SR12	11/27/2018 19:17	0.06			
SR4	11/27/2018 19:37	0.07				SR12	11/27/2018 19:37	0.08			
SR4	11/27/2018 19:57	0.08				SR12	11/27/2018 19:57	0.07			
SR4	11/27/2018 20:17	0.07				SR12	11/27/2018 20:17	0.07			
SR4	11/27/2018 20:37	0.09				SR12	11/27/2018 20:37	0.09			
SR4	11/27/2018 20:57	0.10				SR12	11/27/2018 20:57	0.08			
SR4	11/27/2018 21:17	0.08				SR12	11/27/2018 21:17	0.12			
SR4	11/27/2018 21:37	0.09				SR12	11/27/2018 21:37	0.07			
SR4	11/27/2018 21:57	0.09				SR12	11/27/2018 21:57	0.07			
SR4	11/27/2018 22:17	0.07				SR12	11/27/2018 22:17	0.09			
SR4	11/27/2018 22:37	0.10				SR12	11/27/2018 22:37	0.08			
SR4	11/27/2018 22:57	0.10				SR12	11/27/2018 22:57	0.09			
SR4	11/27/2018 23:17	0.07				SR12	11/27/2018 23:17	0.06			
SR4	11/27/2018 23:37	0.08				SR12	11/27/2018 23:37	0.08			
SR4	11/27/2018 23:57	0.07				SR12	11/27/2018 23:57	0.09			

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

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	11/28/2018 0:01	22.91	76.1	5.46	1.5	SR4	11/28/2018 6:01	22.88	75.1	5.39	1.6	SR4	11/28/2018 12:01	22.80	79.7	5.73	5.9	SR4	11/28/2018 18:01	22.85	77.3	5.55	2.1
SR4	11/28/2018 0:06	22.91	75.6	5.42	3.0	SR4	11/28/2018 6:06	22.93	75.3	5.40	1.0	SR4	11/28/2018 12:06	22.81	79.0	5.68	1.8	SR4	11/28/2018 18:06	22.84	75.2	5.40	1.7
SR4	11/28/2018 0:11	22.91	74.3	5.33	1.6	SR4	11/28/2018 6:11	22.89	76.6	5.49	4.5	SR4	11/28/2018 12:11	22.82	80.6	5.79	1.7	SR4	11/28/2018 18:11	22.84	76.6	5.50	1.5
SR4	11/28/2018 0:16	22.91	75.5	5.41	2.5	SR4	11/28/2018 6:16	22.92	70.9	5.08	3.4	SR4	11/28/2018 12:16	22.82	78.2	5.62	3.1	SR4	11/28/2018 18:16	22.84	76.3	5.48	1.9
SR4	11/28/2018 0:21	22.90	75.4	5.40	4.0	SR4	11/28/2018 6:21	22.93	73.9	5.30	3.0	SR4	11/28/2018 12:21	22.82	79.0	5.67	2.5	SR4	11/28/2018 18:21	22.86	75.9	5.45	2.1
SR4	11/28/2018 0:26	22.90	75.2	5.39	5.0	SR4	11/28/2018 6:26	22.91	76.5	6.54	6.1	SR4	11/28/2018 12:26	22.83	79.6	5.72	2.7	SR4	11/28/2018 18:26	22.86	75.2	5.40	1.0
SR4	11/28/2018 0:31	22.90	75.3	5.40	2.6	SR4	11/28/2018 6:31	22.41	90.6	7.82	**20.9**	SR4	11/28/2018 12:31	22.83	79.0	5.67	4.2	SR4	11/28/2018 18:31	22.85	74.7	5.36	3.6
SR4	11/28/2018 0:36	22.91	76.6	5.49	2.4	SR4	11/28/2018 6:36	22.23	95.4	8.26	4.9	SR4	11/28/2018 12:36	22.82	78.4	5.64	1.5	SR4	11/28/2018 18:36	22.84	76.5	5.50	1.3
SR4	11/28/2018 0:41	22.90	76.2	5.46	4.0	SR4	11/28/2018 6:41	22.04	97.8	8.50	5.6	SR4	11/28/2018 12:41	22.84	78.9	5.66	2.5	SR4	11/28/2018 18:41	22.83	74.4	5.34	3.0
SR4	11/28/2018 0:46	22.90	73.9	5.30	4.4	SR4	11/28/2018 6:46	22.11	85.5	7.42	3.7	SR4	11/28/2018 12:46	22.85	78.6	5.64	2.7	SR4	11/28/2018 18:46	22.81	76.0	5.46	4.0
SR4	11/28/2018 0:51	22.89	74.3	5.33	1.6	SR4	11/28/2018 6:51	21.08	100.2	8.87	4.7	SR4	11/28/2018 12:51	22.85	78.3	5.62	2.8	SR4	11/28/2018 18:51	22.83	75.5	5.42	3.9
SR4	11/28/2018 0:56	22.90	74.9	5.37	5.3	SR4	11/28/2018 6:56	21.38	100.2	8.81	3.0	SR4	11/28/2018 12:56	22.85	77.1	5.53	1.9	SR4	11/28/2018 18:56	22.82	76.6	5.50	3.7
SR4	11/28/2018 1:01	22.90	75.3	5.40	5.4	SR4	11/28/2018 7:01	21.18	100.7	8.88	4.7	SR4	11/28/2018 13:01	22.85	78.3	5.62	2.4	SR4	11/28/2018 19:01	22.80	76.4	5.49	1.4
SR4	11/28/2018 1:06	22.90	75.1	5.38	1.5	SR4	11/28/2018 7:06	20.93	100.5	8.91	4.3	SR4	11/28/2018 13:06	22.85	78.0	5.60	2.3	SR4	11/28/2018 19:06	22.80	77.4	5.57	2.7
SR4	11/28/2018 1:11	22.91	74.8	5.36	4.0	SR4	11/28/2018 7:11	20.88	100.1	8.87	2.6	SR4	11/28/2018 13:11	22.85	78.4	5.63	2.1	SR4	11/28/2018 19:11	22.79	77.0	5.54	3.0
SR4	11/28/2018 1:16	22.91	75.4	5.40	1.5	SR4	11/28/2018 7:16	20.79	99.9	8.88	2.9	SR4	11/28/2018 13:16	22.85	78.2	5.61	3.0	SR4	11/28/2018 19:16	22.79	78.2	5.62	3.4
SR4	11/28/2018 1:21	22.92	73.8	5.29	2.3	SR4	11/28/2018 7:21	20.49	99.9	8.93	4.1	SR4	11/28/2018 13:21	22.85	78.0	5.60	2.1	SR4	11/28/2018 19:21	22.78	78.3	5.63	1.1
SR4	11/28/2018 1:26	22.91	75.6	5.42	2.5	SR4	11/28/2018 7:26	20.49	100.1	8.95	1.2	SR4	11/28/2018 13:26	22.85	77.2	5.54	2.5	SR4	11/28/2018 19:26	22.79	77.7	5.59	4.0
SR4	11/28/2018 1:31	22.91	75.0	5.37	3.7	SR4	11/28/2018 7:31	20.25	101.6	9.13	1.8	SR4	11/28/2018 13:31	22.85	78.2	5.61	2.2	SR4	11/28/2018 19:31	22.78	77.0	5.54	2.4
SR4	11/28/2018 1:36	22.91	75.3	5.40	1.7	SR4	11/28/2018 7:36	20.12	101.1	9.10	4.4	SR4	11/28/2018 13:36	22.85	77.6	5.57	1.8	SR4	11/28/2018 19:36	22.78	76.9	5.53	4.7
SR4	11/28/2018 1:41	22.91	75.1	5.38	4.7	SR4	11/28/2018 7:41	22.47	96.8	8.30	1.8	SR4	11/28/2018 13:41	22.85	78.1	5.60	2.1	SR4	11/28/2018 19:41	22.78	77.0	5.54	1.4
SR4	11/28/2018 1:46	22.91	74.5	5.34	4.9	SR4	11/28/2018 7:46	21.75	100.2	8.74	4.5	SR4	11/28/2018 13:46	22.85	77.8	5.58	1.4	SR4	11/28/2018 19:46	22.79	76.4	5.49	2.6
SR4	11/28/2018 1:51	22.90	74.6	5.35	2.7	SR4	11/28/2018 7:51	21.59	99.3	8.68	3.2	SR4	11/28/2018 13:51	22.85	75.5	5.42	1.4	SR4	11/28/2018 19:51	22.78	78.2	5.62	2.9
SR4	11/28/2018 1:56	22.91	74.8	5.36	5.2	SR4	11/28/2018 7:56	20.51	100.3	8.96	2.1	SR4	11/28/2018 13:56	22.86	76.1	5.46	1.7	SR4	11/28/2018 19:56	22.79	78.1	5.62	3.0
SR4	11/28/2018 2:01	22.90	74.2	5.32	2.7	SR4	11/28/2018 8:01	22.39	95.0	8.16	1.9	SR4	11/28/2018 14:01	22.86	76.5	5.49	1.4	SR4	11/28/2018 20:01	22.78	78.0	5.61	4.4
SR4	11/28/2018 2:06	22.90	74.2	5.32	5.0	SR4	11/28/2018 8:06	20.37	101.3	9.08	4.8	SR4	11/28/2018 14:06	22.87	77.4	5.55	1.9	SR4	11/28/2018 20:06	22.77	78.8	5.67	2.4
SR4	11/28/2018 2:11	22.90	74.0	5.31	3.8	SR4	11/28/2018 8:11	19.91	100.8	9.12	3.2	SR4	11/28/2018 14:11	22.86	76.3	5.48	2.6	SR4	11/28/2018 20:11	22.76	78.6	5.66	3.0
SR4	11/28/2018 2:16	22.90	74.7	5.36	5.3	SR4	11/28/2018 8:16	22.00	100.3	8.67	3.5	SR4	11/28/2018 14:16	22.86	76.1	5.46	4.2	SR4	11/28/2018 20:16	22.79	78.8	5.67	5.3
SR4	11/28/2018 2:21	22.90	74.5	5.34	1.7	SR4	11/28/2018 8:21	19.65	100.8	9.17	5.4	SR4	11/28/2018 14:21	22.86	75.9	5.45	2.0	SR4	11/28/2018 20:21	22.80	79.6	5.73	2.1
SR4	11/28/2018 2:26	22.90	74.5	5.34	2.6	SR4	11/28/2018 8:26	20.68	99.2	8.84	2.5	SR4	11/28/2018 14:26	22.85	76.0	5.45	2.7	SR4	11/28/2018 20:26	22.85	79.3	5.70	5.2
SR4	11/28/2018 2:31	22.90	74.5	5.34	2.4	SR4	11/28/2018 8:31	21.65	97.7	8.53	3.8	SR4	11/28/2018 14:31	22.84	76.9	5.52	2.4	SR4	11/28/2018 20:31	22.81	78.0	5.61	2.0
SR4	11/28/2018 2:36	22.90	74.1	5.31	2.5	SR4	11/28/2018 8:36	20.46	100.8	9.02	3.9	SR4	11/28/2018 14:36	22.84	76.6	5.50	3.7	SR4	11/28/2018 20:36	22.82	77.6	5.58	1.3
SR4	11/28/2018 2:41	22.90	72.9	5.22	3.6	SR4	11/28/2018 8:41	21.27	97.4	8.59	1.9	SR4	11/28/2018 14:41	22.85	76.9	5.52	4.5	SR4	11/28/2018 20:41	22.81	77.2	5.55	2.4
SR4	11/28/2018 2:46	22.90	74.2	5.32	4.8	SR4	11/28/2018 8:46	20.26	98.0	8.81	4.2	SR4	11/28/2018 14:46	22.85	76.4	5.49	5.0	SR4	11/28/2018 20:46	22.82	76.6	5.50	1.8
SR4	11/28/2018 2:51	22.90	72.3	5.18	5.2	SR4	11/28/2018 8:51	22.49	85.4	7.34	1.0	SR4	11/28/2018 14:51	22.86	77.5	5.56	1.6	SR4	11/28/2018 20:51	22.83	75.9	5.45	1.1
SR4	11/28/2018 2:56	22.90	73.3	5.26	4.5	SR4	11/28/2018 8:56	22.62	85.9	7.36	2.9	SR4	11/28/2018 14:56	22.86	76.1	5.46	1.8	SR4	11/28/2018 20:56	22.83	76.1	5.47	1.4
SR4	11/28/2018 3:01	22.84	73.0	5.24	2.6	SR4	11/28/2018 9:01	21.28	92.2	8.13	4.3	SR4	11/28/2018 15:01	22.86	75.4	5.41	1.6	SR4	11/28/2018 21:01	22.83	75.8	5.45	4.3
SR4	11/28/2018 3:06	22.86	72.3	5.19	1.5	SR4	11/28/2018 9:06	22.72	87.7	7.45	7.8	SR4	11/28/2018 15:06	22.86	75.8	5.44	3.6	SR4	11/28/2018 21:06	22.82	75.4	5.42	1.0
SR4	11/28/2018 3:11	22.87	70.8	5.08	3.2	SR4	11/28/2018 9:11	22.70	82.2	7.01	1.8	SR4	11/28/2018 15:11	22.86	76.4	5.48	1.3	SR4	11/28/2018 21:11	22.82	75.1	5.40	4.9
SR4	11/28/2018 3:16	22.87	71.4	5.13	4.7	SR4	11/28/2018 9:16	22.73	80.3	5.78	3.0	SR4	11/28/2018 15:16	22.86	76.6	5.50	1.3	SR4	11/28/2018 21:16	22.82	75.7	5.44	3.4
SR4	11/28/2018 3:21	22.88	71.6	5.14	4.3	SR4	11/28/2018 9:21	22.71	81.4	6.41	1.2	SR4	11/28/2018 15:21	22.87	75.9	5.45	1.4	SR4	11/28/2018 21:21	22.82	76.3	5.48	1.6
SR4	11/28/2018 3:26	22.87	69.8	5.01	5.1	SR4	11/28/2018 9:26	22.44	55.7	4.76	**21.8**	SR4	11/28/2018 15:26	22.88	75.1	5.39	2.6	SR4	11/28/2018 21:26	22.81	77.1	5.54	1.6
SR4	11/28/2018 3:31	22.85	69.3	4.97	4.9	SR4	11/28/2018 9:31	22.52	62.7	5.34	**12.3**	SR4	11/28/2018 15:31	22.87	75.5	5.42	2.8	SR4	11/28/2018 21:31	22.81	77.3	5.56	2.0
SR4	11/28/2018 3:36	22.87	70.7	5.08	2.5	SR4	11/28/2018 9:36	22.60	69.2	5.04	2.7	SR4	11/28/2018 15:36	22.88	74.4	5.33	1.9	SR4	11/28/2018 21:36	22.81	77.5	5.57	2.6
SR4	11/28/2018 3:41	22.88	70.5	5.06	2.5	SR4	11/28/2018 9:41	22.67	76.4	5.53	1.0	SR4	11/28/2018 15:41	22.87	76.2	5.47	3.4	SR4	11/28/2018 21:41	22.82	76.8	5.52	2.1
SR4	11/28/2018 3:46	22.89	71.4	5.12	3.5	SR4	11/28/2018 9:46	22.54	76.2	5.57	2.8	SR4	11/28/2018 15:46	22.88	75.4	5.41	1.4	SR4	11/28/2018 21:46	22.81	76.3	5.49	1.1
SR4	11/28/2018 3:51	22.90	73.7	5.29	3.9	SR4	11/28/2018 9:51	22.78	77.9	5.61	2.5	SR4	11/28/2018 15:51	22.84	73.6	5.28	2.9	SR4	11/28/2018 21:51	22.81	76.2	5.48	3.4
SR4	11/28/2018 3:56	22.90	74.0	5.31	4.3	SR4	11/28/2018 9:56	22.74	79.4	5.72	1.4	SR4	11/28/2018 15:56	22.83	73.7	5.29	3.3	SR4	11/28/2018 21:56	22.82	75.5	5.42	2.0
SR4	11/28/2018 4:01	22.90	73.1	5.24	3.2	SR4	11/28/2018 10:01	22.76	79.2	5.70	1.2	SR4	11/28/2018 16:01	22.83	73.7	5.29	1.4	SR4	11/28/2018 22:01	22.81	75.7	5.44	1.2
SR4	11/28/2018 4:06	22.90	72.1	5.17	4.8	SR4						SR4	11/28/2018 16:06	22.83	74.3	5.33	2.7	SR4	11/28/2018 22:06	22.81	74.6	5.36	5.2
SR4	11/28/2018 4:11	22.85	71.8	5.16	2.9	SR4						SR4	11/28/2018 16:11	22.82	72.6	5.22	4.6	SR4	11/28/2018 22:11	22.82	74.8	5.37	1.2
SR4	11/28/2018 4:16	22.90	72.6	5.21	3.5	SR4						SR4	11/28/2018 16:16	22.84	72.6	5.21	4.6	SR4	11/28/2018 22:16	22.80	76.0	5.46	1.9
SR4	11/28/2018 4:21	22.91	71.1	5.10	1.3	SR4						SR4	11/28/2018 16:21	22.84	72.6	5.21	3.8	SR4	11/28/2018 22:21	22.81	75.8	5.44	1.9
SR4	11/28/2018 4:26	22.91	71.1	5.10	3.1	SR4						SR4	11/28/2018 16:26	22.84	73.4	5.27	2.7	SR4	11/28/2018 22:26	22.80	75.5	5.42	4.5
SR4	11/28/2018 4:31	22.91	72.4	5.19	4.5	SR4						SR4	11/28/2018 16:31	22.84	73.7	5.29	3.1	SR4	11/28/2018 22:31	22.81	75.5	5.43	2.9
SR4	11/28/2018 4:36	22.92	71.6	5.13	4.2	SR4						SR4	11/28/2018 16:36	22.86	75.3	5.40	2.3	SR4	11/28/2018 22:36	22.82	75.8	5.45	1.3
SR4	11/28/2018 4:41	22.87	71.6	5.14	1.5	SR4						SR4	11/28/2018 16:41	22.85	74.4	5.34	2.4	SR4	11/28/2018 22:41	22.82	74.7	5.37	1.2
SR4	11/28/2018 4:46	22.95	69.5	4.99	2.8	SR4						SR4	11/28/2018 16:46	22.84	75.2	5.40	1.6	SR4	11/28/2018 22:46	22.81	74.7	5.36	1.8
SR4	11/28/2018 4:51	22.98	60.9	4.37	5.4	SR4						SR4	11/28/2018 16:51	22.85	76.4	5.49	2.3	SR4	11/28/2018 22:51	22.82	74.6	5.36	2.1
SR4	11/28/2018 4:56	23.02	59.7	4.28	3.5	SR4						SR4	11/28/2018 16:56	22.85	76.8	5.51	2.0	SR4	11/28/2018 22:56	22.83	74.3	5.33	2.3
SR4	11/28/2018 5:01	23.01	60.4	4.33	3.6	SR4						SR4	11/28/2018 17:01	22.85	75.7	5.44	1.1	SR4	11/28/2018 23:01	22.82	73.3	5.27	4.0
SR4	11/28/2018 5:06	22.94	69.8	5.00	2.0	SR4						SR4	11/28/2018 17:06	22.86	75.1	5.39	2.0	SR4	11/28/2018 23:06	22.81	74.2	5.33	1.0
SR4	11/28/2018 5:11	22.94	69.9	5.01	1.5	SR4						SR4	11/28/2018 17:11	22.85	75.4	5.41	1.2	SR4	11/28/2018 23:11	22.84	75.2	5.39	3.3
SR4	11/28/2018 5:16	22.94	71.6	5.13	3.0	SR4	11/28/2018 11:16	22.79	79.9	5.74	4.7	SR4	11/28/2018 17:16	22.85	76.1	5.46	1.8	SR4	11/28/2018 23:16	22.83	74.5	5.35	1.2
SR4	11/28/2018 5:21	22.92	71.6	5.13	4.6	SR4	11/28/2018 11:21	22.80	79.5	5.71	6.0	SR4	11/28/2018 17:21	22.85	75.4	5.41	1.3	SR4	11/28/2018 23:21	22.83	74.0	5.31	2.5
SR4	11/28/2018 5:26	22.94	71.8	5.15	2.5	SR4	11/28/2018 11:26	22.80	78.9	5.67	2.9	SR4	11/28/2018 17:26	22.84	75.1	5.39	1.0	SR4	11/28/2018 23:26	22.83	73.7	5.29	3.5
SR4	11/28/2018 5:31	22.97	74.1	5.31	2.5	SR4	11/28/2018 11:31	22.81	79.7	5.73	2.3	SR4	11/28/2018 17:31	22.84	74.9	5.38	1.6	SR4	11/28/2018 23:31	22.83	74.5	5.35	1.5
SR4	11/28/2018 5:36	22.92	74.5	5.34	1.6	SR4	11/28/2018 11:36	22.80	79.5	5.71	2.6	SR4	11/28/2018 17:36	22.85	76.1	5.46	1.6	SR4	11/28/2018 23:36	22.83	75.1	5.39	2.1
SR4	11/28/2018 5:41	22.91	74.2	5.32	1.6	SR4	11/28/2018 11:41	22.80	79.5	5.71	2.3	SR4	11/28/2018 17:41	22.85	76.7	5.51	1.9	SR4	11/28/2018 23:41	22.83	74.7	5.36	1.8
SR4	11/28/2018 5:46	22.90	74.3	5.33	2.1	SR4	11/28/2018 11:46	22.81	79.4	5.70	3.8	SR4	11/28/2018 17:46	22.88	76.5	5.48	1.4	SR4	11/28/2018 23:46	22.84	75.5	5.41	1.8
SR4	11/28/2018 5:51	22.90	74.1	5.31	1.0	SR4	11/28/2018 11:51	22.81	79.2	5.69	3.1	SR4	11/28/2018 17:51	22.87	75.9	5.45	1.3	SR4	11/28/2018 23:51	22.84	74.8	5.37	2.9
SR4	11/28/2018 5:56	22.89	75.0	5.37	1.8	SR4	11/28/2018 11:56	22.81	78.1	5.61	2.5	SR4	11/28/2018 17:56	22.86	75.0	5.38	1.7	SR4	11/28/2018 23:56	22.84	74.6	5.35	1.3

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	11/28/2018 0:00	23.20	87.2	6.21	3.7	SR5	11/28/2018 6:00	23.15	85.3	6.09	2.4	SR5	11/28/2018 12:00	23.10	88.8	6.34	4.3	SR5	11/28/2018 18:00	23.07	87.8	6.27	4.1
SR5	11/28/2018 0:05	23.18	85.7	6.11	4.7	SR5	11/28/2018 6:05	23.10	89.3	6.37	4.3	SR5	11/28/2018 12:05	23.14	86.6	6.18	4.3	SR5	11/28/2018 18:05	23.05	84.9	6.06	2.8
SR5	11/28/2018 0:10	23.11	86.2	6.15	2.0	SR5	11/28/2018 6:10	23.07	88.6	6.32	3.6	SR5	11/28/2018 12:10	23.12	88.8	6.34	1.8	SR5	11/28/2018 18:10	23.07	85.5	6.10	3.7
SR5	11/28/2018 0:15	23.15	83.9	5.98	3.5	SR5	11/28/2018 6:15	23.11	84.9	6.05	4.3	SR5	11/28/2018 12:15	23.11	86.4	6.17	3.3	SR5	11/28/2018 18:15	23.10	85.6	6.11	4.3
SR5	11/28/2018 0:20	23.17	85.6	6.10	3.2	SR5	11/28/2018 6:20	23.10	88.0	6.27	2.8	SR5	11/28/2018 12:20	23.10	86.4	6.17	3.8	SR5	11/28/2018 18:20	23.06	84.3	6.01	2.5
SR5	11/28/2018 0:25	23.11	84.1	5.99	4.8	SR5	11/28/2018 6:25	23.12	85.5	6.36	5.0	SR5	11/28/2018 12:25	23.26	85.7	6.12	2.6	SR5	11/28/2018 18:25	23.09	85.4	6.09	1.6
SR5	11/28/2018 0:30	23.14	86.1	6.14	4.0	SR5	11/28/2018 6:30	23.03	89.5	6.72	7.8	SR5	11/28/2018 12:30	23.27	88.2	6.29	4.5	SR5	11/28/2018 18:30	23.12	84.5	6.03	4.5
SR5	11/28/2018 0:35	23.11	88.0	6.27	4.2	SR5	11/28/2018 6:35	22.96	92.4	6.95	4.3	SR5	11/28/2018 12:35	23.26	88.1	6.29	2.4	SR5	11/28/2018 18:35	23.14	86.9	6.20	3.7
SR5	11/28/2018 0:40	23.13	85.3	6.08	3.6	SR5	11/28/2018 6:40	22.86	92.2	6.95	4.5	SR5	11/28/2018 12:40	23.27	84.5	6.03	4.0	SR5	11/28/2018 18:40	23.13	87.6	6.25	3.5
SR5	11/28/2018 0:45	23.18	87.0	6.20	7.8	SR5	11/28/2018 6:45	22.87	88.9	6.66	3.3	SR5	11/28/2018 12:45	23.28	87.6	6.25	4.2	SR5	11/28/2018 18:45	23.09	88.4	6.31	3.7
SR5	11/28/2018 0:50	23.18	83.9	5.98	2.0	SR5	11/28/2018 6:50	22.66	92.0	6.99	4.4	SR5	11/28/2018 12:50	23.28	86.3	6.16	4.3	SR5	11/28/2018 18:50	23.07	85.2	6.08	4.3
SR5	11/28/2018 0:55	23.16	84.9	6.06	4.0	SR5	11/28/2018 6:55	22.69	93.9	7.11	4.4	SR5	11/28/2018 12:55	23.28	88.6	6.32	3.2	SR5	11/28/2018 18:55	23.11	84.1	6.00	2.1
SR5	11/28/2018 1:00	23.12	83.9	5.98	2.2	SR5	11/28/2018 7:00	22.68	95.6	7.24	5.4	SR5	11/28/2018 13:00	23.28	84.5	6.03	2.3	SR5	11/28/2018 19:00	23.10	88.1	6.29	4.3
SR5	11/28/2018 1:05	23.12	86.3	6.15	2.1	SR5	11/28/2018 7:05	22.64	95.9	7.27	3.7	SR5	11/28/2018 13:05	23.28	88.7	6.33	3.1	SR5	11/28/2018 19:05	23.06	87.8	6.27	2.7
SR5	11/28/2018 1:10	23.15	87.7	6.25	3.7	SR5	11/28/2018 7:10	22.61	93.5	7.09	3.7	SR5	11/28/2018 13:10	23.28	86.4	6.17	1.4	SR5	11/28/2018 19:10	23.08	84.7	6.05	2.7
SR5	11/28/2018 1:15	23.10	84.7	6.04	3.7	SR5	11/28/2018 7:15	22.61	93.9	7.13	3.9	SR5	11/28/2018 13:15	23.28	85.3	6.09	2.1	SR5	11/28/2018 19:15	23.11	87.7	6.26	5.0
SR5	11/28/2018 1:20	23.10	87.1	6.21	3.6	SR5	11/28/2018 7:20	22.49	93.9	7.14	3.7	SR5	11/28/2018 13:20	23.28	85.7	6.11	3.7	SR5	11/28/2018 19:20	23.11	85.1	6.08	1.8
SR5	11/28/2018 1:25	23.11	85.6	6.11	3.6	SR5	11/28/2018 7:25	22.50	95.2	7.23	4.4	SR5	11/28/2018 13:25	23.28	86.7	6.19	3.3	SR5	11/28/2018 19:25	23.12	86.9	6.21	2.7
SR5	11/28/2018 1:30	23.15	87.5	6.24	2.3	SR5	11/28/2018 7:30	22.45	92.7	7.08	3.4	SR5	11/28/2018 13:30	23.11	85.2	6.08	2.5	SR5	11/28/2018 19:30	23.04	85.8	6.13	2.7
SR5	11/28/2018 1:35	23.11	83.5	5.96	2.3	SR5	11/28/2018 7:35	22.42	93.4	7.13	2.7	SR5	11/28/2018 13:35	23.16	86.1	6.14	2.8	SR5	11/28/2018 19:35	23.05	84.8	6.05	4.6
SR5	11/28/2018 1:40	23.10	85.7	6.11	2.5	SR5	11/28/2018 7:40	22.96	91.4	6.87	4.6	SR5	11/28/2018 13:40	23.08	86.2	6.15	3.2	SR5	11/28/2018 19:40	23.12	86.2	6.16	3.3
SR5	11/28/2018 1:45	23.12	86.6	6.17	2.7	SR5	11/28/2018 7:45	22.82	95.8	7.23	5.2	SR5	11/28/2018 13:45	23.13	88.8	6.33	2.8	SR5	11/28/2018 19:45	23.04	87.6	6.25	3.3
SR5	11/28/2018 1:50	23.13	86.9	6.20	4.3	SR5	11/28/2018 7:50	22.82	94.0	7.10	3.5	SR5	11/28/2018 13:50	23.16	86.9	6.20	4.1	SR5	11/28/2018 19:50	23.08	84.1	6.00	2.4
SR5	11/28/2018 1:55	23.12	84.0	5.99	4.9	SR5	11/28/2018 7:55	22.55	94.3	7.17	2.5	SR5	11/28/2018 13:55	23.08	87.5	6.24	2.9	SR5	11/28/2018 19:55	23.11	86.6	6.19	3.5
SR5	11/28/2018 2:00	23.18	85.9	6.12	3.6	SR5	11/28/2018 8:00	23.00	91.0	6.83	2.8	SR5	11/28/2018 14:00	23.14	87.9	6.27	3.3	SR5	11/28/2018 20:00	23.07	88.5	6.32	2.5
SR5	11/28/2018 2:05	23.15	86.4	6.17	2.6	SR5	11/28/2018 8:05	22.49	94.3	7.18	4.7	SR5	11/28/2018 14:05	23.10	86.4	6.16	2.7	SR5	11/28/2018 20:05	23.09	85.1	6.08	2.8
SR5	11/28/2018 2:10	23.16	87.3	6.23	3.6	SR5	11/28/2018 8:10	22.33	92.6	7.08	3.6	SR5	11/28/2018 14:10	23.15	87.2	6.22	3.8	SR5	11/28/2018 20:10	23.03	87.4	6.24	2.0
SR5	11/28/2018 2:15	23.15	83.1	5.93	2.8	SR5	11/28/2018 8:15	22.91	94.1	7.09	4.2	SR5	11/28/2018 14:15	23.15	84.2	6.00	3.8	SR5	11/28/2018 20:15	23.07	86.6	6.18	2.6
SR5	11/28/2018 2:20	23.16	83.1	5.93	2.8	SR5	11/28/2018 8:20	22.32	92.4	7.08	4.5	SR5	11/28/2018 14:20	23.07	87.1	6.21	4.6	SR5	11/28/2018 20:20	23.05	88.8	6.34	2.1
SR5	11/28/2018 2:25	23.14	86.7	6.19	4.5	SR5	11/28/2018 8:25	22.52	91.5	6.96	4.0	SR5	11/28/2018 14:25	23.09	84.2	6.00	2.2	SR5	11/28/2018 20:25	23.07	85.4	6.10	3.1
SR5	11/28/2018 2:30	23.18	83.3	5.94	3.7	SR5	11/28/2018 8:30	22.76	94.0	7.09	3.1	SR5	11/28/2018 14:30	23.15	85.9	6.13	2.3	SR5	11/28/2018 20:30	23.12	86.0	6.14	1.3
SR5	11/28/2018 2:35	23.14	86.8	6.19	2.7	SR5	11/28/2018 8:35	22.47	95.9	7.29	2.4	SR5	11/28/2018 14:35	23.12	85.9	6.13	3.7	SR5	11/28/2018 20:35	23.07	88.2	6.30	4.0
SR5	11/28/2018 2:40	23.18	87.1	6.21	3.7	SR5	11/28/2018 8:40	22.69	91.0	6.90	2.0	SR5	11/28/2018 14:40	23.07	88.9	6.34	4.2	SR5	11/28/2018 20:40	23.06	85.5	6.11	3.4
SR5	11/28/2018 2:45	23.12	84.4	6.02	3.1	SR5	11/28/2018 8:45	22.43	91.6	6.98	2.5	SR5	11/28/2018 14:45	23.11	85.5	6.10	3.3	SR5	11/28/2018 20:45	23.05	87.4	6.24	3.9
SR5	11/28/2018 2:50	23.12	84.5	6.03	4.4	SR5	11/28/2018 8:50	23.03	89.0	6.69	3.2	SR5	11/28/2018 14:50	23.10	85.4	6.09	4.6	SR5	11/28/2018 20:50	23.08	86.2	6.15	1.7
SR5	11/28/2018 2:55	23.09	85.7	6.11	2.8	SR5	11/28/2018 8:55	23.01	87.8	6.60	2.3	SR5	11/28/2018 14:55	23.10	87.5	6.24	2.3	SR5	11/28/2018 20:55	23.08	86.8	6.20	1.8
SR5	11/28/2018 3:00	23.08	83.7	5.97	2.5	SR5	11/28/2018 9:00	22.71	91.0	6.91	4.8	SR5	11/28/2018 15:00	23.15	84.9	6.06	2.9	SR5	11/28/2018 21:00	23.10	87.8	6.27	4.5
SR5	11/28/2018 3:05	23.11	82.9	5.91	1.8	SR5	11/28/2018 9:05	23.08	90.5	6.78	5.6	SR5	11/28/2018 15:05	23.09	85.3	6.08	4.0	SR5	11/28/2018 21:05	23.10	86.1	6.14	3.5
SR5	11/28/2018 3:10	23.13	84.8	6.04	2.8	SR5	11/28/2018 9:10	23.02	86.5	6.49	3.4	SR5	11/28/2018 15:10	23.10	87.4	6.24	1.6	SR5	11/28/2018 21:10	23.05	87.6	6.25	2.6
SR5	11/28/2018 3:15	23.14	82.8	5.91	3.3	SR5	11/28/2018 9:15	23.07	86.0	6.17	3.4	SR5	11/28/2018 15:15	23.11	86.6	6.18	3.1	SR5	11/28/2018 21:15	23.11	86.5	6.17	2.4
SR5	11/28/2018 3:20	23.18	85.6	6.11	2.7	SR5	11/28/2018 9:20	23.08	86.2	6.33	2.6	SR5	11/28/2018 15:20	23.32	85.0	6.06	2.8	SR5	11/28/2018 21:20	23.10	84.8	6.05	3.1
SR5	11/28/2018 3:25	23.17	85.7	6.11	2.5	SR5	11/28/2018 9:25	23.02	83.6	6.19	**8.2**	SR5	11/28/2018 15:25	23.32	87.0	6.21	2.4	SR5	11/28/2018 21:25	23.12	83.9	5.99	1.6
SR5	11/28/2018 3:30	23.09	86.3	6.15	4.2	SR5	11/28/2018 9:30	23.07	85.3	6.33	6.2	SR5	11/28/2018 15:30	23.33	87.3	6.23	2.5	SR5	11/28/2018 21:30	23.11	87.6	6.25	5.0
SR5	11/28/2018 3:35	23.15	84.8	6.05	2.9	SR5	11/28/2018 9:35	23.02	86.6	6.19	2.5	SR5	11/28/2018 15:35	23.33	87.8	6.26	2.8	SR5	11/28/2018 21:35	23.05	88.4	6.31	1.9
SR5	11/28/2018 3:40	23.18	82.8	5.91	3.6	SR5	11/28/2018 9:40	23.08	85.6	6.12	4.4	SR5	11/28/2018 15:40	23.13	84.8	6.05	5.0	SR5	11/28/2018 21:40	23.13	85.8	6.12	1.6
SR5	11/28/2018 3:45	23.09	84.0	5.99	3.4	SR5	11/28/2018 9:45	22.99	88.6	6.35	3.3	SR5	11/28/2018 15:45	23.15	85.4	6.09	1.9	SR5	11/28/2018 21:45	23.11	87.1	6.22	2.9
SR5	11/28/2018 3:50	23.14	87.5	6.24	**8.5**	SR5	11/28/2018 9:50	23.10	88.9	6.35	1.9	SR5	11/28/2018 15:50	23.12	85.3	6.09	4.8	SR5	11/28/2018 21:50	23.12	85.8	6.12	4.6
SR5	11/28/2018 3:55	23.10	85.1	6.07	3.3	SR5	11/28/2018 9:55	23.03	87.0	6.22	1.6	SR5	11/28/2018 15:55	23.09	86.9	6.20	2.1	SR5	11/28/2018 21:55	23.08	87.5	6.24	3.2
SR5	11/28/2018 4:00	23.18	84.6	6.03	4.8	SR5	11/28/2018 10:00	23.10	88.7	6.33	3.9	SR5	11/28/2018 16:00	23.12	83.7	5.97	2.7	SR5	11/28/2018 22:00	23.14	86.0	6.13	4.0
SR5	11/28/2018 4:05	23.13	82.8	5.90	3.9	SR5	11/28/2018 10:05	23.05	86.7	6.19	2.0	SR5	11/28/2018 16:05	23.11	84.8	6.05	3.1	SR5	11/28/2018 22:05	23.07	84.0	5.99	4.7
SR5	11/28/2018 4:10	23.10	85.8	6.12	4.1	SR5	11/28/2018 10:10	23.07	88.6	6.33	2.1	SR5	11/28/2018 16:10	23.13	85.5	6.10	3.3	SR5	11/28/2018 22:10	23.07	88.0	6.28	2.7
SR5	11/28/2018 4:15	23.17	86.1	6.14	1.9	SR5	11/28/2018 10:15	23.09	89.2	6.37	3.4	SR5	11/28/2018 16:15	23.11	86.6	6.18	2.6	SR5	11/28/2018 22:15	23.08	86.2	6.15	2.5
SR5	11/28/2018 4:20	23.12	82.6	5.89	1.6	SR5	11/28/2018 10:20	23.05	87.1	6.22	2.8	SR5	11/28/2018 16:20	23.09	85.1	6.07	4.5	SR5	11/28/2018 22:20	23.13	88.3	6.30	3.1
SR5	11/28/2018 4:25	23.17	82.9	5.91	2.2	SR5	11/28/2018 10:25	23.17	85.7	6.12	3.2	SR5	11/28/2018 16:25	23.12	86.5	6.17	2.0	SR5	11/28/2018 22:25	23.11	87.2	6.22	1.8
SR5	11/28/2018 4:30	23.11	87.1	6.21	3.1	SR5	11/28/2018 10:30	23.18	90.3	6.45	4.0	SR5	11/28/2018 16:30	23.08	83.6	5.97	2.8	SR5	11/28/2018 22:30	23.04	84.5	6.03	2.9
SR5	11/28/2018 4:35	23.15	83.6	5.96	1.8	SR5	11/28/2018 10:35	23.17	85.6	6.11	3.2	SR5	11/28/2018 16:35	23.15	85.8	6.12	2.5	SR5	11/28/2018 22:35	23.07	86.2	6.15	2.5
SR5	11/28/2018 4:40	23.12	87.7	6.26	2.0	SR5	11/28/2018 10:40	23.11	86.2	6.15	3.7	SR5	11/28/2018 16:40	23.13	87.3	6.23	4.2	SR5	11/28/2018 22:40	23.11	84.7	6.04	2.8
SR5	11/28/2018 4:45	23.15	86.2	6.15	1.8	SR5	11/28/2018 10:45	23.05	86.5	6.18	3.4	SR5	11/28/2018 16:45	23.08	87.7	6.26	2.6	SR5	11/28/2018 22:45	23.14	83.9	5.98	3.3
SR5	11/28/2018 4:50	23.18	83.4	5.95	4.6	SR5	11/28/2018 10:50	23.11	89.2	6.37	2.8	SR5	11/28/2018 16:50	23.11	87.7	6.26	3.9	SR5	11/28/2018 22:50	23.08	84.9	6.06	1.6
SR5	11/28/2018 4:55	23.12	79.5	5.67	2.7	SR5	11/28/2018 10:55	23.07	87.3	6.24	3.7	SR5	11/28/2018 16:55	23.13	87.2	6.22	3.6	SR5	11/28/2018 22:55	23.13	84.4	6.02	4.6
SR5	11/28/2018 5:00	23.12	81.3	5.80	4.2	SR5	11/28/2018 11:00	23.04	85.3	6.09	3.7	SR5	11/28/2018 17:00	23.15	85.6	6.11	2.9	SR5	11/28/2018 23:00	23.10	85.9	6.13	2.6
SR5	11/28/2018 5:05	23.17	85.1	6.07	2.9	SR5	11/28/2018 11:05	23.10	88.2	6.30	2.5	SR5	11/28/2018 17:05	23.15	85.2	6.08	2.5	SR5	11/28/2018 23:05	23.06	86.2	6.15	3.3
SR5	11/28/2018 5:10	23.14	83.0	5.92	2.7	SR5	11/28/2018 11:10	23.06	85.5	6.10	2.3	SR5	11/28/2018 17:10	23.13	84.3	6.01	3.0	SR5	11/28/2018 23:10	23.07	85.8	6.12	2.2
SR5	11/28/2018 5:15	23.12	85.2	6.08	5.0	SR5	11/28/2018 11:15	23.11	87.2	6.22	3.7	SR5	11/28/2018 17:15	23.10	83.9	5.98	3.3	SR5	11/28/2018 23:15	23.10	86.0	6.14	4.4
SR5	11/28/2018 5:20	23.16	84.6	6.04	4.4	SR5	11/28/2018 11:20	23.15	89.3	6.37	4.1	SR5	11/28/2018 17:20	23.10	87.0	6.20	2.7	SR5	11/28/2018 23:20	23.09	84.6	6.04	2.8
SR5	11/28/2018 5:25	23.13	86.1	6.14	3.7	SR5	11/28/2018 11:25	23.15	85.2	6.08	3.7	SR5	11/28/2018 17:25	23.10	88.2	6.29	3.8	SR5	11/28/2018 23:25	23.07	82.9	5.92	4.6
SR5	11/28/2018 5:30	23.17	86.1	6.14	4.2	SR5	11/28/2018 11:30	23.17	85.2	6.08	3.9	SR5	11/28/2018 17:30	23.09	85.6	6.11	1.4	SR5	11/28/2018 23:30	23.05	86.0	6.13	2.8
SR5	11/28/2018 5:35	23.13	87.8	6.26	3.7	SR5	11/28/2018 11:35	23.17	88.5	6.31	2.3	SR5	11/28/2018 17:35	23.09	87.2	6.22	2.7	SR5	11/28/2018 23:35	23.13	85.1	6.07	2.9
SR5	11/28/2018 5:40	23.08	87.1	6.21	2.6	SR5	11/28/2018 11:40	23.19	88.5	6.32	2.0	SR5	11/28/2018 17:40	23.12	88.3	6.30	3.7	SR5	11/28/2018 23:40	23.11	87.8	6.26	3.6
SR5	11/28/2018 5:45	23.12	87.0	6.21	2.8	SR5	11/28/2018 11:45	23.14	88.9	6.34	3.3	SR5	11/28/2018 17:45	23.13	84.2	6.01	1.6	SR5	11/28/2018 23:45	23.11	86.6	6.18	2.8
SR5	11/28/2018 5:50	23.11	86.7	6.18	2.7	SR5	11/28/2018 11:50	23.09	87.4	6.24	2.5	SR5	11/28/2018 17:50	23.08	87.7	6.26	4.4	SR5	11/28/2018 23:50	23.08	85.9	6.13	2.5
SR5	11/28/2018 5:55	23.09	85.1	6.07	3.6	SR5	11/28/2018 11:55	23.11	85.0	6.06	2.8	SR5	11/28/2018 17:55	23.13	85.4	6.09	3.2	SR5	11/28/2018 23:55	23.08	84.0	5.99	2.4

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	11/28/2018 0:01	23.76	75.0	5.28	4.0	SR12	11/28/2018 6:01	23.59	81.8	5.78	5.0	SR12	11/28/2018 12:01	23.63	77.9	5.50	1.6	SR12	11/28/2018 18:01	23.61	77.3	5.47	3.1
SR12	11/28/2018 0:06	23.73	75.1	5.29	4.0	SR12	11/28/2018 6:06	23.58	81.5	5.76	4.8	SR12	11/28/2018 12:06	23.62	77.8	5.50	3.0	SR12	11/28/2018 18:06	23.60	77.3	5.47	4.7
SR12	11/28/2018 0:11	23.72	75.2	5.30	4.3	SR12	11/28/2018 6:11	23.59	81.6	5.77	4.7	SR12	11/28/2018 12:11	23.62	77.5	5.48	1.5	SR12	11/28/2018 18:11	23.59	78.4	5.54	1.6
SR12	11/28/2018 0:16	23.72	75.4	5.31	4.7	SR12	11/28/2018 6:16	23.59	81.4	5.75	3.3	SR12	11/28/2018 12:16	23.62	77.4	5.47	3.0	SR12	11/28/2018 18:16	23.60	77.5	5.48	8.2
SR12	11/28/2018 0:21	23.72	75.0	5.28	1.1	SR12	11/28/2018 6:21	23.59	81.8	5.78	4.4	SR12	11/28/2018 12:21	23.62	77.5	5.48	3.9	SR12	11/28/2018 18:21	23.60	76.8	5.43	2.6
SR12	11/28/2018 0:26	23.72	75.4	5.31	4.6	SR12	11/28/2018 6:26	23.58	81.8	5.79	3.1	SR12	11/28/2018 12:26	23.62	76.9	5.43	3.1	SR12	11/28/2018 18:26	23.58	78.6	5.56	2.4
SR12	11/28/2018 0:31	23.72	75.2	5.30	1.8	SR12	11/28/2018 6:31	23.59	82.0	5.80	4.1	SR12	11/28/2018 12:31	23.62	77.3	5.46	5.1	SR12	11/28/2018 18:31	23.59	77.8	5.50	4.4
SR12	11/28/2018 0:36	23.72	75.4	5.31	3.7	SR12	11/28/2018 6:36	23.62	81.6	5.76	4.8	SR12	11/28/2018 12:36	23.63	77.3	5.46	2.6	SR12	11/28/2018 18:36	23.58	77.9	5.51	1.2
SR12	11/28/2018 0:41	23.72	75.3	5.31	1.9	SR12	11/28/2018 6:41	23.60	81.3	5.74	4.2	SR12	11/28/2018 12:41	23.62	77.2	5.46	4.5	SR12	11/28/2018 18:41	23.59	77.8	5.50	2.4
SR12	11/28/2018 0:46	23.75	75.4	5.31	**15.3**	SR12	11/28/2018 6:46	23.58	81.7	5.78	5.4	SR12	11/28/2018 12:46	23.66	77.4	5.46	3.3	SR12	11/28/2018 18:46	23.59	77.1	5.45	3.8
SR12	11/28/2018 0:51	23.73	75.0	5.29	2.9	SR12	11/28/2018 6:51	23.58	81.7	5.78	5.1	SR12	11/28/2018 12:51	23.64	76.3	5.39	3.7	SR12	11/28/2018 18:51	23.59	76.9	5.44	3.3
SR12	11/28/2018 0:56	23.68	75.9	5.36	3.0	SR12	11/28/2018 6:56	23.58	81.6	5.77	4.9	SR12	11/28/2018 12:56	23.66	77.0	5.43	2.0	SR12	11/28/2018 18:56	23.59	77.1	5.45	1.6
SR12	11/28/2018 1:01	23.69	75.6	5.34	2.0	SR12	11/28/2018 7:01	23.58	81.1	5.73	4.7	SR12	11/28/2018 13:01	23.64	77.1	5.45	3.1	SR12	11/28/2018 19:01	23.59	77.1	5.45	4.8
SR12	11/28/2018 1:06	23.69	74.9	5.28	2.0	SR12	11/28/2018 7:06	23.57	81.4	5.76	4.8	SR12	11/28/2018 13:06	23.62	77.2	5.45	3.2	SR12	11/28/2018 19:06	23.59	76.7	5.42	2.1
SR12	11/28/2018 1:11	23.69	74.7	5.27	1.5	SR12	11/28/2018 7:11	23.58	81.2	5.74	4.0	SR12	11/28/2018 13:11	23.63	76.8	5.42	1.8	SR12	11/28/2018 19:11	23.59	76.5	5.41	5.2
SR12	11/28/2018 1:16	23.70	74.8	5.27	1.1	SR12	11/28/2018 7:16	23.58	81.3	5.75	5.2	SR12						SR12	11/28/2018 19:16	23.59	76.7	5.43	4.4
SR12	11/28/2018 1:21	23.70	75.0	5.29	3.4	SR12	11/28/2018 7:21	23.57	82.1	5.81	4.1	SR12						SR12	11/28/2018 19:21	23.59	76.3	5.40	3.3
SR12	11/28/2018 1:26	23.70	75.0	5.29	1.8	SR12	11/28/2018 7:26	23.61	81.7	5.77	5.8	SR12						SR12	11/28/2018 19:26	23.59	75.8	5.36	3.6
SR12	11/28/2018 1:31	23.74	75.3	5.31	1.4	SR12	11/28/2018 7:31	23.58	81.7	5.78	5.4	SR12						SR12	11/28/2018 19:31	23.59	76.4	5.41	2.4
SR12	11/28/2018 1:36	23.71	75.5	5.33	5.2	SR12	11/28/2018 7:36	23.56	81.4	5.76	3.2	SR12						SR12	11/28/2018 19:36	23.59	76.4	5.40	4.9
SR12	11/28/2018 1:41	23.70	75.0	5.29	2.0	SR12	11/28/2018 7:41	23.56	82.3	5.83	6.8	SR12						SR12	11/28/2018 19:41	23.59	75.9	5.37	2.1
SR12	11/28/2018 1:46	23.71	75.2	5.30	2.6	SR12	11/28/2018 7:46	23.56	82.1	5.81	6.1	SR12						SR12	11/28/2018 19:46	23.59	76.2	5.39	4.2
SR12	11/28/2018 1:51	23.71	75.3	5.31	2.2	SR12	11/28/2018 7:51	23.56	82.1	5.80	4.7	SR12						SR12	11/28/2018 19:51	23.58	75.9	5.37	1.9
SR12	11/28/2018 1:56	23.71	74.7	5.27	3.8	SR12	11/28/2018 7:56	23.55	81.7	5.78	3.6	SR12						SR12	11/28/2018 19:56	23.58	75.9	5.37	4.4
SR12	11/28/2018 2:01	23.71	75.1	5.30	2.2	SR12	11/28/2018 8:01	23.56	82.2	5.82	6.9	SR12						SR12	11/28/2018 20:01	23.58	76.9	5.44	1.2
SR12	11/28/2018 2:06	23.69	76.6	5.41	3.3	SR12	11/28/2018 8:06	23.54	82.7	5.85	4.7	SR12						SR12	11/28/2018 20:06	23.58	76.9	5.44	4.8
SR12	11/28/2018 2:11	23.74	75.5	5.32	5.5	SR12	11/28/2018 8:11	23.55	81.9	5.80	6.4	SR12						SR12	11/28/2018 20:11	23.58	77.4	5.48	3.0
SR12	11/28/2018 2:16	23.71	75.6	5.33	3.8	SR12	11/28/2018 8:16	23.54	82.3	5.83	3.4	SR12						SR12	11/28/2018 20:16	23.58	76.7	5.43	2.8
SR12	11/28/2018 2:21	23.71	75.0	5.29	5.4	SR12	11/28/2018 8:21	23.55	82.0	5.80	4.6	SR12						SR12	11/28/2018 20:21	23.58	76.1	5.39	2.5
SR12	11/28/2018 2:26	23.69	76.9	5.43	3.7	SR12	11/28/2018 8:26	23.54	82.4	5.83	2.3	SR12	11/28/2018 14:26	23.63	77.2	5.45	2.7	SR12	11/28/2018 20:26	23.59	76.2	5.39	1.4
SR12	11/28/2018 2:31	23.69	76.7	5.41	2.5	SR12	11/28/2018 8:31	23.54	82.1	5.81	2.5	SR12	11/28/2018 14:31	23.63	77.3	5.46	3.0	SR12	11/28/2018 20:31	23.58	77.0	5.44	1.8
SR12	11/28/2018 2:36	23.69	76.1	5.37	1.9	SR12	11/28/2018 8:36	23.54	82.2	5.82	3.3	SR12	11/28/2018 14:36	23.63	77.2	5.45	4.7	SR12	11/28/2018 20:36	23.58	76.4	5.40	2.6
SR12	11/28/2018 2:41	23.69	75.9	5.35	4.9	SR12	11/28/2018 8:41	23.55	81.9	5.80	2.8	SR12	11/28/2018 14:41	23.63	77.5	5.47	4.0	SR12	11/28/2018 20:41	23.59	75.6	5.34	2.5
SR12	11/28/2018 2:46	23.69	76.5	5.40	2.2	SR12	11/28/2018 8:46	23.55	81.8	5.79	2.9	SR12	11/28/2018 14:46	23.63	76.6	5.41	3.4	SR12	11/28/2018 20:46	23.59	76.1	5.38	7.3
SR12	11/28/2018 2:51	23.68	76.9	5.43	2.1	SR12	11/28/2018 8:51	23.59	79.8	5.78	4.1	SR12	11/28/2018 14:51	23.63	76.4	5.40	4.4	SR12	11/28/2018 20:51	23.59	75.7	5.35	2.1
SR12	11/28/2018 2:56	23.68	76.4	5.39	2.1	SR12	11/28/2018 8:56	23.61	80.2	5.81	4.7	SR12	11/28/2018 14:56	23.63	75.6	5.34	2.5	SR12	11/28/2018 20:56	23.59	75.3	5.32	2.0
SR12	11/28/2018 3:01	23.69	76.1	5.37	3.2	SR12	11/28/2018 9:01	23.60	80.2	5.81	3.1	SR12	11/28/2018 15:01	23.62	75.9	5.36	2.0	SR12	11/28/2018 21:01	23.59	76.1	5.38	1.9
SR12	11/28/2018 3:06	23.69	76.0	5.36	2.3	SR12	11/28/2018 9:06	23.60	80.2	5.81	3.8	SR12	11/28/2018 15:06	23.63	76.8	5.42	1.4	SR12	11/28/2018 21:06	23.59	75.8	5.36	1.7
SR12	11/28/2018 3:11	23.69	75.7	5.34	4.2	SR12	11/28/2018 9:11	23.59	79.8	5.78	3.5	SR12	11/28/2018 15:11	23.63	76.9	5.43	2.2	SR12	11/28/2018 21:11	23.60	76.2	5.38	1.6
SR12	11/28/2018 3:16	23.69	75.7	5.34	3.0	SR12	11/28/2018 9:16	23.60	80.2	5.81	3.2	SR12	11/28/2018 15:16	23.63	76.7	5.42	2.2	SR12	11/28/2018 21:16	23.59	76.2	5.38	3.0
SR12	11/28/2018 3:21	23.69	75.6	5.33	3.4	SR12	11/28/2018 9:21	23.59	79.8	5.78	3.9	SR12	11/28/2018 15:21	23.63	76.4	5.40	3.6	SR12	11/28/2018 21:21	23.59	76.1	5.37	5.0
SR12	11/28/2018 3:26	23.69	75.3	5.31	1.1	SR12	11/28/2018 9:26	23.60	79.9	5.79	3.1	SR12	11/28/2018 15:26	23.56	78.5	5.56	2.4	SR12	11/28/2018 21:26	23.62	75.8	5.35	2.5
SR12	11/28/2018 3:31	23.70	74.9	5.29	3.0	SR12	11/28/2018 9:31	23.61	79.6	5.77	4.7	SR12	11/28/2018 15:31	23.62	76.3	5.40	1.7	SR12	11/28/2018 21:31	23.61	76.8	5.43	6.8
SR12	11/28/2018 3:36	23.70	75.7	5.34	2.6	SR12	11/28/2018 9:36	23.62	81.7	5.78	5.4	SR12	11/28/2018 15:36	23.63	75.7	5.35	1.4	SR12	11/28/2018 21:36	23.59	76.5	5.41	2.6
SR12	11/28/2018 3:41	23.70	75.3	5.32	3.2	SR12	11/28/2018 9:41	23.58	81.1	5.74	4.3	SR12	11/28/2018 15:41	23.60	76.0	5.38	4.2	SR12	11/28/2018 21:41	23.59	76.0	5.37	2.8
SR12	11/28/2018 3:46	23.67	76.6	5.41	4.3	SR12	11/28/2018 9:46	23.57	81.5	5.76	4.4	SR12	11/28/2018 15:46	23.61	76.3	5.40	1.3	SR12	11/28/2018 21:46	23.59	75.9	5.36	5.5
SR12	11/28/2018 3:51	23.67	76.8	5.43	**22.9**	SR12	11/28/2018 9:51	23.56	81.7	5.78	3.7	SR12	11/28/2018 15:51	23.63	77.4	5.47	7.7	SR12	11/28/2018 21:51	23.59	76.2	5.38	3.2
SR12	11/28/2018 3:56	23.68	76.0	5.36	4.9	SR12	11/28/2018 9:56	23.55	81.5	5.77	2.7	SR12	11/28/2018 15:56	23.63	77.2	5.46	2.5	SR12	11/28/2018 21:56	23.62	76.6	5.41	2.6
SR12	11/28/2018 4:01	23.69	75.6	5.33	4.8	SR12	11/28/2018 10:01	23.57	80.7	5.71	3.7	SR12	11/28/2018 16:01	23.63	77.7	5.49	1.3	SR12	11/28/2018 22:01	23.60	75.6	5.34	9.4
SR12	11/28/2018 4:06	23.69	75.8	5.35	1.9	SR12	11/28/2018 10:06	23.57	80.6	5.70	2.4	SR12	11/28/2018 16:06	23.63	77.1	5.45	2.2	SR12	11/28/2018 22:06	23.59	75.7	5.35	2.4
SR12	11/28/2018 4:11	23.69	75.4	5.32	2.1	SR12	11/28/2018 10:11	23.57	80.6	5.70	2.8	SR12	11/28/2018 16:11	23.63	77.0	5.44	3.0	SR12	11/28/2018 22:11	23.59	76.4	5.40	3.5
SR12	11/28/2018 4:16	23.68	75.9	5.36	1.2	SR12	11/28/2018 10:16	23.57	80.4	5.69	3.5	SR12	11/28/2018 16:16	23.63	77.0	5.44	3.9	SR12	11/28/2018 22:16	23.58	76.4	5.40	4.6
SR12	11/28/2018 4:21	23.69	75.6	5.33	2.4	SR12	11/28/2018 10:21	23.58	79.8	5.64	2.1	SR12	11/28/2018 16:21	23.63	76.6	5.41	3.2	SR12	11/28/2018 22:21	23.58	76.5	5.41	1.4
SR12	11/28/2018 4:26	23.69	75.0	5.29	2.9	SR12	11/28/2018 10:26	23.59	79.5	5.62	1.9	SR12	11/28/2018 16:26	23.62	77.1	5.44	1.7	SR12	11/28/2018 22:26	23.58	76.2	5.38	1.3
SR12	11/28/2018 4:31	23.67	76.8	5.42	5.5	SR12	11/28/2018 10:31	23.58	80.0	5.66	2.3	SR12	11/28/2018 16:31	23.62	77.5	5.48	3.4	SR12	11/28/2018 22:31	23.59	76.2	5.38	2.9
SR12	11/28/2018 4:36	23.65	77.9	5.51	1.3	SR12	11/28/2018 10:36	23.58	80.0	5.66	2.1	SR12	11/28/2018 16:36	23.62	77.5	5.48	2.5	SR12	11/28/2018 22:36	23.58	76.1	5.38	1.2
SR12	11/28/2018 4:41	23.65	78.7	5.56	3.3	SR12	11/28/2018 10:41	23.58	80.1	5.66	3.4	SR12	11/28/2018 16:41	23.62	77.8	5.50	4.4	SR12	11/28/2018 22:41	23.61	76.3	5.39	1.2
SR12	11/28/2018 4:46	23.65	78.1	5.51	1.6	SR12	11/28/2018 10:46	23.58	79.7	5.64	1.7	SR12	11/28/2018 16:46	23.62	77.3	5.46	5.4	SR12	11/28/2018 22:46	23.60	76.1	5.38	4.5
SR12	11/28/2018 4:51	23.67	76.7	5.42	1.5	SR12	11/28/2018 10:51	23.60	79.7	5.63	1.6	SR12	11/28/2018 16:51	23.62	77.5	5.48	2.5	SR12	11/28/2018 22:51	23.58	76.0	5.37	2.1
SR12	11/28/2018 4:56	23.67	76.7	5.41	2.2	SR12	11/28/2018 10:56	23.58	79.1	5.60	1.4	SR12	11/28/2018 16:56	23.62	77.1	5.45	3.3	SR12	11/28/2018 22:56	23.58	76.2	5.39	4.0
SR12	11/28/2018 5:01	23.65	78.1	5.52	3.1	SR12	11/28/2018 11:01	23.58	79.1	5.59	4.3	SR12	11/28/2018 17:01	23.62	76.8	5.43	3.4	SR12	11/28/2018 23:01	23.58	75.7	5.35	1.3
SR12	11/28/2018 5:06	23.63	78.8	5.57	1.6	SR12	11/28/2018 11:06	23.57	79.1	5.59	1.4	SR12	11/28/2018 17:06	23.62	76.9	5.44	2.3	SR12	11/28/2018 23:06	23.57	76.3	5.39	2.2
SR12	11/28/2018 5:11	23.63	78.9	5.58	2.5	SR12	11/28/2018 11:11	23.58	79.6	5.63	1.5	SR12	11/28/2018 17:11	23.62	76.6	5.41	4.9	SR12	11/28/2018 23:11	23.58	75.7	5.35	3.1
SR12	11/28/2018 5:16	23.63	79.3	5.60	5.9	SR12	11/28/2018 11:16	23.58	79.2	5.60	1.6	SR12	11/28/2018 17:16	23.61	76.7	5.42	1.5	SR12	11/28/2018 23:16	23.58	75.5	5.34	**10.6**
SR12	11/28/2018 5:21	23.63	78.4	5.54	3.2	SR12	11/28/2018 11:21	23.58	78.8	5.57	2.1	SR12	11/28/2018 17:21	23.60	77.9	5.51	2.2	SR12	11/28/2018 23:21	23.57	75.0	5.30	2.1
SR12	11/28/2018 5:26	23.62	79.0	5.58	9.6	SR12	11/28/2018 11:26	23.58	79.2	5.60	1.1	SR12	11/28/2018 17:26	23.60	77.6	5.49	5.4	SR12	11/28/2018 23:26	23.58	75.8	5.36	4.2
SR12	11/28/2018 5:31	23.61	79.7	5.64	6.8	SR12	11/28/2018 11:31	23.59	78.6	5.56	2.9	SR12	11/28/2018 17:31	23.60	77.7	5.49	1.2	SR12	11/28/2018 23:31	23.58	76.2	5.39	3.8
SR12	11/28/2018 5:36	23.60	80.4	5.68	3.3	SR12	11/28/2018 11:36	23.60	78.5	5.55	1.3	SR12	11/28/2018 17:36	23.60	77.8	5.50	1.8	SR12	11/28/2018 23:36	23.58	76.0	5.37	3.6
SR12	11/28/2018 5:41	23.61	80.4	5.68	5.5	SR12	11/28/2018 11:41	23.59	78.4	5.54	1.8	SR12	11/28/2018 17:41	23.60	77.4	5.47	1.8	SR12	11/28/2018 23:41	23.58	75.4	5.33	4.4
SR12	11/28/2018 5:46	23.61	80.4	5.68	3.5	SR12	11/28/2018 11:46	23.60	78.4	5.54	5.2	SR12	11/28/2018 17:46	23.60	78.1	5.52	1.9	SR12	11/28/2018 23:46	23.58	75.6	5.34	4.6
SR12	11/28/2018 5:51	23.60	80.6	5.69	3.1	SR12	11/28/2018 11:51	23.64	77.9	5.50	5.2	SR12	11/28/2018 17:51	23.59	78.0	5.52	3.6	SR12	11/28/2018 23:51	23.58	76.2	5.39	5.0
SR12	11/28/2018 5:56	23.60	80.5	5.69	3.7	SR12	11/28/2018 11:56	23.65	77.8	5.49	2.2	SR12	11/28/2018 17:56	23.60	77.8	5.50	5.1	SR12	11/28/2018 23:56	23.58	75.9	5.36	3.3

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	11/28/2018 0:00	23.07	83.1	5.91	7.2	SR13	11/28/2018 6:00	23.03	84.9	6.04	7.4	SR13	11/28/2018 12:00	23.03	85.4	6.08	6.5	SR13	11/28/2018 18:00	23.01	82.7	5.89	5.9
SR13	11/28/2018 0:05	23.06	82.8	5.89	7.3	SR13	11/28/2018 6:05	23.05	83.8	5.97	6.3	SR13	11/28/2018 12:05	23.03	85.5	6.09	5.3	SR13	11/28/2018 18:05	23.01	83.1	5.92	6.1
SR13	11/28/2018 0:10	23.05	82.4	5.87	6.6	SR13	11/28/2018 6:10	23.04	84.7	6.03	8.6	SR13	11/28/2018 12:10	23.02	84.0	5.99	5.1	SR13	11/28/2018 18:10	22.99	83.7	5.96	7.8
SR13	11/28/2018 0:15	23.07	83.3	5.92	6.2	SR13	11/28/2018 6:15	23.04	85.1	6.06	6.8	SR13	11/28/2018 12:15	23.03	84.9	6.05	5.6	SR13	11/28/2018 18:15	23.01	82.2	5.85	5.8
SR13	11/28/2018 0:20	23.07	83.2	5.92	5.5	SR13	11/28/2018 6:20	23.03	85.1	6.06	5.8	SR13	11/28/2018 12:20	23.03	85.4	6.08	6.0	SR13	11/28/2018 18:20	23.01	83.8	5.97	6.0
SR13	11/28/2018 0:25	23.05	82.7	5.89	6.3	SR13	11/28/2018 6:25	23.02	85.9	6.12	6.1	SR13	11/28/2018 12:25	23.03	84.5	6.02	6.4	SR13	11/28/2018 18:25	23.01	84.0	5.98	6.7
SR13	11/28/2018 0:30	23.05	82.1	5.85	6.5	SR13	11/28/2018 6:30	23.03	85.6	6.10	5.1	SR13	11/28/2018 12:30	23.02	84.9	6.04	7.6	SR13	11/28/2018 18:30	23.01	82.0	5.84	5.7
SR13	11/28/2018 0:35	23.06	83.0	5.91	4.7	SR13	11/28/2018 6:35	23.02	85.2	6.07	5.2	SR13	11/28/2018 12:35	23.02	84.5	6.02	7.3	SR13	11/28/2018 18:35	23.00	82.8	5.90	6.6
SR13	11/28/2018 0:40	23.06	82.5	5.87	5.0	SR13	11/28/2018 6:40	23.02	84.5	6.02	5.6	SR13	11/28/2018 12:40	23.02	84.1	5.99	7.1	SR13	11/28/2018 18:40	23.01	82.7	5.89	7.9
SR13	11/28/2018 0:45	23.06	83.6	5.95	7.0	SR13	11/28/2018 6:45	23.04	85.9	6.12	5.6	SR13	11/28/2018 12:45	23.02	83.9	5.97	6.6	SR13	11/28/2018 18:45	23.00	83.0	5.92	7.0
SR13	11/28/2018 0:50	23.05	84.0	5.98	6.3	SR13	11/28/2018 6:50	23.03	85.7	6.11	6.9	SR13	11/28/2018 12:50	23.02	83.3	5.94	6.9	SR13	11/28/2018 18:50	22.99	82.4	5.87	6.7
SR13	11/28/2018 0:55	23.03	83.8	5.97	4.9	SR13	11/28/2018 6:55	23.03	86.3	6.15	6.4	SR13	11/28/2018 12:55	23.02	84.4	6.01	6.2	SR13	11/28/2018 18:55	22.99	82.3	5.86	7.1
SR13	11/28/2018 1:00	23.04	82.9	5.90	6.7	SR13	11/28/2018 7:00	23.03	85.6	6.09	6.0	SR13	11/28/2018 13:00	23.02	84.4	6.01	6.9	SR13	11/28/2018 19:00	23.00	83.4	5.94	8.3
SR13	11/28/2018 1:05	23.04	83.2	5.92	4.6	SR13	11/28/2018 7:05	23.03	85.7	6.10	7.0	SR13	11/28/2018 13:05	23.01	83.6	5.96	7.8	SR13	11/28/2018 19:05	23.00	83.0	5.91	6.4
SR13	11/28/2018 1:10	23.03	82.7	5.88	6.9	SR13	11/28/2018 7:10	23.03	85.2	6.14	6.4	SR13	11/28/2018 13:10	23.06	83.8	5.97	6.2	SR13	11/28/2018 19:10	23.00	83.2	5.93	7.0
SR13	11/28/2018 1:15	23.04	83.4	5.93	6.2	SR13	11/28/2018 7:15	23.00	86.0	6.21	7.7	SR13	11/28/2018 13:15	23.06	83.8	5.97	8.0	SR13	11/28/2018 19:15	23.01	82.7	5.89	8.2
SR13	11/28/2018 1:20	23.03	83.6	5.95	6.8	SR13	11/28/2018 7:20	22.99	86.9	6.28	7.7	SR13	11/28/2018 13:20	23.06	83.5	5.95	6.2	SR13	11/28/2018 19:20	23.01	83.2	5.93	7.1
SR13	11/28/2018 1:25	23.03	83.6	5.96	5.8	SR13	11/28/2018 7:25	22.96	86.3	6.24	6.8	SR13	11/28/2018 13:25	23.06	83.6	5.96	6.6	SR13	11/28/2018 19:25	23.01	83.9	5.98	7.5
SR13	11/28/2018 1:30	23.05	84.4	6.01	10.7	SR13	11/28/2018 7:30	22.96	86.7	6.26	6.9	SR13	11/28/2018 13:30	23.07	83.6	5.95	7.0	SR13	11/28/2018 19:30	22.99	84.1	5.99	6.9
SR13	11/28/2018 1:35	23.04	83.0	5.91	4.8	SR13	11/28/2018 7:35	22.98	86.4	6.26	6.0	SR13	11/28/2018 13:35	23.07	82.9	5.91	7.9	SR13	11/28/2018 19:35	22.99	82.0	5.84	7.2
SR13	11/28/2018 1:40	23.02	82.9	5.91	5.2	SR13	11/28/2018 7:40	22.96	87.0	6.30	6.6	SR13	11/28/2018 13:40	23.07	84.5	6.02	6.7	SR13	11/28/2018 19:40	23.00	81.9	5.84	6.3
SR13	11/28/2018 1:45	23.02	83.5	5.95	4.2	SR13	11/28/2018 7:45	22.94	87.3	6.33	8.1	SR13	11/28/2018 13:45	23.07	83.3	5.94	6.2	SR13	11/28/2018 19:45	23.00	83.0	5.92	7.8
SR13	11/28/2018 1:50	23.03	83.2	5.93	6.0	SR13	11/28/2018 7:50	22.94	87.8	6.36	7.4	SR13	11/28/2018 13:50	23.06	84.0	5.98	6.8	SR13	11/28/2018 19:50	22.99	83.6	5.96	6.8
SR13	11/28/2018 1:55	23.02	83.6	5.95	4.6	SR13	11/28/2018 7:55	22.93	87.5	6.34	6.2	SR13	11/28/2018 13:55	23.06	83.7	5.97	5.6	SR13	11/28/2018 19:55	23.00	82.1	5.85	7.6
SR13	11/28/2018 2:00	23.02	83.5	5.95	5.6	SR13	11/28/2018 8:00	22.92	87.1	6.31	7.8	SR13	11/28/2018 14:00	23.07	83.8	5.97	6.8	SR13	11/28/2018 20:00	23.00	82.8	5.90	7.1
SR13	11/28/2018 2:05	23.02	84.3	6.00	6.6	SR13	11/28/2018 8:05	22.89	87.4	6.34	7.4	SR13	11/28/2018 14:05	23.07	83.1	5.92	7.0	SR13	11/28/2018 20:05	23.00	82.9	5.91	7.0
SR13	11/28/2018 2:10	23.03	84.0	5.98	5.0	SR13	11/28/2018 8:10	22.90	87.8	6.36	6.2	SR13	11/28/2018 14:10	23.06	83.0	5.92	5.9	SR13	11/28/2018 20:10	23.01	82.5	5.88	6.6
SR13	11/28/2018 2:15	23.04	84.4	6.01	5.6	SR13	11/28/2018 8:15	22.88	87.3	6.34	5.9	SR13	11/28/2018 14:15	23.02	83.7	5.96	7.1	SR13	11/28/2018 20:15	22.99	81.9	5.84	6.3
SR13	11/28/2018 2:20	23.03	83.5	5.95	6.2	SR13	11/28/2018 8:20	22.86	87.7	6.37	6.1	SR13	11/28/2018 14:20	23.04	84.2	5.99	6.2	SR13	11/28/2018 20:20	22.99	82.5	5.88	7.7
SR13	11/28/2018 2:25	23.02	83.3	5.93	5.9	SR13	11/28/2018 8:25	23.00	87.4	6.32	8.1	SR13	11/28/2018 14:25	23.01	83.8	5.97	6.5	SR13	11/28/2018 20:25	23.01	83.0	5.92	6.9
SR13	11/28/2018 2:30	23.03	83.9	5.97	5.0	SR13	11/28/2018 8:30	22.97	87.4	6.33	6.4	SR13	11/28/2018 14:30	23.03	84.5	6.02	6.7	SR13	11/28/2018 20:30	22.99	82.6	5.88	7.4
SR13	11/28/2018 2:35	23.02	83.3	5.94	6.0	SR13	11/28/2018 8:35	22.96	88.0	6.36	6.7	SR13	11/28/2018 14:35	23.04	83.2	5.93	8.2	SR13	11/28/2018 20:35	22.99	82.5	5.88	6.9
SR13	11/28/2018 2:40	23.01	83.3	5.93	6.2	SR13	11/28/2018 8:40	22.89	87.7	6.36	6.4	SR13	11/28/2018 14:40	23.02	82.8	5.90	6.4	SR13	11/28/2018 20:40	23.00	82.0	5.85	7.1
SR13	11/28/2018 2:45	23.05	83.9	5.97	6.3	SR13	11/28/2018 8:45	23.00	86.4	6.24	6.6	SR13	11/28/2018 14:45	23.03	84.3	6.01	6.6	SR13	11/28/2018 20:45	22.99	83.4	5.94	6.0
SR13	11/28/2018 2:50	23.03	83.7	5.96	4.9	SR13	11/28/2018 8:50	22.87	87.9	6.38	6.8	SR13	11/28/2018 14:50	23.02	84.2	6.00	7.2	SR13	11/28/2018 20:50	23.00	83.0	5.92	6.4
SR13	11/28/2018 2:55	23.05	84.7	6.03	6.4	SR13	11/28/2018 8:55	22.83	87.4	6.35	7.4	SR13	11/28/2018 14:55	23.03	84.2	6.00	6.4	SR13	11/28/2018 20:55	22.98	83.4	5.95	7.1
SR13	11/28/2018 3:00	23.04	82.9	5.90	6.5	SR13	11/28/2018 9:00	22.98	87.2	6.31	5.5	SR13	11/28/2018 15:00	23.03	83.3	5.93	7.3	SR13	11/28/2018 21:00	22.99	83.4	5.94	6.0
SR13	11/28/2018 3:05	23.04	83.0	5.91	6.3	SR13	11/28/2018 9:05	22.83	87.0	6.32	7.3	SR13	11/28/2018 15:05	23.01	83.6	5.95	7.6	SR13	11/28/2018 21:05	22.98	83.3	5.94	6.9
SR13	11/28/2018 3:10	23.03	83.8	5.97	5.1	SR13	11/28/2018 9:10	22.88	86.7	6.29	5.3	SR13	11/28/2018 15:10	23.02	82.7	5.89	5.3	SR13	11/28/2018 21:10	22.99	82.2	5.86	6.4
SR13	11/28/2018 3:15	23.04	83.3	5.93	5.7	SR13	11/28/2018 9:15	22.93	88.0	6.36	6.8	SR13	11/28/2018 15:15	23.03	83.7	5.96	7.1	SR13	11/28/2018 21:15	23.00	82.6	5.89	6.2
SR13	11/28/2018 3:20	23.03	84.9	6.04	6.1	SR13	11/28/2018 9:20	22.86	88.0	6.39	5.0	SR13	11/28/2018 15:20	23.03	83.6	5.95	6.1	SR13	11/28/2018 21:20	22.99	82.6	5.89	6.5
SR13	11/28/2018 3:25	23.04	84.1	5.99	7.3	SR13	11/28/2018 9:25	22.92	86.0	6.23	4.9	SR13	11/28/2018 15:25	23.01	83.7	5.96	7.2	SR13	11/28/2018 21:25	22.99	82.8	5.90	6.6
SR13	11/28/2018 3:30	23.02	84.0	5.98	5.0	SR13	11/28/2018 9:30	22.85	87.3	6.33	5.5	SR13	11/28/2018 15:30	23.02	83.1	5.92	6.8	SR13	11/28/2018 21:30	22.98	82.8	5.90	8.8
SR13	11/28/2018 3:35	23.02	84.3	6.00	7.0	SR13	11/28/2018 9:35	23.01	85.9	6.24	5.8	SR13	11/28/2018 15:35	23.01	83.7	5.96	7.8	SR13	11/28/2018 21:35	22.99	82.6	5.88	6.2
SR13	11/28/2018 3:40	23.02	83.4	5.94	5.1	SR13	11/28/2018 9:40	23.01	85.9	6.24	6.3	SR13	11/28/2018 15:40	23.02	83.7	5.96	6.6	SR13	11/28/2018 21:40	22.99	82.6	5.88	6.4
SR13	11/28/2018 3:45	23.02	83.8	5.97	5.7	SR13	11/28/2018 9:45	22.94	86.6	6.31	7.2	SR13	11/28/2018 15:45	23.03	83.4	5.94	5.8	SR13	11/28/2018 21:45	22.97	83.0	5.92	6.1
SR13	11/28/2018 3:50	23.02	83.6	5.95	5.4	SR13	11/28/2018 9:50	23.02	85.6	6.21	6.0	SR13	11/28/2018 15:50	23.01	83.2	5.92	5.8	SR13	11/28/2018 21:50	22.98	82.7	5.89	6.6
SR13	11/28/2018 3:55	23.03	84.2	5.99	6.4	SR13	11/28/2018 9:55	23.01	84.8	6.16	5.9	SR13	11/28/2018 15:55	23.02	84.5	6.02	5.2	SR13	11/28/2018 21:55	22.96	82.6	5.89	5.6
SR13	11/28/2018 4:00	23.03	83.0	5.91	6.6	SR13	11/28/2018 10:00	23.03	85.2	6.11	5.8	SR13						SR13	11/28/2018 22:00	22.97	82.1	5.85	7.2
SR13	11/28/2018 4:05	23.04	84.4	6.01	6.6	SR13	11/28/2018 10:05	23.03	84.3	6.09	5.9	SR13						SR13	11/28/2018 22:05	22.99	81.6	5.81	7.5
SR13	11/28/2018 4:10	23.04	83.4	5.94	6.3	SR13	11/28/2018 10:10	23.01	84.0	6.08	8.4	SR13						SR13	11/28/2018 22:10	22.99	82.5	5.88	6.3
SR13	11/28/2018 4:15	23.02	84.4	6.01	6.6	SR13	11/28/2018 10:15	23.03	85.0	6.15	7.0	SR13						SR13	11/28/2018 22:15	22.98	82.6	5.88	7.7
SR13	11/28/2018 4:20	23.03	82.9	5.91	5.7	SR13	11/28/2018 10:20	23.02	86.2	6.14	6.2	SR13						SR13	11/28/2018 22:20	22.96	82.7	5.89	7.0
SR13	11/28/2018 4:25	23.04	83.5	5.95	5.6	SR13	11/28/2018 10:25	23.02	84.9	6.05	7.1	SR13						SR13	11/28/2018 22:25	22.98	82.5	5.88	6.6
SR13	11/28/2018 4:30	23.01	84.3	6.00	5.8	SR13	11/28/2018 10:30	23.00	86.3	6.15	7.2	SR13	11/28/2018 16:30	23.04	83.0	5.92	5.8	SR13	11/28/2018 22:30	22.98	83.3	5.94	7.3
SR13	11/28/2018 4:35	23.02	84.9	6.05	12.3	SR13	11/28/2018 10:35	23.02	85.5	6.10	6.9	SR13	11/28/2018 16:35	23.04	83.4	5.94	8.0	SR13	11/28/2018 22:35	22.98	82.9	5.90	6.7
SR13	11/28/2018 4:40	23.01	83.2	5.92	9.0	SR13	11/28/2018 10:40	23.00	86.0	6.13	5.7	SR13	11/28/2018 16:40	23.03	84.2	6.00	5.6	SR13	11/28/2018 22:40	22.98	82.9	5.91	7.4
SR13	11/28/2018 4:45	23.05	83.4	5.94	6.1	SR13	11/28/2018 10:45	23.04	85.5	6.09	6.0	SR13	11/28/2018 16:45	23.05	83.5	5.95	6.2	SR13	11/28/2018 22:45	22.99	82.8	5.90	9.2
SR13	11/28/2018 4:50	23.05	83.1	5.92	5.0	SR13	11/28/2018 10:50	23.02	85.7	6.11	6.6	SR13	11/28/2018 16:50	23.04	83.4	5.94	5.9	SR13	11/28/2018 22:50	22.97	82.5	5.87	6.5
SR13	11/28/2018 4:55	23.03	83.1	5.92	6.9	SR13	11/28/2018 10:55	23.02	86.0	6.13	5.6	SR13	11/28/2018 16:55	23.05	83.4	5.94	6.2	SR13	11/28/2018 22:55	22.97	83.1	5.92	7.1
SR13	11/28/2018 5:00	23.04	84.3	6.00	4.6	SR13	11/28/2018 11:00	23.02	85.7	6.11	6.7	SR13	11/28/2018 17:00	23.04	83.8	5.97	7.1	SR13	11/28/2018 23:00	22.97	82.3	5.87	7.3
SR13	11/28/2018 5:05	23.03	82.3	5.86	6.3	SR13	11/28/2018 11:05	23.01	84.5	6.02	6.5	SR13	11/28/2018 17:05	23.04	83.7	5.96	6.4	SR13	11/28/2018 23:05	22.99	83.2	5.93	6.9
SR13	11/28/2018 5:10	23.03	82.4	5.87	6.7	SR13	11/28/2018 11:10	23.04	84.2	6.00	6.8	SR13	11/28/2018 17:10	23.04	83.1	5.92	6.1	SR13	11/28/2018 23:10	22.99	83.5	5.95	6.5
SR13	11/28/2018 5:15	23.02	84.4	6.01	6.7	SR13	11/28/2018 11:15	23.04	86.2	6.14	5.9	SR13	11/28/2018 17:15	23.04	82.3	5.87	7.4	SR13	11/28/2018 23:15	22.97	82.3	5.86	6.9
SR13	11/28/2018 5:20	23.03	84.1	5.99	5.0	SR13	11/28/2018 11:20	23.04	85.5	6.10	6.3	SR13	11/28/2018 17:20	23.05	83.4	5.94	6.1	SR13	11/28/2018 23:20	22.97	82.2	5.86	6.8
SR13	11/28/2018 5:25	23.02	84.5	6.02	5.1	SR13	11/28/2018 11:25	23.03	85.7	6.11	7.2	SR13	11/28/2018 17:25	23.05	84.6	6.03	6.8	SR13	11/28/2018 23:25	22.99	81.7	5.82	6.7
SR13	11/28/2018 5:30	23.02	84.9	6.04	5.9	SR13	11/28/2018 11:30	23.01	84.3	6.01	5.1	SR13	11/28/2018 17:30	23.03	83.4	5.94	7.7	SR13	11/28/2018 23:30	22.99	81.5	5.80	7.5
SR13	11/28/2018 5:35	23.05	84.2	6.00	6.6	SR13	11/28/2018 11:35	23.03	85.7	6.10	5.4	SR13	11/28/2018 17:35	23.04	84.7	6.04	5.8	SR13	11/28/2018 23:35	22.97	81.8	5.83	6.5
SR13	11/28/2018 5:40	23.04	83.1	5.92	6.6	SR13	11/28/2018 11:40	23.02	85.2	6.08	5.7	SR13	11/28/2018 17:40	23.04	84.5	6.02	7.5	SR13	11/28/2018 23:40	22.99	81.5	5.81	7.9
SR13	11/28/2018 5:45	23.03	83.2	5.93	7.0	SR13	11/28/2018 11:45	23.01	85.1	6.06	6.5	SR13	11/28/2018 17:45	23.04	83.4	5.94	5.8	SR13	11/28/2018 23:45	22.98	82.3	5.86	5.8
SR13	11/28/2018 5:50	23.04	84.7	6.03	4.8	SR13	11/28/2018 11:50	23.03	85.3	6.08	6.5	SR13	11/28/2018 17:50	23.04	82.9	5.90	6.4	SR13	11/28/2018 23:50	22.97	82.4	5.87	7.1
SR13	11/28/2018 5:55	23.03	83.7	5.96	5.4	SR13	11/28/2018 11:55	23.01	84.1	5.99	5.8	SR13	11/28/2018 17:55	23.02	82.3	5.86	6.0	SR13	11/28/2018 23:55	22.97	81.7	5.82	6.8

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	11/28/2018 0:17	0.08				SR12	11/28/2018 0:17	0.10			
SR4	11/28/2018 0:37	0.07				SR12	11/28/2018 0:37	0.12			
SR4	11/28/2018 0:57	0.08				SR12	11/28/2018 0:57	0.12			
SR4	11/28/2018 1:17	0.10				SR12	11/28/2018 1:17	0.07			
SR4	11/28/2018 1:37	0.09				SR12	11/28/2018 1:37	0.11			
SR4	11/28/2018 1:57	0.09				SR12	11/28/2018 1:57	0.09			
SR4	11/28/2018 2:17	0.07				SR12	11/28/2018 2:17	0.10			
SR4	11/28/2018 2:37	0.09				SR12	11/28/2018 2:37	0.10			
SR4	11/28/2018 2:57	0.10				SR12	11/28/2018 2:57	0.07			
SR4	11/28/2018 3:17	0.08				SR12	11/28/2018 3:17	0.10			
SR4	11/28/2018 3:37	0.08				SR12	11/28/2018 3:37	0.08			
SR4	11/28/2018 3:57	0.08				SR12	11/28/2018 3:57	0.09			
SR4	11/28/2018 4:17	0.09				SR12	11/28/2018 4:17	0.05			
SR4	11/28/2018 4:37	0.10				SR12	11/28/2018 4:37	0.06			
SR4	11/28/2018 4:57	0.10				SR12	11/28/2018 4:57	0.08			
SR4	11/28/2018 5:17	0.08				SR12	11/28/2018 5:17	0.09			
SR4	11/28/2018 5:37	0.10				SR12	11/28/2018 5:37	0.08			
SR4	11/28/2018 5:57	0.10				SR12	11/28/2018 5:57	0.11			
SR4						SR12					
SR4	11/28/2018 6:37	0.08				SR12	11/28/2018 6:37	0.07			
SR4	11/28/2018 6:57	0.07				SR12	11/28/2018 6:57	0.07			
SR4	11/28/2018 7:17	0.10				SR12	11/28/2018 7:17	0.10			
SR4	11/28/2018 7:37	0.10				SR12	11/28/2018 7:37	0.07			
SR4	11/28/2018 7:57	0.07				SR12	11/28/2018 7:57	0.07			
SR4	11/28/2018 8:17	0.07				SR12	11/28/2018 8:17	0.05			
SR4	11/28/2018 8:37	0.07				SR12	11/28/2018 8:37	0.09			
SR4	11/28/2018 8:57	0.08				SR12	11/28/2018 8:57	0.10			
SR4	11/28/2018 9:17	0.10				SR12	11/28/2018 9:17	0.07			
SR4	11/28/2018 9:37	0.08				SR12	11/28/2018 9:37	0.08			
SR4	11/28/2018 9:57	0.09				SR12	11/28/2018 9:57	0.07			
SR4						SR12	11/28/2018 10:17	0.08			
SR4						SR12	11/28/2018 10:37	0.05			
SR4						SR12	11/28/2018 10:57	0.08			
SR4						SR12	11/28/2018 11:17	0.08			
SR4	11/28/2018 11:37	0.08				SR12	11/28/2018 11:37	0.11			
SR4	11/28/2018 11:57	0.07				SR12	11/28/2018 11:57	0.06			
SR4	11/28/2018 12:17	0.07				SR12	11/28/2018 12:17	0.05			
SR4	11/28/2018 12:37	0.10				SR12	11/28/2018 12:37	0.07			
SR4	11/28/2018 12:57	0.09				SR12	11/28/2018 12:57	0.07			
SR4	11/28/2018 13:17	0.07				SR12					
SR4	11/28/2018 13:37	0.10				SR12					
SR4	11/28/2018 13:57	0.09				SR12					
SR4	11/28/2018 14:17	0.10				SR12					
SR4	11/28/2018 14:37	0.07				SR12					
SR4	11/28/2018 14:57	0.09				SR12	11/28/2018 14:57	0.10			
SR4	11/28/2018 15:17	0.09				SR12	11/28/2018 15:17	0.08			
SR4	11/28/2018 15:37	0.09				SR12	11/28/2018 15:37	0.08			
SR4	11/28/2018 15:57	0.07				SR12	11/28/2018 15:57	0.09			
SR4	11/28/2018 16:17	0.07				SR12	11/28/2018 16:17	0.09			
SR4	11/28/2018 16:37	0.08				SR12	11/28/2018 16:37	0.09			
SR4	11/28/2018 16:57	0.09				SR12	11/28/2018 16:57	0.09			
SR4	11/28/2018 17:17	0.10				SR12	11/28/2018 17:17	0.10			
SR4	11/28/2018 17:37	0.09				SR12	11/28/2018 17:37	0.06			
SR4	11/28/2018 17:57	0.07				SR12	11/28/2018 17:57	0.11			
SR4	11/28/2018 18:17	0.08				SR12	11/28/2018 18:17	0.07			
SR4	11/28/2018 18:37	0.07				SR12	11/28/2018 18:37	0.11			
SR4	11/28/2018 18:57	0.09				SR12	11/28/2018 18:57	0.09			
SR4	11/28/2018 19:17	0.08				SR12	11/28/2018 19:17	0.08			
SR4	11/28/2018 19:37	0.10				SR12	11/28/2018 19:37	0.06			
SR4	11/28/2018 19:57	0.09				SR12	11/28/2018 19:57	0.09			
SR4	11/28/2018 20:17	0.07				SR12	11/28/2018 20:17	0.08			
SR4	11/28/2018 20:37	0.09				SR12	11/28/2018 20:37	0.06			
SR4	11/28/2018 20:57	0.08				SR12	11/28/2018 20:57	0.06			
SR4	11/28/2018 21:17	0.09				SR12	11/28/2018 21:17	0.10			
SR4	11/28/2018 21:37	0.07				SR12	11/28/2018 21:37	0.07			
SR4	11/28/2018 21:57	0.09				SR12	11/28/2018 21:57	0.12			
SR4	11/28/2018 22:17	0.07				SR12	11/28/2018 22:17	0.09			
SR4	11/28/2018 22:37	0.09				SR12	11/28/2018 22:37	0.06			
SR4	11/28/2018 22:57	0.08				SR12	11/28/2018 22:57	0.05			
SR4	11/28/2018 23:17	0.07				SR12	11/28/2018 23:17	0.10			
SR4	11/28/2018 23:37	0.08				SR12	11/28/2018 23:37	0.06			
SR4	11/28/2018 23:57	0.08				SR12	11/28/2018 23:57	0.09			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.
SR4 monitoring station was under maintenance during 10:01-11:16.
SR12 monitoring station was under maintenance during 13:11-14:26.
SR13 monitoring station was under maintenance during 15:55-16:30.

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	11/29/2018 0:01	22.84	73.8	5.29	1.2	SR4	11/29/2018 6:01	22.71	71.4	5.14	1.2	SR4	11/29/2018 12:01	22.75	80.9	5.82	4.4	SR4	11/29/2018 18:01	22.80	77.1	5.55	1.7
SR4	11/29/2018 0:06	22.84	74.5	5.34	1.2	SR4	11/29/2018 6:06	22.73	72.4	5.21	8.7	SR4	11/29/2018 12:06	22.84	80.8	5.80	3.3	SR4	11/29/2018 18:06	22.75	77.7	5.59	4.7
SR4	11/29/2018 0:11	22.84	75.4	5.41	1.4	SR4	11/29/2018 6:11	22.75	72.7	5.23	3.0	SR4	11/29/2018 12:11	22.82	80.6	5.79	4.1	SR4	11/29/2018 18:11	22.76	77.0	5.54	3.7
SR4	11/29/2018 0:16	22.84	74.4	5.34	5.0	SR4	11/29/2018 6:16	22.76	70.5	5.07	4.4	SR4	11/29/2018 12:16	22.84	81.1	5.82	3.2	SR4	11/29/2018 18:16	22.76	77.1	5.55	4.4
SR4	11/29/2018 0:21	22.84	75.0	5.38	2.1	SR4	11/29/2018 6:21	22.71	69.4	5.00	4.4	SR4	11/29/2018 12:21	22.82	81.1	5.83	2.9	SR4	11/29/2018 18:21	22.80	77.4	5.57	4.1
SR4	11/29/2018 0:26	22.84	74.5	5.34	1.0	SR4	11/29/2018 6:26	22.74	69.8	5.03	3.0	SR4	11/29/2018 12:26	22.87	81.2	5.83	1.7	SR4	11/29/2018 18:26	22.76	77.4	5.57	1.1
SR4	11/29/2018 0:31	22.84	75.3	5.40	2.5	SR4	11/29/2018 6:31	22.77	68.7	4.94	2.0	SR4	11/29/2018 12:31	22.86	81.5	5.85	3.7	SR4	11/29/2018 18:31	22.76	77.0	5.54	9.5
SR4	11/29/2018 0:36	22.84	75.0	5.38	1.1	SR4	11/29/2018 6:36	22.76	68.5	4.93	3.1	SR4	11/29/2018 12:36	22.90	77.8	5.59	4.8	SR4	11/29/2018 18:36	22.79	77.0	5.54	3.1
SR4	11/29/2018 0:41	22.84	72.6	5.21	2.0	SR4	11/29/2018 6:41	22.78	68.5	4.92	1.0	SR4	11/29/2018 12:41	22.80	79.5	5.71	1.0	SR4	11/29/2018 18:41	22.79	77.3	5.56	5.0
SR4	11/29/2018 0:46	22.84	73.8	5.29	1.3	SR4	11/29/2018 6:46	22.80	74.4	5.35	2.3	SR4	11/29/2018 12:46	22.81	80.1	5.76	4.1	SR4	11/29/2018 18:46	22.76	77.4	5.57	5.0
SR4	11/29/2018 0:51	22.84	74.6	5.36	4.5	SR4	11/29/2018 6:51	22.76	75.2	5.41	2.5	SR4	11/29/2018 12:51	22.80	79.5	5.72	1.6	SR4	11/29/2018 18:51	22.75	77.4	5.57	3.6
SR4	11/29/2018 0:56	22.84	71.4	5.12	4.5	SR4	11/29/2018 6:56	22.78	75.3	5.41	3.0	SR4	11/29/2018 12:56	22.80	78.7	5.66	2.5	SR4	11/29/2018 18:56	22.79	77.7	5.59	2.9
SR4	11/29/2018 1:01	22.82	71.6	5.14	3.4	SR4	11/29/2018 7:01	22.75	76.3	5.49	2.5	SR4	11/29/2018 13:01	22.84	79.2	5.70	1.4	SR4	11/29/2018 19:01	22.76	77.1	5.55	3.5
SR4	11/29/2018 1:06	22.80	76.6	5.50	4.7	SR4	11/29/2018 7:06	22.74	76.8	5.52	2.4	SR4	11/29/2018 13:06	22.80	79.8	5.74	2.4	SR4	11/29/2018 19:06	22.70	77.4	5.57	1.7
SR4	11/29/2018 1:11	22.80	75.3	5.41	4.1	SR4	11/29/2018 7:11	22.75	76.3	5.48	2.1	SR4	11/29/2018 13:11	22.83	79.4	5.71	1.7	SR4	11/29/2018 19:11	22.71	77.8	5.60	2.7
SR4	11/29/2018 1:16	22.80	75.7	5.44	5.3	SR4	11/29/2018 7:16	22.73	76.8	5.53	3.4	SR4	11/29/2018 13:16	22.84	79.6	5.73	5.0	SR4	11/29/2018 19:16	22.72	77.0	5.54	3.3
SR4	11/29/2018 1:21	22.79	74.0	5.32	2.1	SR4	11/29/2018 7:21	22.71	77.9	5.60	2.2	SR4	11/29/2018 13:21	22.83	79.8	5.74	4.4	SR4	11/29/2018 19:21	22.72	77.0	5.54	3.3
SR4	11/29/2018 1:26	22.80	74.5	5.35	3.1	SR4	11/29/2018 7:26	22.73	77.6	5.72	3.1	SR4	11/29/2018 13:26	22.84	78.7	5.66	3.5	SR4	11/29/2018 19:26	22.73	77.4	5.57	2.7
SR4	11/29/2018 1:31	22.80	74.1	5.32	3.6	SR4	11/29/2018 7:31	22.72	77.6	6.33	2.8	SR4	11/29/2018 13:31	22.82	79.8	5.74	5.3	SR4	11/29/2018 19:31	22.71	77.3	5.56	3.2
SR4	11/29/2018 1:36	22.79	75.4	5.42	4.5	SR4	11/29/2018 7:36	22.70	79.9	5.75	3.5	SR4	11/29/2018 13:36	22.84	79.1	5.69	4.2	SR4	11/29/2018 19:36	22.76	77.4	5.57	2.2
SR4	11/29/2018 1:41	22.79	75.0	5.39	5.2	SR4	11/29/2018 7:41	22.68	81.0	6.90	2.6	SR4	11/29/2018 13:41	22.82	79.9	5.75	6.1	SR4	11/29/2018 19:41	22.76	77.6	5.58	3.6
SR4	11/29/2018 1:46	22.78	75.5	5.43	5.1	SR4	11/29/2018 7:46	22.65	82.9	6.77	3.9	SR4	11/29/2018 13:46	22.80	79.5	5.72	2.0	SR4	11/29/2018 19:46	22.76	77.0	5.54	2.9
SR4	11/29/2018 1:51	22.78	74.2	5.34	1.3	SR4	11/29/2018 7:51	22.68	82.4	6.73	5.7	SR4	11/29/2018 13:51	22.81	79.0	5.68	3.1	SR4	11/29/2018 19:51	22.73	77.1	5.55	3.0
SR4	11/29/2018 1:56	22.79	74.6	5.36	4.0	SR4	11/29/2018 7:56	22.54	87.9	7.56	2.5	SR4	11/29/2018 13:56	22.83	79.4	5.71	3.9	SR4	11/29/2018 19:56	22.74	77.3	5.56	3.6
SR4	11/29/2018 2:01	22.78	76.1	5.47	3.3	SR4	11/29/2018 8:01	22.27	94.1	8.14	5.1	SR4	11/29/2018 14:01	22.81	78.8	5.67	4.7	SR4	11/29/2018 20:01	22.73	77.8	5.60	1.1
SR4	11/29/2018 2:06	22.78	74.8	5.37	1.7	SR4	11/29/2018 8:06	21.67	95.3	8.34	5.1	SR4	11/29/2018 14:06	22.83	79.5	5.72	5.3	SR4	11/29/2018 20:06	22.71	77.3	5.56	2.9
SR4	11/29/2018 2:11	22.78	75.0	5.39	2.9	SR4	11/29/2018 8:11	22.58	85.3	7.30	**26.1**	SR4	11/29/2018 14:11	22.83	79.4	5.71	5.3	SR4	11/29/2018 20:11	22.76	77.4	5.57	1.3
SR4	11/29/2018 2:16	22.78	74.6	5.36	4.0	SR4	11/29/2018 8:16	22.17	86.9	7.52	4.3	SR4	11/29/2018 14:16	22.81	79.2	5.70	1.3	SR4	11/29/2018 20:16	22.70	77.6	5.58	1.5
SR4	11/29/2018 2:21	22.79	75.1	5.40	5.4	SR4	11/29/2018 8:21	22.36	91.5	7.89	7.2	SR4	11/29/2018 14:21	22.80	79.0	5.68	4.9	SR4	11/29/2018 20:21	22.71	77.6	5.58	1.4
SR4	11/29/2018 2:26	22.79	74.5	5.35	3.0	SR4	11/29/2018 8:26	21.65	94.1	8.22	5.8	SR4	11/29/2018 14:26	22.84	79.9	5.75	3.6	SR4	11/29/2018 20:26	22.74	77.6	5.58	4.3
SR4	11/29/2018 2:31	22.79	73.6	5.29	2.0	SR4	11/29/2018 8:31	21.94	96.8	8.42	3.0	SR4	11/29/2018 14:31	22.84	78.7	5.66	2.6	SR4	11/29/2018 20:31	22.75	76.5	5.50	4.8
SR4	11/29/2018 2:36	22.79	75.4	5.41	3.8	SR4	11/29/2018 8:36	22.62	92.8	7.96	3.6	SR4	11/29/2018 14:36	22.81	79.8	5.74	3.5	SR4	11/29/2018 20:36	22.72	76.7	5.52	3.0
SR4	11/29/2018 2:41	22.79	75.3	5.41	4.0	SR4	11/29/2018 8:41	22.76	87.3	7.46	5.7	SR4	11/29/2018 14:41	22.82	79.1	5.69	4.5	SR4	11/29/2018 20:41	22.73	77.6	5.58	4.5
SR4	11/29/2018 2:46	22.79	73.9	5.31	4.0	SR4	11/29/2018 8:46	22.69	87.5	7.43	4.8	SR4	11/29/2018 14:46	22.84	79.0	5.68	5.3	SR4	11/29/2018 20:46	22.73	77.1	5.55	3.3
SR4	11/29/2018 2:51	22.79	74.3	5.34	4.2	SR4	11/29/2018 8:51	22.30	98.4	8.50	**11.8**	SR4	11/29/2018 14:51	22.80	78.7	5.66	3.2	SR4	11/29/2018 20:51	22.76	76.7	5.52	5.7
SR4	11/29/2018 2:56	22.78	74.2	5.33	4.9	SR4	11/29/2018 8:56	22.37	100.9	8.71	5.0	SR4	11/29/2018 14:56	22.84	78.1	5.62	2.2	SR4	11/29/2018 20:56	22.72	77.6	5.58	1.6
SR4	11/29/2018 3:01	22.78	72.9	5.24	3.0	SR4	11/29/2018 9:01	22.62	99.8	8.57	4.3	SR4	11/29/2018 15:01	22.84	78.7	5.66	4.2	SR4	11/29/2018 21:01	22.73	77.4	5.57	2.7
SR4	11/29/2018 3:06	22.78	74.2	5.33	1.8	SR4	11/29/2018 9:06	22.90	99.2	8.48	3.3	SR4	11/29/2018 15:06	22.77	78.8	5.67	4.8	SR4	11/29/2018 21:06	22.72	76.9	5.53	3.9
SR4	11/29/2018 3:11	22.78	72.5	5.21	2.1	SR4	11/29/2018 9:11	22.72	92.1	7.89	6.6	SR4	11/29/2018 15:11	22.80	79.1	5.69	4.1	SR4	11/29/2018 21:11	22.74	77.6	5.58	5.1
SR4	11/29/2018 3:16	22.78	71.7	5.15	3.9	SR4	11/29/2018 9:16	22.61	96.4	8.29	5.1	SR4	11/29/2018 15:16	22.79	78.4	5.64	4.7	SR4	11/29/2018 21:16	22.76	77.1	5.55	4.8
SR4	11/29/2018 3:21	22.78	71.5	5.14	3.4	SR4	11/29/2018 9:21	22.50	91.2	7.83	3.8	SR4	11/29/2018 15:21	22.77	78.0	5.61	5.7	SR4	11/29/2018 21:21	22.76	76.9	5.53	7.0
SR4	11/29/2018 3:26	22.78	73.2	5.26	1.4	SR4	11/29/2018 9:26	22.31	98.4	8.51	3.6	SR4	11/29/2018 15:26	22.75	78.0	5.61	3.3	SR4	11/29/2018 21:26	22.73	76.9	5.53	1.3
SR4	11/29/2018 3:31	22.78	73.0	5.24	3.5	SR4	11/29/2018 9:31	22.61	101.0	8.68	3.1	SR4	11/29/2018 15:31	22.75	78.7	5.66	2.2	SR4	11/29/2018 21:31	22.71	76.7	5.52	3.7
SR4	11/29/2018 3:36	22.78	72.8	5.23	2.4	SR4	11/29/2018 9:36	23.21	99.7	8.47	2.1	SR4	11/29/2018 15:36	22.76	78.5	5.65	2.9	SR4	11/29/2018 21:36	22.72	77.1	5.55	3.6
SR4	11/29/2018 3:41	22.78	71.7	5.15	4.1	SR4	11/29/2018 9:41	22.39	91.0	7.86	**22.3**	SR4	11/29/2018 15:41	22.77	78.8	5.67	3.8	SR4	11/29/2018 21:41	22.72	77.1	5.55	1.5
SR4	11/29/2018 3:46	22.77	74.1	5.32	2.6	SR4	11/29/2018 9:46	22.76	84.0	6.04	3.2	SR4	11/29/2018 15:46	22.76	78.0	5.61	4.0	SR4	11/29/2018 21:46	22.71	76.9	5.53	2.7
SR4	11/29/2018 3:51	22.76	74.7	5.37	3.1	SR4	11/29/2018 9:51	22.74	82.5	7.02	2.7	SR4	11/29/2018 15:51	22.77	79.1	5.69	2.3	SR4	11/29/2018 21:51	22.74	77.3	5.56	5.0
SR4	11/29/2018 3:56	22.75	73.6	5.29	2.0	SR4	11/29/2018 9:56	22.72	83.7	7.13	1.8	SR4	11/29/2018 15:56	22.80	78.5	5.65	3.9	SR4	11/29/2018 21:56	22.73	76.5	5.50	6.5
SR4	11/29/2018 4:01	22.75	72.9	5.24	1.4	SR4	11/29/2018 10:01	22.72	84.9	7.25	3.1	SR4	11/29/2018 16:01	22.80	78.1	5.62	2.4	SR4	11/29/2018 22:01	22.72	77.0	5.54	4.1
SR4	11/29/2018 4:06	22.76	69.4	4.99	3.5	SR4	11/29/2018 10:06	22.66	85.6	7.35	3.0	SR4	11/29/2018 16:06	22.78	78.1	5.62	4.6	SR4	11/29/2018 22:06	22.71	76.5	5.50	2.2
SR4	11/29/2018 4:11	22.72	65.9	4.75	4.1	SR4	11/29/2018 10:11	22.71	82.9	5.97	1.4	SR4	11/29/2018 16:11	22.80	78.4	5.64	3.5	SR4	11/29/2018 22:11	22.73	76.7	5.52	4.8
SR4	11/29/2018 4:16	22.68	69.0	4.97	4.7	SR4	11/29/2018 10:16	22.71	83.6	6.02	2.9	SR4	11/29/2018 16:16	22.76	78.1	5.62	3.2	SR4	11/29/2018 22:16	22.75	77.0	5.54	4.9
SR4	11/29/2018 4:21	22.69	72.7	5.24	5.2	SR4	11/29/2018 10:21	22.72	82.8	5.97	1.0	SR4	11/29/2018 16:21	22.79	79.0	5.68	2.4	SR4	11/29/2018 22:21	22.73	76.5	5.50	3.7
SR4	11/29/2018 4:26	22.75	70.4	5.06	2.5	SR4	11/29/2018 10:26	22.70	82.7	5.96	1.2	SR4	11/29/2018 16:26	22.75	78.3	5.63	1.7	SR4	11/29/2018 22:26	22.70	77.1	5.55	3.1
SR4	11/29/2018 4:31	22.79	71.2	5.12	5.1	SR4	11/29/2018 10:31	22.70	83.6	6.02	1.6	SR4	11/29/2018 16:31	22.77	79.0	5.68	3.4	SR4	11/29/2018 22:31	22.71	76.6	5.51	5.4
SR4	11/29/2018 4:36	22.70	70.4	5.07	3.0	SR4	11/29/2018 10:36	22.70	83.5	6.02	1.3	SR4	11/29/2018 16:36	22.76	78.0	5.61	4.8	SR4	11/29/2018 22:36	22.74	77.6	5.58	2.6
SR4	11/29/2018 4:41	22.71	72.0	5.18	1.3	SR4	11/29/2018 10:41	22.71	83.6	6.02	1.1	SR4	11/29/2018 16:41	22.76	78.3	5.63	4.7	SR4	11/29/2018 22:41	22.70	77.1	5.55	2.2
SR4	11/29/2018 4:46	22.63	69.5	5.01	2.4	SR4	11/29/2018 10:46	22.70	83.5	6.02	1.3	SR4	11/29/2018 16:46	22.77	78.7	5.66	5.2	SR4	11/29/2018 22:46	22.76	76.2	5.48	1.9
SR4	11/29/2018 4:51	22.68	70.1	5.05	1.4	SR4	11/29/2018 10:51	22.71	82.4	5.94	4.0	SR4	11/29/2018 16:51	22.77	78.3	5.63	3.1	SR4	11/29/2018 22:51	22.76	76.7	5.52	4.7
SR4	11/29/2018 4:56	22.72	71.1	5.12	2.1	SR4	11/29/2018 10:56	22.70	82.7	5.96	1.1	SR4	11/29/2018 16:56	22.79	78.1	5.62	5.2	SR4	11/29/2018 22:56	22.76	76.6	5.51	3.3
SR4	11/29/2018 5:01	22.65	70.7	5.10	3.7	SR4	11/29/2018 11:01	22.74	81.8	5.89	4.6	SR4	11/29/2018 17:01	22.77	78.0	5.61	3.8	SR4	11/29/2018 23:01	22.72	77.3	5.56	1.5
SR4	11/29/2018 5:06	22.66	71.3	5.14	4.9	SR4	11/29/2018 11:06	22.77	80.3	5.78	1.1	SR4	11/29/2018 17:06	22.76	78.5	5.65	2.0	SR4	11/29/2018 23:06	22.70	77.1	5.55	4.1
SR4	11/29/2018 5:11	22.69	73.4	5.29	4.7	SR4	11/29/2018 11:11	22.79	76.1	5.48	3.3	SR4	11/29/2018 17:11	22.79	77.1	5.55	2.3	SR4	11/29/2018 23:11	22.70	77.1	5.55	2.2
SR4	11/29/2018 5:16	22.71	72.5	5.22	2.4	SR4	11/29/2018 11:16	22.85	75.5	5.43	1.3	SR4	11/29/2018 17:16	22.79	77.4	5.57	2.2	SR4	11/29/2018 23:16	22.71	76.5	5.50	4.9
SR4	11/29/2018 5:21	22.72	73.8	5.31	2.7	SR4	11/29/2018 11:21	22.88	73.6	5.29	4.6	SR4	11/29/2018 17:21	22.79	77.1	5.55	2.5	SR4	11/29/2018 23:21	22.72	76.9	5.53	2.3
SR4	11/29/2018 5:26	22.70	73.9	5.32	3.3	SR4	11/29/2018 11:26	22.89	75.1	5.40	4.7	SR4	11/29/2018 17:26	22.76	77.4	5.57	4.5	SR4	11/29/2018 23:26	22.68	76.6	5.51	3.1
SR4	11/29/2018 5:31	22.72	72.8	5.24	2.1	SR4	11/29/2018 11:31	22.94	75.3	5.40	3.0	SR4	11/29/2018 17:31	22.75	77.3	5.56	5.3	SR4	11/29/2018 23:31	22.68	76.3	5.49	3.0
SR4	11/29/2018 5:36	22.73	73.8	5.31	1.4	SR4	11/29/2018 11:36	22.78	78.5	5.65	2.3	SR4	11/29/2018 17:36	22.80	77.1	5.55	5.3	SR4	11/29/2018 23:36	22.70	77.3	5.56	2.2
SR4	11/29/2018 5:41	22.74	73.2	5.27	4.8	SR4	11/29/2018 11:41	22.96	77.2	5.54	4.8	SR4	11/29/2018 17:41	22.77	77.0	5.54	2.7	SR4	11/29/2018 23:41	22.70	77.0	5.54	2.5
SR4	11/29/2018 5:46	22.71	73.3	5.28	3.5	SR4	11/29/2018 11:46	22.73	80.0	5.76	2.6	SR4	11/29/2018 17:46	22.80	77.6	5.58	3.5	SR4	11/29/2018 23:46	22.67	76.3	5.49	4.8
SR4	11/29/2018 5:51	22.73	73.2	5.27	3.9	SR4	11/29/2018 11:51	22.85	81.4	5.85	1.5	SR4	11/29/2018 17:51	22.79	77.4	5.57	3.7	SR4	11/29/2018 23:51	22.70	76.9	5.53	4.5
SR4	11/29/2018 5:56	22.73	72.6	5.22	3.7	SR4	11/29/2018 11:56	22.77	81.6	5.87	3.4	SR4	11/29/2018 17:56	22.79	77.6	5.58	2.3	SR4	11/29/2018 23:56	22.69	76.2	5.48	4.1

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	11/29/2018 0:00	22.50	88.4	6.31	2.3	SR5	11/29/2018 6:00	22.59	87.5	6.25	3.0	SR5	11/29/2018 12:00	23.10	86.5	6.18	5.2	SR5	11/29/2018 18:00	22.59	87.3	6.23	3.2
SR5	11/29/2018 0:05	22.57	87.8	6.26	1.3	SR5	11/29/2018 6:05	22.58	86.7	6.19	4.0	SR5	11/29/2018 12:05	23.09	90.3	6.45	4.0	SR5	11/29/2018 18:05	22.50	88.5	6.32	4.3
SR5	11/29/2018 0:10	22.59	85.9	6.13	2.0	SR5	11/29/2018 6:10	22.48	85.9	6.13	4.1	SR5	11/29/2018 12:10	23.11	85.9	6.13	4.8	SR5	11/29/2018 18:10	22.48	86.2	6.15	3.0
SR5	11/29/2018 0:15	22.44	86.8	6.20	4.3	SR5	11/29/2018 6:15	22.47	86.4	6.17	2.5	SR5	11/29/2018 12:15	23.11	86.7	6.19	4.3	SR5	11/29/2018 18:15	22.54	85.7	6.12	4.5
SR5	11/29/2018 0:20	22.55	85.2	6.07	3.3	SR5	11/29/2018 6:20	22.50	88.5	6.32	4.0	SR5	11/29/2018 12:20	23.17	86.1	6.15	2.8	SR5	11/29/2018 18:20	22.55	85.4	6.10	3.8
SR5	11/29/2018 0:25	22.48	85.0	6.06	2.2	SR5	11/29/2018 6:25	22.53	84.9	6.07	6.4	SR5	11/29/2018 12:25	23.12	86.3	6.16	3.7	SR5	11/29/2018 18:25	22.57	88.9	6.35	3.3
SR5	11/29/2018 0:30	22.46	85.0	6.06	3.1	SR5	11/29/2018 6:30	22.46	88.3	6.30	4.1	SR5	11/29/2018 12:30	23.14	88.2	6.30	3.4	SR5	11/29/2018 18:30	22.57	88.6	6.33	3.3
SR5	11/29/2018 0:35	22.46	85.5	6.10	2.1	SR5	11/29/2018 6:35	22.46	88.0	6.28	2.1	SR5	11/29/2018 12:35	23.13	85.8	6.12	3.3	SR5	11/29/2018 18:35	22.58	89.9	6.42	3.4
SR5	11/29/2018 0:40	22.50	87.1	6.22	3.3	SR5	11/29/2018 6:40	22.55	89.0	6.36	5.7	SR5	11/29/2018 12:40	23.12	87.6	6.25	3.6	SR5	11/29/2018 18:40	22.50	89.8	6.41	3.7
SR5	11/29/2018 0:45	22.54	84.8	6.05	2.9	SR5	11/29/2018 6:45	22.49	89.4	6.38	4.0	SR5	11/29/2018 12:45	23.16	88.1	6.29	4.4	SR5	11/29/2018 18:45	22.50	85.4	6.10	4.7
SR5	11/29/2018 0:50	22.54	87.7	6.26	4.2	SR5	11/29/2018 6:50	22.55	85.7	6.12	4.4	SR5	11/29/2018 12:50	23.17	85.7	6.12	2.1	SR5	11/29/2018 18:50	22.52	88.1	6.29	3.7
SR5	11/29/2018 0:55	22.59	83.8	5.97	4.3	SR5	11/29/2018 6:55	22.44	88.9	6.35	4.9	SR5	11/29/2018 12:55	23.17	86.4	6.17	3.0	SR5	11/29/2018 18:55	22.50	85.7	6.12	4.4
SR5	11/29/2018 1:00	22.52	83.8	5.98	3.2	SR5	11/29/2018 7:00	22.44	85.6	6.11	2.1	SR5	11/29/2018 13:00	23.20	86.6	6.19	3.9	SR5	11/29/2018 19:00	22.44	86.2	6.16	4.1
SR5	11/29/2018 1:05	22.46	85.9	6.13	3.0	SR5	11/29/2018 7:05	22.58	87.4	6.24	3.0	SR5	11/29/2018 13:05	23.22	88.5	6.32	4.1	SR5	11/29/2018 19:05	22.58	86.9	6.21	4.3
SR5	11/29/2018 1:10	22.45	86.3	6.16	3.9	SR5	11/29/2018 7:10	22.49	88.6	6.32	3.0	SR5	11/29/2018 13:10	23.19	88.6	6.32	1.6	SR5	11/29/2018 19:10	22.51	86.6	6.18	3.5
SR5	11/29/2018 1:15	22.54	88.2	6.29	3.9	SR5	11/29/2018 7:15	22.50	89.5	6.39	3.0	SR5	11/29/2018 13:15	23.23	90.0	6.43	3.3	SR5	11/29/2018 19:15	22.56	90.5	6.46	2.6
SR5	11/29/2018 1:20	22.49	89.6	6.40	2.2	SR5	11/29/2018 7:20	22.52	91.6	6.55	3.8	SR5	11/29/2018 13:20	23.24	86.4	6.17	2.9	SR5	11/29/2018 19:20	22.49	89.6	6.40	2.4
SR5	11/29/2018 1:25	22.58	84.2	6.01	3.8	SR5	11/29/2018 7:25	22.45	87.7	6.30	3.8	SR5	11/29/2018 13:25	23.25	88.4	6.31	4.4	SR5	11/29/2018 19:25	22.59	88.1	6.29	1.4
SR5	11/29/2018 1:30	22.58	87.5	6.24	3.5	SR5	11/29/2018 7:30	22.58	88.1	6.48	2.6	SR5	11/29/2018 13:30	23.24	88.6	6.33	3.1	SR5	11/29/2018 19:30	22.47	86.8	6.20	3.7
SR5	11/29/2018 1:35	22.55	86.3	6.16	2.0	SR5	11/29/2018 7:35	22.52	89.7	6.41	5.7	SR5	11/29/2018 13:35	23.23	85.6	6.11	2.9	SR5	11/29/2018 19:35	22.48	89.7	6.40	2.5
SR5	11/29/2018 1:40	22.53	86.4	6.17	4.6	SR5	11/29/2018 7:40	22.46	88.2	6.57	4.0	SR5						SR5	11/29/2018 19:40	22.57	90.3	6.44	3.7
SR5	11/29/2018 1:45	22.52	84.0	6.00	5.1	SR5	11/29/2018 7:45	22.57	88.6	6.53	4.7	SR5						SR5	11/29/2018 19:45	22.54	86.1	6.15	2.4
SR5	11/29/2018 1:50	22.44	84.6	6.04	4.3	SR5	11/29/2018 7:50	22.53	92.1	6.78	3.9	SR5						SR5	11/29/2018 19:50	22.53	88.5	6.32	4.1
SR5	11/29/2018 1:55	22.48	88.1	6.29	2.1	SR5	11/29/2018 7:55	22.46	92.6	6.93	4.1	SR5						SR5	11/29/2018 19:55	22.56	89.2	6.37	3.4
SR5	11/29/2018 2:00	22.56	87.5	6.25	4.4	SR5	11/29/2018 8:00	22.52	93.0	6.99	2.8	SR5	11/29/2018 14:00	23.22	89.2	6.37	2.7	SR5	11/29/2018 20:00	22.58	89.9	6.42	3.7
SR5	11/29/2018 2:05	22.52	85.5	6.10	2.4	SR5	11/29/2018 8:05	22.46	92.0	6.95	2.9	SR5	11/29/2018 14:05	23.21	85.4	6.10	5.8	SR5	11/29/2018 20:05	22.56	87.2	6.22	3.0
SR5	11/29/2018 2:10	22.58	87.0	6.21	3.3	SR5	11/29/2018 8:10	22.56	90.7	6.77	**9.5**	SR5	11/29/2018 14:10	23.22	86.8	6.20	4.0	SR5	11/29/2018 20:10	22.49	90.6	6.47	4.1
SR5	11/29/2018 2:15	22.44	84.7	6.05	3.5	SR5	11/29/2018 8:15	22.97	94.0	7.03	3.4	SR5	11/29/2018 14:15	23.21	87.2	6.23	3.4	SR5	11/29/2018 20:15	22.56	88.6	6.33	1.4
SR5	11/29/2018 2:20	22.59	83.9	5.99	2.7	SR5	11/29/2018 8:20	22.97	95.1	7.12	4.1	SR5	11/29/2018 14:20	23.22	85.5	6.11	2.9	SR5	11/29/2018 20:20	22.46	87.3	6.24	2.1
SR5	11/29/2018 2:25	22.44	84.9	6.06	3.5	SR5	11/29/2018 8:25	22.98	92.3	6.96	3.3	SR5	11/29/2018 14:25	23.20	90.9	6.49	3.4	SR5	11/29/2018 20:25	22.48	86.3	6.16	3.0
SR5	11/29/2018 2:30	22.51	89.2	6.37	4.1	SR5	11/29/2018 8:30	22.98	93.6	7.05	2.7	SR5	11/29/2018 14:30	23.21	90.4	6.45	2.0	SR5	11/29/2018 20:30	22.56	85.9	6.13	3.6
SR5	11/29/2018 2:35	22.50	85.8	6.12	2.5	SR5	11/29/2018 8:35	22.98	91.3	6.84	4.2	SR5	11/29/2018 14:35	23.21	90.1	6.43	2.9	SR5	11/29/2018 20:35	22.55	88.4	6.31	3.8
SR5	11/29/2018 2:40	22.53	83.6	5.97	3.2	SR5	11/29/2018 8:40	22.98	88.8	6.64	3.1	SR5	11/29/2018 14:40	23.21	89.4	6.38	2.8	SR5	11/29/2018 20:40	22.59	90.1	6.43	3.8
SR5	11/29/2018 2:45	22.53	87.9	6.27	3.0	SR5	11/29/2018 8:45	22.99	89.0	6.64	5.1	SR5	11/29/2018 14:45	23.22	90.7	6.48	2.6	SR5	11/29/2018 20:45	22.52	88.8	6.34	4.7
SR5	11/29/2018 2:50	22.49	89.0	6.35	2.7	SR5	11/29/2018 8:50	22.97	92.9	6.99	5.7	SR5	11/29/2018 14:50	23.22	87.3	6.23	2.3	SR5	11/29/2018 20:50	22.49	88.2	6.30	4.1
SR5	11/29/2018 2:55	22.46	87.4	6.24	4.5	SR5	11/29/2018 8:55	22.98	95.2	7.17	4.9	SR5	11/29/2018 14:55	23.22	89.7	6.40	3.3	SR5	11/29/2018 20:55	22.51	90.9	6.49	2.8
SR5	11/29/2018 3:00	22.57	85.3	6.09	2.0	SR5	11/29/2018 9:00	22.98	95.1	7.14	3.1	SR5	11/29/2018 15:00	23.21	87.8	6.27	4.2	SR5	11/29/2018 21:00	22.56	86.5	6.18	2.1
SR5	11/29/2018 3:05	22.54	87.5	6.24	2.6	SR5	11/29/2018 9:05	22.98	93.6	7.03	2.9	SR5	11/29/2018 15:05	23.22	90.3	6.45	3.3	SR5	11/29/2018 21:05	22.45	86.5	6.18	3.4
SR5	11/29/2018 3:10	22.50	84.1	6.00	2.9	SR5	11/29/2018 9:10	22.99	94.2	7.05	5.8	SR5	11/29/2018 15:10	23.21	89.1	6.36	4.8	SR5	11/29/2018 21:10	22.51	89.9	6.42	2.4
SR5	11/29/2018 3:15	22.50	87.3	6.23	3.3	SR5	11/29/2018 9:15	22.99	94.4	7.09	3.2	SR5	11/29/2018 15:15	23.21	89.4	6.38	3.0	SR5	11/29/2018 21:15	22.50	85.5	6.10	2.8
SR5	11/29/2018 3:20	22.44	84.5	6.03	4.8	SR5	11/29/2018 9:20	23.00	95.2	7.12	2.7	SR5	11/29/2018 15:20	23.21	85.7	6.12	5.4	SR5	11/29/2018 21:20	22.53	89.7	6.40	4.7
SR5	11/29/2018 3:25	22.47	85.0	6.07	2.1	SR5	11/29/2018 9:25	22.98	92.7	6.98	3.3	SR5	11/29/2018 15:25	23.21	89.3	6.38	3.0	SR5	11/29/2018 21:25	22.48	86.3	6.16	2.8
SR5	11/29/2018 3:30	22.54	87.0	6.21	3.8	SR5	11/29/2018 9:30	23.00	93.1	7.01	3.1	SR5	11/29/2018 15:30	23.21	89.2	6.37	2.9	SR5	11/29/2018 21:30	22.55	89.2	6.37	4.2
SR5	11/29/2018 3:35	22.58	87.9	6.27	2.7	SR5	11/29/2018 9:35	23.01	93.5	7.00	2.9	SR5	11/29/2018 15:35	23.21	86.2	6.16	3.5	SR5	11/29/2018 21:35	22.57	84.8	6.06	5.1
SR5	11/29/2018 3:40	22.53	85.2	6.09	3.1	SR5	11/29/2018 9:40	22.99	94.4	7.07	**9.1**	SR5	11/29/2018 15:40	23.22	85.7	6.12	3.6	SR5	11/29/2018 21:40	22.49	86.8	6.20	4.4
SR5	11/29/2018 3:45	22.47	89.1	6.36	2.4	SR5	11/29/2018 9:45	23.00	88.8	6.34	2.6	SR5	11/29/2018 15:45	23.22	88.1	6.29	3.4	SR5	11/29/2018 21:45	22.50	86.2	6.15	4.5
SR5	11/29/2018 3:50	22.57	89.3	6.38	2.0	SR5	11/29/2018 9:50	23.01	88.1	6.57	3.2	SR5	11/29/2018 15:50	23.22	87.3	6.23	3.6	SR5	11/29/2018 21:50	22.59	89.8	6.41	3.8
SR5	11/29/2018 3:55	22.54	86.3	6.16	1.5	SR5	11/29/2018 9:55	23.00	88.8	6.62	2.8	SR5	11/29/2018 15:55	23.23	86.1	6.14	4.2	SR5	11/29/2018 21:55	22.57	89.5	6.39	3.5
SR5	11/29/2018 4:00	22.58	87.3	6.23	3.0	SR5	11/29/2018 10:00	23.00	91.2	6.81	2.3	SR5	11/29/2018 16:00	23.23	89.6	6.40	1.7	SR5	11/29/2018 22:00	22.50	84.9	6.06	3.0
SR5	11/29/2018 4:05	22.56	85.6	6.11	2.9	SR5	11/29/2018 10:05	23.00	93.1	6.95	4.2	SR5	11/29/2018 16:05	23.23	85.2	6.09	2.8	SR5	11/29/2018 22:05	22.47	85.5	6.10	2.3
SR5	11/29/2018 4:10	22.46	83.8	5.98	3.4	SR5	11/29/2018 10:10	23.00	91.6	6.54	3.3	SR5	11/29/2018 16:10	23.24	87.4	6.24	3.4	SR5	11/29/2018 22:10	22.45	86.3	6.16	3.2
SR5	11/29/2018 4:15	22.57	83.4	5.96	3.9	SR5	11/29/2018 10:15	23.00	87.9	6.28	2.8	SR5	11/29/2018 16:15	23.24	89.3	6.38	2.7	SR5	11/29/2018 22:15	22.44	89.4	6.38	4.0
SR5	11/29/2018 4:20	22.57	88.6	6.33	3.9	SR5	11/29/2018 10:20	23.01	91.8	6.56	3.0	SR5	11/29/2018 16:20	23.24	88.1	6.29	3.1	SR5	11/29/2018 22:20	22.56	86.8	6.19	4.1
SR5	11/29/2018 4:25	22.52	87.3	6.23	4.7	SR5	11/29/2018 10:25	23.00	89.6	6.41	1.9	SR5	11/29/2018 16:25	23.24	88.6	6.33	2.1	SR5	11/29/2018 22:25	22.48	87.3	6.23	2.1
SR5	11/29/2018 4:30	22.57	84.4	6.03	4.2	SR5	11/29/2018 10:30	23.01	89.9	6.43	3.8	SR5	11/29/2018 16:30	23.24	86.4	6.17	2.1	SR5	11/29/2018 22:30	22.59	86.8	6.20	3.7
SR5	11/29/2018 4:35	22.50	83.4	5.96	2.7	SR5	11/29/2018 10:35	23.01	89.2	6.38	3.8	SR5	11/29/2018 16:35	23.25	86.8	6.20	3.4	SR5	11/29/2018 22:35	22.52	88.0	6.28	3.5
SR5	11/29/2018 4:40	22.55	84.0	5.99	3.5	SR5	11/29/2018 10:40	23.01	92.6	6.62	2.7	SR5	11/29/2018 16:40	23.26	87.9	6.28	4.8	SR5	11/29/2018 22:40	22.49	88.1	6.29	2.4
SR5	11/29/2018 4:45	22.54	84.5	6.04	2.4	SR5	11/29/2018 10:45	23.00	89.6	6.40	2.3	SR5	11/29/2018 16:45	23.25	88.4	6.31	2.9	SR5	11/29/2018 22:45	22.57	88.3	6.31	2.8
SR5	11/29/2018 4:50	22.50	83.1	5.93	3.3	SR5	11/29/2018 10:50	22.98	91.2	6.52	2.1	SR5	11/29/2018 16:50	22.55	89.8	6.41	3.7	SR5	11/29/2018 22:50	22.46	90.1	6.44	3.5
SR5	11/29/2018 4:55	22.57	84.8	6.06	4.3	SR5	11/29/2018 10:55	23.00	89.3	6.38	1.7	SR5	11/29/2018 16:55	22.48	90.3	6.44	2.7	SR5	11/29/2018 22:55	22.47	84.8	6.05	3.0
SR5	11/29/2018 5:00	22.58	85.4	6.10	3.1	SR5	11/29/2018 11:00	23.01	88.4	6.32	4.4	SR5	11/29/2018 17:00	22.44	89.0	6.36	2.7	SR5	11/29/2018 23:00	22.58	88.6	6.33	4.0
SR5	11/29/2018 5:05	22.53	88.9	6.35	4.6	SR5	11/29/2018 11:05	23.02	87.9	6.28	1.5	SR5	11/29/2018 17:05	22.56	89.8	6.41	2.9	SR5	11/29/2018 23:05	22.49	86.8	6.20	4.5
SR5	11/29/2018 5:10	22.56	85.5	6.11	2.9	SR5	11/29/2018 11:10	23.03	88.4	6.32	4.4	SR5	11/29/2018 17:10	22.47	89.3	6.38	3.7	SR5	11/29/2018 23:10	22.45	89.9	6.42	3.3
SR5	11/29/2018 5:15	22.56	83.8	5.99	3.9	SR5	11/29/2018 11:15	23.05	90.9	6.49	4.3	SR5	11/29/2018 17:15	22.50	87.7	6.26	3.4	SR5	11/29/2018 23:15	22.55	87.1	6.22	3.0
SR5	11/29/2018 5:20	22.52	89.4	6.39	2.0	SR5	11/29/2018 11:20	23.07	89.7	6.40	3.9	SR5	11/29/2018 17:20	22.54	90.1	6.44	3.4	SR5	11/29/2018 23:20	22.50	87.8	6.27	2.4
SR5	11/29/2018 5:25	22.46	85.1	6.08	3.9	SR5	11/29/2018 11:25	23.08	90.5	6.46	5.2	SR5	11/29/2018 17:25	22.48	88.8	6.34	2.0	SR5	11/29/2018 23:25	22.58	84.8	6.05	2.6
SR5	11/29/2018 5:30	22.54	84.9	6.07	3.2	SR5	11/29/2018 11:30	23.08	89.2	6.37	4.6	SR5	11/29/2018 17:30	22.45	87.6	6.26	3.1	SR5	11/29/2018 23:30	22.51	90.3	6.45	4.9
SR5	11/29/2018 5:35	22.58	89.2	6.37	2.1	SR5	11/29/2018 11:35	23.09	88.2	6.30	3.1	SR5	11/29/2018 17:35	22.50	87.5	6.25	4.1	SR5	11/29/2018 23:35	22.57	85.4	6.09	3.3
SR5	11/29/2018 5:40	22.45	87.2	6.23	3.0	SR5	11/29/2018 11:40	23.08	90.4	6.45	3.1	SR5	11/29/2018 17:40	22.55	89.3	6.38	4.0	SR5	11/29/2018 23:40	22.51	86.5	6.18	4.4
SR5	11/29/2018 5:45	22.58	87.4	6.24	4.0	SR5	11/29/2018 11:45	23.09	89.6	6.40	3.7	SR5	11/29/2018 17:45	22.57	86.4	6.17	3.1	SR5	11/29/2018 23:45	22.50	89.0	6.35	4.4
SR5	11/29/2018 5:50	22.53	84.5	6.04	2.7	SR5	11/29/2018 11:50	23.10	89.0	6.36	4.1	SR5	11/29/2018 17:50	22.54	85.1	6.08	2.2	SR5	11/29/2018 23:50	22.53	85.5	6.10	3.7
SR5	11/29/2018 5:55	22.58	87.9	6.28	2.2	SR5	11/29/2018 11:55	23.11	86.5	6.18	5.0	SR5	11/29/2018 17:55	22.54	85.2	6.08	2.0	SR5	11/29/2018 23:55	22.54	85.8	6.12	3.2

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	11/29/2018 0:01	23.62	75.4	5.33	2.3	SR12	11/29/2018 6:01	23.46	78.9	5.59	2.5	SR12	11/29/2018 12:01	23.50	77.2	5.47	5.2	SR12	11/29/2018 18:01	23.49	77.5	5.49	1.7
SR12	11/29/2018 0:06	23.59	77.0	5.44	1.6	SR12	11/29/2018 6:06	23.45	78.9	5.59	1.8	SR12	11/29/2018 12:06	23.49	77.6	5.50	5.8	SR12	11/29/2018 18:06	23.51	77.3	5.47	1.9
SR12	11/29/2018 0:11	23.58	75.6	5.34	4.0	SR12	11/29/2018 6:11	23.46	78.8	5.59	2.2	SR12	11/29/2018 12:11	23.53	77.7	5.50	4.0	SR12	11/29/2018 18:11	23.54	77.3	5.47	4.3
SR12	11/29/2018 0:16	23.57	75.2	5.31	4.4	SR12	11/29/2018 6:16	23.45	79.0	5.60	1.7	SR12	11/29/2018 12:16	23.53	77.5	5.49	3.7	SR12	11/29/2018 18:16	23.52	76.3	5.40	4.9
SR12	11/29/2018 0:21	23.57	75.3	5.32	5.2	SR12	11/29/2018 6:21	23.45	78.9	5.60	2.2	SR12	11/29/2018 12:21	23.51	77.1	5.46	4.5	SR12	11/29/2018 18:21	23.51	76.4	5.41	1.3
SR12	11/29/2018 0:26	23.58	75.3	5.32	4.8	SR12	11/29/2018 6:26	23.43	79.9	5.66	2.6	SR12	11/29/2018 12:26	23.52	77.3	5.47	5.2	SR12	11/29/2018 18:26	23.52	76.9	5.44	1.4
SR12	11/29/2018 0:31	23.58	75.7	5.35	3.3	SR12	11/29/2018 6:31	23.47	79.6	5.64	3.3	SR12	11/29/2018 12:31	23.52	77.3	5.48	4.1	SR12	11/29/2018 18:31	23.53	76.5	5.42	2.2
SR12	11/29/2018 0:36	23.61	74.9	5.29	5.2	SR12	11/29/2018 6:36	23.45	79.8	5.65	3.1	SR12	11/29/2018 12:36	23.52	77.5	5.48	3.7	SR12	11/29/2018 18:36	23.53	76.7	5.43	5.0
SR12	11/29/2018 0:41	23.59	74.8	5.28	2.3	SR12	11/29/2018 6:41	23.42	80.9	5.74	**11.9**	SR12	11/29/2018 12:41	23.52	77.4	5.48	3.6	SR12	11/29/2018 18:41	23.53	76.3	5.40	5.4
SR12	11/29/2018 0:46	23.58	74.8	5.28	5.1	SR12	11/29/2018 6:46	23.43	80.5	5.71	8.5	SR12	11/29/2018 12:46	23.52	76.6	5.43	3.3	SR12	11/29/2018 18:46	23.53	76.5	5.42	4.8
SR12	11/29/2018 0:51	23.61	75.2	5.31	3.5	SR12	11/29/2018 6:51	23.42	80.9	5.74	9.1	SR12	11/29/2018 12:51	23.53	76.9	5.45	3.3	SR12	11/29/2018 18:51	23.53	76.5	5.42	3.6
SR12	11/29/2018 0:56	23.59	75.1	5.30	5.0	SR12	11/29/2018 6:56	23.43	80.1	5.68	7.0	SR12	11/29/2018 12:56	23.53	77.1	5.46	2.7	SR12	11/29/2018 18:56	23.55	77.5	5.49	5.1
SR12	11/29/2018 1:01	23.58	74.6	5.27	4.3	SR12	11/29/2018 7:01	23.43	80.8	5.73	3.1	SR12	11/29/2018 13:01	23.53	76.9	5.45	4.3	SR12	11/29/2018 19:01	23.57	77.6	5.50	1.2
SR12	11/29/2018 1:06	23.58	74.3	5.25	1.4	SR12	11/29/2018 7:06	23.41	80.9	5.74	2.7	SR12	11/29/2018 13:06	23.53	77.0	5.45	3.9	SR12	11/29/2018 19:06	23.57	78.0	5.52	5.2
SR12	11/29/2018 1:11	23.57	74.8	5.29	2.4	SR12	11/29/2018 7:11	23.42	81.3	5.76	2.9	SR12	11/29/2018 13:11	23.52	76.1	5.39	3.1	SR12	11/29/2018 19:11	23.57	77.4	5.48	3.5
SR12	11/29/2018 1:16	23.57	75.2	5.32	1.2	SR12	11/29/2018 7:16	23.41	81.3	5.77	3.7	SR12	11/29/2018 13:16	23.52	76.0	5.38	4.1	SR12	11/29/2018 19:16	23.57	78.7	5.57	1.2
SR12	11/29/2018 1:21	23.57	76.0	5.37	4.3	SR12	11/29/2018 7:21	23.42	81.3	5.77	2.9	SR12	11/29/2018 13:21	23.51	76.5	5.42	2.3	SR12	11/29/2018 19:21	23.59	79.0	5.59	1.3
SR12	11/29/2018 1:26	23.57	75.2	5.32	2.3	SR12	11/29/2018 7:26	23.42	81.2	5.76	2.9	SR12	11/29/2018 13:26	23.51	77.0	5.45	3.0	SR12	11/29/2018 19:26	23.58	78.7	5.57	1.4
SR12	11/29/2018 1:31	23.57	75.6	5.34	4.6	SR12	11/29/2018 7:31	23.40	81.8	5.80	3.4	SR12	11/29/2018 13:31	23.51	76.9	5.45	3.1	SR12	11/29/2018 19:31	23.59	79.1	5.60	1.5
SR12	11/29/2018 1:36	23.60	75.8	5.36	1.4	SR12	11/29/2018 7:36	23.41	81.9	5.80	7.6	SR12	11/29/2018 13:36	23.51	76.6	5.42	3.1	SR12	11/29/2018 19:36	23.59	78.7	5.57	5.0
SR12	11/29/2018 1:41	23.58	74.7	5.28	4.4	SR12	11/29/2018 7:41	23.40	82.8	5.87	4.3	SR12	11/29/2018 13:41	23.55	76.3	5.40	2.4	SR12	11/29/2018 19:41	23.58	78.3	5.54	1.8
SR12	11/29/2018 1:46	23.56	75.6	5.34	5.1	SR12	11/29/2018 7:46	23.40	82.0	5.82	3.4	SR12	11/29/2018 13:46	23.53	76.2	5.39	2.2	SR12	11/29/2018 19:46	23.58	78.6	5.56	1.6
SR12	11/29/2018 1:51	23.52	75.6	5.35	5.4	SR12	11/29/2018 7:51	23.39	83.0	5.88	4.4	SR12	11/29/2018 13:51	23.52	76.1	5.39	3.3	SR12	11/29/2018 19:51	23.58	77.9	5.51	3.7
SR12	11/29/2018 1:56	23.51	75.6	5.36	1.6	SR12	11/29/2018 7:56	23.39	82.8	5.88	4.0	SR12	11/29/2018 13:56	23.51	75.0	5.31	3.1	SR12	11/29/2018 19:56	23.57	78.5	5.56	2.2
SR12	11/29/2018 2:01	23.52	74.7	5.29	4.2	SR12	11/29/2018 8:01	23.40	82.2	5.83	4.3	SR12	11/29/2018 14:01	23.51	76.6	5.42	3.2	SR12	11/29/2018 20:01	23.58	78.7	5.57	3.0
SR12	11/29/2018 2:06	23.52	74.9	5.30	3.8	SR12	11/29/2018 8:06	23.43	82.5	5.85	3.6	SR12	11/29/2018 14:06	23.51	76.3	5.40	6.7	SR12	11/29/2018 20:06	23.58	78.9	5.58	2.1
SR12	11/29/2018 2:11	23.56	74.7	5.29	5.2	SR12	11/29/2018 8:11	23.41	82.4	5.84	3.2	SR12	11/29/2018 14:11	23.54	75.2	5.32	3.8	SR12	11/29/2018 20:11	23.57	78.8	5.58	4.4
SR12	11/29/2018 2:16	23.55	74.7	5.29	2.5	SR12	11/29/2018 8:16	23.41	82.3	5.83	3.2	SR12	11/29/2018 14:16	23.56	75.3	5.33	5.5	SR12	11/29/2018 20:16	23.57	78.2	5.54	1.8
SR12	11/29/2018 2:21	23.54	74.5	5.27	4.0	SR12	11/29/2018 8:21	23.41	82.3	5.84	4.2	SR12	11/29/2018 14:21	23.52	75.9	5.37	4.4	SR12	11/29/2018 20:21	23.58	78.2	5.54	3.6
SR12	11/29/2018 2:26	23.54	74.8	5.29	3.6	SR12	11/29/2018 8:26	23.40	82.2	5.83	3.6	SR12	11/29/2018 14:26	23.53	76.5	5.41	3.4	SR12	11/29/2018 20:26	23.58	78.8	5.58	2.8
SR12	11/29/2018 2:31	23.58	74.8	5.29	5.1	SR12	11/29/2018 8:31	23.41	82.1	5.82	4.6	SR12	11/29/2018 14:31	23.55	76.4	5.40	2.1	SR12	11/29/2018 20:31	23.59	78.4	5.55	2.0
SR12	11/29/2018 2:36	23.59	74.5	5.27	3.7	SR12	11/29/2018 8:36	23.40	81.9	5.81	4.6	SR12	11/29/2018 14:36	23.58	77.6	5.49	2.3	SR12	11/29/2018 20:36	23.59	77.9	5.52	5.1
SR12	11/29/2018 2:41	23.56	74.3	5.25	3.7	SR12	11/29/2018 8:41	23.40	82.8	5.88	5.2	SR12	11/29/2018 14:41	23.62	77.2	5.46	1.2	SR12	11/29/2018 20:41	23.58	77.0	5.45	2.2
SR12	11/29/2018 2:46	23.55	74.4	5.26	3.0	SR12	11/29/2018 8:46	23.42	81.9	5.81	4.4	SR12	11/29/2018 14:46	23.59	77.4	5.47	1.3	SR12	11/29/2018 20:46	23.59	77.5	5.49	6.2
SR12	11/29/2018 2:51	23.55	73.8	5.22	2.5	SR12	11/29/2018 8:51	23.42	82.0	5.81	4.5	SR12	11/29/2018 14:51	23.58	77.4	5.47	4.4	SR12	11/29/2018 20:51	23.59	78.2	5.53	2.8
SR12	11/29/2018 2:56	23.55	74.4	5.27	1.6	SR12	11/29/2018 8:56	23.41	82.1	5.83	4.2	SR12	11/29/2018 14:56	23.57	77.5	5.48	1.7	SR12	11/29/2018 20:56	23.60	78.6	5.57	1.4
SR12	11/29/2018 3:01	23.54	74.5	5.27	2.3	SR12	11/29/2018 9:01	23.41	81.9	5.81	3.7	SR12	11/29/2018 15:01	23.57	77.0	5.45	3.3	SR12	11/29/2018 21:01	23.63	79.0	5.59	1.6
SR12	11/29/2018 3:06	23.54	74.7	5.28	3.1	SR12	11/29/2018 9:06	23.40	81.6	5.79	3.6	SR12	11/29/2018 15:06	23.54	77.5	5.48	2.4	SR12	11/29/2018 21:06	23.60	78.6	5.57	1.3
SR12	11/29/2018 3:11	23.54	74.0	5.24	1.1	SR12	11/29/2018 9:11	23.41	81.4	5.78	6.8	SR12	11/29/2018 15:11	23.53	76.7	5.43	5.0	SR12	11/29/2018 21:11	23.59	78.6	5.57	2.3
SR12	11/29/2018 3:16	23.54	74.6	5.28	2.8	SR12	11/29/2018 9:16	23.44	81.4	5.78	4.8	SR12	11/29/2018 15:16	23.53	77.6	5.49	1.8	SR12	11/29/2018 21:16	23.60	78.7	5.57	3.5
SR12	11/29/2018 3:21	23.54	74.4	5.27	4.7	SR12	11/29/2018 9:21	23.40	82.1	5.82	3.4	SR12	11/29/2018 15:21	23.53	77.3	5.47	4.7	SR12	11/29/2018 21:21	23.60	78.1	5.53	2.8
SR12	11/29/2018 3:26	23.54	75.0	5.31	1.5	SR12	11/29/2018 9:26	23.40	82.1	5.83	2.0	SR12	11/29/2018 15:26	23.53	76.8	5.43	1.7	SR12	11/29/2018 21:26	23.60	77.8	5.51	5.4
SR12	11/29/2018 3:31	23.52	75.4	5.34	1.8	SR12	11/29/2018 9:31	23.40	81.6	5.79	2.6	SR12	11/29/2018 15:31	23.54	75.7	5.35	1.8	SR12	11/29/2018 21:31	23.61	77.5	5.48	4.4
SR12	11/29/2018 3:36	23.55	76.1	5.39	1.3	SR12	11/29/2018 9:36	23.40	81.6	5.79	2.3	SR12	11/29/2018 15:36	23.55	75.8	5.36	2.6	SR12	11/29/2018 21:36	23.61	76.7	5.43	5.0
SR12	11/29/2018 3:41	23.53	76.5	5.42	2.5	SR12	11/29/2018 9:41	23.40	81.7	5.79	3.1	SR12	11/29/2018 15:41	23.54	75.5	5.34	1.3	SR12	11/29/2018 21:41	23.61	76.7	5.43	5.2
SR12	11/29/2018 3:46	23.52	76.4	5.41	2.3	SR12	11/29/2018 9:46	23.39	82.1	5.83	2.2	SR12	11/29/2018 15:46	23.54	76.2	5.39	5.2	SR12	11/29/2018 21:46	23.61	76.7	5.42	5.4
SR12	11/29/2018 3:51	23.52	76.6	5.42	3.1	SR12	11/29/2018 9:51	23.38	82.9	5.89	2.5	SR12	11/29/2018 15:51	23.53	76.3	5.39	3.3	SR12	11/29/2018 21:51	23.61	76.6	5.42	2.5
SR12	11/29/2018 3:56	23.52	76.5	5.41	2.4	SR12	11/29/2018 9:56	23.39	82.4	5.85	2.3	SR12	11/29/2018 15:56	23.53	76.0	5.37	1.5	SR12	11/29/2018 21:56	23.61	76.9	5.44	4.7
SR12	11/29/2018 4:01	23.51	76.0	5.38	4.8	SR12	11/29/2018 10:01	23.40	81.7	5.80	2.5	SR12	11/29/2018 16:01	23.53	77.5	5.49	1.1	SR12	11/29/2018 22:01	23.61	76.7	5.42	1.4
SR12	11/29/2018 4:06	23.54	75.8	5.36	1.4	SR12	11/29/2018 10:06	23.41	81.2	5.76	2.8	SR12	11/29/2018 16:06	23.50	77.8	5.51	1.3	SR12	11/29/2018 22:06	23.61	76.4	5.40	2.7
SR12	11/29/2018 4:11	23.56	76.2	5.39	1.3	SR12	11/29/2018 10:11	23.40	81.9	5.81	2.0	SR12	11/29/2018 16:11	23.52	76.5	5.41	4.2	SR12	11/29/2018 22:11	23.62	76.8	5.43	2.6
SR12	11/29/2018 4:16	23.53	75.5	5.35	1.9	SR12	11/29/2018 10:16	23.40	81.4	5.78	1.7	SR12	11/29/2018 16:16	23.53	76.1	5.39	1.2	SR12	11/29/2018 22:16	23.62	76.1	5.38	4.4
SR12	11/29/2018 4:21	23.52	75.6	5.35	3.6	SR12	11/29/2018 10:21	23.40	81.3	5.77	3.1	SR12	11/29/2018 16:21	23.52	75.3	5.33	1.7	SR12	11/29/2018 22:21	23.62	77.2	5.46	3.1
SR12	11/29/2018 4:26	23.52	75.7	5.36	5.4	SR12	11/29/2018 10:26	23.39	81.7	5.80	1.4	SR12	11/29/2018 16:26	23.54	75.3	5.33	1.8	SR12	11/29/2018 22:26	23.65	76.2	5.39	1.8
SR12	11/29/2018 4:31	23.55	75.3	5.33	1.4	SR12	11/29/2018 10:31	23.40	81.5	5.79	2.1	SR12	11/29/2018 16:31	23.53	74.8	5.29	1.8	SR12	11/29/2018 22:31	23.63	76.0	5.38	3.4
SR12	11/29/2018 4:36	23.53	75.6	5.35	4.7	SR12	11/29/2018 10:36	23.41	81.5	5.78	3.4	SR12	11/29/2018 16:36	23.52	74.5	5.27	4.0	SR12	11/29/2018 22:36	23.66	76.0	5.37	2.0
SR12	11/29/2018 4:41	23.56	75.5	5.34	4.6	SR12	11/29/2018 10:41	23.41	81.4	5.77	2.6	SR12	11/29/2018 16:41	23.52	74.7	5.29	2.9	SR12	11/29/2018 22:41	23.67	75.4	5.33	1.8
SR12	11/29/2018 4:46	23.53	76.1	5.39	1.9	SR12	11/29/2018 10:46	23.41	80.9	5.74	3.0	SR12	11/29/2018 16:46	23.51	74.7	5.29	3.5	SR12	11/29/2018 22:46	23.63	75.9	5.37	2.9
SR12	11/29/2018 4:51	23.51	76.7	5.43	4.1	SR12	11/29/2018 10:51	23.40	81.5	5.78	2.5	SR12	11/29/2018 16:51	23.52	74.9	5.30	3.9	SR12	11/29/2018 22:51	23.63	75.7	5.35	2.1
SR12	11/29/2018 4:56	23.51	76.3	5.41	5.5	SR12	11/29/2018 10:56	23.41	81.6	5.79	1.5	SR12	11/29/2018 16:56	23.51	75.8	5.36	2.3	SR12	11/29/2018 22:56	23.62	76.3	5.39	1.3
SR12	11/29/2018 5:01	23.51	77.4	5.48	2.8	SR12	11/29/2018 11:01	23.41	81.4	5.77	1.9	SR12	11/29/2018 17:01	23.51	75.6	5.35	3.2	SR12	11/29/2018 23:01	23.62	76.2	5.39	3.4
SR12	11/29/2018 5:06	23.51	76.5	5.41	5.3	SR12	11/29/2018 11:06	23.41	81.4	5.77	2.6	SR12	11/29/2018 17:06	23.52	75.0	5.31	3.4	SR12	11/29/2018 23:06	23.62	76.6	5.42	5.1
SR12	11/29/2018 5:11	23.51	76.2	5.40	3.3	SR12	11/29/2018 11:11	23.42	80.5	5.71	3.8	SR12	11/29/2018 17:11	23.51	75.5	5.35	2.8	SR12	11/29/2018 23:11	23.63	74.7	5.28	3.1
SR12	11/29/2018 5:16	23.51	75.9	5.37	4.6	SR12	11/29/2018 11:16	23.43	80.5	5.71	4.4	SR12	11/29/2018 17:16	23.49	76.0	5.38	3.2	SR12	11/29/2018 23:16	23.61	75.7	5.35	2.2
SR12	11/29/2018 5:21	23.51	76.3	5.41	1.4	SR12	11/29/2018 11:21	23.44	80.3	5.69	5.5	SR12	11/29/2018 17:21	23.48	76.7	5.43	1.5	SR12	11/29/2018 23:21	23.62	76.6	5.41	2.2
SR12	11/29/2018 5:26	23.54	75.9	5.37	4.4	SR12	11/29/2018 11:26	23.44	79.5	5.64	5.3	SR12	11/29/2018 17:26	23.50	76.1	5.38	1.2	SR12	11/29/2018 23:26	23.62	76.2	5.39	1.6
SR12	11/29/2018 5:31	23.52	75.8	5.37	1.2	SR12	11/29/2018 11:31	23.44	79.4	5.63	5.2	SR12	11/29/2018 17:31	23.51	76.1	5.39	2.6	SR12	11/29/2018 23:31	23.62	76.4	5.40	5.4
SR12	11/29/2018 5:36	23.51	75.6	5.35	4.2	SR12	11/29/2018 11:36	23.45	79.1	5.61	4.6	SR12	11/29/2018 17:36	23.51	75.8	5.36	1.7	SR12	11/29/2018 23:36	23.62	76.4	5.40	1.9
SR12	11/29/2018 5:41	23.49	76.9	5.45	2.8	SR12	11/29/2018 11:41	23.46	78.5	5.56	5.9	SR12	11/29/2018 17:41	23.51	75.6	5.35	2.9	SR12	11/29/2018 23:41	23.62	75.6	5.35	3.4
SR12	11/29/2018 5:46	23.47	78.4	5.56	1.3	SR12	11/29/2018 11:46	23.49	78.3	5.55	5.3	SR12	11/29/2018 17:46	23.51	75.4	5.34	1.3	SR12	11/29/2018 23:46	23.62	75.0	5.30	5.0
SR12	11/29/2018 5:51	23.46	78.4	5.56	1.4	SR12	11/29/2018 11:51	23.49	77.6	5.50	6.1	SR12	11/29/2018 17:51	23.51	75.4	5.34	1.5	SR12	11/29/2018 23:51	23.63	75.1	5.30	4.6
SR12	11/29/2018 5:56	23.46	78.6	5.57	1.8	SR12	11/29/2018 11:56	23.50	77.6	5.49	4.8	SR12	11/29/2018 17:56	23.50	76.3	5.40	1.7	SR12	11/29/2018 23:56	23.63	75.3	5.32	4.4

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	11/29/2018 0:00	22.98	82.8	5.90	8.5	SR13	11/29/2018 6:00	22.91	81.3	5.79	7.8	SR13	11/29/2018 12:00	23.03	84.4	6.02	7.3	SR13	11/29/2018 18:00	22.88	82.9	5.91	7.6
SR13	11/29/2018 0:05	22.98	82.6	5.88	6.6	SR13	11/29/2018 6:05	22.89	83.7	5.97	6.8	SR13	11/29/2018 12:05	23.05	84.2	6.01	6.9	SR13	11/29/2018 18:05	22.89	83.2	5.93	6.8
SR13	11/29/2018 0:10	22.98	82.4	5.87	7.1	SR13	11/29/2018 6:10	22.88	82.6	5.89	7.7	SR13	11/29/2018 12:10	23.04	84.2	6.00	7.7	SR13	11/29/2018 18:10	22.89	82.6	5.89	6.7
SR13	11/29/2018 0:15	22.97	82.3	5.86	7.1	SR13	11/29/2018 6:15	22.90	82.5	5.88	6.4	SR13	11/29/2018 12:15	23.04	84.8	6.05	7.9	SR13	11/29/2018 18:15	22.88	82.7	5.90	7.4
SR13	11/29/2018 0:20	22.99	81.8	5.82	6.5	SR13	11/29/2018 6:20	22.93	83.4	5.94	7.2	SR13	11/29/2018 12:20	23.05	84.0	5.99	7.7	SR13	11/29/2018 18:20	22.89	82.4	5.87	6.8
SR13	11/29/2018 0:25	22.99	83.1	5.92	7.2	SR13	11/29/2018 6:25	22.89	83.8	5.97	6.5	SR13	11/29/2018 12:25	23.04	84.8	6.05	7.2	SR13	11/29/2018 18:25	22.87	83.3	5.94	7.2
SR13	11/29/2018 0:30	22.99	82.2	5.86	6.6	SR13	11/29/2018 6:30	22.92	83.4	5.95	6.3	SR13	11/29/2018 12:30	23.06	83.5	5.96	6.9	SR13	11/29/2018 18:30	22.87	82.4	5.88	6.3
SR13	11/29/2018 0:35	22.97	82.2	5.86	6.5	SR13	11/29/2018 6:35	22.91	83.1	5.92	6.6	SR13	11/29/2018 12:35	23.06	84.0	5.99	7.8	SR13	11/29/2018 18:35	22.86	81.8	5.83	6.6
SR13	11/29/2018 0:40	22.98	82.0	5.84	6.4	SR13	11/29/2018 6:40	22.91	83.0	5.92	6.2	SR13	11/29/2018 12:40	23.06	82.4	5.87	8.4	SR13	11/29/2018 18:40	22.86	82.4	5.87	6.7
SR13	11/29/2018 0:45	22.84	82.6	5.89	5.7	SR13	11/29/2018 6:45	22.92	83.2	5.93	7.4	SR13	11/29/2018 12:45	23.06	83.4	5.95	7.8	SR13	11/29/2018 18:45	22.87	82.0	5.84	6.8
SR13	11/29/2018 0:50	22.85	83.8	5.97	5.7	SR13	11/29/2018 6:50	22.92	83.6	5.96	6.9	SR13	11/29/2018 12:50	23.05	83.6	5.96	8.4	SR13	11/29/2018 18:50	22.85	83.1	5.93	7.1
SR13	11/29/2018 0:55	22.86	82.4	5.87	7.4	SR13	11/29/2018 6:55	22.89	82.8	5.90	7.5	SR13	11/29/2018 12:55	23.07	82.6	5.89	7.6	SR13	11/29/2018 18:55	22.85	82.4	5.87	7.0
SR13	11/29/2018 1:00	22.82	83.2	5.93	7.1	SR13	11/29/2018 7:00	22.89	83.3	5.94	6.3	SR13	11/29/2018 13:00	23.07	82.9	5.91	6.7	SR13	11/29/2018 19:00	22.86	81.2	5.79	7.9
SR13	11/29/2018 1:05	22.84	82.7	5.89	7.3	SR13	11/29/2018 7:05	22.90	83.7	5.97	7.2	SR13	11/29/2018 13:05	23.07	82.6	5.89	7.1	SR13	11/29/2018 19:05	22.86	81.4	5.81	6.3
SR13	11/29/2018 1:10	22.83	81.9	5.83	7.7	SR13	11/29/2018 7:10	22.90	82.9	5.91	7.4	SR13	11/29/2018 13:10	23.06	83.3	5.94	8.2	SR13	11/29/2018 19:10	22.87	82.1	5.85	6.7
SR13	11/29/2018 1:15	22.83	82.6	5.88	7.1	SR13	11/29/2018 7:15	22.89	84.0	5.98	7.0	SR13	11/29/2018 13:15	23.07	83.4	5.95	7.7	SR13	11/29/2018 19:15	22.87	82.6	5.89	7.3
SR13	11/29/2018 1:20	22.83	82.3	5.87	6.7	SR13	11/29/2018 7:20	22.88	84.7	6.04	6.0	SR13	11/29/2018 13:20	23.07	83.0	5.91	7.7	SR13	11/29/2018 19:20	22.88	83.0	5.92	7.2
SR13	11/29/2018 1:25	22.84	81.8	5.83	7.0	SR13	11/29/2018 7:25	22.89	84.7	6.04	9.4	SR13	11/29/2018 13:25	23.06	83.2	5.93	6.9	SR13	11/29/2018 19:25	22.86	82.7	5.90	7.8
SR13	11/29/2018 1:30	22.84	82.0	5.84	7.0	SR13	11/29/2018 7:30	22.87	84.0	5.99	8.7	SR13	11/29/2018 13:30	23.07	83.7	5.97	6.7	SR13	11/29/2018 19:30	22.86	81.8	5.83	8.0
SR13	11/29/2018 1:35	22.85	82.7	5.89	7.8	SR13	11/29/2018 7:35	22.89	83.2	5.93	8.4	SR13	11/29/2018 13:35	23.08	82.8	5.91	6.1	SR13	11/29/2018 19:35	22.86	82.5	5.88	7.7
SR13	11/29/2018 1:40	22.86	82.0	5.84	8.2	SR13	11/29/2018 7:40	22.87	84.4	6.02	7.9	SR13	11/29/2018 13:40	23.08	83.6	5.96	7.0	SR13	11/29/2018 19:40	22.85	83.1	5.93	7.5
SR13	11/29/2018 1:45	22.84	81.9	5.84	7.0	SR13	11/29/2018 7:45	22.92	84.0	5.99	6.3	SR13	11/29/2018 13:45	23.09	83.1	5.93	7.2	SR13	11/29/2018 19:45	22.85	82.6	5.89	6.2
SR13	11/29/2018 1:50	22.82	81.4	5.80	5.9	SR13	11/29/2018 7:50	22.92	83.4	5.95	6.6	SR13	11/29/2018 13:50	23.10	83.0	5.92	6.6	SR13	11/29/2018 19:50	22.88	84.0	5.99	7.7
SR13	11/29/2018 1:55	22.82	82.4	5.87	6.4	SR13	11/29/2018 7:55	22.90	84.0	5.98	7.4	SR13	11/29/2018 13:55	23.09	83.2	5.93	6.8	SR13	11/29/2018 19:55	22.86	83.3	5.94	6.6
SR13	11/29/2018 2:00	22.85	82.5	5.88	6.2	SR13	11/29/2018 8:00	22.90	84.7	6.04	6.7	SR13	11/29/2018 14:00	23.08	84.0	5.99	6.9	SR13	11/29/2018 20:00	22.88	84.4	6.02	5.9
SR13	11/29/2018 2:05	22.83	84.1	6.00	6.9	SR13	11/29/2018 8:05	22.90	85.3	6.09	7.4	SR13	11/29/2018 14:05	23.09	82.1	5.85	7.0	SR13	11/29/2018 20:05	22.86	83.9	5.98	6.5
SR13	11/29/2018 2:10	22.85	82.4	5.88	6.9	SR13	11/29/2018 8:10	22.89	84.2	6.01	7.5	SR13	11/29/2018 14:10	23.10	83.0	5.92	7.7	SR13	11/29/2018 20:10	22.88	83.7	5.97	5.9
SR13	11/29/2018 2:15	22.85	82.5	5.87	7.3	SR13	11/29/2018 8:15	22.91	84.7	6.08	6.8	SR13	11/29/2018 14:15	23.10	83.0	5.92	7.0	SR13	11/29/2018 20:15	22.85	83.6	5.96	6.7
SR13	11/29/2018 2:20	22.85	82.9	5.90	5.6	SR13	11/29/2018 8:20	22.93	84.2	6.01	8.7	SR13	11/29/2018 14:20	23.10	81.5	5.81	6.9	SR13	11/29/2018 20:20	22.85	83.6	5.96	7.2
SR13	11/29/2018 2:25	22.85	81.9	5.84	8.0	SR13	11/29/2018 8:25	22.89	84.2	6.07	7.4	SR13	11/29/2018 14:25	23.11	83.1	5.92	7.2	SR13	11/29/2018 20:25	22.87	84.8	6.04	6.5
SR13	11/29/2018 2:30	22.83	81.5	5.81	7.4	SR13	11/29/2018 8:30	22.93	84.5	6.08	7.3	SR13	11/29/2018 14:30	23.11	81.9	5.84	6.6	SR13	11/29/2018 20:30	22.87	83.6	5.96	6.2
SR13	11/29/2018 2:35	22.80	81.5	5.81	7.7	SR13	11/29/2018 8:35	22.91	85.8	6.16	8.0	SR13	11/29/2018 14:35	23.10	83.1	5.93	6.6	SR13	11/29/2018 20:35	22.87	84.0	5.99	7.4
SR13	11/29/2018 2:40	22.80	83.4	5.95	5.7	SR13	11/29/2018 8:40	22.91	85.2	6.16	7.1	SR13	11/29/2018 14:40	23.09	82.4	5.88	7.0	SR13	11/29/2018 20:40	22.87	83.8	5.97	6.7
SR13	11/29/2018 2:45	22.83	82.5	5.88	7.2	SR13	11/29/2018 8:45	22.92	85.6	6.19	7.4	SR13	11/29/2018 14:45	23.09	82.5	5.88	6.8	SR13	11/29/2018 20:45	22.87	84.4	6.02	7.0
SR13	11/29/2018 2:50	22.82	82.7	5.89	7.2	SR13	11/29/2018 8:50	22.92	85.7	6.21	7.5	SR13	11/29/2018 14:50	23.07	82.1	5.85	9.1	SR13	11/29/2018 20:50	22.87	83.6	5.95	6.5
SR13	11/29/2018 2:55	22.84	82.0	5.84	7.0	SR13	11/29/2018 8:55	22.94	84.6	6.11	9.0	SR13	11/29/2018 14:55	23.08	81.2	5.79	7.3	SR13	11/29/2018 20:55	22.85	85.0	6.06	7.6
SR13	11/29/2018 3:00	22.81	82.3	5.87	6.6	SR13	11/29/2018 9:00	23.03	85.5	6.17	6.7	SR13	11/29/2018 15:00	23.09	82.3	5.87	7.7	SR13	11/29/2018 21:00	22.87	83.3	5.94	6.1
SR13	11/29/2018 3:05	22.83	82.2	5.86	6.5	SR13	11/29/2018 9:05	23.03	86.7	6.27	7.7	SR13	11/29/2018 15:05	23.08	81.9	5.84	7.4	SR13	11/29/2018 21:05	22.84	82.8	5.90	6.4
SR13	11/29/2018 3:10	22.80	81.9	5.84	7.7	SR13	11/29/2018 9:10	23.03	85.5	6.19	6.5	SR13	11/29/2018 15:10	23.07	83.5	5.95	7.6	SR13	11/29/2018 21:10	22.84	84.0	5.98	6.3
SR13	11/29/2018 3:15	22.83	83.7	5.96	7.0	SR13	11/29/2018 9:15	23.04	86.6	6.27	7.2	SR13	11/29/2018 15:15	23.08	82.6	5.89	6.2	SR13	11/29/2018 21:15	22.87	82.9	5.91	6.7
SR13	11/29/2018 3:20	22.83	81.9	5.84	6.8	SR13	11/29/2018 9:20	23.03	85.3	6.17	6.7	SR13	11/29/2018 15:20	23.08	83.5	5.95	7.3	SR13	11/29/2018 21:20	22.86	83.5	5.95	7.4
SR13	11/29/2018 3:25	22.84	80.8	5.76	7.6	SR13	11/29/2018 9:25	23.03	85.6	6.18	6.9	SR13	11/29/2018 15:25	23.09	82.9	5.91	6.5	SR13	11/29/2018 21:25	22.87	84.0	5.98	6.5
SR13	11/29/2018 3:30	22.83	82.6	5.89	6.2	SR13	11/29/2018 9:30	23.04	84.8	6.12	7.8	SR13	11/29/2018 15:30	23.09	83.9	5.98	6.4	SR13	11/29/2018 21:30	22.86	83.3	5.94	8.3
SR13	11/29/2018 3:35	22.82	82.9	5.91	5.9	SR13	11/29/2018 9:35	23.03	85.1	6.15	7.9	SR13	11/29/2018 15:35	23.08	82.9	5.90	7.4	SR13	11/29/2018 21:35	22.85	83.1	5.92	6.6
SR13	11/29/2018 3:40	22.82	82.8	5.90	6.1	SR13	11/29/2018 9:40	23.03	86.5	6.26	7.5	SR13	11/29/2018 15:40	23.08	83.4	5.94	6.6	SR13	11/29/2018 21:40	22.86	83.9	5.98	6.1
SR13	11/29/2018 3:45	22.84	81.5	5.81	6.8	SR13	11/29/2018 9:45	23.03	86.3	6.24	7.1	SR13	11/29/2018 15:45	23.08	82.4	5.87	7.4	SR13	11/29/2018 21:45	22.88	84.1	6.00	6.5
SR13	11/29/2018 3:50	22.83	82.8	5.90	6.2	SR13	11/29/2018 9:50	23.03	86.0	6.22	6.7	SR13	11/29/2018 15:50	23.07	83.6	5.96	6.9	SR13	11/29/2018 21:50	22.84	83.6	5.96	6.1
SR13	11/29/2018 3:55	22.82	81.3	5.79	7.0	SR13	11/29/2018 9:55	23.04	85.4	6.18	8.6	SR13	11/29/2018 15:55	23.07	83.1	5.92	8.3	SR13	11/29/2018 21:55	22.85	84.5	6.02	6.4
SR13	11/29/2018 4:00	22.81	83.1	5.92	6.5	SR13	11/29/2018 10:00	23.04	85.5	6.19	7.5	SR13	11/29/2018 16:00	23.07	83.4	5.95	6.4	SR13	11/29/2018 22:00	22.85	83.1	5.92	6.5
SR13	11/29/2018 4:05	22.80	81.6	5.82	7.7	SR13	11/29/2018 10:05	23.04	86.0	6.21	7.1	SR13	11/29/2018 16:05	23.07	82.6	5.89	8.0	SR13	11/29/2018 22:05	22.85	84.3	6.01	6.7
SR13	11/29/2018 4:10	22.82	82.7	5.89	5.7	SR13	11/29/2018 10:10	23.03	86.4	6.25	7.2	SR13	11/29/2018 16:10	23.07	82.8	5.90	6.4	SR13	11/29/2018 22:10	22.83	83.5	5.95	7.0
SR13	11/29/2018 4:15	22.82	83.1	5.93	7.0	SR13	11/29/2018 10:15	23.03	86.4	6.25	7.3	SR13	11/29/2018 16:15	23.05	82.0	5.84	7.2	SR13	11/29/2018 22:15	22.85	84.1	5.99	7.1
SR13	11/29/2018 4:20	22.84	82.6	5.89	6.2	SR13	11/29/2018 10:20	23.04	85.2	6.16	7.1	SR13	11/29/2018 16:20	23.05	82.5	5.88	7.0	SR13	11/29/2018 22:20	22.85	82.3	5.87	8.0
SR13	11/29/2018 4:25	22.83	82.9	5.91	7.4	SR13	11/29/2018 10:25	23.03	86.7	6.26	8.1	SR13	11/29/2018 16:25	23.07	81.9	5.84	6.5	SR13	11/29/2018 22:25	22.83	82.9	5.91	7.2
SR13	11/29/2018 4:30	22.81	83.2	5.93	5.9	SR13	11/29/2018 10:30	23.03	85.1	6.07	6.8	SR13	11/29/2018 16:30	23.08	82.4	5.87	7.9	SR13	11/29/2018 22:30	22.84	82.4	5.87	7.3
SR13	11/29/2018 4:35	22.84	83.7	5.97	6.5	SR13	11/29/2018 10:35	23.03	85.0	6.13	6.2	SR13	11/29/2018 16:35	23.08	82.4	5.87	7.2	SR13	11/29/2018 22:35	22.85	83.6	5.96	6.5
SR13	11/29/2018 4:40	22.83	82.1	5.85	6.7	SR13	11/29/2018 10:40	23.03	84.3	6.08	6.2	SR13	11/29/2018 16:40	23.08	81.8	5.83	6.8	SR13	11/29/2018 22:40	22.85	83.7	5.97	7.2
SR13	11/29/2018 4:45	22.84	82.7	5.90	7.7	SR13	11/29/2018 10:45	23.03	85.4	6.17	6.4	SR13	11/29/2018 16:45	23.08	83.8	5.98	6.0	SR13	11/29/2018 22:45	22.83	82.8	5.90	6.2
SR13	11/29/2018 4:50	22.84	82.2	5.86	6.6	SR13	11/29/2018 10:50	23.03	86.1	6.22	6.7	SR13	11/29/2018 16:50	23.07	82.5	5.88	6.1	SR13	11/29/2018 22:50	22.83	83.0	5.91	6.7
SR13	11/29/2018 4:55	22.82	81.5	5.81	6.2	SR13	11/29/2018 10:55	23.01	85.8	6.12	7.3	SR13	11/29/2018 16:55	23.08	82.5	5.88	7.1	SR13	11/29/2018 22:55	22.83	82.2	5.86	6.7
SR13	11/29/2018 5:00	22.84	81.3	5.80	7.0	SR13	11/29/2018 11:00	23.01	84.5	6.03	7.1	SR13	11/29/2018 17:00	23.08	83.0	5.92	6.7	SR13	11/29/2018 23:00	22.83	83.6	5.96	7.3
SR13	11/29/2018 5:05	22.84	83.6	5.96	6.6	SR13	11/29/2018 11:05	23.02	85.7	6.11	7.5	SR13	11/29/2018 17:05	23.07	81.9	5.84	7.2	SR13	11/29/2018 23:05	22.86	83.7	5.96	6.9
SR13	11/29/2018 5:10	22.83	83.5	5.95	8.1	SR13	11/29/2018 11:10	23.01	84.5	6.03	5.9	SR13	11/29/2018 17:10	23.08	82.5	5.88	7.0	SR13	11/29/2018 23:10	22.85	83.1	5.92	6.2
SR13	11/29/2018 5:15	22.85	81.6	5.81	6.1	SR13	11/29/2018 11:15	23.02	85.4	6.09	6.1	SR13	11/29/2018 17:15	23.08	82.1	5.85	6.1	SR13	11/29/2018 23:15	22.87	82.5	5.88	7.1
SR13	11/29/2018 5:20	22.83	81.8	5.84	7.2	SR13	11/29/2018 11:20	23.01	84.2	6.00	6.7	SR13	11/29/2018 17:20	23.08	81.0	5.77	7.7	SR13	11/29/2018 23:20	22.86	83.1	5.92	6.3
SR13	11/29/2018 5:25	22.85	82.6	5.89	7.6	SR13	11/29/2018 11:25	23.02	85.3	6.09	6.5	SR13	11/29/2018 17:25	23.08	81.5	5.81	7.6	SR13	11/29/2018 23:25	22.85	82.9	5.90	5.9
SR13	11/29/2018 5:30	22.83	82.8	5.91	6.0	SR13	11/29/2018 11:30	23.02	84.1	6.00	6.1	SR13	11/29/2018 17:30	23.07	82.0	5.84	7.5	SR13	11/29/2018 23:30	22.84	83.4	5.95	6.0
SR13	11/29/2018 5:35	22.86	81.7	5.82	7.1	SR13	11/29/2018 11:35	23.01	85.7	6.11	6.7	SR13	11/29/2018 17:35	22.90	83.2	5.93	7.3	SR13	11/29/2018 23:35	22.84	84.0	5.99	6.2
SR13	11/29/2018 5:40	22.89	82.1	5.86	8.4	SR13	11/29/2018 11:40	23.02	84.1	6.00	5.3	SR13	11/29/2018 17:40	22.88	82.2	5.86	6.7	SR13	11/29/2018 23:40	22.84	82.4	5.87	6.2
SR13	11/29/2018 5:45	22.88	82.5	5.88	6.8	SR13	11/29/2018 11:45	23.02	83.9	5.99	7.3	SR13	11/29/2018 17:45	22.87	82.5	5.89	7.5	SR13	11/29/2018 23:45	22.86	83.8	5.97	6.5
SR13	11/29/2018 5:50	22.87	83.2	5.93	7.6	SR13	11/29/2018 11:50	23.02	84.8	6.05	5.8	SR13	11/29/2018 17:50	22.90	82.0	5.84	6.7	SR13	11/29/2018 23:50	22.85	83.4	5.95	7.5
SR13	11/29/2018 5:55	22.89	81.8	5.84	7.3	SR13	11/29/2018 11:55	23.03	84.6	6.03	7.9	SR13	11/29/2018 17:55	22.87	82.5	5.88	7.2	SR13	11/29/2018 23:55	22.84	82.7	5.89	5.9

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	11/29/2018 0:17	0.08				SR12	11/29/2018 0:17	0.10			
SR4	11/29/2018 0:37	0.08				SR12	11/29/2018 0:37	0.07			
SR4	11/29/2018 0:57	0.07				SR12	11/29/2018 0:57	0.09			
SR4	11/29/2018 1:17	0.08				SR12	11/29/2018 1:17	0.10			
SR4	11/29/2018 1:37	0.08				SR12	11/29/2018 1:37	0.08			
SR4	11/29/2018 1:57	0.10				SR12	11/29/2018 1:57	0.07			
SR4	11/29/2018 2:17	0.08				SR12	11/29/2018 2:17	0.08			
SR4	11/29/2018 2:37	0.07				SR12	11/29/2018 2:37	0.09			
SR4	11/29/2018 2:57	0.07				SR12	11/29/2018 2:57	0.08			
SR4	11/29/2018 3:17	0.10				SR12	11/29/2018 3:17	0.09			
SR4	11/29/2018 3:37	0.07				SR12	11/29/2018 3:37	0.07			
SR4	11/29/2018 3:57	0.10				SR12	11/29/2018 3:57	0.05			
SR4	11/29/2018 4:17	0.10				SR12	11/29/2018 4:17	0.07			
SR4	11/29/2018 4:37	0.08				SR12	11/29/2018 4:37	0.10			
SR4	11/29/2018 4:57	0.09				SR12	11/29/2018 4:57	0.14			
SR4	11/29/2018 5:17	0.09				SR12	11/29/2018 5:17	0.09			
SR4	11/29/2018 5:37	0.10				SR12	11/29/2018 5:37	0.12			
SR4	11/29/2018 5:57	0.08				SR12	11/29/2018 5:57	0.08			
SR4						SR12					
SR4	11/29/2018 6:37	0.07				SR12	11/29/2018 6:37	0.09			
SR4	11/29/2018 6:57	0.08				SR12	11/29/2018 6:57	0.12			
SR4	11/29/2018 7:17	0.08				SR12	11/29/2018 7:17	0.10			
SR4	11/29/2018 7:37	0.09				SR12	11/29/2018 7:37	0.09			
SR4	11/29/2018 7:57	0.07				SR12	11/29/2018 7:57	0.12			
SR4	11/29/2018 8:17	0.09				SR12	11/29/2018 8:17	0.11			
SR4	11/29/2018 8:37	0.10				SR12	11/29/2018 8:37	0.11			
SR4	11/29/2018 8:57	0.12				SR12	11/29/2018 8:57	0.08			
SR4	11/29/2018 9:17	0.10				SR12	11/29/2018 9:17	0.08			
SR4	11/29/2018 9:37	0.11				SR12	11/29/2018 9:37	0.10			
SR4	11/29/2018 9:57	0.09				SR12	11/29/2018 9:57	0.07			
SR4	11/29/2018 10:17	0.09				SR12	11/29/2018 10:17	0.07			
SR4	11/29/2018 10:37	0.09				SR12	11/29/2018 10:37	0.07			
SR4	11/29/2018 10:57	0.10				SR12	11/29/2018 10:57	0.09			
SR4	11/29/2018 11:17	0.09				SR12	11/29/2018 11:17	0.07			
SR4	11/29/2018 11:37	0.09				SR12	11/29/2018 11:37	0.06			
SR4	11/29/2018 11:57	0.11				SR12	11/29/2018 11:57	0.07			
SR4	11/29/2018 12:17	0.12				SR12	11/29/2018 12:17	0.09			
SR4	11/29/2018 12:37	0.11				SR12	11/29/2018 12:37	0.11			
SR4	11/29/2018 12:57	0.09				SR12	11/29/2018 12:57	0.09			
SR4	11/29/2018 13:17	0.09				SR12	11/29/2018 13:17	0.08			
SR4	11/29/2018 13:37	0.08				SR12	11/29/2018 13:37	0.08			
SR4	11/29/2018 13:57	0.07				SR12	11/29/2018 13:57	0.08			
SR4	11/29/2018 14:17	0.09				SR12	11/29/2018 14:17	0.07			
SR4	11/29/2018 14:37	0.09				SR12	11/29/2018 14:37	0.08			
SR4	11/29/2018 14:57	0.08				SR12	11/29/2018 14:57	0.07			
SR4	11/29/2018 15:17	0.08				SR12	11/29/2018 15:17	0.10			
SR4	11/29/2018 15:37	0.07				SR12	11/29/2018 15:37	0.09			
SR4	11/29/2018 15:57	0.07				SR12	11/29/2018 15:57	0.06			
SR4	11/29/2018 16:17	0.07				SR12	11/29/2018 16:17	0.08			
SR4	11/29/2018 16:37	0.09				SR12	11/29/2018 16:37	0.07			
SR4	11/29/2018 16:57	0.09				SR12	11/29/2018 16:57	0.09			
SR4	11/29/2018 17:17	0.07				SR12	11/29/2018 17:17	0.08			
SR4	11/29/2018 17:37	0.08				SR12	11/29/2018 17:37	0.09			
SR4	11/29/2018 17:57	0.08				SR12	11/29/2018 17:57	0.07			
SR4	11/29/2018 18:17	0.08				SR12	11/29/2018 18:17	0.08			
SR4	11/29/2018 18:37	0.10				SR12	11/29/2018 18:37	0.08			
SR4	11/29/2018 18:57	0.08				SR12	11/29/2018 18:57	0.07			
SR4	11/29/2018 19:17	0.08				SR12	11/29/2018 19:17	0.11			
SR4	11/29/2018 19:37	0.08				SR12	11/29/2018 19:37	0.09			
SR4	11/29/2018 19:57	0.08				SR12	11/29/2018 19:57	0.12			
SR4	11/29/2018 20:17	0.09				SR12	11/29/2018 20:17	0.10			
SR4	11/29/2018 20:37	0.07				SR12	11/29/2018 20:37	0.06			
SR4	11/29/2018 20:57	0.07				SR12	11/29/2018 20:57	0.07			
SR4	11/29/2018 21:17	0.08				SR12	11/29/2018 21:17	0.07			
SR4	11/29/2018 21:37	0.10				SR12	11/29/2018 21:37	0.08			
SR4	11/29/2018 21:57	0.08				SR12	11/29/2018 21:57	0.10			
SR4	11/29/2018 22:17	0.07				SR12	11/29/2018 22:17	0.13			
SR4	11/29/2018 22:37	0.08				SR12	11/29/2018 22:37	0.12			
SR4	11/29/2018 22:57	0.07				SR12	11/29/2018 22:57	0.09			
SR4	11/29/2018 23:17	0.09				SR12	11/29/2018 23:17	0.10			
SR4	11/29/2018 23:37	0.10				SR12	11/29/2018 23:37	0.10			
SR4	11/29/2018 23:57	0.10				SR12	11/29/2018 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.
SR5 monitoring station was under maintenance during 13:35-14:00.

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	11/30/2018 0:01	22.71	76.6	5.51	1.9	SR4	11/30/2018 6:01	22.71	76.5	5.50	3.2	SR4	11/30/2018 12:01	22.70	76.5	5.50	4.4	SR4	11/30/2018 18:01	22.72	76.2	5.48	2.6
SR4	11/30/2018 0:06	22.68	77.1	5.55	5.7	SR4	11/30/2018 6:06	22.74	76.7	5.52	1.4	SR4	11/30/2018 12:06	22.73	75.6	5.44	4.8	SR4	11/30/2018 18:06	22.73	76.7	5.52	4.7
SR4	11/30/2018 0:11	22.71	76.3	5.49	2.8	SR4	11/30/2018 6:11	22.69	76.3	5.49	3.3	SR4	11/30/2018 12:11	22.73	75.6	5.44	1.8	SR4	11/30/2018 18:11	22.71	75.8	5.45	4.9
SR4	11/30/2018 0:16	22.67	76.5	5.50	1.3	SR4	11/30/2018 6:16	22.69	76.6	5.51	2.5	SR4	11/30/2018 12:16	22.73	76.5	5.50	5.4	SR4	11/30/2018 18:16	22.72	76.2	5.48	3.7
SR4	11/30/2018 0:21	22.72	76.7	5.52	1.6	SR4	11/30/2018 6:21	22.70	76.7	5.52	5.2	SR4	11/30/2018 12:21	22.73	75.9	5.46	5.0	SR4	11/30/2018 18:21	22.73	76.9	5.53	2.0
SR4	11/30/2018 0:26	22.69	77.0	5.54	1.9	SR4	11/30/2018 6:26	22.73	76.3	5.49	5.0	SR4	11/30/2018 12:26	22.74	76.5	5.50	5.3	SR4	11/30/2018 18:26	22.76	75.8	5.45	2.4
SR4	11/30/2018 0:31	22.72	76.9	5.53	2.3	SR4	11/30/2018 6:31	22.71	76.0	5.47	2.8	SR4	11/30/2018 12:31	22.70	75.5	5.43	5.8	SR4	11/30/2018 18:31	22.72	76.7	5.52	3.4
SR4	11/30/2018 0:36	22.72	76.3	5.49	4.5	SR4	11/30/2018 6:36	22.73	76.3	5.49	2.2	SR4	11/30/2018 12:36	22.73	75.5	5.43	5.0	SR4	11/30/2018 18:36	22.76	75.9	5.46	3.3
SR4	11/30/2018 0:41	22.72	76.3	5.49	3.9	SR4	11/30/2018 6:41	22.71	76.6	5.51	4.8	SR4	11/30/2018 12:41	22.74	75.9	5.46	3.2	SR4	11/30/2018 18:41	22.77	77.0	5.54	5.5
SR4	11/30/2018 0:46	22.70	75.8	5.45	3.4	SR4	11/30/2018 6:46	22.70	76.5	5.50	4.4	SR4	11/30/2018 12:46	22.73	76.2	5.48	5.3	SR4	11/30/2018 18:46	22.74	77.3	5.56	5.2
SR4	11/30/2018 0:51	22.71	76.5	5.50	2.6	SR4	11/30/2018 6:51	22.70	75.9	5.46	4.6	SR4	11/30/2018 12:51	22.72	76.0	5.47	2.3	SR4	11/30/2018 18:51	22.77	76.3	5.49	2.9
SR4	11/30/2018 0:56	22.68	76.5	5.50	4.0	SR4	11/30/2018 6:56	22.72	76.2	5.48	4.0	SR4	11/30/2018 12:56	22.73	75.6	5.44	3.7	SR4	11/30/2018 18:56	22.75	76.9	5.53	5.3
SR4	11/30/2018 1:01	22.70	75.8	5.45	4.5	SR4	11/30/2018 7:01	22.71	76.5	5.50	3.3	SR4	11/30/2018 13:01	22.71	76.5	5.50	4.4	SR4	11/30/2018 19:01	22.75	76.0	5.47	4.9
SR4	11/30/2018 1:06	22.67	76.6	5.51	3.4	SR4	11/30/2018 7:06	22.72	76.0	5.47	4.1	SR4	11/30/2018 13:06	22.70	75.8	5.45	3.7	SR4	11/30/2018 19:06	22.72	77.1	5.55	3.7
SR4	11/30/2018 1:11	22.71	75.8	5.45	1.1	SR4	11/30/2018 7:11	22.74	76.5	5.50	2.2	SR4	11/30/2018 13:11	22.74	76.3	5.49	4.0	SR4	11/30/2018 19:11	22.72	76.9	5.53	3.8
SR4	11/30/2018 1:16	22.70	75.9	5.46	6.5	SR4	11/30/2018 7:16	22.73	76.3	5.49	2.3	SR4	11/30/2018 13:16	22.75	76.5	5.50	6.1	SR4	11/30/2018 19:16	22.77	76.6	5.51	1.9
SR4	11/30/2018 1:21	22.68	76.6	5.51	2.9	SR4	11/30/2018 7:21	22.69	76.6	5.51	6.0	SR4	11/30/2018 13:21	22.72	76.2	5.48	1.9	SR4	11/30/2018 19:21	22.76	75.6	5.44	3.6
SR4	11/30/2018 1:26	22.72	76.6	5.51	3.8	SR4	11/30/2018 7:26	22.70	76.2	5.48	5.1	SR4	11/30/2018 13:26	22.75	75.8	5.45	6.2	SR4	11/30/2018 19:26	22.73	77.0	5.54	2.8
SR4	11/30/2018 1:31	22.70	75.8	5.45	5.0	SR4	11/30/2018 7:31	22.71	76.5	5.50	6.1	SR4	11/30/2018 13:31	22.77	76.3	5.49	2.3	SR4	11/30/2018 19:31	22.75	76.0	5.47	3.1
SR4	11/30/2018 1:36	22.72	76.3	5.49	2.2	SR4	11/30/2018 7:36	22.69	76.2	5.48	3.9	SR4	11/30/2018 13:36	22.74	75.9	5.46	4.2	SR4	11/30/2018 19:36	22.75	75.9	5.46	3.3
SR4	11/30/2018 1:41	22.69	76.2	5.48	**10.1**	SR4	11/30/2018 7:41	22.71	76.2	5.48	5.5	SR4	11/30/2018 13:41	22.74	75.8	5.45	5.6	SR4	11/30/2018 19:41	22.76	75.6	5.44	1.8
SR4	11/30/2018 1:46	22.67	75.8	5.45	2.7	SR4	11/30/2018 7:46	22.70	76.3	5.49	4.6	SR4	11/30/2018 13:46	22.75	76.5	5.50	1.8	SR4	11/30/2018 19:46	22.72	77.1	5.55	2.2
SR4	11/30/2018 1:51	22.71	76.5	5.50	6.2	SR4	11/30/2018 7:51	22.74	76.0	5.47	3.8	SR4	11/30/2018 13:51	22.73	75.6	5.44	2.7	SR4	11/30/2018 19:51	22.73	76.2	5.48	2.6
SR4	11/30/2018 1:56	22.71	76.6	5.51	4.8	SR4	11/30/2018 7:56	22.69	76.7	5.52	5.6	SR4	11/30/2018 13:56	22.75	76.3	5.49	5.3	SR4	11/30/2018 19:56	22.71	77.1	5.55	5.5
SR4	11/30/2018 2:01	22.71	75.8	5.45	3.7	SR4	11/30/2018 8:01	22.70	76.2	5.48	5.1	SR4	11/30/2018 14:01	22.76	76.3	5.49	4.9	SR4	11/30/2018 20:01	22.71	75.8	5.45	4.0
SR4	11/30/2018 2:06	22.69	75.8	5.45	1.6	SR4	11/30/2018 8:06	22.69	76.3	5.49	4.5	SR4	11/30/2018 14:06	22.76	76.3	5.49	5.5	SR4	11/30/2018 20:06	22.76	77.3	5.56	4.4
SR4	11/30/2018 2:11	22.69	76.2	5.48	3.6	SR4	11/30/2018 8:11	22.73	75.5	5.43	4.5	SR4	11/30/2018 14:11	22.75	75.9	5.46	2.8	SR4	11/30/2018 20:11	22.73	75.9	5.46	2.3
SR4	11/30/2018 2:16	22.72	76.7	5.52	1.2	SR4	11/30/2018 8:16	22.72	76.2	5.48	4.3	SR4	11/30/2018 14:16	22.75	76.0	5.47	5.1	SR4	11/30/2018 20:16	22.71	76.5	5.50	3.6
SR4	11/30/2018 2:21	22.68	76.0	5.47	3.8	SR4	11/30/2018 8:21	22.74	75.8	5.45	2.2	SR4	11/30/2018 14:21	22.73	76.2	5.48	4.2	SR4	11/30/2018 20:21	22.76	77.1	5.55	4.4
SR4	11/30/2018 2:26	22.71	76.3	5.49	1.8	SR4	11/30/2018 8:26	22.72	75.6	5.44	3.4	SR4	11/30/2018 14:26	22.72	76.3	5.49	5.7	SR4	11/30/2018 20:26	22.73	76.3	5.49	2.9
SR4	11/30/2018 2:31	22.68	76.2	5.48	3.5	SR4	11/30/2018 8:31	22.73	76.2	5.48	1.6	SR4	11/30/2018 14:31	22.76	75.9	5.46	3.5	SR4	11/30/2018 20:31	22.76	76.5	5.50	1.9
SR4	11/30/2018 2:36	22.69	76.3	5.49	2.9	SR4	11/30/2018 8:36	22.72	75.8	5.45	3.6	SR4	11/30/2018 14:36	22.75	76.5	5.50	5.5	SR4	11/30/2018 20:36	22.74	77.3	5.56	2.5
SR4	11/30/2018 2:41	22.72	76.6	5.51	2.8	SR4	11/30/2018 8:41	22.70	76.2	5.48	4.1	SR4	11/30/2018 14:41	22.77	76.2	5.48	3.0	SR4	11/30/2018 20:41	22.72	75.6	5.44	5.3
SR4	11/30/2018 2:46	22.70	75.9	5.46	2.0	SR4	11/30/2018 8:46	22.71	75.9	5.46	4.3	SR4	11/30/2018 14:46	22.73	75.9	5.46	6.1	SR4	11/30/2018 20:46	22.72	76.9	5.53	4.2
SR4	11/30/2018 2:51	22.72	76.2	5.48	3.3	SR4	11/30/2018 8:51	22.71	76.2	5.48	4.4	SR4	11/30/2018 14:51	22.72	75.8	5.45	1.8	SR4	11/30/2018 20:51	22.77	77.0	5.54	3.8
SR4	11/30/2018 2:56	22.68	76.2	5.48	2.6	SR4	11/30/2018 8:56	22.70	75.8	5.45	4.5	SR4	11/30/2018 14:56	22.72	75.6	5.44	5.1	SR4	11/30/2018 20:56	22.76	76.7	5.52	4.3
SR4	11/30/2018 3:01	22.71	76.3	5.49	3.6	SR4	11/30/2018 9:01	22.74	76.0	5.47	5.6	SR4	11/30/2018 15:01	22.72	75.5	5.43	5.5	SR4	11/30/2018 21:01	22.77	75.8	5.45	5.4
SR4	11/30/2018 3:06	22.70	76.5	5.50	3.5	SR4	11/30/2018 9:06	22.73	75.9	5.46	2.9	SR4	11/30/2018 15:06	22.72	75.8	5.45	2.3	SR4	11/30/2018 21:06	22.73	76.9	5.53	3.8
SR4	11/30/2018 3:11	22.69	75.9	5.46	2.1	SR4	11/30/2018 9:11	22.72	75.8	5.45	2.9	SR4	11/30/2018 15:11	22.73	76.0	5.47	1.8	SR4	11/30/2018 21:11	22.77	76.3	5.49	4.1
SR4	11/30/2018 3:16	22.71	76.6	5.51	2.5	SR4	11/30/2018 9:16	22.74	75.6	5.44	3.9	SR4	11/30/2018 15:16	22.75	76.3	5.49	4.9	SR4	11/30/2018 21:16	22.75	75.9	5.46	5.2
SR4	11/30/2018 3:21	22.69	76.2	5.48	5.1	SR4	11/30/2018 9:21	22.72	76.0	5.47	4.6	SR4	11/30/2018 15:21	22.75	76.5	5.50	4.6	SR4	11/30/2018 21:21	22.75	76.6	5.51	4.0
SR4	11/30/2018 3:26	22.69	76.0	5.47	4.5	SR4	11/30/2018 9:26	22.71	76.3	5.49	2.6	SR4	11/30/2018 15:26	22.78	77.7	5.59	2.0	SR4	11/30/2018 21:26	22.75	76.7	5.52	5.3
SR4	11/30/2018 3:31	22.70	76.3	5.49	5.6	SR4	11/30/2018 9:31	22.70	75.5	5.43	5.3	SR4	11/30/2018 15:31	22.79	77.5	5.57	4.0	SR4	11/30/2018 21:31	22.71	75.6	5.44	2.0
SR4	11/30/2018 3:36	22.68	76.7	5.52	4.5	SR4	11/30/2018 9:36	22.69	75.9	5.46	5.7	SR4	11/30/2018 15:36	22.80	78.3	5.63	5.3	SR4	11/30/2018 21:36	22.71	76.9	5.53	5.4
SR4	11/30/2018 3:41	22.69	76.3	5.49	1.4	SR4	11/30/2018 9:41	22.72	75.5	5.43	5.8	SR4	11/30/2018 15:41	22.77	78.2	5.63	2.4	SR4	11/30/2018 21:41	22.77	76.6	5.51	3.5
SR4	11/30/2018 3:46	22.71	75.9	5.46	2.1	SR4	11/30/2018 9:46	22.69	75.9	5.46	5.9	SR4	11/30/2018 15:46	22.77	76.6	5.51	2.3	SR4	11/30/2018 21:46	22.75	76.6	5.51	4.1
SR4	11/30/2018 3:51	22.72	76.7	5.52	2.3	SR4	11/30/2018 9:51	22.69	76.0	5.47	2.9	SR4	11/30/2018 15:51	22.77	77.4	5.57	4.7	SR4	11/30/2018 21:51	22.72	75.6	5.44	2.3
SR4	11/30/2018 3:56	22.72	76.6	5.51	2.0	SR4	11/30/2018 9:56	22.70	75.5	5.43	1.8	SR4	11/30/2018 15:56	22.76	76.6	5.51	1.8	SR4	11/30/2018 21:56	22.76	77.3	5.56	4.5
SR4	11/30/2018 4:01	22.71	75.8	5.45	3.6	SR4	11/30/2018 10:01	22.69	76.2	5.48	3.3	SR4	11/30/2018 16:01	22.73	72.8	5.44	2.9	SR4	11/30/2018 22:01	22.71	75.6	5.44	2.8
SR4	11/30/2018 4:06	22.69	75.8	5.45	2.2	SR4	11/30/2018 10:06	22.73	75.6	5.44	3.7	SR4	11/30/2018 16:06	22.73	75.9	5.49	6.7	SR4	11/30/2018 22:06	22.76	75.8	5.45	2.1
SR4	11/30/2018 4:11	22.68	76.6	5.51	5.4	SR4	11/30/2018 10:11	22.72	75.5	5.43	4.6	SR4	11/30/2018 16:11	22.75	77.4	5.57	2.2	SR4	11/30/2018 22:11	22.77	75.8	5.45	4.5
SR4	11/30/2018 4:16	22.68	75.8	5.45	1.5	SR4	11/30/2018 10:16	22.72	75.6	5.44	1.5	SR4	11/30/2018 16:16	22.76	78.0	5.61	1.8	SR4	11/30/2018 22:16	22.77	75.9	5.46	2.2
SR4	11/30/2018 4:21	22.68	76.7	5.52	5.1	SR4	11/30/2018 10:21	22.72	76.0	5.47	5.7	SR4	11/30/2018 16:21	22.76	77.5	5.57	1.2	SR4	11/30/2018 22:21	22.71	75.6	5.44	2.1
SR4	11/30/2018 4:26	22.69	76.6	5.51	2.7	SR4	11/30/2018 10:26	22.70	76.0	5.47	1.9	SR4	11/30/2018 16:26	22.75	77.7	5.59	1.6	SR4	11/30/2018 22:26	22.75	76.0	5.47	2.5
SR4	11/30/2018 4:31	22.70	76.6	5.51	2.2	SR4	11/30/2018 10:31	22.72	75.6	5.44	2.0	SR4	11/30/2018 16:31	22.75	76.3	5.49	1.2	SR4	11/30/2018 22:31	22.74	76.7	5.52	2.1
SR4	11/30/2018 4:36	22.69	76.6	5.51	3.1	SR4						SR4	11/30/2018 16:36	22.76	74.9	5.39	3.8	SR4	11/30/2018 22:36	22.72	75.6	5.44	3.0
SR4	11/30/2018 4:41	22.71	76.7	5.52	3.4	SR4						SR4	11/30/2018 16:41	22.75	77.5	5.58	1.1	SR4	11/30/2018 22:41	22.74	76.0	5.47	4.2
SR4	11/30/2018 4:46	22.72	76.6	5.51	1.9	SR4						SR4	11/30/2018 16:46	22.75	76.1	5.48	1.1	SR4	11/30/2018 22:46	22.75	76.7	5.52	3.1
SR4	11/30/2018 4:51	22.71	76.6	5.51	3.4	SR4						SR4	11/30/2018 16:51	22.75	74.3	5.35	3.3	SR4	11/30/2018 22:51	22.71	77.0	5.54	1.9
SR4	11/30/2018 4:56	22.72	76.2	5.48	5.2	SR4						SR4	11/30/2018 16:56	22.75	74.8	5.38	1.7	SR4	11/30/2018 22:56	22.75	77.1	5.55	5.4
SR4	11/30/2018 5:01	22.69	76.6	5.51	1.7	SR4						SR4	11/30/2018 17:01	22.75	76.3	5.49	2.5	SR4	11/30/2018 23:01	22.74	76.2	5.48	2.6
SR4	11/30/2018 5:06	22.74	76.2	5.48	2.7	SR4						SR4	11/30/2018 17:06	22.76	77.3	5.56	1.7	SR4	11/30/2018 23:06	22.74	75.8	5.45	2.6
SR4	11/30/2018 5:11	22.72	76.0	5.47	1.7	SR4						SR4	11/30/2018 17:11	22.72	76.2	5.48	2.9	SR4	11/30/2018 23:11	22.71	76.3	5.49	4.0
SR4	11/30/2018 5:16	22.71	76.0	5.47	5.9	SR4						SR4	11/30/2018 17:16	22.74	76.7	5.52	3.6	SR4	11/30/2018 23:16	22.72	76.2	5.48	5.3
SR4	11/30/2018 5:21	22.69	76.0	5.47	2.3	SR4						SR4	11/30/2018 17:21	22.77	76.0	5.47	3.5	SR4	11/30/2018 23:21	22.77	75.9	5.46	4.4
SR4	11/30/2018 5:26	22.70	76.2	5.48	5.1	SR4						SR4	11/30/2018 17:26	22.75	75.6	5.44	1.7	SR4	11/30/2018 23:26	22.75	76.9	5.53	2.6
SR4	11/30/2018 5:31	22.70	75.9	5.46	3.3	SR4						SR4	11/30/2018 17:31	22.72	76.3	5.49	2.6	SR4	11/30/2018 23:31	22.75	76.0	5.47	4.5
SR4	11/30/2018 5:36	22.71	76.3	5.49	1.6	SR4						SR4	11/30/2018 17:36	22.74	75.8	5.45	3.0	SR4	11/30/2018 23:36	22.77	76.2	5.48	4.5
SR4	11/30/2018 5:41	22.73	76.0	5.47	3.3	SR4	11/30/2018 11:41	22.73	76.5	5.50	6.0	SR4	11/30/2018 17:41	22.74	75.9	5.46	4.2	SR4	11/30/2018 23:41	22.73	77.1	5.55	4.3
SR4	11/30/2018 5:46	22.70	76.5	5.50	4.1	SR4	11/30/2018 11:46	22.74	75.9	5.46	2.6	SR4	11/30/2018 17:46	22.74	76.3	5.49	5.2	SR4	11/30/2018 23:46	22.71	76.2	5.48	1.7
SR4	11/30/2018 5:51	22.73	76.3	5.49	4.6	SR4	11/30/2018 11:51	22.74	76.0	5.47	1.6	SR4	11/30/2018 17:51	22.77	76.2	5.48	3.6	SR4	11/30/2018 23:51	22.74	76.7	5.52	4.9
SR4	11/30/2018 5:56	22.71	76.5	5.50	5.8	SR4	11/30/2018 11:56	22.71	76.2	5.48	5.8	SR4	11/30/2018 17:56	22.71	77.1	5.55	5.0	SR4	11/30/2018 23:56	22.72	75.8	5.45	4.1

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	11/30/2018 0:00	22.89	88.8	6.34	3.8	SR5	11/30/2018 6:00	22.88	93.1	6.65	7.4	SR5	11/30/2018 12:00	23.06	90.3	6.45	2.9	SR5	11/30/2018 18:00	22.91	91.8	6.56	1.8
SR5	11/30/2018 0:05	22.87	90.2	6.44	3.9	SR5	11/30/2018 6:05	22.87	90.1	6.44	3.4	SR5	11/30/2018 12:05	23.08	90.8	6.49	4.6	SR5	11/30/2018 18:05	22.91	89.2	6.37	2.6
SR5	11/30/2018 0:10	22.90	93.6	6.68	3.2	SR5	11/30/2018 6:10	22.91	88.8	6.35	3.2	SR5	11/30/2018 12:10	23.06	90.4	6.46	2.8	SR5	11/30/2018 18:10	22.88	91.1	6.51	2.2
SR5	11/30/2018 0:15	22.87	93.8	6.70	3.6	SR5	11/30/2018 6:15	22.91	90.1	6.44	3.8	SR5	11/30/2018 12:15	23.01	94.1	6.72	3.3	SR5	11/30/2018 18:15	22.88	88.8	6.35	3.4
SR5	11/30/2018 0:20	22.89	92.0	6.57	1.6	SR5	11/30/2018 6:20	22.85	92.0	6.57	3.3	SR5	11/30/2018 12:20	23.01	89.8	6.41	3.1	SR5	11/30/2018 18:20	22.84	92.4	6.60	2.9
SR5	11/30/2018 0:25	22.92	91.2	6.51	4.5	SR5	11/30/2018 6:25	22.86	93.7	6.69	3.2	SR5	11/30/2018 12:25	23.01	94.5	6.75	3.0	SR5	11/30/2018 18:25	22.83	92.4	6.61	3.2
SR5	11/30/2018 0:30	22.87	89.5	6.39	3.8	SR5	11/30/2018 6:30	22.87	88.9	6.35	2.4	SR5	11/30/2018 12:30	23.03	91.7	6.55	3.5	SR5	11/30/2018 18:30	22.88	89.7	6.41	2.7
SR5	11/30/2018 0:35	22.91	92.5	6.61	2.5	SR5	11/30/2018 6:35	22.88	93.0	6.65	3.7	SR5	11/30/2018 12:35	23.05	91.2	6.52	3.9	SR5	11/30/2018 18:35	22.88	90.9	6.49	2.4
SR5	11/30/2018 0:40	22.91	89.6	6.40	1.9	SR5	11/30/2018 6:40	22.86	94.2	6.73	4.0	SR5	11/30/2018 12:40	23.08	93.9	6.71	3.5	SR5	11/30/2018 18:40	22.91	92.7	6.62	3.2
SR5	11/30/2018 0:45	22.91	92.5	6.60	3.5	SR5	11/30/2018 6:45	22.86	89.5	6.39	2.9	SR5	11/30/2018 12:45	23.03	93.6	6.68	4.4	SR5	11/30/2018 18:45	22.87	93.0	6.65	2.4
SR5	11/30/2018 0:50	22.88	89.3	6.37	4.2	SR5	11/30/2018 6:50	22.89	90.1	6.44	2.9	SR5	11/30/2018 12:50	23.04	89.3	6.38	2.7	SR5	11/30/2018 18:50	22.90	92.0	6.57	2.1
SR5	11/30/2018 0:55	22.88	89.5	6.39	3.6	SR5	11/30/2018 6:55	22.88	90.9	6.50	2.2	SR5	11/30/2018 12:55	23.05	89.1	6.37	2.9	SR5	11/30/2018 18:55	22.87	94.6	6.75	4.5
SR5	11/30/2018 1:00	22.88	93.3	6.66	2.6	SR5	11/30/2018 7:00	22.86	92.0	6.58	3.9	SR5	11/30/2018 13:00	23.05	90.1	6.43	5.1	SR5	11/30/2018 19:00	22.86	92.7	6.62	3.0
SR5	11/30/2018 1:05	22.90	92.9	6.63	2.7	SR5	11/30/2018 7:05	22.88	93.0	6.65	4.9	SR5	11/30/2018 13:05	23.05	89.2	6.37	2.2	SR5	11/30/2018 19:05	22.88	90.7	6.48	4.1
SR5	11/30/2018 1:10	22.89	90.1	6.43	6.5	SR5	11/30/2018 7:10	22.88	91.5	6.53	4.7	SR5	11/30/2018 13:10	23.12	89.5	6.39	3.7	SR5	11/30/2018 19:10	22.87	91.7	6.55	3.3
SR5	11/30/2018 1:15	22.88	90.7	6.48	4.9	SR5	11/30/2018 7:15	22.87	93.7	6.69	3.1	SR5	11/30/2018 13:15	23.09	92.0	6.57	4.3	SR5	11/30/2018 19:15	22.86	94.2	6.73	3.3
SR5	11/30/2018 1:20	22.93	91.4	6.52	3.4	SR5	11/30/2018 7:20	22.85	91.0	6.50	2.9	SR5	11/30/2018 13:20	23.09	92.7	6.62	2.9	SR5	11/30/2018 19:20	22.88	90.6	6.48	4.4
SR5	11/30/2018 1:25	22.90	93.6	6.68	3.7	SR5	11/30/2018 7:25	22.90	91.7	6.55	4.6	SR5	11/30/2018 13:25	23.08	91.9	6.56	3.6	SR5	11/30/2018 19:25	22.90	91.1	6.51	3.4
SR5	11/30/2018 1:30	22.94	90.7	6.47	4.7	SR5	11/30/2018 7:30	22.88	91.9	6.56	3.7	SR5	11/30/2018 13:30	23.06	88.8	6.34	3.6	SR5	11/30/2018 19:30	22.90	91.1	6.51	2.5
SR5	11/30/2018 1:35	22.90	89.2	6.37	2.7	SR5	11/30/2018 7:35	22.87	90.5	6.46	5.3	SR5	11/30/2018 13:35	23.07	90.7	6.48	3.9	SR5	11/30/2018 19:35	22.92	90.0	6.43	3.2
SR5	11/30/2018 1:40	22.92	91.3	6.52	3.5	SR5	11/30/2018 7:40	22.86	89.7	6.41	4.9	SR5	11/30/2018 13:40	23.07	90.8	6.49	4.3	SR5	11/30/2018 19:40	22.91	94.3	6.73	2.1
SR5	11/30/2018 1:45	22.86	93.1	6.65	3.0	SR5	11/30/2018 7:45	22.84	94.6	6.76	4.7	SR5	11/30/2018 13:45	23.19	93.5	6.68	1.9	SR5	11/30/2018 19:45	22.87	93.7	6.69	2.6
SR5	11/30/2018 1:50	22.92	92.8	6.62	4.3	SR5	11/30/2018 7:50	22.89	92.0	6.57	4.3	SR5	11/30/2018 13:50	23.04	91.2	6.51	1.8	SR5	11/30/2018 19:50	22.85	91.7	6.55	4.1
SR5	11/30/2018 1:55	22.88	89.4	6.38	3.6	SR5	11/30/2018 7:55	22.88	93.8	6.70	3.7	SR5	11/30/2018 13:55	23.03	90.7	6.48	3.8	SR5	11/30/2018 19:55	22.89	91.2	6.52	4.9
SR5	11/30/2018 2:00	22.86	91.1	6.51	1.7	SR5	11/30/2018 8:00	22.89	94.8	6.77	3.8	SR5	11/30/2018 14:00	23.05	92.3	6.59	3.7	SR5	11/30/2018 20:00	22.88	89.6	6.40	4.9
SR5	11/30/2018 2:05	22.91	93.6	6.69	3.4	SR5	11/30/2018 8:05	22.82	91.4	6.53	3.2	SR5	11/30/2018 14:05	23.04	93.0	6.64	3.8	SR5	11/30/2018 20:05	22.88	92.6	6.61	4.0
SR5	11/30/2018 2:10	22.87	90.5	6.46	2.9	SR5	11/30/2018 8:10	22.90	92.5	6.61	4.6	SR5	11/30/2018 14:10	23.05	93.1	6.65	2.0	SR5	11/30/2018 20:10	22.88	94.4	6.74	3.9
SR5	11/30/2018 2:15	22.90	93.8	6.70	2.6	SR5	11/30/2018 8:15	22.86	89.8	6.42	5.0	SR5	11/30/2018 14:15	23.06	89.5	6.40	3.9	SR5	11/30/2018 20:15	22.85	91.6	6.54	3.9
SR5	11/30/2018 2:20	22.92	93.2	6.65	2.9	SR5	11/30/2018 8:20	22.88	93.5	6.68	2.3	SR5	11/30/2018 14:20	23.07	90.9	6.49	2.8	SR5	11/30/2018 20:20	22.87	89.9	6.42	3.7
SR5	11/30/2018 2:25	22.90	89.8	6.41	3.0	SR5	11/30/2018 8:25	22.83	93.5	6.68	3.4	SR5	11/30/2018 14:25	23.08	93.7	6.69	3.8	SR5	11/30/2018 20:25	22.89	93.6	6.68	3.8
SR5	11/30/2018 2:30	22.88	89.0	6.35	4.8	SR5	11/30/2018 8:30	22.84	94.3	6.74	4.0	SR5	11/30/2018 14:30	23.08	91.1	6.51	4.3	SR5	11/30/2018 20:30	22.88	90.9	6.49	2.3
SR5	11/30/2018 2:35	22.91	92.2	6.58	4.5	SR5	11/30/2018 8:35	22.85	92.9	6.63	3.9	SR5	11/30/2018 14:35	23.08	90.8	6.48	4.2	SR5	11/30/2018 20:35	22.90	89.3	6.38	2.6
SR5	11/30/2018 2:40	22.87	92.3	6.59	3.1	SR5	11/30/2018 8:40	22.86	93.2	6.66	3.7	SR5	11/30/2018 14:40	23.09	92.5	6.61	3.6	SR5	11/30/2018 20:40	22.85	91.2	6.51	4.3
SR5	11/30/2018 2:45	22.91	90.0	6.43	2.2	SR5	11/30/2018 8:45	22.82	90.2	6.44	4.3	SR5	11/30/2018 14:45	23.09	93.7	6.69	3.4	SR5	11/30/2018 20:45	22.88	93.5	6.68	3.6
SR5	11/30/2018 2:50	22.89	90.8	6.48	3.9	SR5	11/30/2018 8:50	22.83	91.9	6.56	2.4	SR5	11/30/2018 14:50	23.10	90.5	6.46	3.6	SR5	11/30/2018 20:50	22.91	94.4	6.75	3.0
SR5	11/30/2018 2:55	22.88	89.7	6.40	3.6	SR5	11/30/2018 8:55	22.85	90.3	6.45	3.2	SR5	11/30/2018 14:55	23.10	90.0	6.43	4.2	SR5	11/30/2018 20:55	22.90	92.5	6.60	3.0
SR5	11/30/2018 3:00	22.87	93.5	6.67	1.6	SR5	11/30/2018 9:00	22.85	95.5	6.82	4.8	SR5	11/30/2018 15:00	23.10	91.9	6.56	5.6	SR5	11/30/2018 21:00	22.88	94.1	6.72	3.5
SR5	11/30/2018 3:05	22.88	93.0	6.64	3.4	SR5	11/30/2018 9:05	22.86	95.1	6.79	2.7	SR5	11/30/2018 15:05	23.10	89.2	6.37	3.2	SR5	11/30/2018 21:05	22.87	90.5	6.46	3.7
SR5	11/30/2018 3:10	22.90	92.4	6.60	1.8	SR5	11/30/2018 9:10	22.87	93.8	6.70	6.3	SR5	11/30/2018 15:10	23.11	90.8	6.48	2.3	SR5	11/30/2018 21:10	22.88	92.3	6.60	4.3
SR5	11/30/2018 3:15	22.90	93.6	6.68	2.0	SR5	11/30/2018 9:15	22.87	93.5	6.68	2.0	SR5	11/30/2018 15:15	23.12	90.4	6.46	4.4	SR5	11/30/2018 21:15	22.90	89.1	6.37	4.2
SR5	11/30/2018 3:20	22.86	91.1	6.51	2.8	SR5	11/30/2018 9:20	22.88	91.1	6.51	2.8	SR5	11/30/2018 15:20	23.12	92.0	6.57	2.8	SR5	11/30/2018 21:20	22.91	92.7	6.62	3.9
SR5	11/30/2018 3:25	22.85	92.0	6.57	3.9	SR5	11/30/2018 9:25	22.89	91.4	6.53	3.5	SR5	11/30/2018 15:25	23.12	90.6	6.47	2.4	SR5	11/30/2018 21:25	22.89	92.5	6.61	3.0
SR5	11/30/2018 3:30	22.91	92.6	6.62	4.4	SR5	11/30/2018 9:30	22.90	93.3	6.66	3.5	SR5	11/30/2018 15:30	23.12	93.6	6.68	2.4	SR5	11/30/2018 21:30	22.90	93.6	6.69	3.2
SR5	11/30/2018 3:35	22.87	88.8	6.34	2.0	SR5	11/30/2018 9:35	22.91	93.6	6.69	4.3	SR5	11/30/2018 15:35	23.13	91.3	6.52	5.1	SR5	11/30/2018 21:35	22.86	89.7	6.41	4.1
SR5	11/30/2018 3:40	22.87	92.1	6.58	1.6	SR5	11/30/2018 9:40	22.90	90.1	6.44	4.1	SR5	11/30/2018 15:40	23.13	93.5	6.68	2.4	SR5	11/30/2018 21:40	22.85	91.5	6.54	3.1
SR5	11/30/2018 3:45	22.88	90.0	6.43	3.9	SR5	11/30/2018 9:45	22.91	90.0	6.43	3.9	SR5	11/30/2018 15:45	23.13	90.3	6.45	2.9	SR5	11/30/2018 21:45	22.91	93.0	6.64	4.6
SR5	11/30/2018 3:50	22.91	91.2	6.52	3.9	SR5	11/30/2018 9:50	22.91	90.8	6.49	3.9	SR5	11/30/2018 15:50	23.13	90.8	6.48	4.5	SR5	11/30/2018 21:50	22.86	90.2	6.44	3.6
SR5	11/30/2018 3:55	22.90	89.8	6.42	3.7	SR5	11/30/2018 9:55	22.94	94.6	6.76	4.0	SR5	11/30/2018 15:55	23.13	88.8	6.35	3.5	SR5	11/30/2018 21:55	22.90	94.9	6.78	3.6
SR5	11/30/2018 4:00	22.89	89.2	6.37	3.2	SR5	11/30/2018 10:00	23.01	92.5	6.61	4.1	SR5	11/30/2018 16:00	23.14	89.5	6.44	3.7	SR5	11/30/2018 22:00	22.84	90.1	6.44	4.1
SR5	11/30/2018 4:05	22.89	89.3	6.38	3.1	SR5	11/30/2018 10:05	23.03	93.0	6.65	2.3	SR5	11/30/2018 16:05	23.14	93.1	6.66	4.9	SR5	11/30/2018 22:05	22.90	92.5	6.61	4.2
SR5	11/30/2018 4:10	22.88	88.9	6.35	3.7	SR5	11/30/2018 10:10	23.03	90.9	6.50	4.4	SR5	11/30/2018 16:10	23.14	89.3	6.38	3.0	SR5	11/30/2018 22:10	22.87	91.4	6.53	3.2
SR5	11/30/2018 4:15	22.89	89.2	6.37	2.0	SR5	11/30/2018 10:15	22.93	95.2	6.80	2.4	SR5	11/30/2018 16:15	23.14	91.2	6.51	3.0	SR5	11/30/2018 22:15	22.87	93.1	6.65	2.0
SR5	11/30/2018 4:20	22.88	90.6	6.47	4.8	SR5	11/30/2018 10:20	23.01	92.2	6.59	3.8	SR5	11/30/2018 16:20	23.14	89.5	6.39	4.2	SR5	11/30/2018 22:20	22.87	92.5	6.61	4.6
SR5	11/30/2018 4:25	22.91	89.4	6.39	3.3	SR5	11/30/2018 10:25	23.01	94.6	6.75	2.6	SR5	11/30/2018 16:25	23.14	89.6	6.40	4.0	SR5	11/30/2018 22:25	22.90	91.4	6.53	4.5
SR5	11/30/2018 4:30	22.92	91.6	6.54	2.7	SR5	11/30/2018 10:30	22.99	93.1	6.65	4.0	SR5	11/30/2018 16:30	23.15	92.9	6.64	2.6	SR5	11/30/2018 22:30	22.88	92.3	6.60	3.7
SR5	11/30/2018 4:35	22.90	91.1	6.51	3.0	SR5	11/30/2018 10:35	22.93	94.0	6.71	4.3	SR5	11/30/2018 16:35	23.15	92.6	6.61	3.5	SR5	11/30/2018 22:35	22.86	91.6	6.54	4.7
SR5	11/30/2018 4:40	22.92	91.8	6.56	3.9	SR5	11/30/2018 10:40	22.94	92.0	6.57	2.3	SR5	11/30/2018 16:40	23.15	92.3	6.59	1.9	SR5	11/30/2018 22:40	22.85	93.3	6.66	3.8
SR5	11/30/2018 4:45	22.90	91.3	6.52	3.2	SR5	11/30/2018 10:45	22.98	92.1	6.58	2.5	SR5	11/30/2018 16:45	23.15	91.0	6.50	3.6	SR5	11/30/2018 22:45	22.91	94.3	6.74	3.1
SR5	11/30/2018 4:50	22.88	90.1	6.43	3.7	SR5	11/30/2018 10:50	22.98	90.9	6.49	5.2	SR5	11/30/2018 16:50	23.16	89.1	6.36	4.5	SR5	11/30/2018 22:50	22.88	93.2	6.66	1.4
SR5	11/30/2018 4:55	22.92	92.2	6.58	2.8	SR5	11/30/2018 10:55	22.98	95.0	6.78	4.9	SR5	11/30/2018 16:55	22.93	88.3	6.31	3.6	SR5	11/30/2018 22:55	22.85	92.7	6.62	2.2
SR5	11/30/2018 5:00	22.85	90.6	6.47	2.4	SR5	11/30/2018 11:00	23.00	93.8	6.70	2.2	SR5	11/30/2018 17:00	22.89	93.5	6.68	3.1	SR5	11/30/2018 23:00	22.87	89.5	6.40	4.5
SR5	11/30/2018 5:05	22.91	91.8	6.56	4.0	SR5	11/30/2018 11:05	23.01	94.4	6.74	4.3	SR5	11/30/2018 17:05	22.89	88.8	6.35	1.7	SR5	11/30/2018 23:05	22.90	90.1	6.44	2.2
SR5	11/30/2018 5:10	22.86	89.8	6.42	3.5	SR5	11/30/2018 11:10	23.01	94.0	6.71	3.5	SR5	11/30/2018 17:10	22.92	88.9	6.35	3.8	SR5	11/30/2018 23:10	22.85	94.3	6.74	3.1
SR5	11/30/2018 5:15	22.86	92.2	6.58	4.2	SR5	11/30/2018 11:15	23.02	90.6	6.47	4.5	SR5	11/30/2018 17:15	22.86	91.9	6.56	4.4	SR5	11/30/2018 23:15	22.85	89.4	6.39	4.6
SR5	11/30/2018 5:20	22.89	91.6	6.54	1.6	SR5	11/30/2018 11:20	23.04	93.9	6.71	3.1	SR5	11/30/2018 17:20	22.92	93.8	6.70	3.6	SR5	11/30/2018 23:20	22.85	90.7	6.48	4.2
SR5	11/30/2018 5:25	22.91	91.2	6.52	3.3	SR5	11/30/2018 11:25	23.04	91.4	6.53	2.3	SR5	11/30/2018 17:25	22.88	93.2	6.66	2.8	SR5	11/30/2018 23:25	22.84	92.0	6.57	2.8
SR5	11/30/2018 5:30	22.90	90.3	6.45	2.6	SR5	11/30/2018 11:30	23.06	92.3	6.59	**8.5**	SR5	11/30/2018 17:30	22.91	90.5	6.46	1.7	SR5	11/30/2018 23:30	22.85	90.2	6.44	2.8
SR5	11/30/2018 5:35	22.89	92.7	6.62	3.3	SR5	11/30/2018 11:35	23.06	94.1	6.72	3.6	SR5	11/30/2018 17:35	22.86	93.1	6.64	2.8	SR5	11/30/2018 23:35	22.88	93.1	6.65	2.2
SR5	11/30/2018 5:40	22.89	89.7	6.40	2.2	SR5	11/30/2018 11:40	23.06	94.3	6.73	5.2	SR5	11/30/2018 17:40	22.91	92.1	6.58	4.3	SR5	11/30/2018 23:40	22.84	90.9	6.50	3.2
SR5	11/30/2018 5:45	22.89	94.2	6.73	2.5	SR5	11/30/2018 11:45	23.10	93.1	6.65	4.5	SR5	11/30/2018 17:45	22.92	92.5	6.61	3.6	SR5	11/30/2018 23:45	22.87	89.3	6.38	2.6
SR5	11/30/2018 5:50	22.92	93.9	6.71	4.7	SR5	11/30/2018 11:50	23.09	91.6	6.55	2.7	SR5	11/30/2018 17:50	22.89	88.8	6.34	2.5	SR5	11/30/2018 23:50	22.88	92.2	6.59	4.9
SR5	11/30/2018 5:55	22.88	92.3	6.59	5.1	SR5	11/30/2018 11:55	23.08	90.2	6.44	5.6	SR5	11/30/2018 17:55	22.86	91.0	6.50	2.7	SR5	11/30/2018 23:55	22.89	92.6	6.61	3.0

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	11/30/2018 0:01	23.62	74.5	5.27	1.4	SR12	11/30/2018 6:01	23.52	76.7	5.44	**15.4**	SR12	11/30/2018 12:01	23.53	80.9	5.73	2.2	SR12	11/30/2018 18:01	23.52	75.5	5.35	1.9
SR12	11/30/2018 0:06	23.63	74.8	5.28	5.2	SR12	11/30/2018 6:06	23.53	77.1	5.47	5.3	SR12	11/30/2018 12:06	23.50	80.5	5.71	2.0	SR12	11/30/2018 18:06	23.52	77.5	5.49	1.3
SR12	11/30/2018 0:11	23.63	74.4	5.26	1.4	SR12	11/30/2018 6:11	23.53	76.7	5.44	3.6	SR12	11/30/2018 12:11	23.49	80.0	5.67	1.6	SR12	11/30/2018 18:11	23.53	77.9	5.52	1.3
SR12	11/30/2018 0:16	23.62	75.3	5.32	2.6	SR12	11/30/2018 6:16	23.53	75.8	5.38	3.0	SR12	11/30/2018 12:16	23.51	80.0	5.67	3.3	SR12	11/30/2018 18:16	23.49	76.8	5.45	3.0
SR12	11/30/2018 0:21	23.62	76.1	5.37	2.0	SR12	11/30/2018 6:21	23.52	76.8	5.45	2.3	SR12	11/30/2018 12:21	23.53	80.2	5.68	3.6	SR12	11/30/2018 18:21	23.45	77.4	5.50	4.2
SR12	11/30/2018 0:26	23.62	74.9	5.29	5.5	SR12	11/30/2018 6:26	23.52	76.5	5.42	4.1	SR12	11/30/2018 12:26	23.52	80.1	5.68	4.4	SR12	11/30/2018 18:26	23.42	76.5	5.44	1.4
SR12	11/30/2018 0:31	23.62	73.9	5.22	2.7	SR12	11/30/2018 6:31	23.51	76.3	5.41	4.3	SR12	11/30/2018 12:31	23.53	79.7	5.65	2.7	SR12	11/30/2018 18:31	23.49	76.0	5.39	4.5
SR12	11/30/2018 0:36	23.62	73.7	5.21	3.6	SR12	11/30/2018 6:36	23.50	77.5	5.50	1.7	SR12	11/30/2018 12:36	23.54	79.0	5.60	1.6	SR12	11/30/2018 18:36	23.51	76.0	5.38	2.7
SR12	11/30/2018 0:41	23.60	73.8	5.22	1.1	SR12	11/30/2018 6:41	23.50	77.6	5.50	1.8	SR12	11/30/2018 12:41	23.55	78.2	5.54	5.2	SR12	11/30/2018 18:41	23.52	76.3	5.40	1.8
SR12	11/30/2018 0:46	23.63	73.1	5.17	2.1	SR12	11/30/2018 6:46	23.50	76.9	5.46	3.5	SR12	11/30/2018 12:46	23.55	77.9	5.52	2.2	SR12	11/30/2018 18:46	23.52	75.5	5.35	2.0
SR12	11/30/2018 0:51	23.66	73.6	5.20	4.9	SR12	11/30/2018 6:51	23.49	77.9	5.53	1.8	SR12	11/30/2018 12:51	23.55	77.8	5.51	2.0	SR12	11/30/2018 18:51	23.52	75.8	5.37	1.5
SR12	11/30/2018 0:56	23.62	73.4	5.19	1.8	SR12	11/30/2018 6:56	23.49	78.2	5.55	3.0	SR12	11/30/2018 12:56	23.56	77.5	5.49	2.6	SR12	11/30/2018 18:56	23.52	77.5	5.49	1.7
SR12	11/30/2018 1:01	23.62	74.7	5.28	4.2	SR12	11/30/2018 7:01	23.48	79.3	5.63	1.3	SR12	11/30/2018 13:01	23.56	77.7	5.50	**10.1**	SR12	11/30/2018 19:01	23.52	77.4	5.49	2.5
SR12	11/30/2018 1:06	23.62	74.0	5.23	2.7	SR12	11/30/2018 7:06	23.49	78.2	5.55	5.4	SR12	11/30/2018 13:06	23.57	77.4	5.48	2.0	SR12	11/30/2018 19:06	23.50	77.4	5.49	1.1
SR12	11/30/2018 1:11	23.62	73.5	5.20	2.3	SR12	11/30/2018 7:11	23.49	78.4	5.56	5.1	SR12	11/30/2018 13:11	23.57	76.8	5.44	2.0	SR12	11/30/2018 19:11	23.50	78.0	5.53	4.8
SR12	11/30/2018 1:16	23.64	74.7	5.28	1.9	SR12	11/30/2018 7:16	23.51	78.6	5.58	2.3	SR12	11/30/2018 13:16	23.58	77.1	5.46	1.9	SR12	11/30/2018 19:16	23.50	78.1	5.54	5.1
SR12	11/30/2018 1:21	23.64	74.9	5.29	3.1	SR12	11/30/2018 7:21	23.50	78.0	5.54	1.6	SR12	11/30/2018 13:21	23.58	76.2	5.40	1.2	SR12	11/30/2018 19:21	23.50	78.0	5.53	5.5
SR12	11/30/2018 1:26	23.63	74.4	5.26	2.7	SR12	11/30/2018 7:26	23.49	78.3	5.56	2.4	SR12	11/30/2018 13:26	23.59	76.5	5.41	2.7	SR12	11/30/2018 19:26	23.50	78.5	5.57	5.0
SR12	11/30/2018 1:31	23.63	74.6	5.27	4.9	SR12	11/30/2018 7:31	23.51	78.4	5.56	2.2	SR12	11/30/2018 13:31	23.59	76.6	5.42	2.3	SR12	11/30/2018 19:31	23.54	77.6	5.50	3.6
SR12	11/30/2018 1:36	23.63	74.5	5.27	4.7	SR12	11/30/2018 7:36	23.48	78.5	5.57	5.4	SR12						SR12	11/30/2018 19:36	23.52	78.7	5.58	2.1
SR12	11/30/2018 1:41	23.64	75.1	5.31	2.1	SR12	11/30/2018 7:41	23.47	78.9	5.60	4.9	SR12						SR12	11/30/2018 19:41	23.51	78.9	5.59	2.0
SR12	11/30/2018 1:46	23.62	74.6	5.28	3.5	SR12	11/30/2018 7:46	23.45	79.3	5.63	4.7	SR12						SR12	11/30/2018 19:46	23.54	78.3	5.55	2.5
SR12	11/30/2018 1:51	23.54	76.2	5.40	5.1	SR12	11/30/2018 7:51	23.44	80.3	5.70	2.7	SR12						SR12	11/30/2018 19:51	23.52	79.1	5.61	5.0
SR12	11/30/2018 1:56	23.53	76.3	5.41	4.7	SR12	11/30/2018 7:56	23.44	80.1	5.69	3.1	SR12						SR12	11/30/2018 19:56	23.51	78.3	5.55	5.3
SR12	11/30/2018 2:01	23.54	76.8	5.44	1.5	SR12	11/30/2018 8:01	23.43	80.3	5.70	3.5	SR12						SR12	11/30/2018 20:01	23.51	78.5	5.57	3.7
SR12	11/30/2018 2:06	23.55	76.0	5.38	1.7	SR12	11/30/2018 8:06	23.44	79.8	5.67	4.2	SR12						SR12	11/30/2018 20:06	23.50	78.1	5.54	2.7
SR12	11/30/2018 2:11	23.57	75.7	5.36	2.1	SR12	11/30/2018 8:11	23.44	80.3	5.70	4.7	SR12						SR12	11/30/2018 20:11	23.50	79.3	5.62	5.1
SR12	11/30/2018 2:16	23.58	75.5	5.34	4.8	SR12	11/30/2018 8:16	23.44	80.5	5.72	4.7	SR12						SR12	11/30/2018 20:16	23.50	79.0	5.61	5.2
SR12	11/30/2018 2:21	23.59	74.8	5.29	3.2	SR12	11/30/2018 8:21	23.44	80.5	5.71	3.8	SR12						SR12	11/30/2018 20:21	23.50	78.6	5.57	4.6
SR12	11/30/2018 2:26	23.59	75.2	5.32	2.3	SR12	11/30/2018 8:26	23.44	81.6	5.79	3.6	SR12						SR12	11/30/2018 20:26	23.50	78.3	5.55	4.0
SR12	11/30/2018 2:31	23.59	76.3	5.40	3.8	SR12	11/30/2018 8:31	23.43	81.7	5.80	3.0	SR12						SR12	11/30/2018 20:31	23.50	78.1	5.54	2.5
SR12	11/30/2018 2:36	23.59	76.1	5.38	3.5	SR12	11/30/2018 8:36	23.44	81.9	5.81	2.3	SR12	11/30/2018 14:36	23.57	76.2	5.39	1.2	SR12	11/30/2018 20:36	23.49	78.1	5.54	1.3
SR12	11/30/2018 2:41	23.59	75.5	5.34	4.0	SR12	11/30/2018 8:41	23.43	82.2	5.83	1.7	SR12	11/30/2018 14:41	23.59	76.1	5.39	1.2	SR12	11/30/2018 20:41	23.50	77.7	5.51	3.9
SR12	11/30/2018 2:46	23.61	75.3	5.33	4.5	SR12	11/30/2018 8:46	23.44	81.8	5.80	2.1	SR12	11/30/2018 14:46	23.55	76.1	5.39	3.3	SR12	11/30/2018 20:46	23.50	78.7	5.59	5.2
SR12	11/30/2018 2:51	23.62	74.8	5.29	1.7	SR12	11/30/2018 8:51	23.44	82.3	5.84	1.8	SR12	11/30/2018 14:51	23.56	75.1	5.32	5.1	SR12	11/30/2018 20:51	23.51	79.3	5.63	1.9
SR12	11/30/2018 2:56	23.56	75.7	5.36	2.3	SR12	11/30/2018 8:56	23.47	82.3	5.83	2.5	SR12	11/30/2018 14:56	23.56	75.0	5.31	1.9	SR12	11/30/2018 20:56	23.51	79.0	5.60	2.9
SR12	11/30/2018 3:01	23.56	75.6	5.35	1.3	SR12	11/30/2018 9:01	23.46	82.3	5.84	2.7	SR12	11/30/2018 15:01	23.55	75.9	5.37	5.2	SR12	11/30/2018 21:01	23.50	78.6	5.57	2.0
SR12	11/30/2018 3:06	23.54	74.8	5.30	4.6	SR12	11/30/2018 9:06	23.45	82.2	5.83	1.9	SR12	11/30/2018 15:06	23.54	75.7	5.36	1.4	SR12	11/30/2018 21:06	23.50	79.8	5.66	5.5
SR12	11/30/2018 3:11	23.52	74.0	5.25	1.5	SR12	11/30/2018 9:11	23.45	81.8	5.80	**11.2**	SR12	11/30/2018 15:11	23.54	75.8	5.37	3.2	SR12	11/30/2018 21:11	23.50	79.2	5.62	3.6
SR12	11/30/2018 3:16	23.53	74.3	5.27	1.1	SR12	11/30/2018 9:16	23.48	82.2	5.83	1.5	SR12	11/30/2018 15:16	23.53	75.3	5.34	1.3	SR12	11/30/2018 21:16	23.49	78.6	5.58	1.3
SR12	11/30/2018 3:21	23.54	73.2	5.19	1.2	SR12	11/30/2018 9:21	23.46	82.6	5.86	1.6	SR12	11/30/2018 15:21	23.53	75.0	5.31	1.6	SR12	11/30/2018 21:21	23.50	78.1	5.54	5.5
SR12	11/30/2018 3:26	23.50	74.2	5.27	2.9	SR12	11/30/2018 9:26	23.46	82.0	5.82	2.1	SR12	11/30/2018 15:26	23.53	75.2	5.33	4.1	SR12	11/30/2018 21:26	23.46	79.5	5.65	2.4
SR12	11/30/2018 3:31	23.56	74.1	5.25	4.4	SR12	11/30/2018 9:31	23.45	82.4	5.85	3.0	SR12	11/30/2018 15:31	23.53	76.1	5.39	1.7	SR12	11/30/2018 21:31	23.48	79.4	5.63	4.8
SR12	11/30/2018 3:36	23.54	75.0	5.32	1.9	SR12	11/30/2018 9:36	23.46	81.9	5.81	1.6	SR12	11/30/2018 15:36	23.53	76.0	5.39	3.7	SR12	11/30/2018 21:36	23.48	78.4	5.57	1.9
SR12	11/30/2018 3:41	23.54	73.5	5.21	2.5	SR12	11/30/2018 9:41	23.44	82.4	5.85	1.6	SR12	11/30/2018 15:41	23.52	76.0	5.39	4.4	SR12	11/30/2018 21:41	23.47	79.0	5.61	3.3
SR12	11/30/2018 3:46	23.54	71.9	5.09	5.1	SR12	11/30/2018 9:46	23.46	82.2	5.83	2.2	SR12	11/30/2018 15:46	23.53	74.9	5.31	2.7	SR12	11/30/2018 21:46	23.47	79.9	5.67	4.2
SR12	11/30/2018 3:51	23.54	73.1	5.18	4.9	SR12	11/30/2018 9:51	23.45	82.0	5.82	2.7	SR12	11/30/2018 15:51	23.55	76.1	5.39	2.1	SR12	11/30/2018 21:51	23.48	80.1	5.68	2.1
SR12	11/30/2018 3:56	23.54	71.7	5.08	1.6	SR12	11/30/2018 9:56	23.46	82.2	5.83	2.5	SR12	11/30/2018 15:56	23.52	75.4	5.34	4.7	SR12	11/30/2018 21:56	23.48	79.3	5.63	5.3
SR12	11/30/2018 4:01	23.55	72.7	5.15	7.1	SR12	11/30/2018 10:01	23.46	82.2	5.84	3.1	SR12	11/30/2018 16:01	23.53	75.1	5.32	5.2	SR12	11/30/2018 22:01	23.49	79.1	5.62	4.8
SR12	11/30/2018 4:06	23.57	71.8	5.09	2.0	SR12	11/30/2018 10:06	23.47	82.2	5.83	2.1	SR12	11/30/2018 16:06	23.54	73.6	5.21	4.2	SR12	11/30/2018 22:06	23.49	78.7	5.58	3.0
SR12	11/30/2018 4:11	23.57	72.8	5.16	2.0	SR12	11/30/2018 10:11	23.46	82.3	5.84	1.3	SR12	11/30/2018 16:11	23.53	74.5	5.28	5.1	SR12	11/30/2018 22:11	23.49	78.2	5.55	4.6
SR12	11/30/2018 4:16	23.56	72.3	5.12	2.1	SR12	11/30/2018 10:16	23.47	82.4	5.84	2.7	SR12	11/30/2018 16:16	23.51	75.5	5.35	4.8	SR12	11/30/2018 22:16	23.49	78.5	5.57	2.4
SR12	11/30/2018 4:21	23.57	72.9	5.17	4.3	SR12	11/30/2018 10:21	23.47	82.4	5.85	1.9	SR12	11/30/2018 16:21	23.51	75.6	5.36	4.8	SR12	11/30/2018 22:21	23.49	78.9	5.60	5.4
SR12	11/30/2018 4:26	23.57	72.0	5.10	1.4	SR12	11/30/2018 10:26	23.48	82.5	5.85	2.0	SR12	11/30/2018 16:26	23.51	75.5	5.35	4.2	SR12	11/30/2018 22:26	23.48	78.5	5.57	3.8
SR12	11/30/2018 4:31	23.57	74.0	5.25	5.1	SR12	11/30/2018 10:31	23.48	82.4	5.85	2.1	SR12	11/30/2018 16:31	23.51	75.5	5.35	2.6	SR12	11/30/2018 22:31	23.48	78.2	5.55	5.3
SR12	11/30/2018 4:36	23.57	73.0	5.17	3.0	SR12	11/30/2018 10:36	23.50	82.5	5.85	1.8	SR12	11/30/2018 16:36	23.56	74.2	5.25	1.9	SR12	11/30/2018 22:36	23.48	78.0	5.54	3.9
SR12	11/30/2018 4:41	23.56	73.5	5.21	1.1	SR12	11/30/2018 10:41	23.49	82.2	5.83	1.3	SR12	11/30/2018 16:41	23.56	73.9	5.23	3.6	SR12	11/30/2018 22:41	23.48	77.9	5.53	3.0
SR12	11/30/2018 4:46	23.56	73.6	5.21	2.5	SR12	11/30/2018 10:46	23.48	82.6	5.86	5.1	SR12	11/30/2018 16:46	23.56	73.9	5.23	3.5	SR12	11/30/2018 22:46	23.48	78.0	5.54	1.3
SR12	11/30/2018 4:51	23.56	75.1	5.32	1.8	SR12	11/30/2018 10:51	23.48	82.3	5.84	5.0	SR12	11/30/2018 16:51	23.58	74.9	5.30	3.4	SR12	11/30/2018 22:51	23.47	78.3	5.56	1.3
SR12	11/30/2018 4:56	23.56	75.5	5.35	3.3	SR12	11/30/2018 10:56	23.48	82.8	5.87	4.6	SR12	11/30/2018 16:56	23.57	74.1	5.25	1.3	SR12	11/30/2018 22:56	23.48	77.6	5.51	1.4
SR12	11/30/2018 5:01	23.53	76.5	5.42	1.6	SR12	11/30/2018 11:01	23.48	82.9	5.88	1.8	SR12	11/30/2018 17:01	23.56	73.9	5.23	3.4	SR12	11/30/2018 23:01	23.47	77.6	5.51	3.7
SR12	11/30/2018 5:06	23.53	76.2	5.40	2.0	SR12	11/30/2018 11:06	23.49	82.6	5.86	2.7	SR12	11/30/2018 17:06	23.56	74.6	5.29	2.0	SR12	11/30/2018 23:06	23.47	77.7	5.52	4.4
SR12	11/30/2018 5:11	23.53	76.8	5.45	2.9	SR12	11/30/2018 11:11	23.48	82.7	5.87	2.7	SR12	11/30/2018 17:11	23.55	75.1	5.32	4.1	SR12	11/30/2018 23:11	23.47	78.2	5.55	3.5
SR12	11/30/2018 5:16	23.53	76.3	5.41	1.7	SR12	11/30/2018 11:16	23.50	82.6	5.86	4.1	SR12	11/30/2018 17:16	23.54	75.7	5.36	4.7	SR12	11/30/2018 23:16	23.48	77.6	5.51	2.4
SR12	11/30/2018 5:21	23.54	76.0	5.39	2.3	SR12	11/30/2018 11:21	23.49	83.6	5.93	2.2	SR12	11/30/2018 17:21	23.55	75.8	5.37	1.5	SR12	11/30/2018 23:21	23.48	76.9	5.46	1.5
SR12	11/30/2018 5:26	23.54	75.5	5.36	1.3	SR12	11/30/2018 11:26	23.48	82.4	5.85	3.9	SR12	11/30/2018 17:26	23.55	75.0	5.31	1.4	SR12	11/30/2018 23:26	23.46	78.1	5.54	4.4
SR12	11/30/2018 5:31	23.57	76.1	5.39	1.8	SR12	11/30/2018 11:31	23.47	81.8	5.80	**19.2**	SR12	11/30/2018 17:31	23.55	75.6	5.35	1.1	SR12	11/30/2018 23:31	23.45	79.0	5.61	1.1
SR12	11/30/2018 5:36	23.56	76.0	5.39	3.0	SR12	11/30/2018 11:36	23.47	82.0	5.82	5.1	SR12	11/30/2018 17:36	23.54	75.3	5.33	3.0	SR12	11/30/2018 23:36	23.50	78.4	5.56	1.7
SR12	11/30/2018 5:41	23.56	75.5	5.35	1.5	SR12	11/30/2018 11:41	23.48	81.8	5.80	3.7	SR12	11/30/2018 17:41	23.54	75.3	5.33	1.7	SR12	11/30/2018 23:41	23.47	77.9	5.53	5.2
SR12	11/30/2018 5:46	23.55	76.6	5.43	3.4	SR12	11/30/2018 11:46	23.48	82.0	5.82	5.0	SR12	11/30/2018 17:46	23.54	74.9	5.30	1.8	SR12	11/30/2018 23:46	23.47	78.0	5.53	3.7
SR12	11/30/2018 5:51	23.55	75.9	5.38	4.6	SR12	11/30/2018 11:51	23.48	81.5	5.78	1.4	SR12	11/30/2018 17:51	23.54	74.8	5.30	1.3	SR12	11/30/2018 23:51	23.47	78.1	5.54	3.2
SR12	11/30/2018 5:56	23.54	75.5	5.35	5.2	SR12	11/30/2018 11:56	23.48	81.1	5.75	4.8	SR12	11/30/2018 17:56	23.53	76.0	5.38	3.1	SR12	11/30/2018 23:56	23.48	76.9	5.45	3.7

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	11/30/2018 0:00	22.86	82.4	5.87	6.3	SR13	11/30/2018 6:00	22.94	84.0	5.99	5.7	SR13	11/30/2018 12:00	22.40	80.9	5.58	2.3	SR13	11/30/2018 18:00	22.37	78.8	5.44	12.1
SR13	11/30/2018 0:05	22.84	82.4	5.87	5.6	SR13	11/30/2018 6:05	22.95	84.1	6.00	4.7	SR13	11/30/2018 12:05	22.43	81.9	5.65	1.6	SR13	11/30/2018 18:05	22.36	79.4	5.48	11.4
SR13	11/30/2018 0:10	22.83	82.8	5.90	5.9	SR13	11/30/2018 6:10	22.96	83.2	5.94	5.3	SR13	11/30/2018 12:10	22.44	81.3	5.61	1.8	SR13	11/30/2018 18:10	22.34	79.0	5.46	11.8
SR13	11/30/2018 0:15	22.81	84.4	6.01	7.8	SR13	11/30/2018 6:15	22.96	84.3	6.01	5.9	SR13	11/30/2018 12:15	22.46	79.9	5.52	2.1	SR13	11/30/2018 18:15	22.34	78.7	5.43	10.9
SR13	11/30/2018 0:20	22.83	82.0	5.84	6.2	SR13	11/30/2018 6:20	22.96	84.6	6.04	6.1	SR13	11/30/2018 12:20	22.43	80.8	5.58	4.1	SR13	11/30/2018 18:20	22.34	79.3	5.47	11.8
SR13	11/30/2018 0:25	22.82	82.2	5.86	7.2	SR13	11/30/2018 6:25	22.97	83.0	5.92	4.7	SR13	11/30/2018 12:25	22.42	81.3	5.61	3.6	SR13	11/30/2018 18:25	22.37	79.2	5.46	10.0
SR13	11/30/2018 0:30	22.81	83.5	5.95	7.4	SR13	11/30/2018 6:30	22.97	84.7	6.04	5.5	SR13	11/30/2018 12:30	22.42	80.8	5.58	4.0	SR13	11/30/2018 18:30	22.37	79.1	5.46	10.6
SR13	11/30/2018 0:35	22.80	82.0	5.84	6.8	SR13	11/30/2018 6:35	22.98	84.8	6.05	6.6	SR13	11/30/2018 12:35	22.41	81.0	5.59	4.6	SR13	11/30/2018 18:35	22.35	78.4	5.41	12.0
SR13	11/30/2018 0:40	22.80	82.5	5.87	7.1	SR13	11/30/2018 6:40	22.97	84.3	6.01	6.4	SR13	11/30/2018 12:40	22.41	80.0	5.53	3.6	SR13	11/30/2018 18:40	22.35	79.2	5.47	11.9
SR13	11/30/2018 0:45	22.92	82.5	5.88	6.3	SR13	11/30/2018 6:45	22.96	83.8	5.98	9.1	SR13	11/30/2018 12:45	22.40	79.9	5.52	3.6	SR13	11/30/2018 18:45	22.35	79.5	5.49	11.9
SR13	11/30/2018 0:50	22.92	84.0	5.98	7.2	SR13	11/30/2018 6:50	22.96	83.9	5.99	6.9	SR13	11/30/2018 12:50	22.43	80.1	5.53	3.9	SR13	11/30/2018 18:50	22.36	78.9	5.44	11.9
SR13	11/30/2018 0:55	22.93	84.6	6.03	5.5	SR13	11/30/2018 6:55	22.98	83.6	5.96	5.8	SR13	11/30/2018 12:55	22.42	79.8	5.51	3.9	SR13	11/30/2018 18:55	22.36	79.8	5.51	9.7
SR13	11/30/2018 1:00	22.93	83.8	5.97	6.6	SR13	11/30/2018 7:00	22.98	83.6	5.96	6.5	SR13	11/30/2018 13:00	22.41	80.6	5.56	4.0	SR13	11/30/2018 19:00	22.37	79.0	5.45	10.8
SR13	11/30/2018 1:05	22.93	83.7	5.96	5.9	SR13	11/30/2018 7:05	22.96	84.2	6.01	5.8	SR13	11/30/2018 13:05	22.42	79.8	5.51	4.2	SR13	11/30/2018 19:05	22.37	79.3	5.47	10.4
SR13	11/30/2018 1:10	22.94	83.1	5.92	7.3	SR13	11/30/2018 7:10	22.96	85.2	6.08	5.3	SR13	11/30/2018 13:10	22.41	80.2	5.54	3.8	SR13	11/30/2018 19:10	22.37	79.1	5.47	9.9
SR13	11/30/2018 1:15	22.92	82.5	5.88	6.4	SR13	11/30/2018 7:15	22.96	82.8	5.91	5.7	SR13	11/30/2018 13:15	22.40	80.2	5.54	3.1	SR13	11/30/2018 19:15	22.37	78.3	5.40	9.7
SR13	11/30/2018 1:20	22.94	83.9	5.98	6.7	SR13	11/30/2018 7:20	22.96	84.8	6.05	6.1	SR13	11/30/2018 13:20	22.40	79.7	5.50	3.8	SR13	11/30/2018 19:20	22.37	79.1	5.46	9.7
SR13	11/30/2018 1:25	22.93	82.3	5.87	5.7	SR13	11/30/2018 7:25	22.95	85.7	6.11	5.8	SR13	11/30/2018 13:25	22.40	80.3	5.55	3.8	SR13	11/30/2018 19:25	22.37	79.3	5.47	10.4
SR13	11/30/2018 1:30	22.94	83.4	5.94	6.2	SR13	11/30/2018 7:30	22.95	83.3	5.94	5.5	SR13	11/30/2018 13:30	22.40	79.7	5.50	3.4	SR13	11/30/2018 19:30	22.37	79.4	5.48	11.1
SR13	11/30/2018 1:35	22.94	82.6	5.89	7.1	SR13	11/30/2018 7:35	22.96	84.0	5.99	5.8	SR13	11/30/2018 13:35	22.40	79.7	5.50	3.4	SR13	11/30/2018 19:35	22.37	79.0	5.45	11.0
SR13	11/30/2018 1:40	22.94	82.8	5.90	6.3	SR13	11/30/2018 7:40	22.96	84.6	6.04	5.3	SR13	11/30/2018 13:40	22.39	79.2	5.47	4.0	SR13	11/30/2018 19:40	22.37	79.6	5.49	10.6
SR13	11/30/2018 1:45	22.91	84.2	6.00	6.1	SR13	11/30/2018 7:45	22.95	84.4	6.02	5.8	SR13	11/30/2018 13:45	22.40	79.4	5.48	4.1	SR13	11/30/2018 19:45	22.37	79.5	5.49	10.0
SR13	11/30/2018 1:50	22.92	83.7	5.96	6.3	SR13	11/30/2018 7:50	22.95	84.4	6.02	6.2	SR13	11/30/2018 13:50	22.39	79.7	5.50	4.3	SR13	11/30/2018 19:50	22.37	79.5	5.49	10.3
SR13	11/30/2018 1:55	22.92	83.4	5.95	7.0	SR13	11/30/2018 7:55	22.97	84.0	5.99	7.2	SR13	11/30/2018 13:55	22.39	79.7	5.50	4.5	SR13	11/30/2018 19:55	22.37	80.0	5.52	10.1
SR13	11/30/2018 2:00	22.94	82.7	5.89	6.5	SR13	11/30/2018 8:00	22.97	84.9	6.06	4.7	SR13	11/30/2018 14:00	22.39	79.6	5.50	4.4	SR13	11/30/2018 20:00	22.37	80.2	5.53	10.8
SR13	11/30/2018 2:05	22.95	84.3	6.01	6.3	SR13	11/30/2018 8:05	22.97	84.2	6.01	5.6	SR13	11/30/2018 14:05	22.40	79.6	5.50	4.6	SR13	11/30/2018 20:05	22.37	79.6	5.50	9.9
SR13	11/30/2018 2:10	22.94	84.3	6.01	6.6	SR13	11/30/2018 8:10	22.98	85.0	6.07	5.3	SR13	11/30/2018 14:10	22.48	80.0	5.52	4.8	SR13	11/30/2018 20:10	22.37	79.3	5.47	10.0
SR13	11/30/2018 2:15	22.95	83.2	5.93	7.5	SR13	11/30/2018 8:15	22.98	84.1	6.00	5.2	SR13	11/30/2018 14:15	22.53	80.2	5.52	6.0	SR13	11/30/2018 20:15	22.37	79.4	5.48	10.8
SR13	11/30/2018 2:20	22.94	82.9	5.91	7.1	SR13	11/30/2018 8:20	22.97	83.7	5.97	6.8	SR13	11/30/2018 14:20	22.52	79.7	5.49	5.9	SR13	11/30/2018 20:20	22.35	78.5	5.42	11.0
SR13	11/30/2018 2:25	22.95	83.8	5.98	6.0	SR13	11/30/2018 8:25	22.97	84.2	6.01	6.6	SR13	11/30/2018 14:25	22.45	79.9	5.52	6.7	SR13	11/30/2018 20:25	22.38	80.0	5.52	12.1
SR13	11/30/2018 2:30	22.92	83.3	5.94	6.8	SR13	11/30/2018 8:30	22.96	85.4	6.09	6.3	SR13	11/30/2018 14:30	22.45	79.8	5.51	6.9	SR13	11/30/2018 20:30	22.39	79.3	5.47	9.7
SR13	11/30/2018 2:35	22.93	83.9	5.98	7.0	SR13	11/30/2018 8:35	22.97	84.5	6.03	6.0	SR13	11/30/2018 14:35	22.40	79.2	5.46	7.2	SR13	11/30/2018 20:35	22.38	79.4	5.48	10.6
SR13	11/30/2018 2:40	22.91	83.5	5.96	6.4	SR13	11/30/2018 8:40	22.98	85.1	6.07	5.0	SR13	11/30/2018 14:40	22.39	78.7	5.43	9.2	SR13	11/30/2018 20:40	22.39	78.9	5.45	9.4
SR13	11/30/2018 2:45	22.91	83.7	5.97	5.5	SR13	11/30/2018 8:45	22.98	85.8	6.12	5.5	SR13	11/30/2018 14:45	22.41	79.1	5.46	7.8	SR13	11/30/2018 20:45	22.38	79.7	5.50	10.6
SR13	11/30/2018 2:50	22.93	84.3	6.01	6.2	SR13	11/30/2018 8:50	22.95	85.3	6.09	5.7	SR13	11/30/2018 14:50	22.41	79.3	5.47	7.6	SR13	11/30/2018 20:50	22.38	80.2	5.53	11.0
SR13	11/30/2018 2:55	22.92	83.9	5.98	5.6	SR13	11/30/2018 8:55	22.97	85.9	6.13	6.5	SR13	11/30/2018 14:55	22.39	79.5	5.49	10.0	SR13	11/30/2018 20:55	22.38	80.6	5.56	11.8
SR13	11/30/2018 3:00	22.93	84.9	6.05	7.0	SR13	11/30/2018 9:00	22.96	84.6	6.04	6.1	SR13	11/30/2018 15:00	22.41	78.7	5.43	8.3	SR13	11/30/2018 21:00	22.38	80.6	5.57	10.2
SR13	11/30/2018 3:05	22.94	84.5	6.02	5.9	SR13	11/30/2018 9:05	22.97	85.3	6.09	6.3	SR13	11/30/2018 15:05	22.42	79.4	5.48	8.5	SR13	11/30/2018 21:05	22.39	80.2	5.53	11.2
SR13	11/30/2018 3:10	22.94	83.1	5.93	5.7	SR13	11/30/2018 9:10	22.96	85.2	6.08	5.8	SR13	11/30/2018 15:10	22.41	79.5	5.49	9.0	SR13	11/30/2018 21:10	22.38	80.8	5.57	11.5
SR13	11/30/2018 3:15	22.91	82.7	5.89	7.2	SR13	11/30/2018 9:15	22.96	86.0	6.14	6.4	SR13	11/30/2018 15:15	22.41	78.9	5.45	9.0	SR13	11/30/2018 21:15	22.38	80.0	5.52	11.7
SR13	11/30/2018 3:20	22.93	83.8	5.97	7.1	SR13	11/30/2018 9:20	22.94	85.6	6.10	5.3	SR13	11/30/2018 15:20	22.39	79.2	5.47	9.5	SR13	11/30/2018 21:20	22.38	80.0	5.52	11.0
SR13	11/30/2018 3:25	22.92	84.6	6.03	6.6	SR13	11/30/2018 9:25	22.94	86.4	6.17	4.9	SR13	11/30/2018 15:25	22.39	79.5	5.49	10.4	SR13	11/30/2018 21:25	22.37	80.6	5.56	11.3
SR13	11/30/2018 3:30	22.94	82.9	5.91	6.7	SR13	11/30/2018 9:30	22.95	84.5	6.03	5.4	SR13	11/30/2018 15:30	22.39	79.8	5.51	10.1	SR13	11/30/2018 21:30	22.38	80.6	5.57	11.2
SR13	11/30/2018 3:35	22.94	83.6	5.96	6.1	SR13	11/30/2018 9:35	22.95	85.6	6.10	4.7	SR13	11/30/2018 15:35	22.39	78.6	5.43	10.2	SR13	11/30/2018 21:35	22.38	80.4	5.55	11.4
SR13	11/30/2018 3:40	22.92	83.8	5.97	6.1	SR13	11/30/2018 9:40	22.96	85.5	6.10	5.2	SR13	11/30/2018 15:40	22.40	78.3	5.40	8.6	SR13	11/30/2018 21:40	22.38	80.3	5.54	10.9
SR13	11/30/2018 3:45	22.92	84.5	6.02	5.6	SR13	11/30/2018 9:45	22.96	85.8	6.12	5.5	SR13	11/30/2018 15:45	22.39	79.2	5.47	10.7	SR13	11/30/2018 21:45	22.39	80.3	5.55	10.1
SR13	11/30/2018 3:50	22.91	83.7	5.97	6.3	SR13	11/30/2018 9:50	22.96	86.1	6.14	5.5	SR13	11/30/2018 15:50	22.39	78.9	5.45	10.3	SR13	11/30/2018 21:50	22.39	79.9	5.51	9.4
SR13	11/30/2018 3:55	22.93	84.0	6.00	5.8	SR13	11/30/2018 9:55	22.96	86.1	6.14	7.9	SR13	11/30/2018 15:55	22.39	79.0	5.45	11.3	SR13	11/30/2018 21:55	22.39	79.9	5.51	9.6
SR13	11/30/2018 4:00	22.92	83.9	5.98	5.9	SR13	11/30/2018 10:00	22.97	86.1	6.14	4.3	SR13	11/30/2018 16:00	22.39	78.5	5.41	11.2	SR13	11/30/2018 22:00	22.38	80.1	5.53	9.6
SR13	11/30/2018 4:05	22.93	82.8	5.90	5.7	SR13	11/30/2018 10:05	22.96	85.7	6.11	5.2	SR13	11/30/2018 16:05	22.38	78.7	5.43	12.1	SR13	11/30/2018 22:05	22.38	80.2	5.53	9.7
SR13	11/30/2018 4:10	22.91	83.6	5.97	6.8	SR13	11/30/2018 10:10	22.97	85.8	6.12	5.2	SR13	11/30/2018 16:10	22.38	78.3	5.40	11.6	SR13	11/30/2018 22:10	22.38	80.5	5.55	9.4
SR13	11/30/2018 4:15	22.94	83.9	5.99	7.0	SR13	11/30/2018 10:15	22.97	85.7	6.11	5.2	SR13	11/30/2018 16:15	22.39	78.9	5.45	11.4	SR13	11/30/2018 22:15	22.37	80.4	5.55	9.7
SR13	11/30/2018 4:20	22.93	83.5	5.95	6.3	SR13	11/30/2018 10:20	22.97	86.9	6.20	4.7	SR13						SR13	11/30/2018 22:20	22.38	79.6	5.49	9.0
SR13	11/30/2018 4:25	22.93	83.3	5.94	6.1	SR13	11/30/2018 10:25	22.97	85.4	6.09	5.1	SR13						SR13	11/30/2018 22:25	22.36	80.1	5.53	10.1
SR13	11/30/2018 4:30	22.92	82.0	5.85	7.2	SR13	11/30/2018 10:30	22.98	85.8	6.12	4.8	SR13						SR13	11/30/2018 22:30	22.36	80.7	5.57	9.7
SR13	11/30/2018 4:35	22.94	83.1	5.93	6.6	SR13	11/30/2018 10:35	22.97	86.3	6.16	4.8	SR13						SR13	11/30/2018 22:35	22.37	79.9	5.51	9.6
SR13	11/30/2018 4:40	22.93	81.8	5.83	5.7	SR13	11/30/2018 10:40	22.97	86.5	6.17	5.0	SR13	11/30/2018 16:40	22.38	78.0	5.39	10.3	SR13	11/30/2018 22:40	22.37	80.4	5.55	9.8
SR13	11/30/2018 4:45	22.91	82.9	5.91	7.8	SR13	11/30/2018 10:45	22.99	86.5	6.17	5.6	SR13	11/30/2018 16:45	22.39	78.0	5.39	11.6	SR13	11/30/2018 22:45	22.37	79.3	5.47	9.6
SR13	11/30/2018 4:50	22.94	82.8	5.91	4.9	SR13	11/30/2018 10:50	23.00	86.0	6.14	4.5	SR13	11/30/2018 16:50	22.39	79.0	5.45	10.4	SR13	11/30/2018 22:50	22.37	79.6	5.49	9.9
SR13	11/30/2018 4:55	22.94	82.3	5.87	5.1	SR13	11/30/2018 10:55	22.99	85.5	6.10	4.8	SR13	11/30/2018 16:55	22.39	78.6	5.42	11.1	SR13	11/30/2018 22:55	22.37	79.6	5.50	9.9
SR13	11/30/2018 5:00	22.94	81.9	5.84	5.3	SR13	11/30/2018 11:00	22.97	86.6	6.17	4.9	SR13	11/30/2018 17:00	22.39	79.0	5.45	11.5	SR13	11/30/2018 23:00	22.37	79.9	5.52	10.7
SR13	11/30/2018 5:05	22.92	83.1	5.93	6.7	SR13	11/30/2018 11:05	22.99	86.1	6.14	5.2	SR13	11/30/2018 17:05	22.38	78.7	5.43	11.0	SR13	11/30/2018 23:05	22.35	80.6	5.56	10.4
SR13	11/30/2018 5:10	22.94	82.2	5.86	4.7	SR13	11/30/2018 11:10	22.99	87.7	6.25	5.4	SR13	11/30/2018 17:10	22.38	78.5	5.42	12.0	SR13	11/30/2018 23:10	22.33	80.3	5.54	12.0
SR13	11/30/2018 5:15	22.97	84.1	6.00	6.1	SR13	11/30/2018 11:15	22.99	86.9	6.20	5.4	SR13	11/30/2018 17:15	22.37	78.4	5.41	10.8	SR13	11/30/2018 23:15	22.33	81.0	5.59	10.3
SR13	11/30/2018 5:20	22.96	83.8	5.97	5.9	SR13	11/30/2018 11:20	22.41	81.4	5.62	2.1	SR13	11/30/2018 17:20	22.38	78.5	5.42	11.6	SR13	11/30/2018 23:20	22.33	80.9	5.58	9.4
SR13	11/30/2018 5:25	22.98	82.8	5.91	5.2	SR13	11/30/2018 11:25	22.40	80.9	5.58	5.6	SR13	11/30/2018 17:25	22.38	78.3	5.40	11.0	SR13	11/30/2018 23:25	22.33	80.8	5.58	11.8
SR13	11/30/2018 5:30	22.97	82.9	5.91	5.5	SR13	11/30/2018 11:30	22.40	81.4	5.62	1.7	SR13	11/30/2018 17:30	22.37	78.1	5.39	9.9	SR13	11/30/2018 23:30	22.33	80.9	5.58	9.9
SR13	11/30/2018 5:35	22.98	82.8	5.91	4.9	SR13	11/30/2018 11:35	22.39	80.9	5.59	3.9	SR13	11/30/2018 17:35	22.38	78.2	5.39	10.7	SR13	11/30/2018 23:35	22.31	81.3	5.61	11.0
SR13	11/30/2018 5:40	22.97	84.6	6.03	5.3	SR13	11/30/2018 11:40	22.41	81.6	5.63	2.1	SR13	11/30/2018 17:40	22.38	78.2	5.40	11.4	SR13	11/30/2018 23:40	22.31	81.6	5.63	11.9
SR13	11/30/2018 5:45	22.93	84.4	6.02	4.6	SR13	11/30/2018 11:45	22.40	81.2	5.60	2.6	SR13	11/30/2018 17:45	22.38	78.7	5.43	10.5	SR13	11/30/2018 23:45	22.32	80.8	5.58	11.9
SR13	11/30/2018 5:50	22.95	83.5	5.96	5.4	SR13	11/30/2018 11:50	22.41	81.0	5.59	4.8	SR13	11/30/2018 17:50	22.38	78.2	5.40	11.8	SR13	11/30/2018 23:50	22.32	80.8	5.57	11.4
SR13	11/30/2018 5:55	22.95	83.3	5.95	5.3	SR13	11/30/2018 11:55	22.40	81.5	5.63	4.1	SR13	11/30/2018 17:55	22.38	78.0	5.39	11.7	SR13	11/30/2018 23:55	22.31	81.2	5.61	11.9

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	11/30/2018 0:17	0.10				SR12	11/30/2018 0:17	0.07			
SR4	11/30/2018 0:37	0.07				SR12	11/30/2018 0:37	0.13			
SR4	11/30/2018 0:57	0.09				SR12	11/30/2018 0:57	0.11			
SR4	11/30/2018 1:17	0.08				SR12	11/30/2018 1:17	0.09			
SR4	11/30/2018 1:37	0.10				SR12	11/30/2018 1:37	0.12			
SR4	11/30/2018 1:57	0.11				SR12	11/30/2018 1:57	0.08			
SR4	11/30/2018 2:17	0.12				SR12	11/30/2018 2:17	0.09			
SR4	11/30/2018 2:37	0.10				SR12	11/30/2018 2:37	0.09			
SR4	11/30/2018 2:57	0.09				SR12	11/30/2018 2:57	0.11			
SR4	11/30/2018 3:17	0.11				SR12	11/30/2018 3:17	0.10			
SR4	11/30/2018 3:37	0.10				SR12	11/30/2018 3:37	0.09			
SR4	11/30/2018 3:57	0.10				SR12	11/30/2018 3:57	0.11			
SR4	11/30/2018 4:17	0.09				SR12	11/30/2018 4:17	0.11			
SR4	11/30/2018 4:37	0.11				SR12	11/30/2018 4:37	0.12			
SR4	11/30/2018 4:57	0.11				SR12	11/30/2018 4:57	0.13			
SR4	11/30/2018 5:17	0.10				SR12	11/30/2018 5:17	0.15			
SR4	11/30/2018 5:37	0.11				SR12	11/30/2018 5:37	0.12			
SR4	11/30/2018 5:57	0.10				SR12	11/30/2018 5:57	0.09			
SR4						SR12					
SR4	11/30/2018 6:37	0.09				SR12	11/30/2018 6:37	0.15			
SR4	11/30/2018 6:57	0.12				SR12	11/30/2018 6:57	0.10			
SR4	11/30/2018 7:17	0.11				SR12	11/30/2018 7:17	0.13			
SR4	11/30/2018 7:37	0.11				SR12	11/30/2018 7:37	0.13			
SR4	11/30/2018 7:57	0.12				SR12	11/30/2018 7:57	0.14			
SR4	11/30/2018 8:17	0.11				SR12	11/30/2018 8:17	0.10			
SR4	11/30/2018 8:37	0.10				SR12	11/30/2018 8:37	0.10			
SR4	11/30/2018 8:57	0.11				SR12	11/30/2018 8:57	0.09			
SR4	11/30/2018 9:17	0.13				SR12	11/30/2018 9:17	0.13			
SR4	11/30/2018 9:37	0.12				SR12	11/30/2018 9:37	0.09			
SR4	11/30/2018 9:57	0.10				SR12	11/30/2018 9:57	0.10			
SR4	11/30/2018 10:17	0.12				SR12	11/30/2018 10:17	0.11			
SR4						SR12	11/30/2018 10:37	0.08			
SR4						SR12	11/30/2018 10:57	0.11			
SR4						SR12	11/30/2018 11:17	0.10			
SR4						SR12	11/30/2018 11:37	0.09			
SR4						SR12	11/30/2018 11:57	0.11			
SR4	11/30/2018 12:17	0.11				SR12	11/30/2018 12:17	0.08			
SR4	11/30/2018 12:37	0.11				SR12	11/30/2018 12:37	0.08			
SR4	11/30/2018 12:57	0.11				SR12	11/30/2018 12:57	0.10			
SR4	11/30/2018 13:17	0.12				SR12	11/30/2018 13:17	0.07			
SR4	11/30/2018 13:37	0.10				SR12					
SR4	11/30/2018 13:57	0.12				SR12					
SR4	11/30/2018 14:17	0.11				SR12					
SR4	11/30/2018 14:37	0.09				SR12					
SR4	11/30/2018 14:57	0.10				SR12	11/30/2018 14:57	0.09			
SR4	11/30/2018 15:17	0.11				SR12	11/30/2018 15:17	0.09			
SR4	11/30/2018 15:37	0.08				SR12	11/30/2018 15:37	0.09			
SR4	11/30/2018 15:57	0.11				SR12	11/30/2018 15:57	0.09			
SR4	11/30/2018 16:17	0.09				SR12	11/30/2018 16:17	0.09			
SR4	11/30/2018 16:37	0.10				SR12	11/30/2018 16:37	0.10			
SR4	11/30/2018 16:57	0.08				SR12	11/30/2018 16:57	0.10			
SR4	11/30/2018 17:17	0.09				SR12	11/30/2018 17:17	0.07			
SR4	11/30/2018 17:37	0.10				SR12	11/30/2018 17:37	0.10			
SR4	11/30/2018 17:57	0.08				SR12	11/30/2018 17:57	0.10			
SR4	11/30/2018 18:17	0.09				SR12	11/30/2018 18:17	0.10			
SR4	11/30/2018 18:37	0.08				SR12	11/30/2018 18:37	0.05			
SR4	11/30/2018 18:57	0.09				SR12	11/30/2018 18:57	0.06			
SR4	11/30/2018 19:17	0.11				SR12	11/30/2018 19:17	0.10			
SR4	11/30/2018 19:37	0.10				SR12	11/30/2018 19:37	0.05			
SR4	11/30/2018 19:57	0.08				SR12	11/30/2018 19:57	0.10			
SR4	11/30/2018 20:17	0.08				SR12	11/30/2018 20:17	0.06			
SR4	11/30/2018 20:37	0.08				SR12	11/30/2018 20:37	0.07			
SR4	11/30/2018 20:57	0.11				SR12	11/30/2018 20:57	0.07			
SR4	11/30/2018 21:17	0.09				SR12	11/30/2018 21:17	0.07			
SR4	11/30/2018 21:37	0.11				SR12	11/30/2018 21:37	0.07			
SR4	11/30/2018 21:57	0.11				SR12	11/30/2018 21:57	0.10			
SR4	11/30/2018 22:17	0.11				SR12	11/30/2018 22:17	0.07			
SR4	11/30/2018 22:37	0.07				SR12	11/30/2018 22:37	0.07			
SR4	11/30/2018 22:57	0.07				SR12	11/30/2018 22:57	0.06			
SR4	11/30/2018 23:17	0.08				SR12	11/30/2018 23:17	0.08			
SR4	11/30/2018 23:37	0.07				SR12	11/30/2018 23:37	0.06			
SR4	11/30/2018 23:57	0.09				SR12	11/30/2018 23:57	0.07			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.
SR4 monitoring station was under maintenance during 10:31-11:41.
SR12 monitoring station was under maintenance during 13:31-14:36.
SR13 monitoring station was under maintenance during 15:15-16:40.

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/1/2018 0:01	22.76	76.0	5.47	4.1	SR4	12/1/2018 6:01	22.74	76.2	5.48	4.4	SR4	12/1/2018 12:01	23.19	81.1	5.80	3.1	SR4	12/1/2018 18:01	22.69	75.4	5.45	2.2
SR4	12/1/2018 0:06	22.76	76.5	5.50	3.5	SR4	12/1/2018 6:06	22.72	76.2	5.48	3.5	SR4	12/1/2018 12:06	22.85	83.4	6.01	1.1	SR4	12/1/2018 18:06	22.69	74.9	5.41	3.8
SR4	12/1/2018 0:11	22.77	77.0	5.54	2.6	SR4	12/1/2018 6:11	22.71	76.9	5.53	2.1	SR4	12/1/2018 12:11	22.81	84.3	6.08	3.0	SR4	12/1/2018 18:11	22.68	76.7	5.54	3.3
SR4	12/1/2018 0:16	22.74	76.7	5.52	5.2	SR4	12/1/2018 6:16	22.72	76.5	5.50	3.0	SR4	12/1/2018 12:16	22.91	84.3	6.07	3.4	SR4	12/1/2018 18:16	22.69	75.3	5.44	3.7
SR4	12/1/2018 0:21	22.72	76.3	5.49	2.0	SR4	12/1/2018 6:21	22.77	76.9	5.53	3.0	SR4	12/1/2018 12:21	23.07	83.8	6.01	4.8	SR4	12/1/2018 18:21	22.68	73.4	5.30	2.0
SR4	12/1/2018 0:26	22.74	76.7	5.52	5.0	SR4	12/1/2018 6:26	22.72	76.6	5.51	3.4	SR4	12/1/2018 12:26	23.36	64.2	4.61	2.0	SR4	12/1/2018 18:26	22.69	73.2	5.29	4.8
SR4	12/1/2018 0:31	22.72	77.1	5.55	5.3	SR4	12/1/2018 6:31	22.71	77.1	5.55	2.9	SR4	12/1/2018 12:31	23.36	66.8	4.79	3.5	SR4	12/1/2018 18:31	22.69	73.1	5.28	3.6
SR4	12/1/2018 0:36	22.75	77.1	5.55	4.3	SR4	12/1/2018 6:36	22.73	76.3	5.49	4.0	SR4	12/1/2018 12:36	23.27	73.8	5.29	1.5	SR4	12/1/2018 18:36	22.68	74.7	5.39	1.4
SR4	12/1/2018 0:41	22.72	76.6	5.51	4.2	SR4	12/1/2018 6:41	22.76	77.1	5.55	4.1	SR4	12/1/2018 12:41	23.11	76.1	5.47	3.7	SR4	12/1/2018 18:41	22.67	74.0	5.35	4.3
SR4	12/1/2018 0:46	22.74	76.7	5.52	3.1	SR4	12/1/2018 6:46	22.76	75.6	5.44	3.8	SR4	12/1/2018 12:46	23.02	74.5	5.36	2.2	SR4	12/1/2018 18:46	22.66	79.3	5.73	2.8
SR4	12/1/2018 0:51	22.72	75.9	5.46	5.0	SR4	12/1/2018 6:51	22.75	77.1	5.55	1.9	SR4	12/1/2018 12:51	23.02	76.1	5.48	1.2	SR4	12/1/2018 18:51	22.67	78.6	5.69	4.5
SR4	12/1/2018 0:56	22.77	76.7	5.52	4.4	SR4	12/1/2018 6:56	22.74	76.5	5.50	3.7	SR4	12/1/2018 12:56	23.07	76.7	5.51	1.2	SR4	12/1/2018 18:56	22.66	79.5	5.75	3.6
SR4	12/1/2018 1:01	22.71	76.6	5.51	4.4	SR4	12/1/2018 7:01	22.71	76.2	5.48	3.7	SR4	12/1/2018 13:01	23.14	76.2	5.47	3.3	SR4	12/1/2018 19:01	22.66	81.0	5.86	2.6
SR4	12/1/2018 1:06	22.74	75.8	5.45	1.9	SR4	12/1/2018 7:06	22.72	75.6	5.44	2.1	SR4	12/1/2018 13:06	23.18	75.6	5.43	2.5	SR4	12/1/2018 19:06	22.66	80.7	5.84	1.8
SR4	12/1/2018 1:11	22.76	76.9	5.53	5.2	SR4	12/1/2018 7:11	22.74	76.9	5.53	1.9	SR4	12/1/2018 13:11	23.06	78.2	5.62	3.6	SR4	12/1/2018 19:11	22.66	80.2	5.80	1.4
SR4	12/1/2018 1:16	22.74	76.2	5.48	5.4	SR4	12/1/2018 7:16	22.76	75.9	5.46	4.1	SR4	12/1/2018 13:16	22.96	78.9	5.68	1.7	SR4	12/1/2018 19:16	22.66	81.5	5.90	2.2
SR4	12/1/2018 1:21	22.74	76.6	5.51	2.6	SR4	12/1/2018 7:21	22.75	76.5	5.50	3.3	SR4	12/1/2018 13:21	22.95	80.2	5.77	2.6	SR4	12/1/2018 19:21	22.66	80.3	5.81	1.0
SR4	12/1/2018 1:26	22.71	75.9	5.46	5.0	SR4	12/1/2018 7:26	22.77	76.0	5.47	3.9	SR4	12/1/2018 13:26	22.90	81.1	5.84	2.1	SR4	12/1/2018 19:26	22.66	79.7	5.76	4.3
SR4	12/1/2018 1:31	22.75	76.7	5.52	1.9	SR4	12/1/2018 7:31	22.73	74.4	5.35	2.4	SR4	12/1/2018 13:31	22.70	82.4	5.96	1.4	SR4	12/1/2018 19:31	22.64	78.1	5.65	2.7
SR4	12/1/2018 1:36	22.74	76.2	5.48	2.5	SR4	12/1/2018 7:36	22.73	75.1	5.40	2.3	SR4	12/1/2018 13:36	22.66	81.6	5.91	5.3	SR4	12/1/2018 19:36	22.65	77.9	5.64	2.9
SR4	12/1/2018 1:41	22.76	76.9	5.53	5.4	SR4	12/1/2018 7:41	22.74	75.5	5.43	3.1	SR4	12/1/2018 13:41	22.66	82.0	5.92	1.1	SR4	12/1/2018 19:41	22.65	77.7	5.62	1.2
SR4	12/1/2018 1:46	22.76	77.3	5.56	5.0	SR4	12/1/2018 7:46	22.70	74.6	5.37	2.2	SR4	12/1/2018 13:46	22.73	82.7	5.97	4.8	SR4	12/1/2018 19:46	22.64	78.7	5.69	4.9
SR4	12/1/2018 1:51	22.74	77.0	5.54	3.9	SR4	12/1/2018 7:51	22.67	74.4	5.35	2.2	SR4	12/1/2018 13:51	22.65	81.7	5.91	5.7	SR4	12/1/2018 19:51	22.64	79.4	5.75	4.8
SR4	12/1/2018 1:56	22.73	75.9	5.46	2.7	SR4	12/1/2018 7:56	22.66	74.4	5.35	2.9	SR4	12/1/2018 13:56	22.81	80.9	5.83	2.8	SR4	12/1/2018 19:56	22.64	80.5	5.82	3.0
SR4	12/1/2018 2:01	22.73	75.6	5.44	1.8	SR4	12/1/2018 8:01	22.68	74.9	5.39	2.2	SR4	12/1/2018 14:01	22.72	81.5	5.88	2.4	SR4	12/1/2018 20:01	22.64	81.1	5.86	3.6
SR4	12/1/2018 2:06	22.77	75.6	5.44	4.5	SR4	12/1/2018 8:06	22.72	74.6	5.37	3.0	SR4	12/1/2018 14:06	22.72	81.1	5.85	3.2	SR4	12/1/2018 20:06	22.64	80.4	5.82	1.9
SR4	12/1/2018 2:11	22.72	77.1	5.55	4.6	SR4	12/1/2018 8:11	22.67	75.5	5.43	2.6	SR4	12/1/2018 14:11	22.72	80.9	5.84	1.7	SR4	12/1/2018 20:11	22.63	80.3	5.81	5.3
SR4	12/1/2018 2:16	22.71	77.3	5.56	4.2	SR4	12/1/2018 8:16	22.72	75.1	5.40	3.1	SR4	12/1/2018 14:16	22.73	80.5	5.81	1.7	SR4	12/1/2018 20:16	22.62	80.7	5.84	5.1
SR4	12/1/2018 2:21	22.74	75.8	5.45	4.1	SR4	12/1/2018 8:21	22.68	74.6	5.37	2.7	SR4	12/1/2018 14:21	22.74	80.8	5.83	2.8	SR4	12/1/2018 20:21	22.62	80.9	5.86	1.2
SR4	12/1/2018 2:26	22.73	76.3	5.49	4.4	SR4	12/1/2018 8:26	22.67	75.6	5.44	2.2	SR4	12/1/2018 14:26	22.74	80.9	5.83	1.7	SR4	12/1/2018 20:26	22.62	80.7	5.84	1.6
SR4	12/1/2018 2:31	22.73	76.0	5.47	4.3	SR4	12/1/2018 8:31	22.74	75.2	5.41	3.1	SR4	12/1/2018 14:31	22.83	79.6	5.73	2.0	SR4	12/1/2018 20:31	22.63	79.0	5.71	1.3
SR4	12/1/2018 2:36	22.76	76.9	5.53	4.1	SR4	12/1/2018 8:36	22.69	74.8	5.38	3.0	SR4	12/1/2018 14:36	22.93	79.5	5.71	4.2	SR4	12/1/2018 20:36	22.62	78.4	5.68	2.9
SR4	12/1/2018 2:41	22.71	76.9	5.53	3.4	SR4	12/1/2018 8:41	22.70	75.2	5.41	2.9	SR4	12/1/2018 14:41	22.80	79.8	5.75	2.7	SR4	12/1/2018 20:41	22.64	78.6	5.69	2.6
SR4	12/1/2018 2:46	22.76	75.9	5.46	1.9	SR4	12/1/2018 8:46	22.72	74.6	5.37	3.1	SR4	12/1/2018 14:46	22.76	80.4	5.79	1.7	SR4	12/1/2018 20:46	22.61	79.3	5.74	3.9
SR4	12/1/2018 2:51	22.77	77.3	5.56	4.7	SR4	12/1/2018 8:51	22.72	75.6	5.44	3.1	SR4	12/1/2018 14:51	22.76	80.0	5.77	1.1	SR4	12/1/2018 20:51	22.61	79.4	5.75	4.0
SR4	12/1/2018 2:56	22.73	76.2	5.48	2.5	SR4	12/1/2018 8:56	22.67	74.4	5.35	2.5	SR4	12/1/2018 14:56	22.77	80.5	5.80	1.6	SR4	12/1/2018 20:56	22.63	78.8	5.70	5.2
SR4	12/1/2018 3:01	22.73	76.0	5.47	2.5	SR4	12/1/2018 9:01	22.69	74.5	5.36	2.6	SR4	12/1/2018 15:01	22.77	80.4	5.79	1.9	SR4	12/1/2018 21:01	22.61	78.2	5.66	2.5
SR4	12/1/2018 3:06	22.71	75.9	5.46	2.7	SR4	12/1/2018 9:06	22.71	75.2	5.41	2.3	SR4	12/1/2018 15:06	22.80	80.8	5.82	1.3	SR4	12/1/2018 21:06	22.63	78.4	5.67	4.3
SR4	12/1/2018 3:11	22.75	76.9	5.53	5.2	SR4	12/1/2018 9:11	22.68	75.3	5.42	2.7	SR4	12/1/2018 15:11	22.77	79.9	5.76	5.0	SR4	12/1/2018 21:11	22.62	79.6	5.76	4.8
SR4	12/1/2018 3:16	22.73	76.0	5.47	4.6	SR4	12/1/2018 9:16	22.70	74.4	5.35	2.8	SR4	12/1/2018 15:16	22.77	80.1	5.77	1.7	SR4	12/1/2018 21:16	22.60	78.7	5.69	4.2
SR4	12/1/2018 3:21	22.73	77.0	5.54	4.9	SR4	12/1/2018 9:21	22.72	74.9	5.39	3.1	SR4	12/1/2018 15:21	22.77	80.4	5.79	1.6	SR4	12/1/2018 21:21	22.57	78.3	5.67	2.3
SR4	12/1/2018 3:26	22.76	75.6	5.44	3.8	SR4	12/1/2018 9:26	22.63	73.8	5.33	1.5	SR4	12/1/2018 15:26	22.76	79.7	5.74	4.1	SR4	12/1/2018 21:26	22.61	77.8	5.63	5.2
SR4	12/1/2018 3:31	22.72	77.0	5.54	3.5	SR4	12/1/2018 9:31	22.66	73.7	5.32	2.0	SR4	12/1/2018 15:31	22.80	80.3	5.78	1.6	SR4	12/1/2018 21:31	22.64	77.3	5.60	4.5
SR4	12/1/2018 3:36	22.73	76.5	5.50	2.2	SR4	12/1/2018 9:36	22.64	78.1	5.63	4.5	SR4	12/1/2018 15:36	22.75	79.1	5.70	3.8	SR4	12/1/2018 21:36	22.66	75.8	5.49	4.4
SR4	12/1/2018 3:41	22.76	76.9	5.53	5.3	SR4	12/1/2018 9:41	22.63	78.5	6.42	**13.6**	SR4	12/1/2018 15:41	22.75	79.8	5.75	2.7	SR4	12/1/2018 21:41	22.66	75.6	5.47	4.5
SR4	12/1/2018 3:46	22.72	77.1	5.55	3.7	SR4	12/1/2018 9:46	22.65	79.4	6.48	5.8	SR4	12/1/2018 15:46	22.75	80.4	5.80	4.4	SR4	12/1/2018 21:46	22.66	76.2	5.51	1.8
SR4	12/1/2018 3:51	22.74	77.0	5.54	2.5	SR4	12/1/2018 9:51	22.59	78.3	5.65	6.1	SR4	12/1/2018 15:51	22.74	79.0	5.69	1.0	SR4	12/1/2018 21:51	22.61	78.5	5.68	5.3
SR4	12/1/2018 3:56	22.73	75.6	5.44	3.3	SR4	12/1/2018 9:56	22.58	78.1	5.65	3.9	SR4	12/1/2018 15:56	22.75	79.7	5.74	2.0	SR4	12/1/2018 21:56	22.63	78.9	5.71	3.1
SR4	12/1/2018 4:01	22.77	76.7	5.52	2.9	SR4	12/1/2018 10:01	22.57	77.8	5.63	3.8	SR4	12/1/2018 16:01	22.75	78.5	5.67	1.4	SR4	12/1/2018 22:01	22.63	78.5	5.68	3.3
SR4	12/1/2018 4:06	22.75	76.9	5.53	4.4	SR4	12/1/2018 10:06	22.63	73.7	5.33	6.7	SR4	12/1/2018 16:06	22.76	78.4	5.66	1.7	SR4	12/1/2018 22:06	22.60	78.7	5.70	4.5
SR4	12/1/2018 4:11	22.77	76.0	5.47	3.7	SR4	12/1/2018 10:11	22.63	74.1	5.36	4.2	SR4	12/1/2018 16:11	22.78	77.7	5.60	5.1	SR4	12/1/2018 22:11	22.60	78.2	5.67	5.0
SR4	12/1/2018 4:16	22.73	77.3	5.56	4.0	SR4	12/1/2018 10:16	22.63	75.5	5.46	5.6	SR4	12/1/2018 16:16	22.77	77.8	5.61	4.4	SR4	12/1/2018 22:16	22.61	78.6	5.69	4.0
SR4	12/1/2018 4:21	22.76	77.0	5.54	4.3	SR4	12/1/2018 10:21	22.65	77.1	5.57	5.0	SR4	12/1/2018 16:21	22.76	78.1	5.64	2.0	SR4	12/1/2018 22:21	22.60	77.8	5.64	1.7
SR4	12/1/2018 4:26	22.75	75.8	5.45	4.4	SR4	12/1/2018 10:26	22.64	77.4	5.59	4.2	SR4	12/1/2018 16:26	22.76	76.9	5.55	1.0	SR4	12/1/2018 22:26	22.62	77.9	5.65	3.0
SR4	12/1/2018 4:31	22.77	76.3	5.49	4.4	SR4	12/1/2018 10:31	22.62	80.1	6.82	7.2	SR4	12/1/2018 16:31	22.74	78.0	5.64	2.2	SR4	12/1/2018 22:31	22.66	77.0	5.58	4.7
SR4	12/1/2018 4:36	22.77	76.3	5.49	5.5	SR4	12/1/2018 10:36	22.64	78.4	6.67	4.2	SR4	12/1/2018 16:36	22.73	77.3	5.59	2.2	SR4	12/1/2018 22:36	22.65	77.3	5.60	1.6
SR4	12/1/2018 4:41	22.74	75.9	5.46	3.8	SR4	12/1/2018 10:41	22.70	74.9	5.82	2.6	SR4	12/1/2018 16:41	22.73	76.1	5.49	1.2	SR4	12/1/2018 22:41	22.65	77.5	5.61	3.2
SR4	12/1/2018 4:46	22.72	76.5	5.50	4.7	SR4	12/1/2018 10:46	22.70	74.8	5.40	3.1	SR4	12/1/2018 16:46	22.72	76.0	5.49	1.6	SR4	12/1/2018 22:46	22.65	77.2	5.59	4.3
SR4	12/1/2018 4:51	22.75	77.3	5.56	3.2	SR4	12/1/2018 10:51	22.71	77.2	6.57	3.6	SR4	12/1/2018 16:51	22.74	77.0	5.56	3.0	SR4	12/1/2018 22:51	22.65	76.3	5.53	5.1
SR4	12/1/2018 4:56	22.72	76.3	5.49	4.6	SR4	12/1/2018 10:56	22.69	78.1	5.64	3.7	SR4	12/1/2018 16:56	22.73	76.5	5.53	4.5	SR4	12/1/2018 22:56	22.63	77.2	5.59	5.4
SR4	12/1/2018 5:01	22.76	76.5	5.50	5.5	SR4	12/1/2018 11:01	22.77	78.7	5.67	2.4	SR4	12/1/2018 17:01	22.73	75.7	5.46	1.8	SR4	12/1/2018 23:01	22.63	77.7	5.63	4.9
SR4	12/1/2018 5:06	22.76	77.0	5.54	3.0	SR4	12/1/2018 11:06	22.83	78.5	5.65	4.0	SR4	12/1/2018 17:06	22.73	76.9	5.55	2.1	SR4	12/1/2018 23:06	22.63	77.4	5.60	4.9
SR4	12/1/2018 5:11	22.74	75.9	5.46	3.9	SR4	12/1/2018 11:11	22.91	78.5	5.64	2.1	SR4	12/1/2018 17:11	22.73	76.4	5.52	1.0	SR4	12/1/2018 23:11	22.60	77.4	5.61	3.1
SR4	12/1/2018 5:16	22.71	76.9	5.53	5.3	SR4	12/1/2018 11:16	22.91	77.6	5.58	2.1	SR4	12/1/2018 17:16	22.72	76.6	5.53	1.6	SR4	12/1/2018 23:16	22.75	73.6	5.32	1.5
SR4	12/1/2018 5:21	22.73	75.9	5.46	2.6	SR4	12/1/2018 11:21	22.89	77.4	5.57	2.3	SR4	12/1/2018 17:21	22.71	76.2	5.50	3.3	SR4	12/1/2018 23:21	22.69	74.6	5.40	1.4
SR4	12/1/2018 5:26	22.73	75.9	5.46	1.8	SR4	12/1/2018 11:26	22.95	76.5	5.50	1.8	SR4	12/1/2018 17:26	22.71	75.3	5.44	2.3	SR4	12/1/2018 23:26	22.65	67.0	4.86	3.7
SR4	12/1/2018 5:31	22.76	75.9	5.46	3.1	SR4	12/1/2018 11:31	22.88	78.5	5.74	2.5	SR4	12/1/2018 17:31	22.70	77.3	5.59	4.8	SR4	12/1/2018 23:31	22.65	62.0	4.50	2.2
SR4	12/1/2018 5:36	22.72	76.3	5.49	5.0	SR4	12/1/2018 11:36	22.85	78.1	6.36	2.5	SR4	12/1/2018 17:36	22.69	78.2	5.65	3.8	SR4	12/1/2018 23:36	22.76	64.0	4.64	4.3
SR4	12/1/2018 5:41	22.71	75.8	5.45	1.9	SR4	12/1/2018 11:41	22.84	79.1	5.69	2.3	SR4	12/1/2018 17:41	22.69	77.9	5.63	2.5	SR4	12/1/2018 23:41	22.78	65.0	4.71	2.1
SR4	12/1/2018 5:46	22.74	76.6	5.51	4.0	SR4	12/1/2018 11:46	22.94	79.1	5.69	2.1	SR4	12/1/2018 17:46	22.70	76.5	5.53	1.5	SR4	12/1/2018 23:46	22.74	67.0	4.85	2.8
SR4	12/1/2018 5:51	22.73	76.5	5.50	2.6	SR4	12/1/2018 11:51	23.00	79.2	5.69	1.8	SR4	12/1/2018 17:51	22.70	74.9	5.41	1.0	SR4	12/1/2018 23:51	22.79	69.7	5.04	3.0
SR4	12/1/2018 5:56	22.75	77.0	5.54	2.6	SR4	12/1/2018 11:56	23.08	81.7	5.86	1.8	SR4	12/1/2018 17:56	22.69	77.1	5.57	1.2	SR4	12/1/2018 23:56	22.78	67.8	4.90	2.6

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/1/2018 0:00	22.83	97.2	6.74	4.0	SR5	12/1/2018 6:00	22.77	96.1	6.67	3.5	SR5	12/1/2018 12:00	23.03	99.0	6.87	4.7	SR5	12/1/2018 18:00	23.14	97.3	6.75	3.8
SR5	12/1/2018 0:05	22.84	96.3	6.69	5.1	SR5	12/1/2018 6:05	22.75	96.9	6.73	4.1	SR5	12/1/2018 12:05	23.05	100.6	6.99	1.3	SR5	12/1/2018 18:05	23.15	97.7	6.78	3.6
SR5	12/1/2018 0:10	22.81	99.6	6.90	5.3	SR5	12/1/2018 6:10	22.81	96.6	6.70	2.5	SR5	12/1/2018 12:10	23.06	102.4	7.11	2.0	SR5	12/1/2018 18:10	23.15	98.8	6.86	4.7
SR5	12/1/2018 0:15	22.77	95.7	6.64	3.2	SR5	12/1/2018 6:15	22.79	99.6	6.91	5.4	SR5	12/1/2018 12:15	23.03	100.0	6.95	2.8	SR5	12/1/2018 18:15	23.15	97.6	6.77	5.0
SR5	12/1/2018 0:20	22.79	96.0	6.66	3.6	SR5	12/1/2018 6:20	22.79	99.2	6.88	4.2	SR5	12/1/2018 12:20	23.12	102.2	7.09	6.0	SR5	12/1/2018 18:20	23.15	95.4	6.62	3.1
SR5	12/1/2018 0:25	22.79	99.5	6.90	2.6	SR5	12/1/2018 6:25	22.77	95.5	6.63	4.9	SR5	12/1/2018 12:25	23.34	95.2	6.60	4.1	SR5	12/1/2018 18:25	23.15	97.5	6.77	5.4
SR5	12/1/2018 0:30	22.82	98.2	6.81	4.0	SR5	12/1/2018 6:30	22.80	97.3	6.76	2.8	SR5	12/1/2018 12:30	23.21	98.6	6.83	4.4	SR5	12/1/2018 18:30	23.16	97.3	6.75	2.1
SR5	12/1/2018 0:35	22.80	99.0	6.87	2.9	SR5	12/1/2018 6:35	22.81	97.7	6.78	3.5	SR5	12/1/2018 12:35	23.20	100.3	6.95	4.5	SR5	12/1/2018 18:35	23.16	97.6	6.77	2.9
SR5	12/1/2018 0:40	22.78	99.6	6.91	2.6	SR5	12/1/2018 6:40	22.80	98.0	6.80	4.3	SR5	12/1/2018 12:40	23.24	99.4	6.89	5.7	SR5	12/1/2018 18:40	23.16	97.4	6.76	2.6
SR5	12/1/2018 0:45	22.80	97.1	6.74	2.9	SR5	12/1/2018 6:45	22.76	99.2	6.88	2.0	SR5	12/1/2018 12:45	23.16	97.1	6.74	4.7	SR5	12/1/2018 18:45	23.16	96.3	6.69	4.1
SR5	12/1/2018 0:50	22.76	96.5	6.69	5.6	SR5	12/1/2018 6:50	22.76	99.6	6.91	4.0	SR5	12/1/2018 12:50	23.18	99.2	6.88	2.6	SR5	12/1/2018 18:50	23.16	97.7	6.79	5.2
SR5	12/1/2018 0:55	22.84	97.2	6.74	4.3	SR5	12/1/2018 6:55	22.77	99.4	6.90	4.4	SR5	12/1/2018 12:55	23.26	97.3	6.75	3.7	SR5	12/1/2018 18:55	23.16	96.6	6.71	4.6
SR5	12/1/2018 1:00	22.78	99.2	6.88	5.8	SR5	12/1/2018 7:00	22.81	97.7	6.78	3.7	SR5	12/1/2018 13:00	23.21	97.0	6.73	4.1	SR5	12/1/2018 19:00	23.16	97.3	6.76	3.4
SR5	12/1/2018 1:05	22.82	98.0	6.79	2.3	SR5	12/1/2018 7:05	22.77	99.5	6.90	1.6	SR5	12/1/2018 13:05	23.22	100.0	6.93	4.1	SR5	12/1/2018 19:05	23.16	99.4	6.91	3.6
SR5	12/1/2018 1:10	22.78	98.0	6.80	3.4	SR5	12/1/2018 7:10	22.76	96.5	6.70	3.1	SR5	12/1/2018 13:10	23.20	98.0	6.80	3.9	SR5	12/1/2018 19:10	23.16	97.6	6.79	3.7
SR5	12/1/2018 1:15	22.78	98.3	6.82	3.6	SR5	12/1/2018 7:15	22.79	97.8	6.79	5.3	SR5	12/1/2018 13:15	23.19	98.9	6.87	4.3	SR5	12/1/2018 19:15	23.17	97.7	6.79	4.4
SR5	12/1/2018 1:20	22.85	98.2	6.81	2.3	SR5	12/1/2018 7:20	22.82	96.0	6.67	4.2	SR5	12/1/2018 13:20	23.24	100.3	6.96	3.3	SR5	12/1/2018 19:20	23.17	96.7	6.72	3.8
SR5	12/1/2018 1:25	22.82	95.6	6.63	4.5	SR5	12/1/2018 7:25	22.81	96.6	6.71	2.8	SR5	12/1/2018 13:25	23.29	97.7	6.79	4.8	SR5	12/1/2018 19:25	23.17	98.2	6.82	4.7
SR5	12/1/2018 1:30	22.85	97.8	6.78	3.2	SR5	12/1/2018 7:30	22.75	98.4	6.83	4.2	SR5	12/1/2018 13:30	23.28	99.6	6.92	2.4	SR5	12/1/2018 19:30	23.18	99.4	6.90	3.3
SR5	12/1/2018 1:35	22.81	95.7	6.64	5.0	SR5	12/1/2018 7:35	22.74	96.7	6.71	4.8	SR5	12/1/2018 13:35	23.29	98.1	6.82	3.7	SR5	12/1/2018 19:35	23.09	96.7	6.72	3.1
SR5	12/1/2018 1:40	22.80	97.5	6.76	5.3	SR5	12/1/2018 7:40	22.80	98.3	6.82	4.8	SR5	12/1/2018 13:40	23.29	98.8	6.86	1.3	SR5	12/1/2018 19:40	23.12	98.8	6.86	3.3
SR5	12/1/2018 1:45	22.81	95.8	6.65	5.1	SR5	12/1/2018 7:45	22.73	96.0	6.67	4.1	SR5	12/1/2018 13:45	23.29	100.0	6.94	4.5	SR5	12/1/2018 19:45	23.11	98.3	6.83	3.5
SR5	12/1/2018 1:50	22.79	99.1	6.87	4.8	SR5	12/1/2018 7:50	22.78	97.1	6.74	2.4	SR5	12/1/2018 13:50	23.23	100.3	6.98	5.0	SR5	12/1/2018 19:50	23.14	98.6	6.85	4.4
SR5	12/1/2018 1:55	22.81	96.8	6.72	3.9	SR5	12/1/2018 7:55	22.77	99.1	6.87	1.9	SR5	12/1/2018 13:55	23.18	99.2	6.89	4.7	SR5	12/1/2018 19:55	23.14	98.9	6.88	3.1
SR5	12/1/2018 2:00	22.83	97.0	6.73	1.9	SR5	12/1/2018 8:00	22.74	98.6	6.84	3.9	SR5	12/1/2018 14:00	23.10	99.8	6.93	4.8	SR5	12/1/2018 20:00	23.13	98.3	6.83	5.4
SR5	12/1/2018 2:05	22.82	97.2	6.74	4.7	SR5	12/1/2018 8:05	22.72	96.5	6.71	4.0	SR5	12/1/2018 14:05	23.14	99.3	6.90	3.5	SR5	12/1/2018 20:05	23.16	96.9	6.73	3.9
SR5	12/1/2018 2:10	22.78	96.7	6.71	2.1	SR5	12/1/2018 8:10	22.77	97.4	6.76	2.6	SR5	12/1/2018 14:10	23.16	98.8	6.87	2.4	SR5	12/1/2018 20:10	23.15	99.0	6.88	3.4
SR5	12/1/2018 2:15	22.82	97.5	6.77	4.0	SR5	12/1/2018 8:15	22.72	99.7	6.92	2.1	SR5	12/1/2018 14:15	23.18	98.7	6.86	2.2	SR5	12/1/2018 20:15	23.15	99.5	6.91	4.1
SR5	12/1/2018 2:20	22.83	95.7	6.64	3.4	SR5	12/1/2018 8:20	22.72	96.4	6.70	3.3	SR5	12/1/2018 14:20	23.12	98.3	6.83	3.5	SR5	12/1/2018 20:20	23.15	99.7	6.93	2.3
SR5	12/1/2018 2:25	22.81	95.5	6.62	5.0	SR5	12/1/2018 8:25	22.77	96.7	6.72	3.3	SR5	12/1/2018 14:25	23.13	98.5	6.84	2.5	SR5	12/1/2018 20:25	23.15	98.9	6.87	3.5
SR5	12/1/2018 2:30	22.77	99.1	6.87	5.2	SR5	12/1/2018 8:30	22.76	98.6	6.84	1.8	SR5	12/1/2018 14:30	23.12	99.7	6.92	1.9	SR5	12/1/2018 20:30	23.13	99.7	6.92	2.2
SR5	12/1/2018 2:35	22.79	96.6	6.71	3.5	SR5	12/1/2018 8:35	22.79	99.8	6.92	3.1	SR5	12/1/2018 14:35	23.13	99.2	6.89	3.4	SR5	12/1/2018 20:35	23.14	97.5	6.77	3.5
SR5	12/1/2018 2:40	22.76	97.3	6.75	4.7	SR5	12/1/2018 8:40	22.75	97.7	6.78	2.9	SR5	12/1/2018 14:40	23.12	100.2	6.96	4.4	SR5	12/1/2018 20:40	23.11	97.1	6.75	3.9
SR5	12/1/2018 2:45	22.81	98.7	6.84	3.9	SR5	12/1/2018 8:45	22.75	99.0	6.88	3.0	SR5	12/1/2018 14:45	23.21	98.8	6.86	4.4	SR5	12/1/2018 20:45	23.11	97.5	6.78	4.3
SR5	12/1/2018 2:50	22.81	98.3	6.81	4.8	SR5	12/1/2018 8:50	22.73	100.2	6.96	4.8	SR5	12/1/2018 14:50	23.08	97.5	6.78	2.3	SR5	12/1/2018 20:50	23.11	99.0	6.88	5.2
SR5	12/1/2018 2:55	22.75	96.4	6.69	3.6	SR5	12/1/2018 8:55	22.73	97.4	6.76	2.6	SR5	12/1/2018 14:55	23.10	99.0	6.87	2.3	SR5	12/1/2018 20:55	23.11	98.4	6.84	3.1
SR5	12/1/2018 3:00	22.76	98.0	6.80	1.8	SR5	12/1/2018 9:00	22.71	97.3	6.76	3.5	SR5	12/1/2018 15:00	23.08	98.4	6.83	2.7	SR5	12/1/2018 21:00	23.09	99.4	6.91	2.6
SR5	12/1/2018 3:05	22.82	97.0	6.73	3.8	SR5	12/1/2018 9:05	22.73	96.8	6.73	3.4	SR5	12/1/2018 15:05	23.08	100.3	6.96	3.9	SR5	12/1/2018 21:05	23.08	99.5	6.91	2.6
SR5	12/1/2018 3:10	22.81	95.5	6.63	4.8	SR5	12/1/2018 9:10	22.77	98.3	6.83	2.9	SR5	12/1/2018 15:10	23.08	97.3	6.76	2.9	SR5	12/1/2018 21:10	23.07	96.9	6.73	3.1
SR5	12/1/2018 3:15	22.81	97.5	6.76	5.3	SR5	12/1/2018 9:15	22.78	97.5	6.77	3.7	SR5	12/1/2018 15:15	23.08	97.2	6.75	2.8	SR5	12/1/2018 21:15	23.06	97.2	6.76	3.8
SR5	12/1/2018 3:20	22.76	95.9	6.66	2.8	SR5	12/1/2018 9:20	22.76	99.2	6.88	3.7	SR5	12/1/2018 15:20	23.10	98.7	6.86	1.9	SR5	12/1/2018 21:20	23.08	98.8	6.87	3.5
SR5	12/1/2018 3:25	22.78	96.2	6.68	4.2	SR5	12/1/2018 9:25	22.73	100.2	6.96	2.6	SR5	12/1/2018 15:25	23.12	99.4	6.90	4.7	SR5	12/1/2018 21:25	23.09	100.3	6.96	4.0
SR5	12/1/2018 3:30	22.79	96.4	6.69	2.7	SR5	12/1/2018 9:30	22.70	97.4	6.77	1.8	SR5	12/1/2018 15:30	23.11	98.3	6.82	2.9	SR5	12/1/2018 21:30	23.08	98.0	6.81	4.2
SR5	12/1/2018 3:35	22.83	98.3	6.82	2.5	SR5	12/1/2018 9:35	22.75	98.7	6.86	3.1	SR5	12/1/2018 15:35	23.10	98.1	6.81	4.8	SR5	12/1/2018 21:35	23.10	96.2	6.69	2.8
SR5	12/1/2018 3:40	22.83	97.1	6.74	3.6	SR5	12/1/2018 9:40	22.88	101.3	7.23	5.0	SR5	12/1/2018 15:40	23.10	96.7	6.72	6.3	SR5	12/1/2018 21:40	23.10	98.1	6.82	5.3
SR5	12/1/2018 3:45	22.77	96.3	6.69	4.0	SR5	12/1/2018 9:45	22.88	100.3	7.16	6.1	SR5	12/1/2018 15:45	23.11	97.3	6.76	4.5	SR5	12/1/2018 21:45	23.11	97.9	6.80	5.0
SR5	12/1/2018 3:50	22.82	99.4	6.90	3.3	SR5	12/1/2018 9:50	22.90	98.9	6.88	5.3	SR5	12/1/2018 15:50	23.11	99.7	6.92	2.9	SR5	12/1/2018 21:50	23.10	99.1	6.88	4.1
SR5	12/1/2018 3:55	22.80	98.3	6.82	3.1	SR5	12/1/2018 9:55	22.92	97.8	6.80	4.2	SR5	12/1/2018 15:55	23.11	98.7	6.85	2.3	SR5	12/1/2018 21:55	23.10	99.5	6.91	2.7
SR5	12/1/2018 4:00	22.78	96.9	6.72	4.1	SR5	12/1/2018 10:00	22.92	100.4	6.98	4.2	SR5	12/1/2018 16:00	23.11	99.7	6.92	1.6	SR5	12/1/2018 22:00	23.10	97.1	6.75	4.7
SR5	12/1/2018 4:05	22.78	95.9	6.66	4.2	SR5	12/1/2018 10:05	22.94	97.9	6.81	4.0	SR5	12/1/2018 16:05	23.12	98.2	6.82	3.9	SR5	12/1/2018 22:05	23.10	100.5	6.98	2.7
SR5	12/1/2018 4:10	22.81	99.0	6.87	5.1	SR5	12/1/2018 10:10	22.89	96.3	6.70	5.4	SR5	12/1/2018 16:10	23.12	96.3	6.69	4.6	SR5	12/1/2018 22:10	23.10	98.3	6.84	4.5
SR5	12/1/2018 4:15	22.80	97.1	6.74	4.4	SR5	12/1/2018 10:15	22.92	97.7	6.79	5.4	SR5	12/1/2018 16:15	23.12	96.7	6.71	3.9	SR5	12/1/2018 22:15	23.10	100.6	6.99	3.3
SR5	12/1/2018 4:20	22.82	98.0	6.80	2.2	SR5	12/1/2018 10:20	22.90	99.6	6.92	4.0	SR5	12/1/2018 16:20	23.12	98.7	6.86	2.1	SR5	12/1/2018 22:20	23.09	96.9	6.74	2.7
SR5	12/1/2018 4:25	22.78	96.1	6.67	5.5	SR5	12/1/2018 10:25	22.88	99.5	6.91	4.3	SR5	12/1/2018 16:25	23.13	98.3	6.83	2.9	SR5	12/1/2018 22:25	23.11	98.9	6.88	3.9
SR5	12/1/2018 4:30	22.78	99.5	6.90	2.7	SR5	12/1/2018 10:30	22.89	98.5	7.11	5.4	SR5	12/1/2018 16:30	23.12	98.2	6.82	4.5	SR5	12/1/2018 22:30	23.11	98.3	6.83	3.9
SR5	12/1/2018 4:35	22.78	97.9	6.79	5.0	SR5	12/1/2018 10:35	22.89	97.9	7.06	3.9	SR5	12/1/2018 16:35	23.12	97.6	6.78	4.9	SR5	12/1/2018 22:35	23.11	99.3	6.90	1.7
SR5	12/1/2018 4:40	22.80	98.4	6.83	2.8	SR5	12/1/2018 10:40	22.92	98.6	6.95	4.9	SR5	12/1/2018 16:40	23.13	98.7	6.85	3.5	SR5	12/1/2018 22:40	23.11	99.5	6.91	4.6
SR5	12/1/2018 4:45	22.79	96.0	6.66	3.3	SR5	12/1/2018 10:45	22.94	99.5	6.91	5.4	SR5	12/1/2018 16:45	23.13	95.4	6.62	4.1	SR5	12/1/2018 22:45	23.12	98.2	6.83	4.5
SR5	12/1/2018 4:50	22.80	98.4	6.83	4.2	SR5	12/1/2018 10:50	22.94	99.0	7.13	3.5	SR5	12/1/2018 16:50	23.13	97.6	6.77	3.5	SR5	12/1/2018 22:50	23.11	97.8	6.80	4.8
SR5	12/1/2018 4:55	22.73	97.3	6.76	4.5	SR5	12/1/2018 10:55	22.99	100.5	6.98	3.0	SR5	12/1/2018 16:55	23.13	98.1	6.82	2.4	SR5	12/1/2018 22:55	23.11	98.1	6.82	4.6
SR5	12/1/2018 5:00	22.81	96.0	6.67	2.8	SR5	12/1/2018 11:00	22.96	100.5	6.98	5.0	SR5	12/1/2018 17:00	23.13	97.0	6.73	5.6	SR5	12/1/2018 23:00	23.05	99.7	6.93	5.5
SR5	12/1/2018 5:05	22.79	96.0	6.66	2.3	SR5						SR5	12/1/2018 17:05	23.13	98.2	6.82	3.5	SR5	12/1/2018 23:05	22.98	97.5	6.78	3.6
SR5	12/1/2018 5:10	22.82	96.7	6.71	3.2	SR5						SR5	12/1/2018 17:10	23.13	98.1	6.81	2.6	SR5	12/1/2018 23:10	23.00	96.8	6.74	4.5
SR5	12/1/2018 5:15	22.76	97.7	6.78	3.5	SR5						SR5	12/1/2018 17:15	23.13	95.9	6.66	2.3	SR5	12/1/2018 23:15	22.99	99.3	6.89	3.9
SR5	12/1/2018 5:20	22.79	98.4	6.83	3.3	SR5						SR5	12/1/2018 17:20	23.13	98.4	6.83	4.4	SR5	12/1/2018 23:20	22.98	98.5	6.84	3.7
SR5	12/1/2018 5:25	22.75	98.3	6.82	3.2	SR5	12/1/2018 11:25	23.06	100.2	6.96	3.2	SR5	12/1/2018 17:25	23.13	98.4	6.83	2.7	SR5	12/1/2018 23:25	23.01	97.1	6.74	4.2
SR5	12/1/2018 5:30	22.79	98.3	6.82	2.3	SR5	12/1/2018 11:30	23.02	98.0	6.83	2.5	SR5	12/1/2018 17:30	23.14	98.8	6.86	5.5	SR5	12/1/2018 23:30	22.99	93.5	6.49	3.0
SR5	12/1/2018 5:35	22.74	95.6	6.64	5.6	SR5	12/1/2018 11:35	23.02	98.0	6.99	2.7	SR5	12/1/2018 17:35	23.15	99.0	6.87	2.6	SR5	12/1/2018 23:35	22.98	95.2	6.61	3.2
SR5	12/1/2018 5:40	22.79	97.8	6.79	2.5	SR5	12/1/2018 11:40	23.09	98.8	6.86	5.0	SR5	12/1/2018 17:40	23.14	97.4	6.76	2.4	SR5	12/1/2018 23:40	22.96	96.6	6.70	5.1
SR5	12/1/2018 5:45	22.75	98.8	6.86	4.5	SR5	12/1/2018 11:45	23.06	99.4	6.90	3.4	SR5	12/1/2018 17:45	23.15	97.2	6.75	4.2	SR5	12/1/2018 23:45	22.95	93.9	6.52	4.2
SR5	12/1/2018 5:50	22.76	96.6	6.70	4.1	SR5	12/1/2018 11:50	23.10	98.3	6.82	2.9	SR5	12/1/2018 17:50	23.14	98.6	6.84	4.1	SR5	12/1/2018 23:50	22.96	95.2	6.61	4.7
SR5	12/1/2018 5:55	22.76	97.3	6.76	2.5	SR5	12/1/2018 11:55	23.08	101.4	7.04	3.6	SR5	12/1/2018 17:55	23.14	99.2	6.88	2.5	SR5	12/1/2018 23:55	22.97	97.4	6.76	4.5

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/1/2018 0:01	23.48	77.6	5.50	1.4	SR12	12/1/2018 6:01	23.40	77.1	5.48	4.6	SR12	12/1/2018 12:01	23.41	82.8	5.88	4.1	SR12	12/1/2018 18:01	23.47	74.8	5.30	2.7
SR12	12/1/2018 0:06	23.47	77.1	5.47	4.9	SR12	12/1/2018 6:06	23.39	77.2	5.49	5.1	SR12	12/1/2018 12:06	23.43	82.7	5.87	1.5	SR12	12/1/2018 18:06	23.45	75.2	5.33	2.1
SR12	12/1/2018 0:11	23.47	76.1	5.40	5.5	SR12	12/1/2018 6:11	23.40	76.6	5.44	3.5	SR12	12/1/2018 12:11	23.40	82.4	5.85	1.3	SR12	12/1/2018 18:11	23.45	75.1	5.33	5.3
SR12	12/1/2018 0:16	23.46	76.6	5.43	2.0	SR12	12/1/2018 6:16	23.40	76.6	5.45	5.2	SR12	12/1/2018 12:16	23.40	82.2	5.84	2.1	SR12	12/1/2018 18:16	23.46	75.6	5.36	4.1
SR12	12/1/2018 0:21	23.47	77.2	5.48	1.6	SR12	12/1/2018 6:21	23.40	75.7	5.38	4.6	SR12	12/1/2018 12:21	23.40	82.3	5.85	5.5	SR12	12/1/2018 18:21	23.45	75.9	5.38	4.4
SR12	12/1/2018 0:26	23.47	78.4	5.56	2.3	SR12	12/1/2018 6:26	23.40	75.7	5.38	3.7	SR12	12/1/2018 12:26	23.40	82.2	5.84	2.4	SR12	12/1/2018 18:26	23.45	76.0	5.39	4.3
SR12	12/1/2018 0:31	23.47	77.2	5.47	2.5	SR12	12/1/2018 6:31	23.40	75.5	5.37	4.2	SR12	12/1/2018 12:31	23.42	82.3	5.85	2.8	SR12	12/1/2018 18:31	23.45	75.9	5.39	1.2
SR12	12/1/2018 0:36	23.48	77.4	5.49	4.2	SR12	12/1/2018 6:36	23.40	74.8	5.32	1.1	SR12	12/1/2018 12:36	23.41	82.1	5.83	2.6	SR12	12/1/2018 18:36	23.44	76.2	5.40	1.9
SR12	12/1/2018 0:41	23.48	76.9	5.46	3.6	SR12	12/1/2018 6:41	23.40	76.4	5.43	2.8	SR12	12/1/2018 12:41	23.44	81.0	5.75	5.2	SR12	12/1/2018 18:41	23.45	75.8	5.38	1.7
SR12	12/1/2018 0:46	23.48	77.1	5.46	5.5	SR12	12/1/2018 6:46	23.40	76.5	5.44	1.8	SR12	12/1/2018 12:46	23.43	81.1	5.76	3.5	SR12	12/1/2018 18:46	23.44	76.1	5.40	2.2
SR12	12/1/2018 0:51	23.48	76.7	5.44	5.0	SR12	12/1/2018 6:51	23.40	76.6	5.44	4.5	SR12	12/1/2018 12:51	23.45	80.8	5.73	2.1	SR12	12/1/2018 18:51	23.45	75.7	5.37	4.8
SR12	12/1/2018 0:56	23.48	77.0	5.46	5.0	SR12	12/1/2018 6:56	23.40	76.5	5.43	1.7	SR12	12/1/2018 12:56	23.45	80.1	5.69	1.3	SR12	12/1/2018 18:56	23.45	76.0	5.39	5.5
SR12	12/1/2018 1:01	23.48	77.1	5.47	5.3	SR12	12/1/2018 7:01	23.38	77.3	5.49	3.2	SR12	12/1/2018 13:01	23.45	80.2	5.69	2.7	SR12	12/1/2018 19:01	23.45	75.5	5.36	5.3
SR12	12/1/2018 1:06	23.48	76.6	5.43	3.2	SR12	12/1/2018 7:06	23.37	78.9	5.61	1.1	SR12	12/1/2018 13:06	23.45	79.8	5.66	2.1	SR12	12/1/2018 19:06	23.44	75.9	5.39	1.9
SR12	12/1/2018 1:11	23.49	76.7	5.44	2.1	SR12	12/1/2018 7:11	23.38	78.0	5.55	3.2	SR12	12/1/2018 13:11	23.45	80.0	5.68	2.4	SR12	12/1/2018 19:11	23.44	76.2	5.41	1.2
SR12	12/1/2018 1:16	23.49	75.9	5.38	3.6	SR12	12/1/2018 7:16	23.38	77.9	5.54	3.5	SR12	12/1/2018 13:16	23.45	79.9	5.67	3.7	SR12	12/1/2018 19:16	23.44	76.4	5.42	1.5
SR12	12/1/2018 1:21	23.49	75.6	5.36	2.7	SR12	12/1/2018 7:21	23.37	77.9	5.54	1.2	SR12	12/1/2018 13:21	23.45	79.4	5.64	2.1	SR12	12/1/2018 19:21	23.44	76.6	5.43	1.2
SR12	12/1/2018 1:26	23.49	76.7	5.44	5.1	SR12	12/1/2018 7:26	23.36	78.5	5.58	1.9	SR12	12/1/2018 13:26	23.45	79.2	5.62	4.7	SR12	12/1/2018 19:26	23.44	76.4	5.42	3.4
SR12	12/1/2018 1:31	23.49	76.2	5.40	4.1	SR12	12/1/2018 7:31	23.37	78.1	5.55	2.2	SR12	12/1/2018 13:31	23.49	79.2	5.62	1.2	SR12	12/1/2018 19:31	23.44	76.2	5.41	1.2
SR12	12/1/2018 1:36	23.48	76.4	5.41	4.9	SR12	12/1/2018 7:36	23.36	78.3	5.57	4.4	SR12	12/1/2018 13:36	23.45	78.8	5.59	1.2	SR12	12/1/2018 19:36	23.44	76.4	5.42	3.4
SR12	12/1/2018 1:41	23.47	76.6	5.43	3.6	SR12	12/1/2018 7:41	23.33	79.8	5.68	4.4	SR12	12/1/2018 13:41	23.44	78.6	5.58	1.3	SR12	12/1/2018 19:41	23.44	76.4	5.42	1.2
SR12	12/1/2018 1:46	23.47	76.0	5.39	2.2	SR12	12/1/2018 7:46	23.33	79.1	5.63	1.3	SR12	12/1/2018 13:46	23.44	78.2	5.55	5.3	SR12	12/1/2018 19:46	23.44	76.1	5.40	1.6
SR12	12/1/2018 1:51	23.47	76.5	5.43	3.0	SR12	12/1/2018 7:51	23.33	78.9	5.62	1.2	SR12	12/1/2018 13:51	23.43	78.5	5.58	3.1	SR12	12/1/2018 19:51	23.38	77.5	5.51	3.1
SR12	12/1/2018 1:56	23.46	75.5	5.36	2.2	SR12	12/1/2018 7:56	23.33	79.1	5.63	1.3	SR12	12/1/2018 13:56	23.44	78.2	5.55	2.8	SR12	12/1/2018 19:56	23.46	77.8	5.53	1.4
SR12	12/1/2018 2:01	23.44	75.8	5.39	1.3	SR12	12/1/2018 8:01	23.32	79.9	5.69	7.6	SR12	12/1/2018 14:01	23.44	78.2	5.55	4.8	SR12	12/1/2018 20:01	23.48	77.8	5.52	4.2
SR12	12/1/2018 2:06	23.44	76.3	5.42	3.1	SR12	12/1/2018 8:06	23.29	81.0	5.77	1.5	SR12	12/1/2018 14:06	23.44	77.9	5.53	4.9	SR12	12/1/2018 20:06	23.46	76.9	5.46	4.8
SR12	12/1/2018 2:11	23.45	76.4	5.42	1.5	SR12	12/1/2018 8:11	23.30	80.5	5.73	1.4	SR12	12/1/2018 14:11	23.43	78.2	5.55	4.7	SR12	12/1/2018 20:11	23.45	76.5	5.43	4.5
SR12	12/1/2018 2:16	23.45	76.1	5.40	3.5	SR12	12/1/2018 8:16	23.29	80.8	5.76	1.3	SR12	12/1/2018 14:16	23.42	78.2	5.55	2.8	SR12	12/1/2018 20:16	23.45	76.9	5.46	4.8
SR12	12/1/2018 2:21	23.44	75.9	5.39	2.2	SR12	12/1/2018 8:21	23.33	81.0	5.77	3.0	SR12	12/1/2018 14:21	23.43	78.3	5.56	3.3	SR12	12/1/2018 20:21	23.45	77.3	5.49	1.6
SR12	12/1/2018 2:26	23.44	76.0	5.39	3.3	SR12	12/1/2018 8:26	23.31	81.1	5.77	1.5	SR12	12/1/2018 14:26	23.43	77.6	5.51	2.4	SR12	12/1/2018 20:26	23.45	76.6	5.44	5.2
SR12	12/1/2018 2:31	23.45	75.3	5.35	3.6	SR12	12/1/2018 8:31	23.30	80.7	5.75	1.2	SR12	12/1/2018 14:31	23.44	78.5	5.57	2.5	SR12	12/1/2018 20:31	23.45	77.1	5.47	2.4
SR12	12/1/2018 2:36	23.45	74.1	5.26	2.2	SR12	12/1/2018 8:36	23.30	80.3	5.72	5.4	SR12	12/1/2018 14:36	23.42	78.3	5.56	3.4	SR12	12/1/2018 20:36	23.48	76.9	5.46	2.6
SR12	12/1/2018 2:41	23.44	74.2	5.27	2.4	SR12	12/1/2018 8:41	23.28	81.5	5.80	1.3	SR12	12/1/2018 14:41	23.42	77.7	5.52	1.9	SR12	12/1/2018 20:41	23.46	76.8	5.45	4.7
SR12	12/1/2018 2:46	23.46	74.4	5.28	4.8	SR12	12/1/2018 8:46	23.28	81.0	5.77	3.6	SR12	12/1/2018 14:46	23.48	78.9	5.59	4.4	SR12	12/1/2018 20:46	23.45	76.6	5.44	3.9
SR12	12/1/2018 2:51	23.48	75.4	5.34	3.2	SR12	12/1/2018 8:51	23.28	81.7	5.82	3.6	SR12	12/1/2018 14:51	23.47	78.9	5.60	1.8	SR12	12/1/2018 20:51	23.45	77.5	5.50	4.0
SR12	12/1/2018 2:56	23.37	76.8	5.46	5.3	SR12	12/1/2018 8:56	23.29	81.3	5.79	1.2	SR12	12/1/2018 14:56	23.46	78.4	5.56	1.6	SR12	12/1/2018 20:56	23.44	77.6	5.51	1.6
SR12	12/1/2018 3:01	23.42	74.9	5.32	1.8	SR12	12/1/2018 9:01	23.27	82.1	5.85	2.9	SR12	12/1/2018 15:01	23.49	77.8	5.52	1.4	SR12	12/1/2018 21:01	23.48	78.3	5.56	5.4
SR12	12/1/2018 3:06	23.44	74.9	5.32	1.7	SR12	12/1/2018 9:06	23.27	82.6	5.88	2.1	SR12	12/1/2018 15:06	23.46	78.2	5.55	1.5	SR12	12/1/2018 21:06	23.45	77.9	5.53	2.2
SR12	12/1/2018 3:11	23.44	73.9	5.25	5.5	SR12	12/1/2018 9:11	23.28	82.4	5.87	2.0	SR12	12/1/2018 15:11	23.45	77.6	5.51	3.2	SR12	12/1/2018 21:11	23.45	78.3	5.56	2.7
SR12	12/1/2018 3:16	23.43	74.3	5.28	4.8	SR12	12/1/2018 9:16	23.28	82.1	5.85	2.5	SR12	12/1/2018 15:16	23.45	77.5	5.50	3.1	SR12	12/1/2018 21:16	23.44	78.5	5.57	3.0
SR12	12/1/2018 3:21	23.45	74.6	5.30	4.1	SR12	12/1/2018 9:21	23.29	81.6	5.81	2.3	SR12	12/1/2018 15:21	23.45	77.8	5.52	2.2	SR12	12/1/2018 21:21	23.48	77.9	5.52	2.3
SR12	12/1/2018 3:26	23.42	75.7	5.38	4.7	SR12	12/1/2018 9:26	23.28	82.3	5.86	1.3	SR12	12/1/2018 15:26	23.48	77.4	5.49	4.4	SR12	12/1/2018 21:26	23.46	78.1	5.54	1.5
SR12	12/1/2018 3:31	23.46	74.6	5.29	1.4	SR12	12/1/2018 9:31	23.28	82.0	5.84	1.3	SR12	12/1/2018 15:31	23.47	77.5	5.50	3.0	SR12	12/1/2018 21:31	23.45	76.9	5.46	5.3
SR12	12/1/2018 3:36	23.48	74.3	5.27	2.1	SR12	12/1/2018 9:36	23.28	82.1	5.85	1.5	SR12	12/1/2018 15:36	23.46	77.3	5.48	3.3	SR12	12/1/2018 21:36	23.44	78.2	5.55	3.5
SR12	12/1/2018 3:41	23.45	74.3	5.27	1.9	SR12	12/1/2018 9:41	23.28	81.9	5.83	4.2	SR12	12/1/2018 15:41	23.45	76.9	5.46	3.1	SR12	12/1/2018 21:41	23.44	78.8	5.60	4.3
SR12	12/1/2018 3:46	23.46	76.4	5.42	1.5	SR12	12/1/2018 9:46	23.28	82.7	5.89	4.9	SR12	12/1/2018 15:46	23.44	77.5	5.50	1.4	SR12	12/1/2018 21:46	23.44	78.5	5.58	4.8
SR12	12/1/2018 3:51	23.46	76.8	5.45	3.4	SR12	12/1/2018 9:51	23.29	82.3	5.86	2.0	SR12	12/1/2018 15:51	23.44	77.6	5.51	3.5	SR12	12/1/2018 21:51	23.44	78.0	5.54	3.7
SR12	12/1/2018 3:56	23.46	75.8	5.37	1.1	SR12	12/1/2018 9:56	23.29	82.1	5.85	1.2	SR12	12/1/2018 15:56	23.44	77.8	5.52	1.1	SR12	12/1/2018 21:56	23.44	78.7	5.59	5.3
SR12	12/1/2018 4:01	23.45	75.7	5.37	4.7	SR12	12/1/2018 10:01	23.30	82.1	5.84	2.7	SR12	12/1/2018 16:01	23.44	77.5	5.50	2.8	SR12	12/1/2018 22:01	23.43	78.8	5.60	3.2
SR12	12/1/2018 4:06	23.42	76.3	5.42	5.5	SR12	12/1/2018 10:06	23.30	82.0	5.84	1.3	SR12	12/1/2018 16:06	23.45	77.2	5.48	3.3	SR12	12/1/2018 22:06	23.42	79.5	5.64	1.6
SR12	12/1/2018 4:11	23.43	76.0	5.39	5.2	SR12	12/1/2018 10:11	23.31	81.7	5.81	4.3	SR12	12/1/2018 16:11	23.47	77.9	5.53	4.2	SR12	12/1/2018 22:11	23.42	79.0	5.61	5.4
SR12	12/1/2018 4:16	23.43	76.5	5.43	4.6	SR12	12/1/2018 10:16	23.31	82.6	5.87	3.2	SR12	12/1/2018 16:16	23.46	76.5	5.43	4.4	SR12	12/1/2018 22:16	23.42	79.1	5.62	1.9
SR12	12/1/2018 4:21	23.44	75.8	5.38	1.8	SR12	12/1/2018 10:21	23.31	82.7	5.88	1.1	SR12	12/1/2018 16:21	23.46	76.3	5.41	3.4	SR12	12/1/2018 22:21	23.42	80.1	5.69	3.1
SR12	12/1/2018 4:26	23.43	76.9	5.46	5.3	SR12	12/1/2018 10:26	23.31	82.8	5.89	1.4	SR12	12/1/2018 16:26	23.46	77.8	5.52	1.9	SR12	12/1/2018 22:26	23.43	79.3	5.63	2.5
SR12	12/1/2018 4:31	23.46	77.8	5.52	2.8	SR12	12/1/2018 10:31	23.32	82.3	5.85	2.9	SR12	12/1/2018 16:31	23.49	77.8	5.52	4.5	SR12	12/1/2018 22:31	23.47	79.1	5.62	5.4
SR12	12/1/2018 4:36	23.44	76.8	5.45	1.8	SR12	12/1/2018 10:36	23.32	82.9	5.90	2.4	SR12	12/1/2018 16:36	23.46	77.1	5.47	5.2	SR12	12/1/2018 22:36	23.44	79.8	5.66	1.1
SR12	12/1/2018 4:41	23.40	75.4	5.35	1.2	SR12	12/1/2018 10:41	23.32	83.2	5.92	5.2	SR12	12/1/2018 16:41	23.45	77.4	5.49	4.2	SR12	12/1/2018 22:41	23.44	79.4	5.64	5.0
SR12	12/1/2018 4:46	23.40	75.3	5.35	2.7	SR12	12/1/2018 10:46	23.33	83.5	5.94	5.1	SR12	12/1/2018 16:46	23.48	76.0	5.39	2.4	SR12	12/1/2018 22:46	23.44	79.7	5.66	4.9
SR12	12/1/2018 4:51	23.41	77.2	5.48	4.4	SR12	12/1/2018 10:51	23.36	83.5	5.94	1.5	SR12	12/1/2018 16:51	23.46	77.9	5.52	5.2	SR12	12/1/2018 22:51	23.44	79.4	5.64	4.4
SR12	12/1/2018 4:56	23.34	77.0	5.48	1.4	SR12	12/1/2018 10:56	23.35	83.6	5.94	3.1	SR12	12/1/2018 16:56	23.45	77.5	5.50	2.6	SR12	12/1/2018 22:56	23.44	79.3	5.63	1.7
SR12	12/1/2018 5:01	23.35	77.5	5.51	3.0	SR12	12/1/2018 11:01	23.33	83.3	5.93	5.3	SR12	12/1/2018 17:01	23.45	78.0	5.54	7.2	SR12	12/1/2018 23:01	23.44	79.6	5.65	5.3
SR12	12/1/2018 5:06	23.40	77.2	5.48	1.3	SR12	12/1/2018 11:06	23.34	83.1	5.90	1.3	SR12	12/1/2018 17:06	23.45	77.5	5.50	2.3	SR12	12/1/2018 23:06	23.43	79.2	5.63	1.1
SR12	12/1/2018 5:11	23.40	76.8	5.46	1.3	SR12	12/1/2018 11:11	23.34	83.4	5.92	1.7	SR12	12/1/2018 17:11	23.48	76.6	5.43	2.4	SR12	12/1/2018 23:11	23.46	79.4	5.64	1.5
SR12	12/1/2018 5:16	23.39	76.3	5.42	2.7	SR12	12/1/2018 11:16	23.35	83.3	5.92	3.4	SR12	12/1/2018 17:16	23.50	76.4	5.42	1.2	SR12	12/1/2018 23:16	23.44	78.9	5.60	4.0
SR12	12/1/2018 5:21	23.38	76.7	5.46	5.4	SR12	12/1/2018 11:21	23.41	83.5	5.93	4.5	SR12	12/1/2018 17:21	23.46	76.2	5.41	2.4	SR12	12/1/2018 23:21	23.43	78.8	5.60	1.5
SR12	12/1/2018 5:26	23.37	75.6	5.38	4.0	SR12	12/1/2018 11:26	23.38	82.6	5.87	1.4	SR12	12/1/2018 17:26	23.43	77.7	5.51	2.6	SR12	12/1/2018 23:26	23.42	79.7	5.66	2.0
SR12	12/1/2018 5:31	23.35	75.0	5.34	1.6	SR12	12/1/2018 11:31	23.37	82.7	5.88	1.7	SR12	12/1/2018 17:31	23.44	76.8	5.45	4.0	SR12	12/1/2018 23:31	23.43	79.5	5.65	3.7
SR12	12/1/2018 5:36	23.36	75.9	5.40	4.6	SR12	12/1/2018 11:36	23.38	83.2	5.91	4.8	SR12	12/1/2018 17:36	23.48	75.7	5.37	3.3	SR12	12/1/2018 23:36	23.42	79.7	5.66	2.7
SR12	12/1/2018 5:41	23.36	75.0	5.34	3.8	SR12	12/1/2018 11:41	23.38	83.4	5.92	4.0	SR12	12/1/2018 17:41	23.49	75.6	5.36	4.6	SR12	12/1/2018 23:41	23.43	79.8	5.67	5.0
SR12	12/1/2018 5:46	23.37	74.2	5.28	4.7	SR12	12/1/2018 11:46	23.42	83.2	5.91	5.0	SR12	12/1/2018 17:46	23.48	75.2	5.34	3.5	SR12	12/1/2018 23:46	23.43	79.0	5.61	1.7
SR12	12/1/2018 5:51	23.38	74.6	5.31	4.9	SR12	12/1/2018 11:51	23.41	83.0	5.89	2.7	SR12	12/1/2018 17:51	23.46	75.1	5.32	4.4	SR12	12/1/2018 23:51	23.42	79.5	5.65	3.3
SR12	12/1/2018 5:56	23.39	76.7	5.46	2.1	SR12	12/1/2018 11:56	23.42	82.8	5.88	4.0	SR12	12/1/2018 17:56	23.49	75.0	5.31	4.8	SR12	12/1/2018 23:56	23.42	78.8	5.60	3.0

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/1/2018 0:00	22.31	80.7	5.57	11.7	SR13	12/1/2018 6:00	22.86	87.1	6.17	4.7	SR13	12/1/2018 12:00	22.35	81.3	5.59	11.7	SR13	12/1/2018 18:00	22.38	80.1	5.50	8.8
SR13	12/1/2018 0:05	22.32	80.9	5.58	12.1	SR13	12/1/2018 6:05	22.85	87.6	6.20	5.4	SR13	12/1/2018 12:05	22.36	80.6	5.54	9.8	SR13	12/1/2018 18:05	22.38	80.6	5.54	8.4
SR13	12/1/2018 0:10	22.32	80.8	5.58	10.7	SR13	12/1/2018 6:10	22.79	87.0	6.16	4.8	SR13	12/1/2018 12:10	22.35	81.0	5.58	12.0	SR13	12/1/2018 18:10	22.38	80.1	5.55	8.6
SR13	12/1/2018 0:15	22.32	80.5	5.56	10.2	SR13	12/1/2018 6:15	22.80	87.2	6.17	4.0	SR13	12/1/2018 12:15	22.38	81.2	5.59	11.5	SR13	12/1/2018 18:15	22.38	80.1	5.55	8.3
SR13	12/1/2018 0:20	22.32	81.1	5.60	11.7	SR13	12/1/2018 6:20	22.79	85.7	6.07	5.4	SR13	12/1/2018 12:20	22.36	81.0	5.59	9.7	SR13	12/1/2018 18:20	22.39	79.9	5.53	8.0
SR13	12/1/2018 0:25	22.32	81.0	5.59	11.0	SR13	12/1/2018 6:25	22.83	86.1	6.10	4.7	SR13	12/1/2018 12:25	22.36	81.3	5.59	10.6	SR13	12/1/2018 18:25	22.39	79.7	5.52	9.1
SR13	12/1/2018 0:30	22.32	80.3	5.53	10.5	SR13	12/1/2018 6:30	22.80	87.4	6.19	5.5	SR13	12/1/2018 12:30	22.37	81.5	5.60	11.3	SR13	12/1/2018 18:30	22.39	80.0	5.54	10.4
SR13	12/1/2018 0:35	22.32	80.6	5.56	10.1	SR13	12/1/2018 6:35	22.81	86.4	6.12	4.8	SR13	12/1/2018 12:35	22.37	81.1	5.58	11.6	SR13	12/1/2018 18:35	22.39	79.8	5.53	8.6
SR13	12/1/2018 0:40	22.32	80.9	5.58	10.7	SR13	12/1/2018 6:40	22.82	87.1	6.17	3.8	SR13	12/1/2018 12:40	22.40	82.0	5.64	9.9	SR13	12/1/2018 18:40	22.39	79.9	5.53	9.2
SR13	12/1/2018 0:45	22.32	81.0	5.56	9.8	SR13	12/1/2018 6:45	22.83	86.4	6.12	5.4	SR13	12/1/2018 12:45	22.40	81.8	5.63	6.6	SR13	12/1/2018 18:45	22.37	79.5	5.51	8.9
SR13	12/1/2018 0:50	22.32	80.8	5.55	11.7	SR13	12/1/2018 6:50	22.81	86.6	6.13	5.7	SR13	12/1/2018 12:50	22.43	82.3	5.66	7.8	SR13	12/1/2018 18:50	22.38	79.6	5.51	8.6
SR13	12/1/2018 0:55	22.31	81.9	5.63	10.7	SR13	12/1/2018 6:55	22.83	86.0	6.09	4.7	SR13	12/1/2018 12:55	22.45	82.2	5.65	8.7	SR13	12/1/2018 18:55	22.38	80.0	5.54	11.1
SR13	12/1/2018 1:00	22.29	81.2	5.58	10.7	SR13	12/1/2018 7:00	22.82	87.1	6.16	5.7	SR13	12/1/2018 13:00	22.44	82.2	5.65	9.4	SR13	12/1/2018 19:00	22.38	80.0	5.54	11.5
SR13	12/1/2018 1:05	22.30	81.5	5.60	11.2	SR13	12/1/2018 7:05	22.82	87.0	6.16	5.6	SR13	12/1/2018 13:05	22.43	82.4	5.66	7.7	SR13	12/1/2018 19:05	22.38	79.6	5.51	11.7
SR13	12/1/2018 1:10	22.29	82.5	5.67	10.5	SR13	12/1/2018 7:10	22.86	86.2	6.11	5.5	SR13	12/1/2018 13:10	22.39	80.5	5.53	7.6	SR13	12/1/2018 19:10	22.39	79.5	5.50	8.7
SR13	12/1/2018 1:15	22.28	81.6	5.60	10.8	SR13	12/1/2018 7:15	22.86	86.1	6.10	5.0	SR13	12/1/2018 13:15	22.40	81.4	5.60	6.0	SR13	12/1/2018 19:15	22.38	79.4	5.50	9.0
SR13	12/1/2018 1:20	22.28	81.8	5.62	10.3	SR13	12/1/2018 7:20	22.86	86.4	6.11	4.3	SR13	12/1/2018 13:20	22.38	81.4	5.60	7.6	SR13	12/1/2018 19:20	22.38	79.5	5.50	9.9
SR13	12/1/2018 1:25	22.27	82.5	5.67	10.2	SR13	12/1/2018 7:25	22.85	86.3	6.11	4.9	SR13	12/1/2018 13:25	22.38	80.9	5.56	7.6	SR13	12/1/2018 19:25	22.38	79.3	5.49	9.9
SR13	12/1/2018 1:30	22.28	82.1	5.64	10.5	SR13	12/1/2018 7:30	22.84	87.6	6.20	4.3	SR13	12/1/2018 13:30	22.39	80.4	5.53	6.7	SR13	12/1/2018 19:30	22.38	79.1	5.48	8.4
SR13	12/1/2018 1:35	22.28	82.1	5.64	11.2	SR13	12/1/2018 7:35	22.84	87.3	6.18	5.4	SR13	12/1/2018 13:35	22.39	80.8	5.55	7.3	SR13	12/1/2018 19:35	22.38	79.2	5.48	7.8
SR13	12/1/2018 1:40	22.28	81.6	5.61	10.3	SR13	12/1/2018 7:40	22.84	87.5	6.19	4.3	SR13	12/1/2018 13:40	22.38	80.6	5.54	7.6	SR13	12/1/2018 19:40	22.38	79.3	5.49	7.9
SR13	12/1/2018 1:45	22.28	81.9	5.63	10.8	SR13	12/1/2018 7:45	22.85	87.4	6.19	5.0	SR13	12/1/2018 13:45	22.39	80.1	5.50	6.0	SR13	12/1/2018 19:45	22.38	79.6	5.52	8.1
SR13	12/1/2018 1:50	22.28	81.8	5.62	10.6	SR13	12/1/2018 7:50	22.84	88.3	6.25	3.6	SR13	12/1/2018 13:50	22.39	80.7	5.55	5.8	SR13	12/1/2018 19:50	22.38	79.8	5.52	8.4
SR13	12/1/2018 1:55	22.29	81.5	5.59	10.9	SR13	12/1/2018 7:55	22.83	87.6	6.21	4.5	SR13	12/1/2018 13:55	22.39	80.2	5.51	6.9	SR13	12/1/2018 19:55	22.38	79.6	5.51	8.8
SR13	12/1/2018 2:00	22.28	81.2	5.58	10.7	SR13	12/1/2018 8:00	22.85	87.9	6.23	5.5	SR13	12/1/2018 14:00	22.39	80.5	5.53	6.0	SR13	12/1/2018 20:00	22.38	79.7	5.52	7.1
SR13	12/1/2018 2:05	22.29	81.2	5.58	10.4	SR13	12/1/2018 8:05	22.85	86.2	6.11	4.8	SR13	12/1/2018 14:05	22.39	80.5	5.53	6.2	SR13	12/1/2018 20:05	22.38	79.2	5.49	6.1
SR13	12/1/2018 2:10	22.29	81.4	5.59	10.7	SR13	12/1/2018 8:10	22.85	87.3	6.18	4.1	SR13	12/1/2018 14:10	22.39	80.6	5.54	6.5	SR13	12/1/2018 20:10	22.38	79.4	5.50	7.9
SR13	12/1/2018 2:15	22.29	81.8	5.62	11.0	SR13	12/1/2018 8:15	22.83	87.3	6.18	4.8	SR13	12/1/2018 14:15	22.40	81.0	5.57	6.8	SR13	12/1/2018 20:15	22.38	79.2	5.49	6.5
SR13	12/1/2018 2:20	22.28	81.4	5.59	11.3	SR13	12/1/2018 8:20	22.83	87.0	6.16	5.5	SR13	12/1/2018 14:20	22.40	80.4	5.53	7.0	SR13	12/1/2018 20:20	22.38	78.4	5.42	5.1
SR13	12/1/2018 2:25	22.29	81.9	5.63	11.3	SR13	12/1/2018 8:25	22.84	87.8	6.22	5.4	SR13	12/1/2018 14:25	22.42	81.0	5.57	8.0	SR13	12/1/2018 20:25	22.38	78.4	5.43	8.1
SR13	12/1/2018 2:30	22.29	81.6	5.61	11.5	SR13	12/1/2018 8:30	22.82	87.9	6.22	4.3	SR13	12/1/2018 14:30	22.42	80.2	5.51	9.2	SR13	12/1/2018 20:30	22.38	78.1	5.41	5.1
SR13	12/1/2018 2:35	22.29	81.8	5.61	11.1	SR13	12/1/2018 8:35	22.83	87.8	6.22	3.6	SR13	12/1/2018 14:35	22.43	81.5	5.61	9.2	SR13	12/1/2018 20:35	22.38	78.6	5.44	6.5
SR13	12/1/2018 2:40	22.29	81.6	5.60	11.2	SR13	12/1/2018 8:40	22.83	87.3	6.18	3.6	SR13	12/1/2018 14:40	22.42	80.7	5.54	8.2	SR13	12/1/2018 20:40	22.38	79.0	5.47	6.0
SR13	12/1/2018 2:45	22.29	81.4	5.60	11.2	SR13	12/1/2018 8:45	22.82	88.8	6.29	6.2	SR13	12/1/2018 14:45	22.43	81.1	5.58	8.3	SR13	12/1/2018 20:45	22.38	79.1	5.48	5.8
SR13	12/1/2018 2:50	22.29	81.2	5.58	12.0	SR13	12/1/2018 8:50	22.81	87.5	6.20	3.9	SR13	12/1/2018 14:50	22.43	81.3	5.59	8.5	SR13	12/1/2018 20:50	22.38	78.9	5.47	6.7
SR13	12/1/2018 2:55	22.29	81.6	5.61	12.0	SR13	12/1/2018 8:55	22.82	88.3	6.26	3.6	SR13	12/1/2018 14:55	22.41	81.4	5.60	7.6	SR13	12/1/2018 20:55	22.38	79.0	5.47	6.6
SR13	12/1/2018 3:00	22.29	81.6	5.60	11.7	SR13	12/1/2018 9:00	22.80	89.1	6.31	4.0	SR13	12/1/2018 15:00	22.42	80.9	5.56	8.0	SR13	12/1/2018 21:00	22.38	78.7	5.45	5.6
SR13	12/1/2018 3:05	22.29	81.2	5.58	11.2	SR13	12/1/2018 9:05	22.80	88.5	6.27	4.3	SR13	12/1/2018 15:05	22.43	81.2	5.58	7.5	SR13	12/1/2018 21:05	22.38	79.2	5.49	6.0
SR13	12/1/2018 3:10	22.29	80.8	5.55	11.5	SR13	12/1/2018 9:10	22.81	88.4	6.26	3.9	SR13	12/1/2018 15:10	22.42	81.2	5.58	10.2	SR13	12/1/2018 21:10	22.38	79.4	5.51	5.7
SR13	12/1/2018 3:15	22.29	81.7	5.62	11.6	SR13	12/1/2018 9:15	22.80	88.1	6.24	3.7	SR13	12/1/2018 15:15	22.43	81.3	5.59	7.4	SR13	12/1/2018 21:15	22.38	79.6	5.52	5.5
SR13	12/1/2018 3:20	22.30	81.3	5.59	10.6	SR13	12/1/2018 9:20	22.81	89.2	6.31	4.7	SR13	12/1/2018 15:20	22.43	81.7	5.61	10.8	SR13	12/1/2018 21:20	22.38	79.2	5.49	7.2
SR13	12/1/2018 3:25	22.30	80.9	5.55	11.2	SR13	12/1/2018 9:25	22.80	88.0	6.23	4.0	SR13	12/1/2018 15:25	22.43	81.1	5.57	7.3	SR13	12/1/2018 21:25	22.38	79.1	5.48	5.3
SR13	12/1/2018 3:30	22.30	81.2	5.58	11.5	SR13	12/1/2018 9:30	22.80	89.1	6.31	5.2	SR13	12/1/2018 15:30	22.43	80.8	5.55	9.1	SR13	12/1/2018 21:30	22.38	79.6	5.51	7.8
SR13	12/1/2018 3:35	22.30	81.1	5.57	11.8	SR13	12/1/2018 9:35	22.79	89.0	6.30	5.3	SR13	12/1/2018 15:35	22.43	80.7	5.54	9.2	SR13	12/1/2018 21:35	22.38	80.2	5.55	6.9
SR13	12/1/2018 3:40	22.32	80.9	5.56	10.5	SR13	12/1/2018 9:40	22.79	88.3	6.26	4.3	SR13	12/1/2018 15:40	22.42	81.2	5.58	7.1	SR13	12/1/2018 21:40	22.38	78.9	5.47	5.7
SR13	12/1/2018 3:45	22.31	80.5	5.53	11.0	SR13	12/1/2018 9:45	22.78	88.8	6.30	5.0	SR13	12/1/2018 15:45	22.43	80.6	5.54	7.3	SR13	12/1/2018 21:45	22.38	79.6	5.51	7.3
SR13	12/1/2018 3:50	22.30	80.9	5.56	11.5	SR13	12/1/2018 9:50	22.78	88.5	6.27	4.1	SR13	12/1/2018 15:50	22.42	81.5	5.60	7.4	SR13	12/1/2018 21:50	22.38	78.2	5.41	4.5
SR13	12/1/2018 3:55	22.29	80.4	5.52	11.6	SR13	12/1/2018 9:55	22.79	88.7	6.28	3.8	SR13	12/1/2018 15:55	22.43	80.8	5.55	7.3	SR13	12/1/2018 21:55	22.39	79.1	5.47	11.2
SR13	12/1/2018 4:00	22.28	80.7	5.55	10.3	SR13	12/1/2018 10:00	22.80	88.9	6.30	4.5	SR13	12/1/2018 16:00	22.43	80.1	5.50	6.8	SR13	12/1/2018 22:00	22.40	79.5	5.50	10.2
SR13	12/1/2018 4:05	22.28	80.1	5.51	10.4	SR13	12/1/2018 10:05	22.80	88.8	6.29	4.5	SR13	12/1/2018 16:05	22.42	80.8	5.55	6.5	SR13	12/1/2018 22:05	22.40	79.2	5.48	9.4
SR13	12/1/2018 4:10	22.30	80.4	5.53	10.5	SR13	12/1/2018 10:10	22.78	89.0	6.30	4.2	SR13	12/1/2018 16:10	22.42	80.6	5.54	7.3	SR13	12/1/2018 22:10	22.39	79.4	5.50	9.7
SR13	12/1/2018 4:15	22.30	80.3	5.51	11.2	SR13	12/1/2018 10:15	22.32	80.8	5.56	6.4	SR13	12/1/2018 16:15	22.42	80.4	5.52	8.1	SR13	12/1/2018 22:15	22.39	79.8	5.53	8.0
SR13	12/1/2018 4:20	22.28	80.7	5.54	10.1	SR13	12/1/2018 10:20	22.31	81.7	5.62	10.0	SR13	12/1/2018 16:20	22.41	80.2	5.51	8.3	SR13	12/1/2018 22:20	22.39	79.6	5.51	9.0
SR13	12/1/2018 4:25	22.28	80.7	5.54	10.1	SR13	12/1/2018 10:25	22.32	81.9	5.66	11.7	SR13	12/1/2018 16:25	22.41	80.7	5.54	8.5	SR13	12/1/2018 22:25	22.39	79.8	5.53	8.3
SR13	12/1/2018 4:30	22.28	81.0	5.57	10.6	SR13	12/1/2018 10:30	22.31	81.3	5.62	10.2	SR13	12/1/2018 16:30	22.41	80.2	5.51	6.3	SR13	12/1/2018 22:30	22.38	79.9	5.54	9.5
SR13	12/1/2018 4:35	22.28	80.8	5.55	10.1	SR13	12/1/2018 10:35	22.32	81.3	5.60	11.8	SR13	12/1/2018 16:35	22.41	81.0	5.56	8.4	SR13	12/1/2018 22:35	22.38	80.4	5.57	10.2
SR13	12/1/2018 4:40	22.28	80.2	5.51	10.4	SR13	12/1/2018 10:40	22.32	80.8	5.56	11.5	SR13	12/1/2018 16:40	22.41	81.0	5.56	9.0	SR13	12/1/2018 22:40	22.38	80.5	5.58	9.1
SR13	12/1/2018 4:45	22.29	80.3	5.52	10.9	SR13	12/1/2018 10:45	22.41	80.2	5.52	10.7	SR13	12/1/2018 16:45	22.41	81.1	5.57	8.3	SR13	12/1/2018 22:45	22.39	80.0	5.54	7.3
SR13	12/1/2018 4:50	22.81	85.8	6.07	5.3	SR13	12/1/2018 10:50	22.40	80.4	5.54	10.2	SR13	12/1/2018 16:50	22.41	80.8	5.55	8.3	SR13	12/1/2018 22:50	22.38	80.7	5.60	7.8
SR13	12/1/2018 4:55	22.82	87.5	6.19	6.1	SR13	12/1/2018 10:55	22.38	80.5	5.54	10.2	SR13	12/1/2018 16:55	22.41	80.0	5.50	8.5	SR13	12/1/2018 22:55	22.39	80.2	5.56	6.2
SR13	12/1/2018 5:00	22.82	86.6	6.13	5.0	SR13	12/1/2018 11:00	22.39	80.2	5.52	10.9	SR13	12/1/2018 17:00	22.41	80.3	5.51	9.2	SR13	12/1/2018 23:00	22.39	80.2	5.56	7.7
SR13	12/1/2018 5:05	22.82	86.9	6.15	3.7	SR13	12/1/2018 11:05	22.41	80.4	5.53	12.0	SR13	12/1/2018 17:05	22.40	80.9	5.56	10.1	SR13	12/1/2018 23:05	22.39	79.9	5.53	7.8
SR13	12/1/2018 5:10	22.80	87.0	6.16	5.2	SR13	12/1/2018 11:10	22.37	80.7	5.56	11.8	SR13	12/1/2018 17:10	22.40	80.9	5.56	11.4	SR13	12/1/2018 23:10	22.38	80.1	5.55	7.5
SR13	12/1/2018 5:15	22.81	88.4	6.25	4.6	SR13	12/1/2018 11:15	22.34	81.4	5.63	9.4	SR13	12/1/2018 17:15	22.39	80.7	5.54	10.3	SR13	12/1/2018 23:15	22.38	79.6	5.52	7.1
SR13	12/1/2018 5:20	22.81	86.6	6.12	5.1	SR13	12/1/2018 11:20	22.40	79.9	5.53	10.5	SR13	12/1/2018 17:20	22.39	80.6	5.53	9.3	SR13	12/1/2018 23:20	22.38	79.8	5.53	8.5
SR13	12/1/2018 5:25	22.81	86.9	6.15	4.0	SR13	12/1/2018 11:25	22.35	80.8	5.58	11.3	SR13	12/1/2018 17:25	22.38	81.0	5.56	10.3	SR13	12/1/2018 23:25	22.39	79.6	5.51	7.6
SR13	12/1/2018 5:30	22.81	85.7	6.07	4.1	SR13	12/1/2018 11:30	22.35	81.7	5.62	10.4	SR13	12/1/2018 17:30	22.38	79.9	5.49	11.4	SR13	12/1/2018 23:30	22.38	80.0	5.54	7.1
SR13	12/1/2018 5:35	22.81	86.8	6.14	5.2	SR13	12/1/2018 11:35	22.36	81.0	5.61	10.5	SR13	12/1/2018 17:35	22.38	81.1	5.58	12.0	SR13	12/1/2018 23:35	22.38	79.5	5.51	8.3
SR13	12/1/2018 5:40	22.77	86.7	6.14	4.1	SR13	12/1/2018 11:40	22.38	80.4	5.53	11.6	SR13	12/1/2018 17:40	22.38	80.5	5.53	10.3	SR13	12/1/2018 23:40	22.38	79.3	5.49	6.8
SR13	12/1/2018 5:45	22.79	87.4	6.19	5.0	SR13	12/1/2018 11:45	22.37	80.9	5.57	11.9	SR13	12/1/2018 17:45	22.38	81.3	5.58	9.9	SR13	12/1/2018 23:45	22.39	79.2	5.49	7.0
SR13	12/1/2018 5:50	22.80	86.0	6.09	4.3	SR13	12/1/2018 11:50	22.36	80.5	5.54	11.1	SR13	12/1/2018 17:50	22.38	81.1	5.57	11.7	SR13	12/1/2018 23:50	22.39	78.7	5.45	5.5
SR13	12/1/2018 5:55	22.81	87.1	6.17	4.1	SR13	12/1/2018 11:55	22.37	80.7	5.55	11.4	SR13	12/1/2018 17:55	22.38	80.4	5.52	7.6	SR13	12/1/2018 23:55	22.39	79.1	5.48	6.7

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	12/1/2018 0:17	0.07				SR12	12/1/2018 0:17	0.10			
SR4	12/1/2018 0:37	0.07				SR12	12/1/2018 0:37	0.09			
SR4	12/1/2018 0:57	0.08				SR12	12/1/2018 0:57	0.05			
SR4	12/1/2018 1:17	0.07				SR12	12/1/2018 1:17	0.06			
SR4	12/1/2018 1:37	0.09				SR12	12/1/2018 1:37	0.08			
SR4	12/1/2018 1:57	0.10				SR12	12/1/2018 1:57	0.06			
SR4	12/1/2018 2:17	0.07				SR12	12/1/2018 2:17	0.08			
SR4	12/1/2018 2:37	0.09				SR12	12/1/2018 2:37	0.09			
SR4	12/1/2018 2:57	0.08				SR12	12/1/2018 2:57	0.10			
SR4	12/1/2018 3:17	0.08				SR12	12/1/2018 3:17	0.07			
SR4	12/1/2018 3:37	0.07				SR12	12/1/2018 3:37	0.06			
SR4	12/1/2018 3:57	0.07				SR12	12/1/2018 3:57	0.06			
SR4	12/1/2018 4:17	0.10				SR12	12/1/2018 4:17	0.07			
SR4	12/1/2018 4:37	0.08				SR12	12/1/2018 4:37	0.06			
SR4	12/1/2018 4:57	0.07				SR12	12/1/2018 4:57	0.10			
SR4	12/1/2018 5:17	0.07				SR12	12/1/2018 5:17	0.04			
SR4	12/1/2018 5:37	0.08				SR12	12/1/2018 5:37	0.06			
SR4	12/1/2018 5:57	0.07				SR12	12/1/2018 5:57	0.03			
SR4						SR12					
SR4	12/1/2018 6:37	0.09				SR12	12/1/2018 6:37	0.03			
SR4	12/1/2018 6:57	0.08				SR12	12/1/2018 6:57	0.04			
SR4	12/1/2018 7:17	0.07				SR12	12/1/2018 7:17	0.06			
SR4	12/1/2018 7:37	0.08				SR12	12/1/2018 7:37	0.07			
SR4	12/1/2018 7:57	0.05				SR12	12/1/2018 7:57	0.15			
SR4	12/1/2018 8:17	0.08				SR12	12/1/2018 8:17	0.19			
SR4	12/1/2018 8:37	0.08				SR12	12/1/2018 8:37	0.15			
SR4	12/1/2018 8:57	0.08				SR12	12/1/2018 8:57	0.09			
SR4	12/1/2018 9:17	0.05				SR12	12/1/2018 9:17	0.07			
SR4	12/1/2018 9:37	0.04				SR12	12/1/2018 9:37	0.09			
SR4	12/1/2018 9:57	0.03				SR12	12/1/2018 9:57	0.07			
SR4	12/1/2018 10:17	0.02				SR12	12/1/2018 10:17	0.03			
SR4	12/1/2018 10:37	0.02				SR12	12/1/2018 10:37	0.01			
SR4	12/1/2018 10:57	0.02				SR12	12/1/2018 10:57	0.01			
SR4	12/1/2018 11:17	0.02				SR12	12/1/2018 11:17	0.05			
SR4	12/1/2018 11:37	0.09				SR12	12/1/2018 11:37	0.08			
SR4	12/1/2018 11:57	0.15				SR12	12/1/2018 11:57	0.07			
SR4	12/1/2018 12:17	0.17				SR12	12/1/2018 12:17	0.08			
SR4	12/1/2018 12:37	0.16				SR12	12/1/2018 12:37	0.10			
SR4	12/1/2018 12:57	0.09				SR12	12/1/2018 12:57	0.09			
SR4	12/1/2018 13:17	0.06				SR12	12/1/2018 13:17	0.05			
SR4	12/1/2018 13:37	0.09				SR12	12/1/2018 13:37	0.04			
SR4	12/1/2018 13:57	0.05				SR12	12/1/2018 13:57	0.02			
SR4	12/1/2018 14:17	0.02				SR12	12/1/2018 14:17	0.01			
SR4	12/1/2018 14:37	0.02				SR12	12/1/2018 14:37	0.02			
SR4	12/1/2018 14:57	0.01				SR12	12/1/2018 14:57	0.01			
SR4	12/1/2018 15:17	0.01				SR12	12/1/2018 15:17	0.01			
SR4	12/1/2018 15:37	0.02				SR12	12/1/2018 15:37	0.02			
SR4	12/1/2018 15:57	0.01				SR12	12/1/2018 15:57	0.04			
SR4	12/1/2018 16:17	0.01				SR12	12/1/2018 16:17	0.01			
SR4	12/1/2018 16:37	0.02				SR12	12/1/2018 16:37	0.03			
SR4	12/1/2018 16:57	0.02				SR12	12/1/2018 16:57	0.01			
SR4	12/1/2018 17:17	0.02				SR12	12/1/2018 17:17	0.04			
SR4	12/1/2018 17:37	0.02				SR12	12/1/2018 17:37	0.04			
SR4	12/1/2018 17:57	0.02				SR12	12/1/2018 17:57	0.01			
SR4	12/1/2018 18:17	0.02				SR12	12/1/2018 18:17	0.01			
SR4	12/1/2018 18:37	0.02				SR12	12/1/2018 18:37	0.02			
SR4	12/1/2018 18:57	0.01				SR12	12/1/2018 18:57	0.02			
SR4	12/1/2018 19:17	0.01				SR12	12/1/2018 19:17	0.01			
SR4	12/1/2018 19:37	0.01				SR12	12/1/2018 19:37	0.02			
SR4	12/1/2018 19:57	0.02				SR12	12/1/2018 19:57	0.04			
SR4	12/1/2018 20:17	0.01				SR12	12/1/2018 20:17	0.03			
SR4	12/1/2018 20:37	0.03				SR12	12/1/2018 20:37	0.01			
SR4	12/1/2018 20:57	0.01				SR12	12/1/2018 20:57	0.01			
SR4	12/1/2018 21:17	0.02				SR12	12/1/2018 21:17	0.01			
SR4	12/1/2018 21:37	0.03				SR12	12/1/2018 21:37	0.03			
SR4	12/1/2018 21:57	0.02				SR12	12/1/2018 21:57	0.01			
SR4	12/1/2018 22:17	0.01				SR12	12/1/2018 22:17	0.01			
SR4	12/1/2018 22:37	0.01				SR12	12/1/2018 22:37	0.03			
SR4	12/1/2018 22:57	0.03				SR12	12/1/2018 22:57	0.02			
SR4	12/1/2018 23:17	0.01				SR12	12/1/2018 23:17	0.02			
SR4	12/1/2018 23:37	0.01				SR12	12/1/2018 23:37	0.03			
SR4	12/1/2018 23:57	0.02				SR12	12/1/2018 23:57	0.03			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.
SR5 monitoring station was under maintenance during 11:00-11:25.

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/2/2018 0:01	22.77	66.6	4.82	4.2	SR4	12/2/2018 6:01	22.61	74.7	5.40	3.2	SR4	12/2/2018 12:01	23.23	79.2	5.66	3.9	SR4	12/2/2018 18:01	22.76	76.2	5.50	1.6
SR4	12/2/2018 0:06	22.75	70.1	5.07	4.3	SR4	12/2/2018 6:06	22.59	72.9	5.28	3.3	SR4	12/2/2018 12:06	23.34	76.3	5.46	1.4	SR4	12/2/2018 18:06	22.76	74.5	5.38	4.1
SR4	12/2/2018 0:11	22.75	68.0	4.92	5.3	SR4	12/2/2018 6:11	22.59	71.2	5.15	2.2	SR4	12/2/2018 12:11	23.41	73.1	5.22	2.7	SR4	12/2/2018 18:11	22.76	74.0	5.34	1.3
SR4	12/2/2018 0:16	22.72	64.5	4.68	3.4	SR4	12/2/2018 6:16	22.61	73.9	5.34	2.9	SR4	12/2/2018 12:16	23.47	72.9	5.20	4.4	SR4	12/2/2018 18:16	22.75	75.5	5.45	3.6
SR4	12/2/2018 0:21	22.71	61.4	4.46	5.0	SR4	12/2/2018 6:21	22.60	74.7	5.41	3.2	SR4	12/2/2018 12:21	23.48	73.7	5.26	1.9	SR4	12/2/2018 18:21	22.75	75.2	5.42	2.0
SR4	12/2/2018 0:26	22.66	74.4	5.39	4.4	SR4	12/2/2018 6:26	22.60	73.6	5.33	2.3	SR4	12/2/2018 12:26	23.50	73.4	5.23	1.8	SR4	12/2/2018 18:26	22.74	76.3	5.51	1.4
SR4	12/2/2018 0:31	22.72	73.0	5.29	5.0	SR4	12/2/2018 6:31	22.60	73.4	5.31	3.9	SR4	12/2/2018 12:31	23.48	72.0	5.13	3.8	SR4	12/2/2018 18:31	22.74	74.7	5.39	1.3
SR4	12/2/2018 0:36	22.66	76.6	5.55	1.7	SR4	12/2/2018 6:36	22.58	73.2	5.30	2.7	SR4	12/2/2018 12:36	23.50	73.8	5.27	2.0	SR4	12/2/2018 18:36	22.73	76.0	5.48	4.5
SR4	12/2/2018 0:41	22.65	77.8	5.63	3.2	SR4	12/2/2018 6:41	22.59	74.7	5.40	2.0	SR4	12/2/2018 12:41	23.68	65.5	4.67	4.5	SR4	12/2/2018 18:41	22.74	74.1	5.35	4.1
SR4	12/2/2018 0:46	22.65	77.9	5.64	4.9	SR4	12/2/2018 6:46	22.59	75.9	5.49	4.9	SR4	12/2/2018 12:46	23.72	62.5	4.46	3.7	SR4	12/2/2018 18:46	22.73	73.6	5.32	2.3
SR4	12/2/2018 0:51	22.65	78.3	5.67	3.0	SR4	12/2/2018 6:51	22.58	75.8	5.48	5.0	SR4	12/2/2018 12:51	23.85	60.5	4.31	2.6	SR4	12/2/2018 18:51	22.73	75.0	5.42	1.8
SR4	12/2/2018 0:56	22.65	78.2	5.66	4.4	SR4	12/2/2018 6:56	22.54	75.0	5.43	4.0	SR4	12/2/2018 12:56	23.88	58.7	4.18	2.4	SR4	12/2/2018 18:56	22.72	76.2	5.50	1.5
SR4	12/2/2018 1:01	22.65	78.5	5.68	4.2	SR4	12/2/2018 7:01	22.57	73.5	5.32	1.5	SR4	12/2/2018 13:01	24.12	52.8	3.57	4.0	SR4	12/2/2018 19:01	22.72	74.6	5.38	4.5
SR4	12/2/2018 1:06	22.65	78.6	5.70	4.8	SR4	12/2/2018 7:06	22.52	71.1	5.16	4.3	SR4	12/2/2018 13:06	24.12	50.0	3.55	3.8	SR4	12/2/2018 19:06	22.72	74.0	5.34	2.0
SR4	12/2/2018 1:11	22.65	78.5	5.69	3.5	SR4	12/2/2018 7:11	22.53	68.3	4.95	3.2	SR4	12/2/2018 13:11	23.95	56.7	4.04	3.5	SR4	12/2/2018 19:11	22.68	76.2	5.50	4.8
SR4	12/2/2018 1:16	22.65	78.6	5.69	4.9	SR4	12/2/2018 7:16	22.48	68.1	4.95	3.1	SR4	12/2/2018 13:16	23.71	55.4	3.96	1.3	SR4	12/2/2018 19:16	22.69	80.4	5.81	2.9
SR4	12/2/2018 1:21	22.64	78.3	5.67	1.3	SR4	12/2/2018 7:21	22.53	71.2	5.16	4.5	SR4	12/2/2018 13:21	24.08	52.6	3.74	3.9	SR4	12/2/2018 19:21	22.70	79.4	5.74	3.1
SR4	12/2/2018 1:26	22.64	78.9	5.72	4.4	SR4	12/2/2018 7:26	22.53	72.1	5.23	3.2	SR4	12/2/2018 13:26	23.46	70.4	5.04	3.0	SR4	12/2/2018 19:26	22.70	79.9	5.77	4.7
SR4	12/2/2018 1:31	22.64	78.4	5.67	1.6	SR4	12/2/2018 7:31	22.54	73.3	5.32	1.4	SR4	12/2/2018 13:31	23.96	63.8	4.54	1.4	SR4	12/2/2018 19:31	22.70	79.6	5.75	5.2
SR4	12/2/2018 1:36	22.56	70.3	5.10	2.0	SR4	12/2/2018 7:36	22.53	74.7	5.41	5.4	SR4	12/2/2018 13:36	24.00	54.1	3.63	4.4	SR4	12/2/2018 19:36	22.70	77.7	5.62	5.2
SR4	12/2/2018 1:41	22.58	72.1	5.23	4.7	SR4	12/2/2018 7:41	22.51	70.1	5.08	5.4	SR4	12/2/2018 13:41	23.94	52.3	3.51	1.2	SR4	12/2/2018 19:41	22.69	80.6	5.83	4.7
SR4	12/2/2018 1:46	22.55	70.1	5.09	2.5	SR4	12/2/2018 7:46	22.46	71.2	5.17	2.8	SR4	12/2/2018 13:46	23.11	73.7	5.29	5.2	SR4	12/2/2018 19:46	22.69	80.5	5.82	4.1
SR4	12/2/2018 1:51	22.60	71.3	5.17	1.2	SR4	12/2/2018 7:51	22.52	72.3	5.25	4.2	SR4	12/2/2018 13:51	23.12	76.9	5.52	3.3	SR4	12/2/2018 19:51	22.69	79.5	5.75	1.3
SR4	12/2/2018 1:56	22.47	68.7	5.00	1.4	SR4	12/2/2018 7:56	22.48	72.4	5.26	4.6	SR4	12/2/2018 13:56	23.12	76.6	5.49	2.3	SR4	12/2/2018 19:56	22.70	77.3	5.59	5.1
SR4	12/2/2018 2:01	22.57	70.9	5.14	4.7	SR4	12/2/2018 8:01	22.53	73.1	5.30	3.2	SR4	12/2/2018 14:01	23.20	70.6	5.06	2.2	SR4	12/2/2018 20:01	22.70	75.7	5.47	4.1
SR4	12/2/2018 2:06	22.62	72.8	5.28	1.9	SR4	12/2/2018 8:06	22.53	73.6	5.34	4.7	SR4	12/2/2018 14:06	23.07	75.8	5.45	2.6	SR4	12/2/2018 20:06	22.71	73.2	5.29	5.3
SR4	12/2/2018 2:11	22.61	72.1	5.23	2.6	SR4	12/2/2018 8:11	22.46	72.4	5.26	1.7	SR4	12/2/2018 14:11	22.96	76.7	5.53	2.1	SR4	12/2/2018 20:11	22.69	77.3	5.59	3.7
SR4	12/2/2018 2:16	22.62	72.9	5.29	4.3	SR4	12/2/2018 8:16	22.46	71.9	5.22	2.9	SR4	12/2/2018 14:16	22.88	79.2	5.70	1.4	SR4	12/2/2018 20:16	22.69	77.9	5.63	4.8
SR4	12/2/2018 2:21	22.63	74.2	5.38	1.8	SR4	12/2/2018 8:21	22.53	73.2	5.31	3.3	SR4	12/2/2018 14:21	22.88	81.2	5.85	2.0	SR4	12/2/2018 20:21	22.69	78.4	5.67	5.0
SR4	12/2/2018 2:26	22.63	73.0	5.29	4.6	SR4	12/2/2018 8:26	22.57	72.7	5.27	4.0	SR4	12/2/2018 14:26	22.87	81.3	5.86	1.1	SR4	12/2/2018 20:26	22.70	76.1	5.50	4.5
SR4	12/2/2018 2:31	22.63	73.1	5.29	2.6	SR4	12/2/2018 8:31	22.49	71.9	5.22	1.2	SR4	12/2/2018 14:31	22.84	81.5	5.87	5.3	SR4	12/2/2018 20:31	22.71	76.0	5.49	5.2
SR4	12/2/2018 2:36	22.64	73.4	5.32	4.4	SR4	12/2/2018 8:36	22.58	74.4	5.39	1.7	SR4	12/2/2018 14:36	22.78	81.7	5.90	3.9	SR4	12/2/2018 20:36	22.69	78.1	5.65	2.6
SR4	12/2/2018 2:41	22.63	76.4	5.53	4.2	SR4	12/2/2018 8:41	22.19	63.2	4.63	3.5	SR4	12/2/2018 14:41	22.76	81.4	5.87	1.9	SR4	12/2/2018 20:41	22.68	79.1	5.72	4.7
SR4	12/2/2018 2:46	22.63	76.9	5.57	2.1	SR4	12/2/2018 8:46	22.47	65.6	4.77	2.2	SR4	12/2/2018 14:46	22.78	81.3	5.87	1.4	SR4	12/2/2018 20:46	22.69	79.8	5.77	5.0
SR4	12/2/2018 2:51	22.63	76.1	5.51	5.2	SR4	12/2/2018 8:51	22.58	73.2	5.30	3.2	SR4	12/2/2018 14:51	22.78	81.4	5.88	1.7	SR4	12/2/2018 20:51	22.69	79.3	5.73	2.6
SR4	12/2/2018 2:56	22.62	77.3	5.60	1.8	SR4	12/2/2018 8:56	22.61	75.7	5.48	1.4	SR4	12/2/2018 14:56	22.78	81.9	5.91	1.6	SR4	12/2/2018 20:56	22.63	78.6	5.69	5.3
SR4	12/2/2018 3:01	22.61	77.5	5.61	3.5	SR4	12/2/2018 9:01	22.52	70.5	5.11	4.7	SR4	12/2/2018 15:01	22.79	81.5	5.89	3.1	SR4	12/2/2018 21:01	22.63	79.7	5.77	4.1
SR4	12/2/2018 3:06	22.59	77.3	5.59	2.1	SR4	12/2/2018 9:06	22.62	73.7	5.33	4.8	SR4	12/2/2018 15:06	22.80	81.7	5.90	2.3	SR4	12/2/2018 21:06	22.67	75.8	5.48	1.9
SR4	12/2/2018 3:11	22.61	77.1	5.58	3.0	SR4	12/2/2018 9:11	22.67	76.1	5.50	1.5	SR4	12/2/2018 15:11	22.85	80.9	5.84	2.2	SR4	12/2/2018 21:11	22.67	74.3	5.38	4.2
SR4	12/2/2018 3:16	22.62	75.4	5.45	1.9	SR4	12/2/2018 9:16	22.68	77.1	5.57	3.7	SR4	12/2/2018 15:16	22.80	81.7	5.89	2.1	SR4	12/2/2018 21:16	22.62	76.0	5.50	2.0
SR4	12/2/2018 3:21	22.62	75.5	5.46	4.0	SR4	12/2/2018 9:21	22.66	76.4	5.53	1.6	SR4	12/2/2018 15:21	22.81	81.6	5.88	1.3	SR4	12/2/2018 21:21	22.64	78.3	5.66	4.6
SR4	12/2/2018 3:26	22.56	72.9	5.28	2.0	SR4	12/2/2018 9:26	22.62	71.2	5.16	1.7	SR4	12/2/2018 15:26	22.81	80.9	5.83	1.4	SR4	12/2/2018 21:26	22.67	78.6	5.68	1.9
SR4	12/2/2018 3:31	22.59	76.8	5.56	5.3	SR4	12/2/2018 9:31	22.66	68.3	4.94	2.0	SR4	12/2/2018 15:31	22.82	80.7	5.82	3.5	SR4	12/2/2018 21:31	22.67	78.2	5.65	1.5
SR4	12/2/2018 3:36	22.58	77.1	5.58	3.3	SR4	12/2/2018 9:36	22.70	66.9	4.84	3.9	SR4	12/2/2018 15:36	22.83	80.6	5.81	5.4	SR4	12/2/2018 21:36	22.70	74.3	5.37	5.2
SR4	12/2/2018 3:41	22.60	77.4	5.60	1.6	SR4	12/2/2018 9:41	22.74	69.4	5.01	1.4	SR4	12/2/2018 15:41	22.83	81.4	5.87	2.9	SR4	12/2/2018 21:41	22.68	74.2	5.37	3.4
SR4	12/2/2018 3:46	22.60	77.2	5.59	4.3	SR4	12/2/2018 9:46	22.78	71.4	5.15	3.3	SR4	12/2/2018 15:46	22.84	80.8	5.82	2.1	SR4	12/2/2018 21:46	22.70	71.9	5.20	3.8
SR4	12/2/2018 3:51	22.60	77.1	5.58	2.3	SR4	12/2/2018 9:51	22.77	71.7	5.18	1.3	SR4	12/2/2018 15:51	22.84	80.4	5.80	5.4	SR4	12/2/2018 21:51	22.69	73.8	5.33	2.4
SR4	12/2/2018 3:56	22.51	74.0	5.36	4.9	SR4	12/2/2018 9:56	22.75	74.1	5.35	1.7	SR4	12/2/2018 15:56	22.83	81.7	5.89	4.5	SR4	12/2/2018 21:56	22.69	76.3	5.51	2.1
SR4	12/2/2018 4:01	22.58	75.0	5.44	4.7	SR4	12/2/2018 10:01	22.84	72.8	5.25	2.6	SR4	12/2/2018 16:01	22.83	80.3	5.79	1.4	SR4	12/2/2018 22:01	22.75	79.1	5.71	4.0
SR4	12/2/2018 4:06	22.59	76.6	5.55	1.8	SR4	12/2/2018 10:06	22.91	73.4	5.29	3.1	SR4	12/2/2018 16:06	22.84	79.5	5.73	2.6	SR4	12/2/2018 22:06	22.75	80.7	5.83	4.1
SR4	12/2/2018 4:11	22.59	75.3	5.46	1.8	SR4	12/2/2018 10:11	22.95	70.8	5.10	4.4	SR4	12/2/2018 16:11	22.83	79.1	5.69	1.8	SR4	12/2/2018 22:11	22.77	80.5	5.81	1.5
SR4	12/2/2018 4:16	22.60	75.1	5.44	3.5	SR4	12/2/2018 10:16	22.78	74.9	5.41	1.0	SR4	12/2/2018 16:16	22.83	78.3	5.64	3.3	SR4	12/2/2018 22:16	22.75	80.5	5.82	4.6
SR4	12/2/2018 4:21	22.61	75.4	5.46	3.0	SR4	12/2/2018 10:21	22.81	75.6	5.45	4.3	SR4	12/2/2018 16:21	22.87	80.0	5.75	4.1	SR4	12/2/2018 22:21	22.80	80.7	5.83	5.3
SR4	12/2/2018 4:26	22.61	74.9	5.42	3.3	SR4	12/2/2018 10:26	23.04	70.3	5.04	2.5	SR4	12/2/2018 16:26	22.87	80.9	5.83	2.5	SR4	12/2/2018 22:26	22.78	79.2	5.72	3.7
SR4	12/2/2018 4:31	22.61	74.1	5.37	3.6	SR4	12/2/2018 10:31	22.91	74.0	5.33	2.9	SR4	12/2/2018 16:31	22.80	80.3	5.78	2.1	SR4	12/2/2018 22:31	22.73	79.7	5.76	4.8
SR4	12/2/2018 4:36	22.61	73.4	5.32	5.2	SR4	12/2/2018 10:36	22.97	70.8	5.09	4.8	SR4	12/2/2018 16:36	22.81	80.3	5.78	1.2	SR4	12/2/2018 22:36	22.75	80.2	5.79	4.0
SR4	12/2/2018 4:41	22.61	74.8	5.41	3.7	SR4	12/2/2018 10:41	22.80	76.7	5.53	1.4	SR4	12/2/2018 16:41	22.78	79.6	5.73	2.4	SR4	12/2/2018 22:41	22.74	78.9	5.70	5.1
SR4	12/2/2018 4:46	22.61	75.8	5.49	2.3	SR4	12/2/2018 10:46	22.80	77.7	5.60	1.3	SR4	12/2/2018 16:46	22.77	79.2	5.71	2.5	SR4	12/2/2018 22:46	22.72	79.3	5.72	2.8
SR4	12/2/2018 4:51	22.61	74.1	5.36	2.1	SR4	12/2/2018 10:51	22.99	75.1	5.40	2.7	SR4	12/2/2018 16:51	22.78	79.8	5.75	1.9	SR4	12/2/2018 22:51	22.72	79.5	5.75	5.0
SR4	12/2/2018 4:56	22.61	73.6	5.33	5.2	SR4	12/2/2018 10:56	23.00	74.4	5.35	3.2	SR4	12/2/2018 16:56	22.77	79.1	5.70	1.6	SR4	12/2/2018 22:56	22.72	78.5	5.67	1.7
SR4	12/2/2018 5:01	22.62	74.1	5.36	3.1	SR4	12/2/2018 11:01	23.00	76.4	5.49	1.3	SR4	12/2/2018 17:01	22.77	79.1	5.70	2.1	SR4	12/2/2018 23:01	22.72	78.3	5.66	1.5
SR4	12/2/2018 5:06	22.62	76.0	5.50	3.0	SR4	12/2/2018 11:06	22.94	78.2	5.62	1.3	SR4	12/2/2018 17:06	22.77	79.4	5.72	2.2	SR4	12/2/2018 23:06	22.72	78.1	5.65	2.0
SR4	12/2/2018 5:11	22.62	75.4	5.46	2.0	SR4	12/2/2018 11:11	22.93	78.9	5.67	1.1	SR4	12/2/2018 17:11	22.76	79.1	5.71	1.0	SR4	12/2/2018 23:11	22.73	78.0	5.64	4.5
SR4	12/2/2018 5:16	22.62	75.8	5.48	1.5	SR4	12/2/2018 11:16	22.72	80.0	6.53	9.4	SR4	12/2/2018 17:16	22.77	78.2	5.65	1.9	SR4	12/2/2018 23:16	22.74	76.6	5.54	3.3
SR4	12/2/2018 5:21	22.62	75.8	5.49	2.8	SR4	12/2/2018 11:21	22.68	81.8	5.91	5.7	SR4	12/2/2018 17:21	22.77	78.2	5.65	2.3	SR4	12/2/2018 23:21	22.72	78.8	5.69	1.0
SR4	12/2/2018 5:26	22.62	76.1	5.50	1.5	SR4	12/2/2018 11:26	22.72	80.0	5.78	2.7	SR4	12/2/2018 17:26	22.78	77.3	5.57	1.7	SR4	12/2/2018 23:26	22.73	77.5	5.60	4.1
SR4	12/2/2018 5:31	22.62	74.4	5.38	3.4	SR4	12/2/2018 11:31	23.05	80.2	6.67	1.7	SR4	12/2/2018 17:31	22.77	77.6	5.60	1.8	SR4	12/2/2018 23:31	22.74	75.8	5.48	1.4
SR4	12/2/2018 5:36	22.63	74.7	5.40	1.2	SR4	12/2/2018 11:36	22.91	80.6	5.80	1.4	SR4	12/2/2018 17:36	22.77	78.1	5.64	2.1	SR4	12/2/2018 23:36	22.73	77.3	5.59	4.7
SR4	12/2/2018 5:41	22.63	75.8	5.48	5.4	SR4	12/2/2018 11:41	22.81	80.2	5.78	1.3	SR4	12/2/2018 17:41	22.78	76.3	5.51	2.4	SR4	12/2/2018 23:41	22.74	77.6	5.61	3.0
SR4	12/2/2018 5:46	22.62	76.7	5.55	3.0	SR4	12/2/2018 11:46	22.82	80.6	5.80	1.7	SR4	12/2/2018 17:46	22.77	75.1	5.42	1.2	SR4	12/2/2018 23:46	22.73	77.1	5.57	2.9
SR4	12/2/2018 5:51	22.61	76.1	5.50	4.6	SR4	12/2/2018 11:51	23.07	80.4	5.77	3.0	SR4	12/2/2018 17:51	22.77	74.9	5.41	4.9	SR4	12/2/2018 23:51	22.73	76.1	5.50	3.6
SR4	12/2/2018 5:56	22.62	75.8	5.48	4.9	SR4	12/2/2018 11:56	22.97	81.8	5.88	4.7	SR4	12/2/2018 17:56	22.77	76.7	5.54	1.3	SR4	12/2/2018 23:56	22.72	75.9	5.49	4.7

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/2/2018 0:00	22.95	93.9	6.52	5.1	SR5	12/2/2018 6:00	23.14	94.1	6.54	3.9	SR5	12/2/2018 12:00	23.05	98.1	6.81	4.1	SR5	12/2/2018 18:00	22.90	93.8	6.52	3.7
SR5	12/2/2018 0:05	22.96	94.8	6.59	4.0	SR5	12/2/2018 6:05	23.14	95.3	6.62	3.3	SR5	12/2/2018 12:05	23.05	96.0	6.66	2.3	SR5	12/2/2018 18:05	22.94	93.7	6.51	2.6
SR5	12/2/2018 0:10	22.96	93.4	6.49	4.9	SR5	12/2/2018 6:10	23.13	93.2	6.47	2.7	SR5	12/2/2018 12:10	23.04	96.5	6.69	1.9	SR5	12/2/2018 18:10	22.94	95.4	6.62	1.6
SR5	12/2/2018 0:15	22.96	92.5	6.43	2.8	SR5	12/2/2018 6:15	23.13	95.2	6.61	2.7	SR5	12/2/2018 12:15	23.05	94.5	6.55	2.0	SR5	12/2/2018 18:15	22.92	94.2	6.55	2.6
SR5	12/2/2018 0:20	22.97	91.1	6.33	2.4	SR5	12/2/2018 6:20	23.13	95.8	6.65	2.4	SR5	12/2/2018 12:20	23.05	96.9	6.72	2.9	SR5	12/2/2018 18:20	22.93	93.1	6.47	1.6
SR5	12/2/2018 0:25	22.95	95.7	6.65	4.1	SR5	12/2/2018 6:25	23.13	93.2	6.48	3.3	SR5	12/2/2018 12:25	23.12	97.2	6.73	3.7	SR5	12/2/2018 18:25	22.94	96.2	6.68	4.1
SR5	12/2/2018 0:30	22.96	95.9	6.66	3.3	SR5	12/2/2018 6:30	23.13	95.0	6.60	3.9	SR5	12/2/2018 12:30	23.11	94.5	6.55	4.5	SR5	12/2/2018 18:30	22.91	94.1	6.53	2.4
SR5	12/2/2018 0:35	22.97	96.6	6.71	2.1	SR5	12/2/2018 6:35	23.13	95.0	6.60	4.4	SR5	12/2/2018 12:35	23.14	94.9	6.58	2.4	SR5	12/2/2018 18:35	22.89	95.0	6.60	2.9
SR5	12/2/2018 0:40	22.97	97.3	6.76	4.2	SR5	12/2/2018 6:40	23.13	95.3	6.62	3.1	SR5	12/2/2018 12:40	23.17	92.9	6.44	4.4	SR5	12/2/2018 18:40	22.91	95.0	6.60	3.0
SR5	12/2/2018 0:45	22.96	94.8	6.60	4.1	SR5	12/2/2018 6:45	23.09	94.2	6.55	3.2	SR5	12/2/2018 12:45	23.19	94.4	6.54	3.6	SR5	12/2/2018 18:45	22.95	95.7	6.65	1.6
SR5	12/2/2018 0:50	22.95	97.0	6.74	2.4	SR5	12/2/2018 6:50	23.00	94.6	6.57	2.4	SR5	12/2/2018 12:50	23.21	93.6	6.48	3.7	SR5	12/2/2018 18:50	22.89	93.1	6.47	2.7
SR5	12/2/2018 0:55	22.94	95.4	6.63	3.9	SR5	12/2/2018 6:55	23.06	93.2	6.48	2.9	SR5	12/2/2018 12:55	23.12	92.6	6.41	2.6	SR5	12/2/2018 18:55	22.91	95.4	6.63	3.9
SR5	12/2/2018 1:00	22.94	95.4	6.63	3.2	SR5	12/2/2018 7:00	23.07	92.6	6.44	1.8	SR5	12/2/2018 13:00	23.18	89.2	6.12	3.3	SR5	12/2/2018 19:00	22.89	95.7	6.65	2.6
SR5	12/2/2018 1:05	22.94	95.2	6.62	3.0	SR5	12/2/2018 7:05	23.08	92.5	6.43	2.5	SR5	12/2/2018 13:05	23.14	90.9	6.28	3.0	SR5	12/2/2018 19:05	22.91	95.1	6.60	2.0
SR5	12/2/2018 1:10	22.94	96.6	6.72	3.9	SR5	12/2/2018 7:10	23.10	94.2	6.55	4.6	SR5	12/2/2018 13:10	23.17	91.2	6.31	2.8	SR5	12/2/2018 19:10	22.88	94.5	6.56	3.2
SR5	12/2/2018 1:15	22.95	97.3	6.76	2.9	SR5	12/2/2018 7:15	23.08	92.6	6.44	2.8	SR5	12/2/2018 13:15	23.21	90.8	6.29	3.4	SR5	12/2/2018 19:15	22.95	97.7	6.79	2.8
SR5	12/2/2018 1:20	22.94	95.7	6.66	3.1	SR5	12/2/2018 7:20	23.05	93.1	6.48	2.2	SR5	12/2/2018 13:20	23.20	92.3	6.38	4.7	SR5	12/2/2018 19:20	22.93	95.9	6.67	4.1
SR5	12/2/2018 1:25	22.93	95.9	6.67	2.9	SR5	12/2/2018 7:25	23.04	92.6	6.44	3.1	SR5	12/2/2018 13:25	23.18	96.6	6.69	1.4	SR5	12/2/2018 19:25	22.88	97.2	6.75	4.3
SR5	12/2/2018 1:30	22.93	94.6	6.58	3.7	SR5	12/2/2018 7:30	22.99	93.2	6.48	2.2	SR5	12/2/2018 13:30	23.13	94.6	6.54	2.3	SR5	12/2/2018 19:30	22.90	97.1	6.75	4.4
SR5	12/2/2018 1:35	22.92	94.9	6.60	2.6	SR5	12/2/2018 7:35	22.98	94.3	6.56	3.0	SR5	12/2/2018 13:35	23.13	90.3	6.19	3.0	SR5	12/2/2018 19:35	22.92	96.2	6.69	4.8
SR5	12/2/2018 1:40	22.93	95.3	6.63	4.5	SR5	12/2/2018 7:40	22.99	92.3	6.42	4.9	SR5	12/2/2018 13:40	23.15	90.4	6.20	1.9	SR5	12/2/2018 19:40	22.93	96.3	6.69	3.7
SR5	12/2/2018 1:45	22.94	92.9	6.46	2.1	SR5	12/2/2018 7:45	23.00	95.1	6.61	3.4	SR5	12/2/2018 13:45	23.15	97.2	6.74	3.4	SR5	12/2/2018 19:45	22.92	94.6	6.58	2.8
SR5	12/2/2018 1:50	22.93	95.3	6.62	2.3	SR5	12/2/2018 7:50	22.98	93.3	6.49	3.9	SR5	12/2/2018 13:50	23.17	96.0	6.67	3.6	SR5	12/2/2018 19:50	22.90	96.4	6.70	3.6
SR5	12/2/2018 1:55	22.93	92.9	6.46	2.8	SR5	12/2/2018 7:55	23.01	92.6	6.44	3.1	SR5	12/2/2018 13:55	23.18	97.5	6.76	1.6	SR5	12/2/2018 19:55	22.94	96.6	6.71	4.7
SR5	12/2/2018 2:00	22.93	92.4	6.42	2.9	SR5	12/2/2018 8:00	23.00	93.7	6.52	2.5	SR5	12/2/2018 14:00	23.15	93.4	6.48	3.0	SR5	12/2/2018 20:00	22.92	93.8	6.52	2.2
SR5	12/2/2018 2:05	22.92	92.8	6.45	2.1	SR5	12/2/2018 8:05	23.02	95.4	6.63	2.9	SR5	12/2/2018 14:05	23.20	95.5	6.63	3.8	SR5	12/2/2018 20:05	22.91	95.6	6.64	3.1
SR5	12/2/2018 2:10	22.96	93.4	6.50	3.2	SR5	12/2/2018 8:10	23.02	95.2	6.62	3.2	SR5	12/2/2018 14:10	23.25	95.3	6.62	3.0	SR5	12/2/2018 20:10	22.90	96.8	6.72	2.5
SR5	12/2/2018 2:15	22.96	94.6	6.57	4.9	SR5	12/2/2018 8:15	22.97	94.6	6.57	2.9	SR5	12/2/2018 14:15	23.23	97.6	6.78	2.0	SR5	12/2/2018 20:15	22.90	95.1	6.61	5.1
SR5	12/2/2018 2:20	22.93	93.3	6.48	2.9	SR5	12/2/2018 8:20	22.98	93.0	6.47	2.6	SR5	12/2/2018 14:20	23.20	98.1	6.82	4.1	SR5	12/2/2018 20:20	22.93	94.3	6.56	2.8
SR5	12/2/2018 2:25	22.92	93.1	6.47	4.9	SR5	12/2/2018 8:25	22.95	93.5	6.50	3.2	SR5	12/2/2018 14:25	23.22	98.1	6.82	2.3	SR5	12/2/2018 20:25	22.92	96.3	6.69	4.5
SR5	12/2/2018 2:30	22.91	93.0	6.47	4.1	SR5	12/2/2018 8:30	22.94	93.1	6.48	2.9	SR5	12/2/2018 14:30	23.23	96.3	6.69	2.4	SR5	12/2/2018 20:30	22.92	96.0	6.67	4.3
SR5	12/2/2018 2:35	22.92	94.9	6.59	4.1	SR5	12/2/2018 8:35	22.94	95.4	6.63	2.3	SR5	12/2/2018 14:35	23.21	96.0	6.68	1.9	SR5	12/2/2018 20:35	22.92	97.2	6.75	2.4
SR5	12/2/2018 2:40	22.94	94.2	6.55	4.0	SR5	12/2/2018 8:40	22.93	91.7	6.38	2.5	SR5	12/2/2018 14:40	23.20	97.2	6.75	3.2	SR5	12/2/2018 20:40	22.93	96.2	6.68	4.3
SR5	12/2/2018 2:45	22.96	95.6	6.64	4.4	SR5	12/2/2018 8:45	22.94	92.3	6.42	4.0	SR5	12/2/2018 14:45	23.16	97.3	6.77	2.5	SR5	12/2/2018 20:45	22.88	95.5	6.64	2.5
SR5	12/2/2018 2:50	22.98	95.6	6.64	4.5	SR5	12/2/2018 8:50	22.95	96.1	6.68	3.4	SR5	12/2/2018 14:50	23.17	97.2	6.76	1.7	SR5	12/2/2018 20:50	22.90	96.8	6.73	4.3
SR5	12/2/2018 2:55	22.99	93.7	6.52	1.4	SR5	12/2/2018 8:55	22.95	94.3	6.56	1.8	SR5	12/2/2018 14:55	23.21	96.0	6.68	1.8	SR5	12/2/2018 20:55	22.90	95.6	6.65	2.5
SR5	12/2/2018 3:00	22.88	96.5	6.70	4.4	SR5	12/2/2018 9:00	22.94	94.6	6.57	4.0	SR5	12/2/2018 15:00	23.19	98.4	6.84	3.9	SR5	12/2/2018 21:00	22.90	95.0	6.61	3.6
SR5	12/2/2018 3:05	22.92	94.4	6.56	2.8	SR5	12/2/2018 9:05	22.95	94.1	6.54	4.5	SR5	12/2/2018 15:05	23.23	97.8	6.80	1.7	SR5	12/2/2018 21:05	22.91	96.1	6.67	3.4
SR5	12/2/2018 3:10	22.94	94.2	6.55	3.4	SR5	12/2/2018 9:10	22.98	94.4	6.57	1.8	SR5	12/2/2018 15:10	23.28	97.2	6.76	3.4	SR5	12/2/2018 21:10	22.92	94.7	6.58	3.6
SR5	12/2/2018 3:15	22.90	95.1	6.60	1.8	SR5	12/2/2018 9:15	22.96	96.7	6.72	2.9	SR5	12/2/2018 15:15	23.20	97.1	6.75	3.4	SR5	12/2/2018 21:15	22.86	94.4	6.56	2.1
SR5	12/2/2018 3:20	22.91	93.6	6.50	4.4	SR5	12/2/2018 9:20	22.98	94.6	6.58	2.0	SR5	12/2/2018 15:20	23.22	97.1	6.75	2.9	SR5	12/2/2018 21:20	22.94	96.6	6.72	3.7
SR5	12/2/2018 3:25	23.01	95.5	6.63	3.8	SR5	12/2/2018 9:25	23.00	94.5	6.57	3.3	SR5	12/2/2018 15:25	23.28	96.5	6.70	3.4	SR5	12/2/2018 21:25	22.94	96.5	6.71	3.0
SR5	12/2/2018 3:30	23.03	94.9	6.60	2.0	SR5	12/2/2018 9:30	23.00	95.3	6.62	2.0	SR5	12/2/2018 15:30	23.19	95.2	6.62	4.0	SR5	12/2/2018 21:30	22.90	97.4	6.76	3.5
SR5	12/2/2018 3:35	23.04	94.5	6.57	2.7	SR5	12/2/2018 9:35	23.01	92.0	6.40	2.6	SR5	12/2/2018 15:35	23.13	95.6	6.65	3.7	SR5	12/2/2018 21:35	22.92	94.7	6.58	4.3
SR5	12/2/2018 3:40	23.05	94.4	6.56	3.9	SR5	12/2/2018 9:40	23.03	93.0	6.46	2.6	SR5	12/2/2018 15:40	23.13	95.8	6.66	3.0	SR5	12/2/2018 21:40	22.89	93.5	6.50	2.1
SR5	12/2/2018 3:45	23.04	94.3	6.56	3.6	SR5	12/2/2018 9:45	23.04	95.2	6.61	1.6	SR5	12/2/2018 15:45	23.14	97.0	6.73	1.9	SR5	12/2/2018 21:45	22.94	95.2	6.61	2.8
SR5	12/2/2018 3:50	23.03	95.8	6.66	3.8	SR5	12/2/2018 9:50	23.04	94.1	6.54	1.1	SR5	12/2/2018 15:50	23.14	96.9	6.74	4.4	SR5	12/2/2018 21:50	22.94	95.7	6.65	3.3
SR5	12/2/2018 3:55	23.05	94.6	6.57	2.6	SR5	12/2/2018 9:55	23.04	94.8	6.59	3.8	SR5	12/2/2018 15:55	23.14	96.4	6.70	3.4	SR5	12/2/2018 21:55	22.91	96.2	6.68	1.4
SR5	12/2/2018 4:00	23.05	95.9	6.67	3.5	SR5	12/2/2018 10:00	23.04	96.3	6.69	3.6	SR5	12/2/2018 16:00	23.15	97.4	6.77	3.0	SR5	12/2/2018 22:00	22.92	96.8	6.73	2.1
SR5	12/2/2018 4:05	23.06	94.0	6.53	3.6	SR5	12/2/2018 10:05	23.04	96.4	6.70	2.3	SR5	12/2/2018 16:05	23.15	94.8	6.59	6.3	SR5	12/2/2018 22:05	22.89	97.2	6.76	4.9
SR5	12/2/2018 4:10	23.08	94.9	6.60	3.6	SR5	12/2/2018 10:10	23.03	94.9	6.59	2.3	SR5	12/2/2018 16:10	23.16	97.3	6.76	2.9	SR5	12/2/2018 22:10	22.92	97.6	6.78	4.3
SR5	12/2/2018 4:15	23.10	94.3	6.56	4.1	SR5	12/2/2018 10:15	23.04	96.4	6.70	2.2	SR5	12/2/2018 16:15	23.16	96.0	6.67	3.8	SR5	12/2/2018 22:15	22.94	97.6	6.78	3.1
SR5	12/2/2018 4:20	23.10	94.9	6.59	3.7	SR5	12/2/2018 10:20	23.04	95.2	6.62	4.2	SR5	12/2/2018 16:20	23.17	95.4	6.62	4.0	SR5	12/2/2018 22:20	22.95	98.6	6.85	4.2
SR5	12/2/2018 4:25	23.11	95.1	6.61	2.2	SR5	12/2/2018 10:25	23.04	95.9	6.65	4.6	SR5	12/2/2018 16:25	23.17	95.4	6.63	2.4	SR5	12/2/2018 22:25	22.92	97.0	6.74	4.1
SR5	12/2/2018 4:30	23.10	94.7	6.58	3.3	SR5	12/2/2018 10:30	23.05	95.0	6.60	3.9	SR5	12/2/2018 16:30	23.17	95.3	6.62	2.1	SR5	12/2/2018 22:30	22.94	97.5	6.78	4.1
SR5	12/2/2018 4:35	23.12	93.8	6.52	5.3	SR5	12/2/2018 10:35	23.04	93.8	6.52	4.1	SR5	12/2/2018 16:35	22.94	96.0	6.67	3.7	SR5	12/2/2018 22:35	22.94	96.6	6.71	2.5
SR5	12/2/2018 4:40	23.12	93.3	6.49	2.3	SR5	12/2/2018 10:40	23.06	95.8	6.66	2.4	SR5	12/2/2018 16:40	22.91	96.5	6.70	3.0	SR5	12/2/2018 22:40	22.96	95.8	6.66	2.0
SR5	12/2/2018 4:45	23.12	94.5	6.57	2.8	SR5	12/2/2018 10:45	22.98	96.0	6.67	1.5	SR5	12/2/2018 16:45	22.95	96.7	6.71	2.4	SR5	12/2/2018 22:45	22.90	97.8	6.80	3.5
SR5	12/2/2018 4:50	23.12	93.9	6.52	4.3	SR5	12/2/2018 10:50	22.99	95.2	6.61	3.7	SR5	12/2/2018 16:50	22.91	96.0	6.67	3.2	SR5	12/2/2018 22:50	22.89	97.5	6.78	2.8
SR5	12/2/2018 4:55	23.13	93.0	6.46	5.0	SR5	12/2/2018 10:55	23.00	95.7	6.65	3.8	SR5	12/2/2018 16:55	22.90	95.1	6.61	1.2	SR5	12/2/2018 22:55	22.93	97.0	6.74	3.6
SR5	12/2/2018 5:00	23.13	92.9	6.45	3.8	SR5	12/2/2018 11:00	23.06	98.0	6.80	2.8	SR5	12/2/2018 17:00	22.93	95.3	6.62	3.0	SR5	12/2/2018 23:00	22.93	95.7	6.66	3.3
SR5	12/2/2018 5:05	23.13	95.0	6.60	4.0	SR5	12/2/2018 11:05	23.01	98.0	6.81	3.0	SR5	12/2/2018 17:05	22.94	96.0	6.67	3.5	SR5	12/2/2018 23:05	22.94	97.3	6.77	3.2
SR5	12/2/2018 5:10	23.13	93.0	6.47	4.0	SR5	12/2/2018 11:10	23.00	96.8	6.73	1.8	SR5	12/2/2018 17:10	22.94	95.0	6.61	1.5	SR5	12/2/2018 23:10	22.90	95.5	6.64	3.2
SR5	12/2/2018 5:15	23.13	95.3	6.62	3.8	SR5	12/2/2018 11:15	22.99	98.3	7.02	5.8	SR5	12/2/2018 17:15	22.95	94.4	6.56	1.8	SR5	12/2/2018 23:15	22.92	96.1	6.68	3.4
SR5	12/2/2018 5:20	23.13	94.0	6.54	3.1	SR5	12/2/2018 11:20	23.00	97.0	6.75	3.4	SR5	12/2/2018 17:20	22.91	94.2	6.55	1.8	SR5	12/2/2018 23:20	22.90	96.2	6.69	3.1
SR5	12/2/2018 5:25	23.14	93.6	6.50	3.7	SR5	12/2/2018 11:25	23.01	97.7	6.80	2.9	SR5	12/2/2018 17:25	22.95	95.7	6.64	2.2	SR5	12/2/2018 23:25	22.93	96.9	6.74	4.4
SR5	12/2/2018 5:30	23.14	95.1	6.61	2.5	SR5	12/2/2018 11:30	23.02	97.5	7.00	3.5	SR5	12/2/2018 17:30	22.91	94.3	6.56	3.8	SR5	12/2/2018 23:30	22.95	97.1	6.75	1.8
SR5	12/2/2018 5:35	23.14	94.8	6.59	2.5	SR5	12/2/2018 11:35	23.03	96.1	6.68	2.9	SR5	12/2/2018 17:35	22.95	95.2	6.61	3.0	SR5	12/2/2018 23:35	22.91	96.1	6.68	3.9
SR5	12/2/2018 5:40	23.13	96.1	6.68	3.5	SR5	12/2/2018 11:40	23.05	98.2	6.83	2.3	SR5	12/2/2018 17:40	22.95	94.2	6.54	3.9	SR5	12/2/2018 23:40	22.95	96.2	6.69	3.7
SR5	12/2/2018 5:45	23.14	95.8	6.66	2.7	SR5	12/2/2018 11:45	23.03	97.0	6.74	2.8	SR5	12/2/2018 17:45	22.93	94.4	6.55	1.8	SR5	12/2/2018 23:45	22.92	96.9	6.74	3.6
SR5	12/2/2018 5:50	23.14	94.4	6.56	3.9	SR5	12/2/2018 11:50	23.03	98.2	6.82	2.8	SR5	12/2/2018 17:50	22.91	93.6	6.50	4.5	SR5	12/2/2018 23:50	22.91	95.3	6.63	3.7
SR5	12/2/2018 5:55	23.14	93.5	6.50	4.0	SR5	12/2/2018 11:55	23.07	97.4	6.77	2.1	SR5	12/2/2018 17:55	22.92	95.7	6.65	3.1	SR5	12/2/2018 23:55	22.94	97.1	6.75	2.8

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/2/2018 0:01	23.42	78.8	5.60	5.3	SR12	12/2/2018 6:01	23.39	75.9	5.40	2.5	SR12	12/2/2018 12:01	23.42	81.7	5.81	5.3	SR12	12/2/2018 18:01	23.44	77.5	5.50	4.5
SR12	12/2/2018 0:06	23.45	79.7	5.66	1.4	SR12	12/2/2018 6:06	23.40	74.7	5.31	2.6	SR12	12/2/2018 12:06	23.41	81.7	5.80	1.4	SR12	12/2/2018 18:06	23.45	75.7	5.37	5.4
SR12	12/2/2018 0:11	23.44	79.4	5.64	5.5	SR12	12/2/2018 6:11	23.41	74.4	5.29	4.1	SR12	12/2/2018 12:11	23.41	81.9	5.82	2.6	SR12	12/2/2018 18:11	23.46	75.3	5.35	3.8
SR12	12/2/2018 0:16	23.43	79.6	5.65	5.5	SR12	12/2/2018 6:16	23.42	75.6	5.37	4.3	SR12	12/2/2018 12:16	23.41	81.6	5.80	1.2	SR12	12/2/2018 18:16	23.46	74.9	5.32	4.9
SR12	12/2/2018 0:21	23.42	79.2	5.62	2.6	SR12	12/2/2018 6:21	23.42	74.8	5.31	1.8	SR12	12/2/2018 12:21	23.44	81.3	5.77	1.1	SR12	12/2/2018 18:21	23.46	75.5	5.35	1.4
SR12	12/2/2018 0:26	23.45	78.5	5.58	3.6	SR12	12/2/2018 6:26	23.42	75.9	5.39	4.1	SR12	12/2/2018 12:26	23.43	81.7	5.80	5.5	SR12	12/2/2018 18:26	23.46	74.8	5.30	5.2
SR12	12/2/2018 0:31	23.43	79.0	5.61	2.0	SR12	12/2/2018 6:31	23.41	75.3	5.34	5.5	SR12	12/2/2018 12:31	23.42	81.4	5.78	3.5	SR12	12/2/2018 18:31	23.46	74.6	5.29	1.4
SR12	12/2/2018 0:36	23.42	78.1	5.55	5.2	SR12	12/2/2018 6:36	23.41	75.4	5.36	3.8	SR12	12/2/2018 12:36	23.42	81.8	5.81	5.1	SR12	12/2/2018 18:36	23.46	75.5	5.35	1.1
SR12	12/2/2018 0:41	23.42	78.1	5.55	3.6	SR12	12/2/2018 6:41	23.41	75.9	5.39	2.4	SR12	12/2/2018 12:41	23.42	82.1	5.83	2.9	SR12	12/2/2018 18:41	23.47	75.7	5.37	2.3
SR12	12/2/2018 0:46	23.42	78.7	5.59	4.7	SR12	12/2/2018 6:46	23.42	76.2	5.41	2.8	SR12	12/2/2018 12:46	23.46	82.4	5.85	3.4	SR12	12/2/2018 18:46	23.46	76.0	5.40	2.7
SR12	12/2/2018 0:51	23.43	78.1	5.55	1.6	SR12	12/2/2018 6:51	23.42	75.4	5.35	2.2	SR12	12/2/2018 12:51	23.44	82.1	5.82	4.7	SR12	12/2/2018 18:51	23.46	76.0	5.39	1.6
SR12	12/2/2018 0:56	23.43	78.7	5.59	1.6	SR12	12/2/2018 6:56	23.41	75.4	5.35	3.3	SR12	12/2/2018 12:56	23.46	82.1	5.82	2.8	SR12	12/2/2018 18:56	23.46	76.4	5.42	5.4
SR12	12/2/2018 1:01	23.42	78.2	5.56	4.0	SR12	12/2/2018 7:01	23.41	75.1	5.34	2.8	SR12	12/2/2018 13:01	23.44	82.1	5.83	3.5	SR12	12/2/2018 19:01	23.46	76.6	5.44	2.1
SR12	12/2/2018 1:06	23.43	78.2	5.56	1.4	SR12	12/2/2018 7:06	23.40	75.6	5.37	2.8	SR12	12/2/2018 13:06	23.47	83.2	5.90	5.4	SR12	12/2/2018 19:06	23.45	76.3	5.42	4.5
SR12	12/2/2018 1:11	23.43	77.7	5.52	2.5	SR12	12/2/2018 7:11	23.37	76.3	5.42	4.1	SR12	12/2/2018 13:11	23.51	82.5	5.85	3.5	SR12	12/2/2018 19:11	23.45	76.7	5.44	1.1
SR12	12/2/2018 1:16	23.42	77.6	5.51	1.4	SR12	12/2/2018 7:16	23.31	77.4	5.51	4.4	SR12	12/2/2018 13:16	23.48	82.7	5.87	5.5	SR12	12/2/2018 19:16	23.50	76.8	5.44	5.0
SR12	12/2/2018 1:21	23.42	78.1	5.55	1.6	SR12	12/2/2018 7:21	23.32	77.4	5.51	2.5	SR12	12/2/2018 13:21	23.45	83.1	5.89	5.1	SR12	12/2/2018 19:21	23.48	77.0	5.46	4.2
SR12	12/2/2018 1:26	23.42	77.9	5.53	1.8	SR12	12/2/2018 7:26	23.34	76.5	5.44	2.5	SR12	12/2/2018 13:26	23.45	82.6	5.86	1.4	SR12	12/2/2018 19:26	23.46	76.3	5.41	2.6
SR12	12/2/2018 1:31	23.42	77.7	5.51	1.9	SR12	12/2/2018 7:31	23.38	76.6	5.45	5.2	SR12	12/2/2018 13:31	23.49	82.3	5.84	2.9	SR12	12/2/2018 19:31	23.45	76.9	5.46	4.1
SR12	12/2/2018 1:36	23.42	77.7	5.52	1.8	SR12	12/2/2018 7:36	23.36	76.2	5.42	1.9	SR12	12/2/2018 13:36	23.47	81.9	5.81	4.8	SR12	12/2/2018 19:36	23.49	76.6	5.43	4.1
SR12	12/2/2018 1:41	23.42	77.5	5.51	4.4	SR12	12/2/2018 7:41	23.35	76.3	5.43	2.9	SR12	12/2/2018 13:41	23.46	82.1	5.83	4.6	SR12	12/2/2018 19:41	23.47	76.3	5.41	2.0
SR12	12/2/2018 1:46	23.43	77.1	5.47	1.1	SR12	12/2/2018 7:46	23.35	76.3	5.43	2.0	SR12	12/2/2018 13:46	23.46	82.2	5.83	1.5	SR12	12/2/2018 19:46	23.46	76.4	5.42	4.6
SR12	12/2/2018 1:51	23.43	77.0	5.47	4.2	SR12	12/2/2018 7:51	23.36	75.5	5.37	4.3	SR12	12/2/2018 13:51	23.47	81.8	5.81	1.2	SR12	12/2/2018 19:51	23.49	75.9	5.38	5.2
SR12	12/2/2018 1:56	23.42	77.3	5.49	1.3	SR12	12/2/2018 7:56	23.40	75.9	5.40	2.9	SR12	12/2/2018 13:56	23.47	81.3	5.77	2.8	SR12	12/2/2018 19:56	23.45	77.4	5.49	3.6
SR12	12/2/2018 2:01	23.43	76.1	5.40	2.0	SR12	12/2/2018 8:01	23.38	76.5	5.44	1.2	SR12	12/2/2018 14:01	23.50	80.6	5.72	3.2	SR12	12/2/2018 20:01	23.45	76.8	5.45	1.6
SR12	12/2/2018 2:06	23.43	75.7	5.38	5.3	SR12	12/2/2018 8:06	23.36	76.3	5.43	1.3	SR12	12/2/2018 14:06	23.48	80.2	5.69	2.1	SR12	12/2/2018 20:06	23.44	77.5	5.50	5.1
SR12	12/2/2018 2:11	23.42	76.3	5.42	1.8	SR12	12/2/2018 8:11	23.36	76.5	5.44	5.2	SR12	12/2/2018 14:11	23.46	80.2	5.69	3.5	SR12	12/2/2018 20:11	23.44	77.1	5.47	2.2
SR12	12/2/2018 2:16	23.43	76.2	5.41	4.7	SR12	12/2/2018 8:16	23.37	76.2	5.42	1.6	SR12	12/2/2018 14:16	23.46	79.8	5.66	2.1	SR12	12/2/2018 20:16	23.44	77.1	5.47	5.2
SR12	12/2/2018 2:21	23.43	75.6	5.36	4.5	SR12	12/2/2018 8:21	23.37	76.4	5.44	3.7	SR12	12/2/2018 14:21	23.46	79.6	5.64	4.2	SR12	12/2/2018 20:21	23.43	77.2	5.48	3.1
SR12	12/2/2018 2:26	23.43	75.4	5.35	5.2	SR12	12/2/2018 8:26	23.36	77.2	5.49	1.8	SR12	12/2/2018 14:26	23.48	79.5	5.64	3.1	SR12	12/2/2018 20:26	23.44	76.9	5.46	4.7
SR12	12/2/2018 2:31	23.43	76.1	5.40	3.7	SR12	12/2/2018 8:31	23.40	77.7	5.53	2.2	SR12	12/2/2018 14:31	23.45	79.6	5.65	2.2	SR12	12/2/2018 20:31	23.46	78.1	5.54	2.8
SR12	12/2/2018 2:36	23.43	76.0	5.39	1.5	SR12	12/2/2018 8:36	23.38	78.7	5.60	2.6	SR12	12/2/2018 14:36	23.44	79.3	5.63	1.1	SR12	12/2/2018 20:36	23.46	77.9	5.53	2.5
SR12	12/2/2018 2:41	23.43	76.2	5.40	3.8	SR12	12/2/2018 8:41	23.41	78.1	5.55	4.0	SR12	12/2/2018 14:41	23.44	78.8	5.59	5.4	SR12	12/2/2018 20:41	23.47	77.8	5.52	4.6
SR12	12/2/2018 2:46	23.44	75.8	5.38	4.8	SR12	12/2/2018 8:46	23.39	79.2	5.63	5.5	SR12	12/2/2018 14:46	23.43	78.9	5.60	1.6	SR12	12/2/2018 20:46	23.47	78.1	5.54	3.8
SR12	12/2/2018 2:51	23.44	75.3	5.34	3.9	SR12	12/2/2018 8:51	23.38	79.4	5.64	3.7	SR12	12/2/2018 14:51	23.44	79.0	5.61	1.8	SR12	12/2/2018 20:51	23.48	78.1	5.54	4.1
SR12	12/2/2018 2:56	23.44	75.7	5.37	1.6	SR12	12/2/2018 8:56	23.41	78.8	5.60	4.6	SR12	12/2/2018 14:56	23.44	79.1	5.62	1.1	SR12	12/2/2018 20:56	23.47	78.4	5.56	2.5
SR12	12/2/2018 3:01	23.44	76.2	5.40	4.5	SR12	12/2/2018 9:01	23.39	78.8	5.60	4.2	SR12	12/2/2018 15:01	23.44	78.8	5.60	2.9	SR12	12/2/2018 21:01	23.48	78.1	5.54	3.5
SR12	12/2/2018 3:06	23.44	76.1	5.40	1.1	SR12	12/2/2018 9:06	23.38	78.7	5.60	3.9	SR12	12/2/2018 15:06	23.44	78.2	5.55	2.6	SR12	12/2/2018 21:06	23.48	78.1	5.54	1.6
SR12	12/2/2018 3:11	23.45	75.6	5.36	2.0	SR12	12/2/2018 9:11	23.41	78.9	5.61	2.1	SR12	12/2/2018 15:11	23.45	78.8	5.59	4.6	SR12	12/2/2018 21:11	23.48	78.3	5.55	3.7
SR12	12/2/2018 3:16	23.44	75.9	5.39	3.9	SR12	12/2/2018 9:16	23.39	79.5	5.65	1.2	SR12	12/2/2018 15:16	23.45	78.6	5.58	3.5	SR12	12/2/2018 21:16	23.48	78.1	5.54	3.2
SR12	12/2/2018 3:21	23.44	75.8	5.38	5.1	SR12	12/2/2018 9:21	23.36	79.4	5.65	4.0	SR12	12/2/2018 15:21	23.45	78.2	5.55	4.6	SR12	12/2/2018 21:21	23.52	78.5	5.57	1.3
SR12	12/2/2018 3:26	23.44	76.2	5.41	2.9	SR12	12/2/2018 9:26	23.35	80.0	5.69	2.5	SR12	12/2/2018 15:26	23.45	78.2	5.55	3.5	SR12	12/2/2018 21:26	23.49	78.0	5.53	5.4
SR12	12/2/2018 3:31	23.45	74.8	5.31	1.2	SR12	12/2/2018 9:31	23.34	80.6	5.73	1.4	SR12	12/2/2018 15:31	23.45	78.2	5.55	2.9	SR12	12/2/2018 21:31	23.48	78.3	5.55	3.9
SR12	12/2/2018 3:36	23.45	75.1	5.33	3.8	SR12	12/2/2018 9:36	23.38	79.7	5.67	4.9	SR12	12/2/2018 15:36	23.45	78.4	5.56	3.7	SR12	12/2/2018 21:36	23.48	78.0	5.53	4.1
SR12	12/2/2018 3:41	23.44	75.3	5.34	2.9	SR12	12/2/2018 9:41	23.35	80.5	5.73	1.5	SR12	12/2/2018 15:41	23.49	77.7	5.51	2.6	SR12	12/2/2018 21:41	23.51	77.5	5.49	1.3
SR12	12/2/2018 3:46	23.43	76.2	5.41	2.2	SR12	12/2/2018 9:46	23.33	81.4	5.79	1.2	SR12	12/2/2018 15:46	23.47	77.5	5.50	3.6	SR12	12/2/2018 21:46	23.50	77.8	5.52	4.3
SR12	12/2/2018 3:51	23.42	76.7	5.44	4.7	SR12	12/2/2018 9:51	23.33	80.9	5.76	2.2	SR12	12/2/2018 15:51	23.46	76.8	5.45	1.5	SR12	12/2/2018 21:51	23.49	78.6	5.58	3.0
SR12	12/2/2018 3:56	23.42	76.3	5.42	3.1	SR12	12/2/2018 9:56	23.33	81.2	5.78	2.6	SR12	12/2/2018 15:56	23.45	78.1	5.54	2.7	SR12	12/2/2018 21:56	23.48	79.4	5.63	2.2
SR12	12/2/2018 4:01	23.42	75.2	5.34	2.6	SR12	12/2/2018 10:01	23.33	81.5	5.80	3.2	SR12	12/2/2018 16:01	23.46	78.3	5.56	4.0	SR12	12/2/2018 22:01	23.48	79.7	5.65	2.0
SR12	12/2/2018 4:06	23.42	75.3	5.35	3.4	SR12	12/2/2018 10:06	23.33	81.4	5.79	2.2	SR12	12/2/2018 16:06	23.46	77.8	5.52	**12.5**	SR12	12/2/2018 22:06	23.47	80.6	5.72	4.2
SR12	12/2/2018 4:11	23.42	75.1	5.33	1.8	SR12	12/2/2018 10:11	23.36	81.4	5.79	1.6	SR12	12/2/2018 16:11	23.45	77.8	5.52	3.1	SR12	12/2/2018 22:11	23.48	80.8	5.74	5.0
SR12	12/2/2018 4:16	23.42	74.9	5.31	3.6	SR12	12/2/2018 10:16	23.34	81.7	5.82	1.4	SR12	12/2/2018 16:16	23.46	77.8	5.52	4.5	SR12	12/2/2018 22:16	23.52	80.3	5.69	4.8
SR12	12/2/2018 4:21	23.43	75.2	5.34	3.9	SR12	12/2/2018 10:21	23.34	81.6	5.81	5.2	SR12	12/2/2018 16:21	23.45	77.5	5.50	2.4	SR12	12/2/2018 22:21	23.50	80.6	5.71	1.3
SR12	12/2/2018 4:26	23.43	74.3	5.27	2.7	SR12	12/2/2018 10:26	23.34	82.9	5.90	7.4	SR12	12/2/2018 16:26	23.45	78.0	5.53	1.3	SR12	12/2/2018 22:26	23.49	80.7	5.73	3.6
SR12	12/2/2018 4:31	23.39	75.5	5.37	2.0	SR12	12/2/2018 10:31	23.33	82.7	5.88	7.2	SR12	12/2/2018 16:31	23.45	77.5	5.50	3.8	SR12	12/2/2018 22:31	23.49	80.6	5.72	2.3
SR12	12/2/2018 4:36	23.39	75.3	5.35	5.0	SR12	12/2/2018 10:36	23.35	82.3	5.86	9.3	SR12	12/2/2018 16:36	23.45	77.2	5.48	5.0	SR12	12/2/2018 22:36	23.49	80.7	5.72	1.7
SR12	12/2/2018 4:41	23.40	75.0	5.33	4.1	SR12	12/2/2018 10:41	23.36	82.5	5.87	3.8	SR12	12/2/2018 16:41	23.46	76.5	5.43	5.5	SR12	12/2/2018 22:41	23.49	80.8	5.74	1.9
SR12	12/2/2018 4:46	23.38	75.1	5.34	2.6	SR12	12/2/2018 10:46	23.37	82.1	5.84	2.3	SR12	12/2/2018 16:46	23.45	77.3	5.49	3.1	SR12	12/2/2018 22:46	23.49	80.2	5.69	2.0
SR12	12/2/2018 4:51	23.40	74.6	5.30	4.5	SR12	12/2/2018 10:51	23.36	82.7	5.88	7.5	SR12	12/2/2018 16:51	23.48	77.4	5.49	8.8	SR12	12/2/2018 22:51	23.49	79.9	5.67	1.1
SR12	12/2/2018 4:56	23.44	73.8	5.24	4.9	SR12	12/2/2018 10:56	23.37	82.3	5.85	4.3	SR12	12/2/2018 16:56	23.45	77.4	5.49	1.7	SR12	12/2/2018 22:56	23.49	80.4	5.70	3.1
SR12	12/2/2018 5:01	23.43	74.6	5.29	5.0	SR12	12/2/2018 11:01	23.37	82.2	5.84	3.7	SR12	12/2/2018 17:01	23.48	76.9	5.45	3.9	SR12	12/2/2018 23:01	23.49	80.5	5.71	2.8
SR12	12/2/2018 5:06	23.42	75.0	5.33	4.0	SR12	12/2/2018 11:06	23.37	82.3	5.85	1.8	SR12	12/2/2018 17:06	23.46	77.0	5.46	5.1	SR12	12/2/2018 23:06	23.49	80.7	5.73	3.0
SR12	12/2/2018 5:11	23.42	74.8	5.31	4.7	SR12	12/2/2018 11:11	23.37	82.1	5.84	2.0	SR12	12/2/2018 17:11	23.45	76.9	5.46	3.8	SR12	12/2/2018 23:11	23.49	80.2	5.69	4.9
SR12	12/2/2018 5:16	23.42	74.1	5.26	3.6	SR12	12/2/2018 11:16	23.37	82.6	5.87	4.6	SR12	12/2/2018 17:16	23.45	76.9	5.46	3.3	SR12	12/2/2018 23:16	23.49	80.5	5.71	2.5
SR12	12/2/2018 5:21	23.42	74.4	5.28	1.7	SR12	12/2/2018 11:21	23.39	82.5	5.86	3.8	SR12	12/2/2018 17:21	23.46	76.8	5.45	2.6	SR12	12/2/2018 23:21	23.49	79.9	5.67	4.7
SR12	12/2/2018 5:26	23.43	74.1	5.26	2.5	SR12	12/2/2018 11:26	23.38	82.4	5.86	2.5	SR12	12/2/2018 17:26	23.46	75.6	5.37	4.2	SR12	12/2/2018 23:26	23.49	80.5	5.71	2.5
SR12	12/2/2018 5:31	23.34	76.8	5.46	5.0	SR12	12/2/2018 11:31	23.37	81.9	5.82	1.9	SR12	12/2/2018 17:31	23.45	76.8	5.45	2.4	SR12	12/2/2018 23:31	23.52	80.8	5.73	3.4
SR12	12/2/2018 5:36	23.40	75.4	5.36	3.9	SR12	12/2/2018 11:36	23.38	82.2	5.84	4.5	SR12	12/2/2018 17:36	23.45	76.2	5.40	1.4	SR12	12/2/2018 23:36	23.50	81.2	5.76	3.0
SR12	12/2/2018 5:41	23.36	76.2	5.42	5.2	SR12	12/2/2018 11:41	23.37	81.5	5.80	1.2	SR12	12/2/2018 17:41	23.45	76.4	5.42	4.0	SR12	12/2/2018 23:41	23.49	80.4	5.71	3.5
SR12	12/2/2018 5:46	23.39	76.8	5.46	4.7	SR12	12/2/2018 11:46	23.41	81.7	5.80	1.3	SR12	12/2/2018 17:46	23.45	76.4	5.42	5.1	SR12	12/2/2018 23:46	23.52	80.8	5.74	1.6
SR12	12/2/2018 5:51	23.38	75.7	5.38	4.1	SR12	12/2/2018 11:51	23.40	81.9	5.82	3.6	SR12	12/2/2018 17:51	23.44	77.6	5.51	2.5	SR12	12/2/2018 23:51	23.49	81.1	5.76	2.7
SR12	12/2/2018 5:56	23.38	75.4	5.36	4.5	SR12	12/2/2018 11:56	23.39	81.6	5.80	1.2	SR12	12/2/2018 17:56	23.43	77.3	5.49	5.1	SR12	12/2/2018 23:56	23.47	81.5	5.79	3.7

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/2/2018 0:00	22.38	79.6	5.51	6.1	SR13	12/2/2018 6:00	22.81	82.7	5.95	1.9	SR13	12/2/2018 12:00	22.47	81.2	5.66	5.3	SR13	12/2/2018 18:00	22.44	80.0	5.56	1.8
SR13	12/2/2018 0:05	22.38	79.3	5.49	5.1	SR13	12/2/2018 6:05	22.82	83.6	6.03	1.4	SR13	12/2/2018 12:05	22.47	80.1	5.56	3.5	SR13	12/2/2018 18:05	22.41	80.5	5.59	3.0
SR13	12/2/2018 0:10	22.38	79.2	5.49	5.7	SR13	12/2/2018 6:10	22.81	83.2	5.99	1.9	SR13	12/2/2018 12:10	22.48	80.4	5.58	4.6	SR13	12/2/2018 18:10	22.42	80.1	5.56	3.6
SR13	12/2/2018 0:15	22.38	78.6	5.44	6.2	SR13	12/2/2018 6:15	22.80	84.1	6.06	2.1	SR13	12/2/2018 12:15	22.48	80.4	5.61	4.9	SR13	12/2/2018 18:15	22.42	80.3	5.58	5.0
SR13	12/2/2018 0:20	22.38	78.7	5.45	5.4	SR13	12/2/2018 6:20	22.81	83.6	6.03	2.0	SR13	12/2/2018 12:20	22.49	80.4	5.57	6.0	SR13	12/2/2018 18:20	22.42	80.1	5.56	6.3
SR13	12/2/2018 0:25	22.38	78.7	5.45	6.3	SR13	12/2/2018 6:25	22.80	83.8	6.04	2.6	SR13	12/2/2018 12:25	22.52	80.5	5.58	5.2	SR13	12/2/2018 18:25	22.42	79.7	5.54	4.2
SR13	12/2/2018 0:30	22.38	78.3	5.42	5.8	SR13	12/2/2018 6:30	22.81	83.5	6.02	2.3	SR13	12/2/2018 12:30	22.49	80.9	5.61	5.6	SR13	12/2/2018 18:30	22.42	79.9	5.55	2.2
SR13	12/2/2018 0:35	22.79	84.0	6.04	2.3	SR13	12/2/2018 6:35	22.81	82.9	5.97	2.5	SR13	12/2/2018 12:35	22.45	81.2	5.63	5.0	SR13	12/2/2018 18:35	22.42	79.9	5.55	6.6
SR13	12/2/2018 0:40	22.80	84.7	6.08	2.0	SR13	12/2/2018 6:40	22.81	82.6	5.95	2.5	SR13	12/2/2018 12:40	22.48	81.0	5.62	3.7	SR13	12/2/2018 18:40	22.41	80.1	5.56	2.1
SR13	12/2/2018 0:45	22.79	83.5	6.00	2.7	SR13	12/2/2018 6:45	22.82	83.0	5.98	2.0	SR13	12/2/2018 12:45	22.53	80.7	5.60	4.1	SR13	12/2/2018 18:45	22.43	79.8	5.54	2.0
SR13	12/2/2018 0:50	22.80	83.7	6.01	1.6	SR13	12/2/2018 6:50	22.81	83.5	6.02	1.7	SR13	12/2/2018 12:50	22.48	81.9	5.67	5.5	SR13	12/2/2018 18:50	22.42	79.4	5.52	4.0
SR13	12/2/2018 0:55	22.80	83.4	6.00	2.8	SR13	12/2/2018 6:55	22.81	82.9	5.97	1.8	SR13	12/2/2018 12:55	22.49	81.8	5.67	5.9	SR13	12/2/2018 18:55	22.41	80.0	5.55	7.4
SR13	12/2/2018 1:00	22.80	83.2	5.98	2.3	SR13	12/2/2018 7:00	22.82	83.2	5.99	2.2	SR13	12/2/2018 13:00	22.50	81.1	5.62	5.0	SR13	12/2/2018 19:00	22.42	79.5	5.52	8.0
SR13	12/2/2018 1:05	22.80	82.8	5.96	1.3	SR13	12/2/2018 7:05	22.82	83.2	5.99	1.3	SR13	12/2/2018 13:05	22.48	81.5	5.65	6.5	SR13	12/2/2018 19:05	22.41	79.6	5.53	3.4
SR13	12/2/2018 1:10	22.80	84.0	6.04	2.4	SR13	12/2/2018 7:10	22.84	83.4	6.01	2.2	SR13	12/2/2018 13:10	22.51	81.5	5.64	5.5	SR13	12/2/2018 19:10	22.41	79.6	5.53	4.5
SR13	12/2/2018 1:15	22.80	83.7	6.01	1.4	SR13	12/2/2018 7:15	22.84	83.6	6.02	2.7	SR13	12/2/2018 13:15	22.48	81.4	5.64	2.9	SR13	12/2/2018 19:15	22.41	79.5	5.51	5.1
SR13	12/2/2018 1:20	22.80	84.0	6.04	2.6	SR13	12/2/2018 7:20	22.84	83.9	6.05	2.4	SR13	12/2/2018 13:20	22.48	81.4	5.64	1.7	SR13	12/2/2018 19:20	22.41	79.6	5.52	9.3
SR13	12/2/2018 1:25	22.80	83.5	6.00	2.0	SR13	12/2/2018 7:25	22.83	84.7	6.10	1.5	SR13	12/2/2018 13:25	22.44	81.0	5.61	6.3	SR13	12/2/2018 19:25	22.41	80.0	5.56	11.7
SR13	12/2/2018 1:30	22.80	82.4	5.93	2.3	SR13	12/2/2018 7:30	22.83	84.2	6.07	1.6	SR13	12/2/2018 13:30	22.43	81.0	5.62	6.5	SR13	12/2/2018 19:30	22.41	79.9	5.55	3.7
SR13	12/2/2018 1:35	22.80	83.1	5.98	1.1	SR13	12/2/2018 7:35	22.81	84.3	6.07	1.3	SR13	12/2/2018 13:35	22.45	81.0	5.61	3.8	SR13	12/2/2018 19:35	22.41	79.5	5.52	5.2
SR13	12/2/2018 1:40	22.79	83.2	5.98	1.5	SR13	12/2/2018 7:40	22.82	84.5	6.09	1.7	SR13	12/2/2018 13:40	22.47	81.0	5.62	2.2	SR13	12/2/2018 19:40	22.41	80.2	5.57	7.8
SR13	12/2/2018 1:45	22.79	82.8	5.96	1.9	SR13	12/2/2018 7:45	22.83	84.4	6.09	1.3	SR13	12/2/2018 13:45	22.44	80.6	5.58	3.8	SR13	12/2/2018 19:45	22.41	80.2	5.57	7.2
SR13	12/2/2018 1:50	22.79	82.9	5.96	1.3	SR13	12/2/2018 7:50	22.83	85.2	6.15	1.5	SR13	12/2/2018 13:50	22.46	80.9	5.60	5.5	SR13	12/2/2018 19:50	22.41	80.1	5.56	7.5
SR13	12/2/2018 1:55	22.79	83.4	5.99	2.2	SR13	12/2/2018 7:55	22.83	86.0	6.20	2.4	SR13	12/2/2018 13:55	22.46	80.7	5.59	1.9	SR13	12/2/2018 19:55	22.41	80.0	5.56	6.9
SR13	12/2/2018 2:00	22.79	83.6	6.00	6.5	SR13	12/2/2018 8:00	22.82	85.5	6.18	1.9	SR13	12/2/2018 14:00	22.46	80.6	5.58	5.2	SR13	12/2/2018 20:00	22.41	80.4	5.58	6.9
SR13	12/2/2018 2:05	22.79	83.6	6.01	1.4	SR13	12/2/2018 8:05	22.81	85.8	6.19	1.4	SR13	12/2/2018 14:05	22.46	81.0	5.61	2.0	SR13	12/2/2018 20:05	22.40	80.2	5.57	5.1
SR13	12/2/2018 2:10	22.79	83.8	6.03	1.6	SR13	12/2/2018 8:10	22.81	85.5	6.17	1.5	SR13	12/2/2018 14:10	22.46	81.4	5.65	2.8	SR13	12/2/2018 20:10	22.40	80.1	5.56	3.3
SR13	12/2/2018 2:15	22.79	83.4	6.00	1.7	SR13	12/2/2018 8:15	22.81	85.8	6.19	2.1	SR13	12/2/2018 14:15	22.46	81.2	5.63	3.0	SR13	12/2/2018 20:15	22.40	80.3	5.57	4.1
SR13	12/2/2018 2:20	22.78	83.1	5.97	1.3	SR13	12/2/2018 8:20	22.79	86.1	6.22	1.5	SR13	12/2/2018 14:20	22.46	80.3	5.56	3.4	SR13	12/2/2018 20:20	22.41	80.2	5.57	4.7
SR13	12/2/2018 2:25	22.79	83.5	6.01	2.7	SR13	12/2/2018 8:25	22.79	86.0	6.21	2.1	SR13	12/2/2018 14:25	22.46	80.6	5.58	4.4	SR13	12/2/2018 20:25	22.41	80.3	5.57	4.1
SR13	12/2/2018 2:30	22.79	82.6	5.94	1.1	SR13	12/2/2018 8:30	22.80	84.3	6.08	1.6	SR13	12/2/2018 14:30	22.48	81.5	5.65	4.8	SR13	12/2/2018 20:30	22.41	79.7	5.53	2.7
SR13	12/2/2018 2:35	22.79	83.0	5.97	1.8	SR13	12/2/2018 8:35	22.78	84.0	6.06	2.3	SR13	12/2/2018 14:35	22.45	81.3	5.64	3.7	SR13	12/2/2018 20:35	22.41	79.2	5.50	1.8
SR13	12/2/2018 2:40	22.79	82.9	5.96	1.2	SR13	12/2/2018 8:40	22.80	83.8	6.05	1.6	SR13	12/2/2018 14:40	22.44	81.3	5.64	3.9	SR13	12/2/2018 20:40	22.41	79.6	5.53	2.9
SR13	12/2/2018 2:45	22.79	82.4	5.92	1.5	SR13	12/2/2018 8:45	22.79	84.3	6.08	1.1	SR13	12/2/2018 14:45	22.43	80.5	5.58	4.1	SR13	12/2/2018 20:45	22.41	79.4	5.52	2.0
SR13	12/2/2018 2:50	22.79	81.9	5.89	2.1	SR13	12/2/2018 8:50	22.79	85.1	6.14	1.4	SR13	12/2/2018 14:50	22.44	80.9	5.61	5.5	SR13	12/2/2018 20:50	22.40	79.7	5.53	1.8
SR13	12/2/2018 2:55	22.80	82.4	5.93	1.5	SR13	12/2/2018 8:55	22.79	86.0	6.20	2.2	SR13	12/2/2018 14:55	22.43	80.6	5.59	3.1	SR13	12/2/2018 20:55	22.40	79.8	5.54	2.4
SR13	12/2/2018 3:00	22.80	81.9	5.89	2.6	SR13	12/2/2018 9:00	22.78	86.2	6.22	1.5	SR13	12/2/2018 15:00	22.43	80.9	5.61	3.4	SR13	12/2/2018 21:00	22.41	79.7	5.53	3.0
SR13	12/2/2018 3:05	22.79	81.4	5.85	2.0	SR13	12/2/2018 9:05	22.79	85.7	6.19	1.8	SR13	12/2/2018 15:05	22.44	80.8	5.60	2.6	SR13	12/2/2018 21:05	22.41	79.4	5.51	5.7
SR13	12/2/2018 3:10	22.79	82.2	5.91	2.8	SR13	12/2/2018 9:10	22.78	86.4	6.24	1.4	SR13	12/2/2018 15:10	22.45	80.6	5.59	4.2	SR13	12/2/2018 21:10	22.41	79.6	5.53	2.1
SR13	12/2/2018 3:15	22.79	82.4	5.93	2.0	SR13	12/2/2018 9:15	22.79	86.7	6.27	1.4	SR13	12/2/2018 15:15	22.44	80.6	5.58	2.7	SR13	12/2/2018 21:15	22.41	80.2	5.57	1.8
SR13	12/2/2018 3:20	22.79	83.1	5.97	1.6	SR13	12/2/2018 9:20	22.78	87.0	6.28	1.3	SR13	12/2/2018 15:20	22.45	80.3	5.58	2.7	SR13	12/2/2018 21:20	22.41	80.6	5.59	5.6
SR13	12/2/2018 3:25	22.80	83.4	6.00	2.4	SR13	12/2/2018 9:25	22.78	86.2	6.23	2.0	SR13	12/2/2018 15:25	22.45	80.6	5.60	6.0	SR13	12/2/2018 21:25	22.41	80.4	5.58	2.6
SR13	12/2/2018 3:30	22.80	83.8	6.03	2.4	SR13	12/2/2018 9:30	22.79	86.5	6.25	2.5	SR13	12/2/2018 15:30	22.45	80.8	5.61	5.9	SR13	12/2/2018 21:30	22.41	80.2	5.57	4.5
SR13	12/2/2018 3:35	22.81	83.6	6.01	2.2	SR13	12/2/2018 9:35	22.35	80.6	5.60	4.7	SR13	12/2/2018 15:35	22.45	81.0	5.63	6.1	SR13	12/2/2018 21:35	22.41	80.4	5.58	4.4
SR13	12/2/2018 3:40	22.81	83.1	5.98	1.1	SR13	12/2/2018 9:40	22.33	80.3	5.58	1.7	SR13	12/2/2018 15:40	22.44	81.0	5.63	5.4	SR13	12/2/2018 21:40	22.41	80.3	5.57	4.9
SR13	12/2/2018 3:45	22.78	84.0	6.03	2.3	SR13	12/2/2018 9:45	22.36	79.7	5.54	2.3	SR13	12/2/2018 15:45	22.44	81.3	5.65	4.0	SR13	12/2/2018 21:45	22.41	80.2	5.57	4.0
SR13	12/2/2018 3:50	22.79	83.3	5.99	1.1	SR13	12/2/2018 9:50	22.38	79.3	5.51	2.9	SR13	12/2/2018 15:50	22.44	81.1	5.63	3.4	SR13	12/2/2018 21:50	22.41	80.2	5.57	4.9
SR13	12/2/2018 3:55	22.80	82.8	5.96	1.6	SR13	12/2/2018 9:55	22.34	80.1	5.57	2.4	SR13	12/2/2018 15:55	22.44	81.2	5.65	5.8	SR13	12/2/2018 21:55	22.41	80.5	5.59	3.5
SR13	12/2/2018 4:00	22.79	83.0	5.97	1.6	SR13	12/2/2018 10:00	22.38	79.9	5.56	3.7	SR13	12/2/2018 16:00	22.45	81.3	5.65	5.0	SR13	12/2/2018 22:00	22.41	80.1	5.56	4.0
SR13	12/2/2018 4:05	22.79	82.5	5.93	2.7	SR13	12/2/2018 10:05	22.39	79.5	5.53	4.6	SR13	12/2/2018 16:05	22.45	80.8	5.61	4.8	SR13	12/2/2018 22:05	22.41	80.3	5.57	3.7
SR13	12/2/2018 4:10	22.81	83.1	5.97	1.8	SR13	12/2/2018 10:10	22.32	81.1	5.63	3.5	SR13	12/2/2018 16:10	22.44	80.6	5.60	5.7	SR13	12/2/2018 22:10	22.41	79.9	5.55	3.1
SR13	12/2/2018 4:15	22.82	82.2	5.91	0.9	SR13	12/2/2018 10:15	22.33	81.3	5.65	1.8	SR13	12/2/2018 16:15	22.45	80.7	5.61	2.7	SR13	12/2/2018 22:15	22.41	80.1	5.56	2.8
SR13	12/2/2018 4:20	22.83	82.0	5.90	1.7	SR13	12/2/2018 10:20	22.33	80.4	5.58	1.7	SR13	12/2/2018 16:20	22.45	80.7	5.61	1.5	SR13	12/2/2018 22:20	22.41	79.8	5.54	2.6
SR13	12/2/2018 4:25	22.82	81.8	5.88	1.9	SR13	12/2/2018 10:25	22.33	80.5	5.59	5.3	SR13	12/2/2018 16:25	22.45	80.6	5.60	2.3	SR13	12/2/2018 22:25	22.41	79.5	5.52	1.5
SR13	12/2/2018 4:30	22.82	82.2	5.91	1.9	SR13	12/2/2018 10:30	22.34	80.8	5.62	5.6	SR13	12/2/2018 16:30	22.45	80.8	5.61	3.2	SR13	12/2/2018 22:30	22.42	79.6	5.53	5.6
SR13	12/2/2018 4:35	22.81	82.9	5.96	2.3	SR13	12/2/2018 10:35	22.33	80.8	5.61	5.5	SR13	12/2/2018 16:35	22.45	80.5	5.59	6.3	SR13	12/2/2018 22:35	22.41	80.7	5.60	6.4
SR13	12/2/2018 4:40	22.82	82.5	5.93	1.8	SR13	12/2/2018 10:40	22.34	80.5	5.60	1.9	SR13	12/2/2018 16:40	22.45	80.7	5.61	4.8	SR13	12/2/2018 22:40	22.41	81.0	5.62	3.1
SR13	12/2/2018 4:45	22.82	82.7	5.95	1.8	SR13	12/2/2018 10:45	22.35	80.6	5.59	1.5	SR13	12/2/2018 16:45	22.45	80.7	5.61	4.6	SR13	12/2/2018 22:45	22.41	81.4	5.64	5.7
SR13	12/2/2018 4:50	22.80	82.3	5.92	2.0	SR13	12/2/2018 10:50	22.33	80.5	5.59	3.8	SR13	12/2/2018 16:50	22.45	80.1	5.57	2.5	SR13	12/2/2018 22:50	22.41	80.8	5.61	1.5
SR13	12/2/2018 4:55	22.83	82.4	5.93	1.6	SR13	12/2/2018 10:55	22.42	80.0	5.56	1.8	SR13	12/2/2018 16:55	22.44	80.8	5.62	6.5	SR13	12/2/2018 22:55	22.42	80.8	5.61	2.7
SR13	12/2/2018 5:00	22.83	82.3	5.92	2.2	SR13	12/2/2018 11:00	22.44	79.9	5.55	2.2	SR13	12/2/2018 17:00	22.45	80.5	5.60	5.9	SR13	12/2/2018 23:00	22.42	81.0	5.62	4.7
SR13	12/2/2018 5:05	22.83	82.3	5.91	2.2	SR13	12/2/2018 11:05	22.41	79.8	5.54	2.1	SR13	12/2/2018 17:05	22.44	80.7	5.60	6.3	SR13	12/2/2018 23:05	22.42	81.0	5.62	2.1
SR13	12/2/2018 5:10	22.83	81.8	5.88	1.5	SR13	12/2/2018 11:10	22.49	78.5	5.46	4.6	SR13	12/2/2018 17:10	22.44	80.6	5.60	3.8	SR13	12/2/2018 23:10	22.42	80.6	5.60	6.6
SR13	12/2/2018 5:15	22.83	81.8	5.88	1.7	SR13	12/2/2018 11:15	22.43	79.6	5.53	1.7	SR13	12/2/2018 17:15	22.43	80.3	5.58	2.3	SR13	12/2/2018 23:15	22.42	80.7	5.60	2.4
SR13	12/2/2018 5:20	22.83	81.5	5.86	2.9	SR13	12/2/2018 11:20	22.41	79.6	5.53	6.5	SR13	12/2/2018 17:20	22.43	80.2	5.58	4.5	SR13	12/2/2018 23:20	22.42	80.7	5.60	5.8
SR13	12/2/2018 5:25	22.83	81.1	5.84	1.7	SR13	12/2/2018 11:25	22.46	78.5	5.46	4.1	SR13	12/2/2018 17:25	22.43	80.0	5.56	6.4	SR13	12/2/2018 23:25	22.42	80.7	5.60	2.9
SR13	12/2/2018 5:30	22.80	82.0	5.91	1.6	SR13	12/2/2018 11:30	22.41	79.3	5.51	1.6	SR13	12/2/2018 17:30	22.44	80.4	5.58	3.3	SR13	12/2/2018 23:30	22.42	80.8	5.61	4.2
SR13	12/2/2018 5:35	22.81	82.0	5.90	2.4	SR13	12/2/2018 11:35	22.43	79.2	5.50	5.1	SR13	12/2/2018 17:35	22.44	80.2	5.58	5.8	SR13	12/2/2018 23:35	22.42	80.8	5.61	2.8
SR13	12/2/2018 5:40	22.83	81.5	5.86	2.7	SR13	12/2/2018 11:40	22.44	79.0	5.49	4.5	SR13	12/2/2018 17:40	22.45	80.3	5.58	1.6	SR13	12/2/2018 23:40	22.43	80.6	5.60	1.9
SR13	12/2/2018 5:45	22.82	81.7	5.88	2.4	SR13	12/2/2018 11:45	22.47	78.9	5.48	6.6	SR13	12/2/2018 17:45	22.45	80.2	5.57	2.1	SR13	12/2/2018 23:45	22.42	80.6	5.60	2.2
SR13	12/2/2018 5:50	22.81	82.0	5.91	2.2	SR13	12/2/2018 11:50	22.43	81.8	5.67	2.0	SR13	12/2/2018 17:50	22.44	80.4	5.59	2.4	SR13	12/2/2018 23:50	22.41	81.1	5.64	2.6
SR13	12/2/2018 5:55	22.81	81.4	5.86	2.5	SR13	12/2/2018 11:55	22.44	81.0	5.62	3.8	SR13	12/2/2018 17:55	22.44	80.1	5.56	1.7	SR13	12/2/2018 23:55	22.43	80.6	5.59	2.4

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	12/2/2018 0:17	0.02				SR12	12/2/2018 0:17	0.01			
SR4	12/2/2018 0:37	0.01				SR12	12/2/2018 0:37	0.03			
SR4	12/2/2018 0:57	0.03				SR12	12/2/2018 0:57	0.02			
SR4	12/2/2018 1:17	0.01				SR12	12/2/2018 1:17	0.01			
SR4	12/2/2018 1:37	0.01				SR12	12/2/2018 1:37	0.02			
SR4	12/2/2018 1:57	0.01				SR12	12/2/2018 1:57	0.01			
SR4	12/2/2018 2:17	0.01				SR12	12/2/2018 2:17	0.04			
SR4	12/2/2018 2:37	0.03				SR12	12/2/2018 2:37	0.03			
SR4	12/2/2018 2:57	0.03				SR12	12/2/2018 2:57	0.02			
SR4	12/2/2018 3:17	0.02				SR12	12/2/2018 3:17	0.01			
SR4	12/2/2018 3:37	0.03				SR12	12/2/2018 3:37	0.01			
SR4	12/2/2018 3:57	0.03				SR12	12/2/2018 3:57	0.01			
SR4	12/2/2018 4:17	0.01				SR12	12/2/2018 4:17	0.04			
SR4	12/2/2018 4:37	0.01				SR12	12/2/2018 4:37	0.01			
SR4	12/2/2018 4:57	0.01				SR12	12/2/2018 4:57	0.01			
SR4	12/2/2018 5:17	0.01				SR12	12/2/2018 5:17	0.04			
SR4	12/2/2018 5:37	0.03				SR12	12/2/2018 5:37	0.02			
SR4	12/2/2018 5:57	0.01				SR12	12/2/2018 5:57	0.03			
SR4						SR12					
SR4	12/2/2018 6:37	0.02				SR12	12/2/2018 6:37	0.03			
SR4	12/2/2018 6:57	0.02				SR12	12/2/2018 6:57	0.02			
SR4	12/2/2018 7:17	0.02				SR12	12/2/2018 7:17	0.01			
SR4	12/2/2018 7:37	0.01				SR12	12/2/2018 7:37	0.01			
SR4	12/2/2018 7:57	0.01				SR12	12/2/2018 7:57	0.02			
SR4	12/2/2018 8:17	0.02				SR12	12/2/2018 8:17	0.01			
SR4	12/2/2018 8:37	0.03				SR12	12/2/2018 8:37	0.02			
SR4	12/2/2018 8:57	0.01				SR12	12/2/2018 8:57	0.05			
SR4	12/2/2018 9:17	0.03				SR12	12/2/2018 9:17	0.01			
SR4	12/2/2018 9:37	0.02				SR12	12/2/2018 9:37	0.02			
SR4	12/2/2018 9:57	0.03				SR12	12/2/2018 9:57	0.03			
SR4	12/2/2018 10:17	0.03				SR12	12/2/2018 10:17	0.05			
SR4	12/2/2018 10:37	0.01				SR12	12/2/2018 10:37	0.05			
SR4	12/2/2018 10:57	0.02				SR12	12/2/2018 10:57	0.06			
SR4	12/2/2018 11:17	0.01				SR12	12/2/2018 11:17	0.02			
SR4	12/2/2018 11:37	0.03				SR12	12/2/2018 11:37	0.05			
SR4	12/2/2018 11:57	0.03				SR12	12/2/2018 11:57	0.02			
SR4	12/2/2018 12:17	0.03				SR12	12/2/2018 12:17	0.02			
SR4	12/2/2018 12:37	0.01				SR12	12/2/2018 12:37	0.05			
SR4	12/2/2018 12:57	0.03				SR12	12/2/2018 12:57	0.05			
SR4	12/2/2018 13:17	0.02				SR12	12/2/2018 13:17	0.06			
SR4	12/2/2018 13:37	0.02				SR12	12/2/2018 13:37	0.04			
SR4	12/2/2018 13:57	0.03				SR12	12/2/2018 13:57	0.04			
SR4	12/2/2018 14:17	0.04				SR12	12/2/2018 14:17	0.06			
SR4	12/2/2018 14:37	0.05				SR12	12/2/2018 14:37	0.03			
SR4	12/2/2018 14:57	0.05				SR12	12/2/2018 14:57	0.04			
SR4	12/2/2018 15:17	0.03				SR12	12/2/2018 15:17	0.06			
SR4	12/2/2018 15:37	0.05				SR12	12/2/2018 15:37	0.02			
SR4	12/2/2018 15:57	0.04				SR12	12/2/2018 15:57	0.04			
SR4	12/2/2018 16:17	0.03				SR12	12/2/2018 16:17	0.03			
SR4	12/2/2018 16:37	0.04				SR12	12/2/2018 16:37	0.03			
SR4	12/2/2018 16:57	0.05				SR12	12/2/2018 16:57	0.06			
SR4	12/2/2018 17:17	0.04				SR12	12/2/2018 17:17	0.05			
SR4	12/2/2018 17:37	0.04				SR12	12/2/2018 17:37	0.03			
SR4	12/2/2018 17:57	0.05				SR12	12/2/2018 17:57	0.03			
SR4	12/2/2018 18:17	0.04				SR12	12/2/2018 18:17	0.04			
SR4	12/2/2018 18:37	0.04				SR12	12/2/2018 18:37	0.03			
SR4	12/2/2018 18:57	0.04				SR12	12/2/2018 18:57	0.06			
SR4	12/2/2018 19:17	0.05				SR12	12/2/2018 19:17	0.03			
SR4	12/2/2018 19:37	0.03				SR12	12/2/2018 19:37	0.05			
SR4	12/2/2018 19:57	0.03				SR12	12/2/2018 19:57	0.06			
SR4	12/2/2018 20:17	0.05				SR12	12/2/2018 20:17	0.08			
SR4	12/2/2018 20:37	0.05				SR12	12/2/2018 20:37	0.06			
SR4	12/2/2018 20:57	0.04				SR12	12/2/2018 20:57	0.03			
SR4	12/2/2018 21:17	0.04				SR12	12/2/2018 21:17	0.05			
SR4	12/2/2018 21:37	0.03				SR12	12/2/2018 21:37	0.07			
SR4	12/2/2018 21:57	0.03				SR12	12/2/2018 21:57	0.07			
SR4	12/2/2018 22:17	0.05				SR12	12/2/2018 22:17	0.06			
SR4	12/2/2018 22:37	0.05				SR12	12/2/2018 22:37	0.08			
SR4	12/2/2018 22:57	0.07				SR12	12/2/2018 22:57	0.04			
SR4	12/2/2018 23:17	0.04				SR12	12/2/2018 23:17	0.06			
SR4	12/2/2018 23:37	0.06				SR12	12/2/2018 23:37	0.06			
SR4	12/2/2018 23:57	0.06				SR12	12/2/2018 23:57	0.06			

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

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/3/2018 0:01	22.71	75.2	5.44	4.4	SR4	12/3/2018 6:01	22.63	74.0	5.35	5.0	SR4	12/3/2018 12:01	22.99	78.0	5.59	1.5	SR4	12/3/2018 18:01	22.83	78.8	5.66	4.2
SR4	12/3/2018 0:06	22.73	70.0	5.06	2.8	SR4	12/3/2018 6:06	22.63	77.0	5.56	5.2	SR4	12/3/2018 12:06	23.09	77.1	5.52	5.1	SR4	12/3/2018 18:06	22.83	77.9	5.60	1.0
SR4	12/3/2018 0:11	22.70	73.6	5.32	2.0	SR4	12/3/2018 6:11	22.64	77.1	5.57	2.7	SR4	12/3/2018 12:11	23.11	77.2	5.52	3.0	SR4	12/3/2018 18:11	22.83	78.1	5.61	4.8
SR4	12/3/2018 0:16	22.73	75.7	5.47	4.9	SR4	12/3/2018 6:16	22.65	77.2	5.58	2.5	SR4	12/3/2018 12:16	23.06	77.4	5.55	4.3	SR4	12/3/2018 18:16	22.83	78.1	5.62	1.5
SR4	12/3/2018 0:21	22.72	74.7	5.39	4.4	SR4	12/3/2018 6:21	22.65	75.8	5.48	5.1	SR4	12/3/2018 12:21	22.99	76.9	5.52	3.6	SR4	12/3/2018 18:21	22.82	77.7	5.59	2.0
SR4	12/3/2018 0:26	22.72	74.9	5.41	4.8	SR4	12/3/2018 6:26	22.66	77.0	5.56	3.6	SR4	12/3/2018 12:26	23.04	77.8	5.57	3.5	SR4	12/3/2018 18:26	22.82	78.1	5.61	1.9
SR4	12/3/2018 0:31	22.72	76.3	5.51	4.7	SR4	12/3/2018 6:31	22.65	75.1	5.42	2.0	SR4	12/3/2018 12:31	23.02	78.0	5.59	1.3	SR4	12/3/2018 18:31	22.82	76.4	5.49	4.0
SR4	12/3/2018 0:36	22.72	76.2	5.50	1.0	SR4	12/3/2018 6:36	22.66	75.6	5.46	4.8	SR4	12/3/2018 12:36	23.05	78.2	6.58	3.8	SR4	12/3/2018 18:36	22.82	75.7	5.44	4.8
SR4	12/3/2018 0:41	22.72	77.5	5.60	3.4	SR4	12/3/2018 6:41	22.65	76.2	5.50	3.7	SR4	12/3/2018 12:41	23.19	80.2	5.73	3.2	SR4	12/3/2018 18:41	22.82	75.8	5.45	3.4
SR4	12/3/2018 0:46	22.71	78.3	5.65	3.8	SR4	12/3/2018 6:46	22.64	76.1	5.50	3.4	SR4	12/3/2018 12:46	23.12	79.8	5.71	2.2	SR4	12/3/2018 18:46	22.82	74.6	5.36	4.6
SR4	12/3/2018 0:51	22.71	77.7	5.60	4.1	SR4	12/3/2018 6:51	22.65	76.1	5.49	3.3	SR4	12/3/2018 12:51	23.11	79.7	5.71	3.9	SR4	12/3/2018 18:51	22.80	76.0	5.46	1.4
SR4	12/3/2018 0:56	22.71	77.8	5.62	5.1	SR4	12/3/2018 6:56	22.65	76.7	5.54	2.1	SR4	12/3/2018 12:56	23.49	78.7	5.60	3.4	SR4	12/3/2018 18:56	22.81	73.7	5.30	5.2
SR4	12/3/2018 1:01	22.71	77.4	5.58	1.8	SR4	12/3/2018 7:01	22.66	76.7	5.54	4.5	SR4	12/3/2018 13:01	23.37	78.2	5.57	2.5	SR4	12/3/2018 19:01	22.81	75.4	5.42	3.5
SR4	12/3/2018 1:06	22.71	76.6	5.53	3.3	SR4	12/3/2018 7:06	22.65	76.2	5.51	1.6	SR4	12/3/2018 13:06	23.71	63.0	4.50	1.6	SR4	12/3/2018 19:06	22.80	74.5	5.35	3.4
SR4	12/3/2018 1:11	22.68	74.1	5.35	3.4	SR4	12/3/2018 7:11	22.65	76.6	5.53	5.1	SR4	12/3/2018 13:11	24.14	57.8	3.85	1.2	SR4	12/3/2018 19:11	22.79	74.9	5.38	4.5
SR4	12/3/2018 1:16	22.66	73.4	5.31	3.6	SR4	12/3/2018 7:16	22.64	74.8	5.41	4.8	SR4	12/3/2018 13:16	24.05	53.0	3.53	2.0	SR4	12/3/2018 19:16	22.78	74.3	5.34	3.1
SR4	12/3/2018 1:21	22.69	73.0	5.27	2.7	SR4	12/3/2018 7:21	22.64	74.7	5.40	5.0	SR4						SR4	12/3/2018 19:21	22.78	75.4	5.42	3.5
SR4	12/3/2018 1:26	22.68	73.7	5.32	5.4	SR4	12/3/2018 7:26	22.64	75.0	5.41	2.0	SR4						SR4	12/3/2018 19:26	22.78	75.0	5.39	3.7
SR4	12/3/2018 1:31	22.70	75.6	5.46	5.1	SR4	12/3/2018 7:31	22.65	75.3	5.44	1.9	SR4						SR4	12/3/2018 19:31	22.78	73.8	5.30	3.2
SR4	12/3/2018 1:36	22.70	77.1	5.56	1.4	SR4	12/3/2018 7:36	22.65	76.2	5.50	2.9	SR4						SR4	12/3/2018 19:36	22.78	71.5	5.14	2.2
SR4	12/3/2018 1:41	22.70	77.7	5.61	2.5	SR4	12/3/2018 7:41	22.65	75.9	5.48	4.0	SR4						SR4	12/3/2018 19:41	22.78	72.4	5.20	4.5
SR4	12/3/2018 1:46	22.69	78.8	5.69	3.2	SR4	12/3/2018 7:46	22.65	74.5	5.38	3.9	SR4						SR4	12/3/2018 19:46	22.80	71.9	5.17	3.6
SR4	12/3/2018 1:51	22.69	78.4	5.66	4.8	SR4	12/3/2018 7:51	22.65	73.0	5.27	4.9	SR4						SR4	12/3/2018 19:51	22.78	74.7	5.38	2.7
SR4	12/3/2018 1:56	22.67	80.1	5.78	1.9	SR4	12/3/2018 7:56	22.66	74.5	5.38	3.9	SR4						SR4	12/3/2018 19:56	22.78	74.6	5.36	5.1
SR4	12/3/2018 2:01	22.66	80.8	5.83	1.4	SR4	12/3/2018 8:01	22.62	79.1	5.72	3.6	SR4						SR4	12/3/2018 20:01	22.78	76.9	5.53	3.1
SR4	12/3/2018 2:06	22.65	80.8	5.83	3.4	SR4	12/3/2018 8:06	22.62	81.0	5.85	4.9	SR4						SR4	12/3/2018 20:06	22.77	78.8	5.67	1.9
SR4	12/3/2018 2:11	22.66	80.9	5.84	2.3	SR4	12/3/2018 8:11	22.62	81.1	5.86	5.0	SR4						SR4	12/3/2018 20:11	22.77	79.3	5.70	3.3
SR4	12/3/2018 2:16	22.67	79.6	5.75	2.0	SR4	12/3/2018 8:16	22.62	81.0	5.85	5.4	SR4	12/3/2018 14:16	23.62	64.6	4.61	5.0	SR4	12/3/2018 20:16	22.78	76.0	5.46	1.9
SR4	12/3/2018 2:21	22.67	77.2	5.58	4.5	SR4	12/3/2018 8:21	22.62	81.7	5.91	1.8	SR4	12/3/2018 14:21	23.56	71.9	5.12	4.0	SR4	12/3/2018 20:21	22.78	74.5	5.36	2.6
SR4	12/3/2018 2:26	22.66	75.6	5.46	2.1	SR4	12/3/2018 8:26	22.63	80.8	5.84	2.1	SR4	12/3/2018 14:26	23.85	55.3	3.94	2.0	SR4	12/3/2018 20:26	22.77	76.7	5.52	2.5
SR4	12/3/2018 2:31	22.67	75.7	5.46	4.0	SR4	12/3/2018 8:31	22.63	80.4	5.81	1.2	SR4	12/3/2018 14:31	23.89	60.0	4.26	1.7	SR4	12/3/2018 20:31	22.78	78.0	5.61	2.3
SR4	12/3/2018 2:36	22.67	74.4	5.37	3.2	SR4	12/3/2018 8:36	22.65	80.0	5.78	4.3	SR4	12/3/2018 14:36	23.37	76.3	5.45	1.7	SR4	12/3/2018 20:36	22.78	76.2	5.48	2.2
SR4	12/3/2018 2:41	22.67	75.3	5.44	2.0	SR4	12/3/2018 8:41	22.65	79.8	5.77	3.6	SR4	12/3/2018 14:41	23.11	80.0	5.73	3.2	SR4	12/3/2018 20:41	22.77	77.0	5.54	3.1
SR4	12/3/2018 2:46	22.67	77.6	5.60	1.8	SR4	12/3/2018 8:46	22.66	81.1	5.86	3.1	SR4	12/3/2018 14:46	23.07	81.2	5.82	4.6	SR4	12/3/2018 20:46	22.77	78.1	5.62	2.8
SR4	12/3/2018 2:51	22.67	76.5	5.52	4.4	SR4	12/3/2018 8:51	22.67	80.5	5.82	4.8	SR4	12/3/2018 14:51	23.04	81.2	5.82	1.3	SR4	12/3/2018 20:51	22.77	79.3	5.70	4.3
SR4	12/3/2018 2:56	22.66	76.3	5.51	4.1	SR4	12/3/2018 8:56	22.66	79.5	5.75	1.9	SR4	12/3/2018 14:56	22.93	81.5	5.85	3.9	SR4	12/3/2018 20:56	22.77	78.2	5.63	1.9
SR4	12/3/2018 3:01	22.66	76.7	5.54	1.7	SR4	12/3/2018 9:01	22.68	80.4	5.80	1.8	SR4	12/3/2018 15:01	22.95	82.5	5.92	2.8	SR4	12/3/2018 21:01	22.77	79.9	5.75	2.4
SR4	12/3/2018 3:06	22.66	76.7	5.54	1.8	SR4	12/3/2018 9:06	22.70	77.0	5.56	4.8	SR4	12/3/2018 15:06	22.95	82.7	5.93	4.5	SR4	12/3/2018 21:06	22.77	78.5	5.65	1.6
SR4	12/3/2018 3:11	22.66	77.0	5.56	2.6	SR4	12/3/2018 9:11	22.71	78.2	5.64	4.4	SR4	12/3/2018 15:11	22.95	82.3	5.90	1.9	SR4	12/3/2018 21:11	22.77	80.5	5.79	5.2
SR4	12/3/2018 3:16	22.64	78.9	5.70	4.5	SR4	12/3/2018 9:16	22.70	80.1	5.77	1.3	SR4	12/3/2018 15:16	23.01	82.3	5.90	2.1	SR4	12/3/2018 21:16	22.76	80.0	5.75	1.3
SR4	12/3/2018 3:21	22.63	79.5	5.74	1.4	SR4	12/3/2018 9:21	22.70	78.0	5.63	3.1	SR4	12/3/2018 15:21	23.00	83.2	5.97	3.7	SR4	12/3/2018 21:21	22.77	78.5	5.65	4.8
SR4	12/3/2018 3:26	22.62	80.5	5.81	4.8	SR4	12/3/2018 9:26	22.71	79.1	5.70	4.7	SR4	12/3/2018 15:26	22.94	82.7	5.93	3.5	SR4	12/3/2018 21:26	22.77	78.8	5.67	2.6
SR4	12/3/2018 3:31	22.61	80.9	5.84	1.5	SR4	12/3/2018 9:31	22.74	79.2	5.71	3.8	SR4	12/3/2018 15:31	22.89	83.4	5.99	4.3	SR4	12/3/2018 21:31	22.75	80.8	5.82	1.4
SR4	12/3/2018 3:36	22.60	80.4	5.80	1.9	SR4	12/3/2018 9:36	22.76	77.3	5.57	3.0	SR4	12/3/2018 15:36	22.96	82.8	5.94	1.2	SR4	12/3/2018 21:36	22.74	79.7	5.73	3.3
SR4	12/3/2018 3:41	22.61	80.2	5.80	5.2	SR4	12/3/2018 9:41	22.78	78.3	5.64	5.1	SR4	12/3/2018 15:41	22.89	82.7	5.94	4.2	SR4	12/3/2018 21:41	22.75	78.6	5.66	2.4
SR4	12/3/2018 3:46	22.61	79.6	5.76	2.4	SR4	12/3/2018 9:46	22.77	77.9	5.61	4.2	SR4	12/3/2018 15:46	22.87	82.2	5.90	2.1	SR4	12/3/2018 21:46	22.77	78.8	5.67	3.6
SR4	12/3/2018 3:51	22.61	80.0	5.78	3.2	SR4	12/3/2018 9:51	22.75	78.5	5.66	4.7	SR4	12/3/2018 15:51	22.87	82.3	5.91	2.6	SR4	12/3/2018 21:51	22.76	78.3	5.64	3.4
SR4	12/3/2018 3:56	22.62	78.9	5.70	2.2	SR4	12/3/2018 9:56	22.72	78.1	5.63	4.7	SR4	12/3/2018 15:56	22.87	82.2	5.90	4.7	SR4	12/3/2018 21:56	22.76	79.0	5.68	3.4
SR4	12/3/2018 4:01	22.62	80.1	5.79	3.3	SR4	12/3/2018 10:01	22.71	79.7	5.74	2.0	SR4	12/3/2018 16:01	22.87	81.5	5.86	2.1	SR4	12/3/2018 22:01	22.78	76.8	5.53	2.0
SR4	12/3/2018 4:06	22.61	77.8	5.62	2.0	SR4	12/3/2018 10:06	22.73	76.9	5.54	4.9	SR4	12/3/2018 16:06	22.94	79.8	5.73	5.3	SR4	12/3/2018 22:06	22.78	77.4	5.57	1.8
SR4	12/3/2018 4:11	22.62	78.1	5.65	3.4	SR4	12/3/2018 10:11	22.70	78.6	5.67	3.2	SR4	12/3/2018 16:11	22.86	79.0	5.68	4.9	SR4	12/3/2018 22:11	22.80	77.4	5.57	1.9
SR4	12/3/2018 4:16	22.62	79.9	5.78	3.6	SR4	12/3/2018 10:16	22.76	78.8	5.68	1.4	SR4	12/3/2018 16:16	22.87	80.0	5.74	5.4	SR4	12/3/2018 22:16	22.80	77.1	5.55	2.3
SR4	12/3/2018 4:21	22.62	79.2	5.73	1.3	SR4	12/3/2018 10:21	22.71	72.5	5.59	**13.5**	SR4	12/3/2018 16:21	22.87	81.2	5.83	2.3	SR4	12/3/2018 22:21	22.80	76.7	5.52	3.0
SR4	12/3/2018 4:26	22.62	78.7	5.69	2.1	SR4	12/3/2018 10:26	22.74	80.1	5.77	2.0	SR4	12/3/2018 16:26	22.90	81.4	5.84	4.2	SR4	12/3/2018 22:26	22.83	74.7	5.37	5.2
SR4	12/3/2018 4:31	22.61	77.2	5.58	1.9	SR4	12/3/2018 10:31	22.83	80.6	5.80	4.3	SR4	12/3/2018 16:31	22.87	82.1	5.90	3.8	SR4	12/3/2018 22:31	22.81	77.2	5.55	3.0
SR4	12/3/2018 4:36	22.61	77.8	5.63	5.3	SR4	12/3/2018 10:36	22.92	79.8	5.74	1.9	SR4	12/3/2018 16:36	22.88	81.9	5.88	4.7	SR4	12/3/2018 22:36	22.80	77.7	5.59	5.3
SR4	12/3/2018 4:41	22.62	74.5	5.39	2.5	SR4	12/3/2018 10:41	22.92	74.9	5.38	4.0	SR4	12/3/2018 16:41	22.89	81.7	5.87	1.2	SR4	12/3/2018 22:41	22.80	76.9	5.53	3.6
SR4	12/3/2018 4:46	22.61	77.1	5.58	4.4	SR4	12/3/2018 10:46	22.88	77.3	5.56	3.8	SR4	12/3/2018 16:46	22.87	81.3	5.84	3.3	SR4	12/3/2018 22:46	22.79	78.6	5.66	1.8
SR4	12/3/2018 4:51	22.62	76.7	5.55	2.5	SR4	12/3/2018 10:51	22.93	76.8	5.52	1.9	SR4	12/3/2018 16:51	22.88	80.7	5.80	1.2	SR4	12/3/2018 22:51	22.79	78.6	5.65	1.6
SR4	12/3/2018 4:56	22.62	78.4	5.67	5.1	SR4	12/3/2018 10:56	22.85	78.9	5.68	1.5	SR4	12/3/2018 16:56	22.88	80.4	5.78	3.0	SR4	12/3/2018 22:56	22.78	78.1	5.62	4.4
SR4	12/3/2018 5:01	22.62	79.4	5.74	4.8	SR4	12/3/2018 11:01	22.86	79.5	5.73	3.3	SR4	12/3/2018 17:01	22.86	81.2	5.83	2.6	SR4	12/3/2018 23:01	22.77	78.8	5.67	4.2
SR4	12/3/2018 5:06	22.62	79.1	5.72	2.2	SR4	12/3/2018 11:06	22.88	79.5	5.72	**14.8**	SR4	12/3/2018 17:06	22.86	81.6	5.86	4.9	SR4	12/3/2018 23:06	22.77	79.0	5.69	3.0
SR4	12/3/2018 5:11	22.63	79.0	5.71	5.2	SR4	12/3/2018 11:11	22.90	79.7	5.73	2.5	SR4	12/3/2018 17:11	22.86	81.7	5.87	3.1	SR4	12/3/2018 23:11	22.78	78.3	5.63	1.6
SR4	12/3/2018 5:16	22.63	78.9	5.71	1.3	SR4	12/3/2018 11:16	22.92	79.3	5.70	4.1	SR4	12/3/2018 17:16	22.85	81.4	5.85	1.8	SR4	12/3/2018 23:16	22.78	78.1	5.62	4.4
SR4	12/3/2018 5:21	22.63	78.0	5.64	1.7	SR4	12/3/2018 11:21	22.93	79.1	5.68	4.0	SR4	12/3/2018 17:21	22.84	80.6	5.79	5.0	SR4	12/3/2018 23:21	22.78	77.1	5.55	4.2
SR4	12/3/2018 5:26	22.63	76.0	5.50	1.3	SR4	12/3/2018 11:26	22.91	79.3	5.70	1.5	SR4	12/3/2018 17:26	22.85	81.1	5.83	2.0	SR4	12/3/2018 23:26	22.77	77.2	5.56	2.1
SR4	12/3/2018 5:31	22.62	75.7	5.47	2.6	SR4	12/3/2018 11:31	22.99	79.8	5.73	4.5	SR4	12/3/2018 17:31	22.86	80.1	5.75	1.0	SR4	12/3/2018 23:31	22.77	75.0	5.40	2.5
SR4	12/3/2018 5:36	22.63	76.3	5.51	4.9	SR4	12/3/2018 11:36	23.35	77.5	5.54	3.2	SR4	12/3/2018 17:36	22.86	79.6	5.72	4.9	SR4	12/3/2018 23:36	22.79	76.3	5.49	4.7
SR4	12/3/2018 5:41	22.63	76.7	5.54	2.6	SR4	12/3/2018 11:41	23.08	78.4	5.64	4.8	SR4	12/3/2018 17:41	22.84	80.2	5.76	1.3	SR4	12/3/2018 23:41	22.79	75.8	5.45	4.5
SR4	12/3/2018 5:46	22.63	75.7	5.47	3.4	SR4	12/3/2018 11:46	23.01	78.5	5.65	1.6	SR4	12/3/2018 17:46	22.83	80.2	5.76	1.3	SR4	12/3/2018 23:46	22.79	76.2	5.48	4.9
SR4	12/3/2018 5:51	22.63	76.7	5.54	3.9	SR4	12/3/2018 11:51	22.99	78.3	5.62	4.6	SR4	12/3/2018 17:51	22.84	79.3	5.70	1.1	SR4	12/3/2018 23:51	22.81	74.5	5.36	2.5
SR4	12/3/2018 5:56	22.63	75.5	5.45	4.6	SR4	12/3/2018 11:56	22.98	77.8	5.58	4.6	SR4	12/3/2018 17:56	22.83	79.5	5.71	1.0	SR4	12/3/2018 23:56	22.84	72.0	5.17	2.8

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/3/2018 0:00	22.97	93.8	6.65	3.4	SR5	12/3/2018 6:00	22.95	93.2	6.61	3.4	SR5	12/3/2018 12:00	23.07	94.5	6.69	2.1	SR5	12/3/2018 18:00	23.04	93.8	6.64	3.3
SR5	12/3/2018 0:05	22.98	93.7	6.64	3.8	SR5	12/3/2018 6:05	22.94	93.9	6.66	4.4	SR5	12/3/2018 12:05	23.06	94.6	6.69	4.5	SR5	12/3/2018 18:05	23.06	92.5	6.55	2.6
SR5	12/3/2018 0:10	23.01	94.8	6.72	3.3	SR5	12/3/2018 6:10	22.96	92.1	6.53	3.2	SR5	12/3/2018 12:10	23.09	95.0	6.72	3.4	SR5	12/3/2018 18:10	23.06	94.0	6.66	4.8
SR5	12/3/2018 0:15	23.02	95.5	6.77	3.2	SR5	12/3/2018 6:15	22.94	92.1	6.53	2.9	SR5	12/3/2018 12:15	23.04	94.0	6.66	2.9	SR5	12/3/2018 18:15	23.06	93.2	6.60	2.4
SR5	12/3/2018 0:20	23.02	94.1	6.67	3.2	SR5	12/3/2018 6:20	22.99	93.3	6.62	3.5	SR5	12/3/2018 12:20	23.06	95.9	6.80	4.0	SR5	12/3/2018 18:20	23.03	92.8	6.58	3.1
SR5	12/3/2018 0:25	23.01	94.2	6.68	2.7	SR5	12/3/2018 6:25	22.98	93.3	6.62	3.5	SR5	12/3/2018 12:25	23.08	94.6	6.70	3.8	SR5	12/3/2018 18:25	23.01	94.7	6.71	2.0
SR5	12/3/2018 0:30	22.98	95.6	6.78	4.5	SR5	12/3/2018 6:30	23.00	91.7	6.50	3.0	SR5	12/3/2018 12:30	23.11	96.5	6.83	2.6	SR5	12/3/2018 18:30	23.00	92.7	6.56	3.3
SR5	12/3/2018 0:35	22.97	95.0	6.74	1.6	SR5	12/3/2018 6:35	23.00	93.4	6.62	4.1	SR5	12/3/2018 12:35	23.11	95.4	7.00	3.8	SR5	12/3/2018 18:35	23.06	92.0	6.52	2.4
SR5	12/3/2018 0:40	22.96	95.1	6.75	2.3	SR5	12/3/2018 6:40	22.95	94.0	6.66	3.0	SR5	12/3/2018 12:40	23.14	96.9	6.86	3.1	SR5	12/3/2018 18:40	23.00	94.0	6.66	3.9
SR5	12/3/2018 0:45	23.00	96.6	6.85	4.7	SR5	12/3/2018 6:45	22.96	91.9	6.52	4.1	SR5	12/3/2018 12:45	23.08	95.8	6.78	2.2	SR5	12/3/2018 18:45	23.03	91.7	6.49	2.1
SR5	12/3/2018 0:50	22.99	94.7	6.72	4.4	SR5	12/3/2018 6:50	22.99	92.5	6.56	1.8	SR5	12/3/2018 12:50	23.07	96.1	6.81	4.2	SR5	12/3/2018 18:50	23.03	92.7	6.57	3.5
SR5	12/3/2018 0:55	22.99	94.9	6.73	3.1	SR5	12/3/2018 6:55	23.00	92.2	6.54	2.7	SR5	12/3/2018 12:55	23.16	95.1	6.72	2.7	SR5	12/3/2018 18:55	23.03	91.4	6.47	3.4
SR5	12/3/2018 1:00	22.98	93.9	6.66	3.1	SR5	12/3/2018 7:00	22.98	94.2	6.68	4.6	SR5	12/3/2018 13:00	23.14	96.6	6.83	3.5	SR5	12/3/2018 19:00	23.05	92.0	6.51	3.1
SR5	12/3/2018 1:05	22.95	94.9	6.73	3.5	SR5	12/3/2018 7:05	23.00	92.4	6.56	3.2	SR5	12/3/2018 13:05	23.28	91.9	6.50	3.6	SR5	12/3/2018 19:05	22.99	91.6	6.49	1.8
SR5	12/3/2018 1:10	22.93	93.5	6.63	3.4	SR5	12/3/2018 7:10	23.00	93.0	6.59	4.1	SR5	12/3/2018 13:10	23.35	91.3	6.39	1.7	SR5	12/3/2018 19:10	23.04	92.4	6.54	3.8
SR5	12/3/2018 1:15	22.94	92.9	6.59	5.8	SR5	12/3/2018 7:15	22.98	92.6	6.57	2.5	SR5	12/3/2018 13:15	23.36	90.5	6.34	1.6	SR5	12/3/2018 19:15	23.05	91.7	6.50	3.5
SR5	12/3/2018 1:20	22.96	93.4	6.63	1.8	SR5	12/3/2018 7:20	22.99	93.2	6.61	2.2	SR5	12/3/2018 13:20	23.35	91.3	6.39	3.0	SR5	12/3/2018 19:20	23.02	92.1	6.52	2.9
SR5	12/3/2018 1:25	23.00	93.2	6.61	3.9	SR5	12/3/2018 7:25	22.95	91.8	6.51	2.7	SR5	12/3/2018 13:25	23.20	93.4	6.60	2.3	SR5	12/3/2018 19:25	23.04	93.7	6.64	2.9
SR5	12/3/2018 1:30	22.96	93.5	6.63	3.0	SR5	12/3/2018 7:30	22.99	92.9	6.58	3.1	SR5	12/3/2018 13:30	23.17	94.6	6.69	2.7	SR5	12/3/2018 19:30	23.03	91.8	6.50	4.5
SR5	12/3/2018 1:35	22.94	94.1	6.67	4.3	SR5	12/3/2018 7:35	22.99	94.5	6.70	3.3	SR5	12/3/2018 13:35	23.42	89.7	6.28	2.4	SR5	12/3/2018 19:35	23.02	92.8	6.57	3.1
SR5	12/3/2018 1:40	22.99	94.4	6.69	2.3	SR5	12/3/2018 7:40	22.96	92.7	6.57	3.2	SR5	12/3/2018 13:40	23.26	91.5	6.47	1.7	SR5	12/3/2018 19:40	22.98	92.8	6.57	3.3
SR5	12/3/2018 1:45	22.94	96.0	6.81	4.0	SR5	12/3/2018 7:45	22.98	93.4	6.62	3.1	SR5	12/3/2018 13:45	23.09	94.2	6.67	2.4	SR5	12/3/2018 19:45	23.04	92.0	6.51	3.6
SR5	12/3/2018 1:50	22.99	94.3	6.69	4.3	SR5	12/3/2018 7:50	22.98	92.0	6.52	2.9	SR5	12/3/2018 13:50	23.09	96.9	6.86	1.8	SR5	12/3/2018 19:50	23.01	92.8	6.57	2.9
SR5	12/3/2018 1:55	22.95	96.1	6.82	2.0	SR5	12/3/2018 7:55	22.94	92.3	6.55	3.9	SR5	12/3/2018 13:55	23.07	95.4	6.76	1.9	SR5	12/3/2018 19:55	23.00	92.8	6.57	3.5
SR5	12/3/2018 2:00	22.97	96.5	6.85	3.3	SR5	12/3/2018 8:00	23.00	92.9	6.59	4.5	SR5	12/3/2018 14:00	23.23	93.8	6.63	2.6	SR5	12/3/2018 20:00	23.30	92.3	6.59	2.9
SR5	12/3/2018 2:05	22.93	96.9	6.87	4.0	SR5	12/3/2018 8:05	22.97	93.7	6.65	2.1	SR5	12/3/2018 14:05	23.11	94.4	6.68	3.1	SR5	12/3/2018 20:05	23.25	92.3	6.60	3.0
SR5	12/3/2018 2:10	22.97	95.6	6.78	4.4	SR5	12/3/2018 8:10	23.00	94.7	6.72	4.2	SR5	12/3/2018 14:10	23.32	90.9	6.43	4.4	SR5	12/3/2018 20:10	23.24	92.4	6.60	4.1
SR5	12/3/2018 2:15	23.01	95.5	6.77	2.6	SR5	12/3/2018 8:15	22.96	95.8	6.80	4.0	SR5	12/3/2018 14:15	23.26	93.4	6.60	3.2	SR5	12/3/2018 20:15	23.29	93.5	6.68	3.7
SR5	12/3/2018 2:20	22.94	95.3	6.76	2.6	SR5	12/3/2018 8:20	22.95	93.7	6.65	1.9	SR5	12/3/2018 14:20	23.22	92.7	6.55	3.2	SR5	12/3/2018 20:20	23.30	92.9	6.64	1.9
SR5	12/3/2018 2:25	22.99	94.0	6.67	2.7	SR5	12/3/2018 8:25	22.98	96.0	6.81	2.7	SR5	12/3/2018 14:25	23.30	88.8	6.28	2.3	SR5	12/3/2018 20:25	23.27	93.1	6.65	3.7
SR5	12/3/2018 2:30	22.98	93.9	6.66	4.6	SR5	12/3/2018 8:30	22.95	95.6	6.78	3.3	SR5	12/3/2018 14:30	23.27	90.7	6.40	2.4	SR5	12/3/2018 20:30	23.26	92.6	6.62	2.3
SR5	12/3/2018 2:35	22.99	94.2	6.68	3.1	SR5	12/3/2018 8:35	22.97	93.6	6.64	4.7	SR5	12/3/2018 14:35	23.14	95.3	6.74	3.0	SR5	12/3/2018 20:35	23.30	91.8	6.56	2.9
SR5	12/3/2018 2:40	22.95	94.8	6.72	2.1	SR5	12/3/2018 8:40	22.97	95.1	6.75	4.7	SR5	12/3/2018 14:40	23.11	96.9	6.86	3.5	SR5	12/3/2018 20:40	23.30	92.9	6.64	3.8
SR5	12/3/2018 2:45	22.93	94.6	6.71	4.5	SR5	12/3/2018 8:45	23.00	93.6	6.64	3.1	SR5	12/3/2018 14:45	23.12	95.5	6.76	5.2	SR5	12/3/2018 20:45	23.26	92.3	6.60	3.9
SR5	12/3/2018 2:50	22.94	93.6	6.64	4.6	SR5	12/3/2018 8:50	22.96	93.3	6.62	3.3	SR5	12/3/2018 14:50	23.05	94.8	6.71	3.9	SR5	12/3/2018 20:50	23.25	92.0	6.57	2.6
SR5	12/3/2018 2:55	22.97	94.8	6.72	3.3	SR5	12/3/2018 8:55	22.99	93.5	6.63	2.4	SR5	12/3/2018 14:55	23.08	95.4	6.76	2.9	SR5	12/3/2018 20:55	23.28	92.2	6.59	2.7
SR5	12/3/2018 3:00	22.95	94.7	6.72	2.1	SR5	12/3/2018 9:00	22.97	94.7	6.72	3.8	SR5	12/3/2018 15:00	23.08	96.7	6.85	2.4	SR5	12/3/2018 21:00	23.23	94.3	6.74	2.0
SR5	12/3/2018 3:05	22.97	93.4	6.63	3.1	SR5	12/3/2018 9:05	22.98	94.8	6.72	2.9	SR5	12/3/2018 15:05	23.05	97.0	6.87	2.7	SR5	12/3/2018 21:05	23.26	93.9	6.71	3.6
SR5	12/3/2018 3:10	22.95	94.2	6.68	2.5	SR5	12/3/2018 9:10	22.98	95.3	6.75	2.6	SR5	12/3/2018 15:10	23.06	94.8	6.71	3.2	SR5	12/3/2018 21:10	23.24	92.9	6.64	4.1
SR5	12/3/2018 3:15	22.93	93.7	6.65	2.9	SR5	12/3/2018 9:15	22.97	93.6	6.63	3.7	SR5	12/3/2018 15:15	23.07	96.0	6.80	3.1	SR5	12/3/2018 21:15	23.25	92.6	6.62	3.4
SR5	12/3/2018 3:20	22.93	94.9	6.73	3.9	SR5	12/3/2018 9:20	23.02	93.4	6.62	3.8	SR5	12/3/2018 15:20	23.11	95.1	6.74	4.1	SR5	12/3/2018 21:20	23.27	92.9	6.64	3.2
SR5	12/3/2018 3:25	22.96	93.7	6.65	3.3	SR5	12/3/2018 9:25	22.99	94.2	6.68	4.3	SR5	12/3/2018 15:25	23.06	96.8	6.86	5.8	SR5	12/3/2018 21:25	23.29	94.4	6.75	3.0
SR5	12/3/2018 3:30	22.94	94.9	6.73	1.6	SR5	12/3/2018 9:30	23.02	95.1	6.74	3.3	SR5	12/3/2018 15:30	23.01	96.5	6.84	4.4	SR5	12/3/2018 21:30	23.25	94.4	6.75	3.9
SR5	12/3/2018 3:35	22.99	94.6	6.71	2.2	SR5	12/3/2018 9:35	23.04	93.3	6.61	2.3	SR5	12/3/2018 15:35	23.04	96.2	6.81	1.8	SR5	12/3/2018 21:35	23.24	95.0	6.79	3.7
SR5	12/3/2018 3:40	22.94	94.9	6.73	2.9	SR5	12/3/2018 9:40	23.01	93.8	6.65	5.2	SR5	12/3/2018 15:40	23.02	96.7	6.85	4.4	SR5	12/3/2018 21:40	23.21	94.5	6.76	2.5
SR5	12/3/2018 3:45	22.95	94.1	6.68	3.7	SR5	12/3/2018 9:45	22.98	95.3	6.75	2.2	SR5	12/3/2018 15:45	23.08	95.7	6.78	2.5	SR5	12/3/2018 21:45	23.22	93.6	6.69	3.3
SR5	12/3/2018 3:50	22.93	94.1	6.68	4.3	SR5	12/3/2018 9:50	23.00	95.3	6.76	4.3	SR5	12/3/2018 15:50	23.04	95.8	6.79	2.0	SR5	12/3/2018 21:50	23.28	93.3	6.67	4.0
SR5	12/3/2018 3:55	22.95	93.2	6.61	1.9	SR5	12/3/2018 9:55	23.01	95.4	6.76	5.0	SR5	12/3/2018 15:55	23.04	95.0	6.73	2.4	SR5	12/3/2018 21:55	23.24	93.1	6.65	3.8
SR5	12/3/2018 4:00	22.99	93.6	6.64	2.6	SR5	12/3/2018 10:00	22.96	95.8	6.79	3.5	SR5	12/3/2018 16:00	23.03	94.3	6.68	2.4	SR5	12/3/2018 22:00	23.23	93.0	6.65	1.8
SR5	12/3/2018 4:05	22.95	93.4	6.63	4.4	SR5	12/3/2018 10:05	23.02	94.5	6.70	4.8	SR5	12/3/2018 16:05	23.06	95.7	6.77	4.8	SR5	12/3/2018 22:05	23.24	94.7	6.77	1.8
SR5	12/3/2018 4:10	22.98	94.6	6.72	2.3	SR5	12/3/2018 10:10	22.99	96.0	6.81	4.3	SR5	12/3/2018 16:10	23.02	93.6	6.63	2.3	SR5	12/3/2018 22:10	23.21	94.1	6.73	2.0
SR5	12/3/2018 4:15	23.00	93.2	6.62	4.6	SR5	12/3/2018 10:15	23.01	94.6	6.70	2.8	SR5	12/3/2018 16:15	23.06	93.9	6.65	3.9	SR5	12/3/2018 22:15	23.26	93.8	6.71	3.7
SR5	12/3/2018 4:20	22.95	93.2	6.61	3.8	SR5	12/3/2018 10:20	22.98	93.9	6.75	5.3	SR5	12/3/2018 16:20	23.01	95.2	6.74	2.1	SR5	12/3/2018 22:20	23.22	94.5	6.75	2.2
SR5	12/3/2018 4:25	22.95	93.0	6.60	2.1	SR5	12/3/2018 10:25	23.00	94.4	6.69	4.4	SR5	12/3/2018 16:25	23.02	96.1	6.81	2.8	SR5	12/3/2018 22:25	23.26	94.2	6.73	4.0
SR5	12/3/2018 4:30	22.93	93.7	6.65	2.7	SR5	12/3/2018 10:30	23.00	96.5	6.84	3.4	SR5	12/3/2018 16:30	23.04	95.7	6.78	4.7	SR5	12/3/2018 22:30	23.25	95.4	6.82	3.3
SR5	12/3/2018 4:35	22.99	93.2	6.61	3.2	SR5	12/3/2018 10:35	23.05	95.1	6.74	2.6	SR5	12/3/2018 16:35	23.05	94.5	6.69	4.8	SR5	12/3/2018 22:35	23.25	94.4	6.75	4.8
SR5	12/3/2018 4:40	22.99	92.2	6.54	2.8	SR5	12/3/2018 10:40	23.05	94.3	6.68	3.1	SR5	12/3/2018 16:40	23.06	93.9	6.65	3.3	SR5	12/3/2018 22:40	23.24	94.8	6.78	4.3
SR5	12/3/2018 4:45	22.99	94.3	6.69	3.6	SR5	12/3/2018 10:45	23.00	95.0	6.73	1.9	SR5	12/3/2018 16:45	23.02	95.7	6.78	4.5	SR5	12/3/2018 22:45	23.24	94.0	6.73	2.8
SR5	12/3/2018 4:50	22.98	94.1	6.68	2.6	SR5	12/3/2018 10:50	23.05	94.0	6.66	3.5	SR5	12/3/2018 16:50	23.04	96.0	6.80	3.5	SR5	12/3/2018 22:50	23.27	96.0	6.87	3.5
SR5	12/3/2018 4:55	22.94	92.7	6.57	4.1	SR5	12/3/2018 10:55	23.03	94.9	6.73	3.1	SR5	12/3/2018 16:55	23.06	95.0	6.73	2.5	SR5	12/3/2018 22:55	23.20	95.3	6.82	4.7
SR5	12/3/2018 5:00	22.94	92.9	6.59	3.9	SR5	12/3/2018 11:00	23.00	94.3	6.68	1.8	SR5	12/3/2018 17:00	23.01	94.9	6.72	3.7	SR5	12/3/2018 23:00	23.25	94.8	6.79	4.2
SR5	12/3/2018 5:05	22.93	92.9	6.59	3.5	SR5	12/3/2018 11:05	23.01	94.1	6.66	5.4	SR5	12/3/2018 17:05	23.07	96.1	6.81	4.3	SR5	12/3/2018 23:05	23.23	94.4	6.76	3.5
SR5	12/3/2018 5:10	22.96	94.5	6.70	4.9	SR5	12/3/2018 11:10	23.01	95.6	6.77	4.0	SR5	12/3/2018 17:10	23.03	96.3	6.82	3.9	SR5	12/3/2018 23:10	23.25	94.3	6.74	3.0
SR5	12/3/2018 5:15	22.94	94.1	6.68	3.0	SR5	12/3/2018 11:15	23.02	93.9	6.66	2.6	SR5	12/3/2018 17:15	23.04	95.1	6.73	3.2	SR5	12/3/2018 23:15	23.22	94.8	6.78	3.2
SR5	12/3/2018 5:20	22.99	93.3	6.62	1.7	SR5	12/3/2018 11:20	23.06	95.6	6.78	2.6	SR5	12/3/2018 17:20	23.03	94.2	6.67	3.5	SR5	12/3/2018 23:20	23.23	93.9	6.72	4.3
SR5	12/3/2018 5:25	22.94	92.4	6.56	3.5	SR5	12/3/2018 11:25	23.01	94.2	6.68	2.6	SR5	12/3/2018 17:25	23.02	94.8	6.72	2.7	SR5	12/3/2018 23:25	23.22	94.1	6.73	3.6
SR5	12/3/2018 5:30	22.93	92.5	6.56	4.0	SR5	12/3/2018 11:30	23.06	94.8	6.72	3.3	SR5	12/3/2018 17:30	23.04	95.4	6.75	3.5	SR5	12/3/2018 23:30	23.24	94.2	6.74	2.1
SR5	12/3/2018 5:35	22.95	93.5	6.63	3.1	SR5	12/3/2018 11:35	23.11	94.2	6.67	3.0	SR5	12/3/2018 17:35	23.03	94.9	6.72	3.9	SR5	12/3/2018 23:35	23.26	93.3	6.67	3.2
SR5	12/3/2018 5:40	22.96	92.6	6.57	2.8	SR5	12/3/2018 11:40	23.06	95.3	6.75	4.1	SR5	12/3/2018 17:40	23.01	94.7	6.71	2.3	SR5	12/3/2018 23:40	23.24	93.6	6.70	4.7
SR5	12/3/2018 5:45	22.96	91.4	6.48	3.3	SR5	12/3/2018 11:45	23.06	95.4	6.76	2.3	SR5	12/3/2018 17:45	23.01	94.9	6.72	1.7	SR5	12/3/2018 23:45	23.20	94.6	6.77	3.9
SR5	12/3/2018 5:50	22.96	93.8	6.65	3.0	SR5	12/3/2018 11:50	23.07	94.7	6.71	3.5	SR5	12/3/2018 17:50	23.01	93.9	6.65	3.2	SR5	12/3/2018 23:50	23.22	93.4	6.68	3.1
SR5	12/3/2018 5:55	22.98	92.6	6.57	3.9	SR5	12/3/2018 11:55	23.09	95.4	6.75	4.2	SR5	12/3/2018 17:55	23.03	94.1	6.67	2.3	SR5	12/3/2018 23:55	23.27	94.3	6.74	2.7

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/3/2018 0:01	23.46	82.0	5.82	4.8	SR12	12/3/2018 6:01	23.48	75.0	5.32	4.5	SR12	12/3/2018 12:01	23.48	81.6	5.79	4.4	SR12	12/3/2018 18:01	23.51	76.5	5.42	2.1
SR12	12/3/2018 0:06	23.46	81.5	5.78	2.6	SR12	12/3/2018 6:06	23.45	74.6	5.29	4.9	SR12	12/3/2018 12:06	23.49	81.5	5.78	4.5	SR12	12/3/2018 18:06	23.50	76.3	5.41	4.9
SR12	12/3/2018 0:11	23.46	81.2	5.76	2.7	SR12	12/3/2018 6:11	23.45	75.1	5.33	4.3	SR12	12/3/2018 12:11	23.49	81.2	5.76	2.7	SR12	12/3/2018 18:11	23.51	77.1	5.47	3.3
SR12	12/3/2018 0:16	23.45	81.7	5.80	1.3	SR12	12/3/2018 6:16	23.45	73.8	5.24	1.5	SR12	12/3/2018 12:16	23.48	82.7	5.87	2.7	SR12	12/3/2018 18:16	23.50	76.9	5.45	4.6
SR12	12/3/2018 0:21	23.44	81.5	5.79	3.4	SR12	12/3/2018 6:21	23.48	72.6	5.15	1.5	SR12	12/3/2018 12:21	23.48	82.7	5.87	4.1	SR12	12/3/2018 18:21	23.50	76.3	5.41	3.1
SR12	12/3/2018 0:26	23.42	82.0	5.82	4.2	SR12	12/3/2018 6:26	23.46	74.5	5.29	5.4	SR12	12/3/2018 12:26	23.48	82.6	5.86	3.0	SR12	12/3/2018 18:26	23.51	76.9	5.45	3.0
SR12	12/3/2018 0:31	23.43	82.0	5.83	4.4	SR12	12/3/2018 6:31	23.44	75.5	5.36	5.0	SR12	12/3/2018 12:31	23.49	82.7	5.87	4.2	SR12	12/3/2018 18:31	23.52	76.0	5.39	2.5
SR12	12/3/2018 0:36	23.45	82.0	5.83	1.7	SR12	12/3/2018 6:36	23.45	74.9	5.32	3.1	SR12	12/3/2018 12:36	23.49	82.6	5.86	1.4	SR12	12/3/2018 18:36	23.52	76.7	5.44	2.1
SR12	12/3/2018 0:41	23.43	81.9	5.82	3.8	SR12	12/3/2018 6:41	23.45	74.9	5.32	4.9	SR12	12/3/2018 12:41	23.49	82.5	5.86	4.1	SR12	12/3/2018 18:41	23.52	76.3	5.41	4.1
SR12	12/3/2018 0:46	23.42	82.6	5.87	4.0	SR12	12/3/2018 6:46	23.48	75.0	5.32	2.3	SR12	12/3/2018 12:46	23.49	82.6	5.86	2.7	SR12	12/3/2018 18:46	23.52	75.7	5.36	1.1
SR12	12/3/2018 0:51	23.42	82.5	5.86	3.0	SR12	12/3/2018 6:51	23.46	75.1	5.33	1.9	SR12	12/3/2018 12:51	23.49	82.3	5.84	2.1	SR12	12/3/2018 18:51	23.52	75.7	5.37	4.1
SR12	12/3/2018 0:56	23.41	82.2	5.84	1.2	SR12	12/3/2018 6:56	23.45	74.7	5.30	5.4	SR12	12/3/2018 12:56	23.52	83.0	5.89	1.2	SR12	12/3/2018 18:56	23.52	76.2	5.40	5.3
SR12	12/3/2018 1:01	23.41	81.9	5.82	4.8	SR12	12/3/2018 7:01	23.45	74.4	5.28	3.6	SR12	12/3/2018 13:01	23.51	83.5	5.92	3.4	SR12	12/3/2018 19:01	23.52	76.1	5.40	1.4
SR12	12/3/2018 1:06	23.41	82.0	5.83	4.1	SR12	12/3/2018 7:06	23.45	73.8	5.24	4.5	SR12	12/3/2018 13:06	23.53	83.0	5.89	4.4	SR12	12/3/2018 19:06	23.51	76.3	5.41	1.8
SR12	12/3/2018 1:11	23.40	82.5	5.86	5.5	SR12	12/3/2018 7:11	23.45	74.9	5.31	1.8	SR12	12/3/2018 13:11	23.51	83.4	5.92	3.5	SR12	12/3/2018 19:11	23.51	76.3	5.41	5.3
SR12	12/3/2018 1:16	23.40	82.3	5.85	**10.0**	SR12	12/3/2018 7:16	23.46	76.0	5.39	1.5	SR12	12/3/2018 13:16	23.50	83.5	5.93	1.5	SR12	12/3/2018 19:16	23.51	76.6	5.43	3.1
SR12	12/3/2018 1:21	23.43	81.9	5.82	1.7	SR12	12/3/2018 7:21	23.46	75.4	5.35	1.5	SR12	12/3/2018 13:21	23.49	83.4	5.92	2.5	SR12	12/3/2018 19:21	23.52	75.9	5.38	3.9
SR12	12/3/2018 1:26	23.41	81.5	5.79	5.1	SR12	12/3/2018 7:26	23.46	75.4	5.35	4.7	SR12	12/3/2018 13:26	23.54	83.5	5.92	2.2	SR12	12/3/2018 19:26	23.51	76.8	5.44	4.7
SR12	12/3/2018 1:31	23.40	81.9	5.82	2.9	SR12	12/3/2018 7:31	23.47	76.4	5.42	2.2	SR12	12/3/2018 13:31	23.52	83.3	5.91	1.9	SR12	12/3/2018 19:31	23.51	76.9	5.45	4.1
SR12	12/3/2018 1:36	23.40	81.6	5.80	5.1	SR12	12/3/2018 7:36	23.45	76.6	5.44	1.4	SR12	12/3/2018 13:36	23.52	84.1	5.96	1.8	SR12	12/3/2018 19:36	23.51	77.1	5.46	1.8
SR12	12/3/2018 1:41	23.40	80.4	5.71	2.4	SR12	12/3/2018 7:41	23.44	76.2	5.41	2.4	SR12	12/3/2018 13:41	23.52	83.6	5.93	1.7	SR12	12/3/2018 19:41	23.51	76.9	5.45	2.3
SR12	12/3/2018 1:46	23.40	81.0	5.76	4.9	SR12	12/3/2018 7:46	23.44	76.0	5.39	2.8	SR12	12/3/2018 13:46	23.52	83.7	5.93	1.4	SR12	12/3/2018 19:46	23.51	76.8	5.44	1.6
SR12	12/3/2018 1:51	23.39	80.1	5.69	2.9	SR12	12/3/2018 7:51	23.45	76.0	5.39	3.1	SR12	12/3/2018 13:51	23.53	83.9	5.95	3.0	SR12	12/3/2018 19:51	23.51	77.1	5.46	1.5
SR12	12/3/2018 1:56	23.40	80.3	5.71	4.1	SR12	12/3/2018 7:56	23.45	76.0	5.39	3.4	SR12	12/3/2018 13:56	23.53	83.6	5.93	2.3	SR12	12/3/2018 19:56	23.50	79.0	5.60	2.5
SR12	12/3/2018 2:01	23.39	82.0	5.83	5.2	SR12	12/3/2018 8:01	23.45	76.3	5.41	5.1	SR12	12/3/2018 14:01	23.54	83.9	5.95	1.1	SR12	12/3/2018 20:01	24.54	72.0	5.33	4.1
SR12	12/3/2018 2:06	23.40	81.7	5.81	2.5	SR12	12/3/2018 8:06	23.45	76.7	5.44	1.2	SR12	12/3/2018 14:06	23.55	84.4	5.98	1.9	SR12	12/3/2018 20:06	24.55	72.9	5.40	2.8
SR12	12/3/2018 2:11	23.40	81.0	5.76	5.1	SR12	12/3/2018 8:11	23.49	76.7	5.44	4.6	SR12	12/3/2018 14:11	23.58	83.6	5.92	4.7	SR12	12/3/2018 20:11	24.54	72.4	5.36	2.8
SR12	12/3/2018 2:16	23.44	81.0	5.75	4.5	SR12	12/3/2018 8:16	23.47	76.7	5.44	3.4	SR12	12/3/2018 14:16	23.56	83.6	5.92	3.3	SR12	12/3/2018 20:16	24.54	72.6	5.38	2.6
SR12	12/3/2018 2:21	23.42	80.7	5.74	1.4	SR12	12/3/2018 8:21	23.46	76.4	5.42	2.0	SR12	12/3/2018 14:21	23.54	83.2	5.90	4.7	SR12	12/3/2018 20:21	24.54	71.8	5.32	3.1
SR12	12/3/2018 2:26	23.41	81.4	5.78	5.1	SR12	12/3/2018 8:26	23.44	77.7	5.52	2.7	SR12	12/3/2018 14:26	23.53	83.3	5.91	2.9	SR12	12/3/2018 20:26	24.54	71.8	5.32	5.2
SR12	12/3/2018 2:31	23.41	81.5	5.79	3.8	SR12	12/3/2018 8:31	23.46	76.5	5.43	4.4	SR12	12/3/2018 14:31	23.52	83.0	5.88	4.3	SR12	12/3/2018 20:31	24.54	71.7	5.31	3.0
SR12	12/3/2018 2:36	23.41	81.4	5.78	4.3	SR12	12/3/2018 8:36	23.47	76.5	5.43	3.6	SR12	12/3/2018 14:36	23.56	83.2	5.90	1.3	SR12	12/3/2018 20:36	24.54	71.8	5.32	2.4
SR12	12/3/2018 2:41	23.42	80.9	5.74	1.8	SR12	12/3/2018 8:41	23.47	76.4	5.42	5.3	SR12	12/3/2018 14:41	23.54	82.8	5.87	1.2	SR12	12/3/2018 20:41	24.54	71.6	5.30	4.9
SR12	12/3/2018 2:46	23.42	80.3	5.71	4.9	SR12	12/3/2018 8:46	23.48	76.6	5.43	2.3	SR12	12/3/2018 14:46	23.52	82.2	5.83	5.4	SR12	12/3/2018 20:46	24.54	71.4	5.29	4.0
SR12	12/3/2018 2:51	23.42	80.4	5.71	5.5	SR12	12/3/2018 8:51	23.48	76.3	5.41	3.1	SR12	12/3/2018 14:51	23.52	82.2	5.83	3.6	SR12	12/3/2018 20:51	24.53	71.8	5.32	2.0
SR12	12/3/2018 2:56	23.46	79.6	5.65	3.7	SR12	12/3/2018 8:56	23.47	75.9	5.38	2.9	SR12	12/3/2018 14:56	23.52	82.0	5.82	2.6	SR12	12/3/2018 20:56	24.53	72.4	5.36	2.7
SR12	12/3/2018 3:01	23.44	79.3	5.63	1.7	SR12	12/3/2018 9:01	23.47	75.7	5.37	2.3	SR12	12/3/2018 15:01	23.52	81.6	5.79	3.2	SR12	12/3/2018 21:01	24.53	72.9	5.40	3.1
SR12	12/3/2018 3:06	23.43	78.5	5.58	5.5	SR12	12/3/2018 9:06	23.47	76.9	5.46	4.1	SR12	12/3/2018 15:06	23.52	81.3	5.77	3.8	SR12	12/3/2018 21:06	24.52	73.4	5.44	2.0
SR12	12/3/2018 3:11	23.43	78.9	5.60	4.6	SR12	12/3/2018 9:11	23.47	77.8	5.52	3.5	SR12	12/3/2018 15:11	23.56	80.1	5.68	4.3	SR12	12/3/2018 21:11	24.52	73.2	5.42	5.2
SR12	12/3/2018 3:16	23.43	78.6	5.59	3.6	SR12	12/3/2018 9:16	23.47	78.0	5.53	3.2	SR12	12/3/2018 15:16	23.54	80.0	5.67	1.3	SR12	12/3/2018 21:16	24.52	73.8	5.47	2.4
SR12	12/3/2018 3:21	23.44	78.4	5.57	3.8	SR12	12/3/2018 9:21	23.47	78.1	5.54	4.9	SR12	12/3/2018 15:21	23.56	79.9	5.66	4.4	SR12	12/3/2018 21:21	24.51	73.2	5.42	4.4
SR12	12/3/2018 3:26	23.44	77.6	5.51	2.0	SR12	12/3/2018 9:26	23.47	78.0	5.53	5.5	SR12	12/3/2018 15:26	23.53	79.5	5.64	9.0	SR12	12/3/2018 21:26	24.47	74.7	5.53	2.1
SR12	12/3/2018 3:31	23.44	77.6	5.51	2.8	SR12	12/3/2018 9:31	23.51	77.7	5.51	4.0	SR12	12/3/2018 15:31	23.52	79.9	5.67	5.0	SR12	12/3/2018 21:31	24.47	74.8	5.54	3.6
SR12	12/3/2018 3:36	23.45	77.6	5.51	1.7	SR12	12/3/2018 9:36	23.48	77.5	5.50	2.3	SR12	12/3/2018 15:36	23.56	79.8	5.65	1.5	SR12	12/3/2018 21:36	24.47	74.9	5.55	3.3
SR12	12/3/2018 3:41	23.45	77.5	5.50	4.3	SR12	12/3/2018 9:41	23.50	78.2	5.55	5.3	SR12	12/3/2018 15:41	23.53	79.5	5.63	3.2	SR12	12/3/2018 21:41	24.45	75.7	5.61	3.6
SR12	12/3/2018 3:46	23.45	76.3	5.42	2.0	SR12	12/3/2018 9:46	23.46	79.5	5.64	1.6	SR12	12/3/2018 15:46	23.52	79.7	5.65	1.6	SR12	12/3/2018 21:46	24.44	75.9	5.62	3.0
SR12	12/3/2018 3:51	23.44	76.8	5.45	3.9	SR12	12/3/2018 9:51	23.46	79.9	5.67	4.2	SR12	12/3/2018 15:51	23.52	79.6	5.65	1.2	SR12	12/3/2018 21:51	24.43	76.5	5.67	3.8
SR12	12/3/2018 3:56	23.44	76.0	5.39	1.5	SR12	12/3/2018 9:56	23.44	80.2	5.70	5.5	SR12	12/3/2018 15:56	23.51	79.3	5.63	1.2	SR12	12/3/2018 21:56	24.43	75.9	5.62	2.9
SR12	12/3/2018 4:01	23.45	76.6	5.44	4.1	SR12	12/3/2018 10:01	23.44	80.4	5.71	1.8	SR12	12/3/2018 16:01	23.51	79.1	5.61	3.7	SR12	12/3/2018 22:01	24.43	76.1	5.64	2.8
SR12	12/3/2018 4:06	23.45	76.5	5.43	5.4	SR12	12/3/2018 10:06	23.44	80.4	5.71	5.4	SR12	12/3/2018 16:06	23.51	79.2	5.61	3.6	SR12	12/3/2018 22:06	24.40	77.4	5.73	2.0
SR12	12/3/2018 4:11	23.45	76.3	5.42	1.1	SR12	12/3/2018 10:11	23.44	80.0	5.68	3.4	SR12	12/3/2018 16:11	23.51	78.6	5.57	1.8	SR12	12/3/2018 22:11	24.41	77.0	5.70	2.8
SR12	12/3/2018 4:16	23.45	76.3	5.41	4.8	SR12	12/3/2018 10:16	23.44	80.3	5.70	3.0	SR12	12/3/2018 16:16	23.54	79.0	5.60	3.4	SR12	12/3/2018 22:16	24.39	78.7	5.83	3.3
SR12	12/3/2018 4:21	23.44	76.8	5.45	4.3	SR12	12/3/2018 10:21	23.45	80.5	5.72	3.9	SR12	12/3/2018 16:21	23.53	78.7	5.58	2.4	SR12	12/3/2018 22:21	24.38	79.4	5.88	2.5
SR12	12/3/2018 4:26	23.48	76.6	5.44	3.5	SR12	12/3/2018 10:26	23.46	80.3	5.70	5.2	SR12	12/3/2018 16:26	23.52	78.0	5.53	1.7	SR12	12/3/2018 22:26	24.39	79.2	5.87	2.7
SR12	12/3/2018 4:31	23.46	76.8	5.45	4.0	SR12	12/3/2018 10:31	23.48	80.7	5.73	1.6	SR12	12/3/2018 16:31	23.51	77.9	5.52	5.0	SR12	12/3/2018 22:31	24.37	80.3	5.95	4.5
SR12	12/3/2018 4:36	23.46	76.1	5.40	4.6	SR12	12/3/2018 10:36	23.47	80.3	5.70	3.1	SR12	12/3/2018 16:36	23.52	78.1	5.53	5.0	SR12	12/3/2018 22:36	24.38	79.5	5.89	4.9
SR12	12/3/2018 4:41	23.45	75.8	5.38	4.1	SR12	12/3/2018 10:41	23.49	80.5	5.71	3.3	SR12	12/3/2018 16:41	23.52	78.2	5.55	5.4	SR12	12/3/2018 22:41	24.36	81.0	6.00	3.5
SR12	12/3/2018 4:46	23.46	75.4	5.35	4.9	SR12						SR12	12/3/2018 16:46	23.51	78.7	5.58	4.3	SR12	12/3/2018 22:46	24.36	81.1	6.01	4.7
SR12	12/3/2018 4:51	23.46	75.6	5.36	1.7	SR12						SR12	12/3/2018 16:51	23.56	78.1	5.53	3.9	SR12	12/3/2018 22:51	24.36	81.5	6.04	2.0
SR12	12/3/2018 4:56	23.45	75.1	5.33	2.6	SR12						SR12	12/3/2018 16:56	23.54	78.3	5.55	1.9	SR12	12/3/2018 22:56	24.36	81.4	6.03	3.1
SR12	12/3/2018 5:01	23.45	75.6	5.37	1.6	SR12						SR12	12/3/2018 17:01	23.52	77.8	5.51	4.7	SR12	12/3/2018 23:01	24.35	81.8	6.06	3.2
SR12	12/3/2018 5:06	23.45	75.4	5.35	2.0	SR12						SR12	12/3/2018 17:06	23.51	77.7	5.51	3.7	SR12	12/3/2018 23:06	24.35	81.4	6.03	3.7
SR12	12/3/2018 5:11	23.48	76.3	5.41	6.7	SR12						SR12	12/3/2018 17:11	23.51	77.8	5.51	2.5	SR12	12/3/2018 23:11	24.35	81.4	6.03	4.1
SR12	12/3/2018 5:16	23.46	74.9	5.31	4.1	SR12						SR12	12/3/2018 17:16	23.51	77.2	5.47	4.6	SR12	12/3/2018 23:16	24.32	81.5	6.04	3.8
SR12	12/3/2018 5:21	23.46	75.1	5.33	1.3	SR12						SR12	12/3/2018 17:21	23.51	77.3	5.48	3.4	SR12	12/3/2018 23:21	24.34	81.5	6.04	3.3
SR12	12/3/2018 5:26	23.45	75.0	5.32	4.5	SR12						SR12	12/3/2018 17:26	23.51	77.5	5.49	4.3	SR12	12/3/2018 23:26	24.35	79.8	5.91	3.3
SR12	12/3/2018 5:31	23.44	75.7	5.37	3.1	SR12						SR12	12/3/2018 17:31	23.50	77.7	5.51	4.1	SR12	12/3/2018 23:31	24.32	80.6	5.97	3.0
SR12	12/3/2018 5:36	23.45	75.0	5.32	4.2	SR12						SR12	12/3/2018 17:36	23.50	77.6	5.50	2.6	SR12	12/3/2018 23:36	24.34	80.6	5.97	5.0
SR12	12/3/2018 5:41	23.46	74.7	5.30	1.9	SR12						SR12	12/3/2018 17:41	23.50	78.1	5.54	2.7	SR12	12/3/2018 23:41	24.31	81.4	6.03	4.7
SR12	12/3/2018 5:46	23.46	74.3	5.27	2.5	SR12						SR12	12/3/2018 17:46	23.53	77.7	5.50	2.8	SR12	12/3/2018 23:46	24.33	81.7	6.05	5.1
SR12	12/3/2018 5:51	23.46	74.3	5.27	3.3	SR12	12/3/2018 11:51	23.46	82.1	5.83	1.7	SR12	12/3/2018 17:51	23.52	77.5	5.50	4.6	SR12	12/3/2018 23:51	24.33	81.8	6.06	4.7
SR12	12/3/2018 5:56	23.46	75.2	5.34	4.5	SR12	12/3/2018 11:56	23.48	81.9	5.81	1.4	SR12	12/3/2018 17:56	23.51	77.6	5.50	4.5	SR12	12/3/2018 23:56	24.32	80.3	5.95	2.9

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/3/2018 0:00	22.44	80.4	5.58	4.0	SR13	12/3/2018 6:00	22.35	79.1	5.52	1.6	SR13	12/3/2018 12:00	22.45	79.6	5.55	2.2	SR13	12/3/2018 18:00	22.47	81.4	5.67	4.9
SR13	12/3/2018 0:05	22.43	79.8	5.54	6.3	SR13	12/3/2018 6:05	22.37	79.0	5.50	5.1	SR13	12/3/2018 12:05	22.42	80.2	5.60	5.1	SR13	12/3/2018 18:05	22.47	81.2	5.66	3.7
SR13	12/3/2018 0:10	22.42	80.4	5.59	6.5	SR13	12/3/2018 6:10	22.37	78.5	5.47	4.1	SR13	12/3/2018 12:10	22.45	80.1	5.59	5.9	SR13	12/3/2018 18:10	22.47	81.2	5.66	5.1
SR13	12/3/2018 0:15	22.42	80.6	5.59	1.6	SR13	12/3/2018 6:15	22.36	79.2	5.52	6.1	SR13	12/3/2018 12:15	22.44	80.3	5.61	4.1	SR13	12/3/2018 18:15	22.46	81.1	5.65	5.4
SR13	12/3/2018 0:20	22.42	81.4	5.65	5.8	SR13	12/3/2018 6:20	22.36	79.0	5.50	3.7	SR13	12/3/2018 12:20	22.45	80.1	5.58	5.6	SR13	12/3/2018 18:20	22.47	81.1	5.65	6.6
SR13	12/3/2018 0:25	22.42	81.3	5.64	6.4	SR13	12/3/2018 6:25	22.37	78.7	5.48	2.8	SR13	12/3/2018 12:25	22.43	80.6	5.62	6.3	SR13	12/3/2018 18:25	22.46	81.1	5.66	3.4
SR13	12/3/2018 0:30	22.44	81.2	5.63	4.0	SR13	12/3/2018 6:30	22.36	78.7	5.48	5.4	SR13	12/3/2018 12:30	22.43	80.2	5.59	2.9	SR13	12/3/2018 18:30	22.47	81.2	5.66	6.5
SR13	12/3/2018 0:35	22.43	80.6	5.60	2.0	SR13	12/3/2018 6:35	22.36	79.3	5.52	2.4	SR13	12/3/2018 12:35	22.44	80.1	5.59	5.9	SR13	12/3/2018 18:35	22.47	81.0	5.65	6.1
SR13	12/3/2018 0:40	22.45	81.2	5.64	1.8	SR13	12/3/2018 6:40	22.36	79.5	5.53	4.4	SR13	12/3/2018 12:40	22.45	80.3	5.60	4.7	SR13	12/3/2018 18:40	22.47	81.2	5.66	5.7
SR13	12/3/2018 0:45	22.43	80.9	5.63	4.7	SR13	12/3/2018 6:45	22.36	79.5	5.54	2.1	SR13	12/3/2018 12:45	22.55	79.3	5.53	6.2	SR13	12/3/2018 18:45	22.47	80.9	5.63	4.8
SR13	12/3/2018 0:50	22.43	80.2	5.58	5.4	SR13	12/3/2018 6:50	22.36	79.2	5.52	2.1	SR13	12/3/2018 12:50	22.46	80.2	5.60	6.2	SR13	12/3/2018 18:50	22.46	80.9	5.64	5.6
SR13	12/3/2018 0:55	22.42	80.7	5.61	6.2	SR13	12/3/2018 6:55	22.36	78.6	5.47	5.8	SR13	12/3/2018 12:55	22.48	81.1	5.66	3.5	SR13	12/3/2018 18:55	22.46	81.4	5.68	4.9
SR13	12/3/2018 1:00	22.42	80.6	5.61	4.8	SR13	12/3/2018 7:00	22.36	79.3	5.52	8.5	SR13	12/3/2018 13:00	22.48	81.2	5.67	6.6	SR13	12/3/2018 19:00	22.46	81.2	5.66	2.3
SR13	12/3/2018 1:05	22.42	81.0	5.63	2.5	SR13	12/3/2018 7:05	22.36	79.3	5.52	12.1	SR13	12/3/2018 13:05	22.50	81.3	5.68	4.3	SR13	12/3/2018 19:05	22.45	81.3	5.67	1.8
SR13	12/3/2018 1:10	22.42	80.7	5.62	1.9	SR13	12/3/2018 7:10	22.36	79.3	5.52	10.0	SR13	12/3/2018 13:10	22.51	80.4	5.61	4.0	SR13	12/3/2018 19:10	22.46	81.7	5.70	3.6
SR13	12/3/2018 1:15	22.42	80.8	5.63	2.9	SR13	12/3/2018 7:15	22.36	79.2	5.51	10.8	SR13	12/3/2018 13:15	22.50	81.8	5.70	6.2	SR13	12/3/2018 19:15	22.45	81.2	5.66	4.4
SR13	12/3/2018 1:20	22.42	80.7	5.62	6.0	SR13	12/3/2018 7:20	22.36	79.1	5.50	10.0	SR13	12/3/2018 13:20	22.50	81.4	5.71	4.0	SR13	12/3/2018 19:20	22.45	81.2	5.66	4.4
SR13	12/3/2018 1:25	22.41	80.2	5.59	3.7	SR13	12/3/2018 7:25	22.36	79.2	5.51	10.7	SR13	12/3/2018 13:25	22.48	81.4	5.68	3.0	SR13	12/3/2018 19:25	22.46	81.2	5.66	4.9
SR13	12/3/2018 1:30	22.38	81.2	5.66	6.0	SR13	12/3/2018 7:30	22.36	79.3	5.52	9.6	SR13	12/3/2018 13:30	22.50	81.6	5.69	5.6	SR13	12/3/2018 19:30	22.45	80.9	5.64	3.1
SR13	12/3/2018 1:35	22.37	81.3	5.66	3.5	SR13	12/3/2018 7:35	22.36	79.1	5.51	10.8	SR13	12/3/2018 13:35	22.50	81.7	5.70	5.2	SR13	12/3/2018 19:35	22.45	81.1	5.65	3.2
SR13	12/3/2018 1:40	22.37	81.0	5.64	5.5	SR13	12/3/2018 7:40	22.36	79.1	5.50	9.3	SR13	12/3/2018 13:40	22.54	81.8	5.71	6.0	SR13	12/3/2018 19:40	22.45	80.8	5.63	6.1
SR13	12/3/2018 1:45	22.39	80.7	5.62	5.1	SR13	12/3/2018 7:45	22.36	79.2	5.52	8.0	SR13	12/3/2018 13:45	22.57	82.9	5.78	6.5	SR13	12/3/2018 19:45	22.45	80.8	5.63	6.5
SR13	12/3/2018 1:50	22.38	81.0	5.64	3.6	SR13	12/3/2018 7:50	22.36	78.7	5.47	8.4	SR13	12/3/2018 13:50	22.59	82.6	5.75	3.9	SR13	12/3/2018 19:50	22.45	80.7	5.63	6.4
SR13	12/3/2018 1:55	22.38	80.6	5.61	5.7	SR13	12/3/2018 7:55	22.36	79.2	5.51	8.2	SR13	12/3/2018 13:55	22.53	81.8	5.69	4.2	SR13	12/3/2018 19:55	22.46	80.8	5.64	6.5
SR13	12/3/2018 2:00	22.38	80.4	5.60	2.6	SR13	12/3/2018 8:00	22.36	79.5	5.53	4.8	SR13	12/3/2018 14:00	22.55	81.7	5.68	1.8	SR13	12/3/2018 20:00	22.46	80.7	5.63	2.4
SR13	12/3/2018 2:05	22.38	80.0	5.58	3.9	SR13	12/3/2018 8:05	22.36	79.4	5.53	5.5	SR13	12/3/2018 14:05	22.55	82.9	5.77	2.4	SR13	12/3/2018 20:05	22.45	80.8	5.63	5.5
SR13	12/3/2018 2:10	22.38	80.5	5.61	6.2	SR13	12/3/2018 8:10	22.36	79.4	5.53	4.0	SR13	12/3/2018 14:10	22.55	83.1	5.79	5.5	SR13	12/3/2018 20:10	22.43	81.2	5.66	4.5
SR13	12/3/2018 2:15	22.42	79.6	5.55	6.6	SR13	12/3/2018 8:15	22.36	79.0	5.50	4.1	SR13	12/3/2018 14:15	22.55	83.3	5.81	1.8	SR13	12/3/2018 20:15	22.45	80.6	5.62	4.3
SR13	12/3/2018 2:20	22.40	79.8	5.56	4.9	SR13	12/3/2018 8:20	22.36	79.1	5.51	4.2	SR13	12/3/2018 14:20	22.57	82.4	5.74	5.9	SR13	12/3/2018 20:20	22.44	81.0	5.64	5.7
SR13	12/3/2018 2:25	22.42	79.1	5.51	3.3	SR13	12/3/2018 8:25	22.36	79.4	5.53	3.6	SR13	12/3/2018 14:25	22.55	82.6	5.76	4.3	SR13	12/3/2018 20:25	22.44	80.8	5.63	4.2
SR13	12/3/2018 2:30	22.42	79.5	5.54	5.0	SR13	12/3/2018 8:30	22.37	79.0	5.51	2.2	SR13	12/3/2018 14:30	22.54	82.8	5.77	4.3	SR13	12/3/2018 20:30	22.45	80.5	5.61	6.3
SR13	12/3/2018 2:35	22.41	80.0	5.57	2.7	SR13	12/3/2018 8:35	22.38	78.2	5.45	5.5	SR13	12/3/2018 14:35	22.55	83.0	5.79	2.7	SR13	12/3/2018 20:35	22.45	80.6	5.62	3.6
SR13	12/3/2018 2:40	22.41	79.9	5.57	5.1	SR13	12/3/2018 8:40	22.37	78.7	5.48	2.7	SR13	12/3/2018 14:40	22.55	82.7	5.77	2.5	SR13	12/3/2018 20:40	22.45	80.8	5.63	6.3
SR13	12/3/2018 2:45	22.42	80.2	5.59	2.2	SR13	12/3/2018 8:45	22.38	78.7	5.49	2.6	SR13	12/3/2018 14:45	22.53	83.4	5.81	2.4	SR13	12/3/2018 20:45	22.44	79.8	5.59	5.8
SR13	12/3/2018 2:50	22.43	79.8	5.56	6.0	SR13	12/3/2018 8:50	22.38	78.9	5.49	2.2	SR13	12/3/2018 14:50	22.52	83.5	5.83	5.4	SR13	12/3/2018 20:50	22.45	79.8	5.60	6.5
SR13	12/3/2018 2:55	22.44	79.6	5.55	3.8	SR13	12/3/2018 8:55	22.37	79.1	5.51	3.0	SR13	12/3/2018 14:55	22.53	82.9	5.78	2.3	SR13	12/3/2018 20:55	22.45	79.8	5.60	3.4
SR13	12/3/2018 3:00	22.45	79.2	5.52	2.5	SR13	12/3/2018 9:00	22.37	79.3	5.52	3.4	SR13	12/3/2018 15:00	22.53	83.2	5.80	2.4	SR13	12/3/2018 21:00	22.45	79.9	5.60	2.5
SR13	12/3/2018 3:05	22.42	79.6	5.55	4.0	SR13	12/3/2018 9:05	22.38	78.7	5.49	2.6	SR13	12/3/2018 15:05	22.53	83.0	5.79	2.5	SR13	12/3/2018 21:05	22.45	79.8	5.60	4.5
SR13	12/3/2018 3:10	22.43	79.5	5.54	4.0	SR13	12/3/2018 9:10	22.37	79.0	5.51	2.0	SR13	12/3/2018 15:10	22.52	82.6	5.76	5.9	SR13	12/3/2018 21:10	22.45	79.8	5.60	2.8
SR13	12/3/2018 3:15	22.41	79.5	5.54	1.6	SR13	12/3/2018 9:15	22.37	78.8	5.49	3.1	SR13						SR13	12/3/2018 21:15	22.45	79.2	5.55	3.2
SR13	12/3/2018 3:20	22.43	79.5	5.54	2.9	SR13	12/3/2018 9:20	22.37	78.6	5.47	2.4	SR13						SR13	12/3/2018 21:20	22.45	79.5	5.57	2.7
SR13	12/3/2018 3:25	22.40	80.3	5.60	4.5	SR13	12/3/2018 9:25	22.37	78.7	5.48	2.5	SR13						SR13	12/3/2018 21:25	22.45	79.9	5.60	5.4
SR13	12/3/2018 3:30	22.36	80.6	5.62	5.4	SR13	12/3/2018 9:30	22.37	78.4	5.46	3.3	SR13						SR13	12/3/2018 21:30	22.45	79.6	5.58	3.3
SR13	12/3/2018 3:35	22.36	80.6	5.61	5.7	SR13	12/3/2018 9:35	22.38	78.2	5.45	3.9	SR13	12/3/2018 15:35	22.53	82.4	5.75	3.5	SR13	12/3/2018 21:35	22.45	79.6	5.58	4.1
SR13	12/3/2018 3:40	22.35	80.6	5.62	3.8	SR13	12/3/2018 9:40	22.38	78.0	5.43	3.1	SR13	12/3/2018 15:40	22.51	82.6	5.76	6.2	SR13	12/3/2018 21:40	22.45	79.7	5.59	3.3
SR13	12/3/2018 3:45	22.36	80.7	5.63	4.7	SR13	12/3/2018 9:45	22.37	78.2	5.45	2.1	SR13	12/3/2018 15:45	22.50	83.1	5.79	6.6	SR13	12/3/2018 21:45	22.45	79.9	5.60	6.3
SR13	12/3/2018 3:50	22.36	80.6	5.62	4.0	SR13	12/3/2018 9:50	22.37	78.6	5.47	1.8	SR13	12/3/2018 15:50	22.49	83.3	5.81	5.8	SR13	12/3/2018 21:50	22.45	79.7	5.59	5.2
SR13	12/3/2018 3:55	22.36	80.3	5.60	5.8	SR13	12/3/2018 9:55	22.38	78.4	5.46	6.1	SR13	12/3/2018 15:55	22.49	82.7	5.77	3.1	SR13	12/3/2018 21:55	22.45	79.7	5.59	2.3
SR13	12/3/2018 4:00	22.37	80.3	5.59	3.1	SR13	12/3/2018 10:00	22.41	78.0	5.43	2.1	SR13	12/3/2018 16:00	22.49	82.9	5.79	4.4	SR13	12/3/2018 22:00	22.45	79.4	5.57	6.3
SR13	12/3/2018 4:05	22.37	80.0	5.57	6.5	SR13	12/3/2018 10:05	22.42	77.7	5.40	1.9	SR13	12/3/2018 16:05	22.49	82.4	5.74	4.8	SR13	12/3/2018 22:05	22.45	79.5	5.57	3.8
SR13	12/3/2018 4:10	22.36	79.7	5.55	5.1	SR13	12/3/2018 10:10	22.42	77.8	5.42	1.7	SR13	12/3/2018 16:10	22.50	82.6	5.76	2.9	SR13	12/3/2018 22:10	22.45	80.3	5.63	3.7
SR13	12/3/2018 4:15	22.36	79.8	5.56	2.9	SR13	12/3/2018 10:15	22.43	77.4	5.38	1.9	SR13	12/3/2018 16:15	22.49	82.9	5.79	4.3	SR13	12/3/2018 22:15	22.45	80.5	5.64	4.6
SR13	12/3/2018 4:20	22.37	79.4	5.53	1.8	SR13	12/3/2018 10:20	22.43	76.7	5.34	2.7	SR13	12/3/2018 16:20	22.49	82.9	5.77	4.3	SR13	12/3/2018 22:20	22.47	79.9	5.60	3.1
SR13	12/3/2018 4:25	22.36	79.7	5.56	4.9	SR13	12/3/2018 10:25	22.40	77.7	5.41	3.3	SR13	12/3/2018 16:25	22.49	82.9	5.78	5.4	SR13	12/3/2018 22:25	22.46	79.8	5.60	4.3
SR13	12/3/2018 4:30	22.36	79.6	5.54	4.3	SR13	12/3/2018 10:30	22.38	78.3	5.45	4.0	SR13	12/3/2018 16:30	22.49	82.6	5.76	1.6	SR13	12/3/2018 22:30	22.46	79.8	5.60	6.5
SR13	12/3/2018 4:35	22.36	79.7	5.55	1.5	SR13	12/3/2018 10:35	22.38	78.3	5.45	2.3	SR13	12/3/2018 16:35	22.49	82.6	5.76	3.8	SR13	12/3/2018 22:35	22.46	79.4	5.57	4.7
SR13	12/3/2018 4:40	22.36	79.7	5.55	1.6	SR13	12/3/2018 10:40	22.38	78.5	5.46	1.7	SR13	12/3/2018 16:40	22.49	82.2	5.73	2.2	SR13	12/3/2018 22:40	22.46	79.6	5.59	6.2
SR13	12/3/2018 4:45	22.36	79.6	5.55	3.4	SR13	12/3/2018 10:45	22.38	78.8	5.49	4.2	SR13	12/3/2018 16:45	22.49	82.4	5.75	2.9	SR13	12/3/2018 22:45	22.46	79.8	5.60	3.3
SR13	12/3/2018 4:50	22.36	79.3	5.52	3.0	SR13	12/3/2018 10:50	22.37	78.9	5.49	5.0	SR13	12/3/2018 16:50	22.49	82.5	5.75	6.0	SR13	12/3/2018 22:50	22.45	80.4	5.64	5.8
SR13	12/3/2018 4:55	22.37	79.2	5.52	4.0	SR13	12/3/2018 10:55	22.38	79.3	5.52	3.3	SR13	12/3/2018 16:55	22.49	82.2	5.73	2.7	SR13	12/3/2018 22:55	22.45	80.1	5.62	3.0
SR13	12/3/2018 5:00	22.36	79.7	5.55	3.9	SR13	12/3/2018 11:00	22.41	79.1	5.51	5.8	SR13	12/3/2018 17:00	22.49	82.3	5.74	2.8	SR13	12/3/2018 23:00	22.45	80.0	5.61	2.8
SR13	12/3/2018 5:05	22.36	79.6	5.55	2.4	SR13	12/3/2018 11:05	22.43	78.7	5.50	1.8	SR13	12/3/2018 17:05	22.49	82.2	5.73	2.2	SR13	12/3/2018 23:05	22.45	80.0	5.62	1.6
SR13	12/3/2018 5:10	22.36	79.8	5.56	3.4	SR13	12/3/2018 11:10	22.42	79.0	5.51	6.2	SR13	12/3/2018 17:10	22.47	81.8	5.70	5.9	SR13	12/3/2018 23:10	22.45	80.0	5.61	6.1
SR13	12/3/2018 5:15	22.36	79.7	5.55	3.6	SR13	12/3/2018 11:15	22.42	79.2	5.52	5.3	SR13	12/3/2018 17:15	22.47	81.4	5.68	2.2	SR13	12/3/2018 23:15	22.45	80.3	5.64	3.3
SR13	12/3/2018 5:20	22.36	79.7	5.55	3.4	SR13	12/3/2018 11:20	22.44	78.8	5.49	4.2	SR13	12/3/2018 17:20	22.47	81.5	5.68	4.3	SR13	12/3/2018 23:20	22.46	79.6	5.58	6.6
SR13	12/3/2018 5:25	22.36	79.6	5.55	2.5	SR13	12/3/2018 11:25	22.44	78.9	5.49	6.6	SR13	12/3/2018 17:25	22.47	81.0	5.65	1.5	SR13	12/3/2018 23:25	22.45	79.3	5.56	3.3
SR13	12/3/2018 5:30	22.36	79.8	5.56	1.9	SR13	12/3/2018 11:30	22.44	78.9	5.50	6.2	SR13	12/3/2018 17:30	22.47	81.4	5.68	2.0	SR13	12/3/2018 23:30	22.46	79.1	5.55	3.8
SR13	12/3/2018 5:35	22.36	79.4	5.53	5.8	SR13	12/3/2018 11:35	22.47	78.9	5.50	2.2	SR13	12/3/2018 17:35	22.47	81.7	5.69	2.9	SR13	12/3/2018 23:35	22.46	79.3	5.57	4.0
SR13	12/3/2018 5:40	22.37	78.7	5.48	5.9	SR13	12/3/2018 11:40	22.48	78.6	5.48	3.0	SR13	12/3/2018 17:40	22.47	81.6	5.69	5.8	SR13	12/3/2018 23:40	22.46	79.6	5.58	5.8
SR13	12/3/2018 5:45	22.36	79.0	5.50	6.2	SR13	12/3/2018 11:45	22.49	78.9	5.50	4.5	SR13	12/3/2018 17:45	22.47	81.6	5.69	3.8	SR13	12/3/2018 23:45	22.46	79.7	5.60	6.4
SR13	12/3/2018 5:50	22.36	79.3	5.53	3.6	SR13	12/3/2018 11:50	22.48	79.3	5.53	5.9	SR13	12/3/2018 17:50	22.47	81.8	5.71	5.6	SR13	12/3/2018 23:50	22.46	79.4	5.58	5.3
SR13	12/3/2018 5:55	22.35	79.3	5.52	4.9	SR13	12/3/2018 11:55	22.41	80.9	5.64	6.1	SR13	12/3/2018 17:55	22.47	81.6	5.69	4.5	SR13	12/3/2018 23:55	22.47	78.8	5.52	2.9

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	12/3/2018 0:17	0.07				SR12	12/3/2018 0:17	0.03			
SR4	12/3/2018 0:37	0.06				SR12	12/3/2018 0:37	0.06			
SR4	12/3/2018 0:57	0.04				SR12	12/3/2018 0:57	0.09			
SR4	12/3/2018 1:17	0.04				SR12	12/3/2018 1:17	0.03			
SR4	12/3/2018 1:37	0.05				SR12	12/3/2018 1:37	0.06			
SR4	12/3/2018 1:57	0.05				SR12	12/3/2018 1:57	0.08			
SR4	12/3/2018 2:17	0.04				SR12	12/3/2018 2:17	0.06			
SR4	12/3/2018 2:37	0.07				SR12	12/3/2018 2:37	0.03			
SR4	12/3/2018 2:57	0.06				SR12	12/3/2018 2:57	0.06			
SR4	12/3/2018 3:17	0.06				SR12	12/3/2018 3:17	0.05			
SR4	12/3/2018 3:37	0.05				SR12	12/3/2018 3:37	0.02			
SR4	12/3/2018 3:57	0.04				SR12	12/3/2018 3:57	0.07			
SR4	12/3/2018 4:17	0.04				SR12	12/3/2018 4:17	0.06			
SR4	12/3/2018 4:37	0.07				SR12	12/3/2018 4:37	0.06			
SR4	12/3/2018 4:57	0.07				SR12	12/3/2018 4:57	0.04			
SR4	12/3/2018 5:17	0.04				SR12	12/3/2018 5:17	0.04			
SR4	12/3/2018 5:37	0.04				SR12	12/3/2018 5:37	0.08			
SR4	12/3/2018 5:57	0.06				SR12	12/3/2018 5:57	0.05			
SR4						SR12					
SR4	12/3/2018 6:37	0.04				SR12	12/3/2018 6:37	0.01			
SR4	12/3/2018 6:57	0.06				SR12	12/3/2018 6:57	0.01			
SR4	12/3/2018 7:17	0.07				SR12	12/3/2018 7:17	0.03			
SR4	12/3/2018 7:37	0.04				SR12	12/3/2018 7:37	0.04			
SR4	12/3/2018 7:57	0.06				SR12	12/3/2018 7:57	0.01			
SR4	12/3/2018 8:17	0.05				SR12	12/3/2018 8:17	0.03			
SR4	12/3/2018 8:37	0.07				SR12	12/3/2018 8:37	0.02			
SR4	12/3/2018 8:57	0.06				SR12	12/3/2018 8:57	0.04			
SR4	12/3/2018 9:17	0.05				SR12	12/3/2018 9:17	0.01			
SR4	12/3/2018 9:37	0.06				SR12	12/3/2018 9:37	0.10			
SR4	12/3/2018 9:57	0.07				SR12	12/3/2018 9:57	0.01			
SR4	12/3/2018 10:17	0.05				SR12	12/3/2018 10:17	0.04			
SR4	12/3/2018 10:37	0.01				SR12	12/3/2018 10:37	0.01			
SR4	12/3/2018 10:57	0.01				SR12					
SR4	12/3/2018 11:17	0.01				SR12					
SR4	12/3/2018 11:37	0.03				SR12					
SR4	12/3/2018 11:57	0.03				SR12					
SR4	12/3/2018 12:17	0.03				SR12	12/3/2018 12:17	0.02			
SR4	12/3/2018 12:37	0.03				SR12	12/3/2018 12:37	0.02			
SR4	12/3/2018 12:57	0.03				SR12	12/3/2018 12:57	0.01			
SR4						SR12	12/3/2018 13:17	0.01			
SR4						SR12	12/3/2018 13:37	0.02			
SR4						SR12	12/3/2018 13:57	0.01			
SR4						SR12	12/3/2018 14:17	0.01			
SR4	12/3/2018 14:37	0.02				SR12	12/3/2018 14:37	0.03			
SR4	12/3/2018 14:57	0.03				SR12	12/3/2018 14:57	0.03			
SR4	12/3/2018 15:17	0.02				SR12	12/3/2018 15:17	0.04			
SR4	12/3/2018 15:37	0.01				SR12	12/3/2018 15:37	0.04			
SR4	12/3/2018 15:57	0.03				SR12	12/3/2018 15:57	0.01			
SR4	12/3/2018 16:17	0.03				SR12	12/3/2018 16:17	0.02			
SR4	12/3/2018 16:37	0.02				SR12	12/3/2018 16:37	0.01			
SR4	12/3/2018 16:57	0.01				SR12	12/3/2018 16:57	0.01			
SR4	12/3/2018 17:17	0.01				SR12	12/3/2018 17:17	0.01			
SR4	12/3/2018 17:37	0.01				SR12	12/3/2018 17:37	0.01			
SR4	12/3/2018 17:57	0.01				SR12	12/3/2018 17:57	0.01			
SR4	12/3/2018 18:17	0.01				SR12	12/3/2018 18:17	0.04			
SR4	12/3/2018 18:37	0.03				SR12	12/3/2018 18:37	0.01			
SR4	12/3/2018 18:57	0.03				SR12	12/3/2018 18:57	0.01			
SR4	12/3/2018 19:17	0.02				SR12	12/3/2018 19:17	0.03			
SR4	12/3/2018 19:37	0.02				SR12	12/3/2018 19:37	0.03			
SR4	12/3/2018 19:57	0.01				SR12	12/3/2018 19:57	0.02			
SR4	12/3/2018 20:17	0.03				SR12	12/3/2018 20:17	0.01			
SR4	12/3/2018 20:37	0.03				SR12	12/3/2018 20:37	0.01			
SR4	12/3/2018 20:57	0.02				SR12	12/3/2018 20:57	0.01			
SR4	12/3/2018 21:17	0.01				SR12	12/3/2018 21:17	0.02			
SR4	12/3/2018 21:37	0.01				SR12	12/3/2018 21:37	0.01			
SR4	12/3/2018 21:57	0.02				SR12	12/3/2018 21:57	0.01			
SR4	12/3/2018 22:17	0.02				SR12	12/3/2018 22:17	0.01			
SR4	12/3/2018 22:37	0.01				SR12	12/3/2018 22:37	0.01			
SR4	12/3/2018 22:57	0.03				SR12	12/3/2018 22:57	0.03			
SR4	12/3/2018 23:17	0.03				SR12	12/3/2018 23:17	0.03			
SR4	12/3/2018 23:37	0.02				SR12	12/3/2018 23:37	0.04			
SR4	12/3/2018 23:57	0.03				SR12	12/3/2018 23:57	0.04			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.
SR4 monitoring station was under maintenance during 13:16-14:16.
SR12 monitoring station was under maintenance during 10:41-11:51.
SR13 monitoring station was under maintenance during 15:10-15:35.

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/4/2018 0:01	22.81	74.1	5.33	4.7	SR4	12/4/2018 6:01	22.65	78.3	5.64	3.2	SR4	12/4/2018 12:01	23.00	84.2	6.05	4.5	SR4	12/4/2018 18:01	22.85	78.0	5.61	3.3
SR4	12/4/2018 0:06	22.82	75.3	5.41	4.7	SR4	12/4/2018 6:06	22.66	77.7	5.60	3.5	SR4	12/4/2018 12:06	23.08	85.6	6.14	2.8	SR4	12/4/2018 18:06	22.85	78.9	5.67	1.5
SR4	12/4/2018 0:11	22.83	74.8	5.38	2.1	SR4	12/4/2018 6:11	22.65	77.7	5.60	2.0	SR4	12/4/2018 12:11	23.11	86.0	6.17	3.5	SR4	12/4/2018 18:11	22.85	79.5	5.71	1.7
SR4	12/4/2018 0:16	22.80	74.5	5.36	4.7	SR4	12/4/2018 6:16	22.65	78.2	5.64	5.0	SR4	12/4/2018 12:16	23.08	86.3	6.19	2.1	SR4	12/4/2018 18:16	22.85	79.2	5.69	1.7
SR4	12/4/2018 0:21	22.80	75.7	5.45	2.8	SR4	12/4/2018 6:21	22.65	77.7	5.60	5.3	SR4	12/4/2018 12:21	23.03	84.1	6.04	4.1	SR4	12/4/2018 18:21	22.85	78.5	5.64	5.2
SR4	12/4/2018 0:26	22.82	75.2	5.41	3.8	SR4	12/4/2018 6:26	22.65	77.2	5.57	1.4	SR4	12/4/2018 12:26	23.03	83.4	5.99	1.5	SR4	12/4/2018 18:26	22.85	80.1	5.75	1.4
SR4	12/4/2018 0:31	22.79	76.7	5.52	2.6	SR4	12/4/2018 6:31	22.65	78.9	5.69	1.8	SR4	12/4/2018 12:31	23.07	84.0	6.03	1.6	SR4	12/4/2018 18:31	22.85	77.1	5.54	4.2
SR4	12/4/2018 0:36	22.80	76.2	5.48	4.2	SR4	12/4/2018 6:36	22.65	78.0	5.62	1.7	SR4	12/4/2018 12:36	23.06	83.8	6.02	3.4	SR4	12/4/2018 18:36	22.85	75.8	5.45	2.0
SR4	12/4/2018 0:41	22.78	77.4	5.57	3.4	SR4	12/4/2018 6:41	22.65	76.3	5.50	4.1	SR4	12/4/2018 12:41	23.08	83.7	6.01	3.4	SR4	12/4/2018 18:41	22.85	78.8	5.66	4.1
SR4	12/4/2018 0:46	22.80	77.6	5.58	5.0	SR4	12/4/2018 6:46	22.66	76.4	5.50	3.7	SR4	12/4/2018 12:46	23.09	83.8	6.01	3.3	SR4	12/4/2018 18:46	22.84	78.0	5.61	2.2
SR4	12/4/2018 0:51	22.79	77.8	5.59	5.4	SR4	12/4/2018 6:51	22.67	76.3	5.50	4.7	SR4	12/4/2018 12:51	23.09	83.8	6.01	2.3	SR4	12/4/2018 18:51	22.84	78.3	5.63	1.5
SR4	12/4/2018 0:56	22.78	78.5	5.64	3.1	SR4	12/4/2018 6:56	22.67	77.5	5.58	2.0	SR4	12/4/2018 12:56	23.04	83.6	6.00	1.9	SR4	12/4/2018 18:56	22.83	78.1	5.61	4.6
SR4	12/4/2018 1:01	22.77	80.1	5.77	1.0	SR4	12/4/2018 7:01	22.68	78.4	5.65	2.1	SR4	12/4/2018 13:01	23.07	81.0	6.30	3.0	SR4	12/4/2018 19:01	22.84	76.8	5.52	4.7
SR4	12/4/2018 1:06	22.76	78.8	5.67	4.5	SR4	12/4/2018 7:06	22.69	78.3	5.64	1.1	SR4	12/4/2018 13:06	22.92	82.1	5.90	4.1	SR4	12/4/2018 19:06	22.83	76.0	5.46	2.5
SR4	12/4/2018 1:11	22.76	78.2	5.62	2.4	SR4	12/4/2018 7:11	22.69	77.5	5.58	5.0	SR4	12/4/2018 13:11	23.03	81.7	5.86	4.9	SR4	12/4/2018 19:11	22.83	75.9	5.45	1.0
SR4	12/4/2018 1:16	22.76	78.8	5.67	1.4	SR4	12/4/2018 7:16	22.69	77.8	5.60	1.4	SR4	12/4/2018 13:16	23.32	79.2	5.66	1.2	SR4	12/4/2018 19:16	22.83	76.0	5.46	2.0
SR4	12/4/2018 1:21	22.76	78.2	5.63	1.7	SR4	12/4/2018 7:21	22.70	76.6	5.52	2.4	SR4	12/4/2018 13:21	23.14	79.5	5.70	4.5	SR4	12/4/2018 19:21	22.83	76.5	5.50	1.5
SR4	12/4/2018 1:26	22.75	78.6	5.65	5.4	SR4	12/4/2018 7:26	22.69	77.6	5.59	1.4	SR4	12/4/2018 13:26	23.11	81.0	5.81	2.3	SR4	12/4/2018 19:26	22.81	77.3	5.55	3.5
SR4	12/4/2018 1:31	22.75	79.1	5.69	3.2	SR4	12/4/2018 7:31	22.70	78.6	5.66	4.5	SR4	12/4/2018 13:31	23.14	81.4	6.60	3.1	SR4	12/4/2018 19:31	22.81	77.8	5.59	4.9
SR4	12/4/2018 1:36	22.75	78.9	5.67	3.7	SR4	12/4/2018 7:36	22.69	78.3	5.64	4.0	SR4	12/4/2018 13:36	23.15	81.7	5.85	3.5	SR4	12/4/2018 19:36	22.80	77.9	5.60	3.1
SR4	12/4/2018 1:41	22.75	77.8	5.60	3.9	SR4	12/4/2018 7:41	22.69	78.0	5.62	2.1	SR4	12/4/2018 13:41	23.11	81.1	5.81	4.3	SR4	12/4/2018 19:41	22.82	81.2	5.84	1.8
SR4	12/4/2018 1:46	22.73	78.4	5.64	4.3	SR4	12/4/2018 7:46	22.69	76.4	5.50	4.0	SR4	12/4/2018 13:46	23.20	80.7	5.78	1.4	SR4	12/4/2018 19:46	22.81	83.0	5.97	3.8
SR4	12/4/2018 1:51	22.74	78.6	5.65	4.1	SR4	12/4/2018 7:51	22.70	79.0	5.69	4.4	SR4	12/4/2018 13:51	23.30	81.7	5.84	2.7	SR4	12/4/2018 19:51	22.82	81.9	5.89	3.2
SR4	12/4/2018 1:56	22.73	79.9	5.75	5.0	SR4	12/4/2018 7:56	22.71	77.9	5.61	4.6	SR4	12/4/2018 13:56	23.29	82.2	5.87	2.7	SR4	12/4/2018 19:56	22.82	82.2	5.91	4.4
SR4	12/4/2018 2:01	22.72	79.2	5.70	3.5	SR4	12/4/2018 8:01	22.68	79.8	5.75	3.1	SR4	12/4/2018 14:01	23.24	83.1	5.95	3.1	SR4	12/4/2018 20:01	22.82	81.3	5.84	5.1
SR4	12/4/2018 2:06	22.72	79.8	5.75	4.8	SR4	12/4/2018 8:06	22.66	81.4	5.87	1.7	SR4	12/4/2018 14:06	23.19	82.0	5.87	2.9	SR4	12/4/2018 20:06	22.82	80.0	5.75	2.8
SR4	12/4/2018 2:11	22.68	80.9	5.83	3.9	SR4	12/4/2018 8:11	22.65	82.0	5.92	2.6	SR4	12/4/2018 14:11	23.21	81.7	5.85	3.7	SR4	12/4/2018 20:11	22.82	79.9	5.74	1.7
SR4	12/4/2018 2:16	22.67	81.2	5.85	4.5	SR4	12/4/2018 8:16	22.65	83.6	6.03	5.1	SR4	12/4/2018 14:16	22.93	80.2	5.76	1.7	SR4	12/4/2018 20:16	22.82	80.5	5.79	4.1
SR4	12/4/2018 2:21	22.68	79.1	5.70	2.5	SR4	12/4/2018 8:21	22.66	84.3	6.08	3.5	SR4	12/4/2018 14:21	22.88	80.8	5.81	2.2	SR4	12/4/2018 20:21	22.82	81.5	5.86	3.4
SR4	12/4/2018 2:26	22.68	76.4	5.51	4.1	SR4	12/4/2018 8:26	22.67	85.1	6.14	5.0	SR4	12/4/2018 14:26	22.91	82.4	5.92	4.2	SR4	12/4/2018 20:26	22.82	82.9	5.96	3.8
SR4	12/4/2018 2:31	22.67	77.9	5.61	4.2	SR4	12/4/2018 8:31	22.67	85.1	6.14	3.4	SR4	12/4/2018 14:31	22.90	83.5	6.01	1.1	SR4	12/4/2018 20:31	22.82	82.3	5.92	5.0
SR4	12/4/2018 2:36	22.66	81.5	5.88	2.9	SR4	12/4/2018 8:36	22.69	85.0	6.13	2.9	SR4	12/4/2018 14:36	22.92	84.1	6.04	1.5	SR4	12/4/2018 20:36	22.81	82.1	5.90	2.9
SR4	12/4/2018 2:41	22.66	82.6	5.96	1.5	SR4	12/4/2018 8:41	22.67	84.4	6.09	4.0	SR4	12/4/2018 14:41	22.92	83.6	6.01	4.8	SR4	12/4/2018 20:41	22.81	82.0	5.90	3.8
SR4	12/4/2018 2:46	22.66	81.9	5.90	4.0	SR4	12/4/2018 8:46	22.69	85.2	6.14	2.0	SR4	12/4/2018 14:46	22.91	84.5	6.07	4.6	SR4	12/4/2018 20:46	22.82	81.1	5.83	5.4
SR4	12/4/2018 2:51	22.65	82.0	5.92	4.2	SR4	12/4/2018 8:51	22.71	85.7	6.18	5.4	SR4	12/4/2018 14:51	22.91	84.7	6.09	5.2	SR4	12/4/2018 20:51	22.82	81.4	5.86	4.2
SR4	12/4/2018 2:56	22.65	82.2	5.93	3.1	SR4	12/4/2018 8:56	22.74	86.3	6.22	4.4	SR4	12/4/2018 14:56	22.96	85.8	6.16	3.5	SR4	12/4/2018 20:56	22.81	81.6	5.87	1.7
SR4	12/4/2018 3:01	22.65	82.0	5.92	1.5	SR4	12/4/2018 9:01	22.75	86.3	6.21	2.8	SR4	12/4/2018 15:01	22.93	85.2	6.12	1.9	SR4	12/4/2018 21:01	22.81	81.9	5.89	1.5
SR4	12/4/2018 3:06	22.64	82.2	5.93	4.5	SR4	12/4/2018 9:06	22.73	85.9	6.19	3.6	SR4	12/4/2018 15:06	23.20	77.3	5.54	5.2	SR4	12/4/2018 21:06	22.81	82.3	5.92	3.6
SR4	12/4/2018 3:11	22.63	82.2	5.93	3.4	SR4	12/4/2018 9:11	22.74	86.3	6.22	4.3	SR4	12/4/2018 15:11	23.21	77.8	5.57	5.2	SR4	12/4/2018 21:11	22.81	81.9	5.89	3.7
SR4	12/4/2018 3:16	22.66	80.6	5.81	4.7	SR4	12/4/2018 9:16	22.75	86.4	6.22	4.5	SR4	12/4/2018 15:16	23.11	79.5	5.70	3.4	SR4	12/4/2018 21:16	22.82	81.1	5.83	2.6
SR4	12/4/2018 3:21	22.66	80.6	5.82	1.5	SR4	12/4/2018 9:21	22.77	86.5	6.23	3.8	SR4	12/4/2018 15:21	23.12	79.9	5.73	2.5	SR4	12/4/2018 21:21	22.82	81.1	5.83	3.7
SR4	12/4/2018 3:26	22.66	80.9	5.84	3.0	SR4	12/4/2018 9:26	22.72	83.7	6.03	1.3	SR4	12/4/2018 15:26	23.07	82.2	5.89	5.1	SR4	12/4/2018 21:26	22.82	79.9	5.74	3.7
SR4	12/4/2018 3:31	22.66	81.0	5.84	2.3	SR4	12/4/2018 9:31	22.72	84.6	6.10	1.6	SR4	12/4/2018 15:31	23.04	82.8	5.94	4.4	SR4	12/4/2018 21:31	22.81	81.4	5.85	2.3
SR4	12/4/2018 3:36	22.65	81.2	5.85	5.2	SR4	12/4/2018 9:36	22.71	83.3	6.00	4.1	SR4	12/4/2018 15:36	23.01	84.9	6.09	1.9	SR4	12/4/2018 21:36	22.81	81.7	5.88	1.3
SR4	12/4/2018 3:41	22.62	81.5	5.88	4.2	SR4	12/4/2018 9:41	22.82	85.9	6.18	2.0	SR4	12/4/2018 15:41	23.08	83.5	5.99	4.8	SR4	12/4/2018 21:41	22.81	80.9	5.82	1.2
SR4	12/4/2018 3:46	22.62	82.2	5.94	1.7	SR4	12/4/2018 9:46	22.77	85.2	6.13	3.9	SR4	12/4/2018 15:46	23.10	81.8	5.86	3.3	SR4	12/4/2018 21:46	22.81	81.0	5.83	2.4
SR4	12/4/2018 3:51	22.60	84.6	6.11	1.8	SR4	12/4/2018 9:51	22.81	86.3	6.21	2.7	SR4	12/4/2018 15:51	22.91	83.0	5.97	3.1	SR4	12/4/2018 21:51	22.82	80.7	5.80	3.6
SR4	12/4/2018 3:56	22.59	85.7	6.19	4.1	SR4	12/4/2018 9:56	22.88	84.2	6.06	2.4	SR4	12/4/2018 15:56	22.90	83.5	6.00	1.2	SR4	12/4/2018 21:56	22.82	80.6	5.80	3.4
SR4	12/4/2018 4:01	22.58	85.4	6.17	5.1	SR4	12/4/2018 10:01	22.92	85.8	6.16	3.8	SR4	12/4/2018 16:01	22.89	84.4	6.07	1.6	SR4	12/4/2018 22:01	22.82	80.4	5.78	1.2
SR4	12/4/2018 4:06	22.59	85.3	6.16	5.0	SR4	12/4/2018 10:06	22.99	87.2	6.26	3.4	SR4	12/4/2018 16:06	22.87	84.9	6.11	3.1	SR4	12/4/2018 22:06	22.83	79.7	5.73	2.7
SR4	12/4/2018 4:11	22.58	85.5	6.18	5.2	SR4	12/4/2018 10:11	23.08	87.1	6.24	4.6	SR4	12/4/2018 16:11	22.88	83.8	6.02	2.1	SR4	12/4/2018 22:11	22.83	79.5	5.72	5.3
SR4	12/4/2018 4:16	22.59	84.3	6.09	5.1	SR4	12/4/2018 10:16	22.90	83.2	5.99	5.0	SR4	12/4/2018 16:16	22.90	83.6	6.01	1.3	SR4	12/4/2018 22:16	22.83	80.9	5.82	4.5
SR4	12/4/2018 4:21	22.61	82.1	5.93	3.8	SR4	12/4/2018 10:21	22.89	83.3	5.99	1.6	SR4	12/4/2018 16:21	22.90	83.3	5.98	2.5	SR4	12/4/2018 22:21	22.83	80.0	5.75	2.7
SR4	12/4/2018 4:26	22.64	81.9	5.91	4.2	SR4	12/4/2018 10:26	22.97	85.9	6.17	2.6	SR4	12/4/2018 16:26	22.89	84.3	6.06	2.5	SR4	12/4/2018 22:26	22.84	78.3	5.63	4.3
SR4	12/4/2018 4:31	22.65	81.6	5.89	2.5	SR4	12/4/2018 10:31	22.97	85.1	6.11	5.1	SR4	12/4/2018 16:31	22.89	84.4	6.07	3.8	SR4	12/4/2018 22:31	22.84	75.7	5.44	1.2
SR4	12/4/2018 4:36	22.66	82.4	5.94	4.5	SR4	12/4/2018 10:36	22.94	83.3	5.99	2.3	SR4	12/4/2018 16:36	22.89	84.0	6.04	1.3	SR4	12/4/2018 22:36	22.85	73.1	5.26	1.6
SR4	12/4/2018 4:41	22.66	81.1	5.84	1.4	SR4	12/4/2018 10:41	22.96	83.8	6.02	2.8	SR4	12/4/2018 16:41	22.90	83.8	6.02	2.1	SR4	12/4/2018 22:41	22.85	74.4	5.35	4.1
SR4	12/4/2018 4:46	22.64	80.4	5.80	3.2	SR4	12/4/2018 10:46	22.91	83.7	6.02	4.5	SR4	12/4/2018 16:46	22.90	83.8	6.02	1.6	SR4	12/4/2018 22:46	22.84	77.3	5.56	3.8
SR4	12/4/2018 4:51	22.66	77.9	5.61	4.9	SR4	12/4/2018 10:51	22.93	84.6	6.09	5.0	SR4	12/4/2018 16:51	22.91	83.8	6.02	2.1	SR4	12/4/2018 22:51	22.84	77.4	5.57	1.7
SR4	12/4/2018 4:56	22.63	74.6	5.38	2.8	SR4	12/4/2018 10:56	22.92	84.3	6.06	4.8	SR4	12/4/2018 16:56	22.91	82.3	5.91	4.5	SR4	12/4/2018 22:56	22.88	77.0	5.53	3.8
SR4	12/4/2018 5:01	22.64	76.9	5.54	1.4	SR4	12/4/2018 11:01	22.94	85.3	6.14	1.5	SR4	12/4/2018 17:01	22.91	83.1	5.97	3.6	SR4	12/4/2018 23:01	22.91	78.7	5.65	1.4
SR4	12/4/2018 5:06	22.65	78.8	5.68	1.7	SR4	12/4/2018 11:06	22.92	84.6	6.08	3.8	SR4	12/4/2018 17:06	22.91	82.4	5.92	2.2	SR4	12/4/2018 23:06	22.90	79.3	5.70	2.5
SR4	12/4/2018 5:11	22.66	79.4	5.73	4.9	SR4	12/4/2018 11:11	22.97	84.8	6.10	3.3	SR4	12/4/2018 17:11	22.90	82.3	5.92	1.9	SR4	12/4/2018 23:11	22.96	79.3	5.69	4.7
SR4	12/4/2018 5:16	22.65	80.5	5.81	1.7	SR4	12/4/2018 11:16	22.93	84.7	6.09	2.6	SR4	12/4/2018 17:16	22.91	81.6	5.86	3.5	SR4	12/4/2018 23:16	23.07	75.5	5.41	5.3
SR4	12/4/2018 5:21	22.65	78.4	5.65	2.4	SR4	12/4/2018 11:21	22.94	85.1	6.12	4.8	SR4	12/4/2018 17:21	22.90	81.3	5.84	3.1	SR4	12/4/2018 23:21	22.96	77.7	5.58	2.2
SR4	12/4/2018 5:26	22.65	77.8	5.61	5.3	SR4	12/4/2018 11:26	22.95	84.7	6.09	4.5	SR4	12/4/2018 17:26	22.88	81.6	5.86	2.3	SR4	12/4/2018 23:26	22.87	79.0	5.68	5.2
SR4	12/4/2018 5:31	22.65	78.7	5.67	5.2	SR4	12/4/2018 11:31	22.96	84.7	6.09	2.1	SR4	12/4/2018 17:31	22.89	80.3	5.77	3.8	SR4	12/4/2018 23:31	22.89	77.2	5.55	3.0
SR4	12/4/2018 5:36	22.65	78.8	5.68	3.8	SR4	12/4/2018 11:36	22.97	84.8	6.09	3.0	SR4	12/4/2018 17:36	22.87	80.1	5.76	1.9	SR4	12/4/2018 23:36	22.87	78.9	5.67	5.1
SR4	12/4/2018 5:41	22.66	77.5	5.59	4.7	SR4	12/4/2018 11:41	22.97	85.0	6.11	4.6	SR4	12/4/2018 17:41	22.87	78.9	5.67	2.1	SR4	12/4/2018 23:41	22.87	77.8	5.60	3.1
SR4	12/4/2018 5:46	22.65	78.3	5.64	1.6	SR4	12/4/2018 11:46	23.01	85.2	6.12	5.4	SR4	12/4/2018 17:46	22.87	79.6	5.72	1.0	SR4	12/4/2018 23:46	22.87	78.3	5.63	4.1
SR4	12/4/2018 5:51	22.65	76.8	5.54	2.5	SR4	12/4/2018 11:51	23.00	84.9	6.10	5.3	SR4	12/4/2018 17:51	22.86	78.5	5.64	1.1	SR4	12/4/2018 23:51	22.88	77.2	5.55	4.2
SR4	12/4/2018 5:56	22.65	77.5	5.59	2.2	SR4	12/4/2018 11:56	23.02	84.3	6.06	2.5	SR4	12/4/2018 17:56	22.86	77.6	5.57	1.4	SR4	12/4/2018 23:56	22.88	77.0	5.53	2.9

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/4/2018 0:00	23.35	91.7	6.56	5.3	SR5	12/4/2018 6:00	23.29	90.6	6.48	1.9	SR5	12/4/2018 12:00	23.42	93.1	6.65	4.0	SR5	12/4/2018 18:00	23.37	91.7	6.55	3.2
SR5	12/4/2018 0:05	23.31	91.1	6.52	2.9	SR5	12/4/2018 6:05	23.29	90.9	6.50	3.1	SR5	12/4/2018 12:05	23.40	92.4	6.60	4.7	SR5	12/4/2018 18:05	23.37	91.4	6.53	4.4
SR5	12/4/2018 0:10	23.35	92.2	6.59	2.1	SR5	12/4/2018 6:10	23.35	89.3	6.39	2.5	SR5	12/4/2018 12:10	23.45	93.3	6.67	4.2	SR5	12/4/2018 18:10	23.34	89.9	6.43	2.0
SR5	12/4/2018 0:15	23.29	91.2	6.53	4.7	SR5	12/4/2018 6:15	23.29	91.4	6.53	4.0	SR5	12/4/2018 12:15	23.42	92.6	6.62	3.0	SR5	12/4/2018 18:15	23.38	89.7	6.41	4.3
SR5	12/4/2018 0:20	23.30	91.1	6.52	2.8	SR5	12/4/2018 6:20	23.32	90.6	6.48	3.6	SR5	12/4/2018 12:20	23.41	91.6	6.55	3.8	SR5	12/4/2018 18:20	23.32	91.1	6.51	3.6
SR5	12/4/2018 0:25	23.35	90.7	6.49	3.4	SR5	12/4/2018 6:25	23.34	90.3	6.46	4.1	SR5	12/4/2018 12:25	23.41	93.5	6.68	3.4	SR5	12/4/2018 18:25	23.34	90.8	6.49	1.8
SR5	12/4/2018 0:30	23.30	91.3	6.53	3.7	SR5	12/4/2018 6:30	23.29	90.9	6.50	3.0	SR5	12/4/2018 12:30	23.43	93.7	6.69	2.9	SR5	12/4/2018 18:30	23.35	90.7	6.48	5.0
SR5	12/4/2018 0:35	23.30	92.1	6.59	4.6	SR5	12/4/2018 6:35	23.32	88.5	6.33	4.2	SR5	12/4/2018 12:35	23.43	91.7	6.56	3.4	SR5	12/4/2018 18:35	23.36	88.9	6.36	4.0
SR5	12/4/2018 0:40	23.31	90.3	6.46	3.4	SR5	12/4/2018 6:40	23.29	89.9	6.43	4.5	SR5	12/4/2018 12:40	23.43	91.7	6.56	4.1	SR5	12/4/2018 18:40	23.36	89.4	6.39	2.7
SR5	12/4/2018 0:45	23.35	90.1	6.45	2.3	SR5	12/4/2018 6:45	23.30	90.0	6.44	5.2	SR5	12/4/2018 12:45	23.41	92.2	6.59	2.2	SR5	12/4/2018 18:45	23.35	89.1	6.37	4.8
SR5	12/4/2018 0:50	23.35	90.1	6.44	3.9	SR5	12/4/2018 6:50	23.36	88.1	6.30	2.5	SR5	12/4/2018 12:50	23.44	91.2	6.52	4.0	SR5	12/4/2018 18:50	23.31	90.6	6.48	4.9
SR5	12/4/2018 0:55	23.34	90.8	6.49	2.3	SR5	12/4/2018 6:55	23.33	89.5	6.40	2.6	SR5	12/4/2018 12:55	23.38	92.8	6.64	3.0	SR5	12/4/2018 18:55	23.33	89.1	6.37	4.5
SR5	12/4/2018 1:00	23.36	91.5	6.55	3.0	SR5	12/4/2018 7:00	23.33	89.3	6.39	2.4	SR5	12/4/2018 13:00	23.45	90.5	6.59	2.8	SR5	12/4/2018 19:00	23.36	88.9	6.36	3.1
SR5	12/4/2018 1:05	23.31	90.6	6.48	2.4	SR5	12/4/2018 7:05	23.29	91.2	6.53	3.7	SR5	12/4/2018 13:05	23.40	91.7	6.56	2.3	SR5	12/4/2018 19:05	23.34	90.7	6.48	1.5
SR5	12/4/2018 1:10	23.33	91.9	6.57	4.4	SR5	12/4/2018 7:10	23.35	91.5	6.55	3.5	SR5	12/4/2018 13:10	23.43	92.0	6.58	5.4	SR5	12/4/2018 19:10	23.36	90.8	6.49	3.8
SR5	12/4/2018 1:15	23.35	90.9	6.50	2.6	SR5	12/4/2018 7:15	23.31	90.2	6.45	2.7	SR5	12/4/2018 13:15	23.46	89.7	6.41	3.9	SR5	12/4/2018 19:15	23.34	89.8	6.42	3.0
SR5	12/4/2018 1:20	23.31	91.3	6.53	3.8	SR5	12/4/2018 7:20	23.33	90.2	6.45	3.4	SR5	12/4/2018 13:20	23.42	91.4	6.53	5.0	SR5	12/4/2018 19:20	23.31	90.6	6.48	4.5
SR5	12/4/2018 1:25	23.31	91.6	6.55	5.3	SR5	12/4/2018 7:25	23.33	89.7	6.42	2.7	SR5	12/4/2018 13:25	23.44	91.5	6.54	4.6	SR5	12/4/2018 19:25	23.37	90.1	6.44	4.1
SR5	12/4/2018 1:30	23.34	89.8	6.42	4.5	SR5	12/4/2018 7:30	23.37	90.4	6.46	2.5	SR5	12/4/2018 13:30	23.47	92.0	6.77	3.6	SR5	12/4/2018 19:30	23.32	89.5	6.40	4.8
SR5	12/4/2018 1:35	23.35	90.1	6.44	2.0	SR5	12/4/2018 7:35	23.34	90.4	6.47	2.4	SR5	12/4/2018 13:35	23.43	90.8	6.48	2.6	SR5	12/4/2018 19:35	23.33	90.0	6.43	3.6
SR5	12/4/2018 1:40	23.33	90.5	6.47	2.5	SR5	12/4/2018 7:40	23.32	91.6	6.55	3.1	SR5	12/4/2018 13:40	23.44	90.7	6.48	4.1	SR5	12/4/2018 19:40	23.32	92.4	6.60	3.6
SR5	12/4/2018 1:45	23.36	89.3	6.39	2.8	SR5	12/4/2018 7:45	23.38	90.9	6.50	5.2	SR5	12/4/2018 13:45	23.43	91.5	6.53	2.5	SR5	12/4/2018 19:45	23.36	90.7	6.48	2.5
SR5	12/4/2018 1:50	23.33	91.6	6.55	4.7	SR5	12/4/2018 7:50	23.32	89.7	6.42	2.4	SR5	12/4/2018 13:50	23.50	92.2	6.58	2.9	SR5	12/4/2018 19:50	23.32	90.1	6.44	2.0
SR5	12/4/2018 1:55	23.33	89.8	6.42	4.2	SR5	12/4/2018 7:55	23.33	91.3	6.53	2.5	SR5	12/4/2018 13:55	23.46	91.9	6.56	3.6	SR5	12/4/2018 19:55	23.34	92.0	6.57	4.3
SR5	12/4/2018 2:00	23.32	89.7	6.41	3.7	SR5	12/4/2018 8:00	23.31	91.2	6.52	4.1	SR5	12/4/2018 14:00	23.45	91.3	6.52	3.2	SR5	12/4/2018 20:00	23.37	90.3	6.46	3.9
SR5	12/4/2018 2:05	23.32	91.4	6.54	3.5	SR5	12/4/2018 8:05	23.35	91.4	6.54	4.2	SR5	12/4/2018 14:05	23.42	90.3	6.45	3.6	SR5	12/4/2018 20:05	23.36	92.6	6.62	3.2
SR5	12/4/2018 2:10	23.32	91.3	6.53	3.5	SR5	12/4/2018 8:10	23.32	93.2	6.67	3.0	SR5	12/4/2018 14:10	23.47	90.9	6.49	4.8	SR5	12/4/2018 20:10	23.33	92.1	6.59	4.0
SR5	12/4/2018 2:15	23.30	90.1	6.44	2.7	SR5	12/4/2018 8:15	23.32	93.1	6.66	5.3	SR5	12/4/2018 14:15	23.36	91.8	6.56	2.7	SR5	12/4/2018 20:15	23.32	90.4	6.47	4.9
SR5	12/4/2018 2:20	23.34	90.4	6.47	2.9	SR5	12/4/2018 8:20	23.36	91.7	6.56	2.7	SR5	12/4/2018 14:20	23.35	92.2	6.59	3.8	SR5	12/4/2018 20:20	23.31	93.2	6.66	3.9
SR5	12/4/2018 2:25	23.30	90.4	6.46	2.4	SR5	12/4/2018 8:25	23.35	91.6	6.56	4.4	SR5	12/4/2018 14:25	23.40	91.8	6.56	4.1	SR5	12/4/2018 20:25	23.36	91.4	6.53	3.9
SR5	12/4/2018 2:30	23.32	90.4	6.46	3.0	SR5	12/4/2018 8:30	23.36	92.8	6.64	2.5	SR5	12/4/2018 14:30	23.36	92.3	6.60	2.2	SR5	12/4/2018 20:30	23.30	92.6	6.62	4.3
SR5	12/4/2018 2:35	23.33	89.9	6.43	2.1	SR5	12/4/2018 8:35	23.35	93.2	6.66	2.7	SR5	12/4/2018 14:35	23.41	92.7	6.62	1.4	SR5	12/4/2018 20:35	23.31	92.4	6.60	4.1
SR5	12/4/2018 2:40	23.29	90.2	6.45	2.7	SR5	12/4/2018 8:40	23.36	91.1	6.52	2.9	SR5	12/4/2018 14:40	23.36	91.2	6.52	2.9	SR5	12/4/2018 20:40	23.30	91.6	6.55	3.2
SR5	12/4/2018 2:45	23.29	91.8	6.57	3.6	SR5	12/4/2018 8:45	23.36	93.3	6.67	2.7	SR5	12/4/2018 14:45	23.38	90.8	6.49	4.3	SR5	12/4/2018 20:45	23.30	92.9	6.62	3.0
SR5	12/4/2018 2:50	23.31	91.1	6.52	2.3	SR5	12/4/2018 8:50	23.32	92.1	6.59	2.9	SR5	12/4/2018 14:50	23.38	92.3	6.60	4.9	SR5	12/4/2018 20:50	23.34	92.2	6.58	4.5
SR5	12/4/2018 2:55	23.33	90.6	6.48	2.9	SR5	12/4/2018 8:55	23.34	92.7	6.63	4.1	SR5	12/4/2018 14:55	23.42	92.2	6.59	2.3	SR5	12/4/2018 20:55	23.28	92.4	6.59	3.0
SR5	12/4/2018 3:00	23.33	92.2	6.59	2.7	SR5	12/4/2018 9:00	23.36	93.5	6.69	4.4	SR5	12/4/2018 15:00	23.36	91.5	6.55	2.6	SR5	12/4/2018 21:00	23.30	91.3	6.51	2.3
SR5	12/4/2018 3:05	23.28	91.7	6.56	4.3	SR5	12/4/2018 9:05	23.33	92.9	6.65	5.2	SR5	12/4/2018 15:05	23.43	91.0	6.50	4.6	SR5	12/4/2018 21:05	23.29	92.8	6.61	2.1
SR5	12/4/2018 3:10	23.32	91.4	6.54	3.4	SR5	12/4/2018 9:10	23.36	94.2	6.74	2.7	SR5	12/4/2018 15:10	23.45	89.0	6.35	3.6	SR5	12/4/2018 21:10	23.33	91.3	6.51	3.9
SR5	12/4/2018 3:15	23.35	89.7	6.41	3.3	SR5	12/4/2018 9:15	23.34	92.7	6.64	4.6	SR5	12/4/2018 15:15	23.44	90.2	6.44	3.0	SR5	12/4/2018 21:15	23.30	91.6	6.53	2.3
SR5	12/4/2018 3:20	23.33	90.9	6.50	3.6	SR5	12/4/2018 9:20	23.37	92.2	6.60	2.5	SR5	12/4/2018 15:20	23.43	91.0	6.50	3.1	SR5	12/4/2018 21:20	23.31	90.3	6.44	3.4
SR5	12/4/2018 3:25	23.30	90.6	6.48	1.8	SR5	12/4/2018 9:25	23.33	92.2	6.60	1.6	SR5	12/4/2018 15:25	23.39	89.6	6.40	4.3	SR5	12/4/2018 21:25	23.33	90.8	6.47	4.8
SR5	12/4/2018 3:30	23.29	89.4	6.40	3.6	SR5	12/4/2018 9:30	23.37	93.0	6.65	4.4	SR5	12/4/2018 15:30	23.40	90.3	6.45	2.6	SR5	12/4/2018 21:30	23.30	91.2	6.50	4.1
SR5	12/4/2018 3:35	23.28	91.8	6.56	2.7	SR5	12/4/2018 9:35	23.34	92.9	6.65	4.6	SR5	12/4/2018 15:35	23.41	91.6	6.55	3.2	SR5	12/4/2018 21:35	23.29	90.4	6.45	2.6
SR5	12/4/2018 3:40	23.28	89.4	6.40	3.5	SR5	12/4/2018 9:40	23.35	93.0	6.66	4.4	SR5	12/4/2018 15:40	23.43	91.9	6.57	2.6	SR5	12/4/2018 21:40	23.35	91.0	6.49	3.5
SR5	12/4/2018 3:45	23.30	91.5	6.55	2.1	SR5	12/4/2018 9:45	23.39	92.9	6.65	3.5	SR5	12/4/2018 15:45	23.39	91.1	6.51	3.6	SR5	12/4/2018 21:45	23.32	92.0	6.56	3.9
SR5	12/4/2018 3:50	23.33	92.7	6.63	2.6	SR5	12/4/2018 9:50	23.36	93.9	6.72	4.2	SR5	12/4/2018 15:50	23.35	91.0	6.51	3.4	SR5	12/4/2018 21:50	23.30	92.1	6.56	5.1
SR5	12/4/2018 3:55	23.28	92.3	6.60	4.4	SR5	12/4/2018 9:55	23.41	92.3	6.61	3.1	SR5	12/4/2018 15:55	23.35	91.7	6.56	2.5	SR5	12/4/2018 21:55	23.33	90.4	6.44	4.3
SR5	12/4/2018 4:00	23.30	92.9	6.65	4.1	SR5	12/4/2018 10:00	23.39	94.6	6.76	2.6	SR5	12/4/2018 16:00	23.37	92.8	6.63	4.4	SR5	12/4/2018 22:00	23.30	92.7	6.61	3.6
SR5	12/4/2018 4:05	23.27	91.0	6.51	3.7	SR5	12/4/2018 10:05	23.43	93.8	6.71	4.4	SR5	12/4/2018 16:05	23.35	93.2	6.66	4.5	SR5	12/4/2018 22:05	23.29	91.1	6.49	3.2
SR5	12/4/2018 4:10	23.31	91.9	6.58	4.3	SR5	12/4/2018 10:10	23.44	92.6	6.62	3.6	SR5	12/4/2018 16:10	23.38	92.0	6.58	3.7	SR5	12/4/2018 22:10	23.35	90.8	6.47	4.9
SR5	12/4/2018 4:15	23.32	92.1	6.59	5.3	SR5	12/4/2018 10:15	23.37	92.7	6.63	3.3	SR5	12/4/2018 16:15	23.39	92.0	6.57	2.7	SR5	12/4/2018 22:15	23.33	92.7	6.61	3.7
SR5	12/4/2018 4:20	23.28	89.9	6.44	3.8	SR5	12/4/2018 10:20	23.40	93.3	6.67	1.9	SR5	12/4/2018 16:20	23.35	90.7	6.48	3.1	SR5	12/4/2018 22:20	23.32	92.7	6.60	3.7
SR5	12/4/2018 4:25	23.28	90.9	6.50	4.4	SR5	12/4/2018 10:25	23.41	94.3	6.74	4.0	SR5	12/4/2018 16:25	23.36	91.8	6.56	3.6	SR5	12/4/2018 22:25	23.34	92.8	6.61	3.2
SR5	12/4/2018 4:30	23.34	89.5	6.41	3.0	SR5	12/4/2018 10:30	23.38	93.9	6.71	4.0	SR5	12/4/2018 16:30	23.33	91.7	6.55	3.0	SR5	12/4/2018 22:30	23.29	89.6	6.39	2.3
SR5	12/4/2018 4:35	23.34	90.3	6.46	3.3	SR5	12/4/2018 10:35	23.41	92.5	6.61	2.0	SR5	12/4/2018 16:35	23.37	91.1	6.51	2.2	SR5	12/4/2018 22:35	23.30	91.2	6.50	3.5
SR5	12/4/2018 4:40	23.32	91.3	6.53	2.1	SR5	12/4/2018 10:40	23.40	93.4	6.68	4.0	SR5	12/4/2018 16:40	23.36	90.1	6.44	2.1	SR5	12/4/2018 22:40	23.29	90.3	6.44	5.3
SR5	12/4/2018 4:45	23.34	90.7	6.49	4.2	SR5						SR5	12/4/2018 16:45	23.35	91.9	6.57	2.1	SR5	12/4/2018 22:45	23.32	91.7	6.54	4.3
SR5	12/4/2018 4:50	23.34	89.0	6.36	4.6	SR5						SR5	12/4/2018 16:50	23.39	90.3	6.45	2.6	SR5	12/4/2018 22:50	23.34	90.2	6.43	4.2
SR5	12/4/2018 4:55	23.34	88.5	6.33	4.5	SR5						SR5	12/4/2018 16:55	23.39	92.1	6.58	2.0	SR5	12/4/2018 22:55	23.32	91.6	6.53	2.6
SR5	12/4/2018 5:00	23.29	89.8	6.42	4.0	SR5						SR5	12/4/2018 17:00	23.36	91.4	6.53	5.2	SR5	12/4/2018 23:00	23.33	91.2	6.50	2.3
SR5	12/4/2018 5:05	23.28	90.6	6.48	1.9	SR5						SR5	12/4/2018 17:05	23.35	90.1	6.44	3.1	SR5	12/4/2018 23:05	23.29	91.9	6.55	3.5
SR5	12/4/2018 5:10	23.31	89.3	6.39	2.3	SR5						SR5	12/4/2018 17:10	23.39	90.5	6.47	1.9	SR5	12/4/2018 23:10	23.32	91.9	6.55	3.9
SR5	12/4/2018 5:15	23.29	91.0	6.51	2.5	SR5	12/4/2018 11:15	23.41	91.8	6.56	3.9	SR5	12/4/2018 17:15	23.34	90.5	6.47	4.1	SR5	12/4/2018 23:15	23.38	92.2	6.56	4.0
SR5	12/4/2018 5:20	23.33	90.8	6.49	4.5	SR5	12/4/2018 11:20	23.42	91.1	6.51	3.3	SR5	12/4/2018 17:20	23.35	91.6	6.55	1.8	SR5	12/4/2018 23:20	23.37	90.6	6.46	4.2
SR5	12/4/2018 5:25	23.29	90.5	6.48	2.5	SR5	12/4/2018 11:25	23.39	92.9	6.64	2.5	SR5	12/4/2018 17:25	23.36	90.8	6.49	2.3	SR5	12/4/2018 23:25	23.33	92.9	6.62	4.3
SR5	12/4/2018 5:30	23.33	90.1	6.44	3.1	SR5	12/4/2018 11:30	23.42	93.4	6.68	2.6	SR5	12/4/2018 17:30	23.37	91.1	6.51	4.0	SR5	12/4/2018 23:30	23.35	90.5	6.45	3.9
SR5	12/4/2018 5:35	23.30	92.0	6.58	4.2	SR5	12/4/2018 11:35	23.43	91.9	6.57	2.4	SR5	12/4/2018 17:35	23.37	90.0	6.43	2.8	SR5	12/4/2018 23:35	23.35	90.8	6.47	5.0
SR5	12/4/2018 5:40	23.33	90.1	6.45	4.6	SR5	12/4/2018 11:40	23.38	92.0	6.58	4.0	SR5	12/4/2018 17:40	23.34	91.6	6.54	3.2	SR5	12/4/2018 23:40	23.35	90.7	6.47	3.4
SR5	12/4/2018 5:45	23.30	91.0	6.51	1.5	SR5	12/4/2018 11:45	23.41	92.8	6.64	5.2	SR5	12/4/2018 17:45	23.39	91.5	6.54	2.0	SR5	12/4/2018 23:45	23.30	91.1	6.50	5.6
SR5	12/4/2018 5:50	23.31	90.1	6.44	1.9	SR5	12/4/2018 11:50	23.43	93.2	6.67	3.2	SR5	12/4/2018 17:50	23.39	89.5	6.40	1.2	SR5	12/4/2018 23:50	23.33	89.8	6.40	4.6
SR5	12/4/2018 5:55	23.32	89.8	6.42	3.5	SR5	12/4/2018 11:55	23.38	92.4	6.61	4.8	SR5	12/4/2018 17:55	23.37	90.8	6.49	3.2	SR5	12/4/2018 23:55	23.34	91.6	6.52	3.0

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/4/2018 0:01	24.33	78.8	5.84	4.2	SR12	12/4/2018 6:01	24.46	71.1	5.27	2.4	SR12	12/4/2018 12:01	24.45	75.5	5.59	4.4	SR12	12/4/2018 18:01	24.36	74.4	5.51	4.7
SR12	12/4/2018 0:06	24.31	80.6	5.97	4.5	SR12	12/4/2018 6:06	24.47	71.4	5.29	3.1	SR12	12/4/2018 12:06	24.46	75.9	5.62	3.9	SR12	12/4/2018 18:06	24.37	73.8	5.47	4.9
SR12	12/4/2018 0:11	24.32	80.5	5.96	3.7	SR12	12/4/2018 6:11	24.46	71.7	5.31	3.0	SR12	12/4/2018 12:11	24.46	75.3	5.58	4.8	SR12	12/4/2018 18:11	24.39	73.8	5.47	4.3
SR12	12/4/2018 0:16	24.30	79.9	5.92	3.4	SR12	12/4/2018 6:16	24.45	71.3	5.28	3.2	SR12	12/4/2018 12:16	24.47	75.6	5.60	3.1	SR12	12/4/2018 18:16	24.38	72.9	5.40	3.3
SR12	12/4/2018 0:21	24.32	79.1	5.86	2.7	SR12	12/4/2018 6:21	24.45	70.9	5.25	5.4	SR12	12/4/2018 12:21	24.47	75.2	5.57	4.8	SR12	12/4/2018 18:21	24.39	72.6	5.38	4.7
SR12	12/4/2018 0:26	24.32	79.4	5.88	3.4	SR12	12/4/2018 6:26	24.48	71.1	5.27	3.1	SR12	12/4/2018 12:26	24.46	75.9	5.62	5.3	SR12	12/4/2018 18:26	24.38	72.1	5.34	2.4
SR12	12/4/2018 0:31	24.33	79.4	5.88	4.0	SR12	12/4/2018 6:31	24.46	71.1	5.27	2.7	SR12	12/4/2018 12:31	24.47	74.7	5.53	4.4	SR12	12/4/2018 18:31	24.35	73.7	5.46	4.8
SR12	12/4/2018 0:36	24.34	79.4	5.88	3.3	SR12	12/4/2018 6:36	24.46	71.1	5.27	3.2	SR12	12/4/2018 12:36	24.46	74.8	5.54	5.3	SR12	12/4/2018 18:36	24.37	73.2	5.42	4.8
SR12	12/4/2018 0:41	24.36	77.6	5.75	4.1	SR12	12/4/2018 6:41	24.46	70.6	5.23	4.6	SR12	12/4/2018 12:41	24.46	74.9	5.55	5.5	SR12	12/4/2018 18:41	24.37	73.2	5.42	4.4
SR12	12/4/2018 0:46	24.36	76.8	5.69	2.9	SR12	12/4/2018 6:46	24.46	71.4	5.29	5.2	SR12	12/4/2018 12:46	24.46	74.8	5.54	4.1	SR12	12/4/2018 18:46	24.38	72.9	5.40	5.5
SR12	12/4/2018 0:51	24.37	76.3	5.65	4.9	SR12	12/4/2018 6:51	24.46	71.3	5.28	3.4	SR12	12/4/2018 12:51	24.46	74.3	5.50	4.5	SR12	12/4/2018 18:51	24.37	72.5	5.37	4.1
SR12	12/4/2018 0:56	24.40	74.8	5.54	2.1	SR12	12/4/2018 6:56	24.47	73.6	5.45	4.0	SR12	12/4/2018 12:56	24.46	74.4	5.51	4.0	SR12	12/4/2018 18:56	24.37	72.4	5.36	3.4
SR12	12/4/2018 1:01	24.42	73.7	5.46	2.6	SR12	12/4/2018 7:01	24.48	73.7	5.46	3.5	SR12	12/4/2018 13:01	24.46	74.3	5.50	4.5	SR12	12/4/2018 19:01	24.37	73.0	5.41	5.2
SR12	12/4/2018 1:06	24.42	74.5	5.52	2.3	SR12	12/4/2018 7:06	24.45	73.3	5.43	2.9	SR12	12/4/2018 13:06	24.46	74.4	5.51	2.4	SR12	12/4/2018 19:06	24.37	72.9	5.40	2.4
SR12	12/4/2018 1:11	24.42	74.1	5.49	3.8	SR12	12/4/2018 7:11	24.48	73.3	5.43	5.1	SR12	12/4/2018 13:11	24.46	74.4	5.51	4.8	SR12	12/4/2018 19:11	24.37	73.2	5.42	3.7
SR12	12/4/2018 1:16	24.43	73.4	5.44	3.7	SR12	12/4/2018 7:16	24.47	72.6	5.38	4.5	SR12	12/4/2018 13:16	24.46	74.1	5.49	4.7	SR12	12/4/2018 19:16	24.37	73.4	5.44	3.4
SR12	12/4/2018 1:21	24.44	73.7	5.46	3.9	SR12	12/4/2018 7:21	24.46	72.5	5.37	5.5	SR12	12/4/2018 13:21	24.46	73.8	5.47	4.5	SR12	12/4/2018 19:21	24.37	75.5	5.59	5.1
SR12	12/4/2018 1:26	24.44	73.2	5.42	4.8	SR12	12/4/2018 7:26	24.45	73.0	5.41	3.5	SR12	12/4/2018 13:26	24.46	73.6	5.45	4.8	SR12	12/4/2018 19:26	24.38	73.6	5.45	5.0
SR12	12/4/2018 1:31	24.43	72.5	5.37	4.0	SR12	12/4/2018 7:31	24.47	73.2	5.42	2.5	SR12	12/4/2018 13:31	24.46	73.6	5.45	2.2	SR12	12/4/2018 19:31	24.37	74.3	5.50	4.6
SR12	12/4/2018 1:36	24.44	72.4	5.36	3.0	SR12	12/4/2018 7:36	24.55	74.3	5.50	4.2	SR12	12/4/2018 13:36	24.46	73.0	5.41	3.2	SR12	12/4/2018 19:36	24.38	73.0	5.41	5.5
SR12	12/4/2018 1:41	24.44	72.9	5.40	3.9	SR12	12/4/2018 7:41	24.52	73.4	5.44	4.5	SR12	12/4/2018 13:41	24.45	73.2	5.42	3.0	SR12	12/4/2018 19:41	24.38	72.4	5.36	3.5
SR12	12/4/2018 1:46	24.45	72.0	5.33	3.6	SR12	12/4/2018 7:46	24.52	73.7	5.46	4.5	SR12	12/4/2018 13:46	24.45	73.4	5.44	4.9	SR12	12/4/2018 19:46	24.37	73.6	5.45	3.5
SR12	12/4/2018 1:51	24.45	72.6	5.38	3.0	SR12	12/4/2018 7:51	24.53	73.0	5.41	2.8	SR12	12/4/2018 13:51	24.44	73.7	5.46	3.0	SR12	12/4/2018 19:51	24.37	73.0	5.41	2.8
SR12	12/4/2018 1:56	24.45	72.1	5.34	5.3	SR12	12/4/2018 7:56	24.53	73.4	5.44	3.5	SR12	12/4/2018 13:56	24.44	73.4	5.44	3.5	SR12	12/4/2018 19:56	24.38	72.8	5.39	5.2
SR12	12/4/2018 2:01	24.45	72.6	5.38	2.9	SR12	12/4/2018 8:01	24.52	73.3	5.43	4.0	SR12	12/4/2018 14:01	24.44	73.2	5.42	4.0	SR12	12/4/2018 20:01	24.37	73.7	5.46	2.2
SR12	12/4/2018 2:06	24.45	72.6	5.38	3.1	SR12	12/4/2018 8:06	24.50	74.9	5.55	5.4	SR12	12/4/2018 14:06	24.44	73.2	5.42	3.9	SR12	12/4/2018 20:06	24.36	74.5	5.52	5.5
SR12	12/4/2018 2:11	24.43	72.1	5.34	4.7	SR12	12/4/2018 8:11	24.50	76.1	5.64	4.0	SR12	12/4/2018 14:11	24.44	73.2	5.42	4.2	SR12	12/4/2018 20:11	24.36	74.7	5.53	3.3
SR12	12/4/2018 2:16	24.44	72.0	5.33	5.0	SR12	12/4/2018 8:16	24.50	75.5	5.59	5.5	SR12	12/4/2018 14:16	24.44	73.3	5.43	2.0	SR12	12/4/2018 20:16	24.36	74.8	5.54	4.8
SR12	12/4/2018 2:21	24.45	72.8	5.39	3.0	SR12	12/4/2018 8:21	24.49	76.0	5.63	3.6	SR12	12/4/2018 14:21	24.43	73.0	5.41	4.0	SR12	12/4/2018 20:21	24.36	75.2	5.57	5.5
SR12	12/4/2018 2:26	24.44	71.7	5.31	3.4	SR12	12/4/2018 8:26	24.49	75.7	5.61	4.1	SR12	12/4/2018 14:26	24.44	73.6	5.45	4.4	SR12	12/4/2018 20:26	24.36	74.0	5.48	4.3
SR12	12/4/2018 2:31	24.43	71.8	5.32	3.8	SR12	12/4/2018 8:31	24.49	75.6	5.60	2.4	SR12	12/4/2018 14:31	24.42	73.7	5.46	4.5	SR12	12/4/2018 20:31	24.36	73.7	5.46	5.4
SR12	12/4/2018 2:36	24.44	72.4	5.36	4.4	SR12	12/4/2018 8:36	24.50	74.7	5.53	3.1	SR12	12/4/2018 14:36	24.43	74.0	5.48	2.0	SR12	12/4/2018 20:36	24.36	74.0	5.48	5.5
SR12	12/4/2018 2:41	24.44	72.1	5.34	3.4	SR12	12/4/2018 8:41	24.56	74.3	5.50	3.8	SR12	12/4/2018 14:41	24.42	73.6	5.45	5.0	SR12	12/4/2018 20:41	24.35	74.7	5.53	5.5
SR12	12/4/2018 2:46	24.44	71.7	5.31	2.2	SR12	12/4/2018 8:46	24.50	73.7	5.46	3.0	SR12	12/4/2018 14:46	24.42	72.6	5.38	3.0	SR12	12/4/2018 20:46	24.28	75.5	5.51	4.7
SR12	12/4/2018 2:51	24.44	71.4	5.29	2.0	SR12	12/4/2018 8:51	24.51	76.0	5.63	3.2	SR12	12/4/2018 14:51	24.42	72.0	5.33	5.4	SR12	12/4/2018 20:51	24.28	74.9	5.47	4.0
SR12	12/4/2018 2:56	24.43	70.6	5.23	3.6	SR12	12/4/2018 8:56	24.52	74.1	5.49	5.4	SR12	12/4/2018 14:56	24.43	72.5	5.37	3.2	SR12	12/4/2018 20:56	24.28	75.2	5.49	6.0
SR12	12/4/2018 3:01	24.43	71.3	5.28	3.7	SR12	12/4/2018 9:01	24.50	77.0	5.70	4.6	SR12	12/4/2018 15:01	24.43	73.0	5.41	3.4	SR12	12/4/2018 21:01	24.29	75.6	5.52	4.1
SR12	12/4/2018 3:06	24.43	71.4	5.29	5.5	SR12	12/4/2018 9:06	24.51	76.7	5.68	5.1	SR12	12/4/2018 15:06	24.43	71.7	5.31	2.3	SR12	12/4/2018 21:06	24.26	75.4	5.50	3.8
SR12	12/4/2018 3:11	24.42	72.1	5.34	3.3	SR12	12/4/2018 9:11	24.52	76.3	5.65	3.8	SR12	12/4/2018 15:11	24.43	72.0	5.33	3.1	SR12	12/4/2018 21:11	24.23	75.1	5.48	5.9
SR12	12/4/2018 3:16	24.43	72.0	5.33	2.3	SR12	12/4/2018 9:16	24.52	76.0	5.63	4.1	SR12	12/4/2018 15:16	24.42	72.4	5.36	3.5	SR12	12/4/2018 21:16	24.27	75.4	5.50	3.6
SR12	12/4/2018 3:21	24.43	71.3	5.28	2.3	SR12	12/4/2018 9:21	24.51	75.7	5.61	5.0	SR12	12/4/2018 15:21	24.43	71.7	5.31	4.9	SR12	12/4/2018 21:21	24.25	74.1	5.41	6.2
SR12	12/4/2018 3:26	24.43	71.1	5.27	2.0	SR12	12/4/2018 9:26	24.51	76.0	5.63	3.9	SR12	12/4/2018 15:26	24.43	71.4	5.29	4.5	SR12	12/4/2018 21:26	24.26	74.8	5.46	5.5
SR12	12/4/2018 3:31	24.43	70.9	5.25	3.5	SR12	12/4/2018 9:31	24.50	75.9	5.62	3.8	SR12	12/4/2018 15:31	24.43	71.1	5.27	3.8	SR12	12/4/2018 21:31	24.25	74.4	5.43	5.0
SR12	12/4/2018 3:36	24.43	71.4	5.29	2.4	SR12	12/4/2018 9:36	24.50	76.7	5.68	2.3	SR12	12/4/2018 15:36	24.43	71.1	5.27	3.7	SR12	12/4/2018 21:36	24.27	75.1	5.48	4.8
SR12	12/4/2018 3:41	24.43	70.3	5.21	4.0	SR12	12/4/2018 9:41	24.50	76.3	5.65	4.0	SR12	12/4/2018 15:41	24.42	71.6	5.30	2.8	SR12	12/4/2018 21:41	24.28	75.4	5.50	4.8
SR12	12/4/2018 3:46	24.44	70.9	5.25	5.4	SR12	12/4/2018 9:46	24.50	75.9	5.62	2.3	SR12	12/4/2018 15:46	24.42	71.4	5.29	4.7	SR12	12/4/2018 21:46	24.27	75.2	5.49	7.1
SR12	12/4/2018 3:51	24.43	71.4	5.29	5.4	SR12	12/4/2018 9:51	24.49	75.7	5.61	3.2	SR12	12/4/2018 15:51	24.42	71.8	5.32	2.0	SR12	12/4/2018 21:51	24.27	75.6	5.52	5.1
SR12	12/4/2018 3:56	24.43	71.1	5.27	3.7	SR12	12/4/2018 9:56	24.50	76.0	5.63	3.1	SR12	12/4/2018 15:56	24.42	71.1	5.27	4.8	SR12	12/4/2018 21:56	24.28	75.4	5.50	6.0
SR12	12/4/2018 4:01	24.42	71.1	5.27	3.8	SR12	12/4/2018 10:01	24.49	76.8	5.69	2.5	SR12	12/4/2018 16:01	24.41	71.7	5.31	4.9	SR12	12/4/2018 22:01	24.32	75.1	5.48	4.3
SR12	12/4/2018 4:06	24.43	71.0	5.26	2.6	SR12	12/4/2018 10:06	24.50	75.7	5.61	4.8	SR12	12/4/2018 16:06	24.41	72.1	5.34	4.1	SR12	12/4/2018 22:06	24.29	76.3	5.57	3.5
SR12	12/4/2018 4:11	24.42	71.7	5.31	3.1	SR12	12/4/2018 10:11	24.49	75.9	5.62	2.5	SR12	12/4/2018 16:11	24.41	72.0	5.33	2.8	SR12	12/4/2018 22:11	24.30	76.6	5.59	4.4
SR12	12/4/2018 4:16	24.42	71.1	5.27	5.1	SR12	12/4/2018 10:16	24.49	75.9	5.62	4.7	SR12	12/4/2018 16:16	24.41	71.1	5.27	3.9	SR12	12/4/2018 22:16	24.30	76.2	5.56	4.6
SR12	12/4/2018 4:21	24.42	70.7	5.24	2.0	SR12	12/4/2018 10:21	24.48	76.4	5.66	2.9	SR12	12/4/2018 16:21	24.41	71.7	5.31	2.0	SR12	12/4/2018 22:21	24.26	76.9	5.61	6.1
SR12	12/4/2018 4:26	24.44	71.1	5.27	4.0	SR12	12/4/2018 10:26	24.47	76.7	5.68	2.1	SR12	12/4/2018 16:26	24.40	72.5	5.37	3.7	SR12	12/4/2018 22:26	24.26	77.0	5.62	7.4
SR12	12/4/2018 4:31	24.43	70.7	5.24	5.3	SR12	12/4/2018 10:31	24.47	76.7	5.68	2.3	SR12	12/4/2018 16:31	24.40	71.4	5.29	2.2	SR12	12/4/2018 22:31	24.26	77.1	5.63	6.2
SR12	12/4/2018 4:36	24.43	70.9	5.25	3.2	SR12	12/4/2018 10:36	24.47	76.3	5.65	3.0	SR12	12/4/2018 16:36	24.40	71.6	5.30	5.5	SR12	12/4/2018 22:36	24.26	76.9	5.61	5.9
SR12	12/4/2018 4:41	24.44	71.4	5.29	4.5	SR12	12/4/2018 10:41	24.47	75.3	5.58	3.2	SR12	12/4/2018 16:41	24.41	71.6	5.30	3.5	SR12	12/4/2018 22:41	24.25	76.9	5.61	5.5
SR12	12/4/2018 4:46	24.43	72.4	5.36	4.7	SR12	12/4/2018 10:46	24.48	75.3	5.58	2.6	SR12	12/4/2018 16:46	24.42	71.4	5.29	3.3	SR12	12/4/2018 22:46	24.26	76.7	5.60	6.9
SR12	12/4/2018 4:51	24.43	71.4	5.29	4.6	SR12	12/4/2018 10:51	24.46	76.5	5.67	4.8	SR12	12/4/2018 16:51	24.42	71.3	5.28	2.1	SR12	12/4/2018 22:51	24.25	76.9	5.61	6.8
SR12	12/4/2018 4:56	24.43	71.0	5.26	5.2	SR12	12/4/2018 10:56	24.47	76.5	5.67	5.5	SR12	12/4/2018 16:56	24.42	71.0	5.26	2.5	SR12	12/4/2018 22:56	24.28	76.9	5.61	3.6
SR12	12/4/2018 5:01	24.42	73.2	5.42	5.3	SR12	12/4/2018 11:01	24.47	75.5	5.59	3.3	SR12	12/4/2018 17:01	24.42	71.4	5.29	4.3	SR12	12/4/2018 23:01	24.26	77.1	5.63	5.6
SR12	12/4/2018 5:06	24.42	72.6	5.38	2.4	SR12	12/4/2018 11:06	24.47	74.3	5.50	4.0	SR12	12/4/2018 17:06	24.42	71.6	5.30	5.2	SR12	12/4/2018 23:06	24.24	77.3	5.64	7.1
SR12	12/4/2018 5:11	24.42	71.6	5.30	2.5	SR12	12/4/2018 11:11	24.47	74.9	5.55	2.4	SR12	12/4/2018 17:11	24.41	71.8	5.32	4.4	SR12	12/4/2018 23:11	24.25	77.0	5.62	5.6
SR12	12/4/2018 5:16	24.42	71.4	5.29	2.1	SR12	12/4/2018 11:16	24.46	74.7	5.53	2.2	SR12	12/4/2018 17:16	24.41	71.4	5.29	4.2	SR12	12/4/2018 23:16	24.24	77.4	5.65	6.7
SR12	12/4/2018 5:21	24.42	72.0	5.33	3.5	SR12	12/4/2018 11:21	24.46	74.3	5.50	2.6	SR12	12/4/2018 17:21	24.41	72.5	5.37	3.0	SR12	12/4/2018 23:21	24.22	77.3	5.64	6.8
SR12	12/4/2018 5:26	24.42	71.8	5.32	2.1	SR12	12/4/2018 11:26	24.45	75.9	5.62	2.5	SR12	12/4/2018 17:26	24.40	72.5	5.37	2.9	SR12	12/4/2018 23:26	24.24	76.6	5.59	6.4
SR12	12/4/2018 5:31	24.42	72.4	5.36	5.0	SR12	12/4/2018 11:31	24.46	75.7	5.61	5.2	SR12	12/4/2018 17:31	24.40	72.8	5.39	3.2	SR12	12/4/2018 23:31	24.24	76.9	5.61	5.2
SR12	12/4/2018 5:36	24.41	74.3	5.50	3.6	SR12	12/4/2018 11:36	24.46	74.9	5.55	5.1	SR12	12/4/2018 17:36	24.40	72.8	5.39	2.2	SR12	12/4/2018 23:36	24.24	76.6	5.59	5.1
SR12	12/4/2018 5:41	24.41	73.0	5.41	3.7	SR12	12/4/2018 11:41	24.46	75.6	5.60	2.2	SR12	12/4/2018 17:41	24.40	73.0	5.41	4.3	SR12	12/4/2018 23:41	24.25	76.2	5.56	7.7
SR12	12/4/2018 5:46	24.43	71.4	5.29	2.2	SR12	12/4/2018 11:46	24.46	75.6	5.60	3.4	SR12	12/4/2018 17:46	24.40	71.7	5.31	2.5	SR12	12/4/2018 23:46	24.25	76.4	5.58	7.2
SR12	12/4/2018 5:51	24.44	70.5	5.22	2.0	SR12	12/4/2018 11:51	24.46	76.0	5.63	3.4	SR12	12/4/2018 17:51	24.39	72.9	5.40	2.5	SR12	12/4/2018 23:51	24.22	76.9	5.61	5.9
SR12	12/4/2018 5:56	24.45	71.1	5.27	4.5	SR12	12/4/2018 11:56	24.46	75.9	5.62	4.5	SR12	12/4/2018 17:56	24.36	74.7	5.53	3.8	SR12	12/4/2018 23:56	24.24	76.3	5.57	3.6

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/4/2018 0:00	22.47	79.3	5.57	6.5	SR13	12/4/2018 6:00	22.42	79.3	5.56	4.1	SR13	12/4/2018 12:00	22.52	76.7	5.39	3.1	SR13	12/4/2018 18:00	22.55	79.3	5.56	6.0
SR13	12/4/2018 0:05	22.47	79.3	5.56	4.9	SR13	12/4/2018 6:05	22.42	79.3	5.57	3.4	SR13	12/4/2018 12:05	22.52	76.6	5.39	2.5	SR13	12/4/2018 18:05	22.55	79.3	5.56	4.3
SR13	12/4/2018 0:10	22.49	79.2	5.55	1.6	SR13	12/4/2018 6:10	22.42	79.4	5.57	4.5	SR13	12/4/2018 12:10	22.54	76.8	5.41	2.5	SR13	12/4/2018 18:10	22.55	78.9	5.53	2.3
SR13	12/4/2018 0:15	22.48	79.4	5.57	3.9	SR13	12/4/2018 6:15	22.42	78.9	5.54	6.1	SR13	12/4/2018 12:15	22.58	76.3	5.37	1.9	SR13	12/4/2018 18:15	22.55	79.2	5.55	4.3
SR13	12/4/2018 0:20	22.52	78.9	5.53	5.6	SR13	12/4/2018 6:20	22.42	79.7	5.59	3.6	SR13	12/4/2018 12:20	22.57	78.4	5.51	5.8	SR13	12/4/2018 18:20	22.54	78.9	5.53	2.0
SR13	12/4/2018 0:25	22.47	79.1	5.55	4.8	SR13	12/4/2018 6:25	22.42	79.5	5.58	5.6	SR13	12/4/2018 12:25	22.59	77.4	5.44	6.3	SR13	12/4/2018 18:25	22.54	79.2	5.56	2.2
SR13	12/4/2018 0:30	22.47	80.1	5.62	2.3	SR13	12/4/2018 6:30	22.41	79.4	5.57	4.5	SR13	12/4/2018 12:30	22.56	79.0	5.55	4.2	SR13	12/4/2018 18:30	22.54	78.9	5.54	3.4
SR13	12/4/2018 0:35	22.47	80.5	5.65	6.5	SR13	12/4/2018 6:35	22.41	79.0	5.55	2.9	SR13	12/4/2018 12:35	22.56	79.5	5.57	1.9	SR13	12/4/2018 18:35	22.55	78.5	5.51	1.9
SR13	12/4/2018 0:40	22.50	79.9	5.62	5.5	SR13	12/4/2018 6:40	22.42	78.9	5.53	5.2	SR13	12/4/2018 12:40	22.55	79.6	5.59	5.4	SR13	12/4/2018 18:40	22.54	79.1	5.55	5.5
SR13	12/4/2018 0:45	22.55	78.8	5.54	5.3	SR13	12/4/2018 6:45	22.42	78.9	5.54	5.4	SR13	12/4/2018 12:45	22.55	78.7	5.53	1.5	SR13	12/4/2018 18:45	22.55	78.9	5.53	5.3
SR13	12/4/2018 0:50	22.48	79.7	5.59	2.0	SR13	12/4/2018 6:50	22.42	79.0	5.55	5.4	SR13	12/4/2018 12:50	22.59	77.1	5.42	3.7	SR13	12/4/2018 18:50	22.54	78.8	5.52	4.8
SR13	12/4/2018 0:55	22.48	79.8	5.60	2.9	SR13	12/4/2018 6:55	22.42	78.7	5.52	2.8	SR13	12/4/2018 12:55	22.55	77.4	5.44	2.6	SR13	12/4/2018 18:55	22.54	78.5	5.50	4.2
SR13	12/4/2018 1:00	22.56	79.3	5.57	3.9	SR13	12/4/2018 7:00	22.42	78.7	5.52	2.1	SR13	12/4/2018 13:00	22.58	77.8	5.46	3.8	SR13	12/4/2018 19:00	22.54	78.4	5.50	5.5
SR13	12/4/2018 1:05	22.49	79.8	5.61	2.1	SR13	12/4/2018 7:05	22.42	79.0	5.55	2.0	SR13	12/4/2018 13:05	22.59	77.2	5.42	2.4	SR13	12/4/2018 19:05	22.54	78.7	5.52	2.8
SR13	12/4/2018 1:10	22.48	79.7	5.60	5.2	SR13	12/4/2018 7:10	22.42	78.7	5.53	1.9	SR13	12/4/2018 13:10	22.57	78.3	5.50	2.5	SR13	12/4/2018 19:10	22.53	78.7	5.51	1.9
SR13	12/4/2018 1:15	22.42	80.5	5.66	3.3	SR13	12/4/2018 7:15	22.42	78.7	5.52	1.9	SR13	12/4/2018 13:15	22.55	78.6	5.52	2.8	SR13	12/4/2018 19:15	22.53	78.7	5.52	5.6
SR13	12/4/2018 1:20	22.44	80.3	5.64	4.0	SR13	12/4/2018 7:20	22.42	78.3	5.49	4.0	SR13	12/4/2018 13:20	22.58	77.8	5.46	2.0	SR13	12/4/2018 19:20	22.53	78.3	5.49	5.8
SR13	12/4/2018 1:25	22.45	80.0	5.62	6.5	SR13	12/4/2018 7:25	22.42	78.4	5.50	1.5	SR13	12/4/2018 13:25	22.60	77.7	5.46	1.5	SR13	12/4/2018 19:25	22.53	78.5	5.50	4.8
SR13	12/4/2018 1:30	22.43	80.3	5.65	6.4	SR13	12/4/2018 7:30	22.42	78.3	5.49	5.0	SR13	12/4/2018 13:30	22.59	79.2	5.55	2.4	SR13	12/4/2018 19:30	22.53	78.4	5.50	3.9
SR13	12/4/2018 1:35	22.43	80.3	5.64	4.1	SR13	12/4/2018 7:35	22.42	78.4	5.50	1.9	SR13	12/4/2018 13:35	22.59	79.0	5.54	1.9	SR13	12/4/2018 19:35	22.51	78.8	5.53	3.1
SR13	12/4/2018 1:40	22.44	80.2	5.64	1.7	SR13	12/4/2018 7:40	22.41	79.5	5.58	3.2	SR13	12/4/2018 13:40	22.58	79.3	5.56	3.2	SR13	12/4/2018 19:40	22.50	78.4	5.50	5.1
SR13	12/4/2018 1:45	22.46	79.6	5.60	3.6	SR13	12/4/2018 7:45	22.41	79.5	5.58	6.0	SR13	12/4/2018 13:45	22.59	79.4	5.59	2.6	SR13	12/4/2018 19:45	22.52	78.2	5.48	2.4
SR13	12/4/2018 1:50	22.44	79.8	5.61	4.6	SR13	12/4/2018 7:50	22.41	79.6	5.59	2.6	SR13	12/4/2018 13:50	22.62	79.3	5.56	6.1	SR13	12/4/2018 19:50	22.52	78.5	5.50	1.6
SR13	12/4/2018 1:55	22.43	79.8	5.61	5.4	SR13	12/4/2018 7:55	22.41	79.7	5.60	2.0	SR13	12/4/2018 13:55	22.61	79.2	5.55	1.5	SR13	12/4/2018 19:55	22.51	78.3	5.50	3.1
SR13	12/4/2018 2:00	22.47	78.5	5.52	4.1	SR13	12/4/2018 8:00	22.41	79.3	5.57	6.2	SR13	12/4/2018 14:00	22.57	79.4	5.57	6.6	SR13	12/4/2018 20:00	22.51	78.1	5.48	2.1
SR13	12/4/2018 2:05	22.49	78.5	5.52	4.1	SR13	12/4/2018 8:05	22.41	79.3	5.57	3.0	SR13	12/4/2018 14:05	22.57	79.6	5.58	5.7	SR13	12/4/2018 20:05	22.51	78.2	5.49	6.4
SR13	12/4/2018 2:10	22.44	79.6	5.60	4.4	SR13	12/4/2018 8:10	22.41	79.3	5.57	1.8	SR13	12/4/2018 14:10	22.57	79.5	5.58	6.2	SR13	12/4/2018 20:10	22.52	78.0	5.47	5.9
SR13	12/4/2018 2:15	22.45	79.1	5.56	1.9	SR13	12/4/2018 8:15	22.41	79.1	5.55	4.5	SR13	12/4/2018 14:15	22.56	80.1	5.64	2.3	SR13	12/4/2018 20:15	22.52	78.0	5.46	6.2
SR13	12/4/2018 2:20	22.40	80.2	5.64	5.7	SR13	12/4/2018 8:20	22.41	79.4	5.57	3.5	SR13	12/4/2018 14:20	22.54	79.5	5.58	4.0	SR13	12/4/2018 20:20	22.52	78.2	5.48	5.6
SR13	12/4/2018 2:25	22.38	80.7	5.67	5.3	SR13	12/4/2018 8:25	22.41	79.4	5.57	4.8	SR13	12/4/2018 14:25	22.52	79.9	5.60	5.8	SR13	12/4/2018 20:25	22.52	78.4	5.49	4.8
SR13	12/4/2018 2:30	22.38	80.6	5.66	5.0	SR13	12/4/2018 8:30	22.41	79.2	5.56	5.3	SR13	12/4/2018 14:30	22.52	79.8	5.60	2.1	SR13	12/4/2018 20:30	22.52	78.2	5.48	2.5
SR13	12/4/2018 2:35	22.38	81.1	5.70	3.1	SR13	12/4/2018 8:35	22.41	79.0	5.55	4.8	SR13	12/4/2018 14:35	22.53	79.7	5.59	3.2	SR13	12/4/2018 20:35	22.52	78.4	5.49	2.2
SR13	12/4/2018 2:40	22.38	81.0	5.69	3.7	SR13	12/4/2018 8:40	22.41	79.3	5.57	3.2	SR13	12/4/2018 14:40	22.57	79.4	5.57	2.9	SR13	12/4/2018 20:40	22.52	78.4	5.50	4.4
SR13	12/4/2018 2:45	22.39	80.9	5.68	2.3	SR13	12/4/2018 8:45	22.41	79.2	5.56	2.5	SR13	12/4/2018 14:45	22.54	79.1	5.54	2.6	SR13	12/4/2018 20:45	22.52	78.2	5.49	2.5
SR13	12/4/2018 2:50	22.39	80.9	5.69	6.0	SR13	12/4/2018 8:50	22.41	79.6	5.59	5.5	SR13	12/4/2018 14:50	22.53	79.1	5.54	5.1	SR13	12/4/2018 20:50	22.52	78.6	5.51	3.7
SR13	12/4/2018 2:55	22.39	80.6	5.67	6.5	SR13	12/4/2018 8:55	22.41	79.8	5.61	4.3	SR13	12/4/2018 14:55	22.53	79.0	5.54	4.0	SR13	12/4/2018 20:55	22.52	78.6	5.51	2.3
SR13	12/4/2018 3:00	22.39	80.5	5.66	3.0	SR13	12/4/2018 9:00	22.41	79.9	5.61	6.0	SR13	12/4/2018 15:00	22.53	79.1	5.55	2.2	SR13	12/4/2018 21:00	22.52	78.3	5.49	3.9
SR13	12/4/2018 3:05	22.39	80.8	5.68	5.9	SR13	12/4/2018 9:05	22.41	80.1	5.63	2.6	SR13	12/4/2018 15:05	22.54	79.3	5.56	3.5	SR13	12/4/2018 21:05	22.52	78.6	5.51	4.4
SR13	12/4/2018 3:10	22.39	80.5	5.66	5.4	SR13	12/4/2018 9:10	22.42	79.5	5.59	4.9	SR13	12/4/2018 15:10	22.54	79.4	5.57	5.0	SR13	12/4/2018 21:10	22.52	78.3	5.49	3.1
SR13	12/4/2018 3:15	22.39	80.6	5.67	3.6	SR13	12/4/2018 9:15	22.42	79.5	5.59	6.3	SR13	12/4/2018 15:15	22.55	79.7	5.58	3.5	SR13	12/4/2018 21:15	22.52	78.3	5.49	4.2
SR13	12/4/2018 3:20	22.40	80.5	5.66	3.4	SR13	12/4/2018 9:20	22.42	79.2	5.57	6.4	SR13	12/4/2018 15:20	22.56	80.5	5.64	1.7	SR13	12/4/2018 21:20	22.52	78.4	5.50	2.1
SR13	12/4/2018 3:25	22.40	80.1	5.63	4.6	SR13	12/4/2018 9:25	22.42	79.2	5.57	2.7	SR13	12/4/2018 15:25	22.55	79.9	5.61	3.8	SR13	12/4/2018 21:25	22.52	78.3	5.49	1.5
SR13	12/4/2018 3:30	22.41	80.2	5.64	4.4	SR13	12/4/2018 9:30	22.41	79.6	5.59	3.9	SR13	12/4/2018 15:30	22.56	79.5	5.57	5.0	SR13	12/4/2018 21:30	22.52	78.5	5.49	6.4
SR13	12/4/2018 3:35	22.40	79.9	5.62	4.7	SR13	12/4/2018 9:35	22.41	79.7	5.59	1.8	SR13	12/4/2018 15:35	22.58	79.7	5.58	5.8	SR13	12/4/2018 21:35	22.52	78.7	5.51	5.2
SR13	12/4/2018 3:40	22.42	79.8	5.61	2.3	SR13	12/4/2018 9:40	22.41	79.0	5.55	3.3	SR13	12/4/2018 15:40	22.57	80.0	5.61	4.5	SR13	12/4/2018 21:40	22.52	78.7	5.51	4.3
SR13	12/4/2018 3:45	22.42	80.0	5.62	5.7	SR13	12/4/2018 9:45	22.41	79.7	5.60	5.9	SR13	12/4/2018 15:45	22.56	79.7	5.58	2.0	SR13	12/4/2018 21:45	22.52	78.6	5.50	2.5
SR13	12/4/2018 3:50	22.42	80.1	5.63	6.5	SR13	12/4/2018 9:50	22.41	80.2	5.63	2.7	SR13	12/4/2018 15:50	22.56	79.4	5.56	6.2	SR13	12/4/2018 21:50	22.52	78.8	5.52	1.6
SR13	12/4/2018 3:55	22.42	80.0	5.61	2.5	SR13	12/4/2018 9:55	22.42	80.3	5.64	6.2	SR13	12/4/2018 15:55	22.56	79.3	5.56	3.1	SR13	12/4/2018 21:55	22.52	78.3	5.48	5.4
SR13	12/4/2018 4:00	22.42	79.8	5.60	6.6	SR13	12/4/2018 10:00	22.41	80.2	5.64	3.0	SR13	12/4/2018 16:00	22.55	79.4	5.56	2.7	SR13	12/4/2018 22:00	22.52	78.2	5.48	5.1
SR13	12/4/2018 4:05	22.42	79.7	5.60	5.8	SR13	12/4/2018 10:05	22.41	79.8	5.60	5.2	SR13	12/4/2018 16:05	22.55	79.2	5.55	3.0	SR13	12/4/2018 22:05	22.52	77.9	5.45	2.3
SR13	12/4/2018 4:10	22.42	79.6	5.60	1.8	SR13	12/4/2018 10:10	22.41	79.6	5.59	4.0	SR13	12/4/2018 16:10	22.54	78.9	5.53	1.6	SR13	12/4/2018 22:10	22.52	77.4	5.41	6.2
SR13	12/4/2018 4:15	22.42	79.3	5.58	2.7	SR13	12/4/2018 10:15	22.42	79.3	5.57	1.9	SR13	12/4/2018 16:15	22.55	78.9	5.53	2.5	SR13	12/4/2018 22:15	22.53	77.2	5.40	5.2
SR13	12/4/2018 4:20	22.42	79.9	5.61	5.5	SR13	12/4/2018 10:20	22.41	79.4	5.58	5.9	SR13	12/4/2018 16:20	22.54	79.3	5.56	6.1	SR13	12/4/2018 22:20	22.52	78.4	5.49	2.9
SR13	12/4/2018 4:25	22.42	79.6	5.59	3.8	SR13	12/4/2018 10:25	22.42	79.4	5.57	4.4	SR13	12/4/2018 16:25	22.54	79.7	5.59	5.7	SR13	12/4/2018 22:25	22.52	78.0	5.46	5.7
SR13	12/4/2018 4:30	22.42	80.0	5.62	2.7	SR13	12/4/2018 10:30	22.41	79.3	5.57	5.5	SR13	12/4/2018 16:30	22.54	79.4	5.57	3.8	SR13	12/4/2018 22:30	22.53	77.6	5.43	4.7
SR13	12/4/2018 4:35	22.42	80.0	5.61	3.3	SR13	12/4/2018 10:35	22.43	79.3	5.57	1.7	SR13	12/4/2018 16:35	22.54	79.2	5.56	3.8	SR13	12/4/2018 22:35	22.53	78.0	5.46	2.2
SR13	12/4/2018 4:40	22.42	79.6	5.59	4.5	SR13	12/4/2018 10:40	22.44	79.4	5.58	6.0	SR13	12/4/2018 16:40	22.54	79.6	5.58	2.6	SR13	12/4/2018 22:40	22.53	77.5	5.43	1.7
SR13	12/4/2018 4:45	22.42	79.7	5.60	2.1	SR13	12/4/2018 10:45	22.48	79.7	5.60	3.0	SR13	12/4/2018 16:45	22.55	80.2	5.62	6.0	SR13	12/4/2018 22:45	22.52	78.7	5.51	3.1
SR13	12/4/2018 4:50	22.42	79.5	5.58	4.7	SR13	12/4/2018 10:50	22.49	79.7	5.60	3.7	SR13	12/4/2018 16:50	22.55	80.3	5.63	2.8	SR13	12/4/2018 22:50	22.52	78.4	5.49	3.6
SR13	12/4/2018 4:55	22.42	79.7	5.60	1.9	SR13	12/4/2018 10:55	22.51	79.6	5.59	5.7	SR13	12/4/2018 16:55	22.55	80.0	5.61	5.5	SR13	12/4/2018 22:55	22.52	78.1	5.47	4.1
SR13	12/4/2018 5:00	22.42	79.7	5.59	5.4	SR13	12/4/2018 11:00	22.46	79.0	5.55	5.7	SR13	12/4/2018 17:00	22.55	79.8	5.60	3.8	SR13	12/4/2018 23:00	22.52	78.6	5.50	6.2
SR13	12/4/2018 5:05	22.42	79.2	5.57	4.8	SR13	12/4/2018 11:05	22.47	77.8	5.47	2.5	SR13	12/4/2018 17:05	22.55	79.9	5.61	2.0	SR13	12/4/2018 23:05	22.52	78.4	5.50	5.0
SR13	12/4/2018 5:10	22.42	79.5	5.58	2.3	SR13	12/4/2018 11:10	22.48	78.1	5.49	2.8	SR13	12/4/2018 17:10	22.55	80.1	5.61	1.7	SR13	12/4/2018 23:10	22.52	78.4	5.49	6.2
SR13	12/4/2018 5:15	22.42	79.2	5.56	4.5	SR13	12/4/2018 11:15	22.48	77.8	5.47	3.4	SR13	12/4/2018 17:15	22.55	79.0	5.54	4.2	SR13	12/4/2018 23:15	22.52	78.0	5.46	2.7
SR13	12/4/2018 5:20	22.42	79.3	5.57	2.6	SR13	12/4/2018 11:20	22.48	77.7	5.46	5.6	SR13	12/4/2018 17:20	22.55	79.3	5.56	2.2	SR13	12/4/2018 23:20	22.52	79.1	5.55	5.0
SR13	12/4/2018 5:25	22.42	79.1	5.56	5.8	SR13	12/4/2018 11:25	22.49	77.5	5.44	1.5	SR13	12/4/2018 17:25	22.55	79.2	5.55	1.7	SR13	12/4/2018 23:25	22.53	78.5	5.50	3.4
SR13	12/4/2018 5:30	22.42	79.3	5.57	3.7	SR13	12/4/2018 11:30	22.51	77.4	5.44	5.1	SR13	12/4/2018 17:30	22.55	79.1	5.55	4.1	SR13	12/4/2018 23:30	22.55	78.8	5.53	1.9
SR13	12/4/2018 5:35	22.42	79.1	5.55	4.0	SR13	12/4/2018 11:35	22.49	77.6	5.46	3.3	SR13	12/4/2018 17:35	22.55	79.5	5.57	3.8	SR13	12/4/2018 23:35	22.56	78.7	5.52	6.5
SR13	12/4/2018 5:40	22.42	79.1	5.55	6.6	SR13	12/4/2018 11:40	22.48	77.3	5.44	6.0	SR13	12/4/2018 17:40	22.55	79.7	5.58	3.9	SR13	12/4/2018 23:40	22.57	78.7	5.52	6.1
SR13	12/4/2018 5:45	22.42	79.6	5.59	5.1	SR13	12/4/2018 11:45	22.50	77.3	5.44	2.8	SR13	12/4/2018 17:45	22.55	79.5	5.57	4.4	SR13	12/4/2018 23:45	22.54	78.9	5.54	3.2
SR13	12/4/2018 5:50	22.42	79.4	5.58	6.5	SR13	12/4/2018 11:50	22.50	77.2	5.43	2.6	SR13	12/4/2018 17:50	22.55	79.5	5.58	3.5	SR13	12/4/2018 23:50	22.55	79.0	5.55	6.0
SR13	12/4/2018 5:55	22.42	79.1	5.55	4.5	SR13	12/4/2018 11:55	22.51	77.0	5.41	5.7	SR13	12/4/2018 17:55	22.55	79.5	5.58	5.9	SR13	12/4/2018 23:55	22.54	78.8	5.53	3.7

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	12/4/2018 0:17	0.02				SR12	12/4/2018 0:17	0.04			
SR4	12/4/2018 0:37	0.02				SR12	12/4/2018 0:37	0.01			
SR4	12/4/2018 0:57	0.02				SR12	12/4/2018 0:57	0.02			
SR4	12/4/2018 1:17	0.01				SR12	12/4/2018 1:17	0.01			
SR4	12/4/2018 1:37	0.03				SR12	12/4/2018 1:37	0.02			
SR4	12/4/2018 1:57	0.01				SR12	12/4/2018 1:57	0.01			
SR4	12/4/2018 2:17	0.02				SR12	12/4/2018 2:17	0.03			
SR4	12/4/2018 2:37	0.03				SR12	12/4/2018 2:37	0.02			
SR4	12/4/2018 2:57	0.02				SR12	12/4/2018 2:57	0.02			
SR4	12/4/2018 3:17	0.03				SR12	12/4/2018 3:17	0.01			
SR4	12/4/2018 3:37	0.02				SR12	12/4/2018 3:37	0.01			
SR4	12/4/2018 3:57	0.02				SR12	12/4/2018 3:57	0.04			
SR4	12/4/2018 4:17	0.03				SR12	12/4/2018 4:17	0.01			
SR4	12/4/2018 4:37	0.01				SR12	12/4/2018 4:37	0.01			
SR4	12/4/2018 4:57	0.03				SR12	12/4/2018 4:57	0.02			
SR4	12/4/2018 5:17	0.02				SR12	12/4/2018 5:17	0.04			
SR4	12/4/2018 5:37	0.03				SR12	12/4/2018 5:37	0.02			
SR4	12/4/2018 5:57	0.02				SR12	12/4/2018 5:57	0.01			
SR4						SR12					
SR4	12/4/2018 6:37	0.01				SR12	12/4/2018 6:37	0.01			
SR4	12/4/2018 6:57	0.02				SR12	12/4/2018 6:57	0.04			
SR4	12/4/2018 7:17	0.01				SR12	12/4/2018 7:17	0.01			
SR4	12/4/2018 7:37	0.02				SR12	12/4/2018 7:37	0.02			
SR4	12/4/2018 7:57	0.03				SR12	12/4/2018 7:57	0.02			
SR4	12/4/2018 8:17	0.01				SR12	12/4/2018 8:17	0.04			
SR4	12/4/2018 8:37	0.01				SR12	12/4/2018 8:37	0.03			
SR4	12/4/2018 8:57	0.02				SR12	12/4/2018 8:57	0.05			
SR4	12/4/2018 9:17	0.03				SR12	12/4/2018 9:17	0.05			
SR4	12/4/2018 9:37	0.03				SR12	12/4/2018 9:37	0.06			
SR4	12/4/2018 9:57	0.03				SR12	12/4/2018 9:57	0.06			
SR4	12/4/2018 10:17	0.01				SR12	12/4/2018 10:17	0.05			
SR4	12/4/2018 10:37	0.02				SR12	12/4/2018 10:37	0.03			
SR4	12/4/2018 10:57	0.02				SR12	12/4/2018 10:57	0.04			
SR4	12/4/2018 11:17	0.01				SR12	12/4/2018 11:17	0.01			
SR4	12/4/2018 11:37	0.01				SR12	12/4/2018 11:37	0.01			
SR4	12/4/2018 11:57	0.03				SR12	12/4/2018 11:57	0.02			
SR4	12/4/2018 12:17	0.03				SR12	12/4/2018 12:17	0.02			
SR4	12/4/2018 12:37	0.01				SR12	12/4/2018 12:37	0.03			
SR4	12/4/2018 12:57	0.03				SR12	12/4/2018 12:57	0.05			
SR4	12/4/2018 13:17	0.01				SR12	12/4/2018 13:17	0.03			
SR4	12/4/2018 13:37	0.02				SR12	12/4/2018 13:37	0.03			
SR4	12/4/2018 13:57	0.01				SR12	12/4/2018 13:57	0.01			
SR4	12/4/2018 14:17	0.03				SR12	12/4/2018 14:17	0.04			
SR4	12/4/2018 14:37	0.02				SR12	12/4/2018 14:37	0.05			
SR4	12/4/2018 14:57	0.03				SR12	12/4/2018 14:57	0.06			
SR4	12/4/2018 15:17	0.02				SR12	12/4/2018 15:17	0.05			
SR4	12/4/2018 15:37	0.01				SR12	12/4/2018 15:37	0.05			
SR4	12/4/2018 15:57	0.01				SR12	12/4/2018 15:57	0.04			
SR4	12/4/2018 16:17	0.03				SR12	12/4/2018 16:17	0.01			
SR4	12/4/2018 16:37	0.03				SR12	12/4/2018 16:37	0.01			
SR4	12/4/2018 16:57	0.03				SR12	12/4/2018 16:57	0.04			
SR4	12/4/2018 17:17	0.01				SR12	12/4/2018 17:17	0.03			
SR4	12/4/2018 17:37	0.01				SR12	12/4/2018 17:37	0.05			
SR4	12/4/2018 17:57	0.02				SR12	12/4/2018 17:57	0.04			
SR4	12/4/2018 18:17	0.03				SR12	12/4/2018 18:17	0.04			
SR4	12/4/2018 18:37	0.03				SR12	12/4/2018 18:37	0.02			
SR4	12/4/2018 18:57	0.02				SR12	12/4/2018 18:57	0.01			
SR4	12/4/2018 19:17	0.02				SR12	12/4/2018 19:17	0.01			
SR4	12/4/2018 19:37	0.01				SR12	12/4/2018 19:37	0.05			
SR4	12/4/2018 19:57	0.03				SR12	12/4/2018 19:57	0.03			
SR4	12/4/2018 20:17	0.01				SR12	12/4/2018 20:17	0.04			
SR4	12/4/2018 20:37	0.02				SR12	12/4/2018 20:37	0.03			
SR4	12/4/2018 20:57	0.03				SR12	12/4/2018 20:57	0.04			
SR4	12/4/2018 21:17	0.02				SR12	12/4/2018 21:17	0.04			
SR4	12/4/2018 21:37	0.03				SR12	12/4/2018 21:37	0.02			
SR4	12/4/2018 21:57	0.02				SR12	12/4/2018 21:57	0.02			
SR4	12/4/2018 22:17	0.03				SR12	12/4/2018 22:17	0.03			
SR4	12/4/2018 22:37	0.03				SR12	12/4/2018 22:37	0.03			
SR4	12/4/2018 22:57	0.01				SR12	12/4/2018 22:57	0.01			
SR4	12/4/2018 23:17	0.01				SR12	12/4/2018 23:17	0.02			
SR4	12/4/2018 23:37	0.03				SR12	12/4/2018 23:37	0.01			
SR4	12/4/2018 23:57	0.01				SR12	12/4/2018 23:57	0.02			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.
SR5 monitoring station was under maintenance during 10:40-11:15.

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/5/2018 0:01	22.86	77.8	5.59	4.0	SR4	12/5/2018 6:01	22.79	82.9	5.97	4.7	SR4	12/5/2018 12:01	22.89	83.8	6.04	5.0	SR4	12/5/2018 18:01	22.84	76.3	5.48	4.5
SR4	12/5/2018 0:06	22.86	77.7	5.59	3.4	SR4	12/5/2018 6:06	22.79	82.8	5.96	2.6	SR4	12/5/2018 12:06	22.89	83.1	5.98	2.5	SR4	12/5/2018 18:06	22.83	77.2	5.55	2.8
SR4	12/5/2018 0:11	22.85	78.4	5.64	1.9	SR4	12/5/2018 6:11	22.78	82.6	5.94	5.3	SR4	12/5/2018 12:11	22.89	84.0	6.05	1.3	SR4	12/5/2018 18:11	22.83	77.3	5.56	2.7
SR4	12/5/2018 0:16	22.86	77.3	5.56	4.6	SR4	12/5/2018 6:16	22.78	82.3	5.92	2.6	SR4	12/5/2018 12:16	22.89	84.2	6.07	1.5	SR4	12/5/2018 18:16	22.84	77.6	5.58	1.3
SR4	12/5/2018 0:21	22.86	77.8	5.59	3.9	SR4	12/5/2018 6:21	22.78	82.3	5.93	3.3	SR4	12/5/2018 12:21	22.90	84.8	6.11	3.9	SR4	12/5/2018 18:21	22.84	77.4	5.56	1.8
SR4	12/5/2018 0:26	22.86	77.6	5.58	4.8	SR4	12/5/2018 6:26	22.79	81.3	5.86	2.0	SR4	12/5/2018 12:26	22.91	84.8	6.11	3.6	SR4	12/5/2018 18:26	22.84	77.7	5.59	2.5
SR4	12/5/2018 0:31	22.85	78.8	5.66	2.6	SR4	12/5/2018 6:31	22.78	81.9	5.90	5.3	SR4	12/5/2018 12:31	22.90	85.4	6.15	4.8	SR4	12/5/2018 18:31	22.83	76.3	5.49	1.8
SR4	12/5/2018 0:36	22.85	78.8	5.66	3.9	SR4	12/5/2018 6:36	22.79	81.5	5.87	5.0	SR4	12/5/2018 12:36	22.90	85.2	6.14	1.5	SR4	12/5/2018 18:36	22.84	76.8	5.52	4.5
SR4	12/5/2018 0:41	22.85	77.5	5.57	5.1	SR4	12/5/2018 6:41	22.79	80.6	5.80	2.4	SR4	12/5/2018 12:41	22.91	84.5	6.09	5.4	SR4	12/5/2018 18:41	22.84	76.2	5.48	1.2
SR4	12/5/2018 0:46	22.85	78.7	5.66	2.1	SR4	12/5/2018 6:46	22.79	80.7	5.81	2.4	SR4	12/5/2018 12:46	22.90	85.6	6.17	2.3	SR4	12/5/2018 18:46	22.84	75.4	5.42	3.5
SR4	12/5/2018 0:51	22.86	77.0	5.54	3.4	SR4	12/5/2018 6:51	22.79	80.5	5.79	2.9	SR4	12/5/2018 12:51	22.90	84.3	6.08	4.1	SR4	12/5/2018 18:51	22.84	75.8	5.44	1.8
SR4	12/5/2018 0:56	22.85	79.5	5.71	1.5	SR4	12/5/2018 6:56	22.79	80.6	5.80	1.2	SR4	12/5/2018 12:56	22.90	84.7	6.10	5.3	SR4	12/5/2018 18:56	22.83	77.3	5.56	1.2
SR4	12/5/2018 1:01	22.84	80.4	5.78	1.3	SR4	12/5/2018 7:01	22.79	80.4	5.79	1.5	SR4	12/5/2018 13:01	22.89	84.5	6.09	4.4	SR4	12/5/2018 19:01	22.84	76.0	5.47	1.1
SR4	12/5/2018 1:06	22.84	80.0	5.75	4.4	SR4	12/5/2018 7:06	22.79	79.8	5.74	4.9	SR4	12/5/2018 13:06	22.90	83.8	6.04	3.5	SR4	12/5/2018 19:06	22.83	76.4	5.49	4.0
SR4	12/5/2018 1:11	22.83	79.9	5.74	2.8	SR4	12/5/2018 7:11	22.79	80.2	5.77	1.4	SR4	12/5/2018 13:11	22.88	82.3	5.93	1.3	SR4	12/5/2018 19:11	22.83	75.9	5.46	2.6
SR4	12/5/2018 1:16	22.83	79.2	5.69	2.2	SR4	12/5/2018 7:16	22.79	79.8	5.74	3.8	SR4	12/5/2018 13:16	22.87	82.7	5.96	3.5	SR4	12/5/2018 19:16	22.83	76.8	5.52	2.3
SR4	12/5/2018 1:21	22.83	78.6	5.65	4.3	SR4	12/5/2018 7:21	22.79	80.3	5.78	3.1	SR4	12/5/2018 13:21	22.89	82.6	5.96	4.7	SR4	12/5/2018 19:21	22.83	76.0	5.46	1.7
SR4	12/5/2018 1:26	22.83	78.4	5.64	2.9	SR4	12/5/2018 7:26	22.79	80.6	5.80	3.2	SR4	12/5/2018 13:26	22.90	82.3	5.93	1.3	SR4	12/5/2018 19:26	22.83	77.1	5.54	1.5
SR4	12/5/2018 1:31	22.83	78.5	5.64	2.8	SR4	12/5/2018 7:31	22.78	80.2	5.77	2.3	SR4	12/5/2018 13:31	22.90	83.0	5.98	2.2	SR4	12/5/2018 19:31	22.83	78.0	5.60	4.0
SR4	12/5/2018 1:36	22.82	79.6	5.72	5.4	SR4	12/5/2018 7:36	22.78	80.1	5.76	4.2	SR4	12/5/2018 13:36	22.90	81.2	5.85	3.5	SR4	12/5/2018 19:36	22.83	76.9	5.52	1.8
SR4	12/5/2018 1:41	22.81	81.5	6.11	1.1	SR4	12/5/2018 7:41	22.79	80.5	5.79	2.2	SR4	12/5/2018 13:41	22.87	81.7	5.88	2.2	SR4	12/5/2018 19:41	22.83	76.7	5.51	3.9
SR4	12/5/2018 1:46	22.81	80.9	5.81	4.2	SR4	12/5/2018 7:46	22.79	80.1	5.76	2.4	SR4	12/5/2018 13:46	22.87	81.8	5.90	1.3	SR4	12/5/2018 19:46	22.82	77.1	5.54	3.2
SR4	12/5/2018 1:51	22.81	81.2	5.84	1.6	SR4	12/5/2018 7:51	22.79	80.4	5.78	1.6	SR4	12/5/2018 13:51	22.89	81.4	5.87	2.9	SR4	12/5/2018 19:51	22.82	77.7	5.59	3.3
SR4	12/5/2018 1:56	22.82	79.9	5.74	2.0	SR4	12/5/2018 7:56	22.79	80.2	5.77	4.0	SR4	12/5/2018 13:56	22.88	82.3	5.93	1.0	SR4	12/5/2018 19:56	22.81	77.1	5.54	4.0
SR4	12/5/2018 2:01	22.82	78.8	5.66	2.0	SR4	12/5/2018 8:01	22.79	80.3	5.78	3.9	SR4	12/5/2018 14:01	22.91	80.2	5.78	4.1	SR4	12/5/2018 20:01	22.79	78.0	5.61	2.2
SR4	12/5/2018 2:06	22.79	79.4	5.72	4.8	SR4	12/5/2018 8:06	22.79	79.1	5.69	1.2	SR4	12/5/2018 14:06	22.95	75.6	5.45	3.0	SR4	12/5/2018 20:06	22.81	78.0	5.61	5.3
SR4	12/5/2018 2:11	22.78	81.0	5.83	2.6	SR4	12/5/2018 8:11	22.79	79.5	5.72	1.2	SR4	12/5/2018 14:11	23.13	75.7	5.44	4.0	SR4	12/5/2018 20:11	22.79	78.4	5.64	5.2
SR4	12/5/2018 2:16	22.79	79.9	5.75	4.2	SR4	12/5/2018 8:16	22.79	79.6	5.72	5.0	SR4	12/5/2018 14:16	23.06	77.2	5.55	1.9	SR4	12/5/2018 20:16	22.80	77.6	5.58	4.7
SR4	12/5/2018 2:21	22.81	76.5	5.50	3.9	SR4	12/5/2018 8:21	22.80	79.9	5.74	2.6	SR4	12/5/2018 14:21	23.02	78.9	5.67	4.1	SR4	12/5/2018 20:21	22.80	78.5	5.65	5.0
SR4	12/5/2018 2:26	22.79	80.0	5.76	4.9	SR4	12/5/2018 8:26	22.81	79.6	5.72	3.4	SR4	12/5/2018 14:26	22.92	80.8	5.81	3.5	SR4	12/5/2018 20:26	22.80	79.4	5.71	1.8
SR4	12/5/2018 2:31	22.79	80.9	5.82	5.2	SR4	12/5/2018 8:31	22.80	78.9	5.67	1.3	SR4	12/5/2018 14:31	22.94	80.4	5.79	2.7	SR4	12/5/2018 20:31	22.80	79.3	5.70	2.1
SR4	12/5/2018 2:36	22.78	82.3	5.92	4.0	SR4	12/5/2018 8:36	22.80	80.3	5.78	1.4	SR4	12/5/2018 14:36	23.01	78.7	5.66	4.6	SR4	12/5/2018 20:36	22.79	79.6	5.73	1.2
SR4	12/5/2018 2:41	22.79	82.9	5.97	4.7	SR4	12/5/2018 8:41	22.81	79.8	5.74	4.0	SR4	12/5/2018 14:41	22.99	79.0	5.68	2.8	SR4	12/5/2018 20:41	22.79	79.0	5.69	4.5
SR4	12/5/2018 2:46	22.79	82.6	5.95	4.0	SR4	12/5/2018 8:46	22.81	79.2	5.70	3.7	SR4	12/5/2018 14:46	22.96	79.2	5.70	5.2	SR4	12/5/2018 20:46	22.79	79.1	5.69	2.2
SR4	12/5/2018 2:51	22.79	83.1	5.99	4.9	SR4	12/5/2018 8:51	22.82	81.0	5.83	3.6	SR4	12/5/2018 14:51	22.83	80.4	5.79	3.4	SR4	12/5/2018 20:51	22.76	79.6	5.73	2.8
SR4	12/5/2018 2:56	22.79	82.6	5.95	2.0	SR4	12/5/2018 8:56	22.81	79.3	5.70	4.2	SR4	12/5/2018 14:56	22.94	79.9	5.80	4.1	SR4	12/5/2018 20:56	22.76	80.0	5.76	1.4
SR4	12/5/2018 3:01	22.79	82.6	6.73	1.6	SR4	12/5/2018 9:01	22.81	79.4	5.71	4.2	SR4	12/5/2018 15:01	22.89	71.7	5.18	5.3	SR4	12/5/2018 21:01	22.77	79.0	5.69	5.1
SR4	12/5/2018 3:06	22.79	82.8	5.97	5.0	SR4	12/5/2018 9:06	22.82	82.6	5.95	1.8	SR4	12/5/2018 15:06	22.94	73.2	5.27	5.0	SR4	12/5/2018 21:06	22.76	78.0	5.61	2.9
SR4	12/5/2018 3:11	22.79	83.5	6.02	3.0	SR4	12/5/2018 9:11	22.82	82.4	5.93	2.5	SR4	12/5/2018 15:11	22.94	76.6	5.51	2.3	SR4	12/5/2018 21:11	22.76	79.9	5.75	5.0
SR4	12/5/2018 3:16	22.79	83.4	6.01	4.2	SR4	12/5/2018 9:16	22.82	80.9	5.82	2.4	SR4	12/5/2018 15:16	22.96	71.8	5.18	1.7	SR4	12/5/2018 21:16	22.79	79.7	5.73	2.8
SR4	12/5/2018 3:21	22.80	83.6	6.03	4.7	SR4	12/5/2018 9:21	22.82	80.0	5.76	3.7	SR4	12/5/2018 15:21	22.94	74.2	5.34	3.5	SR4	12/5/2018 21:21	22.79	78.6	5.65	4.3
SR4	12/5/2018 3:26	22.80	83.5	6.02	3.3	SR4	12/5/2018 9:26	22.82	82.8	5.96	5.1	SR4	12/5/2018 15:26	22.83	79.1	5.69	2.5	SR4	12/5/2018 21:26	22.77	78.1	5.62	3.0
SR4	12/5/2018 3:31	22.81	83.6	6.03	1.0	SR4	12/5/2018 9:31	22.83	83.3	6.00	2.9	SR4	12/5/2018 15:31	22.96	72.6	5.23	3.2	SR4	12/5/2018 21:31	22.76	76.4	5.50	4.8
SR4	12/5/2018 3:36	22.83	84.7	6.12	1.3	SR4	12/5/2018 9:36	22.84	83.7	6.02	4.1	SR4	12/5/2018 15:36	22.93	74.5	5.37	1.2	SR4	12/5/2018 21:36	22.77	79.4	5.72	5.4
SR4	12/5/2018 3:41	22.84	85.7	6.19	4.0	SR4	12/5/2018 9:41	22.85	83.7	6.03	3.5	SR4	12/5/2018 15:41	22.91	78.8	5.67	4.1	SR4	12/5/2018 21:41	22.77	79.4	5.71	2.1
SR4	12/5/2018 3:46	22.83	86.1	6.22	4.3	SR4	12/5/2018 9:46	22.84	80.5	5.80	1.7	SR4	12/5/2018 15:46	22.89	77.5	5.59	2.2	SR4	12/5/2018 21:46	22.79	79.2	5.70	2.6
SR4	12/5/2018 3:51	22.84	86.0	6.21	4.7	SR4	12/5/2018 9:51	22.84	81.5	5.87	1.5	SR4	12/5/2018 15:51	22.90	78.4	5.64	1.1	SR4	12/5/2018 21:51	22.78	78.6	5.65	3.2
SR4	12/5/2018 3:56	22.84	86.4	6.24	2.7	SR4	12/5/2018 9:56	22.85	83.4	6.00	3.4	SR4	12/5/2018 15:56	22.88	79.7	5.74	4.6	SR4	12/5/2018 21:56	22.78	78.4	5.64	3.8
SR4	12/5/2018 4:01	22.84	86.8	6.28	2.2	SR4	12/5/2018 10:01	22.87	84.5	6.08	3.2	SR4	12/5/2018 16:01	22.88	79.3	5.71	2.7	SR4	12/5/2018 22:01	22.78	77.5	5.58	3.2
SR4	12/5/2018 4:06	22.84	86.8	6.27	3.1	SR4	12/5/2018 10:06	22.87	84.1	6.06	2.8	SR4	12/5/2018 16:06	22.88	78.6	5.66	2.9	SR4	12/5/2018 22:06	22.79	77.6	5.58	4.8
SR4	12/5/2018 4:11	22.84	86.8	6.27	4.8	SR4	12/5/2018 10:11	22.87	82.3	5.92	5.4	SR4	12/5/2018 16:11	22.84	81.0	5.83	1.1	SR4	12/5/2018 22:11	22.79	76.8	5.53	3.3
SR4	12/5/2018 4:16	22.83	87.0	6.29	2.6	SR4	12/5/2018 10:16	22.86	84.1	6.05	4.0	SR4	12/5/2018 16:16	22.85	80.6	5.80	2.1	SR4	12/5/2018 22:16	22.79	75.9	5.46	1.2
SR4	12/5/2018 4:21	22.85	87.0	6.29	2.4	SR4	12/5/2018 10:21	22.87	83.3	6.00	1.3	SR4	12/5/2018 16:21	22.85	81.2	5.85	2.6	SR4	12/5/2018 22:21	22.79	78.1	5.62	3.5
SR4	12/5/2018 4:26	22.85	87.3	6.31	5.4	SR4	12/5/2018 10:26	22.86	85.2	6.13	3.0	SR4	12/5/2018 16:26	22.85	81.3	5.85	4.8	SR4	12/5/2018 22:26	22.78	77.6	5.58	3.5
SR4	12/5/2018 4:31	22.85	87.3	6.31	2.2	SR4	12/5/2018 10:31	22.86	84.9	6.11	4.2	SR4	12/5/2018 16:31	22.85	81.5	5.87	1.2	SR4	12/5/2018 22:31	22.78	77.5	5.58	2.7
SR4	12/5/2018 4:36	22.85	87.5	6.32	5.1	SR4	12/5/2018 10:36	22.87	85.2	6.14	4.1	SR4	12/5/2018 16:36	22.85	81.1	5.83	3.1	SR4	12/5/2018 22:36	22.78	78.3	5.64	2.1
SR4	12/5/2018 4:41	22.86	86.4	6.24	3.1	SR4	12/5/2018 10:41	22.88	83.8	6.03	4.0	SR4	12/5/2018 16:41	22.85	79.7	5.73	1.2	SR4	12/5/2018 22:41	22.77	77.7	5.59	3.4
SR4	12/5/2018 4:46	22.85	85.6	6.18	2.2	SR4	12/5/2018 10:46	22.88	85.8	6.18	4.9	SR4	12/5/2018 16:46	22.85	78.8	5.67	3.4	SR4	12/5/2018 22:46	22.78	77.6	5.59	2.9
SR4	12/5/2018 4:51	22.81	84.4	6.09	4.0	SR4	12/5/2018 10:51	22.88	85.0	6.12	4.6	SR4	12/5/2018 16:51	22.85	80.2	5.77	1.6	SR4	12/5/2018 22:51	22.77	76.7	5.52	3.4
SR4	12/5/2018 4:56	22.81	84.0	6.06	2.6	SR4	12/5/2018 10:56	22.88	84.3	6.07	2.7	SR4	12/5/2018 16:56	22.85	79.9	5.75	1.6	SR4	12/5/2018 22:56	22.76	77.1	5.55	2.1
SR4	12/5/2018 5:01	22.81	84.0	6.05	2.8	SR4	12/5/2018 11:01	22.88	84.6	6.09	2.2	SR4	12/5/2018 17:01	22.85	80.6	5.80	1.4	SR4	12/5/2018 23:01	22.78	77.0	5.54	2.6
SR4	12/5/2018 5:06	22.81	83.7	6.03	2.5	SR4	12/5/2018 11:06	22.88	83.7	6.02	3.8	SR4	12/5/2018 17:06	22.85	79.6	5.73	1.9	SR4	12/5/2018 23:06	22.77	77.2	5.55	3.4
SR4	12/5/2018 5:11	22.80	84.2	6.06	1.2	SR4	12/5/2018 11:11	22.90	83.4	6.00	2.4	SR4	12/5/2018 17:11	22.85	80.3	5.78	1.4	SR4	12/5/2018 23:11	22.75	76.9	5.53	3.1
SR4	12/5/2018 5:16	22.80	84.2	6.07	5.2	SR4	12/5/2018 11:16	22.90	83.0	5.97	2.7	SR4	12/5/2018 17:16	22.85	78.8	5.67	3.2	SR4	12/5/2018 23:16	22.77	73.9	5.32	2.0
SR4	12/5/2018 5:21	22.80	84.1	6.06	4.0	SR4	12/5/2018 11:21	22.91	84.0	6.04	3.8	SR4	12/5/2018 17:21	22.85	79.6	5.73	1.1	SR4	12/5/2018 23:21	22.78	75.7	5.45	4.6
SR4	12/5/2018 5:26	22.80	82.8	5.97	5.3	SR4	12/5/2018 11:26	22.89	83.3	5.99	3.2	SR4	12/5/2018 17:26	22.85	79.1	5.69	1.9	SR4	12/5/2018 23:26	22.79	76.7	5.52	5.2
SR4	12/5/2018 5:31	22.80	82.1	5.91	2.9	SR4	12/5/2018 11:31	22.89	83.1	5.99	5.0	SR4	12/5/2018 17:31	22.85	78.8	5.67	1.7	SR4	12/5/2018 23:31	22.80	73.8	5.31	2.3
SR4	12/5/2018 5:36	22.79	82.5	5.94	4.0	SR4	12/5/2018 11:36	22.88	84.1	6.06	4.3	SR4	12/5/2018 17:36	22.85	79.0	5.68	2.3	SR4	12/5/2018 23:36	22.79	76.0	5.47	4.9
SR4	12/5/2018 5:41	22.79	82.9	5.97	1.0	SR4	12/5/2018 11:41	22.89	82.3	5.92	5.1	SR4	12/5/2018 17:41	22.85	78.6	5.65	2.8	SR4	12/5/2018 23:41	22.79	76.7	5.52	2.7
SR4	12/5/2018 5:46	22.79	82.7	5.96	2.5	SR4	12/5/2018 11:46	22.89	82.9	5.97	1.7	SR4	12/5/2018 17:46	22.84	77.5	5.57	1.9	SR4	12/5/2018 23:46	22.80	76.2	5.48	4.1
SR4	12/5/2018 5:51	22.79	82.5	5.94	4.0	SR4	12/5/2018 11:51	22.89	83.4	6.01	1.8	SR4	12/5/2018 17:51	22.84	76.8	5.52	2.1	SR4	12/5/2018 23:51	22.81	76.2	5.48	1.4
SR4	12/5/2018 5:56	22.79	82.2	5.92	4.0	SR4	12/5/2018 11:56	22.90	83.3	6.00	5.2	SR4	12/5/2018 17:56	22.84	75.4	5.42	2.4	SR4	12/5/2018 23:56	22.77	66.3	4.78	4.8

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/5/2018 0:00	23.36	90.6	6.45	5.3	SR5	12/5/2018 6:00	23.14	90.9	6.47	2.6	SR5	12/5/2018 12:00	23.13	94.0	6.70	4.3	SR5	12/5/2018 18:00	23.17	92.2	6.56	4.3
SR5	12/5/2018 0:05	23.35	92.3	6.58	4.3	SR5	12/5/2018 6:05	23.11	93.6	6.67	2.8	SR5	12/5/2018 12:05	23.14	93.1	6.63	2.7	SR5	12/5/2018 18:05	23.15	90.0	6.41	3.3
SR5	12/5/2018 0:10	23.35	91.1	6.50	4.6	SR5	12/5/2018 6:10	23.10	91.8	6.54	4.9	SR5	12/5/2018 12:10	23.13	93.6	6.67	3.6	SR5	12/5/2018 18:10	23.15	88.7	6.31	4.8
SR5	12/5/2018 0:15	23.36	90.7	6.46	5.4	SR5	12/5/2018 6:15	23.12	90.3	6.43	4.9	SR5	12/5/2018 12:15	23.14	94.3	6.72	4.3	SR5	12/5/2018 18:15	23.17	90.4	6.43	2.0
SR5	12/5/2018 0:20	23.34	88.6	6.32	3.3	SR5	12/5/2018 6:20	23.14	90.1	6.42	3.5	SR5	12/5/2018 12:20	23.12	93.0	6.62	3.0	SR5	12/5/2018 18:20	23.13	91.9	6.54	3.8
SR5	12/5/2018 0:25	23.33	91.2	6.50	4.8	SR5	12/5/2018 6:25	23.14	89.4	6.37	2.3	SR5	12/5/2018 12:25	23.15	92.5	6.59	3.4	SR5	12/5/2018 18:25	23.15	92.5	6.58	2.5
SR5	12/5/2018 0:30	23.32	90.0	6.42	3.7	SR5	12/5/2018 6:30	23.11	92.8	6.61	4.1	SR5	12/5/2018 12:30	23.13	92.6	6.60	4.7	SR5	12/5/2018 18:30	23.13	88.5	6.30	3.8
SR5	12/5/2018 0:35	23.34	89.5	6.38	3.3	SR5	12/5/2018 6:35	23.10	89.6	6.38	4.9	SR5	12/5/2018 12:35	23.12	92.7	6.61	1.7	SR5	12/5/2018 18:35	23.18	91.5	6.51	3.2
SR5	12/5/2018 0:40	23.32	89.7	6.40	3.0	SR5	12/5/2018 6:40	23.09	89.0	6.34	2.8	SR5	12/5/2018 12:40	23.13	94.2	6.71	3.8	SR5	12/5/2018 18:40	23.18	89.4	6.36	3.0
SR5	12/5/2018 0:45	23.34	89.5	6.38	3.5	SR5	12/5/2018 6:45	23.11	89.3	6.36	3.6	SR5	12/5/2018 12:45	23.15	91.3	6.50	3.7	SR5	12/5/2018 18:45	23.16	89.2	6.34	2.9
SR5	12/5/2018 0:50	23.35	90.6	6.46	4.4	SR5	12/5/2018 6:50	23.11	91.3	6.50	4.3	SR5	12/5/2018 12:50	23.13	92.5	6.59	4.8	SR5	12/5/2018 18:50	23.17	91.3	6.49	2.9
SR5	12/5/2018 0:55	23.32	89.5	6.38	3.7	SR5	12/5/2018 6:55	23.13	89.3	6.36	3.7	SR5	12/5/2018 12:55	23.14	91.3	6.50	3.7	SR5	12/5/2018 18:55	23.17	88.8	6.32	3.1
SR5	12/5/2018 1:00	23.30	77.0	5.53	2.1	SR5	12/5/2018 7:00	23.08	87.2	6.21	3.9	SR5	12/5/2018 13:00	23.12	91.3	6.51	2.3	SR5	12/5/2018 19:00	23.16	90.5	6.44	3.7
SR5	12/5/2018 1:05	23.23	91.5	6.52	5.5	SR5	12/5/2018 7:05	23.12	87.6	6.24	3.0	SR5	12/5/2018 13:05	23.13	90.6	6.45	3.3	SR5	12/5/2018 19:05	23.14	91.5	6.51	4.5
SR5	12/5/2018 1:10	23.15	91.3	6.50	3.7	SR5	12/5/2018 7:10	23.09	88.0	6.27	2.7	SR5	12/5/2018 13:10	23.11	89.8	6.40	2.8	SR5	12/5/2018 19:10	23.16	91.4	6.50	2.1
SR5	12/5/2018 1:15	23.16	92.0	6.55	3.4	SR5	12/5/2018 7:15	23.11	91.5	6.52	3.5	SR5	12/5/2018 13:15	23.15	91.9	6.55	4.9	SR5	12/5/2018 19:15	23.15	90.4	6.43	4.5
SR5	12/5/2018 1:20	23.12	90.1	6.41	4.5	SR5	12/5/2018 7:20	23.08	89.5	6.38	4.0	SR5	12/5/2018 13:20	23.13	92.5	6.59	4.0	SR5	12/5/2018 19:20	23.14	91.1	6.48	3.8
SR5	12/5/2018 1:25	23.13	92.0	6.55	4.0	SR5	12/5/2018 7:25	23.10	92.0	6.55	3.0	SR5	12/5/2018 13:25	23.12	93.1	6.63	2.4	SR5	12/5/2018 19:25	23.17	91.2	6.48	2.5
SR5	12/5/2018 1:30	23.12	91.4	6.51	3.3	SR5	12/5/2018 7:30	23.12	90.7	6.46	3.9	SR5	12/5/2018 13:30	23.14	93.7	6.67	3.8	SR5	12/5/2018 19:30	23.16	89.2	6.34	4.5
SR5	12/5/2018 1:35	23.12	91.0	6.48	3.9	SR5	12/5/2018 7:35	23.09	87.9	6.26	3.4	SR5	12/5/2018 13:35	23.16	91.1	6.49	2.5	SR5	12/5/2018 19:35	23.18	87.9	6.25	4.2
SR5	12/5/2018 1:40	23.15	91.3	6.56	2.2	SR5	12/5/2018 7:40	23.11	90.4	6.43	2.9	SR5	12/5/2018 13:40	23.13	92.7	6.60	2.0	SR5	12/5/2018 19:40	23.16	89.9	6.40	2.6
SR5	12/5/2018 1:45	23.12	91.2	6.49	3.1	SR5	12/5/2018 7:45	23.09	87.5	6.23	3.3	SR5	12/5/2018 13:45	23.11	89.7	6.39	3.9	SR5	12/5/2018 19:45	23.15	88.1	6.27	4.4
SR5	12/5/2018 1:50	23.13	90.2	6.43	3.2	SR5	12/5/2018 7:50	23.10	89.6	6.38	2.3	SR5	12/5/2018 13:50	23.16	92.8	6.61	4.1	SR5	12/5/2018 19:50	23.16	92.0	6.55	4.8
SR5	12/5/2018 1:55	23.16	91.2	6.49	3.9	SR5	12/5/2018 7:55	23.09	88.0	6.27	2.7	SR5	12/5/2018 13:55	23.15	91.5	6.52	4.1	SR5	12/5/2018 19:55	23.11	88.9	6.33	5.1
SR5	12/5/2018 2:00	23.14	90.7	6.46	2.3	SR5	12/5/2018 8:00	23.08	89.9	6.40	5.1	SR5	12/5/2018 14:00	23.15	92.3	6.57	3.1	SR5	12/5/2018 20:00	23.12	92.6	6.59	4.2
SR5	12/5/2018 2:05	23.13	89.6	6.38	4.5	SR5	12/5/2018 8:05	23.10	91.1	6.49	3.0	SR5	12/5/2018 14:05	23.15	88.2	6.28	3.6	SR5	12/5/2018 20:05	23.13	89.5	6.38	3.5
SR5	12/5/2018 2:10	23.15	90.1	6.42	3.4	SR5	12/5/2018 8:10	23.07	87.1	6.20	2.5	SR5	12/5/2018 14:10	23.23	90.8	6.46	3.1	SR5	12/5/2018 20:10	23.15	89.4	6.36	4.1
SR5	12/5/2018 2:15	23.16	89.2	6.36	4.1	SR5	12/5/2018 8:15	23.08	88.1	6.27	4.3	SR5	12/5/2018 14:15	23.21	91.9	6.54	2.9	SR5	12/5/2018 20:15	23.16	91.0	6.47	3.6
SR5	12/5/2018 2:20	23.14	90.0	6.40	4.7	SR5	12/5/2018 8:20	23.11	90.5	6.44	3.0	SR5	12/5/2018 14:20	23.20	90.7	6.45	4.5	SR5	12/5/2018 20:20	23.17	92.1	6.56	3.6
SR5	12/5/2018 2:25	23.15	89.4	6.37	4.0	SR5	12/5/2018 8:25	23.13	90.2	6.42	3.9	SR5	12/5/2018 14:25	23.16	89.9	6.40	3.9	SR5	12/5/2018 20:25	23.16	91.0	6.48	3.2
SR5	12/5/2018 2:30	23.11	89.5	6.38	4.1	SR5	12/5/2018 8:30	23.09	91.1	6.49	2.9	SR5	12/5/2018 14:30	23.17	91.0	6.48	3.9	SR5	12/5/2018 20:30	23.15	88.8	6.32	2.6
SR5	12/5/2018 2:35	23.15	89.9	6.40	4.7	SR5	12/5/2018 8:35	23.12	93.8	6.68	3.6	SR5	12/5/2018 14:35	23.17	93.4	6.65	3.4	SR5	12/5/2018 20:35	23.15	91.5	6.52	2.3
SR5	12/5/2018 2:40	23.15	92.9	6.62	3.5	SR5	12/5/2018 8:40	23.12	90.5	6.44	3.3	SR5	12/5/2018 14:40	23.19	92.3	6.57	2.7	SR5	12/5/2018 20:40	23.13	88.3	6.29	3.8
SR5	12/5/2018 2:45	23.15	93.5	6.66	2.6	SR5	12/5/2018 8:45	23.12	90.3	6.44	4.3	SR5	12/5/2018 14:45	23.17	91.6	6.52	4.5	SR5	12/5/2018 20:45	23.15	91.2	6.49	3.2
SR5	12/5/2018 2:50	23.13	90.8	6.47	2.5	SR5	12/5/2018 8:50	23.10	93.5	6.66	4.9	SR5	12/5/2018 14:50	23.14	90.8	6.47	3.8	SR5	12/5/2018 20:50	23.12	92.6	6.59	4.5
SR5	12/5/2018 2:55	23.13	91.9	6.55	4.2	SR5	12/5/2018 8:55	23.12	92.5	6.59	3.8	SR5	12/5/2018 14:55	23.14	90.6	6.46	4.1	SR5	12/5/2018 20:55	23.12	92.4	6.58	2.7
SR5	12/5/2018 3:00	23.12	90.7	6.66	1.7	SR5	12/5/2018 9:00	23.13	91.8	6.54	3.6	SR5	12/5/2018 15:00	23.13	88.1	6.28	3.7	SR5	12/5/2018 21:00	23.14	90.4	6.44	4.6
SR5	12/5/2018 3:05	23.14	93.2	6.64	4.3	SR5	12/5/2018 9:05	23.12	94.0	6.70	4.1	SR5	12/5/2018 15:05	23.16	89.3	6.36	3.3	SR5	12/5/2018 21:05	23.13	91.4	6.50	4.4
SR5	12/5/2018 3:10	23.10	92.0	6.56	3.4	SR5	12/5/2018 9:10	23.09	90.9	6.48	2.7	SR5	12/5/2018 15:10	23.16	93.0	6.62	2.6	SR5	12/5/2018 21:10	23.14	92.4	6.58	4.5
SR5	12/5/2018 3:15	23.14	92.0	6.55	5.0	SR5	12/5/2018 9:15	23.10	91.2	6.49	2.1	SR5	12/5/2018 15:15	23.19	91.6	6.52	1.7	SR5	12/5/2018 21:15	23.12	90.6	6.44	4.2
SR5	12/5/2018 3:20	23.11	93.0	6.62	5.3	SR5	12/5/2018 9:20	23.09	91.0	6.49	3.6	SR5	12/5/2018 15:20	23.15	89.3	6.36	4.3	SR5	12/5/2018 21:20	23.14	92.0	6.55	3.2
SR5	12/5/2018 3:25	23.15	93.1	6.63	3.6	SR5	12/5/2018 9:25	23.10	91.8	6.54	4.2	SR5	12/5/2018 15:25	23.12	92.7	6.60	3.5	SR5	12/5/2018 21:25	23.13	92.4	6.58	4.1
SR5	12/5/2018 3:30	23.11	92.7	6.60	2.8	SR5	12/5/2018 9:30	23.10	91.5	6.52	3.1	SR5	12/5/2018 15:30	23.19	90.0	6.41	2.6	SR5	12/5/2018 21:30	23.09	91.8	6.54	4.8
SR5	12/5/2018 3:35	23.16	92.8	6.62	4.0	SR5	12/5/2018 9:35	23.11	93.4	6.66	2.7	SR5	12/5/2018 15:35	23.16	92.3	6.57	2.4	SR5	12/5/2018 21:35	23.10	90.7	6.46	3.7
SR5	12/5/2018 3:40	23.15	93.9	6.69	2.9	SR5	12/5/2018 9:40	23.10	92.1	6.57	3.2	SR5	12/5/2018 15:40	23.17	91.1	6.49	3.7	SR5	12/5/2018 21:40	23.13	90.2	6.42	3.5
SR5	12/5/2018 3:45	23.14	94.6	6.74	4.9	SR5	12/5/2018 9:45	23.13	94.1	6.70	3.8	SR5	12/5/2018 15:45	23.18	93.2	6.64	3.5	SR5	12/5/2018 21:45	23.10	90.6	6.45	5.0
SR5	12/5/2018 3:50	23.16	89.6	6.38	3.3	SR5	12/5/2018 9:50	23.13	92.8	6.61	2.3	SR5	12/5/2018 15:50	23.17	90.2	6.42	2.0	SR5	12/5/2018 21:50	23.11	89.6	6.38	4.2
SR5	12/5/2018 3:55	23.14	91.9	6.55	3.5	SR5	12/5/2018 9:55	23.10	94.1	6.70	3.7	SR5	12/5/2018 15:55	23.14	91.6	6.52	4.0	SR5	12/5/2018 21:55	23.12	92.8	6.61	3.2
SR5	12/5/2018 4:00	23.15	93.9	6.69	3.9	SR5	12/5/2018 10:00	23.15	94.3	6.71	3.6	SR5	12/5/2018 16:00	23.15	90.7	6.46	4.6	SR5	12/5/2018 22:00	23.12	92.2	6.56	3.2
SR5	12/5/2018 4:05	23.14	92.4	6.58	4.1	SR5	12/5/2018 10:05	23.11	94.1	6.70	2.8	SR5	12/5/2018 16:05	23.14	93.1	6.62	2.5	SR5	12/5/2018 22:05	23.10	88.9	6.33	3.4
SR5	12/5/2018 4:10	23.13	92.2	6.58	3.9	SR5	12/5/2018 10:10	23.13	93.4	6.65	3.0	SR5	12/5/2018 16:10	23.16	91.2	6.49	2.3	SR5	12/5/2018 22:10	23.12	90.9	6.47	3.0
SR5	12/5/2018 4:15	23.15	92.7	6.61	3.9	SR5	12/5/2018 10:15	23.11	93.1	6.63	4.0	SR5	12/5/2018 16:15	23.16	89.6	6.38	4.6	SR5	12/5/2018 22:15	23.15	91.0	6.47	4.2
SR5	12/5/2018 4:20	23.15	91.3	6.51	2.8	SR5	12/5/2018 10:20	23.14	92.7	6.61	1.5	SR5	12/5/2018 16:20	23.17	93.7	6.67	4.7	SR5	12/5/2018 22:20	23.11	90.1	6.42	4.2
SR5	12/5/2018 4:25	23.13	92.2	6.57	3.5	SR5	12/5/2018 10:25	23.10	94.8	6.75	3.2	SR5	12/5/2018 16:25	23.14	90.1	6.42	4.7	SR5	12/5/2018 22:25	23.13	90.5	6.44	2.8
SR5	12/5/2018 4:30	23.13	91.5	6.53	4.1	SR5	12/5/2018 10:30	23.14	92.5	6.59	2.7	SR5	12/5/2018 16:30	23.14	91.8	6.54	2.5	SR5	12/5/2018 22:30	23.12	90.7	6.45	4.0
SR5	12/5/2018 4:35	23.16	91.1	6.49	3.2	SR5	12/5/2018 10:35	23.14	91.6	6.53	3.3	SR5	12/5/2018 16:35	23.16	90.7	6.46	4.5	SR5	12/5/2018 22:35	23.13	89.0	6.34	3.6
SR5	12/5/2018 4:40	23.14	90.9	6.48	2.3	SR5	12/5/2018 10:40	23.15	94.4	6.72	3.1	SR5	12/5/2018 16:40	23.15	90.7	6.46	4.1	SR5	12/5/2018 22:40	23.13	89.5	6.37	3.7
SR5	12/5/2018 4:45	23.15	91.2	6.50	4.3	SR5	12/5/2018 10:45	23.13	91.8	6.54	4.1	SR5	12/5/2018 16:45	23.14	92.8	6.60	3.8	SR5	12/5/2018 22:45	23.10	92.2	6.56	4.3
SR5	12/5/2018 4:50	23.13	91.0	6.48	4.7	SR5	12/5/2018 10:50	23.11	91.0	6.49	3.9	SR5	12/5/2018 16:50	23.15	90.8	6.46	3.7	SR5	12/5/2018 22:50	23.11	89.5	6.37	3.8
SR5	12/5/2018 4:55	23.12	91.2	6.50	4.0	SR5	12/5/2018 10:55	23.13	92.1	6.56	4.2	SR5	12/5/2018 16:55	23.16	93.2	6.63	3.0	SR5	12/5/2018 22:55	23.12	88.9	6.33	2.1
SR5	12/5/2018 5:00	23.14	89.4	6.37	2.9	SR5	12/5/2018 11:00	23.11	93.7	6.67	2.2	SR5	12/5/2018 17:00	23.16	90.3	6.43	3.4	SR5	12/5/2018 23:00	23.10	89.1	6.34	3.6
SR5	12/5/2018 5:05	23.15	91.2	6.49	1.9	SR5	12/5/2018 11:05	23.13	94.1	6.70	4.6	SR5	12/5/2018 17:05	23.15	91.8	6.53	1.7	SR5	12/5/2018 23:05	23.11	90.3	6.42	3.6
SR5	12/5/2018 5:10	23.14	92.3	6.57	3.1	SR5	12/5/2018 11:10	23.15	91.9	6.55	3.1	SR5	12/5/2018 17:10	23.15	90.5	6.44	2.8	SR5	12/5/2018 23:10	23.13	90.3	6.43	3.5
SR5	12/5/2018 5:15	23.14	89.3	6.37	3.5	SR5	12/5/2018 11:15	23.13	90.5	6.45	2.9	SR5	12/5/2018 17:15	23.15	92.9	6.61	3.3	SR5	12/5/2018 23:15	23.14	88.9	6.33	4.3
SR5	12/5/2018 5:20	23.16	89.6	6.38	5.2	SR5	12/5/2018 11:20	23.12	94.6	6.74	4.5	SR5	12/5/2018 17:20	23.17	91.8	6.53	2.6	SR5	12/5/2018 23:20	23.13	88.5	6.30	3.8
SR5	12/5/2018 5:25	23.12	92.6	6.60	3.7	SR5	12/5/2018 11:25	23.13	94.2	6.70	3.3	SR5	12/5/2018 17:25	23.17	92.5	6.58	1.9	SR5	12/5/2018 23:25	23.13	89.2	6.35	4.0
SR5	12/5/2018 5:30	23.12	90.3	6.43	2.2	SR5	12/5/2018 11:30	23.14	92.6	6.59	3.5	SR5	12/5/2018 17:30	23.18	89.4	6.36	3.1	SR5	12/5/2018 23:30	23.13	88.6	6.31	2.9
SR5	12/5/2018 5:35	23.11	89.6	6.38	3.8	SR5	12/5/2018 11:35	23.14	91.0	6.49	4.5	SR5	12/5/2018 17:35	23.15	92.1	6.55	3.1	SR5	12/5/2018 23:35	23.10	92.3	6.57	4.2
SR5	12/5/2018 5:40	23.11	90.2	6.43	4.0	SR5	12/5/2018 11:40	23.11	92.2	6.56	4.5	SR5	12/5/2018 17:40	23.15	91.7	6.52	4.0	SR5	12/5/2018 23:40	23.13	89.2	6.35	4.4
SR5	12/5/2018 5:45	23.12	89.9	6.41	2.7	SR5	12/5/2018 11:45	23.10	92.0	6.55	3.5	SR5	12/5/2018 17:45	23.19	92.3	6.57	4.4	SR5	12/5/2018 23:45	23.11	89.9	6.40	5.0
SR5	12/5/2018 5:50	23.14	92.8	6.61	4.7	SR5	12/5/2018 11:50	23.14	94.2	6.71	4.1	SR5	12/5/2018 17:50	23.18	91.2	6.49	3.6	SR5	12/5/2018 23:50	23.15	88.4	6.30	3.2
SR5	12/5/2018 5:55	23.11	93.3	6.65	3.4	SR5	12/5/2018 11:55	23.14	93.2	6.64	2.3	SR5	12/5/2018 17:55	23.15	90.4	6.43	3.8	SR5	12/5/2018 23:55	23.11	86.3	6.14	3.4

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/5/2018 0:01	24.22	76.9	5.61	7.5	SR12	12/5/2018 6:01	23.45	77.6	5.62	4.4	SR12	12/5/2018 12:01	23.36	78.8	5.71	4.2	SR12	12/5/2018 18:01	23.54	78.2	5.66	2.8
SR12	12/5/2018 0:06	24.22	77.1	5.63	7.1	SR12	12/5/2018 6:06	23.44	77.4	5.61	4.4	SR12	12/5/2018 12:06	23.37	78.9	5.71	3.9	SR12	12/5/2018 18:06	23.53	77.2	5.59	3.9
SR12	12/5/2018 0:11	24.23	76.3	5.57	6.4	SR12	12/5/2018 6:11	23.46	77.6	5.62	3.3	SR12	12/5/2018 12:11	23.37	78.6	5.70	4.3	SR12	12/5/2018 18:11	23.53	77.4	5.60	4.9
SR12	12/5/2018 0:16	24.23	76.2	5.56	7.6	SR12	12/5/2018 6:16	23.47	77.9	5.64	5.4	SR12	12/5/2018 12:16	23.36	78.2	5.67	5.5	SR12	12/5/2018 18:16	23.53	77.7	5.62	5.5
SR12	12/5/2018 0:21	24.24	76.6	5.59	5.4	SR12	12/5/2018 6:21	23.47	76.6	5.55	3.0	SR12	12/5/2018 12:21	23.36	78.5	5.69	5.9	SR12	12/5/2018 18:21	23.50	77.2	5.58	4.1
SR12	12/5/2018 0:26	24.21	77.3	5.64	4.6	SR12	12/5/2018 6:26	23.47	77.1	5.59	3.8	SR12	12/5/2018 12:26	23.36	78.2	5.67	4.5	SR12	12/5/2018 18:26	23.50	77.8	5.63	4.5
SR12	12/5/2018 0:31	24.21	77.1	5.63	7.6	SR12	12/5/2018 6:31	23.47	78.1	5.66	3.2	SR12	12/5/2018 12:31	23.37	78.5	5.69	3.8	SR12	12/5/2018 18:31	23.48	78.0	5.65	4.0
SR12	12/5/2018 0:36	24.21	76.6	5.59	4.6	SR12	12/5/2018 6:36	23.45	76.8	5.56	4.9	SR12	12/5/2018 12:36	23.36	78.8	5.71	2.9	SR12	12/5/2018 18:36	23.59	77.3	5.59	4.9
SR12	12/5/2018 0:41	24.21	77.0	5.62	4.8	SR12	12/5/2018 6:41	23.38	73.9	5.36	3.6	SR12	12/5/2018 12:41	23.37	78.5	5.68	4.3	SR12	12/5/2018 18:41	23.60	77.5	5.60	5.9
SR12	12/5/2018 0:46	24.20	77.0	5.62	4.7	SR12	12/5/2018 6:46	23.40	76.0	5.50	3.4	SR12	12/5/2018 12:46	23.37	78.3	5.67	5.4	SR12	12/5/2018 18:46	23.60	77.6	5.60	4.8
SR12	12/5/2018 0:51	24.21	76.4	5.58	3.9	SR12	12/5/2018 6:51	23.38	73.6	5.34	4.5	SR12	12/5/2018 12:51	23.37	78.5	5.69	4.3	SR12	12/5/2018 18:51	23.58	77.7	5.62	4.5
SR12	12/5/2018 0:56	24.20	76.9	5.61	7.7	SR12	12/5/2018 6:56	23.36	69.2	5.02	5.2	SR12	12/5/2018 12:56	23.38	78.7	5.70	4.6	SR12	12/5/2018 18:56	23.58	77.4	5.59	4.5
SR12	12/5/2018 1:01	24.11	77.5	5.62	3.7	SR12	12/5/2018 7:01	23.35	69.4	5.03	3.9	SR12	12/5/2018 13:01	23.38	78.3	5.68	2.6	SR12	12/5/2018 19:01	23.57	77.0	5.57	5.5
SR12	12/5/2018 1:06	23.86	78.1	5.66	6.1	SR12	12/5/2018 7:06	23.34	68.9	5.00	5.7	SR12	12/5/2018 13:06	23.38	78.4	5.68	4.6	SR12	12/5/2018 19:06	23.57	75.7	5.48	3.5
SR12	12/5/2018 1:11	23.50	78.4	5.68	5.2	SR12	12/5/2018 7:11	23.35	71.1	5.16	4.2	SR12	12/5/2018 13:11	23.38	77.8	5.64	5.0	SR12	12/5/2018 19:11	23.56	75.8	5.48	3.9
SR12	12/5/2018 1:16	23.50	77.6	5.62	4.0	SR12	12/5/2018 7:16	23.35	72.9	5.29	3.8	SR12	12/5/2018 13:16	23.40	77.7	5.63	4.7	SR12	12/5/2018 19:16	23.55	75.2	5.44	5.1
SR12	12/5/2018 1:21	23.49	77.2	5.59	4.4	SR12	12/5/2018 7:21	23.35	75.4	5.47	4.9	SR12	12/5/2018 13:21	23.39	77.7	5.63	3.9	SR12	12/5/2018 19:21	23.55	75.2	5.45	5.6
SR12	12/5/2018 1:26	23.48	76.6	5.55	4.3	SR12	12/5/2018 7:26	23.34	74.0	5.37	2.5	SR12	12/5/2018 13:26	23.39	77.4	5.61	4.7	SR12	12/5/2018 19:26	23.56	74.6	5.40	4.5
SR12	12/5/2018 1:31	23.48	78.2	5.67	4.8	SR12	12/5/2018 7:31	23.35	72.4	5.25	2.7	SR12	12/5/2018 13:31	23.40	76.9	5.57	4.8	SR12	12/5/2018 19:31	23.56	73.8	5.34	4.8
SR12	12/5/2018 1:36	23.48	78.2	5.66	4.2	SR12	12/5/2018 7:36	23.31	71.1	5.17	4.9	SR12	12/5/2018 13:36	23.39	77.5	5.62	4.6	SR12	12/5/2018 19:36	23.54	74.6	5.40	4.5
SR12	12/5/2018 1:41	23.49	78.3	5.67	4.6	SR12	12/5/2018 7:41	23.36	74.0	5.37	6.1	SR12	12/5/2018 13:41	23.39	77.3	5.60	3.3	SR12	12/5/2018 19:41	23.54	74.4	5.38	5.1
SR12	12/5/2018 1:46	23.48	78.1	5.66	3.6	SR12	12/5/2018 7:46	23.29	70.3	5.11	3.2	SR12	12/5/2018 13:46	23.40	77.3	5.60	3.7	SR12	12/5/2018 19:46	23.49	76.1	5.51	4.2
SR12	12/5/2018 1:51	23.48	77.9	5.65	5.8	SR12	12/5/2018 7:51	23.30	70.9	5.15	3.9	SR12	12/5/2018 13:51	23.41	77.5	5.61	3.9	SR12	12/5/2018 19:51	23.50	76.0	5.50	4.7
SR12	12/5/2018 1:56	23.48	77.3	5.60	5.0	SR12	12/5/2018 7:56	23.29	70.0	5.08	5.6	SR12	12/5/2018 13:56	23.41	77.5	5.61	5.7	SR12	12/5/2018 19:56	23.47	76.8	5.56	6.0
SR12	12/5/2018 2:01	23.48	77.5	5.61	4.5	SR12	12/5/2018 8:01	23.32	71.4	5.18	5.0	SR12	12/5/2018 14:01	23.41	77.6	5.62	5.3	SR12	12/5/2018 20:01	23.49	77.2	5.59	4.1
SR12	12/5/2018 2:06	23.48	76.9	5.58	5.5	SR12	12/5/2018 8:06	23.32	71.7	5.20	4.3	SR12	12/5/2018 14:06	23.43	77.7	5.63	6.1	SR12	12/5/2018 20:06	23.48	77.6	5.62	4.9
SR12	12/5/2018 2:11	23.50	76.4	5.54	3.4	SR12	12/5/2018 8:11	23.33	69.2	5.02	5.7	SR12	12/5/2018 14:11	23.42	78.0	5.65	4.9	SR12	12/5/2018 20:11	23.54	78.0	5.64	4.8
SR12	12/5/2018 2:16	23.51	77.5	5.62	5.0	SR12	12/5/2018 8:16	23.33	71.0	5.15	5.0	SR12	12/5/2018 14:16	23.41	77.7	5.63	3.2	SR12	12/5/2018 20:16	23.56	76.8	5.55	5.0
SR12	12/5/2018 2:21	23.49	77.0	5.58	4.8	SR12	12/5/2018 8:21	23.35	76.5	5.55	3.7	SR12	12/5/2018 14:21	23.41	77.5	5.61	5.1	SR12	12/5/2018 20:21	23.53	75.7	5.48	4.9
SR12	12/5/2018 2:26	23.48	77.0	5.58	4.4	SR12	12/5/2018 8:26	23.37	79.1	5.74	4.9	SR12	12/5/2018 14:26	23.42	77.9	5.64	5.7	SR12	12/5/2018 20:26	23.52	76.2	5.52	3.6
SR12	12/5/2018 2:31	23.48	77.5	5.62	5.0	SR12	12/5/2018 8:31	23.36	79.8	5.79	4.4	SR12	12/5/2018 14:31	23.42	79.3	5.74	3.8	SR12	12/5/2018 20:31	23.51	73.4	5.32	5.4
SR12	12/5/2018 2:36	23.46	77.9	5.64	3.9	SR12	12/5/2018 8:36	23.37	80.5	5.83	5.3	SR12	12/5/2018 14:36	23.42	79.7	5.77	5.0	SR12	12/5/2018 20:36	23.55	72.0	5.22	4.5
SR12	12/5/2018 2:41	23.46	77.7	5.63	3.2	SR12	12/5/2018 8:41	23.37	80.5	5.84	5.2	SR12	12/5/2018 14:41	23.42	79.7	5.77	6.2	SR12	12/5/2018 20:41	23.51	74.8	5.42	4.0
SR12	12/5/2018 2:46	23.45	77.1	5.59	4.9	SR12	12/5/2018 8:46	23.37	80.3	5.83	5.2	SR12	12/5/2018 14:46	23.44	78.4	5.67	4.5	SR12	12/5/2018 20:46	23.50	76.1	5.51	5.2
SR12	12/5/2018 2:51	23.45	77.2	5.60	3.5	SR12	12/5/2018 8:51	23.36	79.8	5.79	4.5	SR12	12/5/2018 14:51	23.44	79.3	5.74	3.6	SR12	12/5/2018 20:51	23.46	76.9	5.57	6.1
SR12	12/5/2018 2:56	23.45	77.3	5.60	3.4	SR12	12/5/2018 8:56	23.34	80.9	5.87	4.1	SR12	12/5/2018 14:56	23.44	79.8	5.77	2.8	SR12	12/5/2018 20:56	23.45	77.2	5.59	4.5
SR12	12/5/2018 3:01	23.44	77.3	5.60	4.2	SR12	12/5/2018 9:01	23.35	78.6	5.70	5.6	SR12	12/5/2018 15:01	23.45	80.3	5.81	5.0	SR12	12/5/2018 21:01	23.48	76.6	5.55	4.7
SR12	12/5/2018 3:06	23.44	77.2	5.60	5.0	SR12	12/5/2018 9:06	23.35	78.2	5.67	3.5	SR12	12/5/2018 15:06	23.45	80.4	5.82	3.7	SR12	12/5/2018 21:06	23.47	77.1	5.58	4.2
SR12	12/5/2018 3:11	23.45	75.5	5.48	3.5	SR12	12/5/2018 9:11	23.34	79.9	5.80	3.3	SR12	12/5/2018 15:11	23.45	80.1	5.80	5.2	SR12	12/5/2018 21:11	23.45	78.5	5.68	4.9
SR12	12/5/2018 3:16	23.45	76.2	5.52	5.7	SR12	12/5/2018 9:16	23.34	80.2	5.82	3.9	SR12	12/5/2018 15:16	23.45	79.5	5.76	4.3	SR12	12/5/2018 21:16	23.46	78.4	5.67	2.9
SR12	12/5/2018 3:21	23.46	77.1	5.59	5.6	SR12	12/5/2018 9:21	23.35	80.3	5.83	4.6	SR12	12/5/2018 15:21	23.47	79.9	5.78	4.0	SR12	12/5/2018 21:21	23.45	77.8	5.63	5.2
SR12	12/5/2018 3:26	23.46	75.4	5.47	4.9	SR12	12/5/2018 9:26	23.35	81.3	5.90	5.3	SR12	12/5/2018 15:26	23.47	79.8	5.77	4.3	SR12	12/5/2018 21:26	23.44	77.8	5.63	4.8
SR12	12/5/2018 3:31	23.45	76.7	5.56	4.7	SR12	12/5/2018 9:31	23.35	80.8	5.86	5.0	SR12	12/5/2018 15:31	23.48	79.9	5.78	3.8	SR12	12/5/2018 21:31	23.43	77.7	5.63	4.3
SR12	12/5/2018 3:36	23.46	76.7	5.56	3.2	SR12	12/5/2018 9:36	23.35	80.9	5.87	4.1	SR12	12/5/2018 15:36	23.47	79.9	5.78	4.0	SR12	12/5/2018 21:36	23.42	78.4	5.68	2.9
SR12	12/5/2018 3:41	23.46	76.8	5.56	5.1	SR12	12/5/2018 9:41	23.35	81.3	5.90	4.2	SR12	12/5/2018 15:41	23.46	80.0	5.79	4.5	SR12	12/5/2018 21:41	23.43	78.1	5.65	3.8
SR12	12/5/2018 3:46	23.46	77.0	5.58	3.9	SR12	12/5/2018 9:46	23.35	81.3	5.90	3.0	SR12	12/5/2018 15:46	23.48	80.5	5.83	4.8	SR12	12/5/2018 21:46	23.43	78.5	5.68	6.3
SR12	12/5/2018 3:51	23.45	71.5	5.19	6.0	SR12	12/5/2018 9:51	23.35	79.4	5.76	3.5	SR12	12/5/2018 15:51	23.45	80.5	5.83	5.0	SR12	12/5/2018 21:51	23.42	78.0	5.65	5.0
SR12	12/5/2018 3:56	23.47	73.2	5.30	3.9	SR12	12/5/2018 9:56	23.37	79.1	5.74	3.4	SR12	12/5/2018 15:56	23.48	80.2	5.80	3.2	SR12	12/5/2018 21:56	23.43	77.8	5.63	4.5
SR12	12/5/2018 4:01	23.47	73.3	5.31	4.9	SR12	12/5/2018 10:01	23.36	79.5	5.76	4.2	SR12	12/5/2018 16:01	23.48	79.2	5.73	5.4	SR12	12/5/2018 22:01	23.43	77.5	5.61	3.4
SR12	12/5/2018 4:06	23.42	69.3	5.03	5.1	SR12	12/5/2018 10:06	23.36	79.6	5.77	4.4	SR12	12/5/2018 16:06	23.48	79.3	5.74	4.2	SR12	12/5/2018 22:06	23.43	77.3	5.60	4.6
SR12	12/5/2018 4:11	23.45	75.2	5.46	3.5	SR12	12/5/2018 10:11	23.36	79.1	5.73	3.9	SR12	12/5/2018 16:11	23.48	79.9	5.78	5.5	SR12	12/5/2018 22:11	23.44	77.0	5.57	4.9
SR12	12/5/2018 4:16	23.45	74.4	5.40	4.5	SR12	12/5/2018 10:16	23.37	79.1	5.73	3.6	SR12	12/5/2018 16:16	23.48	78.5	5.68	6.1	SR12	12/5/2018 22:16	23.47	77.4	5.60	4.9
SR12	12/5/2018 4:21	23.45	74.7	5.41	4.9	SR12	12/5/2018 10:21	23.37	79.3	5.75	3.7	SR12	12/5/2018 16:21	23.48	79.0	5.71	5.1	SR12	12/5/2018 22:21	23.45	77.2	5.59	2.9
SR12	12/5/2018 4:26	23.45	76.0	5.51	2.6	SR12	12/5/2018 10:26	23.36	78.6	5.69	3.1	SR12	12/5/2018 16:26	23.49	79.3	5.74	3.0	SR12	12/5/2018 22:26	23.43	77.4	5.60	5.7
SR12	12/5/2018 4:31	23.45	74.2	5.38	4.1	SR12	12/5/2018 10:31	23.36	78.7	5.71	4.6	SR12	12/5/2018 16:31	23.49	79.0	5.72	4.7	SR12	12/5/2018 22:31	23.43	77.7	5.62	3.6
SR12	12/5/2018 4:36	23.50	72.3	5.24	5.6	SR12	12/5/2018 10:36	23.37	78.5	5.69	4.5	SR12	12/5/2018 16:36	23.47	78.4	5.68	3.6	SR12	12/5/2018 22:36	23.44	77.3	5.59	4.7
SR12	12/5/2018 4:41	23.49	71.0	5.15	2.9	SR12	12/5/2018 10:41	23.37	79.5	5.76	3.6	SR12	12/5/2018 16:41	23.48	78.3	5.66	4.9	SR12	12/5/2018 22:41	23.43	77.9	5.64	3.9
SR12	12/5/2018 4:46	23.47	71.5	5.18	5.1	SR12	12/5/2018 10:46	23.36	79.0	5.73	3.7	SR12	12/5/2018 16:46	23.54	78.5	5.68	3.3	SR12	12/5/2018 22:46	23.43	78.1	5.65	3.2
SR12	12/5/2018 4:51	23.50	73.5	5.33	6.0	SR12	12/5/2018 10:51	23.36	79.0	5.73	5.2	SR12	12/5/2018 16:51	23.50	77.0	5.57	3.1	SR12	12/5/2018 22:51	23.43	78.1	5.66	5.2
SR12	12/5/2018 4:56	23.47	73.8	5.35	5.4	SR12	12/5/2018 10:56	23.36	78.5	5.69	5.0	SR12	12/5/2018 16:56	23.49	78.8	5.70	5.7	SR12	12/5/2018 22:56	23.43	78.3	5.66	4.5
SR12	12/5/2018 5:01	23.48	73.6	5.34	2.7	SR12	12/5/2018 11:01	23.36	78.8	5.71	3.7	SR12	12/5/2018 17:01	23.50	78.1	5.65	4.8	SR12	12/5/2018 23:01	23.43	77.5	5.61	5.0
SR12	12/5/2018 5:06	23.47	74.0	5.36	3.8	SR12	12/5/2018 11:06	23.36	79.4	5.75	5.2	SR12	12/5/2018 17:06	23.51	77.8	5.63	3.7	SR12	12/5/2018 23:06	23.43	78.3	5.66	2.6
SR12	12/5/2018 5:11	23.47	74.5	5.40	4.3	SR12	12/5/2018 11:11	23.35	79.2	5.74	2.7	SR12	12/5/2018 17:11	23.50	78.3	5.66	3.3	SR12	12/5/2018 23:11	23.45	76.7	5.56	3.7
SR12	12/5/2018 5:16	23.47	74.0	5.36	5.0	SR12	12/5/2018 11:16	23.34	78.9	5.72	4.5	SR12	12/5/2018 17:16	23.51	77.7	5.62	3.5	SR12	12/5/2018 23:16	23.44	77.6	5.62	4.8
SR12	12/5/2018 5:21	23.48	73.9	5.36	5.8	SR12	12/5/2018 11:21	23.35	79.2	5.74	4.8	SR12	12/5/2018 17:21	23.50	78.6	5.68	4.4	SR12	12/5/2018 23:21	23.43	77.9	5.64	3.7
SR12	12/5/2018 5:26	23.48	74.0	5.36	3.9	SR12	12/5/2018 11:26	23.35	78.3	5.67	6.0	SR12	12/5/2018 17:26	23.52	78.3	5.66	4.4	SR12	12/5/2018 23:26	23.43	77.7	5.62	2.5
SR12	12/5/2018 5:31	23.47	75.8	5.49	4.4	SR12	12/5/2018 11:31	23.35	78.8	5.71	5.1	SR12	12/5/2018 17:31	23.51	78.1	5.65	4.7	SR12	12/5/2018 23:31	23.42	78.4	5.67	4.8
SR12	12/5/2018 5:36	23.47	75.9	5.50	4.7	SR12	12/5/2018 11:36	23.35	78.2	5.67	2.9	SR12	12/5/2018 17:36	23.52	78.2	5.66	4.1	SR12	12/5/2018 23:36	23.42	78.1	5.65	3.6
SR12	12/5/2018 5:41	23.47	76.5	5.54	5.0	SR12	12/5/2018 11:41	23.35	78.8	5.71	4.4	SR12	12/5/2018 17:41	23.56	77.6	5.61	5.2	SR12	12/5/2018 23:41	23.43	78.4	5.67	3.8
SR12	12/5/2018 5:46	23.46	76.9	5.58	4.9	SR12	12/5/2018 11:46	23.35	79.4	5.75	3.6	SR12	12/5/2018 17:46	23.55	78.0	5.64	5.8	SR12	12/5/2018 23:46	23.43	77.9	5.64	5.9
SR12	12/5/2018 5:51	23.46	77.7	5.63	4.0	SR12	12/5/2018 11:51	23.35	79.1	5.73	3.4	SR12	12/5/2018 17:51	23.55	77.6	5.61	5.3	SR12	12/5/2018 23:51	23.43	77.8	5.64	5.2
SR12	12/5/2018 5:56	23.46	77.7	5.63	4.4	SR12	12/5/2018 11:56	23.35	79.3	5.75	3.1	SR12	12/5/2018 17:56	23.55	77.8	5.63	3.9	SR12	12/5/2018 23:56	23.42	77.8	5.63	5.9

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/5/2018 0:00	22.55	79.0	5.55	3.9	SR13	12/5/2018 6:00	22.53	79.4	5.57	1.9	SR13	12/5/2018 12:00	22.51	79.6	5.58	5.3	SR13	12/5/2018 18:00	22.53	79.6	5.58	5.0
SR13	12/5/2018 0:05	22.55	78.9	5.54	6.4	SR13	12/5/2018 6:05	22.52	79.5	5.57	3.8	SR13	12/5/2018 12:05	22.52	80.1	5.62	3.1	SR13	12/5/2018 18:05	22.53	79.5	5.57	6.0
SR13	12/5/2018 0:10	22.54	79.8	5.60	1.5	SR13	12/5/2018 6:10	22.52	79.7	5.58	2.7	SR13	12/5/2018 12:10	22.52	79.5	5.57	1.5	SR13	12/5/2018 18:10	22.52	80.0	5.60	5.2
SR13	12/5/2018 0:15	22.54	79.6	5.58	1.7	SR13	12/5/2018 6:15	22.52	79.6	5.58	6.6	SR13	12/5/2018 12:15	22.53	79.3	5.56	3.3	SR13	12/5/2018 18:15	22.52	79.1	5.54	3.2
SR13	12/5/2018 0:20	22.53	79.7	5.59	1.9	SR13	12/5/2018 6:20	22.53	79.7	5.59	6.6	SR13	12/5/2018 12:20	22.54	79.5	5.58	4.2	SR13	12/5/2018 18:20	22.52	79.2	5.55	4.1
SR13	12/5/2018 0:25	22.56	79.6	5.59	3.8	SR13	12/5/2018 6:25	22.54	79.7	5.59	1.5	SR13	12/5/2018 12:25	22.53	79.1	5.55	3.5	SR13	12/5/2018 18:25	22.52	79.6	5.57	2.4
SR13	12/5/2018 0:30	22.54	79.8	5.60	5.5	SR13	12/5/2018 6:30	22.53	79.5	5.57	2.1	SR13	12/5/2018 12:30	22.53	79.4	5.57	5.2	SR13	12/5/2018 18:30	22.52	79.8	5.59	5.2
SR13	12/5/2018 0:35	22.54	79.6	5.58	3.7	SR13	12/5/2018 6:35	22.53	79.9	5.60	2.0	SR13	12/5/2018 12:35	22.53	79.9	5.60	5.5	SR13	12/5/2018 18:35	22.52	79.2	5.54	5.6
SR13	12/5/2018 0:40	22.53	79.8	5.60	5.8	SR13	12/5/2018 6:40	22.54	80.0	5.61	6.5	SR13	12/5/2018 12:40	22.54	79.9	5.60	2.7	SR13	12/5/2018 18:40	22.52	79.0	5.53	1.8
SR13	12/5/2018 0:45	22.53	79.7	5.59	1.8	SR13	12/5/2018 6:45	22.50	79.9	5.60	5.1	SR13	12/5/2018 12:45	22.54	79.6	5.57	3.7	SR13	12/5/2018 18:45	22.52	79.3	5.56	2.8
SR13	12/5/2018 0:50	22.54	79.9	5.60	1.7	SR13	12/5/2018 6:50	22.50	80.4	5.63	5.6	SR13	12/5/2018 12:50	22.54	79.5	5.57	5.2	SR13	12/5/2018 18:50	22.52	78.9	5.53	2.5
SR13	12/5/2018 0:55	22.54	79.5	5.58	6.4	SR13	12/5/2018 6:55	22.51	79.9	5.60	4.7	SR13	12/5/2018 12:55	22.54	79.3	5.56	3.6	SR13	12/5/2018 18:55	22.52	79.0	5.53	5.8
SR13	12/5/2018 1:00	22.59	79.1	5.55	6.3	SR13	12/5/2018 7:00	22.51	80.0	5.61	2.6	SR13	12/5/2018 13:00	22.56	80.2	5.62	3.7	SR13	12/5/2018 19:00	22.52	79.2	5.55	2.6
SR13	12/5/2018 1:05	22.62	77.8	5.47	3.3	SR13	12/5/2018 7:05	22.51	79.5	5.57	6.0	SR13	12/5/2018 13:05	22.56	80.0	5.61	6.4	SR13	12/5/2018 19:05	22.52	79.3	5.56	3.8
SR13	12/5/2018 1:10	22.54	79.7	5.59	1.8	SR13	12/5/2018 7:10	22.50	79.8	5.60	4.4	SR13	12/5/2018 13:10	22.57	79.6	5.58	5.7	SR13	12/5/2018 19:10	22.52	79.2	5.55	4.8
SR13	12/5/2018 1:15	22.54	79.5	5.58	2.5	SR13	12/5/2018 7:15	22.50	79.9	5.61	3.4	SR13	12/5/2018 13:15	22.58	80.0	5.60	4.4	SR13	12/5/2018 19:15	22.52	79.0	5.54	5.8
SR13	12/5/2018 1:20	22.55	79.3	5.57	3.2	SR13	12/5/2018 7:20	22.51	79.5	5.57	4.1	SR13	12/5/2018 13:20	22.57	80.0	5.60	6.3	SR13	12/5/2018 19:20	22.52	79.6	5.58	3.8
SR13	12/5/2018 1:25	22.59	79.0	5.55	3.1	SR13	12/5/2018 7:25	22.51	79.1	5.54	4.1	SR13	12/5/2018 13:25	22.58	79.2	5.55	4.5	SR13	12/5/2018 19:25	22.52	79.0	5.53	6.5
SR13	12/5/2018 1:30	22.55	78.7	5.52	2.1	SR13	12/5/2018 7:30	22.53	78.5	5.51	2.0	SR13	12/5/2018 13:30	22.57	78.8	5.52	5.0	SR13	12/5/2018 19:30	22.52	79.1	5.54	4.2
SR13	12/5/2018 1:35	22.54	79.5	5.58	3.5	SR13	12/5/2018 7:35	22.51	79.5	5.57	3.7	SR13	12/5/2018 13:35	22.56	78.8	5.53	5.5	SR13	12/5/2018 19:35	22.52	79.4	5.56	5.3
SR13	12/5/2018 1:40	22.53	79.6	5.58	4.1	SR13	12/5/2018 7:40	22.51	78.6	5.51	3.9	SR13	12/5/2018 13:40	22.54	79.2	5.55	3.7	SR13	12/5/2018 19:40	22.52	79.0	5.53	2.1
SR13	12/5/2018 1:45	22.53	78.4	5.50	3.1	SR13	12/5/2018 7:45	22.51	78.6	5.50	3.4	SR13	12/5/2018 13:45	22.55	78.6	5.51	3.4	SR13	12/5/2018 19:45	22.52	79.3	5.56	3.5
SR13	12/5/2018 1:50	22.53	80.0	5.61	6.0	SR13	12/5/2018 7:50	22.50	78.3	5.48	4.0	SR13	12/5/2018 13:50	22.55	78.6	5.51	3.7	SR13	12/5/2018 19:50	22.52	79.3	5.56	6.4
SR13	12/5/2018 1:55	22.51	80.6	5.65	4.0	SR13	12/5/2018 7:55	22.50	78.7	5.52	2.2	SR13	12/5/2018 13:55	22.54	78.7	5.52	3.5	SR13	12/5/2018 19:55	22.52	78.6	5.51	4.1
SR13	12/5/2018 2:00	22.49	81.0	5.67	3.1	SR13	12/5/2018 8:00	22.50	79.6	5.58	5.8	SR13	12/5/2018 14:00	22.54	78.9	5.53	2.6	SR13	12/5/2018 20:00	22.52	79.2	5.55	4.5
SR13	12/5/2018 2:05	22.48	80.6	5.64	2.2	SR13	12/5/2018 8:05	22.50	79.6	5.58	6.5	SR13	12/5/2018 14:05	22.55	78.7	5.52	3.4	SR13	12/5/2018 20:05	22.52	79.3	5.55	5.9
SR13	12/5/2018 2:10	22.52	80.6	5.65	5.0	SR13	12/5/2018 8:10	22.50	79.6	5.58	2.5	SR13	12/5/2018 14:10	22.54	78.9	5.53	2.3	SR13	12/5/2018 20:10	22.51	79.3	5.55	1.7
SR13	12/5/2018 2:15	22.51	80.8	5.67	6.3	SR13	12/5/2018 8:15	22.50	79.6	5.58	11.0	SR13	12/5/2018 14:15	22.54	79.4	5.56	5.1	SR13	12/5/2018 20:15	22.52	78.9	5.53	5.4
SR13	12/5/2018 2:20	22.49	81.0	5.67	2.5	SR13	12/5/2018 8:20	22.50	78.9	5.53	6.9	SR13	12/5/2018 14:20	22.54	78.9	5.53	3.8	SR13	12/5/2018 20:20	22.51	78.8	5.52	2.0
SR13	12/5/2018 2:25	22.49	81.1	5.69	2.3	SR13	12/5/2018 8:25	22.49	79.9	5.59	3.0	SR13	12/5/2018 14:25	22.53	79.2	5.55	6.3	SR13	12/5/2018 20:25	22.51	78.8	5.52	3.2
SR13	12/5/2018 2:30	22.48	81.2	5.69	6.4	SR13	12/5/2018 8:30	22.50	78.8	5.52	3.0	SR13	12/5/2018 14:30	22.54	79.6	5.58	2.1	SR13	12/5/2018 20:30	22.51	78.6	5.50	3.9
SR13	12/5/2018 2:35	22.49	80.9	5.67	4.1	SR13	12/5/2018 8:35	22.50	79.1	5.54	3.8	SR13	12/5/2018 14:35	22.54	80.0	5.60	3.6	SR13	12/5/2018 20:35	22.51	79.2	5.55	6.2
SR13	12/5/2018 2:40	22.53	79.7	5.59	6.3	SR13	12/5/2018 8:40	22.50	78.6	5.50	2.3	SR13	12/5/2018 14:40	22.54	79.8	5.60	2.7	SR13	12/5/2018 20:40	22.51	78.8	5.52	3.2
SR13	12/5/2018 2:45	22.55	79.5	5.58	5.8	SR13	12/5/2018 8:45	22.51	78.7	5.51	3.1	SR13	12/5/2018 14:45	22.54	80.1	5.62	2.0	SR13	12/5/2018 20:45	22.51	79.1	5.54	3.3
SR13	12/5/2018 2:50	22.54	79.7	5.59	5.2	SR13	12/5/2018 8:50	22.50	79.1	5.54	5.8	SR13	12/5/2018 14:50	22.53	79.6	5.58	3.2	SR13	12/5/2018 20:50	22.51	78.7	5.51	3.2
SR13	12/5/2018 2:55	22.51	80.1	5.61	4.6	SR13	12/5/2018 8:55	22.50	78.0	5.46	3.4	SR13	12/5/2018 14:55	22.53	79.5	5.57	3.6	SR13	12/5/2018 20:55	22.51	78.5	5.50	4.4
SR13	12/5/2018 3:00	22.52	80.2	5.62	3.2	SR13	12/5/2018 9:00	22.50	78.4	5.49	6.6	SR13	12/5/2018 15:00	22.53	79.8	5.59	1.8	SR13	12/5/2018 21:00	22.50	78.8	5.51	5.8
SR13	12/5/2018 3:05	22.53	79.9	5.60	4.4	SR13	12/5/2018 9:05	22.50	79.5	5.57	5.8	SR13	12/5/2018 15:05	22.53	79.2	5.54	5.9	SR13	12/5/2018 21:05	22.52	78.5	5.50	4.2
SR13	12/5/2018 3:10	22.50	80.0	5.61	3.6	SR13	12/5/2018 9:10	22.50	80.1	5.62	4.9	SR13	12/5/2018 15:10	22.53	78.9	5.53	3.3	SR13	12/5/2018 21:10	22.51	78.8	5.52	4.1
SR13	12/5/2018 3:15	22.53	80.0	5.61	5.2	SR13	12/5/2018 9:15	22.50	80.1	5.61	6.5	SR13	12/5/2018 15:15	22.53	79.8	5.59	5.5	SR13	12/5/2018 21:15	22.51	78.3	5.49	1.9
SR13	12/5/2018 3:20	22.52	80.2	5.62	5.7	SR13	12/5/2018 9:20	22.50	80.2	5.62	4.6	SR13	12/5/2018 15:20	22.53	79.8	5.59	6.3	SR13	12/5/2018 21:20	22.51	78.3	5.49	4.5
SR13	12/5/2018 3:25	22.54	80.0	5.61	5.4	SR13	12/5/2018 9:25	22.50	79.6	5.58	2.3	SR13	12/5/2018 15:25	22.53	80.1	5.61	5.3	SR13	12/5/2018 21:25	22.51	78.0	5.46	2.6
SR13	12/5/2018 3:30	22.54	79.8	5.60	4.3	SR13	12/5/2018 9:30	22.50	79.8	5.60	1.6	SR13	12/5/2018 15:30	22.53	79.9	5.59	3.3	SR13	12/5/2018 21:30	22.51	78.5	5.50	6.4
SR13	12/5/2018 3:35	22.54	79.7	5.59	6.2	SR13	12/5/2018 9:35	22.49	80.2	5.62	2.1	SR13	12/5/2018 15:35	22.54	78.7	5.52	2.7	SR13	12/5/2018 21:35	22.51	78.7	5.52	2.4
SR13	12/5/2018 3:40	22.55	79.8	5.60	3.9	SR13	12/5/2018 9:40	22.50	79.6	5.58	3.9	SR13	12/5/2018 15:40	22.54	79.3	5.56	4.7	SR13	12/5/2018 21:40	22.52	78.6	5.51	4.6
SR13	12/5/2018 3:45	22.53	79.9	5.63	6.3	SR13	12/5/2018 9:45	22.49	79.3	5.56	2.6	SR13	12/5/2018 15:45	22.53	78.9	5.53	1.6	SR13	12/5/2018 21:45	22.52	78.1	5.47	6.6
SR13	12/5/2018 3:50	22.51	80.8	5.67	4.8	SR13	12/5/2018 9:50	22.50	79.3	5.56	6.2	SR13	12/5/2018 15:50	22.53	79.0	5.54	6.3	SR13	12/5/2018 21:50	22.51	78.3	5.49	6.3
SR13	12/5/2018 3:55	22.52	80.4	5.64	4.5	SR13	12/5/2018 9:55	22.50	78.8	5.52	2.5	SR13	12/5/2018 15:55	22.53	79.7	5.58	3.1	SR13	12/5/2018 21:55	22.50	79.1	5.54	3.3
SR13	12/5/2018 4:00	22.50	80.7	5.66	3.8	SR13	12/5/2018 10:00	22.50	78.5	5.50	5.6	SR13	12/5/2018 16:00	22.53	80.3	5.62	3.7	SR13	12/5/2018 22:00	22.51	78.6	5.51	5.3
SR13	12/5/2018 4:05	22.51	80.7	5.66	3.6	SR13	12/5/2018 10:05	22.50	79.1	5.54	5.3	SR13	12/5/2018 16:05	22.54	80.3	5.62	4.6	SR13	12/5/2018 22:05	22.51	78.6	5.51	3.8
SR13	12/5/2018 4:10	22.51	80.5	5.65	4.3	SR13	12/5/2018 10:10	22.50	79.8	5.59	2.5	SR13	12/5/2018 16:10	22.54	80.8	5.66	5.8	SR13	12/5/2018 22:10	22.51	78.8	5.53	2.3
SR13	12/5/2018 4:15	22.51	80.5	5.64	5.5	SR13	12/5/2018 10:15	22.50	79.7	5.58	3.6	SR13	12/5/2018 16:15	22.54	80.2	5.62	2.8	SR13	12/5/2018 22:15	22.50	79.1	5.54	3.4
SR13	12/5/2018 4:20	22.51	80.6	5.65	4.5	SR13	12/5/2018 10:20	22.50	80.3	5.63	5.5	SR13	12/5/2018 16:20	22.53	80.8	5.66	4.7	SR13	12/5/2018 22:20	22.50	79.3	5.56	4.4
SR13	12/5/2018 4:25	22.47	81.4	5.71	5.3	SR13	12/5/2018 10:25	22.50	79.9	5.60	1.7	SR13	12/5/2018 16:25	22.53	80.7	5.65	3.4	SR13	12/5/2018 22:25	22.50	78.9	5.52	2.2
SR13	12/5/2018 4:30	22.48	81.6	5.72	5.7	SR13	12/5/2018 10:30	22.50	80.1	5.61	3.7	SR13	12/5/2018 16:30	22.53	81.3	5.70	5.1	SR13	12/5/2018 22:30	22.50	78.9	5.53	4.8
SR13	12/5/2018 4:35	22.48	80.2	5.62	5.4	SR13	12/5/2018 10:35	22.50	80.0	5.61	3.2	SR13	12/5/2018 16:35	22.53	81.2	5.69	5.9	SR13	12/5/2018 22:35	22.50	78.2	5.48	5.1
SR13	12/5/2018 4:40	22.50	80.6	5.65	3.1	SR13	12/5/2018 10:40	22.50	80.4	5.63	2.7	SR13	12/5/2018 16:40	22.52	81.4	5.70	5.7	SR13	12/5/2018 22:40	22.50	78.5	5.50	4.1
SR13	12/5/2018 4:45	22.48	80.7	5.66	2.5	SR13	12/5/2018 10:45	22.50	80.1	5.61	6.4	SR13	12/5/2018 16:45	22.52	81.1	5.69	1.8	SR13	12/5/2018 22:45	22.50	78.8	5.52	6.1
SR13	12/5/2018 4:50	22.48	80.0	5.60	2.8	SR13	12/5/2018 10:50	22.50	80.0	5.61	6.4	SR13	12/5/2018 16:50	22.52	81.2	5.69	4.7	SR13	12/5/2018 22:50	22.50	78.4	5.49	6.0
SR13	12/5/2018 4:55	22.47	81.0	5.68	1.5	SR13	12/5/2018 10:55	22.50	79.8	5.59	4.6	SR13	12/5/2018 16:55	22.52	80.9	5.67	6.3	SR13	12/5/2018 22:55	22.50	78.5	5.49	2.0
SR13	12/5/2018 5:00	22.48	80.7	5.66	3.0	SR13	12/5/2018 11:00	22.50	80.0	5.60	3.7	SR13	12/5/2018 17:00	22.52	80.6	5.65	5.5	SR13	12/5/2018 23:00	22.50	78.4	5.49	2.8
SR13	12/5/2018 5:05	22.48	80.8	5.66	3.6	SR13	12/5/2018 11:05	22.50	79.4	5.57	4.2	SR13	12/5/2018 17:05	22.52	81.2	5.69	2.1	SR13	12/5/2018 23:05	22.50	78.4	5.49	6.4
SR13	12/5/2018 5:10	22.49	80.8	5.67	6.4	SR13	12/5/2018 11:10	22.54	79.5	5.57	6.3	SR13	12/5/2018 17:10	22.52	80.6	5.65	3.8	SR13	12/5/2018 23:10	22.50	78.5	5.50	4.8
SR13	12/5/2018 5:15	22.49	80.5	5.65	3.7	SR13	12/5/2018 11:15	22.53	79.1	5.55	5.9	SR13	12/5/2018 17:15	22.51	80.9	5.67	6.4	SR13	12/5/2018 23:15	22.50	78.8	5.52	6.3
SR13	12/5/2018 5:20	22.49	80.5	5.64	2.2	SR13	12/5/2018 11:20	22.51	79.7	5.59	5.1	SR13	12/5/2018 17:20	22.51	80.8	5.66	3.5	SR13	12/5/2018 23:20	22.50	78.7	5.51	4.1
SR13	12/5/2018 5:25	22.49	80.0	5.60	6.0	SR13	12/5/2018 11:25	22.51	80.2	5.62	5.9	SR13	12/5/2018 17:25	22.52	80.7	5.65	5.2	SR13	12/5/2018 23:25	22.49	79.0	5.53	4.0
SR13	12/5/2018 5:30	22.49	80.0	5.60	2.6	SR13	12/5/2018 11:30	22.51	79.9	5.60	2.3	SR13	12/5/2018 17:30	22.51	81.0	5.67	2.1	SR13	12/5/2018 23:30	22.49	79.5	5.57	3.8
SR13	12/5/2018 5:35	22.52	79.5	5.57	2.9	SR13	12/5/2018 11:35	22.51	79.6	5.58	1.7	SR13	12/5/2018 17:35	22.51	80.3	5.63	4.4	SR13	12/5/2018 23:35	22.50	79.0	5.54	4.3
SR13	12/5/2018 5:40	22.53	79.6	5.58	3.2	SR13	12/5/2018 11:40	22.51	79.6	5.58	6.5	SR13	12/5/2018 17:40	22.51	80.9	5.67	4.1	SR13	12/5/2018 23:40	22.49	79.4	5.57	6.4
SR13	12/5/2018 5:45	22.52	79.5	5.57	1.7	SR13	12/5/2018 11:45	22.51	79.8	5.59	6.5	SR13	12/5/2018 17:45	22.51	80.5	5.64	4.0	SR13	12/5/2018 23:45	22.50	78.8	5.52	2.9
SR13	12/5/2018 5:50	22.51	79.8	5.60	6.6	SR13	12/5/2018 11:50	22.51	79.7	5.59	3.7	SR13	12/5/2018 17:50	22.52	80.7	5.65	6.1	SR13	12/5/2018 23:50	22.50	79.3	5.56	3.6
SR13	12/5/2018 5:55	22.51	80.0	5.61	6.6	SR13	12/5/2018 11:55	22.51	79.7	5.59	5.6	SR13	12/5/2018 17:55	22.53	79.6	5.58	4.8	SR13	12/5/2018 23:55	22.52	78.0	5.47	4.6

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	12/5/2018 0:17	0.02				SR12	12/5/2018 0:17	0.03			
SR4	12/5/2018 0:37	0.02				SR12	12/5/2018 0:37	0.05			
SR4	12/5/2018 0:57	0.02				SR12	12/5/2018 0:57	0.03			
SR4	12/5/2018 1:17	0.02				SR12	12/5/2018 1:17	0.01			
SR4	12/5/2018 1:37	0.03				SR12	12/5/2018 1:37	0.03			
SR4	12/5/2018 1:57	0.02				SR12	12/5/2018 1:57	0.03			
SR4	12/5/2018 2:17	0.03				SR12	12/5/2018 2:17	0.04			
SR4	12/5/2018 2:37	0.02				SR12	12/5/2018 2:37	0.01			
SR4	12/5/2018 2:57	0.01				SR12	12/5/2018 2:57	0.02			
SR4	12/5/2018 3:17	0.03				SR12	12/5/2018 3:17	0.02			
SR4	12/5/2018 3:37	0.03				SR12	12/5/2018 3:37	0.01			
SR4	12/5/2018 3:57	0.03				SR12	12/5/2018 3:57	0.05			
SR4	12/5/2018 4:17	0.02				SR12	12/5/2018 4:17	0.02			
SR4	12/5/2018 4:37	0.03				SR12	12/5/2018 4:37	0.04			
SR4	12/5/2018 4:57	0.03				SR12	12/5/2018 4:57	0.01			
SR4	12/5/2018 5:17	0.01				SR12	12/5/2018 5:17	0.04			
SR4	12/5/2018 5:37	0.03				SR12	12/5/2018 5:37	0.01			
SR4	12/5/2018 5:57	0.03				SR12	12/5/2018 5:57	0.02			
SR4						SR12					
SR4	12/5/2018 6:37	0.03				SR12	12/5/2018 6:37	0.04			
SR4	12/5/2018 6:57	0.02				SR12	12/5/2018 6:57	0.01			
SR4	12/5/2018 7:17	0.03				SR12	12/5/2018 7:17	0.01			
SR4	12/5/2018 7:37	0.02				SR12	12/5/2018 7:37	0.03			
SR4	12/5/2018 7:57	0.03				SR12	12/5/2018 7:57	0.02			
SR4	12/5/2018 8:17	0.01				SR12	12/5/2018 8:17	0.01			
SR4	12/5/2018 8:37	0.02				SR12	12/5/2018 8:37	0.03			
SR4	12/5/2018 8:57	0.02				SR12	12/5/2018 8:57	0.01			
SR4	12/5/2018 9:17	0.02				SR12	12/5/2018 9:17	0.04			
SR4	12/5/2018 9:37	0.01				SR12	12/5/2018 9:37	0.01			
SR4	12/5/2018 9:57	0.01				SR12	12/5/2018 9:57	0.03			
SR4	12/5/2018 10:17	0.03				SR12	12/5/2018 10:17	0.01			
SR4	12/5/2018 10:37	0.02				SR12	12/5/2018 10:37	0.01			
SR4	12/5/2018 10:57	0.01				SR12	12/5/2018 10:57	0.01			
SR4	12/5/2018 11:17	0.02				SR12	12/5/2018 11:17	0.01			
SR4	12/5/2018 11:37	0.03				SR12	12/5/2018 11:37	0.01			
SR4	12/5/2018 11:57	0.01				SR12	12/5/2018 11:57	0.02			
SR4	12/5/2018 12:17	0.01				SR12	12/5/2018 12:17	0.03			
SR4	12/5/2018 12:37	0.02				SR12	12/5/2018 12:37	0.01			
SR4	12/5/2018 12:57	0.02				SR12	12/5/2018 12:57	0.01			
SR4	12/5/2018 13:17	0.03				SR12	12/5/2018 13:17	0.02			
SR4	12/5/2018 13:37	0.02				SR12	12/5/2018 13:37	0.02			
SR4	12/5/2018 13:57	0.02				SR12	12/5/2018 13:57	0.04			
SR4	12/5/2018 14:17	0.01				SR12	12/5/2018 14:17	0.01			
SR4	12/5/2018 14:37	0.01				SR12	12/5/2018 14:37	0.02			
SR4	12/5/2018 14:57	0.01				SR12	12/5/2018 14:57	0.02			
SR4	12/5/2018 15:17	0.01				SR12	12/5/2018 15:17	0.02			
SR4	12/5/2018 15:37	0.01				SR12	12/5/2018 15:37	0.02			
SR4	12/5/2018 15:57	0.01				SR12	12/5/2018 15:57	0.01			
SR4	12/5/2018 16:17	0.01				SR12	12/5/2018 16:17	0.01			
SR4	12/5/2018 16:37	0.02				SR12	12/5/2018 16:37	0.01			
SR4	12/5/2018 16:57	0.02				SR12	12/5/2018 16:57	0.01			
SR4	12/5/2018 17:17	0.02				SR12	12/5/2018 17:17	0.03			
SR4	12/5/2018 17:37	0.02				SR12	12/5/2018 17:37	0.01			
SR4	12/5/2018 17:57	0.02				SR12	12/5/2018 17:57	0.01			
SR4	12/5/2018 18:17	0.01				SR12	12/5/2018 18:17	0.04			
SR4	12/5/2018 18:37	0.02				SR12	12/5/2018 18:37	0.01			
SR4	12/5/2018 18:57	0.01				SR12	12/5/2018 18:57	0.03			
SR4	12/5/2018 19:17	0.01				SR12	12/5/2018 19:17	0.01			
SR4	12/5/2018 19:37	0.01				SR12	12/5/2018 19:37	0.01			
SR4	12/5/2018 19:57	0.01				SR12	12/5/2018 19:57	0.03			
SR4	12/5/2018 20:17	0.01				SR12	12/5/2018 20:17	0.03			
SR4	12/5/2018 20:37	0.01				SR12	12/5/2018 20:37	0.01			
SR4	12/5/2018 20:57	0.01				SR12	12/5/2018 20:57	0.04			
SR4	12/5/2018 21:17	0.01				SR12	12/5/2018 21:17	0.01			
SR4	12/5/2018 21:37	0.01				SR12	12/5/2018 21:37	0.04			
SR4	12/5/2018 21:57	0.01				SR12	12/5/2018 21:57	0.04			
SR4	12/5/2018 22:17	0.02				SR12	12/5/2018 22:17	0.01			
SR4	12/5/2018 22:37	0.01				SR12	12/5/2018 22:37	0.03			
SR4	12/5/2018 22:57	0.01				SR12	12/5/2018 22:57	0.03			
SR4	12/5/2018 23:17	0.01				SR12	12/5/2018 23:17	0.02			
SR4	12/5/2018 23:37	0.01				SR12	12/5/2018 23:37	0.03			
SR4	12/5/2018 23:57	0.02				SR12	12/5/2018 23:57	0.01			

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.

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/6/2018 0:01	22.82	69.0	4.96	2.0	SR4	12/6/2018 6:01	22.74	81.8	5.89	1.3	SR4	12/6/2018 12:01	22.90	84.9	6.09	1.9	SR4	12/6/2018 18:01	22.88	80.7	5.80	1.8
SR4	12/6/2018 0:06	22.82	69.1	4.97	2.3	SR4	12/6/2018 6:06	22.74	82.7	5.96	4.3	SR4	12/6/2018 12:06	22.89	82.9	5.95	4.5	SR4	12/6/2018 18:06	22.88	81.3	5.84	2.4
SR4	12/6/2018 0:11	22.74	61.3	4.41	5.4	SR4	12/6/2018 6:11	22.74	83.3	6.00	2.7	SR4	12/6/2018 12:11	22.90	83.2	5.98	4.0	SR4	12/6/2018 18:11	22.88	81.2	5.83	1.6
SR4	12/6/2018 0:16	22.79	72.9	5.25	2.6	SR4	12/6/2018 6:16	22.73	82.3	5.92	3.1	SR4	12/6/2018 12:16	22.90	84.7	6.08	4.3	SR4	12/6/2018 18:16	22.88	79.8	5.73	5.3
SR4	12/6/2018 0:21	22.78	71.1	5.12	4.9	SR4	12/6/2018 6:21	22.73	82.6	5.94	2.0	SR4	12/6/2018 12:21	22.91	81.5	5.86	4.4	SR4	12/6/2018 18:21	22.88	80.4	5.77	3.8
SR4	12/6/2018 0:26	22.78	72.7	5.23	4.2	SR4	12/6/2018 6:26	22.73	82.1	5.91	3.1	SR4	12/6/2018 12:26	22.90	82.5	5.92	2.6	SR4	12/6/2018 18:26	22.88	80.0	5.74	1.4
SR4	12/6/2018 0:31	22.78	74.5	5.36	1.5	SR4	12/6/2018 6:31	22.73	81.1	5.83	2.6	SR4	12/6/2018 12:31	22.91	83.2	5.98	1.7	SR4	12/6/2018 18:31	22.86	80.5	5.78	3.4
SR4	12/6/2018 0:36	22.80	71.7	5.16	1.5	SR4	12/6/2018 6:36	22.72	81.8	5.89	2.1	SR4	12/6/2018 12:36	22.91	82.6	5.93	4.5	SR4	12/6/2018 18:36	22.87	79.8	5.73	2.1
SR4	12/6/2018 0:41	22.91	66.7	4.79	3.5	SR4	12/6/2018 6:41	22.73	81.0	5.83	1.6	SR4	12/6/2018 12:41	22.89	81.3	5.84	1.7	SR4	12/6/2018 18:41	22.86	79.3	5.69	4.1
SR4	12/6/2018 0:46	22.87	64.7	4.65	1.2	SR4	12/6/2018 6:46	22.73	82.2	5.92	1.0	SR4	12/6/2018 12:46	22.90	82.1	5.89	3.1	SR4	12/6/2018 18:46	22.85	79.4	5.70	1.4
SR4	12/6/2018 0:51	22.84	65.8	4.73	3.1	SR4	12/6/2018 6:51	22.72	81.6	5.87	2.5	SR4	12/6/2018 12:51	23.02	81.8	5.86	1.6	SR4	12/6/2018 18:51	22.86	79.6	5.71	1.8
SR4	12/6/2018 0:56	22.90	69.6	5.00	4.4	SR4	12/6/2018 6:56	22.72	81.4	5.86	4.6	SR4	12/6/2018 12:56	22.95	78.7	5.65	1.3	SR4	12/6/2018 18:56	22.85	79.1	5.68	4.5
SR4	12/6/2018 1:01	22.84	70.2	5.05	3.0	SR4	12/6/2018 7:01	22.72	80.7	5.81	4.3	SR4	12/6/2018 13:01	22.93	82.0	5.88	3.7	SR4	12/6/2018 19:01	22.85	79.2	5.68	1.1
SR4	12/6/2018 1:06	22.84	70.5	5.07	1.7	SR4	12/6/2018 7:06	22.72	80.6	5.80	2.7	SR4	12/6/2018 13:06	22.95	81.5	5.85	2.0	SR4	12/6/2018 19:06	22.85	78.0	5.60	2.1
SR4	12/6/2018 1:11	22.83	71.0	5.11	2.3	SR4	12/6/2018 7:11	22.72	81.0	5.83	3.7	SR4	12/6/2018 13:11	22.97	80.7	5.79	2.6	SR4	12/6/2018 19:11	22.85	79.5	5.70	1.5
SR4	12/6/2018 1:16	22.83	71.6	5.15	3.6	SR4	12/6/2018 7:16	22.72	81.1	5.83	1.4	SR4	12/6/2018 13:16	22.95	81.1	5.82	1.5	SR4	12/6/2018 19:16	22.85	76.8	5.52	2.9
SR4	12/6/2018 1:21	22.83	71.0	5.10	3.4	SR4	12/6/2018 7:21	22.71	80.8	5.81	3.1	SR4	12/6/2018 13:21	22.96	79.8	5.72	1.3	SR4	12/6/2018 19:21	22.85	78.1	5.61	3.4
SR4	12/6/2018 1:26	22.82	71.6	5.15	3.9	SR4	12/6/2018 7:26	22.71	80.7	5.81	2.4	SR4	12/6/2018 13:26	22.95	81.7	5.86	3.4	SR4	12/6/2018 19:26	22.84	78.8	5.66	3.6
SR4	12/6/2018 1:31	22.84	71.6	5.15	3.7	SR4	12/6/2018 7:31	22.71	79.6	5.73	4.9	SR4	12/6/2018 13:31	22.96	81.3	5.83	3.5	SR4	12/6/2018 19:31	22.84	78.0	5.60	1.2
SR4	12/6/2018 1:36	22.81	75.2	5.40	1.3	SR4	12/6/2018 7:36	22.71	81.0	5.83	3.6	SR4	12/6/2018 13:36	22.96	80.9	5.81	2.3	SR4	12/6/2018 19:36	22.84	78.9	5.66	4.1
SR4	12/6/2018 1:41	22.81	75.3	5.42	4.7	SR4	12/6/2018 7:41	22.71	80.3	5.78	2.1	SR4	12/6/2018 13:41	22.98	81.0	5.81	2.8	SR4	12/6/2018 19:41	22.84	78.6	5.64	2.1
SR4	12/6/2018 1:46	22.80	76.1	5.47	3.0	SR4	12/6/2018 7:46	22.71	81.1	5.84	3.7	SR4	12/6/2018 13:46	23.06	79.8	5.72	3.1	SR4	12/6/2018 19:46	22.84	77.8	5.58	2.3
SR4	12/6/2018 1:51	22.80	75.7	5.45	4.5	SR4	12/6/2018 7:51	22.71	81.3	5.85	2.1	SR4	12/6/2018 13:51	23.01	80.5	5.77	3.7	SR4	12/6/2018 19:51	22.84	77.7	5.58	4.5
SR4	12/6/2018 1:56	22.78	78.4	5.63	1.0	SR4	12/6/2018 7:56	22.71	80.7	5.81	1.4	SR4	12/6/2018 13:56	23.01	79.7	5.71	3.8	SR4	12/6/2018 19:56	22.84	78.2	5.62	4.3
SR4	12/6/2018 2:01	22.81	77.9	5.60	3.0	SR4	12/6/2018 8:01	22.72	81.3	5.85	1.7	SR4	12/6/2018 14:01	23.00	79.8	5.73	3.2	SR4	12/6/2018 20:01	22.84	77.3	5.55	4.9
SR4	12/6/2018 2:06	22.78	77.8	5.60	4.2	SR4	12/6/2018 8:06	22.72	80.4	5.78	1.4	SR4	12/6/2018 14:06	23.01	80.6	5.78	1.2	SR4	12/6/2018 20:06	22.84	77.1	5.54	4.7
SR4	12/6/2018 2:11	22.78	77.4	5.57	2.9	SR4	12/6/2018 8:11	22.73	80.8	5.81	3.4	SR4	12/6/2018 14:11	23.00	79.9	5.73	3.0	SR4	12/6/2018 20:11	22.84	77.9	5.60	4.3
SR4	12/6/2018 2:16	22.81	77.7	5.58	2.6	SR4	12/6/2018 8:16	22.73	80.8	5.81	4.5	SR4	12/6/2018 14:16	23.00	79.9	5.73	2.8	SR4	12/6/2018 20:16	22.83	78.4	5.63	4.7
SR4	12/6/2018 2:21	22.80	78.8	5.67	4.0	SR4	12/6/2018 8:21	22.73	79.7	5.73	3.4	SR4	12/6/2018 14:21	22.99	80.0	5.74	3.7	SR4	12/6/2018 20:21	22.84	77.1	5.53	3.8
SR4	12/6/2018 2:26	22.80	76.8	5.52	2.5	SR4	12/6/2018 8:26	22.73	79.7	5.73	5.1	SR4	12/6/2018 14:26	22.92	79.2	5.68	1.8	SR4	12/6/2018 20:26	22.83	77.4	5.56	3.3
SR4	12/6/2018 2:31	22.79	77.7	5.59	2.7	SR4	12/6/2018 8:31	22.73	79.3	5.71	3.6	SR4	12/6/2018 14:31	22.90	81.1	5.82	2.8	SR4	12/6/2018 20:31	22.82	78.0	5.60	1.7
SR4	12/6/2018 2:36	22.81	78.8	5.66	2.0	SR4	12/6/2018 8:36	22.73	80.1	5.76	2.7	SR4	12/6/2018 14:36	22.89	80.9	5.81	1.5	SR4	12/6/2018 20:36	22.82	77.7	5.58	1.0
SR4	12/6/2018 2:41	22.80	75.7	5.44	4.6	SR4	12/6/2018 8:41	22.73	80.1	5.76	1.8	SR4	12/6/2018 14:41	23.09	80.0	5.73	2.6	SR4	12/6/2018 20:41	22.83	76.6	5.50	5.2
SR4	12/6/2018 2:46	22.73	71.0	5.11	1.2	SR4	12/6/2018 8:46	22.73	80.0	5.75	3.9	SR4	12/6/2018 14:46	23.10	79.5	5.69	4.0	SR4	12/6/2018 20:46	22.83	76.2	5.47	4.8
SR4	12/6/2018 2:51	22.82	76.5	5.49	1.4	SR4	12/6/2018 8:51	22.73	79.8	5.74	5.4	SR4	12/6/2018 14:51	23.11	79.7	5.70	5.4	SR4	12/6/2018 20:51	22.82	79.0	5.67	2.9
SR4	12/6/2018 2:56	22.74	71.6	5.15	1.3	SR4	12/6/2018 8:56	22.74	80.1	5.76	2.4	SR4	12/6/2018 14:56	23.09	79.1	5.67	2.4	SR4	12/6/2018 20:56	22.83	80.8	5.80	3.7
SR4	12/6/2018 3:01	22.68	62.5	4.51	5.4	SR4	12/6/2018 9:01	22.74	80.7	5.80	2.6	SR4	12/6/2018 15:01	23.09	79.1	5.66	3.3	SR4	12/6/2018 21:01	22.84	81.3	5.84	1.3
SR4	12/6/2018 3:06	22.68	63.3	4.56	3.1	SR4	12/6/2018 9:06	22.74	80.2	5.77	1.2	SR4	12/6/2018 15:06	23.07	78.2	5.60	4.7	SR4	12/6/2018 21:06	22.83	80.8	5.80	1.3
SR4	12/6/2018 3:11	22.67	62.3	4.49	4.0	SR4	12/6/2018 9:11	22.74	80.2	5.77	2.0	SR4	12/6/2018 15:11	23.05	76.4	5.48	2.2	SR4	12/6/2018 21:11	22.83	81.4	5.85	4.5
SR4	12/6/2018 3:16	22.67	66.7	4.81	1.4	SR4	12/6/2018 9:16	22.74	79.0	5.68	2.8	SR4	12/6/2018 15:16	23.06	76.1	5.45	3.9	SR4	12/6/2018 21:16	22.83	79.8	5.73	2.8
SR4	12/6/2018 3:21	22.67	70.3	5.07	1.7	SR4	12/6/2018 9:21	22.75	79.1	5.69	3.8	SR4	12/6/2018 15:21	23.03	75.5	5.41	2.6	SR4	12/6/2018 21:21	22.83	79.5	5.71	5.1
SR4	12/6/2018 3:26	22.67	75.9	5.47	2.3	SR4	12/6/2018 9:26	22.75	78.5	5.65	2.3	SR4	12/6/2018 15:26	23.02	76.6	5.50	4.9	SR4	12/6/2018 21:26	22.83	80.6	5.79	3.4
SR4	12/6/2018 3:31	22.63	72.6	5.24	1.3	SR4	12/6/2018 9:31	22.75	78.0	5.61	4.0	SR4	12/6/2018 15:31	23.03	75.3	5.40	1.5	SR4	12/6/2018 21:31	22.83	81.1	5.83	3.8
SR4	12/6/2018 3:36	22.66	69.4	5.00	1.2	SR4	12/6/2018 9:36	22.75	77.9	5.60	1.8	SR4	12/6/2018 15:36	23.06	73.8	5.29	2.3	SR4	12/6/2018 21:36	22.83	81.2	5.83	2.8
SR4	12/6/2018 3:41	22.59	66.7	4.82	3.8	SR4	12/6/2018 9:41	22.75	78.3	5.63	2.0	SR4	12/6/2018 15:41	23.02	75.8	5.44	5.4	SR4	12/6/2018 21:41	22.83	81.3	5.84	2.8
SR4	12/6/2018 3:46	22.68	72.9	5.25	4.8	SR4	12/6/2018 9:46	22.75	77.9	5.60	2.0	SR4	12/6/2018 15:46	23.02	75.3	5.40	5.4	SR4	12/6/2018 21:46	22.83	79.4	5.70	2.5
SR4	12/6/2018 3:51	22.54	65.6	4.74	2.0	SR4	12/6/2018 9:51	22.76	77.9	5.60	1.2	SR4	12/6/2018 15:51	22.93	78.7	5.65	2.1	SR4	12/6/2018 21:51	22.83	79.7	5.72	1.4
SR4	12/6/2018 3:56	22.56	67.2	4.85	2.1	SR4	12/6/2018 9:56	22.78	78.7	5.65	2.5	SR4	12/6/2018 15:56	22.94	78.3	5.62	4.9	SR4	12/6/2018 21:56	22.82	80.9	5.81	2.5
SR4	12/6/2018 4:01	22.56	64.0	4.62	3.5	SR4	12/6/2018 10:01	22.77	78.7	5.66	4.3	SR4	12/6/2018 16:01	22.89	80.1	5.76	4.7	SR4	12/6/2018 22:01	22.83	78.7	5.65	4.6
SR4	12/6/2018 4:06	22.62	67.1	4.84	4.2	SR4	12/6/2018 10:06	22.77	78.8	5.66	4.1	SR4	12/6/2018 16:06	22.90	80.3	5.77	4.2	SR4	12/6/2018 22:06	22.83	79.5	5.71	4.1
SR4	12/6/2018 4:11	22.62	67.9	4.90	3.1	SR4	12/6/2018 10:11	22.78	79.4	5.70	5.1	SR4	12/6/2018 16:11	22.90	80.7	5.79	2.9	SR4	12/6/2018 22:11	22.83	78.9	5.67	5.3
SR4	12/6/2018 4:16	22.64	63.0	4.54	4.0	SR4	12/6/2018 10:16	22.78	79.7	5.73	1.8	SR4	12/6/2018 16:16	23.03	80.7	5.78	2.6	SR4	12/6/2018 22:16	22.83	78.8	5.66	3.3
SR4	12/6/2018 4:21	22.67	66.8	4.81	5.4	SR4	12/6/2018 10:21	22.77	79.0	5.68	1.1	SR4	12/6/2018 16:21	23.07	78.8	5.64	3.4	SR4	12/6/2018 22:21	22.81	80.0	5.75	4.5
SR4	12/6/2018 4:26	22.70	78.0	5.62	2.4	SR4	12/6/2018 10:26	22.77	78.9	5.67	4.6	SR4	12/6/2018 16:26	23.01	76.0	5.46	3.0	SR4	12/6/2018 22:26	22.81	80.2	5.76	4.0
SR4	12/6/2018 4:31	22.72	83.1	5.99	2.9	SR4	12/6/2018 10:31	22.79	79.8	5.73	4.7	SR4	12/6/2018 16:31	22.99	77.1	5.54	1.0	SR4	12/6/2018 22:31	22.81	80.5	5.79	2.4
SR4	12/6/2018 4:36	22.71	84.5	6.09	2.0	SR4	12/6/2018 10:36	22.79	82.2	5.90	3.7	SR4	12/6/2018 16:36	22.98	72.6	5.22	5.1	SR4	12/6/2018 22:36	22.84	80.3	5.77	3.6
SR4	12/6/2018 4:41	22.70	85.5	6.16	5.0	SR4	12/6/2018 10:41	22.80	82.8	5.95	4.2	SR4	12/6/2018 16:41	23.05	69.1	4.97	4.4	SR4	12/6/2018 22:41	22.83	80.2	5.76	5.3
SR4	12/6/2018 4:46	22.70	85.7	6.18	3.7	SR4	12/6/2018 10:46	22.80	83.1	5.97	5.3	SR4	12/6/2018 16:46	22.97	74.6	5.36	3.8	SR4	12/6/2018 22:46	22.83	79.8	5.73	3.2
SR4	12/6/2018 4:51	22.71	85.8	6.19	4.6	SR4	12/6/2018 10:51	22.83	80.8	5.80	4.5	SR4	12/6/2018 16:51	22.96	77.0	5.53	3.7	SR4	12/6/2018 22:51	22.83	79.4	5.70	5.4
SR4	12/6/2018 4:56	22.71	84.7	6.11	3.3	SR4	12/6/2018 10:56	22.84	82.9	5.95	1.3	SR4	12/6/2018 16:56	22.89	78.8	5.66	4.4	SR4	12/6/2018 22:56	22.83	79.4	5.70	2.9
SR4	12/6/2018 5:01	22.66	86.8	6.26	2.1	SR4	12/6/2018 11:01	22.84	83.6	6.00	1.9	SR4	12/6/2018 17:01	22.88	79.4	5.70	4.5	SR4	12/6/2018 23:01	22.83	79.3	5.70	4.7
SR4	12/6/2018 5:06	22.69	82.1	5.92	3.3	SR4	12/6/2018 11:06	22.83	84.5	6.07	3.1	SR4	12/6/2018 17:06	22.91	77.8	5.59	3.5	SR4	12/6/2018 23:06	22.83	79.8	5.73	1.4
SR4	12/6/2018 5:11	22.69	81.6	5.88	3.0	SR4	12/6/2018 11:11	22.83	84.8	6.09	3.2	SR4	12/6/2018 17:11	22.89	78.8	5.66	3.7	SR4	12/6/2018 23:11	22.83	79.0	5.67	1.6
SR4	12/6/2018 5:16	22.68	84.1	6.07	2.1	SR4	12/6/2018 11:16	22.83	84.5	6.07	3.3	SR4	12/6/2018 17:16	22.88	81.5	5.86	5.1	SR4	12/6/2018 23:16	22.84	75.6	5.43	3.4
SR4	12/6/2018 5:21	22.68	84.4	6.09	1.8	SR4	12/6/2018 11:21	22.84	84.1	6.04	2.2	SR4	12/6/2018 17:21	22.88	82.2	5.90	1.9	SR4	12/6/2018 23:21	22.83	78.9	5.67	4.7
SR4	12/6/2018 5:26	22.69	85.1	6.14	3.2	SR4	12/6/2018 11:26	22.87	84.6	6.07	2.9	SR4	12/6/2018 17:26	22.88	81.9	5.88	5.3	SR4	12/6/2018 23:26	22.82	76.0	5.46	4.5
SR4	12/6/2018 5:31	22.69	87.1	6.29	4.1	SR4	12/6/2018 11:31	22.87	84.1	6.04	2.8	SR4	12/6/2018 17:31	22.88	81.0	5.81	5.1	SR4	12/6/2018 23:31	22.82	76.5	5.49	3.6
SR4	12/6/2018 5:36	22.70	86.0	6.20	3.3	SR4	12/6/2018 11:36	22.89	84.3	6.05	2.4	SR4	12/6/2018 17:36	22.88	80.4	5.78	3.9	SR4	12/6/2018 23:36	22.83	73.0	5.24	4.2
SR4	12/6/2018 5:41	22.69	86.2	6.22	1.3	SR4	12/6/2018 11:41	22.87	84.4	6.06	3.7	SR4	12/6/2018 17:41	22.88	81.3	5.84	2.0	SR4	12/6/2018 23:41	22.83	73.0	5.25	3.4
SR4	12/6/2018 5:46	22.69	86.6	6.25	4.9	SR4	12/6/2018 11:46	22.88	84.1	6.03	5.2	SR4	12/6/2018 17:46	22.88	81.4	5.84	3.7	SR4	12/6/2018 23:46	22.83	74.6	5.36	3.2
SR4	12/6/2018 5:51	22.70	86.7	6.25	2.3	SR4	12/6/2018 11:51	22.90	85.4	6.13	3.4	SR4	12/6/2018 17:51	22.88	81.5	5.85	5.4	SR4	12/6/2018 23:51	22.90	73.6	5.28	2.0
SR4	12/6/2018 5:56	22.73	82.1	5.92	1.8	SR4	12/6/2018 11:56	22.89	84.8	6.09	2.5	SR4	12/6/2018 17:56	22.87	80.5	5.78	2.5	SR4	12/6/2018 23:56	22.86	76.2	5.47	5.2

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/6/2018 0:00	23.12	90.0	6.40	2.5	SR5	12/6/2018 6:00	23.09	91.0	6.48	2.6	SR5	12/6/2018 12:00	23.11	92.8	6.61	3.2	SR5	12/6/2018 18:00	23.06	90.3	6.43	3.4
SR5	12/6/2018 0:05	23.12	88.8	6.32	3.0	SR5	12/6/2018 6:05	23.07	91.2	6.49	3.9	SR5	12/6/2018 12:05	23.07	91.0	6.48	4.0	SR5	12/6/2018 18:05	23.11	93.5	6.65	2.6
SR5	12/6/2018 0:10	23.04	85.5	6.09	4.6	SR5	12/6/2018 6:10	23.05	92.5	6.59	2.7	SR5	12/6/2018 12:10	23.07	91.7	6.53	4.8	SR5	12/6/2018 18:10	23.08	91.5	6.52	1.8
SR5	12/6/2018 0:15	23.11	88.3	6.28	3.4	SR5	12/6/2018 6:15	23.06	94.0	6.69	3.4	SR5	12/6/2018 12:15	23.06	91.7	6.52	4.2	SR5	12/6/2018 18:15	23.11	94.0	6.69	5.2
SR5	12/6/2018 0:20	23.06	88.8	6.32	4.7	SR5	12/6/2018 6:20	23.06	94.5	6.72	2.3	SR5	12/6/2018 12:20	23.06	91.1	6.48	2.9	SR5	12/6/2018 18:20	23.06	92.5	6.58	3.6
SR5	12/6/2018 0:25	23.10	88.2	6.28	4.2	SR5	12/6/2018 6:25	23.02	90.7	6.56	3.8	SR5	12/6/2018 12:25	23.10	95.2	6.77	2.3	SR5	12/6/2018 18:25	23.09	91.5	6.51	3.0
SR5	12/6/2018 0:30	23.10	90.3	6.43	3.0	SR5	12/6/2018 6:30	23.03	93.1	6.62	2.8	SR5	12/6/2018 12:30	23.09	94.8	6.75	2.2	SR5	12/6/2018 18:30	23.08	91.4	6.51	4.4
SR5	12/6/2018 0:35	23.09	88.2	6.28	2.7	SR5	12/6/2018 6:35	23.04	94.1	6.70	2.3	SR5	12/6/2018 12:35	23.11	92.5	6.58	3.6	SR5	12/6/2018 18:35	23.10	92.8	6.60	2.7
SR5	12/6/2018 0:40	23.11	87.4	6.22	5.0	SR5	12/6/2018 6:40	23.02	92.5	6.72	2.0	SR5	12/6/2018 12:40	23.08	93.7	6.67	4.0	SR5	12/6/2018 18:40	23.08	94.1	6.69	3.7
SR5	12/6/2018 0:45	23.10	89.5	6.36	2.7	SR5	12/6/2018 6:45	23.03	93.7	6.81	3.5	SR5							12/6/2018 18:45	23.05	90.7	6.46	2.9
SR5	12/6/2018 0:50	23.07	89.4	6.36	2.7	SR5	12/6/2018 6:50	23.00	93.1	6.78	5.7	SR5							12/6/2018 18:50	23.10	90.4	6.44	4.4
SR5	12/6/2018 0:55	23.12	90.3	6.43	4.4	SR5	12/6/2018 6:55	23.00	94.1	6.88	5.0	SR5							12/6/2018 18:55	23.10	90.7	6.46	3.2
SR5	12/6/2018 1:00	23.11	87.9	6.26	3.5	SR5	12/6/2018 7:00	22.99	96.4	7.04	5.6	SR5	12/6/2018 13:00	23.13	91.0	6.48	3.0	SR5	12/6/2018 19:00	23.07	90.9	6.47	3.3
SR5	12/6/2018 1:05	23.12	91.1	6.48	3.5	SR5	12/6/2018 7:05	23.01	92.8	6.79	4.0	SR5	12/6/2018 13:05	23.11	92.9	6.61	2.8	SR5	12/6/2018 19:05	23.10	92.1	6.56	2.4
SR5	12/6/2018 1:10	23.07	89.4	6.36	4.0	SR5	12/6/2018 7:10	22.97	93.2	6.82	5.0	SR5	12/6/2018 13:10	23.09	92.5	6.59	3.4	SR5	12/6/2018 19:10	23.07	92.2	6.56	1.6
SR5	12/6/2018 1:15	23.07	88.5	6.30	3.3	SR5	12/6/2018 7:15	22.99	94.3	6.90	3.6	SR5	12/6/2018 13:15	23.12	92.0	6.55	2.8	SR5	12/6/2018 19:15	23.10	91.9	6.54	3.5
SR5	12/6/2018 1:20	23.07	89.1	6.34	4.7	SR5	12/6/2018 7:20	22.97	94.3	6.90	3.7	SR5	12/6/2018 13:20	23.08	90.0	6.40	1.9	SR5	12/6/2018 19:20	23.07	91.3	6.51	2.9
SR5	12/6/2018 1:25	23.10	91.0	6.48	3.9	SR5	12/6/2018 7:25	22.98	96.6	7.06	4.2	SR5	12/6/2018 13:25	23.09	93.0	6.62	3.0	SR5	12/6/2018 19:25	23.09	93.4	6.65	3.9
SR5	12/6/2018 1:30	23.12	90.1	6.41	2.9	SR5	12/6/2018 7:30	22.99	95.9	7.01	5.2	SR5	12/6/2018 13:30	23.08	93.8	6.67	3.8	SR5	12/6/2018 19:30	23.08	89.9	6.40	2.5
SR5	12/6/2018 1:35	23.10	90.3	6.42	4.0	SR5	12/6/2018 7:35	23.02	95.2	6.93	4.9	SR5	12/6/2018 13:35	23.09	93.0	6.62	3.6	SR5	12/6/2018 19:35	23.06	92.9	6.62	4.1
SR5	12/6/2018 1:40	23.08	89.9	6.40	4.0	SR5	12/6/2018 7:40	23.01	95.5	6.98	3.6	SR5	12/6/2018 13:40	23.12	93.3	6.64	2.5	SR5	12/6/2018 19:40	23.10	93.6	6.66	4.3
SR5	12/6/2018 1:45	23.08	90.1	6.41	3.7	SR5	12/6/2018 7:45	22.93	94.9	6.95	3.9	SR5	12/6/2018 13:45	23.10	90.0	6.40	3.4	SR5	12/6/2018 19:45	23.06	90.7	6.45	4.6
SR5	12/6/2018 1:50	23.06	89.3	6.36	3.8	SR5	12/6/2018 7:50	22.97	96.8	7.07	3.3	SR5	12/6/2018 13:50	23.14	92.7	6.60	3.3	SR5	12/6/2018 19:50	23.07	92.0	6.55	3.9
SR5	12/6/2018 1:55	23.07	93.4	6.64	3.1	SR5	12/6/2018 7:55	23.00	94.1	6.89	4.1	SR5	12/6/2018 13:55	23.15	91.0	6.47	4.7	SR5	12/6/2018 19:55	23.07	91.2	6.49	3.6
SR5	12/6/2018 2:00	23.07	92.2	6.56	4.4	SR5	12/6/2018 8:00	22.95	94.5	6.92	4.3	SR5	12/6/2018 14:00	23.12	90.6	6.45	2.3	SR5	12/6/2018 20:00	23.05	89.9	6.40	3.7
SR5	12/6/2018 2:05	23.05	90.7	6.46	4.0	SR5	12/6/2018 8:05	22.96	95.0	6.95	5.2	SR5	12/6/2018 14:05	23.14	90.1	6.41	3.2	SR5	12/6/2018 20:05	23.11	92.0	6.55	4.6
SR5	12/6/2018 2:10	23.06	89.9	6.40	3.7	SR5	12/6/2018 8:10	22.94	96.1	7.03	3.7	SR5	12/6/2018 14:10	23.11	92.8	6.60	2.5	SR5	12/6/2018 20:10	23.08	92.3	6.57	4.5
SR5	12/6/2018 2:15	23.06	91.0	6.47	2.5	SR5	12/6/2018 8:15	22.98	92.8	6.80	4.9	SR5	12/6/2018 14:15	23.10	92.4	6.57	2.9	SR5	12/6/2018 20:15	23.05	90.4	6.43	3.9
SR5	12/6/2018 2:20	23.08	91.8	6.54	4.0	SR5	12/6/2018 8:20	23.00	92.8	6.79	4.6	SR5	12/6/2018 14:20	23.10	94.1	6.69	2.7	SR5	12/6/2018 20:20	23.08	92.6	6.59	2.7
SR5	12/6/2018 2:25	23.09	90.2	6.42	4.0	SR5	12/6/2018 8:25	22.97	95.5	6.98	4.1	SR5	12/6/2018 14:25	23.11	93.4	6.66	4.1	SR5	12/6/2018 20:25	23.09	90.3	6.43	2.8
SR5	12/6/2018 2:30	23.05	91.1	6.49	2.6	SR5	12/6/2018 8:30	23.02	95.7	6.98	4.9	SR5	12/6/2018 14:30	23.06	92.5	6.59	4.2	SR5	12/6/2018 20:30	23.05	90.6	6.45	4.2
SR5	12/6/2018 2:35	23.09	91.8	6.53	4.6	SR5	12/6/2018 8:35	23.00	94.6	6.90	3.9	SR5	12/6/2018 14:35	23.10	91.8	6.53	2.8	SR5	12/6/2018 20:35	23.09	90.9	6.47	3.7
SR5	12/6/2018 2:40	23.11	91.8	6.53	3.5	SR5	12/6/2018 8:40	23.07	93.1	6.77	3.5	SR5	12/6/2018 14:40	23.12	92.8	6.60	3.7	SR5	12/6/2018 20:40	23.05	91.3	6.50	2.9
SR5	12/6/2018 2:45	23.08	91.2	6.49	3.7	SR5	12/6/2018 8:45	23.07	93.1	6.76	4.3	SR5	12/6/2018 14:45	23.16	92.5	6.57	3.6	SR5	12/6/2018 20:45	23.08	91.7	6.52	3.9
SR5	12/6/2018 2:50	23.08	89.5	6.37	2.3	SR5	12/6/2018 8:50	23.06	93.6	6.80	3.0	SR5	12/6/2018 14:50	23.15	91.5	6.50	2.6	SR5	12/6/2018 20:50	23.10	93.4	6.64	2.8
SR5	12/6/2018 2:55	23.04	88.9	6.33	2.8	SR5	12/6/2018 8:55	23.07	92.6	6.73	4.1	SR5	12/6/2018 14:55	23.15	93.6	6.65	2.2	SR5	12/6/2018 20:55	23.07	91.4	6.51	3.4
SR5	12/6/2018 3:00	23.06	89.1	6.34	4.5	SR5	12/6/2018 9:00	23.08	94.2	6.76	3.0	SR5	12/6/2018 15:00	23.11	90.3	6.42	4.8	SR5	12/6/2018 21:00	23.05	90.8	6.46	2.6
SR5	12/6/2018 3:05	23.05	89.0	6.33	3.6	SR5	12/6/2018 9:05	23.09	92.3	6.57	3.3	SR5	12/6/2018 15:05	23.12	91.2	6.49	3.7	SR5	12/6/2018 21:05	23.08	92.5	6.58	3.8
SR5	12/6/2018 3:10	23.08	88.8	6.32	3.1	SR5	12/6/2018 9:10	23.04	94.1	6.70	3.2	SR5	12/6/2018 15:10	23.10	92.8	6.60	3.7	SR5	12/6/2018 21:10	23.08	93.9	6.68	3.8
SR5	12/6/2018 3:15	23.06	90.1	6.41	3.5	SR5	12/6/2018 9:15	23.06	93.2	6.64	4.4	SR5	12/6/2018 15:15	23.13	91.2	6.48	3.5	SR5	12/6/2018 21:15	23.10	93.8	6.68	2.6
SR5	12/6/2018 3:20	23.04	88.6	6.31	2.7	SR5	12/6/2018 9:20	23.05	91.2	6.49	4.0	SR5	12/6/2018 15:20	23.15	91.7	6.53	2.5	SR5	12/6/2018 21:20	23.10	90.6	6.45	5.0
SR5	12/6/2018 3:25	23.06	89.6	6.38	3.8	SR5	12/6/2018 9:25	23.03	91.0	6.48	4.0	SR5	12/6/2018 15:25	23.15	89.6	6.37	3.5	SR5	12/6/2018 21:25	23.10	93.0	6.62	4.3
SR5	12/6/2018 3:30	23.03	87.6	6.24	2.7	SR5	12/6/2018 9:30	23.04	91.3	6.51	4.0	SR5	12/6/2018 15:30	23.14	89.3	6.36	2.4	SR5	12/6/2018 21:30	23.05	91.2	6.49	3.4
SR5	12/6/2018 3:35	23.04	89.6	6.38	3.9	SR5	12/6/2018 9:35	23.05	93.1	6.63	3.1	SR5	12/6/2018 15:35	23.12	91.8	6.53	3.5	SR5	12/6/2018 21:35	23.09	93.5	6.65	3.9
SR5	12/6/2018 3:40	23.02	86.4	6.15	4.3	SR5	12/6/2018 9:40	23.09	90.4	6.44	3.9	SR5	12/6/2018 15:40	23.09	92.8	6.60	2.9	SR5	12/6/2018 21:40	23.06	94.3	6.71	2.9
SR5	12/6/2018 3:45	23.05	91.9	6.54	4.0	SR5	12/6/2018 9:45	23.07	93.8	6.68	2.6	SR5	12/6/2018 15:45	23.13	89.7	6.39	4.7	SR5	12/6/2018 21:45	23.09	90.9	6.47	2.2
SR5	12/6/2018 3:50	23.03	89.5	6.38	4.4	SR5	12/6/2018 9:50	23.05	92.6	6.59	2.9	SR5	12/6/2018 15:50	23.13	92.5	6.58	3.5	SR5	12/6/2018 21:50	23.04	94.0	6.68	3.1
SR5	12/6/2018 3:55	23.02	86.6	6.16	2.4	SR5	12/6/2018 9:55	23.04	94.1	6.70	3.4	SR5	12/6/2018 15:55	23.10	92.7	6.60	4.7	SR5	12/6/2018 21:55	23.06	91.7	6.52	2.6
SR5	12/6/2018 4:00	23.00	90.0	6.40	3.1	SR5	12/6/2018 10:00	23.07	92.9	6.61	4.6	SR5	12/6/2018 16:00	23.10	94.1	6.70	3.8	SR5	12/6/2018 22:00	23.05	90.6	6.45	2.8
SR5	12/6/2018 4:05	23.01	90.7	6.45	3.1	SR5	12/6/2018 10:05	23.05	93.6	6.66	3.8	SR5	12/6/2018 16:05	23.09	92.3	6.57	3.6	SR5	12/6/2018 22:05	23.04	91.5	6.51	3.5
SR5	12/6/2018 4:10	23.04	87.3	6.22	4.9	SR5	12/6/2018 10:10	23.04	94.0	6.69	4.6	SR5	12/6/2018 16:10	23.07	93.2	6.64	3.9	SR5	12/6/2018 22:10	23.09	90.1	6.41	4.0
SR5	12/6/2018 4:15	23.03	89.2	6.35	2.8	SR5	12/6/2018 10:15	23.05	93.4	6.65	2.4	SR5	12/6/2018 16:15	23.10	94.0	6.69	4.0	SR5	12/6/2018 22:15	23.10	91.8	6.53	4.4
SR5	12/6/2018 4:20	23.04	90.2	6.42	5.1	SR5	12/6/2018 10:20	23.06	93.1	6.63	3.1	SR5	12/6/2018 16:20	23.16	92.7	6.59	2.5	SR5	12/6/2018 22:20	23.04	92.0	6.55	3.9
SR5	12/6/2018 4:25	23.03	90.5	6.44	4.3	SR5	12/6/2018 10:25	23.08	93.1	6.63	4.8	SR5	12/6/2018 16:25	23.14	89.4	6.36	3.1	SR5	12/6/2018 22:25	23.07	91.1	6.48	2.7
SR5	12/6/2018 4:30	23.04	91.4	6.51	4.2	SR5	12/6/2018 10:30	23.08	93.4	6.65	3.1	SR5	12/6/2018 16:30	23.12	89.9	6.40	3.5	SR5	12/6/2018 22:30	23.09	91.0	6.48	2.5
SR5	12/6/2018 4:35	23.07	92.9	6.62	4.0	SR5	12/6/2018 10:35	23.05	94.5	6.72	3.2	SR5	12/6/2018 16:35	23.10	88.6	6.31	3.0	SR5	12/6/2018 22:35	23.10	93.6	6.66	4.4
SR5	12/6/2018 4:40	23.08	92.5	6.59	5.1	SR5	12/6/2018 10:40	23.08	91.9	6.55	3.0	SR5	12/6/2018 16:40	23.15	91.3	6.49	4.3	SR5	12/6/2018 22:40	23.09	90.4	6.44	4.2
SR5	12/6/2018 4:45	23.03	95.4	6.80	2.6	SR5	12/6/2018 10:45	23.07	92.8	6.61	5.0	SR5	12/6/2018 16:45	23.12	89.2	6.35	4.3	SR5	12/6/2018 22:45	23.04	90.0	6.40	2.8
SR5	12/6/2018 4:50	23.06	91.8	6.54	3.2	SR5	12/6/2018 10:50	23.08	91.2	6.49	3.0	SR5	12/6/2018 16:50	23.08	92.8	6.60	4.1	SR5	12/6/2018 22:50	23.09	92.9	6.61	3.7
SR5	12/6/2018 4:55	23.05	93.4	6.65	4.2	SR5	12/6/2018 10:55	23.07	94.9	6.76	2.8	SR5	12/6/2018 16:55	23.10	93.8	6.67	3.0	SR5	12/6/2018 22:55	23.07	93.2	6.63	2.8
SR5	12/6/2018 5:00	23.02	95.1	6.78	3.9	SR5	12/6/2018 11:00	23.09	93.2	6.63	4.1	SR5	12/6/2018 17:00	23.07	90.9	6.47	2.6	SR5	12/6/2018 23:00	23.08	90.8	6.46	3.1
SR5	12/6/2018 5:05	23.04	94.2	6.71	3.2	SR5	12/6/2018 11:05	23.06	93.4	6.65	3.0	SR5	12/6/2018 17:05	23.12	90.0	6.41	3.0	SR5	12/6/2018 23:05	23.09	92.7	6.60	2.7
SR5	12/6/2018 5:10	23.07	90.3	6.43	3.2	SR5	12/6/2018 11:10	23.10	92.0	6.55	2.7	SR5	12/6/2018 17:10	23.06	93.2	6.63	3.3	SR5	12/6/2018 23:10	23.09	93.5	6.65	4.0
SR5	12/6/2018 5:15	23.02	92.3	6.57	3.3	SR5	12/6/2018 11:15	23.06	95.3	6.78	3.3	SR5	12/6/2018 17:15	23.08	91.9	6.55	3.8	SR5	12/6/2018 23:15	23.09	91.0	6.48	4.8
SR5	12/6/2018 5:20	23.02	91.7	6.54	2.2	SR5	12/6/2018 11:20	23.09	94.4	6.72	2.0	SR5	12/6/2018 17:20	23.10	94.0	6.69	2.0	SR5	12/6/2018 23:20	23.09	89.9	6.40	4.1
SR5	12/6/2018 5:25	23.07	94.2	6.71	2.7	SR5	12/6/2018 11:25	23.09	95.8	6.81	3.2	SR5	12/6/2018 17:25	23.08	90.3	6.43	3.8	SR5	12/6/2018 23:25	23.04	88.6	6.30	4.9
SR5	12/6/2018 5:30	23.05	93.5	6.67	3.8	SR5	12/6/2018 11:30	23.09	94.3	6.71	3.0	SR5	12/6/2018 17:30	23.11	92.2	6.57	4.7	SR5	12/6/2018 23:30	23.08	91.7	6.52	2.3
SR5	12/6/2018 5:35	23.08	92.7	6.60	4.4	SR5	12/6/2018 11:35	23.06	95.4	6.79	2.6	SR5	12/6/2018 17:35	23.10	91.1	6.48	4.6	SR5	12/6/2018 23:35	23.06	88.6	6.30	3.7
SR5	12/6/2018 5:40	23.03	95.2	6.78	3.3	SR5	12/6/2018 11:40	23.10	94.7	6.74	4.2	SR5	12/6/2018 17:40	23.06	91.8	6.53	3.9	SR5	12/6/2018 23:40	23.10	90.0	6.40	3.4
SR5	12/6/2018 5:45	23.05	94.1	6.70	5.1	SR5	12/6/2018 11:45	23.09	94.8	6.74	4.0	SR5	12/6/2018 17:45	23.06	91.1	6.48	3.8	SR5	12/6/2018 23:45	23.09	89.5	6.37	2.4
SR5	12/6/2018 5:50	23.04	94.5	6.73	3.3	SR5	12/6/2018 11:50	23.08	94.5	6.73	4.1	SR5	12/6/2018 17:50	23.06	92.8	6.61	3.1	SR5	12/6/2018 23:50	23.08	91.8	6.53	2.5
SR5	12/6/2018 5:55	23.04	93.5	6.66	2.7	SR5	12/6/2018 11:55	23.09	93.8	6.68	2.5	SR5	12/6/2018 17:55	23.05	93.6	6.66	3.6	SR5	12/6/2018 23:55	23.07	90.5	6.44	2.8

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/6/2018 0:01	23.42	77.6	5.62	5.8	SR12	12/6/2018 6:01	23.35	79.8	5.78	4.3	SR12	12/6/2018 12:01	23.32	79.2	5.74	5.6	SR12	12/6/2018 18:01	23.33	78.5	5.69	6.3
SR12	12/6/2018 0:06	23.42	78.3	5.67	3.9	SR12	12/6/2018 6:06	23.36	79.6	5.76	4.9	SR12	12/6/2018 12:06	23.32	78.7	5.71	4.8	SR12	12/6/2018 18:06	23.32	78.8	5.72	4.2
SR12	12/6/2018 0:11	23.42	78.3	5.67	5.2	SR12	12/6/2018 6:11	23.36	80.2	5.80	5.8	SR12	12/6/2018 12:11	23.32	79.2	5.74	4.7	SR12	12/6/2018 18:11	23.34	79.2	5.75	3.2
SR12	12/6/2018 0:16	23.43	77.3	5.59	4.3	SR12	12/6/2018 6:16	23.37	79.9	5.79	4.7	SR12	12/6/2018 12:16	23.32	79.0	5.72	3.9	SR12	12/6/2018 18:16	23.33	79.0	5.73	6.1
SR12	12/6/2018 0:21	23.42	77.5	5.61	4.1	SR12	12/6/2018 6:21	23.37	79.4	5.74	3.4	SR12	12/6/2018 12:21	23.31	79.2	5.74	2.7	SR12	12/6/2018 18:21	23.34	78.6	5.70	5.5
SR12	12/6/2018 0:26	23.41	77.9	5.64	2.6	SR12	12/6/2018 6:26	23.33	78.5	6.08	4.0	SR12	12/6/2018 12:26	23.31	79.8	5.78	3.5	SR12	12/6/2018 18:26	23.34	79.1	5.74	5.7
SR12	12/6/2018 0:31	23.41	77.9	5.64	3.9	SR12	12/6/2018 6:31	23.33	78.2	5.66	3.5	SR12	12/6/2018 12:31	23.31	79.4	5.75	4.1	SR12	12/6/2018 18:31	23.33	78.9	5.72	5.4
SR12	12/6/2018 0:36	23.42	77.0	5.58	6.1	SR12	12/6/2018 6:36	23.33	77.6	5.62	3.7	SR12	12/6/2018 12:36	23.31	79.9	5.79	3.4	SR12	12/6/2018 18:36	23.33	78.9	5.72	3.9
SR12	12/6/2018 0:41	23.42	76.6	5.55	5.9	SR12	12/6/2018 6:41	23.33	77.8	6.17	3.8	SR12	12/6/2018 12:41	23.31	79.0	5.72	4.0	SR12	12/6/2018 18:41	23.33	78.7	5.71	4.7
SR12	12/6/2018 0:46	23.41	78.2	5.66	4.9	SR12	12/6/2018 6:46	23.26	77.3	6.16	7.6	SR12	12/6/2018 12:46	23.31	79.1	5.73	4.1	SR12	12/6/2018 18:46	23.33	79.3	5.75	4.3
SR12	12/6/2018 0:51	23.42	79.3	5.74	3.8	SR12	12/6/2018 6:51	23.22	81.6	6.53	**16.2**	SR12	12/6/2018 12:51	23.31	79.3	5.75	4.0	SR12	12/6/2018 18:51	23.34	79.0	5.73	6.6
SR12	12/6/2018 0:56	23.42	79.2	5.74	3.6	SR12	12/6/2018 6:56	23.06	87.3	7.05	6.8	SR12	12/6/2018 12:56	23.33	79.3	5.74	2.9	SR12	12/6/2018 18:56	23.34	79.3	5.75	3.3
SR12	12/6/2018 1:01	23.41	79.0	5.72	4.6	SR12	12/6/2018 7:01	23.11	87.2	7.03	9.9	SR12	12/6/2018 13:01	23.33	79.1	5.73	3.3	SR12	12/6/2018 19:01	23.35	79.5	5.77	3.9
SR12	12/6/2018 1:06	23.41	79.4	5.75	4.3	SR12	12/6/2018 7:06	23.12	87.0	7.03	3.5	SR12	12/6/2018 13:06	23.33	79.0	5.72	5.3	SR12	12/6/2018 19:06	23.33	79.5	5.77	3.9
SR12	12/6/2018 1:11	23.41	78.8	5.71	3.7	SR12	12/6/2018 7:11	23.14	87.1	7.03	9.1	SR12	12/6/2018 13:11	23.34	79.5	5.76	4.2	SR12	12/6/2018 19:11	23.33	79.4	5.76	2.5
SR12	12/6/2018 1:16	23.40	78.8	5.70	5.1	SR12	12/6/2018 7:16	23.06	87.5	7.07	6.5	SR12	12/6/2018 13:16	23.33	78.9	5.72	5.4	SR12	12/6/2018 19:16	23.33	79.6	5.77	4.2
SR12	12/6/2018 1:21	23.41	79.2	5.74	5.2	SR12	12/6/2018 7:21	23.05	87.1	7.05	4.2	SR12	12/6/2018 13:21	23.34	77.8	5.63	3.0	SR12	12/6/2018 19:21	23.33	79.3	5.76	2.8
SR12	12/6/2018 1:26	23.41	79.3	5.74	4.3	SR12	12/6/2018 7:26	23.02	87.6	7.09	5.4	SR12	12/6/2018 13:26	23.35	77.8	5.64	4.7	SR12	12/6/2018 19:26	23.32	79.8	5.79	4.6
SR12	12/6/2018 1:31	23.41	79.3	5.74	3.4	SR12	12/6/2018 7:31	23.06	87.5	7.07	7.3	SR12	12/6/2018 13:31	23.35	77.4	5.60	4.7	SR12	12/6/2018 19:31	23.33	79.4	5.76	4.9
SR12	12/6/2018 1:36	23.41	79.7	5.77	5.2	SR12	12/6/2018 7:36	23.33	81.8	6.54	6.9	SR12	12/6/2018 13:36	23.34	78.3	5.67	4.6	SR12	12/6/2018 19:36	23.33	79.5	5.77	5.1
SR12	12/6/2018 1:41	23.41	78.6	5.69	8.1	SR12	12/6/2018 7:41	23.13	86.1	6.94	6.0	SR12	12/6/2018 13:41	23.35	77.9	5.64	4.5	SR12	12/6/2018 19:41	23.33	79.4	5.76	4.9
SR12	12/6/2018 1:46	23.41	78.8	5.70	3.2	SR12	12/6/2018 7:46	22.90	88.0	7.13	6.2	SR12	12/6/2018 13:46	23.34	77.9	5.64	3.4	SR12	12/6/2018 19:46	23.33	79.4	5.76	5.4
SR12	12/6/2018 1:51	23.39	79.5	5.75	5.2	SR12	12/6/2018 7:51	22.98	87.4	7.07	3.4	SR12	12/6/2018 13:51	23.33	78.4	5.68	4.7	SR12	12/6/2018 19:51	23.34	79.1	5.74	3.8
SR12	12/6/2018 1:56	23.42	77.7	5.63	4.1	SR12	12/6/2018 7:56	23.03	88.0	7.11	5.0	SR12	12/6/2018 13:56	23.34	78.4	5.68	8.9	SR12	12/6/2018 19:56	23.34	78.9	5.73	4.1
SR12	12/6/2018 2:01	23.42	78.4	5.68	5.5	SR12	12/6/2018 8:01	23.06	87.9	7.10	5.2	SR12	12/6/2018 14:01	23.34	78.2	5.66	2.8	SR12	12/6/2018 20:01	23.33	78.7	5.71	5.0
SR12	12/6/2018 2:06	23.41	78.2	5.67	5.1	SR12	12/6/2018 8:06	23.04	87.8	7.10	**11.5**	SR12	12/6/2018 14:06	23.33	77.7	5.63	4.5	SR12	12/6/2018 20:06	23.35	78.6	5.70	5.5
SR12	12/6/2018 2:11	23.41	78.2	5.66	5.3	SR12	12/6/2018 8:11	22.97	88.1	7.13	3.3	SR12	12/6/2018 14:11	23.34	78.2	5.66	3.7	SR12	12/6/2018 20:11	23.33	79.1	5.74	4.2
SR12	12/6/2018 2:16	23.39	79.3	5.74	4.2	SR12	12/6/2018 8:16	22.99	87.9	7.12	5.7	SR12	12/6/2018 14:16	23.34	77.9	5.63	3.8	SR12	12/6/2018 20:16	23.34	79.3	5.75	2.9
SR12	12/6/2018 2:21	23.38	79.2	5.74	4.8	SR12	12/6/2018 8:21	23.04	87.7	7.09	5.7	SR12	12/6/2018 14:21	23.35	77.7	5.62	4.7	SR12	12/6/2018 20:21	23.34	78.9	5.72	4.6
SR12	12/6/2018 2:26	23.39	79.5	5.76	5.0	SR12	12/6/2018 8:26	23.05	87.6	7.08	3.5	SR12	12/6/2018 14:26	23.33	76.0	5.57	4.0	SR12	12/6/2018 20:26	23.33	78.9	5.72	4.7
SR12	12/6/2018 2:31	23.41	78.8	5.71	5.3	SR12	12/6/2018 8:31	23.22	86.3	6.93	6.3	SR12	12/6/2018 14:31	23.33	77.6	5.63	4.5	SR12	12/6/2018 20:31	23.34	77.9	5.65	5.9
SR12	12/6/2018 2:36	23.40	78.5	5.68	6.0	SR12	12/6/2018 8:36	23.16	81.9	6.57	4.5	SR12	12/6/2018 14:36	23.32	77.8	5.62	4.1	SR12	12/6/2018 20:36	23.34	78.0	5.66	4.3
SR12	12/6/2018 2:41	23.39	78.9	5.71	4.6	SR12	12/6/2018 8:41	23.35	78.9	6.29	6.1	SR12	12/6/2018 14:41	23.32	77.8	5.63	2.9	SR12	12/6/2018 20:41	23.33	77.7	5.64	4.2
SR12	12/6/2018 2:46	23.40	78.5	5.68	6.7	SR12	12/6/2018 8:46	23.36	78.6	6.24	3.0	SR12	12/6/2018 14:46	23.32	77.8	5.63	4.7	SR12	12/6/2018 20:46	23.34	77.7	5.63	4.4
SR12	12/6/2018 2:51	23.41	78.8	5.70	5.1	SR12	12/6/2018 8:51	23.36	79.5	6.30	4.4	SR12	12/6/2018 14:51	23.33	77.1	5.58	2.8	SR12	12/6/2018 20:51	23.33	77.3	5.61	4.7
SR12	12/6/2018 2:56	23.40	78.4	5.68	5.5	SR12	12/6/2018 8:56	23.36	79.5	6.31	3.8	SR12	12/6/2018 14:56	23.34	77.5	5.61	3.7	SR12	12/6/2018 20:56	23.36	78.0	5.66	3.5
SR12	12/6/2018 3:01	23.39	78.6	5.69	2.8	SR12	12/6/2018 9:01	23.37	79.4	5.95	5.5	SR12	12/6/2018 15:01	23.33	77.1	5.58	5.9	SR12	12/6/2018 21:01	23.36	78.0	5.65	3.4
SR12	12/6/2018 3:06	23.39	78.6	5.69	4.5	SR12	12/6/2018 9:06	23.36	79.1	5.73	5.4	SR12	12/6/2018 15:06	23.33	78.8	5.71	5.3	SR12	12/6/2018 21:06	23.34	78.7	5.70	6.1
SR12	12/6/2018 3:11	23.39	76.8	5.56	4.4	SR12	12/6/2018 9:11	23.35	79.8	5.78	5.0	SR12	12/6/2018 15:11	23.32	79.0	5.72	5.1	SR12	12/6/2018 21:11	23.33	78.3	5.67	4.4
SR12	12/6/2018 3:16	23.39	78.7	5.70	5.6	SR12	12/6/2018 9:16	23.34	80.7	5.85	4.4	SR12	12/6/2018 15:16	23.33	78.8	5.71	5.9	SR12	12/6/2018 21:16	23.34	78.1	5.66	2.7
SR12	12/6/2018 3:21	23.39	77.1	5.59	5.9	SR12	12/6/2018 9:21	23.35	81.2	5.88	2.9	SR12	12/6/2018 15:21	23.33	79.5	5.76	4.1	SR12	12/6/2018 21:21	23.33	78.0	5.65	5.2
SR12	12/6/2018 3:26	23.39	77.7	5.63	5.2	SR12	12/6/2018 9:26	23.36	81.0	5.87	5.4	SR12	12/6/2018 15:26	23.34	79.5	5.76	3.5	SR12	12/6/2018 21:26	23.33	77.6	5.63	3.3
SR12	12/6/2018 3:31	23.40	75.8	5.49	5.1	SR12	12/6/2018 9:31	23.36	80.8	5.86	5.5	SR12	12/6/2018 15:31	23.34	78.9	5.72	3.6	SR12	12/6/2018 21:31	23.32	78.1	5.66	5.0
SR12	12/6/2018 3:36	23.39	75.9	5.50	5.0	SR12	12/6/2018 9:36	23.36	81.2	5.89	4.6	SR12	12/6/2018 15:36	23.34	79.0	5.72	2.8	SR12	12/6/2018 21:36	23.32	77.6	5.63	6.0
SR12	12/6/2018 3:41	23.39	76.6	5.55	5.3	SR12	12/6/2018 9:41	23.35	81.0	5.88	4.6	SR12	12/6/2018 15:41	23.34	78.5	5.69	3.4	SR12	12/6/2018 21:41	23.32	77.5	5.62	4.4
SR12	12/6/2018 3:46	23.42	76.1	5.51	4.2	SR12	12/6/2018 9:46	23.37	81.2	5.89	4.4	SR12	12/6/2018 15:46	23.34	78.5	5.69	4.6	SR12	12/6/2018 21:46	23.31	77.5	5.62	3.7
SR12	12/6/2018 3:51	23.41	77.2	5.59	6.2	SR12	12/6/2018 9:51	23.37	81.5	5.91	3.2	SR12	12/6/2018 15:51	23.34	78.4	5.68	5.0	SR12	12/6/2018 21:51	23.31	77.6	5.62	2.8
SR12	12/6/2018 3:56	23.40	76.7	5.55	4.2	SR12	12/6/2018 9:56	23.38	81.1	5.88	4.9	SR12	12/6/2018 15:56	23.34	78.0	5.65	4.4	SR12	12/6/2018 21:56	23.28	76.8	5.57	4.5
SR12	12/6/2018 4:01	23.40	78.5	5.68	4.9	SR12	12/6/2018 10:01	23.36	81.1	5.88	4.8	SR12	12/6/2018 16:01	23.33	79.3	5.75	4.5	SR12	12/6/2018 22:01	23.28	77.6	5.63	3.2
SR12	12/6/2018 4:06	23.40	77.3	5.60	3.6	SR12	12/6/2018 10:06	23.36	79.3	5.75	6.0	SR12	12/6/2018 16:06	23.32	79.6	5.77	5.0	SR12	12/6/2018 22:06	23.29	77.7	5.63	3.7
SR12	12/6/2018 4:11	23.40	77.0	5.57	6.0	SR12	12/6/2018 10:11	23.35	80.3	5.82	6.3	SR12	12/6/2018 16:11	23.31	79.7	5.78	3.8	SR12	12/6/2018 22:11	23.29	77.9	5.65	3.7
SR12	12/6/2018 4:16	23.40	77.1	5.58	3.7	SR12	12/6/2018 10:16	23.35	79.5	5.77	5.2	SR12	12/6/2018 16:16	23.32	79.7	5.78	5.0	SR12	12/6/2018 22:16	23.30	77.1	5.59	4.3
SR12	12/6/2018 4:21	23.40	77.7	5.63	**12.2**	SR12	12/6/2018 10:21	23.34	80.1	5.81	5.9	SR12	12/6/2018 16:21	23.32	79.1	5.73	3.4	SR12	12/6/2018 22:21	23.31	76.8	5.56	3.7
SR12	12/6/2018 4:26	23.40	77.6	5.62	4.6	SR12	12/6/2018 10:26	23.34	81.1	5.88	5.8	SR12	12/6/2018 16:26	23.33	78.9	5.72	4.3	SR12	12/6/2018 22:26	23.31	76.7	5.56	4.0
SR12	12/6/2018 4:31	23.40	78.0	5.65	4.0	SR12	12/6/2018 10:31	23.35	79.8	5.78	4.1	SR12	12/6/2018 16:31	23.33	78.9	5.72	3.4	SR12	12/6/2018 22:31	23.31	77.0	5.58	3.4
SR12	12/6/2018 4:36	23.40	76.8	5.56	6.3	SR12	12/6/2018 10:36	23.34	80.0	5.80	4.3	SR12	12/6/2018 16:36	23.34	78.9	5.71	4.4	SR12	12/6/2018 22:36	23.31	76.7	5.56	4.5
SR12	12/6/2018 4:41	23.41	77.0	5.57	5.0	SR12	12/6/2018 10:41	23.34	80.4	5.83	3.9	SR12	12/6/2018 16:41	23.34	78.0	5.65	3.7	SR12	12/6/2018 22:41	23.31	77.0	5.57	5.3
SR12	12/6/2018 4:46	23.40	77.4	5.61	3.3	SR12	12/6/2018 10:46	23.34	80.0	5.80	4.3	SR12	12/6/2018 16:46	23.33	78.6	5.70	3.1	SR12	12/6/2018 22:46	23.31	77.5	5.61	3.6
SR12	12/6/2018 4:51	23.41	76.9	5.57	3.4	SR12	12/6/2018 10:51	23.34	79.9	5.79	2.5	SR12	12/6/2018 16:51	23.34	79.0	5.72	3.6	SR12	12/6/2018 22:51	23.31	76.8	5.56	2.8
SR12	12/6/2018 4:56	23.41	77.1	5.58	4.0	SR12	12/6/2018 10:56	23.33	80.0	5.80	4.4	SR12	12/6/2018 16:56	23.34	77.8	5.64	4.2	SR12	12/6/2018 22:56	23.31	77.1	5.59	4.4
SR12	12/6/2018 5:01	23.40	76.9	5.57	5.7	SR12	12/6/2018 11:01	23.34	79.5	5.76	4.7	SR12	12/6/2018 17:01	23.34	77.8	5.63	3.2	SR12	12/6/2018 23:01	23.31	76.2	5.52	3.4
SR12	12/6/2018 5:06	23.40	76.8	5.56	4.8	SR12	12/6/2018 11:06	23.34	79.7	5.77	4.1	SR12	12/6/2018 17:06	23.33	78.1	5.66	4.0	SR12	12/6/2018 23:06	23.31	76.0	5.51	2.9
SR12	12/6/2018 5:11	23.40	76.9	5.57	4.7	SR12	12/6/2018 11:11	23.33	80.1	5.81	3.4	SR12	12/6/2018 17:11	23.33	77.9	5.65	6.2	SR12	12/6/2018 23:11	23.30	77.1	5.59	5.0
SR12	12/6/2018 5:16	23.40	76.4	5.53	3.9	SR12	12/6/2018 11:16	23.33	79.8	5.79	3.6	SR12	12/6/2018 17:16	23.33	77.7	5.63	5.9	SR12	12/6/2018 23:16	23.31	76.2	5.52	5.3
SR12	12/6/2018 5:21	23.39	77.9	5.64	4.2	SR12	12/6/2018 11:21	23.32	80.3	5.82	2.7	SR12	12/6/2018 17:21	23.33	76.9	5.57	2.8	SR12	12/6/2018 23:21	23.30	75.3	5.46	4.7
SR12	12/6/2018 5:26	23.39	77.6	5.62	3.3	SR12	12/6/2018 11:26	23.33	80.5	5.83	4.9	SR12	12/6/2018 17:26	23.33	77.1	5.59	4.6	SR12	12/6/2018 23:26	23.30	76.1	5.51	4.4
SR12	12/6/2018 5:31	23.38	78.7	5.70	6.1	SR12	12/6/2018 11:31	23.33	79.9	5.79	4.2	SR12	12/6/2018 17:31	23.32	77.4	5.62	3.4	SR12	12/6/2018 23:31	23.31	76.7	5.55	2.8
SR12	12/6/2018 5:36	23.38	79.1	5.73	4.6	SR12	12/6/2018 11:36	23.32	79.9	5.79	5.1	SR12	12/6/2018 17:36	23.33	77.5	5.62	4.5	SR12	12/6/2018 23:36	23.31	76.8	5.56	3.2
SR12	12/6/2018 5:41	23.38	79.1	5.72	4.7	SR12	12/6/2018 11:41	23.32	80.2	5.81	3.8	SR12	12/6/2018 17:41	23.33	77.5	5.62	4.4	SR12	12/6/2018 23:41	23.30	76.9	5.57	4.8
SR12	12/6/2018 5:46	23.38	78.9	5.71	7.3	SR12	12/6/2018 11:46	23.33	80.1	5.81	4.3	SR12	12/6/2018 17:46	23.33	78.0	5.66	4.9	SR12	12/6/2018 23:46	23.30	76.5	5.54	3.4
SR12	12/6/2018 5:51	23.37	78.8	5.70	2.8	SR12	12/6/2018 11:51	23.32	80.1	5.80	5.5	SR12	12/6/2018 17:51	23.34	77.2	5.60	2.5	SR12	12/6/2018 23:51	23.30	76.9	5.57	3.9
SR12	12/6/2018 5:56	23.36	80.1	5.80	5.0	SR12	12/6/2018 11:56	23.32	79.5	5.76	5.3	SR12	12/6/2018 17:56	23.33	78.6	5.70	4.1	SR12	12/6/2018 23:56	23.30	76.7	5.56	3.0

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/6/2018 0:00	22.51	78.2	5.48	2.3	SR13	12/6/2018 6:00	22.71	85.4	6.28	2.1	SR13	12/6/2018 12:00	22.51	80.6	5.66	5.5	SR13	12/6/2018 18:00	22.53	81.0	5.68	4.3
SR13	12/6/2018 0:05	22.50	78.4	5.50	1.9	SR13	12/6/2018 6:05	22.70	85.4	6.29	2.0	SR13	12/6/2018 12:05	22.48	80.2	5.63	2.1	SR13	12/6/2018 18:05	22.53	80.9	5.67	2.2
SR13	12/6/2018 0:10	22.51	78.6	5.51	2.9	SR13	12/6/2018 6:10	22.71	86.1	6.34	1.9	SR13	12/6/2018 12:10	22.48	81.7	5.73	5.6	SR13	12/6/2018 18:10	22.53	80.3	5.63	3.4
SR13	12/6/2018 0:15	22.51	78.0	5.47	1.7	SR13	12/6/2018 6:15	22.71	85.9	6.33	2.9	SR13	12/6/2018 12:15	22.54	79.8	5.60	5.9	SR13	12/6/2018 18:15	22.53	81.0	5.69	3.0
SR13	12/6/2018 0:20	22.51	78.9	5.53	5.1	SR13	12/6/2018 6:20	22.71	85.7	6.31	2.5	SR13	12/6/2018 12:20	22.50	80.5	5.65	3.4	SR13	12/6/2018 18:20	22.53	81.1	5.69	2.9
SR13	12/6/2018 0:25	22.51	78.7	5.52	5.0	SR13	12/6/2018 6:25	22.70	87.2	6.41	2.1	SR13	12/6/2018 12:25	22.49	81.1	5.69	6.2	SR13	12/6/2018 18:25	22.53	81.1	5.68	4.2
SR13	12/6/2018 0:30	22.51	79.3	5.57	4.7	SR13	12/6/2018 6:30	22.71	86.2	6.35	3.3	SR13	12/6/2018 12:30	22.48	80.7	5.66	2.3	SR13	12/6/2018 18:30	22.53	80.9	5.67	5.9
SR13	12/6/2018 0:35	22.51	79.0	5.55	5.3	SR13	12/6/2018 6:35	22.71	86.0	6.32	2.1	SR13	12/6/2018 12:35	22.51	80.5	5.65	1.8	SR13	12/6/2018 18:35	22.53	80.8	5.67	6.6
SR13	12/6/2018 0:40	22.52	78.6	5.52	4.9	SR13	12/6/2018 6:40	22.70	85.9	6.32	2.3	SR13	12/6/2018 12:40	22.53	80.3	5.64	3.5	SR13	12/6/2018 18:40	22.53	81.0	5.68	3.2
SR13	12/6/2018 0:45	22.51	78.4	5.50	2.0	SR13	12/6/2018 6:45	22.71	85.9	6.33	2.1	SR13	12/6/2018 12:45	22.54	80.8	5.67	6.2	SR13	12/6/2018 18:45	22.53	81.0	5.68	4.3
SR13	12/6/2018 0:50	22.51	78.4	5.50	2.7	SR13	12/6/2018 6:50	22.71	86.1	6.34	2.5	SR13	12/6/2018 12:50	22.54	80.6	5.65	3.9	SR13	12/6/2018 18:50	22.52	80.8	5.67	6.6
SR13	12/6/2018 0:55	22.51	78.1	5.48	5.7	SR13	12/6/2018 6:55	22.71	86.4	6.36	2.2	SR13	12/6/2018 12:55	22.54	80.2	5.63	1.5	SR13	12/6/2018 18:55	22.52	80.4	5.64	3.7
SR13	12/6/2018 1:00	22.54	78.3	5.50	6.4	SR13	12/6/2018 7:00	22.71	86.6	6.37	2.3	SR13	12/6/2018 13:00	22.54	80.4	5.64	6.1	SR13	12/6/2018 19:00	22.53	80.6	5.65	4.6
SR13	12/6/2018 1:05	22.51	78.6	5.51	2.4	SR13	12/6/2018 7:05	22.71	86.2	6.34	1.8	SR13	12/6/2018 13:05	22.53	80.6	5.66	6.2	SR13	12/6/2018 19:05	22.51	80.3	5.63	6.5
SR13	12/6/2018 1:10	22.52	78.8	5.53	5.3	SR13	12/6/2018 7:10	22.69	85.3	6.40	2.1	SR13	12/6/2018 13:10	22.53	79.9	5.61	5.5	SR13	12/6/2018 19:10	22.51	80.3	5.63	2.2
SR13	12/6/2018 1:15	22.53	78.9	5.54	2.8	SR13	12/6/2018 7:15	22.69	86.2	6.34	1.7	SR13	12/6/2018 13:15	22.51	80.3	5.64	2.3	SR13	12/6/2018 19:15	22.52	80.1	5.62	1.5
SR13	12/6/2018 1:20	22.53	78.7	5.52	6.3	SR13	12/6/2018 7:20	22.69	86.3	6.35	1.6	SR13	12/6/2018 13:20	22.52	79.5	5.58	3.7	SR13	12/6/2018 19:20	22.53	80.4	5.64	3.7
SR13	12/6/2018 1:25	22.52	78.8	5.54	6.3	SR13	12/6/2018 7:25	22.69	85.5	6.47	1.7	SR13	12/6/2018 13:25	22.51	80.0	5.62	2.7	SR13	12/6/2018 19:25	22.53	80.3	5.63	2.1
SR13	12/6/2018 1:30	22.52	79.1	5.55	3.2	SR13	12/6/2018 7:30	22.67	85.7	6.49	3.1	SR13	12/6/2018 13:30	22.51	79.7	5.59	3.8	SR13	12/6/2018 19:30	22.53	80.4	5.64	3.5
SR13	12/6/2018 1:35	22.71	84.0	6.19	1.9	SR13	12/6/2018 7:35	22.65	86.5	6.56	5.8	SR13	12/6/2018 13:35	22.52	79.4	5.58	4.4	SR13	12/6/2018 19:35	22.52	80.0	5.62	4.5
SR13	12/6/2018 1:40	22.71	84.3	6.22	2.2	SR13	12/6/2018 7:40	22.61	88.4	6.74	3.3	SR13	12/6/2018 13:40	22.53	78.9	5.54	6.1	SR13	12/6/2018 19:40	22.52	79.8	5.60	6.0
SR13	12/6/2018 1:45	22.71	83.4	6.15	2.4	SR13	12/6/2018 7:45	22.62	89.0	6.78	4.2	SR13	12/6/2018 13:45	22.53	78.5	5.51	1.9	SR13	12/6/2018 19:45	22.53	79.9	5.60	6.4
SR13	12/6/2018 1:50	22.72	84.7	6.24	2.3	SR13	12/6/2018 7:50	22.63	87.7	6.68	2.2	SR13	12/6/2018 13:50	22.54	78.8	5.53	2.9	SR13	12/6/2018 19:50	22.53	80.2	5.63	6.4
SR13	12/6/2018 1:55	22.71	84.3	6.21	2.2	SR13	12/6/2018 7:55	22.63	88.3	6.73	3.7	SR13	12/6/2018 13:55	22.53	79.5	5.58	2.3	SR13	12/6/2018 19:55	22.52	80.7	5.66	1.9
SR13	12/6/2018 2:00	22.70	83.6	6.16	2.4	SR13	12/6/2018 8:00	22.62	88.3	6.73	2.7	SR13	12/6/2018 14:00	22.53	79.0	5.55	5.8	SR13	12/6/2018 20:00	22.52	80.5	5.65	3.7
SR13	12/6/2018 2:05	22.70	84.0	6.19	2.8	SR13	12/6/2018 8:05	22.61	88.1	6.72	2.1	SR13	12/6/2018 14:05	22.50	79.6	5.58	5.2	SR13	12/6/2018 20:05	22.51	80.5	5.65	2.0
SR13	12/6/2018 2:10	22.71	85.4	6.29	2.3	SR13	12/6/2018 8:10	22.61	88.8	6.77	2.5	SR13	12/6/2018 14:10	22.51	79.9	5.60	5.7	SR13	12/6/2018 20:10	22.50	80.5	5.65	4.8
SR13	12/6/2018 2:15	22.73	84.8	6.25	1.7	SR13	12/6/2018 8:15	22.62	88.4	6.73	3.3	SR13	12/6/2018 14:15	22.50	79.9	5.60	4.2	SR13	12/6/2018 20:15	22.51	79.7	5.58	4.8
SR13	12/6/2018 2:20	22.73	85.1	6.27	2.6	SR13	12/6/2018 8:20	22.70	87.0	6.60	3.1	SR13	12/6/2018 14:20	22.52	79.0	5.54	5.4	SR13	12/6/2018 20:20	22.51	80.1	5.62	2.8
SR13	12/6/2018 2:25	22.72	85.1	6.27	3.3	SR13	12/6/2018 8:25	22.64	87.3	6.65	2.5	SR13	12/6/2018 14:25	22.52	79.3	5.56	2.8	SR13	12/6/2018 20:25	22.51	80.3	5.63	1.8
SR13	12/6/2018 2:30	22.72	85.2	6.27	2.4	SR13	12/6/2018 8:30	22.57	87.4	6.67	2.8	SR13	12/6/2018 14:30	22.54	78.6	5.51	6.2	SR13	12/6/2018 20:30	22.50	80.0	5.61	3.3
SR13	12/6/2018 2:35	22.71	84.9	6.25	2.9	SR13	12/6/2018 8:35	22.60	87.7	6.68	1.8	SR13	12/6/2018 14:35	22.50	80.0	5.60	5.5	SR13	12/6/2018 20:35	22.51	80.0	5.62	3.9
SR13	12/6/2018 2:40	22.72	85.3	6.28	2.1	SR13	12/6/2018 8:40	22.61	87.0	6.63	2.6	SR13	12/6/2018 14:40	22.49	80.2	5.62	2.1	SR13	12/6/2018 20:40	22.50	80.3	5.63	4.4
SR13	12/6/2018 2:45	22.72	84.8	6.25	2.6	SR13	12/6/2018 8:45	22.62	87.0	6.63	2.6	SR13	12/6/2018 14:45	22.50	80.7	5.66	5.9	SR13	12/6/2018 20:45	22.50	80.0	5.61	1.5
SR13	12/6/2018 2:50	22.71	84.8	6.25	2.5	SR13	12/6/2018 8:50	22.61	87.0	6.63	4.3	SR13	12/6/2018 14:50	22.23	91.8	7.87	9.4	SR13	12/6/2018 20:50	22.50	80.1	5.62	2.0
SR13	12/6/2018 2:55	22.72	84.8	6.24	2.3	SR13	12/6/2018 8:55	22.59	87.7	6.69	2.1	SR13	12/6/2018 14:55	21.82	96.1	8.31	11.7	SR13	12/6/2018 20:55	22.50	80.3	5.63	6.6
SR13	12/6/2018 3:00	22.71	85.4	6.28	1.8	SR13	12/6/2018 9:00	22.60	86.6	6.61	2.7	SR13	12/6/2018 15:00	21.88	97.1	8.44	9.3	SR13	12/6/2018 21:00	22.50	79.8	5.59	3.3
SR13	12/6/2018 3:05	22.71	85.5	6.30	2.4	SR13	12/6/2018 9:05	22.62	86.8	6.62	2.7	SR13	12/6/2018 15:05	22.52	80.2	5.24	6.2	SR13	12/6/2018 21:05	22.50	79.8	5.60	6.2
SR13	12/6/2018 3:10	22.72	85.1	6.27	2.4	SR13	12/6/2018 9:10	22.62	87.3	6.65	2.0	SR13	12/6/2018 15:10	22.52	80.1	5.30	5.6	SR13	12/6/2018 21:10	22.50	79.4	5.57	3.5
SR13	12/6/2018 3:15	22.71	85.4	6.29	2.1	SR13	12/6/2018 9:15	22.68	86.6	6.59	3.0	SR13	12/6/2018 15:15	22.52	79.9	5.29	5.7	SR13	12/6/2018 21:15	22.51	79.2	5.55	4.7
SR13	12/6/2018 3:20	22.72	85.3	6.28	2.9	SR13	12/6/2018 9:20	22.65	86.0	6.53	2.2	SR13	12/6/2018 15:20	22.52	79.7	5.28	6.5	SR13	12/6/2018 21:20	22.50	79.6	5.58	2.2
SR13	12/6/2018 3:25	22.72	85.3	6.28	2.2	SR13	12/6/2018 9:25	22.72	84.3	6.38	2.6	SR13	12/6/2018 15:25	22.52	81.6	5.72	2.1	SR13	12/6/2018 21:25	22.50	79.3	5.56	3.3
SR13	12/6/2018 3:30	22.72	84.9	6.25	2.7	SR13	12/6/2018 9:30	22.72	84.3	6.37	2.2	SR13	12/6/2018 15:30	22.52	81.9	5.74	2.0	SR13	12/6/2018 21:30	22.50	79.4	5.56	3.5
SR13	12/6/2018 3:35	22.72	84.7	6.24	2.1	SR13	12/6/2018 9:35	22.72	85.5	6.46	2.0	SR13	12/6/2018 15:35	22.52	81.4	5.70	4.1	SR13	12/6/2018 21:35	22.49	79.5	5.57	3.0
SR13	12/6/2018 3:40	22.71	84.4	6.22	2.2	SR13	12/6/2018 9:40	22.45	81.2	5.78	2.0	SR13	12/6/2018 15:40	22.53	81.5	5.71	6.6	SR13	12/6/2018 21:40	22.49	79.2	5.56	4.5
SR13	12/6/2018 3:45	22.71	84.5	6.22	1.9	SR13	12/6/2018 9:45	22.45	81.3	5.74	5.5	SR13	12/6/2018 15:45	22.53	80.9	5.68	4.5	SR13	12/6/2018 21:45	22.50	79.2	5.55	2.5
SR13	12/6/2018 3:50	22.71	84.8	6.24	2.2	SR13	12/6/2018 9:50	22.46	80.5	5.65	3.8	SR13	12/6/2018 15:50	22.53	81.1	5.69	1.7	SR13	12/6/2018 21:50	22.50	79.3	5.56	2.9
SR13	12/6/2018 3:55	22.72	84.3	6.21	2.2	SR13	12/6/2018 9:55	22.46	81.4	5.70	2.8	SR13	12/6/2018 15:55	22.53	81.4	5.71	3.9	SR13	12/6/2018 21:55	22.51	79.5	5.58	3.5
SR13	12/6/2018 4:00	22.72	85.1	6.27	2.6	SR13	12/6/2018 10:00	22.46	81.6	5.73	4.4	SR13	12/6/2018 16:00	22.53	81.5	5.72	2.5	SR13	12/6/2018 22:00	22.51	79.6	5.59	4.8
SR13	12/6/2018 4:05	22.71	84.3	6.21	2.5	SR13	12/6/2018 10:05	22.46	81.3	5.70	1.9	SR13	12/6/2018 16:05	22.53	82.1	5.76	5.6	SR13	12/6/2018 22:05	22.51	80.4	5.64	3.4
SR13	12/6/2018 4:10	22.72	84.6	6.23	2.4	SR13	12/6/2018 10:10	22.46	80.8	5.67	2.9	SR13	12/6/2018 16:10	22.54	79.8	5.30	6.4	SR13	12/6/2018 22:10	22.50	81.1	5.69	3.0
SR13	12/6/2018 4:15	22.71	83.1	6.13	2.4	SR13	12/6/2018 10:15	22.45	80.9	5.68	6.1	SR13	12/6/2018 16:15	22.54	79.8	5.30	4.5	SR13	12/6/2018 22:15	22.67	83.3	6.14	2.2
SR13	12/6/2018 4:20	22.71	84.1	6.20	2.5	SR13	12/6/2018 10:20	22.46	80.7	5.66	4.2	SR13	12/6/2018 16:20	22.54	80.1	5.32	6.1	SR13	12/6/2018 22:20	22.68	83.5	6.16	2.6
SR13	12/6/2018 4:25	22.71	83.6	6.16	3.4	SR13	12/6/2018 10:25	22.47	80.9	5.68	5.6	SR13	12/6/2018 16:25	22.54	80.1	5.32	3.9	SR13	12/6/2018 22:25	22.68	83.8	6.18	3.0
SR13	12/6/2018 4:30	22.72	84.9	6.25	2.6	SR13	12/6/2018 10:30	22.50	81.6	5.72	5.0	SR13	12/6/2018 16:30	22.54	80.2	5.32	5.1	SR13	12/6/2018 22:30	22.69	83.1	6.13	1.6
SR13	12/6/2018 4:35	22.71	84.6	6.23	2.9	SR13	12/6/2018 10:35	22.51	81.8	5.74	2.0	SR13	12/6/2018 16:35	22.54	79.7	5.29	6.0	SR13	12/6/2018 22:35	22.68	83.6	6.16	1.7
SR13	12/6/2018 4:40	22.70	83.7	6.16	1.8	SR13	12/6/2018 10:40	22.52	81.9	5.74	4.5	SR13	12/6/2018 16:40	22.54	79.9	5.30	5.5	SR13	12/6/2018 22:40	22.68	82.8	6.11	1.9
SR13	12/6/2018 4:45	22.70	85.3	6.27	2.1	SR13	12/6/2018 10:45	22.54	81.8	5.73	2.1	SR13	12/6/2018 16:45	22.55	80.1	5.32	5.6	SR13	12/6/2018 22:45	22.67	83.1	6.13	1.8
SR13	12/6/2018 4:50	22.71	85.2	6.27	2.2	SR13	12/6/2018 10:50	22.57	81.6	5.72	5.0	SR13	12/6/2018 16:50	22.55	80.2	5.32	2.0	SR13	12/6/2018 22:50	22.65	84.0	6.19	1.9
SR13	12/6/2018 4:55	22.71	84.2	6.20	2.9	SR13	12/6/2018 10:55	22.55	81.7	5.73	3.7	SR13	12/6/2018 16:55	22.54	80.3	5.33	3.9	SR13	12/6/2018 22:55	22.66	83.9	6.19	2.2
SR13	12/6/2018 5:00	22.71	84.6	6.23	1.8	SR13	12/6/2018 11:00	22.58	81.7	5.73	3.8	SR13	12/6/2018 17:00	22.55	80.1	5.32	2.2	SR13	12/6/2018 23:00	22.68	84.2	6.21	2.3
SR13	12/6/2018 5:05	22.71	84.8	6.25	4.6	SR13	12/6/2018 11:05	22.58	81.6	5.72	2.3	SR13	12/6/2018 17:05	22.54	79.8	5.30	5.8	SR13	12/6/2018 23:05	22.67	83.9	6.19	2.3
SR13	12/6/2018 5:10	22.71	84.9	6.25	2.6	SR13	12/6/2018 11:10	22.55	81.3	5.70	5.6	SR13	12/6/2018 17:10	22.54	80.2	5.32	4.3	SR13	12/6/2018 23:10	22.67	83.9	6.19	1.9
SR13	12/6/2018 5:15	22.71	85.4	6.29	2.2	SR13	12/6/2018 11:15	22.51	80.7	5.66	3.5	SR13	12/6/2018 17:15	22.54	79.7	5.29	5.3	SR13	12/6/2018 23:15	22.69	84.5	6.23	1.8
SR13	12/6/2018 5:20	22.72	85.4	6.29	2.9	SR13	12/6/2018 11:20	22.56	81.4	5.71	4.8	SR13	12/6/2018 17:20	22.53	79.5	5.28	4.9	SR13	12/6/2018 23:20	22.69	85.0	6.27	2.5
SR13	12/6/2018 5:25	22.73	85.5	6.29	2.8	SR13	12/6/2018 11:25	22.52	80.9	5.68	5.4	SR13	12/6/2018 17:25	22.53	81.4	5.70	1.8	SR13	12/6/2018 23:25	22.70	85.2	6.30	2.6
SR13	12/6/2018 5:30	22.71	86.1	6.34	1.7	SR13	12/6/2018 11:30	22.52	80.8	5.67	1.7	SR13	12/6/2018 17:30	22.53	81.2	5.70	6.0	SR13	12/6/2018 23:30	22.68	85.4	6.30	2.0
SR13	12/6/2018 5:35	22.72	85.0	6.26	1.9	SR13	12/6/2018 11:35	22.60	81.7	5.72	3.9	SR13	12/6/2018 17:35	22.53	81.5	5.71	1.9	SR13	12/6/2018 23:35	22.68	86.4	6.38	1.7
SR13	12/6/2018 5:40	22.72	85.5	6.29	2.3	SR13	12/6/2018 11:40	22.54	81.1	5.69	5.1	SR13	12/6/2018 17:40	22.53	81.4	5.70	5.8	SR13	12/6/2018 23:40	22.68	86.3	6.37	2.1
SR13	12/6/2018 5:45	22.71	86.1	6.34	2.5	SR13	12/6/2018 11:45	22.54	81.0	5.68	3.7	SR13	12/6/2018 17:45	22.53	81.0	5.68	2.9	SR13	12/6/2018 23:45	22.68	85.4	6.31	2.0
SR13	12/6/2018 5:50	22.71	85.6	6.30	2.2	SR13	12/6/2018 11:50	22.49	80.3	5.64	6.4	SR13	12/6/2018 17:50	22.53	80.8	5.67	5.4	SR13	12/6/2018 23:50	22.69	85.8	6.33	1.9
SR13	12/6/2018 5:55	22.72	85.0	6.26	2.2	SR13	12/6/2018 11:55	22.47	80.0	5.62	6.6	SR13	12/6/2018 17:55	22.53	81.2	5.69	5.2	SR13	12/6/2018 23:55	22.69	86.3	6.37	2.6

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	12/6/2018 0:17	0.02				SR12	12/6/2018 0:17	0.01			
SR4	12/6/2018 0:37	0.02				SR12	12/6/2018 0:37	0.02			
SR4	12/6/2018 0:57	0.02				SR12	12/6/2018 0:57	0.01			
SR4	12/6/2018 1:17	0.02				SR12	12/6/2018 1:17	0.01			
SR4	12/6/2018 1:37	0.02				SR12	12/6/2018 1:37	0.01			
SR4	12/6/2018 1:57	0.02				SR12	12/6/2018 1:57	0.01			
SR4	12/6/2018 2:17	0.01				SR12	12/6/2018 2:17	0.01			
SR4	12/6/2018 2:37	0.01				SR12	12/6/2018 2:37	0.01			
SR4	12/6/2018 2:57	0.01				SR12	12/6/2018 2:57	0.01			
SR4	12/6/2018 3:17	0.01				SR12	12/6/2018 3:17	0.01			
SR4	12/6/2018 3:37	0.01				SR12	12/6/2018 3:37	0.01			
SR4	12/6/2018 3:57	0.01				SR12	12/6/2018 3:57	0.03			
SR4	12/6/2018 4:17	0.01				SR12	12/6/2018 4:17	0.01			
SR4	12/6/2018 4:37	0.01				SR12	12/6/2018 4:37	0.03			
SR4	12/6/2018 4:57	0.01				SR12	12/6/2018 4:57	0.03			
SR4	12/6/2018 5:17	0.01				SR12	12/6/2018 5:17	0.01			
SR4	12/6/2018 5:37	0.01				SR12	12/6/2018 5:37	0.01			
SR4	12/6/2018 5:57	0.01				SR12	12/6/2018 5:57	0.01			
SR4						SR12					
SR4	12/6/2018 6:37	0.01				SR12	12/6/2018 6:37	0.01			
SR4	12/6/2018 6:57	0.01				SR12	12/6/2018 6:57	0.01			
SR4	12/6/2018 7:17	0.01				SR12	12/6/2018 7:17	0.04			
SR4	12/6/2018 7:37	0.01				SR12	12/6/2018 7:37	0.02			
SR4	12/6/2018 7:57	0.02				SR12	12/6/2018 7:57	0.02			
SR4	12/6/2018 8:17	0.03				SR12	12/6/2018 8:17	0.01			
SR4	12/6/2018 8:37	0.04				SR12	12/6/2018 8:37	0.01			
SR4	12/6/2018 8:57	0.06				SR12	12/6/2018 8:57	0.02			
SR4	12/6/2018 9:17	0.07				SR12	12/6/2018 9:17	0.03			
SR4	12/6/2018 9:37	0.07				SR12	12/6/2018 9:37	0.03			
SR4	12/6/2018 9:57	0.05				SR12	12/6/2018 9:57	0.03			
SR4	12/6/2018 10:17	0.06				SR12	12/6/2018 10:17	0.10			
SR4	12/6/2018 10:37	0.05				SR12	12/6/2018 10:37	0.08			
SR4	12/6/2018 10:57	0.07				SR12	12/6/2018 10:57	0.08			
SR4	12/6/2018 11:17	0.08				SR12	12/6/2018 11:17	0.09			
SR4	12/6/2018 11:37	0.09				SR12	12/6/2018 11:37	0.09			
SR4	12/6/2018 11:57	0.08				SR12	12/6/2018 11:57	0.10			
SR4	12/6/2018 12:17	0.07				SR12	12/6/2018 12:17	0.08			
SR4	12/6/2018 12:37	0.08				SR12	12/6/2018 12:37	0.06			
SR4	12/6/2018 12:57	0.04				SR12	12/6/2018 12:57	0.07			
SR4	12/6/2018 13:17	0.05				SR12	12/6/2018 13:17	0.06			
SR4	12/6/2018 13:37	0.04				SR12	12/6/2018 13:37	0.04			
SR4	12/6/2018 13:57	0.07				SR12	12/6/2018 13:57	0.01			
SR4	12/6/2018 14:17	0.10				SR12	12/6/2018 14:17	0.02			
SR4	12/6/2018 14:37	0.05				SR12	12/6/2018 14:37	0.02			
SR4	12/6/2018 14:57	0.01				SR12	12/6/2018 14:57	0.01			
SR4	12/6/2018 15:17	0.01				SR12	12/6/2018 15:17	0.02			
SR4	12/6/2018 15:37	0.01				SR12	12/6/2018 15:37	0.04			
SR4	12/6/2018 15:57	0.01				SR12	12/6/2018 15:57	0.05			
SR4	12/6/2018 16:17	0.01				SR12	12/6/2018 16:17	0.06			
SR4	12/6/2018 16:37	0.02				SR12	12/6/2018 16:37	0.07			
SR4	12/6/2018 16:57	0.02				SR12	12/6/2018 16:57	0.03			
SR4	12/6/2018 17:17	0.01				SR12	12/6/2018 17:17	0.04			
SR4	12/6/2018 17:37	0.02				SR12	12/6/2018 17:37	0.03			
SR4	12/6/2018 17:57	0.02				SR12	12/6/2018 17:57	0.03			
SR4	12/6/2018 18:17	0.02				SR12	12/6/2018 18:17	0.03			
SR4	12/6/2018 18:37	0.01				SR12	12/6/2018 18:37	0.01			
SR4	12/6/2018 18:57	0.01				SR12	12/6/2018 18:57	0.03			
SR4	12/6/2018 19:17	0.01				SR12	12/6/2018 19:17	0.02			
SR4	12/6/2018 19:37	0.01				SR12	12/6/2018 19:37	0.02			
SR4	12/6/2018 19:57	0.01				SR12	12/6/2018 19:57	0.01			
SR4	12/6/2018 20:17	0.01				SR12	12/6/2018 20:17	0.01			
SR4	12/6/2018 20:37	0.02				SR12	12/6/2018 20:37	0.03			
SR4	12/6/2018 20:57	0.02				SR12	12/6/2018 20:57	0.03			
SR4	12/6/2018 21:17	0.02				SR12	12/6/2018 21:17	0.03			
SR4	12/6/2018 21:37	0.01				SR12	12/6/2018 21:37	0.01			
SR4	12/6/2018 21:57	0.01				SR12	12/6/2018 21:57	0.01			
SR4	12/6/2018 22:17	0.01				SR12	12/6/2018 22:17	0.01			
SR4	12/6/2018 22:37	0.01				SR12	12/6/2018 22:37	0.02			
SR4	12/6/2018 22:57	0.01				SR12	12/6/2018 22:57	0.01			
SR4	12/6/2018 23:17	0.01				SR12	12/6/2018 23:17	0.01			
SR4	12/6/2018 23:37	0.01				SR12	12/6/2018 23:37	0.03			
SR4	12/6/2018 23:57	0.01				SR12	12/6/2018 23:57	0.02			

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 12:40-13:00.

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/7/2018 0:01	22.86	74.1	5.32	2.5	SR4	12/7/2018 6:01	22.86	86.7	6.25	2.6	SR4	12/7/2018 12:01	22.80	80.4	5.79	4.3	SR4	12/7/2018 18:01	22.79	78.5	5.65	3.1
SR4	12/7/2018 0:06	22.86	77.7	5.58	5.1	SR4	12/7/2018 6:06	22.86	86.1	6.21	2.4	SR4	12/7/2018 12:06	22.78	82.9	5.97	1.8	SR4	12/7/2018 18:06	22.77	80.3	5.78	1.9
SR4	12/7/2018 0:11	22.85	77.3	5.56	1.4	SR4	12/7/2018 6:11	22.86	82.6	5.95	5.2	SR4	12/7/2018 12:11	22.77	83.8	6.03	5.3	SR4	12/7/2018 18:11	22.78	79.7	5.74	1.5
SR4	12/7/2018 0:16	22.85	77.0	5.53	4.9	SR4	12/7/2018 6:16	22.86	84.3	6.08	5.1	SR4	12/7/2018 12:16	22.76	83.6	6.02	2.5	SR4	12/7/2018 18:16	22.78	80.3	5.78	3.1
SR4	12/7/2018 0:21	22.85	77.7	5.58	2.5	SR4	12/7/2018 6:21	22.85	82.8	5.97	4.4	SR4	12/7/2018 12:21	22.76	84.0	6.05	4.4	SR4	12/7/2018 18:21	22.78	79.7	5.74	2.4
SR4	12/7/2018 0:26	22.85	78.6	5.65	4.5	SR4	12/7/2018 6:26	22.84	84.3	6.08	5.1	SR4	12/7/2018 12:26	22.77	83.1	5.98	2.9	SR4	12/7/2018 18:26	22.78	78.8	5.67	2.6
SR4	12/7/2018 0:31	22.85	77.8	5.59	3.3	SR4	12/7/2018 6:31	22.85	85.4	6.16	4.8	SR4	12/7/2018 12:31	22.78	82.6	5.95	1.6	SR4	12/7/2018 18:31	22.78	79.6	5.73	2.9
SR4	12/7/2018 0:36	22.85	77.9	5.60	3.4	SR4	12/7/2018 6:36	22.85	83.6	6.02	1.8	SR4	12/7/2018 12:36	22.80	82.4	5.93	3.3	SR4	12/7/2018 18:36	22.78	79.9	5.75	2.9
SR4	12/7/2018 0:41	22.85	75.7	5.44	5.0	SR4	12/7/2018 6:41	22.85	83.3	6.00	4.3	SR4	12/7/2018 12:41	22.80	82.3	5.92	5.2	SR4	12/7/2018 18:41	22.78	79.4	5.71	3.9
SR4	12/7/2018 0:46	22.85	75.9	5.45	2.6	SR4	12/7/2018 6:46	22.84	83.8	6.03	2.1	SR4	12/7/2018 12:46	22.80	80.5	5.79	1.5	SR4	12/7/2018 18:46	22.78	79.8	5.73	4.6
SR4	12/7/2018 0:51	22.85	76.7	5.51	2.4	SR4	12/7/2018 6:51	22.84	83.5	6.01	3.9	SR4	12/7/2018 12:51	22.79	82.2	5.92	1.6	SR4	12/7/2018 18:51	22.78	79.9	5.74	3.4
SR4	12/7/2018 0:56	22.85	75.7	5.44	2.1	SR4	12/7/2018 6:56	22.84	83.4	6.00	1.0	SR4	12/7/2018 12:56	22.80	82.2	5.91	1.6	SR4	12/7/2018 18:56	22.78	78.5	5.64	1.4
SR4	12/7/2018 1:01	22.85	76.1	5.46	2.4	SR4	12/7/2018 7:01	22.84	83.6	6.02	2.9	SR4	12/7/2018 13:01	22.81	80.0	5.76	4.5	SR4	12/7/2018 19:01	22.78	79.6	5.73	2.4
SR4	12/7/2018 1:06	22.85	75.4	5.42	4.5	SR4	12/7/2018 7:06	22.84	83.2	5.99	2.2	SR4	12/7/2018 13:06	22.80	80.1	5.76	1.0	SR4	12/7/2018 19:06	22.77	78.0	5.61	1.2
SR4	12/7/2018 1:11	22.85	75.5	5.42	2.1	SR4	12/7/2018 7:11	22.84	83.0	5.97	4.3	SR4	12/7/2018 13:11	22.78	80.3	5.78	3.8	SR4	12/7/2018 19:11	22.78	78.2	5.62	1.4
SR4	12/7/2018 1:16	22.85	75.6	5.43	2.6	SR4	12/7/2018 7:16	22.83	83.5	6.01	1.9	SR4	12/7/2018 13:16	22.79	79.9	5.75	5.0	SR4	12/7/2018 19:16	22.78	79.3	5.70	3.4
SR4	12/7/2018 1:21	22.85	75.8	5.44	3.6	SR4	12/7/2018 7:21	22.83	83.2	5.99	1.2	SR4	12/7/2018 13:21	22.79	79.6	5.73	4.1	SR4	12/7/2018 19:21	22.78	78.0	5.61	3.0
SR4	12/7/2018 1:26	22.84	78.5	5.64	2.2	SR4	12/7/2018 7:26	22.83	83.2	5.99	1.5	SR4	12/7/2018 13:26	22.79	78.1	5.62	2.1	SR4	12/7/2018 19:26	22.76	76.8	5.52	2.2
SR4	12/7/2018 1:31	22.85	77.4	5.56	1.3	SR4	12/7/2018 7:31	22.83	83.4	6.00	3.3	SR4	12/7/2018 13:31	22.79	78.7	5.67	5.3	SR4	12/7/2018 19:31	22.76	78.3	5.63	1.4
SR4	12/7/2018 1:36	22.84	79.8	5.73	4.8	SR4	12/7/2018 7:36	22.83	83.1	5.98	2.5	SR4	12/7/2018 13:36	22.78	79.2	5.71	1.8	SR4	12/7/2018 19:36	22.78	79.6	5.72	1.8
SR4	12/7/2018 1:41	22.84	80.5	5.78	1.6	SR4	12/7/2018 7:41	22.83	82.8	5.96	4.8	SR4	12/7/2018 13:41	22.79	79.2	5.71	4.1	SR4	12/7/2018 19:41	22.78	79.5	5.71	2.1
SR4	12/7/2018 1:46	22.84	79.7	5.72	1.7	SR4	12/7/2018 7:46	22.83	83.1	5.98	2.8	SR4	12/7/2018 13:46	22.78	79.5	5.73	2.5	SR4	12/7/2018 19:46	22.78	78.6	5.65	1.8
SR4	12/7/2018 1:51	22.84	79.2	5.69	4.0	SR4	12/7/2018 7:51	22.83	83.7	6.03	4.5	SR4	12/7/2018 13:51	22.80	80.2	5.78	4.4	SR4	12/7/2018 19:51	22.78	78.6	5.65	1.6
SR4	12/7/2018 1:56	22.84	78.8	5.65	1.2	SR4	12/7/2018 7:56	22.82	82.8	5.96	3.7	SR4	12/7/2018 13:56	22.81	79.0	5.69	1.3	SR4	12/7/2018 19:56	22.78	78.2	5.62	1.7
SR4	12/7/2018 2:01	22.83	80.6	5.79	5.3	SR4	12/7/2018 8:01	22.83	82.0	5.90	5.3	SR4	12/7/2018 14:01	22.79	81.2	5.85	4.5	SR4	12/7/2018 20:01	22.77	78.3	5.63	1.9
SR4	12/7/2018 2:06	22.82	80.6	5.79	5.0	SR4	12/7/2018 8:06	22.82	81.9	5.89	4.6	SR4	12/7/2018 14:06	22.79	81.4	5.87	4.8	SR4	12/7/2018 20:06	22.77	78.1	5.61	1.4
SR4	12/7/2018 2:11	22.83	80.8	5.80	5.0	SR4	12/7/2018 8:11	22.82	81.0	5.83	5.3	SR4	12/7/2018 14:11	22.77	81.9	5.91	2.3	SR4	12/7/2018 20:11	22.77	78.5	5.64	1.9
SR4	12/7/2018 2:16	22.82	81.8	5.87	4.6	SR4	12/7/2018 8:16	22.82	81.6	5.87	4.2	SR4	12/7/2018 14:16	22.80	82.5	5.95	2.3	SR4	12/7/2018 20:16	22.77	78.8	5.66	1.6
SR4	12/7/2018 2:21	22.82	81.7	5.87	2.1	SR4	12/7/2018 8:21	22.82	81.7	5.87	1.4	SR4	12/7/2018 14:21	22.79	82.0	5.91	5.0	SR4	12/7/2018 20:21	22.77	78.6	5.65	1.8
SR4	12/7/2018 2:26	22.82	81.0	5.81	1.2	SR4	12/7/2018 8:26	22.81	81.3	5.84	1.0	SR4	12/7/2018 14:26	22.79	81.8	5.90	4.7	SR4	12/7/2018 20:26	22.76	79.1	5.68	2.1
SR4	12/7/2018 2:31	22.82	80.6	6.57	1.3	SR4	12/7/2018 8:31	22.81	81.8	5.88	1.2	SR4	12/7/2018 14:31	22.80	82.2	5.93	4.8	SR4	12/7/2018 20:31	22.76	78.5	5.64	1.5
SR4	12/7/2018 2:36	22.82	80.9	5.81	1.3	SR4	12/7/2018 8:36	22.81	81.4	5.85	1.7	SR4	12/7/2018 14:36	22.79	82.2	5.92	5.3	SR4	12/7/2018 20:36	22.76	78.3	5.63	1.4
SR4	12/7/2018 2:41	22.81	80.3	5.77	3.3	SR4	12/7/2018 8:41	22.81	82.3	5.92	2.8	SR4	12/7/2018 14:41	22.80	81.4	5.87	2.5	SR4	12/7/2018 20:41	22.75	77.4	5.56	3.9
SR4	12/7/2018 2:46	22.81	80.2	6.84	2.8	SR4	12/7/2018 8:46	22.81	80.6	5.80	2.8	SR4	12/7/2018 14:46	22.79	81.5	5.88	4.3	SR4	12/7/2018 20:46	22.75	77.5	5.57	1.9
SR4	12/7/2018 2:51	22.66	79.8	6.85	4.5	SR4	12/7/2018 8:51	22.81	80.4	5.78	1.8	SR4	12/7/2018 14:51	22.78	83.0	5.99	1.8	SR4	12/7/2018 20:51	22.76	77.0	5.53	4.1
SR4	12/7/2018 2:56	22.58	88.1	7.58	**28.0**	SR4	12/7/2018 8:56	22.81	80.9	5.82	3.7	SR4	12/7/2018 14:56	22.81	82.8	5.97	5.2	SR4	12/7/2018 20:56	22.76	78.6	5.65	4.0
SR4	12/7/2018 3:01	22.26	99.9	8.65	7.1	SR4	12/7/2018 9:01	22.81	81.5	5.85	1.6	SR4	12/7/2018 15:01	22.82	82.8	5.97	2.6	SR4	12/7/2018 21:01	22.76	78.6	5.64	5.3
SR4	12/7/2018 3:06	22.34	100.0	8.64	**13.3**	SR4	12/7/2018 9:06	22.81	81.1	5.83	1.4	SR4	12/7/2018 15:06	22.82	83.6	6.03	1.3	SR4	12/7/2018 21:06	22.76	78.5	5.64	1.6
SR4	12/7/2018 3:11	22.34	100.0	8.65	1.8	SR4	12/7/2018 9:11	22.81	81.1	5.83	3.6	SR4	12/7/2018 15:11	22.80	83.0	5.99	2.0	SR4	12/7/2018 21:11	22.76	78.1	5.61	1.4
SR4	12/7/2018 3:16	22.35	100.0	8.65	**13.9**	SR4	12/7/2018 9:16	22.81	82.3	5.92	1.5	SR4	12/7/2018 15:16	22.80	82.8	5.97	1.3	SR4	12/7/2018 21:16	22.76	78.7	5.66	1.4
SR4	12/7/2018 3:21	22.21	100.3	8.69	5.1	SR4	12/7/2018 9:21	22.80	81.7	5.88	3.1	SR4	12/7/2018 15:21	22.80	83.3	6.01	2.5	SR4	12/7/2018 21:21	22.76	78.1	5.61	1.1
SR4	12/7/2018 3:26	22.21	100.1	8.68	2.4	SR4	12/7/2018 9:26	22.80	79.3	5.70	1.9	SR4	12/7/2018 15:26	22.80	83.1	6.00	1.4	SR4	12/7/2018 21:26	22.76	78.6	5.65	1.2
SR4	12/7/2018 3:31	22.14	100.0	8.69	5.0	SR4	12/7/2018 9:31	22.81	79.6	5.72	4.6	SR4	12/7/2018 15:31	22.78	84.2	6.08	1.4	SR4	12/7/2018 21:31	22.76	77.3	5.55	3.3
SR4	12/7/2018 3:36	22.23	99.9	8.66	**10.2**	SR4	12/7/2018 9:36	22.81	79.1	5.68	4.4	SR4	12/7/2018 15:36	22.79	83.5	6.02	4.6	SR4	12/7/2018 21:36	22.76	77.4	5.56	1.5
SR4	12/7/2018 3:41	22.75	89.1	7.63	8.6	SR4	12/7/2018 9:41	22.81	80.2	5.77	2.0	SR4	12/7/2018 15:41	22.80	83.0	5.98	5.3	SR4	12/7/2018 21:41	22.76	77.6	5.58	2.9
SR4	12/7/2018 3:46	22.36	97.3	8.40	5.1	SR4	12/7/2018 9:46	22.81	80.2	5.76	3.2	SR4	12/7/2018 15:46	22.79	83.4	6.01	3.4	SR4	12/7/2018 21:46	22.76	77.4	5.56	2.5
SR4	12/7/2018 3:51	21.90	100.0	8.71	4.7	SR4	12/7/2018 9:51	22.81	80.0	5.75	2.7	SR4	12/7/2018 15:51	22.81	83.7	6.03	3.9	SR4	12/7/2018 21:51	22.76	74.8	5.37	4.3
SR4	12/7/2018 3:56	22.06	99.2	8.62	1.8	SR4	12/7/2018 9:56	22.81	80.5	5.78	1.6	SR4	12/7/2018 15:56	22.82	83.3	6.00	3.3	SR4	12/7/2018 21:56	22.76	77.0	5.53	5.0
SR4	12/7/2018 4:01	22.15	100.3	8.70	4.3	SR4	12/7/2018 10:01	22.81	81.2	5.84	**12.5**	SR4	12/7/2018 16:01	22.80	82.6	5.96	2.0	SR4	12/7/2018 22:01	22.71	76.8	5.52	3.4
SR4	12/7/2018 4:06	22.23	100.2	8.68	5.4	SR4	12/7/2018 10:06	22.81	80.6	5.79	1.8	SR4	12/7/2018 16:06	22.80	81.9	5.91	3.6	SR4	12/7/2018 22:06	22.72	78.5	5.65	3.2
SR4	12/7/2018 4:11	22.17	100.0	8.68	**19.0**	SR4	12/7/2018 10:11	22.79	79.9	5.75	2.3	SR4	12/7/2018 16:11	22.82	82.0	5.91	4.1	SR4	12/7/2018 22:11	22.73	78.6	5.65	2.1
SR4	12/7/2018 4:16	22.05	100.2	8.71	1.1	SR4	12/7/2018 10:16	22.81	80.5	5.78	1.2	SR4	12/7/2018 16:16	22.81	82.6	5.95	3.2	SR4	12/7/2018 22:16	22.72	78.0	5.61	1.5
SR4	12/7/2018 4:21	22.08	100.4	8.73	4.7	SR4	12/7/2018 10:21	22.80	80.4	5.76	2.2	SR4	12/7/2018 16:21	22.82	82.5	5.94	1.4	SR4	12/7/2018 22:21	22.71	77.5	5.58	4.3
SR4	12/7/2018 4:26	22.17	100.2	8.69	3.8	SR4						SR4	12/7/2018 16:26	22.81	82.3	5.93	2.7	SR4	12/7/2018 22:26	22.71	77.9	5.60	4.8
SR4	12/7/2018 4:31	22.21	100.2	8.69	2.6	SR4						SR4	12/7/2018 16:31	22.80	82.4	5.94	1.9	SR4	12/7/2018 22:31	22.71	78.2	5.63	1.7
SR4	12/7/2018 4:36	22.53	97.4	8.37	4.9	SR4						SR4	12/7/2018 16:36	22.81	81.6	5.88	4.8	SR4	12/7/2018 22:36	22.71	77.5	5.58	4.3
SR4	12/7/2018 4:41	22.42	88.7	7.66	1.4	SR4						SR4	12/7/2018 16:41	22.81	81.9	5.91	4.1	SR4	12/7/2018 22:41	22.70	77.7	5.59	3.9
SR4	12/7/2018 4:46	22.79	83.4	7.15	4.8	SR4						SR4	12/7/2018 16:46	22.80	81.4	5.87	3.6	SR4	12/7/2018 22:46	22.70	77.8	5.60	2.5
SR4	12/7/2018 4:51	22.83	82.6	7.04	2.1	SR4						SR4	12/7/2018 16:51	22.82	81.6	5.88	2.1	SR4	12/7/2018 22:51	22.70	78.2	5.63	2.5
SR4	12/7/2018 4:56	22.83	83.1	7.07	4.4	SR4						SR4	12/7/2018 16:56	22.79	80.8	5.83	4.8	SR4	12/7/2018 22:56	22.70	78.3	5.64	2.9
SR4	12/7/2018 5:01	22.83	83.1	7.09	2.6	SR4						SR4	12/7/2018 17:01	22.83	82.6	5.95	1.5	SR4	12/7/2018 23:01	22.70	78.7	5.67	2.9
SR4	12/7/2018 5:06	22.84	83.6	6.41	4.9	SR4						SR4	12/7/2018 17:06	22.83	82.8	5.96	3.0	SR4	12/7/2018 23:06	22.70	78.3	5.63	5.3
SR4	12/7/2018 5:11	22.83	83.4	6.01	4.7	SR4						SR4	12/7/2018 17:11	22.81	83.6	6.02	4.9	SR4	12/7/2018 23:11	22.69	77.3	5.57	2.8
SR4	12/7/2018 5:16	22.84	83.7	6.03	3.1	SR4						SR4	12/7/2018 17:16	22.80	81.6	5.87	2.9	SR4	12/7/2018 23:16	22.70	79.1	5.70	4.9
SR4	12/7/2018 5:21	22.84	84.7	6.10	4.4	SR4						SR4	12/7/2018 17:21	22.81	81.7	5.89	1.1	SR4	12/7/2018 23:21	22.69	79.2	5.70	3.3
SR4	12/7/2018 5:26	22.85	85.0	6.12	1.9	SR4						SR4	12/7/2018 17:26	22.80	81.5	5.87	3.8	SR4	12/7/2018 23:26	22.70	77.1	5.55	3.3
SR4	12/7/2018 5:31	22.85	85.3	6.15	4.5	SR4						SR4	12/7/2018 17:31	22.80	80.9	5.83	2.4	SR4	12/7/2018 23:31	22.70	76.8	5.53	2.9
SR4	12/7/2018 5:36	22.85	85.2	6.14	3.6	SR4	12/7/2018 11:36	22.80	82.2	5.92	2.5	SR4	12/7/2018 17:36	22.79	81.4	5.86	2.8	SR4	12/7/2018 23:36	22.70	78.2	5.63	1.4
SR4	12/7/2018 5:41	22.86	86.0	6.20	4.3	SR4	12/7/2018 11:41	22.80	82.5	5.94	1.8	SR4	12/7/2018 17:41	22.79	80.1	5.77	4.7	SR4	12/7/2018 23:41	22.70	79.0	5.69	5.3
SR4	12/7/2018 5:46	22.86	85.6	6.17	5.2	SR4	12/7/2018 11:46	22.80	81.6	5.87	1.5	SR4	12/7/2018 17:46	22.78	80.1	5.77	1.4	SR4	12/7/2018 23:46	22.69	78.7	5.66	4.9
SR4	12/7/2018 5:51	22.86	86.6	6.24	5.2	SR4	12/7/2018 11:51	22.80	81.6	5.88	5.0	SR4	12/7/2018 17:51	22.78	79.8	5.75	1.1	SR4	12/7/2018 23:51	22.69	78.1	5.62	5.3
SR4	12/7/2018 5:56	22.86	86.9	6.26	1.9	SR4	12/7/2018 11:56	22.80	81.7	5.88	3.6	SR4	12/7/2018 17:56	22.79	80.5	5.79	1.0	SR4	12/7/2018 23:56	22.68	78.0	5.61	1.5

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/7/2018 0:00	22.99	90.9	6.46	3.4	SR5	12/7/2018 6:00	22.98	90.1	6.42	3.9	SR5	12/7/2018 12:00	22.98	92.2	6.57	4.4	SR5	12/7/2018 18:00	22.97	92.5	6.59	3.9
SR5	12/7/2018 0:05	23.04	92.4	6.58	2.9	SR5	12/7/2018 6:05	22.96	89.7	6.40	3.9	SR5	12/7/2018 12:05	22.92	91.4	6.51	3.4	SR5	12/7/2018 18:05	22.97	93.2	6.64	2.5
SR5	12/7/2018 0:10	23.04	90.7	6.45	2.1	SR5	12/7/2018 6:10	23.00	91.5	6.51	5.4	SR5	12/7/2018 12:10	22.98	94.3	6.71	2.9	SR5	12/7/2018 18:10	23.00	91.1	6.48	4.1
SR5	12/7/2018 0:15	22.99	92.5	6.58	4.1	SR5	12/7/2018 6:15	22.96	90.3	6.43	3.3	SR5	12/7/2018 12:15	22.94	93.0	6.63	3.8	SR5	12/7/2018 18:15	22.95	90.7	6.46	4.0
SR5	12/7/2018 0:20	22.99	91.5	6.51	3.6	SR5	12/7/2018 6:20	22.97	91.4	6.51	4.2	SR5	12/7/2018 12:20	22.95	93.9	6.69	4.7	SR5	12/7/2018 18:20	22.98	90.6	6.46	2.9
SR5	12/7/2018 0:25	23.03	90.5	6.44	2.9	SR5	12/7/2018 6:25	22.98	90.7	6.46	5.3	SR5	12/7/2018 12:25	22.92	94.4	6.72	2.5	SR5	12/7/2018 18:25	22.98	92.5	6.59	3.8
SR5	12/7/2018 0:30	23.02	91.9	6.54	2.5	SR5	12/7/2018 6:30	22.99	91.1	6.49	4.9	SR5	12/7/2018 12:30	22.93	93.1	6.63	2.3	SR5	12/7/2018 18:30	22.96	90.6	6.45	3.0
SR5	12/7/2018 0:35	23.03	92.7	6.60	2.8	SR5	12/7/2018 6:35	23.00	92.2	6.56	3.2	SR5	12/7/2018 12:35	22.93	93.1	6.63	4.3	SR5	12/7/2018 18:35	22.96	90.5	6.44	2.9
SR5	12/7/2018 0:40	22.99	91.5	6.51	3.2	SR5	12/7/2018 6:40	22.99	90.8	6.47	5.4	SR5	12/7/2018 12:40	22.97	94.3	6.71	4.8	SR5	12/7/2018 18:40	23.00	92.4	6.58	5.0
SR5	12/7/2018 0:45	23.03	91.4	6.50	3.9	SR5	12/7/2018 6:45	23.00	90.5	6.45	3.0	SR5	12/7/2018 12:45	22.99	92.1	6.56	3.4	SR5	12/7/2018 18:45	23.02	92.0	6.54	3.9
SR5	12/7/2018 0:50	23.02	90.7	6.46	3.1	SR5	12/7/2018 6:50	22.98	93.1	6.63	4.2	SR5	12/7/2018 12:50	22.96	93.0	6.62	3.6	SR5	12/7/2018 18:50	22.96	90.5	6.44	5.1
SR5	12/7/2018 0:55	23.03	89.8	6.39	3.5	SR5	12/7/2018 6:55	22.99	91.5	6.52	3.0	SR5	12/7/2018 12:55	22.95	92.3	6.58	4.6	SR5	12/7/2018 18:55	22.97	93.3	6.64	2.5
SR5	12/7/2018 1:00	23.00	91.8	6.53	3.3	SR5	12/7/2018 7:00	22.98	91.1	6.49	3.5	SR5	12/7/2018 13:00	22.93	92.0	6.55	3.4	SR5	12/7/2018 19:00	23.00	92.3	6.57	4.6
SR5	12/7/2018 1:05	23.01	91.0	6.48	4.6	SR5	12/7/2018 7:05	22.97	91.1	6.49	4.2	SR5	12/7/2018 13:05	22.98	92.6	6.59	3.5	SR5	12/7/2018 19:05	22.95	90.1	6.42	3.5
SR5	12/7/2018 1:10	23.03	89.7	6.38	4.2	SR5	12/7/2018 7:10	22.97	92.4	6.58	3.4	SR5	12/7/2018 13:10	22.94	91.2	6.49	4.3	SR5	12/7/2018 19:10	22.96	92.7	6.59	1.9
SR5	12/7/2018 1:15	23.01	92.2	6.56	4.0	SR5	12/7/2018 7:15	23.00	91.3	6.50	2.5	SR5	12/7/2018 13:15	22.95	91.9	6.55	4.1	SR5	12/7/2018 19:15	22.95	91.7	6.53	4.4
SR5	12/7/2018 1:20	23.00	92.3	6.56	2.4	SR5	12/7/2018 7:20	23.03	93.4	6.65	2.1	SR5	12/7/2018 13:20	22.95	92.2	6.57	4.9	SR5	12/7/2018 19:20	22.96	90.6	6.45	4.2
SR5	12/7/2018 1:25	23.03	91.8	6.53	3.2	SR5	12/7/2018 7:25	23.02	92.6	6.60	2.1	SR5	12/7/2018 13:25	22.95	90.9	6.48	1.9	SR5	12/7/2018 19:25	22.96	90.0	6.40	2.2
SR5	12/7/2018 1:30	23.02	91.2	6.49	3.4	SR5	12/7/2018 7:30	22.97	93.2	6.64	3.7	SR5	12/7/2018 13:30	22.93	90.8	6.47	4.3	SR5	12/7/2018 19:30	22.98	92.3	6.57	3.3
SR5	12/7/2018 1:35	23.00	92.4	6.57	2.9	SR5	12/7/2018 7:35	22.99	93.9	6.69	4.8	SR5	12/7/2018 13:35	22.96	90.1	6.42	1.8	SR5	12/7/2018 19:35	22.96	92.0	6.55	1.9
SR5	12/7/2018 1:40	23.02	91.0	6.48	4.1	SR5	12/7/2018 7:40	22.98	93.5	6.66	3.0	SR5	12/7/2018 13:40	22.95	92.3	6.57	2.9	SR5	12/7/2018 19:40	22.98	92.2	6.56	2.1
SR5	12/7/2018 1:45	22.98	90.4	6.44	2.4	SR5	12/7/2018 7:45	22.95	93.4	6.65	2.5	SR5	12/7/2018 13:45	22.93	91.8	6.54	2.9	SR5	12/7/2018 19:45	22.96	90.9	6.47	2.6
SR5	12/7/2018 1:50	23.02	91.3	6.50	3.9	SR5	12/7/2018 7:50	22.99	91.7	6.53	5.0	SR5	12/7/2018 13:50	22.98	92.1	6.56	4.3	SR5	12/7/2018 19:50	23.01	92.3	6.57	3.9
SR5	12/7/2018 1:55	23.03	91.0	6.47	3.4	SR5	12/7/2018 7:55	23.00	93.1	6.63	4.8	SR5	12/7/2018 13:55	22.94	90.4	6.44	2.5	SR5	12/7/2018 19:55	23.01	90.7	6.46	2.7
SR5	12/7/2018 2:00	23.02	91.3	6.50	3.1	SR5	12/7/2018 8:00	23.00	93.7	6.67	3.4	SR5	12/7/2018 14:00	22.99	91.0	6.49	3.0	SR5	12/7/2018 20:00	22.95	90.6	6.45	3.4
SR5	12/7/2018 2:05	23.02	92.6	6.59	4.3	SR5	12/7/2018 8:05	22.99	93.1	6.63	5.3	SR5	12/7/2018 14:05	22.98	93.2	6.64	4.2	SR5	12/7/2018 20:05	22.95	91.5	6.51	3.3
SR5	12/7/2018 2:10	23.01	91.2	6.49	3.8	SR5	12/7/2018 8:10	22.97	93.5	6.65	3.9	SR5	12/7/2018 14:10	22.96	92.3	6.58	2.8	SR5	12/7/2018 20:10	22.96	93.1	6.62	3.5
SR5	12/7/2018 2:15	23.01	93.0	6.62	4.2	SR5	12/7/2018 8:15	22.98	92.0	6.55	4.3	SR5	12/7/2018 14:15	22.96	92.0	6.55	3.0	SR5	12/7/2018 20:15	22.94	91.5	6.51	4.2
SR5	12/7/2018 2:20	22.97	93.7	6.67	3.9	SR5	12/7/2018 8:20	22.97	91.2	6.50	3.7	SR5	12/7/2018 14:20	22.96	91.3	6.51	2.9	SR5	12/7/2018 20:20	23.01	92.4	6.58	2.7
SR5	12/7/2018 2:25	23.00	93.6	6.66	3.9	SR5	12/7/2018 8:25	22.94	91.6	6.52	3.0	SR5	12/7/2018 14:25	22.97	92.2	6.57	2.9	SR5	12/7/2018 20:25	22.96	90.8	6.46	4.7
SR5	12/7/2018 2:30	22.99	91.8	6.73	1.9	SR5	12/7/2018 8:30	22.95	92.7	6.60	3.0	SR5	12/7/2018 14:30	22.98	93.7	6.68	3.4	SR5	12/7/2018 20:30	23.00	91.3	6.49	3.9
SR5	12/7/2018 2:35	22.97	92.4	6.58	3.5	SR5	12/7/2018 8:35	22.98	92.5	6.58	2.6	SR5	12/7/2018 14:35	22.95	93.7	6.67	4.5	SR5	12/7/2018 20:35	22.98	91.5	6.52	4.3
SR5	12/7/2018 2:40	22.99	92.8	6.60	3.4	SR5	12/7/2018 8:40	22.99	93.1	6.63	3.9	SR5	12/7/2018 14:40	22.97	92.9	6.62	2.3	SR5	12/7/2018 20:40	22.93	90.5	6.45	4.5
SR5	12/7/2018 2:45	22.98	92.6	6.86	3.7	SR5	12/7/2018 8:45	22.96	90.8	6.47	4.0	SR5	12/7/2018 14:45	22.97	93.4	6.66	3.3	SR5	12/7/2018 20:45	22.95	91.4	6.51	5.1
SR5	12/7/2018 2:50	22.95	92.2	6.84	3.6	SR5	12/7/2018 8:50	22.98	92.5	6.59	3.2	SR5	12/7/2018 14:50	22.97	91.9	6.55	3.3	SR5	12/7/2018 20:50	22.93	89.9	6.41	3.2
SR5	12/7/2018 2:55	22.91	93.5	6.97	**8.7**	SR5	12/7/2018 8:55	22.95	93.5	6.66	3.4	SR5	12/7/2018 14:55	22.98	94.2	6.71	2.7	SR5	12/7/2018 20:55	22.94	90.7	6.46	4.1
SR5	12/7/2018 3:00	22.88	98.1	7.35	4.0	SR5	12/7/2018 9:00	22.97	92.3	6.57	2.9	SR5	12/7/2018 15:00	22.99	91.3	6.51	3.9	SR5	12/7/2018 21:00	22.98	92.5	6.59	5.2
SR5	12/7/2018 3:05	22.87	96.0	7.20	4.9	SR5	12/7/2018 9:05	23.00	91.0	6.48	4.4	SR5	12/7/2018 15:05	22.99	93.1	6.63	2.3	SR5	12/7/2018 21:05	22.99	91.5	6.52	2.4
SR5	12/7/2018 3:10	22.90	95.6	7.18	3.3	SR5	12/7/2018 9:10	22.96	91.2	6.49	4.3	SR5	12/7/2018 15:10	23.01	93.5	6.66	3.9	SR5	12/7/2018 21:10	22.99	92.2	6.57	4.4
SR5	12/7/2018 3:15	22.91	96.6	7.24	7.0	SR5	12/7/2018 9:15	22.97	92.8	6.61	4.3	SR5	12/7/2018 15:15	22.96	92.5	6.59	3.5	SR5	12/7/2018 21:15	22.94	89.7	6.40	2.6
SR5	12/7/2018 3:20	22.81	97.5	7.31	5.5	SR5	12/7/2018 9:20	22.99	93.2	6.63	2.4	SR5	12/7/2018 15:20	23.00	91.7	6.54	4.3	SR5	12/7/2018 21:20	22.95	90.8	6.47	4.0
SR5	12/7/2018 3:25	22.83	97.5	7.31	3.4	SR5	12/7/2018 9:25	22.94	90.6	6.45	3.5	SR5	12/7/2018 15:25	22.95	93.1	6.64	2.4	SR5	12/7/2018 21:25	22.96	92.2	6.57	5.2
SR5	12/7/2018 3:30	22.80	97.0	7.29	3.2	SR5	12/7/2018 9:30	22.97	92.9	6.61	3.7	SR5	12/7/2018 15:30	22.94	94.2	6.71	1.8	SR5	12/7/2018 21:30	22.95	88.8	6.33	5.0
SR5	12/7/2018 3:35	22.81	95.5	7.18	5.8	SR5	12/7/2018 9:35	22.94	90.6	6.45	4.1	SR5	12/7/2018 15:35	22.95	92.7	6.60	3.8	SR5	12/7/2018 21:35	22.96	89.7	6.39	2.7
SR5	12/7/2018 3:40	22.96	95.5	7.10	5.7	SR5	12/7/2018 9:40	22.99	91.2	6.49	4.1	SR5	12/7/2018 15:40	22.99	93.5	6.66	5.2	SR5	12/7/2018 21:40	22.94	90.7	6.46	4.8
SR5	12/7/2018 3:45	22.84	95.1	7.12	3.4	SR5	12/7/2018 9:45	22.95	93.9	6.68	4.1	SR5	12/7/2018 15:45	22.96	91.6	6.53	3.2	SR5	12/7/2018 21:45	22.95	89.4	6.38	3.8
SR5	12/7/2018 3:50	22.75	95.8	7.20	2.6	SR5	12/7/2018 9:50	22.96	93.6	6.67	3.7	SR5	12/7/2018 15:50	23.00	93.4	6.65	3.8	SR5	12/7/2018 21:50	22.95	90.4	6.44	3.0
SR5	12/7/2018 3:55	22.83	97.9	7.34	2.5	SR5	12/7/2018 9:55	22.99	93.9	6.68	4.3	SR5	12/7/2018 15:55	23.01	93.4	6.65	2.5	SR5	12/7/2018 21:55	22.95	91.3	6.50	5.2
SR5	12/7/2018 4:00	22.79	97.6	7.32	3.1	SR5	12/7/2018 10:00	22.96	93.8	6.67	4.6	SR5	12/7/2018 16:00	22.96	92.7	6.60	3.8	SR5	12/7/2018 22:00	22.95	90.9	6.48	3.7
SR5	12/7/2018 4:05	22.85	97.6	7.32	3.5	SR5	12/7/2018 10:05	22.97	91.8	6.53	4.4	SR5	12/7/2018 16:05	23.01	93.0	6.63	3.2	SR5	12/7/2018 22:05	22.94	90.9	6.48	5.1
SR5	12/7/2018 4:10	22.81	95.4	7.17	6.6	SR5	12/7/2018 10:10	22.99	91.4	6.51	4.2	SR5	12/7/2018 16:10	22.95	92.6	6.60	3.9	SR5	12/7/2018 22:10	22.98	90.5	6.45	4.0
SR5	12/7/2018 4:15	22.80	97.6	7.33	2.8	SR5	12/7/2018 10:15	22.96	92.1	6.55	4.7	SR5	12/7/2018 16:15	23.01	93.2	6.63	**8.1**	SR5	12/7/2018 22:15	22.94	89.6	6.39	4.7
SR5	12/7/2018 4:20	22.78	95.9	7.20	4.3	SR5	12/7/2018 10:20	22.99	93.2	6.63	3.0	SR5	12/7/2018 16:20	22.97	91.9	6.54	6.4	SR5	12/7/2018 22:20	22.94	91.2	6.50	2.8
SR5	12/7/2018 4:25	22.85	96.0	7.21	3.2	SR5	12/7/2018 10:25	23.00	93.3	6.64	1.8	SR5	12/7/2018 16:25	23.01	91.5	6.52	4.2	SR5	12/7/2018 22:25	22.93	90.3	6.43	4.4
SR5	12/7/2018 4:30	22.86	97.7	7.33	2.6	SR5	12/7/2018 10:30	22.97	92.8	6.64	3.8	SR5	12/7/2018 16:30	22.99	94.2	6.71	2.6	SR5	12/7/2018 22:30	22.92	89.5	6.38	2.7
SR5	12/7/2018 4:35	22.94	97.8	7.31	3.4	SR5	12/7/2018 10:35	22.95	91.8	6.54	4.1	SR5	12/7/2018 16:35	22.96	94.0	6.70	3.1	SR5	12/7/2018 22:35	22.91	90.2	6.43	5.9
SR5	12/7/2018 4:40	22.91	94.7	7.06	2.4	SR5	12/7/2018 10:40	22.94	92.5	6.58	2.8	SR5	12/7/2018 16:40	22.96	91.1	6.49	2.7	SR5	12/7/2018 22:40	22.91	89.8	6.41	3.9
SR5	12/7/2018 4:45	22.96	93.0	6.91	3.1	SR5	12/7/2018 10:45	22.99	90.9	6.47	1.8	SR5	12/7/2018 16:45	22.96	92.6	6.59	4.4	SR5	12/7/2018 22:45	22.96	91.3	6.51	2.5
SR5	12/7/2018 4:50	23.00	90.0	6.68	2.9	SR5	12/7/2018 10:50	22.93	91.0	6.48	2.0	SR5	12/7/2018 16:50	23.00	90.9	6.47	1.6	SR5	12/7/2018 22:50	22.93	92.0	6.55	3.6
SR5	12/7/2018 4:55	22.95	91.2	6.77	5.1	SR5	12/7/2018 10:55	22.95	93.1	6.62	1.7	SR5	12/7/2018 16:55	22.97	91.3	6.51	3.4	SR5	12/7/2018 22:55	22.97	91.8	6.54	2.6
SR5	12/7/2018 5:00	22.96	92.3	6.85	4.1	SR5	12/7/2018 11:00	23.00	93.3	6.64	4.5	SR5	12/7/2018 17:00	23.00	93.9	6.68	2.1	SR5	12/7/2018 23:00	22.93	91.0	6.49	3.8
SR5	12/7/2018 5:05	22.99	91.1	6.58	3.5	SR5	12/7/2018 11:05	22.95	91.0	6.48	2.7	SR5	12/7/2018 17:05	22.98	91.7	6.53	2.5	SR5	12/7/2018 23:05	22.92	89.3	6.37	5.8
SR5	12/7/2018 5:10	23.01	91.3	6.51	3.3	SR5	12/7/2018 11:10	23.00	94.0	6.69	3.4	SR5	12/7/2018 17:10	23.02	91.5	6.52	4.4	SR5	12/7/2018 23:10	22.98	92.2	6.57	3.9
SR5	12/7/2018 5:15	22.97	93.4	6.65	2.4	SR5	12/7/2018 11:15	22.93	93.7	6.67	3.3	SR5	12/7/2018 17:15	22.97	93.2	6.64	3.6	SR5	12/7/2018 23:15	22.94	89.8	6.41	5.7
SR5	12/7/2018 5:20	23.02	93.6	6.66	2.8	SR5	12/7/2018 11:20	23.00	93.1	6.63	5.0	SR5	12/7/2018 17:20	23.02	92.3	6.57	4.2	SR5	12/7/2018 23:20	22.95	90.1	6.43	3.5
SR5	12/7/2018 5:25	22.97	91.2	6.50	2.8	SR5	12/7/2018 11:25	22.93	94.2	6.70	3.1	SR5	12/7/2018 17:25	23.02	94.0	6.69	3.4	SR5	12/7/2018 23:25	22.92	90.2	6.43	4.1
SR5	12/7/2018 5:30	22.97	92.7	6.60	3.8	SR5	12/7/2018 11:30	22.96	92.8	6.61	3.5	SR5	12/7/2018 17:30	22.99	92.0	6.55	4.4	SR5	12/7/2018 23:30	22.95	91.2	6.50	3.2
SR5	12/7/2018 5:35	22.99	93.9	6.69	5.0	SR5	12/7/2018 11:35	22.97	91.4	6.51	4.0	SR5	12/7/2018 17:35	22.99	92.0	6.55	2.8	SR5	12/7/2018 23:35	22.94	92.2	6.57	4.1
SR5	12/7/2018 5:40	22.98	91.8	6.55	4.2	SR5	12/7/2018 11:40	22.94	91.4	6.51	2.9	SR5	12/7/2018 17:40	22.99	93.5	6.66	4.7	SR5	12/7/2018 23:40	22.95	89.3	6.37	3.9
SR5	12/7/2018 5:45	23.00	90.8	6.47	3.7	SR5	12/7/2018 11:45	22.99	92.1	6.56	3.3	SR5	12/7/2018 17:45	23.02	92.5	6.59	2.7	SR5	12/7/2018 23:45	22.95	92.1	6.56	5.5
SR5	12/7/2018 5:50	22.96	94.1	6.71	3.7	SR5	12/7/2018 11:50	22.98	92.2	6.57	3.9	SR5	12/7/2018 17:50	22.99	93.8	6.68	2.1	SR5	12/7/2018 23:50	22.94	90.5	6.45	2.7
SR5	12/7/2018 5:55	22.96	90.5	6.45	4.4	SR5	12/7/2018 11:55	22.98	92.6	6.59	2.4	SR5	12/7/2018 17:55	22.96	93.7	6.67	3.4	SR5	12/7/2018 23:55	22.94	90.7	6.47	3.3

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/7/2018 0:01	23.30	76.8	5.56	3.2	SR12	12/7/2018 6:01	23.14	67.2	4.89	6.0	SR12	12/7/2018 12:01	23.12	78.5	5.69	6.4	SR12	12/7/2018 18:01	23.23	77.6	5.62	4.0
SR12	12/7/2018 0:06	23.29	76.7	5.55	4.1	SR12	12/7/2018 6:06	23.15	68.4	4.98	4.7	SR12	12/7/2018 12:06	23.11	78.0	5.66	4.7	SR12	12/7/2018 18:06	23.23	77.1	5.59	3.8
SR12	12/7/2018 0:11	23.28	76.6	5.54	3.2	SR12	12/7/2018 6:11	23.18	68.4	4.97	5.3	SR12	12/7/2018 12:11	23.12	78.2	5.67	4.7	SR12	12/7/2018 18:11	23.24	77.0	5.58	5.7
SR12	12/7/2018 0:16	23.29	76.6	5.55	4.3	SR12	12/7/2018 6:16	23.19	68.4	4.97	4.1	SR12	12/7/2018 12:16	23.11	78.6	5.70	4.5	SR12	12/7/2018 18:16	23.23	77.3	5.60	3.5
SR12	12/7/2018 0:21	23.27	76.9	5.57	3.8	SR12	12/7/2018 6:21	23.19	68.2	4.96	5.4	SR12	12/7/2018 12:21	23.11	78.6	5.70	4.0	SR12	12/7/2018 18:21	23.25	77.3	5.61	4.8
SR12	12/7/2018 0:26	23.28	76.4	5.53	3.8	SR12	12/7/2018 6:26	23.20	69.2	5.03	4.7	SR12	12/7/2018 12:26	23.11	79.2	5.74	4.3	SR12	12/7/2018 18:26	23.23	76.8	5.57	5.5
SR12	12/7/2018 0:31	23.28	77.1	5.58	4.5	SR12	12/7/2018 6:31	23.21	69.4	5.04	5.9	SR12	12/7/2018 12:31	23.11	78.3	5.68	3.9	SR12	12/7/2018 18:31	23.24	76.8	5.56	5.8
SR12	12/7/2018 0:36	23.28	76.3	5.52	3.8	SR12	12/7/2018 6:36	23.24	72.8	5.28	4.5	SR12	12/7/2018 12:36	23.10	78.9	5.72	3.8	SR12	12/7/2018 18:36	23.25	76.9	5.57	5.0
SR12	12/7/2018 0:41	23.28	76.5	5.54	3.1	SR12	12/7/2018 6:41	23.17	70.9	5.15	5.9	SR12	12/7/2018 12:41	23.11	79.1	5.74	4.3	SR12	12/7/2018 18:41	23.25	76.9	5.57	5.5
SR12	12/7/2018 0:46	23.28	76.1	5.51	5.4	SR12	12/7/2018 6:46	23.20	68.6	4.98	3.2	SR12	12/7/2018 12:46	23.13	78.9	5.72	4.5	SR12	12/7/2018 18:46	23.25	77.5	5.61	5.2
SR12	12/7/2018 0:51	23.28	77.3	5.60	3.9	SR12	12/7/2018 6:51	23.24	72.5	5.26	5.0	SR12	12/7/2018 12:51	23.12	79.2	5.74	3.5	SR12	12/7/2018 18:51	23.25	77.6	5.62	5.6
SR12	12/7/2018 0:56	23.29	76.9	5.56	5.1	SR12	12/7/2018 6:56	23.24	74.9	5.43	5.1	SR12	12/7/2018 12:56	23.13	78.6	5.70	5.4	SR12	12/7/2018 18:56	23.26	77.7	5.63	3.7
SR12	12/7/2018 1:01	23.29	76.7	5.56	3.3	SR12	12/7/2018 7:01	23.25	76.0	5.51	5.5	SR12	12/7/2018 13:01	23.15	78.3	5.68	5.8	SR12	12/7/2018 19:01	23.24	77.3	5.60	5.4
SR12	12/7/2018 1:06	23.29	76.7	5.55	4.4	SR12	12/7/2018 7:06	23.26	76.2	5.52	3.0	SR12	12/7/2018 13:06	23.14	78.2	5.67	3.2	SR12	12/7/2018 19:06	23.24	77.8	5.64	2.8
SR12	12/7/2018 1:11	23.29	77.1	5.58	3.1	SR12	12/7/2018 7:11	23.26	76.2	5.52	3.4	SR12	12/7/2018 13:11	23.12	78.0	5.66	3.2	SR12	12/7/2018 19:11	23.25	77.5	5.61	3.4
SR12	12/7/2018 1:16	23.28	76.8	5.56	3.3	SR12	12/7/2018 7:16	23.25	77.0	5.58	4.6	SR12	12/7/2018 13:16	23.13	77.9	5.65	5.0	SR12	12/7/2018 19:16	23.24	77.8	5.64	4.3
SR12	12/7/2018 1:21	23.29	76.7	5.55	3.3	SR12	12/7/2018 7:21	23.26	76.6	5.55	4.5	SR12	12/7/2018 13:21	23.13	77.9	5.65	5.7	SR12	12/7/2018 19:21	23.24	77.5	5.62	4.6
SR12	12/7/2018 1:26	23.29	76.8	5.56	4.7	SR12	12/7/2018 7:26	23.23	77.4	5.61	4.2	SR12						SR12	12/7/2018 19:26	23.24	76.8	5.56	4.6
SR12	12/7/2018 1:31	23.29	76.7	5.56	3.8	SR12	12/7/2018 7:31	23.20	77.7	5.63	5.6	SR12						SR12	12/7/2018 19:31	23.23	76.7	5.56	4.4
SR12	12/7/2018 1:36	23.29	76.6	5.55	4.9	SR12	12/7/2018 7:36	23.20	77.7	5.63	5.0	SR12						SR12	12/7/2018 19:36	23.24	77.1	5.59	4.2
SR12	12/7/2018 1:41	23.28	76.5	5.54	4.4	SR12	12/7/2018 7:41	23.19	77.7	5.64	4.2	SR12						SR12	12/7/2018 19:41	23.24	77.9	5.64	2.4
SR12	12/7/2018 1:46	23.28	75.5	5.47	5.7	SR12	12/7/2018 7:46	23.20	77.2	5.59	3.8	SR12						SR12	12/7/2018 19:46	23.24	76.9	5.57	4.4
SR12	12/7/2018 1:51	23.29	76.2	5.52	5.9	SR12	12/7/2018 7:51	23.19	77.0	5.58	4.1	SR12						SR12	12/7/2018 19:51	23.23	78.1	5.66	3.6
SR12	12/7/2018 1:56	23.26	76.2	5.52	4.2	SR12	12/7/2018 7:56	23.20	77.4	5.61	3.7	SR12						SR12	12/7/2018 19:56	23.22	77.4	5.61	4.1
SR12	12/7/2018 2:01	23.27	77.0	5.58	4.3	SR12	12/7/2018 8:01	23.20	77.7	5.63	6.0	SR12						SR12	12/7/2018 20:01	23.22	77.6	5.63	4.0
SR12	12/7/2018 2:06	23.27	77.5	5.62	2.8	SR12	12/7/2018 8:06	23.20	74.4	5.40	6.3	SR12						SR12	12/7/2018 20:06	23.21	77.7	5.63	5.5
SR12	12/7/2018 2:11	23.27	77.2	5.60	4.2	SR12	12/7/2018 8:11	23.22	77.7	5.63	3.5	SR12						SR12	12/7/2018 20:11	23.21	77.8	5.64	5.7
SR12	12/7/2018 2:16	23.26	77.2	5.60	4.8	SR12	12/7/2018 8:16	23.23	77.3	5.60	5.4	SR12						SR12	12/7/2018 20:16	23.21	77.6	5.62	5.3
SR12	12/7/2018 2:21	23.26	77.4	5.61	6.2	SR12	12/7/2018 8:21	23.19	78.1	5.66	2.7	SR12						SR12	12/7/2018 20:21	23.22	77.0	5.58	3.6
SR12	12/7/2018 2:26	23.25	77.6	5.63	4.6	SR12	12/7/2018 8:26	23.18	78.1	5.66	4.1	SR12						SR12	12/7/2018 20:26	23.21	77.1	5.59	5.3
SR12	12/7/2018 2:31	23.25	77.1	5.59	4.1	SR12	12/7/2018 8:31	23.19	77.4	5.61	5.3	SR12	12/7/2018 14:31	23.17	78.0	5.66	2.9	SR12	12/7/2018 20:31	23.22	77.0	5.58	4.4
SR12	12/7/2018 2:36	23.25	77.4	5.61	4.5	SR12	12/7/2018 8:36	23.18	78.2	5.67	5.6	SR12	12/7/2018 14:36	23.17	77.9	5.65	5.2	SR12	12/7/2018 20:36	23.20	76.5	5.54	4.7
SR12	12/7/2018 2:41	23.25	77.1	5.59	3.4	SR12	12/7/2018 8:41	23.17	78.6	5.70	4.2	SR12	12/7/2018 14:41	23.16	77.8	5.65	3.6	SR12	12/7/2018 20:41	23.19	73.8	5.39	6.0
SR12	12/7/2018 2:46	23.26	77.2	5.60	5.1	SR12	12/7/2018 8:46	23.20	78.2	5.67	5.8	SR12	12/7/2018 14:46	23.18	77.9	5.65	4.5	SR12	12/7/2018 20:46	23.17	74.8	5.46	6.6
SR12	12/7/2018 2:51	23.24	77.8	5.64	4.7	SR12	12/7/2018 8:51	23.20	78.0	5.65	6.1	SR12	12/7/2018 14:51	23.18	78.0	5.66	3.1	SR12	12/7/2018 20:51	23.17	74.9	5.47	6.0
SR12	12/7/2018 2:56	23.24	77.5	5.62	4.3	SR12	12/7/2018 8:56	23.18	78.5	5.69	2.8	SR12	12/7/2018 14:56	23.18	77.1	5.59	3.1	SR12	12/7/2018 20:56	23.16	74.9	5.47	7.9
SR12	12/7/2018 3:01	23.24	77.2	5.59	6.2	SR12	12/7/2018 9:01	23.18	78.3	5.67	3.8	SR12	12/7/2018 15:01	23.19	77.3	5.60	3.5	SR12	12/7/2018 21:01	23.16	74.9	5.47	5.5
SR12	12/7/2018 3:06	23.24	76.7	5.56	3.9	SR12	12/7/2018 9:06	23.17	78.2	5.67	4.8	SR12	12/7/2018 15:06	23.18	77.3	5.61	3.2	SR12	12/7/2018 21:06	23.16	75.1	5.48	3.8
SR12	12/7/2018 3:11	23.25	77.7	5.64	5.9	SR12	12/7/2018 9:11	23.18	77.7	5.63	9.9	SR12	12/7/2018 15:11	23.20	77.7	5.63	4.1	SR12	12/7/2018 21:11	23.19	74.0	5.40	7.2
SR12	12/7/2018 3:16	23.24	77.9	5.65	4.4	SR12	12/7/2018 9:16	23.17	78.2	5.67	5.6	SR12	12/7/2018 15:16	23.20	77.4	5.61	7.7	SR12	12/7/2018 21:16	23.18	73.8	5.39	5.8
SR12	12/7/2018 3:21	23.25	76.8	5.57	5.4	SR12	12/7/2018 9:21	23.20	78.0	5.65	2.8	SR12	12/7/2018 15:21	23.19	77.9	5.65	5.9	SR12	12/7/2018 21:21	23.19	73.8	5.39	4.8
SR12	12/7/2018 3:26	23.26	76.8	5.57	5.0	SR12	12/7/2018 9:26	23.19	78.0	5.66	4.5	SR12	12/7/2018 15:26	23.19	77.5	5.62	4.0	SR12	12/7/2018 21:26	23.15	73.7	5.38	7.7
SR12	12/7/2018 3:31	23.25	77.2	5.60	3.1	SR12	12/7/2018 9:31	23.18	78.2	5.66	5.8	SR12	12/7/2018 15:31	23.19	77.6	5.63	3.6	SR12	12/7/2018 21:31	23.14	73.3	5.35	5.3
SR12	12/7/2018 3:36	23.25	77.7	5.64	4.9	SR12	12/7/2018 9:36	23.17	78.8	5.71	4.5	SR12	12/7/2018 15:36	23.19	77.6	5.62	7.7	SR12	12/7/2018 21:36	23.16	73.4	5.36	3.6
SR12	12/7/2018 3:41	23.24	77.5	5.61	6.2	SR12	12/7/2018 9:41	23.16	78.9	5.72	3.5	SR12	12/7/2018 15:41	23.19	77.2	5.60	6.7	SR12	12/7/2018 21:41	23.14	73.7	5.38	5.7
SR12	12/7/2018 3:46	23.24	77.5	5.62	5.6	SR12	12/7/2018 9:46	23.15	79.3	5.75	4.8	SR12	12/7/2018 15:46	23.20	78.4	5.69	2.6	SR12	12/7/2018 21:46	23.14	75.2	5.49	6.5
SR12	12/7/2018 3:51	23.23	77.5	5.61	2.9	SR12	12/7/2018 9:51	23.15	79.4	5.76	4.2	SR12	12/7/2018 15:51	23.20	78.1	5.66	3.6	SR12	12/7/2018 21:51	23.17	74.3	5.42	4.4
SR12	12/7/2018 3:56	23.23	77.3	5.60	4.0	SR12	12/7/2018 9:56	23.17	79.0	5.72	4.3	SR12	12/7/2018 15:56	23.21	78.0	5.65	3.5	SR12	12/7/2018 21:56	23.15	74.1	5.41	6.5
SR12	12/7/2018 4:01	23.24	76.4	5.54	3.2	SR12	12/7/2018 10:01	23.17	79.5	5.76	3.6	SR12	12/7/2018 16:01	23.20	77.3	5.60	4.3	SR12	12/7/2018 22:01	23.17	75.4	5.50	6.7
SR12	12/7/2018 4:06	23.23	76.9	5.57	4.6	SR12	12/7/2018 10:06	23.17	79.4	5.75	4.5	SR12	12/7/2018 16:06	23.21	77.0	5.58	3.9	SR12	12/7/2018 22:06	23.15	75.6	5.52	6.0
SR12	12/7/2018 4:11	23.25	76.3	5.53	3.9	SR12	12/7/2018 10:11	23.16	79.2	5.74	4.9	SR12	12/7/2018 16:11	23.20	77.4	5.61	3.1	SR12	12/7/2018 22:11	23.14	75.8	5.53	7.8
SR12	12/7/2018 4:16	23.26	77.0	5.58	4.6	SR12	12/7/2018 10:16	23.15	78.3	5.67	5.7	SR12	12/7/2018 16:16	23.20	76.3	5.53	3.7	SR12	12/7/2018 22:16	23.17	75.8	5.53	7.6
SR12	12/7/2018 4:21	23.26	76.9	5.57	5.3	SR12	12/7/2018 10:21	23.15	77.4	5.61	5.8	SR12	12/7/2018 16:21	23.21	76.0	5.51	4.7	SR12	12/7/2018 22:21	23.15	75.5	5.51	4.7
SR12	12/7/2018 4:26	23.25	77.5	5.62	7.1	SR12	12/7/2018 10:26	23.15	77.6	5.63	3.7	SR12	12/7/2018 16:26	23.21	77.2	5.59	6.4	SR12	12/7/2018 22:26	23.15	75.4	5.50	5.9
SR12	12/7/2018 4:31	23.24	77.0	5.58	5.9	SR12	12/7/2018 10:31	23.15	77.5	5.62	4.0	SR12	12/7/2018 16:31	23.22	77.3	5.60	4.1	SR12	12/7/2018 22:31	23.15	74.9	5.47	7.5
SR12	12/7/2018 4:36	23.24	76.8	5.57	4.1	SR12	12/7/2018 10:36	23.15	77.3	5.60	5.3	SR12	12/7/2018 16:36	23.24	77.4	5.61	4.7	SR12	12/7/2018 22:36	23.15	74.7	5.45	7.8
SR12	12/7/2018 4:41	23.25	75.3	5.46	6.0	SR12	12/7/2018 10:41	23.15	77.0	5.58	3.4	SR12	12/7/2018 16:41	23.24	77.3	5.60	3.4	SR12	12/7/2018 22:41	23.15	74.5	5.44	7.5
SR12	12/7/2018 4:46	23.24	74.2	5.38	3.8	SR12	12/7/2018 10:46	23.16	76.6	5.56	2.8	SR12	12/7/2018 16:46	23.23	78.3	5.67	6.3	SR12	12/7/2018 22:46	23.17	74.3	5.42	3.5
SR12	12/7/2018 4:51	23.20	71.6	5.20	4.7	SR12	12/7/2018 10:51	23.15	76.8	5.57	3.4	SR12	12/7/2018 16:51	23.22	76.3	5.53	2.6	SR12	12/7/2018 22:51	23.16	74.7	5.45	4.6
SR12	12/7/2018 4:56	23.20	74.9	5.43	4.6	SR12	12/7/2018 10:56	23.16	77.8	5.64	3.3	SR12	12/7/2018 16:56	23.23	76.5	5.54	3.7	SR12	12/7/2018 22:56	23.15	74.4	5.43	4.5
SR12	12/7/2018 5:01	23.21	76.2	5.53	4.8	SR12	12/7/2018 11:01	23.14	77.0	5.58	4.7	SR12	12/7/2018 17:01	23.24	76.6	5.55	4.1	SR12	12/7/2018 23:01	23.18	73.7	5.38	7.2
SR12	12/7/2018 5:06	23.22	74.6	5.41	4.7	SR12	12/7/2018 11:06	23.16	76.8	5.57	4.1	SR12	12/7/2018 17:06	23.26	78.3	5.67	4.9	SR12	12/7/2018 23:06	23.18	74.5	5.44	7.7
SR12	12/7/2018 5:11	23.19	74.4	5.40	5.3	SR12	12/7/2018 11:11	23.15	76.9	5.57	4.1	SR12	12/7/2018 17:11	23.24	78.0	5.65	5.0	SR12	12/7/2018 23:11	23.19	74.4	5.43	3.9
SR12	12/7/2018 5:16	23.18	73.5	5.34	4.3	SR12	12/7/2018 11:16	23.16	77.1	5.59	3.3	SR12	12/7/2018 17:16	23.25	78.0	5.65	4.4	SR12	12/7/2018 23:16	23.22	73.8	5.39	7.3
SR12	12/7/2018 5:21	23.21	73.6	5.34	4.3	SR12	12/7/2018 11:21	23.18	77.0	5.58	6.3	SR12	12/7/2018 17:21	23.26	78.5	5.69	4.8	SR12	12/7/2018 23:21	23.21	74.1	5.41	7.5
SR12	12/7/2018 5:26	23.20	73.6	5.34	5.1	SR12	12/7/2018 11:26	23.15	78.7	5.70	3.5	SR12	12/7/2018 17:26	23.25	78.6	5.69	4.0	SR12	12/7/2018 23:26	23.20	73.8	5.39	4.1
SR12	12/7/2018 5:31	23.21	74.1	5.37	6.3	SR12	12/7/2018 11:31	23.15	78.4	5.69	2.9	SR12	12/7/2018 17:31	23.24	78.5	5.69	6.4	SR12	12/7/2018 23:31	23.21	73.7	5.38	7.0
SR12	12/7/2018 5:36	23.19	73.2	5.31	6.7	SR12	12/7/2018 11:36	23.14	78.3	5.68	3.9	SR12	12/7/2018 17:36	23.23	79.1	5.73	4.8	SR12	12/7/2018 23:36	23.20	73.3	5.35	7.6
SR12	12/7/2018 5:41	23.17	72.8	5.29	5.6	SR12	12/7/2018 11:41	23.14	78.1	5.66	5.1	SR12	12/7/2018 17:41	23.23	78.3	5.67	5.6	SR12	12/7/2018 23:41	23.21	73.4	5.36	4.0
SR12	12/7/2018 5:46	23.19	73.2	5.31	5.8	SR12	12/7/2018 11:46	23.13	78.7	5.70	3.0	SR12	12/7/2018 17:46	23.25	76.8	5.57	4.0	SR12	12/7/2018 23:46	23.21	73.2	5.34	5.7
SR12	12/7/2018 5:51	23.17	73.1	5.31	2.8	SR12	12/7/2018 11:51	23.12	78.7	5.71	3.3	SR12	12/7/2018 17:51	23.23	78.0	5.65	5.5	SR12	12/7/2018 23:51	23.21	73.3	5.35	3.6
SR12	12/7/2018 5:56	23.09	67.6	4.93	4.1	SR12	12/7/2018 11:56	23.12	78.6	5.70	3.5	SR12	12/7/2018 17:56	23.23	78.2	5.67	5.0	SR12	12/7/2018 23:56	23.20	73.0	5.33	4.1

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/7/2018 0:00	22.69	85.7	6.33	2.7	SR13	12/7/2018 6:00	22.61	85.6	6.32	2.0	SR13	12/7/2018 12:00	22.66	84.0	6.20	2.1	SR13	12/7/2018 18:00	22.67	83.2	6.14	2.6
SR13	12/7/2018 0:05	22.68	85.4	6.31	2.4	SR13	12/7/2018 6:05	22.64	85.6	6.32	2.1	SR13	12/7/2018 12:05	22.68	83.7	6.17	3.3	SR13	12/7/2018 18:05	22.69	83.5	6.16	2.6
SR13	12/7/2018 0:10	22.66	85.0	6.28	2.6	SR13	12/7/2018 6:10	22.62	85.0	6.28	2.4	SR13	12/7/2018 12:10	22.65	84.4	6.22	2.1	SR13	12/7/2018 18:10	22.69	83.4	6.15	2.4
SR13	12/7/2018 0:15	22.68	86.2	6.37	1.6	SR13	12/7/2018 6:15	22.63	85.1	6.28	3.1	SR13	12/7/2018 12:15	22.66	83.5	6.16	2.1	SR13	12/7/2018 18:15	22.68	82.5	6.09	3.3
SR13	12/7/2018 0:20	22.67	84.8	6.26	2.0	SR13	12/7/2018 6:20	22.62	85.5	6.31	3.3	SR13	12/7/2018 12:20	22.66	83.3	6.15	2.5	SR13	12/7/2018 18:20	22.68	82.4	6.08	2.5
SR13	12/7/2018 0:25	22.68	85.0	6.28	2.4	SR13	12/7/2018 6:25	22.63	84.6	6.25	2.9	SR13	12/7/2018 12:25	22.64	83.4	6.16	2.6	SR13	12/7/2018 18:25	22.68	82.3	6.07	3.2
SR13	12/7/2018 0:30	22.67	85.8	6.33	1.7	SR13	12/7/2018 6:30	22.63	84.6	6.25	2.7	SR13	12/7/2018 12:30	22.65	84.5	6.23	2.0	SR13	12/7/2018 18:30	22.69	81.5	6.01	2.4
SR13	12/7/2018 0:35	22.67	86.5	6.38	2.0	SR13	12/7/2018 6:35	22.62	84.9	6.27	2.3	SR13	12/7/2018 12:35	22.65	85.1	6.28	2.2	SR13	12/7/2018 18:35	22.67	82.1	6.06	2.6
SR13	12/7/2018 0:40	22.66	86.1	6.36	1.9	SR13	12/7/2018 6:40	22.60	82.9	6.13	2.6	SR13	12/7/2018 12:40	22.65	85.7	6.33	2.1	SR13	12/7/2018 18:40	22.66	82.6	6.09	2.6
SR13	12/7/2018 0:45	22.64	86.9	6.41	2.0	SR13	12/7/2018 6:45	22.61	82.8	6.12	2.8	SR13	12/7/2018 12:45	22.64	85.2	6.29	3.2	SR13	12/7/2018 18:45	22.67	82.8	6.11	2.5
SR13	12/7/2018 0:50	22.66	87.1	6.43	2.1	SR13	12/7/2018 6:50	22.62	82.6	6.11	2.3	SR13	12/7/2018 12:50	22.63	85.0	6.28	2.6	SR13	12/7/2018 18:50	22.67	82.1	6.06	2.0
SR13	12/7/2018 0:55	22.65	86.9	6.41	1.6	SR13	12/7/2018 6:55	22.64	82.8	6.11	3.0	SR13	12/7/2018 12:55	22.64	85.9	6.34	2.2	SR13	12/7/2018 18:55	22.68	81.8	6.03	3.0
SR13	12/7/2018 1:00	22.64	87.1	6.43	2.5	SR13	12/7/2018 7:00	22.65	82.6	6.10	2.3	SR13	12/7/2018 13:00	22.63	85.4	6.31	2.6	SR13	12/7/2018 19:00	22.66	81.5	6.01	2.6
SR13	12/7/2018 1:05	22.63	86.8	6.41	2.2	SR13	12/7/2018 7:05	22.65	82.8	6.12	2.8	SR13	12/7/2018 13:05	22.63	86.6	6.39	2.6	SR13	12/7/2018 19:05	22.68	81.5	6.02	2.6
SR13	12/7/2018 1:10	22.65	85.9	6.34	1.9	SR13	12/7/2018 7:10	22.65	83.1	6.13	2.9	SR13	12/7/2018 13:10	22.62	86.6	6.39	2.1	SR13	12/7/2018 19:10	22.67	82.6	6.09	2.9
SR13	12/7/2018 1:15	22.65	86.8	6.40	2.1	SR13	12/7/2018 7:15	22.65	83.0	6.13	3.1	SR13	12/7/2018 13:15	22.62	86.2	6.37	2.0	SR13	12/7/2018 19:15	22.67	82.1	6.06	2.7
SR13	12/7/2018 1:20	22.65	86.5	6.39	2.0	SR13	12/7/2018 7:20	22.65	84.3	6.22	2.3	SR13	12/7/2018 13:20	22.62	85.7	6.33	2.6	SR13	12/7/2018 19:20	22.68	82.0	6.06	2.5
SR13	12/7/2018 1:25	22.64	86.6	6.40	2.0	SR13	12/7/2018 7:25	22.63	83.1	6.14	3.2	SR13	12/7/2018 13:25	22.62	86.3	6.37	2.5	SR13	12/7/2018 19:25	22.69	82.5	6.09	3.2
SR13	12/7/2018 1:30	22.65	86.4	6.38	2.8	SR13	12/7/2018 7:30	22.64	82.4	6.09	2.0	SR13	12/7/2018 13:30	22.63	85.9	6.34	2.2	SR13	12/7/2018 19:30	22.69	82.6	6.09	2.8
SR13	12/7/2018 1:35	22.65	86.3	6.38	2.2	SR13	12/7/2018 7:35	22.64	83.5	6.16	2.7	SR13	12/7/2018 13:35	22.62	86.4	6.38	2.2	SR13	12/7/2018 19:35	22.67	82.7	6.10	3.3
SR13	12/7/2018 1:40	22.66	86.3	6.38	2.4	SR13	12/7/2018 7:40	22.65	83.8	6.18	2.4	SR13	12/7/2018 13:40	22.62	85.9	6.35	2.7	SR13	12/7/2018 19:40	22.68	83.3	6.14	2.2
SR13	12/7/2018 1:45	22.65	86.4	6.38	2.1	SR13	12/7/2018 7:45	22.64	83.4	6.15	2.8	SR13	12/7/2018 13:45	22.63	84.6	6.25	2.8	SR13	12/7/2018 19:45	22.68	83.0	6.13	3.1
SR13	12/7/2018 1:50	22.65	86.0	6.35	2.6	SR13	12/7/2018 7:50	22.65	83.5	6.16	2.2	SR13	12/7/2018 13:50	22.63	84.3	6.22	2.3	SR13	12/7/2018 19:50	22.67	82.7	6.10	2.1
SR13	12/7/2018 1:55	22.65	86.8	6.41	2.1	SR13	12/7/2018 7:55	22.65	83.7	6.17	2.0	SR13	12/7/2018 13:55	22.61	84.4	6.23	2.4	SR13	12/7/2018 19:55	22.67	83.5	6.15	1.8
SR13	12/7/2018 2:00	22.65	87.2	6.44	2.1	SR13	12/7/2018 8:00	22.65	83.6	6.16	2.0	SR13	12/7/2018 14:00	22.62	84.5	6.24	2.7	SR13	12/7/2018 20:00	22.67	83.0	6.12	2.7
SR13	12/7/2018 2:05	22.65	86.7	6.40	1.6	SR13	12/7/2018 8:05	22.66	83.8	6.18	2.0	SR13	12/7/2018 14:05	22.62	85.0	6.27	3.0	SR13	12/7/2018 20:05	22.67	82.7	6.11	2.5
SR13	12/7/2018 2:10	22.66	86.8	6.41	2.3	SR13	12/7/2018 8:10	22.66	83.9	6.19	1.9	SR13	12/7/2018 14:10	22.62	84.6	6.25	1.5	SR13	12/7/2018 20:10	22.67	82.2	6.07	2.3
SR13	12/7/2018 2:15	22.66	86.3	6.38	2.2	SR13	12/7/2018 8:15	22.64	84.1	6.20	2.6	SR13	12/7/2018 14:15	22.62	84.1	6.22	2.8	SR13	12/7/2018 20:15	22.67	82.6	6.10	2.4
SR13	12/7/2018 2:20	22.65	86.6	6.40	2.4	SR13	12/7/2018 8:20	22.64	84.2	6.21	2.7	SR13	12/7/2018 14:20	22.63	83.5	6.17	1.8	SR13	12/7/2018 20:20	22.67	82.4	6.07	2.3
SR13	12/7/2018 2:25	22.65	86.4	6.38	2.6	SR13	12/7/2018 8:25	22.69	84.1	6.20	2.1	SR13	12/7/2018 14:25	22.63	83.8	6.18	2.5	SR13	12/7/2018 20:25	22.67	83.0	6.12	1.7
SR13	12/7/2018 2:30	22.64	85.7	6.33	2.5	SR13	12/7/2018 8:30	22.70	84.3	6.21	1.9	SR13	12/7/2018 14:30	22.62	84.2	6.22	2.0	SR13	12/7/2018 20:30	22.67	82.3	6.07	2.4
SR13	12/7/2018 2:35	22.66	86.0	6.35	2.9	SR13	12/7/2018 8:35	22.72	83.7	6.18	2.6	SR13	12/7/2018 14:35	22.64	84.2	6.21	2.3	SR13	12/7/2018 20:35	22.68	83.0	6.13	2.4
SR13	12/7/2018 2:40	22.65	86.1	6.36	2.3	SR13	12/7/2018 8:40	22.72	85.2	6.28	3.3	SR13	12/7/2018 14:40	22.63	84.0	6.20	2.5	SR13	12/7/2018 20:40	22.67	82.2	6.06	2.4
SR13	12/7/2018 2:45	22.65	86.1	6.36	2.2	SR13	12/7/2018 8:45	22.74	85.5	6.31	2.7	SR13	12/7/2018 14:45	22.64	84.6	6.25	1.9	SR13	12/7/2018 20:45	22.66	82.2	6.07	2.4
SR13	12/7/2018 2:50	22.65	87.0	6.43	2.0	SR13	12/7/2018 8:50	22.73	84.6	6.25	3.0	SR13	12/7/2018 14:50	22.64	84.8	6.26	2.4	SR13	12/7/2018 20:50	22.65	82.1	6.05	2.8
SR13	12/7/2018 2:55	22.65	86.1	6.36	2.3	SR13	12/7/2018 8:55	22.74	85.3	6.29	3.3	SR13	12/7/2018 14:55	22.63	84.4	6.23	2.0	SR13	12/7/2018 20:55	22.65	82.6	6.09	2.9
SR13	12/7/2018 3:00	22.65	86.9	6.41	2.5	SR13	12/7/2018 9:00	22.74	84.5	6.23	2.7	SR13	12/7/2018 15:00	22.64	84.5	6.24	2.1	SR13	12/7/2018 21:00	22.66	82.1	6.06	3.1
SR13	12/7/2018 3:05	22.63	86.9	6.41	2.6	SR13	12/7/2018 9:05	22.73	84.9	6.27	1.9	SR13	12/7/2018 15:05	22.63	83.7	6.18	2.6	SR13	12/7/2018 21:05	22.67	83.2	6.14	2.0
SR13	12/7/2018 3:10	22.64	86.9	6.42	2.5	SR13	12/7/2018 9:10	22.73	84.9	6.26	2.1	SR13	12/7/2018 15:10	22.64	84.1	6.20	2.3	SR13	12/7/2018 21:10	22.66	82.7	6.11	3.1
SR13	12/7/2018 3:15	22.63	86.3	6.41	1.8	SR13	12/7/2018 9:15	22.73	85.0	6.27	2.4	SR13	12/7/2018 15:15	22.66	84.7	6.25	2.1	SR13	12/7/2018 21:15	22.67	82.5	6.08	2.5
SR13	12/7/2018 3:20	22.63	86.4	6.38	2.3	SR13	12/7/2018 9:20	22.73	85.3	6.30	2.1	SR13	12/7/2018 15:20	22.64	85.4	6.30	2.9	SR13	12/7/2018 21:20	22.66	82.5	6.09	2.8
SR13	12/7/2018 3:25	22.63	86.5	6.38	1.9	SR13	12/7/2018 9:25	22.73	84.9	6.26	2.3	SR13	12/7/2018 15:25	22.64	85.0	6.28	2.1	SR13	12/7/2018 21:25	22.64	82.0	6.07	3.2
SR13	12/7/2018 3:30	22.64	86.2	6.43	2.5	SR13	12/7/2018 9:30	22.73	83.7	6.18	2.8	SR13						SR13	12/7/2018 21:30	22.64	82.7	6.11	3.3
SR13	12/7/2018 3:35	22.63	86.2	6.43	2.4	SR13	12/7/2018 9:35	22.73	83.6	6.16	2.4	SR13						SR13	12/7/2018 21:35	22.63	81.2	6.00	2.7
SR13	12/7/2018 3:40	22.62	86.4	6.46	3.6	SR13	12/7/2018 9:40	22.72	84.2	6.21	1.9	SR13						SR13	12/7/2018 21:40	22.63	80.5	5.95	3.1
SR13	12/7/2018 3:45	22.61	87.7	6.56	2.9	SR13	12/7/2018 9:45	22.72	83.9	6.19	1.8	SR13						SR13	12/7/2018 21:45	22.64	79.2	5.85	3.3
SR13	12/7/2018 3:50	22.61	87.4	6.53	2.6	SR13	12/7/2018 9:50	22.72	83.0	6.12	2.6	SR13						SR13	12/7/2018 21:50	22.65	79.0	5.83	2.0
SR13	12/7/2018 3:55	22.63	87.6	6.56	2.4	SR13	12/7/2018 9:55	22.68	83.1	6.12	3.9	SR13	12/7/2018 15:55	22.66	85.7	6.33	2.5	SR13	12/7/2018 21:55	22.66	78.9	5.83	3.1
SR13	12/7/2018 4:00	22.62	87.8	6.57	3.1	SR13	12/7/2018 10:00	22.69	83.5	6.16	2.8	SR13	12/7/2018 16:00	22.65	84.8	6.26	3.4	SR13	12/7/2018 22:00	22.64	79.7	5.90	2.3
SR13	12/7/2018 4:05	22.60	87.7	6.56	2.9	SR13	12/7/2018 10:05	22.71	84.3	6.22	1.6	SR13	12/7/2018 16:05	22.66	84.6	6.25	3.2	SR13	12/7/2018 22:05	22.65	83.8	6.20	2.4
SR13	12/7/2018 4:10	22.61	87.6	6.55	2.5	SR13	12/7/2018 10:10	22.69	83.6	6.17	2.4	SR13	12/7/2018 16:10	22.64	85.4	6.31	1.8	SR13	12/7/2018 22:10	22.64	85.1	6.30	3.6
SR13	12/7/2018 4:15	22.60	87.6	6.56	1.9	SR13	12/7/2018 10:15	22.69	84.6	6.24	2.9	SR13	12/7/2018 16:15	22.64	85.5	6.31	1.9	SR13	12/7/2018 22:15	22.64	84.3	6.24	2.9
SR13	12/7/2018 4:20	22.60	88.2	6.60	3.1	SR13	12/7/2018 10:20	22.67	85.2	6.29	2.6	SR13	12/7/2018 16:20	22.64	84.8	6.26	3.5	SR13	12/7/2018 22:20	22.63	84.3	6.24	1.9
SR13	12/7/2018 4:25	22.63	88.0	6.57	3.4	SR13	12/7/2018 10:25	22.68	86.0	6.35	2.0	SR13	12/7/2018 16:25	22.65	84.7	6.25	3.6	SR13	12/7/2018 22:25	22.61	85.1	6.30	2.8
SR13	12/7/2018 4:30	22.60	87.8	6.57	2.6	SR13	12/7/2018 10:30	22.67	86.4	6.38	2.7	SR13	12/7/2018 16:30	22.65	84.1	6.21	2.2	SR13	12/7/2018 22:30	22.61	84.8	6.28	2.9
SR13	12/7/2018 4:35	22.58	87.5	6.55	1.7	SR13	12/7/2018 10:35	22.67	86.3	6.37	2.3	SR13	12/7/2018 16:35	22.66	84.6	6.25	2.5	SR13	12/7/2018 22:35	22.62	85.1	6.30	2.2
SR13	12/7/2018 4:40	22.60	87.7	6.56	2.1	SR13	12/7/2018 10:40	22.68	85.9	6.34	2.3	SR13	12/7/2018 16:40	22.67	84.3	6.22	2.2	SR13	12/7/2018 22:40	22.61	85.1	6.30	3.3
SR13	12/7/2018 4:45	22.59	87.8	6.57	2.0	SR13	12/7/2018 10:45	22.68	86.2	6.36	2.4	SR13	12/7/2018 16:45	22.65	83.8	6.18	2.5	SR13	12/7/2018 22:45	22.62	84.5	6.25	2.9
SR13	12/7/2018 4:50	22.60	88.1	6.59	2.3	SR13	12/7/2018 10:50	22.67	85.5	6.30	2.6	SR13	12/7/2018 16:50	22.66	83.6	6.17	2.5	SR13	12/7/2018 22:50	22.61	82.1	6.07	3.3
SR13	12/7/2018 4:55	22.59	87.4	6.54	3.1	SR13	12/7/2018 10:55	22.68	84.7	6.25	2.9	SR13	12/7/2018 16:55	22.66	83.8	6.19	2.3	SR13	12/7/2018 22:55	22.62	83.7	6.19	3.4
SR13	12/7/2018 5:00	22.60	88.2	6.60	2.3	SR13	12/7/2018 11:00	22.67	84.6	6.24	3.1	SR13	12/7/2018 17:00	22.67	83.0	6.12	3.6	SR13	12/7/2018 23:00	22.61	84.6	6.26	3.3
SR13	12/7/2018 5:05	22.59	87.9	6.58	2.8	SR13	12/7/2018 11:05	22.67	84.4	6.23	2.7	SR13	12/7/2018 17:05	22.66	83.3	6.15	3.3	SR13	12/7/2018 23:05	22.61	83.7	6.20	2.2
SR13	12/7/2018 5:10	22.60	87.6	6.56	2.8	SR13	12/7/2018 11:10	22.68	84.9	6.26	1.9	SR13	12/7/2018 17:10	22.67	83.7	6.18	2.9	SR13	12/7/2018 23:10	22.60	82.8	6.13	3.1
SR13	12/7/2018 5:15	22.61	87.7	6.56	2.5	SR13	12/7/2018 11:15	22.67	84.8	6.26	2.5	SR13	12/7/2018 17:15	22.67	83.5	6.16	2.3	SR13	12/7/2018 23:15	22.60	83.2	6.16	3.0
SR13	12/7/2018 5:20	22.63	87.9	6.57	2.2	SR13	12/7/2018 11:20	22.67	84.5	6.23	2.7	SR13	12/7/2018 17:20	22.66	83.1	6.13	2.6	SR13	12/7/2018 23:20	22.60	83.5	6.18	3.8
SR13	12/7/2018 5:25	22.62	86.4	6.45	2.6	SR13	12/7/2018 11:25	22.68	84.9	6.26	1.9	SR13	12/7/2018 17:25	22.66	82.5	6.09	1.7	SR13	12/7/2018 23:25	22.60	84.1	6.24	3.1
SR13	12/7/2018 5:30	22.63	85.4	6.37	2.1	SR13	12/7/2018 11:30	22.69	83.9	6.20	1.8	SR13	12/7/2018 17:30	22.67	83.4	6.16	3.2	SR13	12/7/2018 23:30	22.62	85.7	6.36	1.6
SR13	12/7/2018 5:35	22.63	84.4	6.30	2.3	SR13	12/7/2018 11:35	22.68	84.0	6.20	1.7	SR13	12/7/2018 17:35	22.67	83.1	6.14	1.2	SR13	12/7/2018 23:35	22.61	86.5	6.40	2.2
SR13	12/7/2018 5:40	22.62	84.9	6.33	3.0	SR13	12/7/2018 11:40	22.69	84.2	6.21	1.8	SR13	12/7/2018 17:40	22.66	83.3	6.15	2.4	SR13	12/7/2018 23:40	22.62	86.6	6.42	2.0
SR13	12/7/2018 5:45	22.62	85.5	6.38	2.5	SR13	12/7/2018 11:45	22.69	83.6	6.17	2.8	SR13	12/7/2018 17:45	22.68	83.7	6.18	2.1	SR13	12/7/2018 23:45	22.61	85.9	6.37	2.9
SR13	12/7/2018 5:50	22.63	85.0	6.30	2.5	SR13	12/7/2018 11:50	22.68	83.4	6.16	2.2	SR13	12/7/2018 17:50	22.68	83.6	6.17	2.3	SR13	12/7/2018 23:50	22.61	83.2	6.17	3.8
SR13	12/7/2018 5:55	22.62	85.5	6.32	2.4	SR13	12/7/2018 11:55	22.68	84.2	6.21	2.3	SR13	12/7/2018 17:55	22.68	83.1	6.13	2.9	SR13	12/7/2018 23:55	22.63	85.8	6.35	2.1

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	12/7/2018 0:17	0.01				SR12	12/7/2018 0:17	0.02			
SR4	12/7/2018 0:37	0.01				SR12	12/7/2018 0:37	0.02			
SR4	12/7/2018 0:57	0.01				SR12	12/7/2018 0:57	0.01			
SR4	12/7/2018 1:17	0.01				SR12	12/7/2018 1:17	0.01			
SR4	12/7/2018 1:37	0.01				SR12	12/7/2018 1:37	0.01			
SR4	12/7/2018 1:57	0.01				SR12	12/7/2018 1:57	0.02			
SR4	12/7/2018 2:17	0.01				SR12	12/7/2018 2:17	0.02			
SR4	12/7/2018 2:37	0.01				SR12	12/7/2018 2:37	0.01			
SR4	12/7/2018 2:57	0.01				SR12	12/7/2018 2:57	0.02			
SR4	12/7/2018 3:17	0.01				SR12	12/7/2018 3:17	0.02			
SR4	12/7/2018 3:37	0.01				SR12	12/7/2018 3:37	0.03			
SR4	12/7/2018 3:57	0.01				SR12	12/7/2018 3:57	0.02			
SR4	12/7/2018 4:17	0.01				SR12	12/7/2018 4:17	0.01			
SR4	12/7/2018 4:37	0.01				SR12	12/7/2018 4:37	0.01			
SR4	12/7/2018 4:57	0.01				SR12	12/7/2018 4:57	0.03			
SR4	12/7/2018 5:17	0.01				SR12	12/7/2018 5:17	0.03			
SR4	12/7/2018 5:37	0.01				SR12	12/7/2018 5:37	0.03			
SR4	12/7/2018 5:57	0.01				SR12	12/7/2018 5:57	0.01			
SR4						SR12					
SR4	12/7/2018 6:37	0.01				SR12	12/7/2018 6:37	0.01			
SR4	12/7/2018 6:57	0.01				SR12	12/7/2018 6:57	0.01			
SR4	12/7/2018 7:17	0.01				SR12	12/7/2018 7:17	0.01			
SR4	12/7/2018 7:37	0.01				SR12	12/7/2018 7:37	0.03			
SR4	12/7/2018 7:57	0.01				SR12	12/7/2018 7:57	0.01			
SR4	12/7/2018 8:17	0.01				SR12	12/7/2018 8:17	0.01			
SR4	12/7/2018 8:37	0.01				SR12	12/7/2018 8:37	0.01			
SR4	12/7/2018 8:57	0.01				SR12	12/7/2018 8:57	0.01			
SR4	12/7/2018 9:17	0.01				SR12	12/7/2018 9:17	0.01			
SR4	12/7/2018 9:37	0.01				SR12	12/7/2018 9:37	0.01			
SR4	12/7/2018 9:57	0.01				SR12	12/7/2018 9:57	0.03			
SR4	12/7/2018 10:17	0.01				SR12	12/7/2018 10:17	0.01			
SR4						SR12	12/7/2018 10:37	0.01			
SR4						SR12	12/7/2018 10:57	0.04			
SR4						SR12	12/7/2018 11:17	0.02			
SR4						SR12	12/7/2018 11:37	0.01			
SR4	12/7/2018 11:57	0.01				SR12	12/7/2018 11:57	0.01			
SR4	12/7/2018 12:17	0.01				SR12	12/7/2018 12:17	0.04			
SR4	12/7/2018 12:37	0.01				SR12	12/7/2018 12:37	0.05			
SR4	12/7/2018 12:57	0.01				SR12	12/7/2018 12:57	0.02			
SR4	12/7/2018 13:17	0.01				SR12	12/7/2018 13:17	0.06			
SR4	12/7/2018 13:37	0.01				SR12					
SR4	12/7/2018 13:57	0.01				SR12					
SR4	12/7/2018 14:17	0.01				SR12					
SR4	12/7/2018 14:37	0.01				SR12					
SR4	12/7/2018 14:57	0.02				SR12	12/7/2018 14:57	0.06			
SR4	12/7/2018 15:17	0.02				SR12	12/7/2018 15:17	0.03			
SR4	12/7/2018 15:37	0.03				SR12	12/7/2018 15:37	0.01			
SR4	12/7/2018 15:57	0.03				SR12	12/7/2018 15:57	0.05			
SR4	12/7/2018 16:17	0.03				SR12	12/7/2018 16:17	0.04			
SR4	12/7/2018 16:37	0.03				SR12	12/7/2018 16:37	0.04			
SR4	12/7/2018 16:57	0.04				SR12	12/7/2018 16:57	0.01			
SR4	12/7/2018 17:17	0.04				SR12	12/7/2018 17:17	0.05			
SR4	12/7/2018 17:37	0.04				SR12	12/7/2018 17:37	0.05			
SR4	12/7/2018 17:57	0.04				SR12	12/7/2018 17:57	0.06			
SR4	12/7/2018 18:17	0.04				SR12	12/7/2018 18:17	0.05			
SR4	12/7/2018 18:37	0.04				SR12	12/7/2018 18:37	0.09			
SR4	12/7/2018 18:57	0.04				SR12	12/7/2018 18:57	0.12			
SR4	12/7/2018 19:17	0.03				SR12	12/7/2018 19:17	0.05			
SR4	12/7/2018 19:37	0.03				SR12	12/7/2018 19:37	0.04			
SR4	12/7/2018 19:57	0.03				SR12	12/7/2018 19:57	0.03			
SR4	12/7/2018 20:17	0.03				SR12	12/7/2018 20:17	0.01			
SR4	12/7/2018 20:37	0.03				SR12	12/7/2018 20:37	0.01			
SR4	12/7/2018 20:57	0.03				SR12	12/7/2018 20:57	0.03			
SR4	12/7/2018 21:17	0.05				SR12	12/7/2018 21:17	0.01			
SR4	12/7/2018 21:37	0.03				SR12	12/7/2018 21:37	0.01			
SR4	12/7/2018 21:57	0.04				SR12	12/7/2018 21:57	0.02			
SR4	12/7/2018 22:17	0.05				SR12	12/7/2018 22:17	0.02			
SR4	12/7/2018 22:37	0.11				SR12	12/7/2018 22:37	0.01			
SR4	12/7/2018 22:57	0.10				SR12	12/7/2018 22:57	0.01			
SR4	12/7/2018 23:17	0.07				SR12	12/7/2018 23:17	0.01			
SR4	12/7/2018 23:37	0.04				SR12	12/7/2018 23:37	0.01			
SR4	12/7/2018 23:57	0.02				SR12	12/7/2018 23:57	0.01			

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 13:21-14:31.
SR13 monitoring station was under maintenance during 15:25-15:55.

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/8/2018 0:01	22.68	77.9	5.61	4.2	SR4	12/8/2018 6:01	22.61	84.1	6.05	4.0	SR4	12/8/2018 12:01	22.63	81.7	5.88	3.1	SR4	12/8/2018 18:01	22.58	79.5	5.73	1.3
SR4	12/8/2018 0:06	22.68	77.4	5.57	2.6	SR4	12/8/2018 6:06	22.62	84.6	6.09	1.5	SR4	12/8/2018 12:06	22.61	80.0	5.76	1.6	SR4	12/8/2018 18:06	22.57	77.5	5.59	4.7
SR4	12/8/2018 0:11	22.67	77.4	5.57	4.3	SR4	12/8/2018 6:11	22.61	84.6	6.09	4.7	SR4	12/8/2018 12:11	22.61	80.0	5.75	1.1	SR4	12/8/2018 18:11	22.54	78.4	5.65	1.3
SR4	12/8/2018 0:16	22.70	77.0	5.54	2.1	SR4	12/8/2018 6:16	22.60	84.4	6.07	1.9	SR4	12/8/2018 12:16	22.62	80.9	5.83	1.8	SR4	12/8/2018 18:16	22.55	79.1	5.70	1.1
SR4	12/8/2018 0:21	22.72	78.1	5.62	2.6	SR4	12/8/2018 6:21	22.57	82.8	5.96	4.6	SR4	12/8/2018 12:21	22.62	78.9	5.68	1.0	SR4	12/8/2018 18:21	22.55	78.5	5.66	2.2
SR4	12/8/2018 0:26	22.72	78.3	5.63	5.2	SR4	12/8/2018 6:26	22.58	80.9	5.83	3.7	SR4	12/8/2018 12:26	22.62	78.2	5.63	2.9	SR4	12/8/2018 18:26	22.53	78.1	5.63	1.6
SR4	12/8/2018 0:31	22.71	78.0	5.61	3.6	SR4	12/8/2018 6:31	22.56	81.2	5.85	2.6	SR4	12/8/2018 12:31	22.63	79.9	5.75	5.2	SR4	12/8/2018 18:31	22.54	79.2	5.71	1.6
SR4	12/8/2018 0:36	22.69	77.3	5.57	4.4	SR4	12/8/2018 6:36	22.58	81.0	5.83	2.9	SR4	12/8/2018 12:36	22.63	80.8	5.81	2.7	SR4	12/8/2018 18:36	22.54	79.2	5.71	1.2
SR4	12/8/2018 0:41	22.69	77.3	5.56	4.6	SR4	12/8/2018 6:41	22.57	80.8	5.82	4.3	SR4	12/8/2018 12:41	22.63	80.9	5.82	2.1	SR4	12/8/2018 18:41	22.52	78.4	5.65	2.0
SR4	12/8/2018 0:46	22.70	75.1	5.40	5.3	SR4	12/8/2018 6:46	22.55	80.5	5.80	2.6	SR4	12/8/2018 12:46	22.65	81.2	5.84	2.4	SR4	12/8/2018 18:46	22.55	78.5	5.66	4.7
SR4	12/8/2018 0:51	22.69	73.5	5.29	1.4	SR4	12/8/2018 6:51	22.56	79.5	5.73	1.4	SR4	12/8/2018 12:51	22.65	82.3	5.92	5.4	SR4	12/8/2018 18:51	22.55	78.1	5.63	3.7
SR4	12/8/2018 0:56	22.62	67.7	4.89	3.8	SR4	12/8/2018 6:56	22.56	80.6	5.81	2.4	SR4	12/8/2018 12:56	22.63	79.0	5.68	1.5	SR4	12/8/2018 18:56	22.53	78.5	5.65	1.8
SR4	12/8/2018 1:01	22.65	73.5	5.30	2.7	SR4	12/8/2018 7:01	22.58	82.2	5.92	2.1	SR4	12/8/2018 13:01	22.65	79.5	5.72	1.6	SR4	12/8/2018 19:01	22.55	79.6	5.73	3.4
SR4	12/8/2018 1:06	22.66	76.2	5.49	4.4	SR4	12/8/2018 7:06	22.54	80.8	5.82	4.1	SR4	12/8/2018 13:06	22.65	78.6	5.66	1.8	SR4	12/8/2018 19:06	22.55	78.9	5.68	1.8
SR4	12/8/2018 1:11	22.66	73.5	5.30	1.5	SR4	12/8/2018 7:11	22.57	81.1	5.84	2.3	SR4	12/8/2018 13:11	22.66	81.6	5.87	2.1	SR4	12/8/2018 19:11	22.55	79.2	5.71	2.5
SR4	12/8/2018 1:16	22.62	72.9	5.26	3.6	SR4	12/8/2018 7:16	22.57	80.7	5.81	4.1	SR4	12/8/2018 13:16	22.66	80.6	5.79	4.5	SR4	12/8/2018 19:16	22.54	78.6	5.66	1.5
SR4	12/8/2018 1:21	22.59	71.6	5.17	5.1	SR4	12/8/2018 7:21	22.59	80.7	5.81	1.1	SR4	12/8/2018 13:21	22.66	81.2	5.84	4.7	SR4	12/8/2018 19:21	22.53	78.3	5.64	1.5
SR4	12/8/2018 1:26	22.64	72.4	5.22	1.9	SR4	12/8/2018 7:26	22.59	80.6	5.80	4.7	SR4	12/8/2018 13:26	22.67	82.5	5.93	4.8	SR4	12/8/2018 19:26	22.54	79.4	5.72	2.8
SR4	12/8/2018 1:31	22.61	73.0	5.27	2.4	SR4	12/8/2018 7:31	22.55	83.9	6.04	1.6	SR4	12/8/2018 13:31	22.65	82.9	5.96	3.9	SR4	12/8/2018 19:31	22.53	78.8	5.68	2.7
SR4	12/8/2018 1:36	22.63	74.1	5.34	5.3	SR4	12/8/2018 7:36	22.56	83.6	6.03	2.2	SR4	12/8/2018 13:36	22.66	82.6	5.94	5.0	SR4	12/8/2018 19:36	22.52	78.9	5.68	2.8
SR4	12/8/2018 1:41	22.58	72.7	5.25	5.4	SR4	12/8/2018 7:41	22.55	83.7	6.03	1.1	SR4	12/8/2018 13:41	22.65	83.7	6.02	3.2	SR4	12/8/2018 19:41	22.53	79.3	5.71	2.1
SR4	12/8/2018 1:46	22.56	70.6	5.10	3.5	SR4	12/8/2018 7:46	22.54	83.3	6.00	3.2	SR4	12/8/2018 13:46	22.65	82.5	5.93	5.0	SR4	12/8/2018 19:46	22.52	79.2	5.70	1.9
SR4	12/8/2018 1:51	22.59	70.9	5.12	5.4	SR4	12/8/2018 7:51	22.55	83.7	6.03	2.3	SR4	12/8/2018 13:51	22.66	79.9	5.75	3.1	SR4	12/8/2018 19:51	22.51	78.7	5.67	2.4
SR4	12/8/2018 1:56	22.56	70.8	5.12	1.4	SR4	12/8/2018 7:56	22.53	83.6	6.03	1.4	SR4	12/8/2018 13:56	22.63	81.5	5.86	5.2	SR4	12/8/2018 19:56	22.52	78.6	5.66	1.6
SR4	12/8/2018 2:01	22.40	60.7	4.42	4.6	SR4	12/8/2018 8:01	22.52	83.9	6.05	2.1	SR4	12/8/2018 14:01	22.63	82.0	5.90	5.3	SR4	12/8/2018 20:01	22.52	77.6	5.59	3.8
SR4	12/8/2018 2:06	22.49	59.5	4.32	4.9	SR4	12/8/2018 8:06	22.53	83.3	6.00	5.0	SR4	12/8/2018 14:06	22.63	80.7	5.81	3.2	SR4	12/8/2018 20:06	22.53	78.5	5.65	4.9
SR4	12/8/2018 2:11	22.52	61.7	4.47	4.2	SR4	12/8/2018 8:11	22.52	82.6	5.96	3.9	SR4	12/8/2018 14:11	22.64	79.9	5.75	1.2	SR4	12/8/2018 20:11	22.53	79.1	5.69	2.4
SR4	12/8/2018 2:16	22.57	61.3	4.43	5.2	SR4	12/8/2018 8:16	22.54	83.0	5.98	3.7	SR4	12/8/2018 14:16	22.64	79.2	5.70	5.3	SR4	12/8/2018 20:16	22.53	77.8	5.60	1.7
SR4	12/8/2018 2:21	22.60	62.0	4.48	4.4	SR4	12/8/2018 8:21	22.53	83.1	5.99	3.0	SR4	12/8/2018 14:21	22.63	79.5	5.72	1.3	SR4	12/8/2018 20:21	22.52	77.7	5.59	1.6
SR4	12/8/2018 2:26	22.59	61.3	4.43	2.8	SR4	12/8/2018 8:26	22.52	82.9	5.98	1.8	SR4	12/8/2018 14:26	22.63	79.7	5.74	4.3	SR4	12/8/2018 20:26	22.53	78.4	5.64	2.6
SR4	12/8/2018 2:31	22.62	63.0	4.55	1.9	SR4	12/8/2018 8:31	22.52	83.8	6.04	2.3	SR4	12/8/2018 14:31	22.61	79.2	5.70	4.5	SR4	12/8/2018 20:31	22.53	78.2	5.63	3.1
SR4	12/8/2018 2:36	22.63	63.3	4.57	4.2	SR4	12/8/2018 8:36	22.53	82.5	5.95	1.1	SR4	12/8/2018 14:36	22.62	79.2	5.70	4.7	SR4	12/8/2018 20:36	22.53	78.9	5.68	1.7
SR4	12/8/2018 2:41	22.69	70.5	5.08	2.2	SR4	12/8/2018 8:41	22.52	82.8	5.97	3.0	SR4	12/8/2018 14:41	22.63	79.7	5.74	2.5	SR4	12/8/2018 20:41	22.52	77.2	5.56	1.8
SR4	12/8/2018 2:46	22.52	66.6	4.81	4.1	SR4	12/8/2018 8:46	22.54	83.3	6.01	1.2	SR4	12/8/2018 14:46	22.62	79.9	5.75	3.0	SR4	12/8/2018 20:46	22.51	77.4	5.58	2.3
SR4	12/8/2018 2:51	22.59	61.7	4.46	2.1	SR4	12/8/2018 8:51	22.53	82.9	5.98	1.3	SR4	12/8/2018 14:51	22.64	80.6	5.80	2.6	SR4	12/8/2018 20:51	22.53	78.0	5.61	4.6
SR4	12/8/2018 2:56	22.70	69.2	4.98	2.6	SR4	12/8/2018 8:56	22.51	83.1	5.99	2.7	SR4	12/8/2018 14:56	22.65	81.2	5.84	4.1	SR4	12/8/2018 20:56	22.52	79.6	5.73	4.2
SR4	12/8/2018 3:01	22.70	73.9	5.32	5.1	SR4	12/8/2018 9:01	22.54	82.7	5.96	3.3	SR4	12/8/2018 15:01	22.65	81.6	5.87	1.3	SR4	12/8/2018 21:01	22.52	79.2	5.70	1.4
SR4	12/8/2018 3:06	22.71	75.7	5.45	4.3	SR4	12/8/2018 9:06	22.57	82.1	5.91	3.9	SR4	12/8/2018 15:06	22.64	80.5	5.79	5.2	SR4	12/8/2018 21:06	22.52	77.0	5.54	1.6
SR4	12/8/2018 3:11	22.70	77.0	5.54	2.3	SR4	12/8/2018 9:11	22.56	82.0	5.91	1.7	SR4	12/8/2018 15:11	22.64	80.0	5.76	1.5	SR4	12/8/2018 21:11	22.52	78.2	5.63	1.8
SR4	12/8/2018 3:16	22.69	77.0	5.54	2.0	SR4	12/8/2018 9:16	22.53	81.7	5.89	1.9	SR4	12/8/2018 15:16	22.64	80.2	5.77	2.3	SR4	12/8/2018 21:16	22.52	74.1	5.33	1.7
SR4	12/8/2018 3:21	22.69	78.6	5.66	2.1	SR4	12/8/2018 9:21	22.54	81.6	5.88	4.7	SR4	12/8/2018 15:21	22.63	80.1	5.77	2.8	SR4	12/8/2018 21:21	22.52	77.2	5.56	1.0
SR4	12/8/2018 3:26	22.72	77.8	5.60	1.3	SR4	12/8/2018 9:26	22.54	81.9	5.91	3.6	SR4	12/8/2018 15:26	22.63	79.8	5.74	5.2	SR4	12/8/2018 21:26	22.52	75.6	5.44	1.4
SR4	12/8/2018 3:31	22.69	78.8	5.67	4.2	SR4	12/8/2018 9:31	22.54	81.8	5.90	1.6	SR4	12/8/2018 15:31	22.64	79.0	5.68	1.8	SR4	12/8/2018 21:31	22.51	77.1	5.55	2.0
SR4	12/8/2018 3:36	22.67	79.1	5.69	4.9	SR4	12/8/2018 9:36	22.53	81.5	5.88	4.4	SR4	12/8/2018 15:36	22.63	78.9	5.68	4.8	SR4	12/8/2018 21:36	22.51	76.3	5.49	1.2
SR4	12/8/2018 3:41	22.68	78.8	5.67	3.3	SR4	12/8/2018 9:41	22.54	81.1	5.85	2.8	SR4	12/8/2018 15:41	22.62	79.0	5.69	3.7	SR4	12/8/2018 21:41	22.51	76.2	5.49	1.2
SR4	12/8/2018 3:46	22.67	79.0	5.69	1.9	SR4	12/8/2018 9:46	22.55	81.7	5.89	2.9	SR4	12/8/2018 15:46	22.62	81.7	5.88	1.1	SR4	12/8/2018 21:46	22.51	76.0	5.47	1.8
SR4	12/8/2018 3:51	22.68	78.5	5.65	4.1	SR4	12/8/2018 9:51	22.55	81.6	5.88	1.9	SR4	12/8/2018 15:51	22.62	80.1	5.76	3.0	SR4	12/8/2018 21:51	22.51	77.9	5.61	1.9
SR4	12/8/2018 3:56	22.66	78.3	5.64	1.8	SR4	12/8/2018 9:56	22.52	81.4	5.87	1.9	SR4	12/8/2018 15:56	22.62	82.1	5.91	3.6	SR4	12/8/2018 21:56	22.51	74.9	5.39	1.9
SR4	12/8/2018 4:01	22.67	79.4	5.71	2.5	SR4	12/8/2018 10:01	22.55	81.2	5.85	3.4	SR4	12/8/2018 16:01	22.61	81.4	5.86	2.5	SR4	12/8/2018 22:01	22.51	76.6	5.51	1.6
SR4	12/8/2018 4:06	22.66	79.4	5.71	4.7	SR4	12/8/2018 10:06	22.54	81.6	5.88	1.3	SR4	12/8/2018 16:06	22.60	81.1	5.84	1.2	SR4	12/8/2018 22:06	22.51	76.5	5.51	3.8
SR4	12/8/2018 4:11	22.61	73.3	5.28	5.0	SR4	12/8/2018 10:11	22.55	81.5	5.88	1.5	SR4	12/8/2018 16:11	22.59	81.1	5.84	4.2	SR4	12/8/2018 22:11	22.51	76.1	5.48	5.0
SR4	12/8/2018 4:16	22.66	79.5	5.72	1.8	SR4	12/8/2018 10:16	22.54	81.4	5.87	1.2	SR4	12/8/2018 16:16	22.59	81.5	5.87	5.1	SR4	12/8/2018 22:16	22.50	78.5	5.65	3.8
SR4	12/8/2018 4:21	22.68	79.4	5.71	2.8	SR4	12/8/2018 10:21	22.55	81.7	5.89	1.8	SR4	12/8/2018 16:21	22.59	80.7	5.81	5.0	SR4	12/8/2018 22:21	22.50	79.5	5.72	1.8
SR4	12/8/2018 4:26	22.66	81.2	5.84	1.2	SR4	12/8/2018 10:26	22.54	80.8	5.82	3.6	SR4	12/8/2018 16:26	22.60	80.6	5.80	3.4	SR4	12/8/2018 22:26	22.50	78.8	5.68	5.1
SR4	12/8/2018 4:31	22.63	80.7	5.81	3.0	SR4	12/8/2018 10:31	22.55	81.5	5.87	1.3	SR4	12/8/2018 16:31	22.59	80.8	5.82	5.4	SR4	12/8/2018 22:31	22.49	78.3	5.64	3.2
SR4	12/8/2018 4:36	22.62	80.4	5.78	2.7	SR4	12/8/2018 10:36	22.56	81.4	5.87	1.1	SR4	12/8/2018 16:36	22.58	80.9	5.83	3.0	SR4	12/8/2018 22:36	22.44	78.9	5.69	3.1
SR4	12/8/2018 4:41	22.62	82.2	5.92	5.0	SR4	12/8/2018 10:41	22.56	81.3	5.86	4.0	SR4	12/8/2018 16:41	22.58	79.6	5.73	4.1	SR4	12/8/2018 22:41	22.45	79.8	5.76	2.0
SR4	12/8/2018 4:46	22.61	83.2	5.99	3.4	SR4	12/8/2018 10:46	22.56	81.2	5.86	1.5	SR4	12/8/2018 16:46	22.58	79.5	5.72	3.6	SR4	12/8/2018 22:46	22.42	78.8	5.69	3.6
SR4	12/8/2018 4:51	22.65	82.3	5.92	4.7	SR4	12/8/2018 10:51	22.57	81.0	5.84	3.3	SR4	12/8/2018 16:51	22.62	79.9	5.75	1.2	SR4	12/8/2018 22:51	22.42	79.6	5.74	3.7
SR4	12/8/2018 4:56	22.63	81.9	5.89	4.8	SR4	12/8/2018 10:56	22.56	81.7	5.89	1.6	SR4	12/8/2018 16:56	22.59	79.6	5.74	4.2	SR4	12/8/2018 22:56	22.43	78.3	5.65	4.5
SR4	12/8/2018 5:01	22.60	83.3	6.00	1.2	SR4	12/8/2018 11:01	22.56	80.4	5.80	1.6	SR4	12/8/2018 17:01	22.60	79.4	5.72	2.7	SR4	12/8/2018 23:01	22.43	79.2	5.72	4.0
SR4	12/8/2018 5:06	22.60	83.1	5.98	2.0	SR4	12/8/2018 11:06	22.57	80.6	5.80	1.1	SR4	12/8/2018 17:06	22.60	80.1	5.77	4.4	SR4	12/8/2018 23:06	22.42	78.9	5.69	5.1
SR4	12/8/2018 5:11	22.60	83.0	5.98	2.8	SR4	12/8/2018 11:11	22.57	80.1	5.77	1.6	SR4	12/8/2018 17:11	22.61	79.3	5.71	4.8	SR4	12/8/2018 23:11	22.40	80.1	5.78	1.4
SR4	12/8/2018 5:16	22.62	82.6	5.94	2.9	SR4	12/8/2018 11:16	22.58	80.7	5.81	2.5	SR4	12/8/2018 17:16	22.59	78.0	5.62	4.2	SR4	12/8/2018 23:16	22.41	79.3	5.73	5.3
SR4	12/8/2018 5:21	22.60	83.1	5.99	4.4	SR4	12/8/2018 11:21	22.58	80.4	5.79	2.4	SR4	12/8/2018 17:21	22.58	80.1	5.77	5.4	SR4	12/8/2018 23:21	22.40	80.0	5.78	3.1
SR4	12/8/2018 5:26	22.62	83.3	5.99	1.1	SR4	12/8/2018 11:26	22.57	80.9	5.83	1.0	SR4	12/8/2018 17:26	22.61	79.2	5.70	1.2	SR4	12/8/2018 23:26	22.43	76.6	5.52	1.5
SR4	12/8/2018 5:31	22.61	83.0	5.98	1.8	SR4	12/8/2018 11:31	22.58	80.6	5.81	2.5	SR4	12/8/2018 17:31	22.61	79.8	5.75	1.2	SR4	12/8/2018 23:31	22.42	77.3	5.58	1.7
SR4	12/8/2018 5:36	22.61	82.6	5.94	4.0	SR4	12/8/2018 11:36	22.57	80.8	5.82	1.1	SR4	12/8/2018 17:36	22.59	78.9	5.69	1.6	SR4	12/8/2018 23:36	22.42	78.2	5.64	4.4
SR4	12/8/2018 5:41	22.60	83.8	6.03	3.5	SR4	12/8/2018 11:41	22.58	80.4	5.79	5.1	SR4	12/8/2018 17:41	22.60	78.7	5.66	4.6	SR4	12/8/2018 23:41	22.42	76.1	5.49	4.5
SR4	12/8/2018 5:46	22.59	83.7	6.03	3.0	SR4	12/8/2018 11:46	22.58	80.4	5.79	5.4	SR4	12/8/2018 17:46	22.61	79.2	5.70	1.4	SR4	12/8/2018 23:46	22.42	77.1	5.56	3.6
SR4	12/8/2018 5:51	22.58	84.1	6.06	2.6	SR4	12/8/2018 11:51	22.60	81.9	5.90	1.1	SR4	12/8/2018 17:51	22.60	79.3	5.71	2.3	SR4	12/8/2018 23:51	22.42	77.0	5.55	3.3
SR4	12/8/2018 5:56	22.58	84.1	6.06	3.0	SR4	12/8/2018 11:56	22.61	81.7	5.89	1.1	SR4	12/8/2018 17:56	22.59	79.1	5.70	1.2	SR4	12/8/2018 23:56	22.41	77.9	5.62	2.1

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/8/2018 0:00	22.91	92.5	6.57	4.9	SR5	12/8/2018 6:00	22.88	92.4	6.56	4.6	SR5	12/8/2018 12:00	22.66	94.1	6.67	3.2	SR5	12/8/2018 18:00	22.57	93.5	6.63	4.4
SR5	12/8/2018 0:05	22.91	91.9	6.52	2.5	SR5	12/8/2018 6:05	22.87	92.6	6.58	4.1	SR5	12/8/2018 12:05	22.65	92.3	6.54	1.8	SR5	12/8/2018 18:05	22.62	93.0	6.59	4.0
SR5	12/8/2018 0:10	22.91	91.4	6.49	4.6	SR5	12/8/2018 6:10	22.87	93.5	6.64	3.7	SR5	12/8/2018 12:10	22.63	91.9	6.51	2.0	SR5	12/8/2018 18:10	22.61	92.8	6.58	3.4
SR5	12/8/2018 0:15	22.93	91.6	6.50	3.9	SR5	12/8/2018 6:15	22.88	92.6	6.58	2.9	SR5	12/8/2018 12:15	22.63	93.0	6.60	3.8	SR5	12/8/2018 18:15	22.59	94.2	6.68	3.6
SR5	12/8/2018 0:20	22.90	90.2	6.40	4.3	SR5	12/8/2018 6:20	22.87	92.3	6.55	3.6	SR5	12/8/2018 12:20	22.66	94.6	6.70	2.5	SR5	12/8/2018 18:20	22.60	93.3	6.62	2.6
SR5	12/8/2018 0:25	22.90	90.5	6.43	3.3	SR5	12/8/2018 6:25	22.87	92.9	6.60	3.0	SR5	12/8/2018 12:25	22.66	92.9	6.59	2.0	SR5	12/8/2018 18:25	22.61	94.5	6.70	2.5
SR5	12/8/2018 0:30	22.88	90.8	6.45	3.7	SR5	12/8/2018 6:30	22.86	93.4	6.63	4.4	SR5	12/8/2018 12:30	22.64	92.8	6.58	4.1	SR5	12/8/2018 18:30	22.57	94.2	6.68	3.1
SR5	12/8/2018 0:35	22.89	92.5	6.57	5.3	SR5	12/8/2018 6:35	22.84	92.7	6.58	2.7	SR5	12/8/2018 12:35	22.65	92.4	6.55	3.2	SR5	12/8/2018 18:35	22.57	92.8	6.58	3.5
SR5	12/8/2018 0:40	22.87	92.4	6.56	3.7	SR5	12/8/2018 6:40	22.87	93.6	6.65	4.9	SR5	12/8/2018 12:40	22.66	94.9	6.72	1.8	SR5	12/8/2018 18:40	22.58	91.7	6.51	3.8
SR5	12/8/2018 0:45	22.89	90.6	6.43	5.6	SR5	12/8/2018 6:45	22.86	92.9	6.60	2.3	SR5	12/8/2018 12:45	22.64	93.9	6.66	2.8	SR5	12/8/2018 18:45	22.61	92.1	6.53	4.5
SR5	12/8/2018 0:50	22.91	92.1	6.54	2.7	SR5	12/8/2018 6:50	22.88	92.7	6.58	4.3	SR5	12/8/2018 12:50	22.62	94.9	6.73	4.5	SR5	12/8/2018 18:50	22.56	94.2	6.68	2.9
SR5	12/8/2018 0:55	22.91	88.3	6.27	3.7	SR5	12/8/2018 6:55	22.85	92.9	6.60	2.6	SR5	12/8/2018 12:55	22.65	94.2	6.68	2.8	SR5	12/8/2018 18:55	22.55	93.2	6.61	2.0
SR5	12/8/2018 1:00	22.89	89.5	6.36	3.2	SR5	12/8/2018 7:00	22.87	92.7	6.58	4.7	SR5	12/8/2018 13:00	22.63	94.5	6.69	2.9	SR5	12/8/2018 19:00	22.59	92.9	6.58	3.0
SR5	12/8/2018 1:05	22.93	92.6	6.57	4.0	SR5	12/8/2018 7:05	22.85	94.0	6.67	4.5	SR5	12/8/2018 13:05	22.65	94.7	6.71	2.2	SR5	12/8/2018 19:05	22.59	92.3	6.55	2.6
SR5	12/8/2018 1:10	22.93	89.4	6.35	3.4	SR5	12/8/2018 7:10	22.87	90.8	6.45	4.5	SR5	12/8/2018 13:10	22.63	95.7	6.78	3.1	SR5	12/8/2018 19:10	22.62	92.0	6.53	4.6
SR5	12/8/2018 1:15	22.90	91.5	6.50	3.4	SR5	12/8/2018 7:15	22.89	90.9	6.46	4.3	SR5	12/8/2018 13:15	22.62	95.0	6.73	3.2	SR5	12/8/2018 19:15	22.59	91.6	6.50	3.5
SR5	12/8/2018 1:20	22.89	89.6	6.36	5.0	SR5	12/8/2018 7:20	22.87	91.2	6.48	4.1	SR5	12/8/2018 13:20	22.67	94.1	6.66	3.1	SR5	12/8/2018 19:20	22.61	91.7	6.50	3.1
SR5	12/8/2018 1:25	22.88	88.6	6.29	2.3	SR5	12/8/2018 7:25	22.89	93.1	6.61	3.0	SR5	12/8/2018 13:25	22.65	94.6	6.71	4.4	SR5	12/8/2018 19:25	22.57	94.3	6.68	2.1
SR5	12/8/2018 1:30	22.90	91.3	6.48	2.9	SR5	12/8/2018 7:30	22.87	93.7	6.65	4.1	SR5	12/8/2018 13:30	22.64	94.1	6.67	3.4	SR5	12/8/2018 19:30	22.57	93.0	6.60	3.9
SR5	12/8/2018 1:35	22.86	89.8	6.38	5.8	SR5	12/8/2018 7:35	22.88	93.9	6.67	4.0	SR5	12/8/2018 13:35	22.65	95.9	6.79	4.8	SR5	12/8/2018 19:35	22.55	94.8	6.71	2.4
SR5	12/8/2018 1:40	22.89	89.6	6.36	4.0	SR5	12/8/2018 7:40	22.78	96.0	6.80	3.7	SR5	12/8/2018 13:40	22.67	95.8	6.79	4.0	SR5	12/8/2018 19:40	22.61	93.5	6.63	4.3
SR5	12/8/2018 1:45	22.89	89.9	6.39	4.4	SR5	12/8/2018 7:45	22.75	95.7	6.78	2.4	SR5	12/8/2018 13:45	22.64	95.5	6.77	4.1	SR5	12/8/2018 19:45	22.57	93.0	6.59	2.1
SR5	12/8/2018 1:50	22.87	89.5	6.36	4.2	SR5	12/8/2018 7:50	22.72	93.2	6.61	3.9	SR5	12/8/2018 13:50	22.66	93.2	6.60	2.5	SR5	12/8/2018 19:50	22.58	93.1	6.60	3.1
SR5	12/8/2018 1:55	22.90	89.5	6.36	3.3	SR5	12/8/2018 7:55	22.69	95.3	6.76	2.2	SR5	12/8/2018 13:55	22.61	95.3	6.75	3.0	SR5	12/8/2018 19:55	22.59	92.7	6.57	3.0
SR5	12/8/2018 2:00	22.85	88.3	6.27	4.2	SR5	12/8/2018 8:00	22.62	93.0	6.60	1.6	SR5	12/8/2018 14:00	22.63	94.0	6.66	2.9	SR5	12/8/2018 20:00	22.59	91.7	6.50	3.3
SR5	12/8/2018 2:05	22.88	86.9	6.17	3.6	SR5	12/8/2018 8:05	22.65	95.2	6.75	3.4	SR5	12/8/2018 14:05	22.62	92.9	6.59	2.2	SR5	12/8/2018 20:05	22.61	91.6	6.50	4.4
SR5	12/8/2018 2:10	22.86	87.1	6.19	3.5	SR5	12/8/2018 8:10	22.62	93.3	6.62	3.1	SR5	12/8/2018 14:10	22.64	92.5	6.56	3.8	SR5	12/8/2018 20:10	22.60	94.2	6.68	2.7
SR5	12/8/2018 2:15	22.87	86.5	6.14	5.2	SR5	12/8/2018 8:15	22.63	94.6	6.71	3.6	SR5	12/8/2018 14:15	22.63	94.9	6.73	4.4	SR5	12/8/2018 20:15	22.62	91.0	6.45	2.7
SR5	12/8/2018 2:20	22.86	87.5	6.21	4.8	SR5	12/8/2018 8:20	22.66	94.2	6.68	2.3	SR5	12/8/2018 14:20	22.64	95.3	6.75	2.6	SR5	12/8/2018 20:20	22.58	90.6	6.42	5.0
SR5	12/8/2018 2:25	22.90	86.3	6.13	5.1	SR5	12/8/2018 8:25	22.64	96.2	6.82	3.2	SR5	12/8/2018 14:25	22.63	93.1	6.60	3.5	SR5	12/8/2018 20:25	22.60	91.1	6.46	3.7
SR5	12/8/2018 2:30	22.89	87.8	6.23	3.7	SR5	12/8/2018 8:30	22.61	96.1	6.81	3.4	SR5	12/8/2018 14:30	22.64	94.3	6.68	4.4	SR5	12/8/2018 20:30	22.57	91.8	6.51	2.1
SR5	12/8/2018 2:35	22.87	87.3	6.20	5.5	SR5	12/8/2018 8:35	22.65	94.4	6.69	2.4	SR5	12/8/2018 14:35	22.61	93.8	6.65	3.1	SR5	12/8/2018 20:35	22.57	91.3	6.48	2.2
SR5	12/8/2018 2:40	22.89	90.8	6.44	3.0	SR5	12/8/2018 8:40	22.64	94.7	6.71	4.4	SR5	12/8/2018 14:40	22.66	95.2	6.75	1.8	SR5	12/8/2018 20:40	22.58	92.6	6.57	4.4
SR5	12/8/2018 2:45	22.88	88.5	6.29	4.0	SR5	12/8/2018 8:45	22.66	95.8	6.79	3.6	SR5	12/8/2018 14:45	22.64	92.9	6.59	3.1	SR5	12/8/2018 20:45	22.61	93.3	6.61	3.9
SR5	12/8/2018 2:50	22.87	88.4	6.27	4.0	SR5	12/8/2018 8:50	22.65	93.0	6.59	4.2	SR5	12/8/2018 14:50	22.65	93.0	6.59	4.3	SR5	12/8/2018 20:50	22.59	92.2	6.54	2.0
SR5	12/8/2018 2:55	22.93	88.7	6.30	4.4	SR5	12/8/2018 8:55	22.62	96.3	6.83	4.5	SR5	12/8/2018 14:55	22.67	95.3	6.75	4.7	SR5	12/8/2018 20:55	22.56	92.8	6.58	4.0
SR5	12/8/2018 3:00	22.90	88.9	6.31	3.9	SR5	12/8/2018 9:00	22.60	95.5	6.77	3.0	SR5	12/8/2018 15:00	22.62	94.5	6.70	2.8	SR5	12/8/2018 21:00	22.59	93.4	6.62	3.1
SR5	12/8/2018 3:05	22.91	89.4	6.35	3.4	SR5	12/8/2018 9:05	22.65	95.5	6.77	3.8	SR5	12/8/2018 15:05	22.62	93.4	6.62	3.7	SR5	12/8/2018 21:05	22.63	90.1	6.38	1.8
SR5	12/8/2018 3:10	22.89	91.1	6.47	3.7	SR5	12/8/2018 9:10	22.62	95.5	6.77	4.1	SR5	12/8/2018 15:10	22.62	93.9	6.66	3.3	SR5	12/8/2018 21:10	22.58	91.2	6.46	3.6
SR5	12/8/2018 3:15	22.93	90.7	6.44	3.4	SR5	12/8/2018 9:15	22.64	93.6	6.64	1.9	SR5	12/8/2018 15:15	22.60	93.6	6.64	2.6	SR5	12/8/2018 21:15	22.59	91.8	6.50	3.2
SR5	12/8/2018 3:20	22.93	91.2	6.47	3.8	SR5	12/8/2018 9:20	22.64	94.8	6.72	3.2	SR5	12/8/2018 15:20	22.63	94.9	6.72	2.8	SR5	12/8/2018 21:20	22.57	89.9	6.37	2.4
SR5	12/8/2018 3:25	22.92	91.6	6.50	4.0	SR5	12/8/2018 9:25	22.65	95.0	6.74	2.5	SR5	12/8/2018 15:25	22.61	93.0	6.59	4.9	SR5	12/8/2018 21:25	22.58	91.7	6.50	3.6
SR5	12/8/2018 3:30	22.90	90.3	6.41	2.7	SR5	12/8/2018 9:30	22.65	93.0	6.60	3.9	SR5	12/8/2018 15:30	22.66	95.0	6.73	1.9	SR5	12/8/2018 21:30	22.55	92.8	6.58	3.1
SR5	12/8/2018 3:35	22.91	90.7	6.44	4.4	SR5	12/8/2018 9:35	22.61	95.2	6.75	3.8	SR5	12/8/2018 15:35	22.65	93.0	6.59	4.8	SR5	12/8/2018 21:35	22.57	92.4	6.55	3.5
SR5	12/8/2018 3:40	22.87	91.9	6.52	3.6	SR5	12/8/2018 9:40	22.65	95.2	6.75	2.2	SR5	12/8/2018 15:40	22.64	92.5	6.56	4.5	SR5	12/8/2018 21:40	22.61	91.4	6.48	2.6
SR5	12/8/2018 3:45	22.88	90.3	6.42	3.1	SR5	12/8/2018 9:45	22.64	95.4	6.76	3.8	SR5	12/8/2018 15:45	22.62	93.9	6.65	3.5	SR5	12/8/2018 21:45	22.57	92.3	6.54	3.7
SR5	12/8/2018 3:50	22.93	91.4	6.49	2.4	SR5	12/8/2018 9:50	22.65	94.3	6.68	2.1	SR5	12/8/2018 15:50	22.61	94.6	6.70	2.3	SR5	12/8/2018 21:50	22.61	91.4	6.48	1.8
SR5	12/8/2018 3:55	22.90	90.5	6.43	2.8	SR5	12/8/2018 9:55	22.63	94.7	6.71	3.4	SR5	12/8/2018 15:55	22.61	93.1	6.60	3.1	SR5	12/8/2018 21:55	22.55	92.1	6.52	2.6
SR5	12/8/2018 4:00	22.89	92.5	6.56	3.4	SR5	12/8/2018 10:00	22.63	95.2	6.74	3.0	SR5	12/8/2018 16:00	22.64	93.3	6.61	3.2	SR5	12/8/2018 22:00	22.59	90.1	6.38	1.6
SR5	12/8/2018 4:05	22.90	93.2	6.61	3.6	SR5	12/8/2018 10:05	22.65	94.2	6.68	3.1	SR5	12/8/2018 16:05	22.64	93.9	6.66	1.9	SR5	12/8/2018 22:05	22.61	91.1	6.46	4.3
SR5	12/8/2018 4:10	22.89	91.3	6.48	5.0	SR5	12/8/2018 10:10	22.66	92.4	6.55	3.0	SR5	12/8/2018 16:10	22.60	93.8	6.65	2.2	SR5	12/8/2018 22:10	22.58	92.2	6.54	2.6
SR5	12/8/2018 4:15	22.86	91.6	6.50	2.6	SR5	12/8/2018 10:15	22.64	93.7	6.64	3.2	SR5	12/8/2018 16:15	22.59	94.2	6.68	3.3	SR5	12/8/2018 22:15	22.56	91.0	6.46	2.6
SR5	12/8/2018 4:20	22.90	93.6	6.64	4.0	SR5	12/8/2018 10:20	22.64	95.6	6.78	2.7	SR5	12/8/2018 16:20	22.63	92.6	6.56	4.2	SR5	12/8/2018 22:20	22.55	92.3	6.54	2.8
SR5	12/8/2018 4:25	22.86	94.0	6.67	2.3	SR5	12/8/2018 10:25	22.63	92.6	6.56	4.0	SR5	12/8/2018 16:25	22.61	94.4	6.69	2.2	SR5	12/8/2018 22:25	22.59	92.7	6.57	3.7
SR5	12/8/2018 4:30	22.91	91.8	6.52	3.6	SR5	12/8/2018 10:30	22.64	93.4	6.62	3.3	SR5	12/8/2018 16:30	22.60	93.8	6.65	2.9	SR5	12/8/2018 22:30	22.58	92.7	6.57	3.3
SR5	12/8/2018 4:35	22.87	92.7	6.58	3.8	SR5	12/8/2018 10:35	22.61	93.6	6.63	3.6	SR5	12/8/2018 16:35	22.64	94.3	6.68	4.3	SR5	12/8/2018 22:35	22.56	91.5	6.49	2.8
SR5	12/8/2018 4:40	22.87	92.7	6.58	4.2	SR5	12/8/2018 10:40	22.62	92.8	6.58	2.5	SR5	12/8/2018 16:40	22.59	94.5	6.69	3.2	SR5	12/8/2018 22:40	22.55	91.7	6.51	3.4
SR5	12/8/2018 4:45	22.90	94.5	6.71	5.0	SR5	12/8/2018 10:45	22.65	92.7	6.58	1.7	SR5	12/8/2018 16:45	22.62	94.7	6.71	3.0	SR5	12/8/2018 22:45	22.58	92.9	6.59	3.4
SR5	12/8/2018 4:50	22.91	92.2	6.55	4.8	SR5	12/8/2018 10:50	22.60	93.9	6.66	4.6	SR5	12/8/2018 16:50	22.61	94.4	6.69	2.3	SR5	12/8/2018 22:50	22.54	93.2	6.61	4.3
SR5	12/8/2018 4:55	22.87	93.6	6.64	5.0	SR5	12/8/2018 10:55	22.63	94.1	6.67	2.8	SR5	12/8/2018 16:55	22.61	92.1	6.53	4.2	SR5	12/8/2018 22:55	22.58	93.7	6.64	2.2
SR5	12/8/2018 5:00	22.86	94.5	6.71	2.2	SR5	12/8/2018 11:00	22.66	93.8	6.66	2.8	SR5	12/8/2018 17:00	22.65	93.3	6.62	2.0	SR5	12/8/2018 23:00	22.56	95.0	6.74	4.6
SR5	12/8/2018 5:05	22.90	93.9	6.67	2.7	SR5	12/8/2018 11:05	22.60	95.2	6.75	3.4	SR5	12/8/2018 17:05	22.65	94.8	6.71	4.3	SR5	12/8/2018 23:05	22.59	92.9	6.59	3.3
SR5	12/8/2018 5:10	22.88	93.4	6.63	3.3	SR5	12/8/2018 11:10	22.60	93.3	6.61	4.0	SR5	12/8/2018 17:10	22.59	93.0	6.59	2.8	SR5	12/8/2018 23:10	22.53	94.9	6.73	3.3
SR5	12/8/2018 5:15	22.85	93.7	6.65	4.5	SR5	12/8/2018 11:15	22.66	93.5	6.63	2.3	SR5	12/8/2018 17:15	22.62	93.7	6.64	3.0	SR5	12/8/2018 23:15	22.57	93.3	6.62	3.6
SR5	12/8/2018 5:20	22.89	92.3	6.55	5.2	SR5	12/8/2018 11:20	22.60	94.8	6.72	3.4	SR5	12/8/2018 17:20	22.59	95.2	6.75	3.0	SR5	12/8/2018 23:20	22.58	92.1	6.53	3.2
SR5	12/8/2018 5:25	22.86	94.0	6.67	3.3	SR5	12/8/2018 11:25	22.61	92.8	6.58	3.2	SR5	12/8/2018 17:25	22.65	92.7	6.57	2.9	SR5	12/8/2018 23:25	22.58	93.6	6.64	3.5
SR5	12/8/2018 5:30	22.89	94.5	6.71	2.7	SR5	12/8/2018 11:30	22.62	93.6	6.64	2.0	SR5	12/8/2018 17:30	22.62	94.2	6.68	1.9	SR5	12/8/2018 23:30	22.58	94.3	6.68	2.1
SR5	12/8/2018 5:35	22.87	94.1	6.68	3.7	SR5	12/8/2018 11:35	22.61	93.9	6.66	2.9	SR5	12/8/2018 17:35	22.63	92.3	6.55	2.2	SR5	12/8/2018 23:35	22.53	92.6	6.57	6.1
SR5	12/8/2018 5:40	22.89	92.6	6.58	4.2	SR5	12/8/2018 11:40	22.66	92.5	6.56	3.6	SR5	12/8/2018 17:40	22.61	91.6	6.50	4.1	SR5	12/8/2018 23:40	22.52	93.8	6.65	2.7
SR5	12/8/2018 5:45	22.86	93.7	6.66	4.6	SR5	12/8/2018 11:45	22.62	94.4	6.69	2.1	SR5	12/8/2018 17:45	22.64	94.2	6.67	4.1	SR5	12/8/2018 23:45	22.55	92.8	6.58	4.0
SR5	12/8/2018 5:50	22.84	94.8	6.74	4.3	SR5	12/8/2018 11:50	22.64	94.7	6.71	2.3	SR5	12/8/2018 17:50	22.61	94.3	6.68	3.9	SR5	12/8/2018 23:50	22.52	91.5	6.49	4.5
SR5	12/8/2018 5:55	22.88	93.5	6.64	4.5	SR5	12/8/2018 11:55	22.65	94.2	6.68	1.6	SR5	12/8/2018 17:55	22.63	92.6	6.57	3.8	SR5	12/8/2018 23:55	22.53	93.1	6.61	2.0

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/8/2018 0:01	23.20	72.9	5.32	4.9	SR12	12/8/2018 6:01	23.14	75.2	5.49	6.5	SR12	12/8/2018 12:01	22.20	81.0	5.86	2.9	SR12	12/8/2018 18:01	22.10	80.3	5.81	5.1
SR12	12/8/2018 0:06	23.20	73.4	5.36	5.0	SR12	12/8/2018 6:06	23.14	75.6	5.52	5.7	SR12	12/8/2018 12:06	22.21	80.1	5.79	3.7	SR12	12/8/2018 18:06	22.09	80.9	5.85	2.1
SR12	12/8/2018 0:11	23.20	73.3	5.35	4.9	SR12	12/8/2018 6:11	23.14	75.5	5.51	5.0	SR12	12/8/2018 12:11	22.20	79.3	5.74	3.4	SR12	12/8/2018 18:11	22.10	80.7	5.84	4.8
SR12	12/8/2018 0:16	23.20	73.2	5.34	4.6	SR12	12/8/2018 6:16	23.13	75.5	5.51	5.6	SR12	12/8/2018 12:16	22.20	80.6	5.82	5.2	SR12	12/8/2018 18:16	22.11	80.6	5.84	2.2
SR12	12/8/2018 0:21	23.20	72.9	5.32	3.7	SR12	12/8/2018 6:21	23.14	74.8	5.46	3.6	SR12	12/8/2018 12:21	22.21	80.2	5.79	1.8	SR12	12/8/2018 18:21	22.13	78.9	5.71	2.0
SR12	12/8/2018 0:26	23.21	72.6	5.30	3.6	SR12	12/8/2018 6:26	23.14	75.5	5.51	6.4	SR12	12/8/2018 12:26	22.21	80.6	5.82	2.1	SR12	12/8/2018 18:26	22.11	79.2	5.73	3.2
SR12	12/8/2018 0:31	23.20	72.7	5.31	6.5	SR12	12/8/2018 6:31	23.16	74.7	5.45	5.0	SR12	12/8/2018 12:31	22.21	79.7	5.76	2.3	SR12	12/8/2018 18:31	22.11	79.7	5.76	4.8
SR12	12/8/2018 0:36	23.19	74.3	5.42	7.6	SR12	12/8/2018 6:36	23.16	75.5	5.51	3.7	SR12	12/8/2018 12:36	22.21	80.4	5.81	4.2	SR12	12/8/2018 18:36	22.09	78.9	5.71	3.1
SR12	12/8/2018 0:41	23.19	74.1	5.41	7.6	SR12	12/8/2018 6:41	23.15	74.8	5.46	7.4	SR12	12/8/2018 12:41	22.21	80.6	5.82	2.6	SR12	12/8/2018 18:41	22.08	79.6	5.76	3.7
SR12	12/8/2018 0:46	23.19	73.4	5.36	6.3	SR12	12/8/2018 6:46	23.14	74.8	5.46	4.4	SR12	12/8/2018 12:46	22.21	80.4	5.81	3.4	SR12	12/8/2018 18:46	22.07	79.7	5.77	3.8
SR12	12/8/2018 0:51	23.21	74.5	5.44	4.2	SR12	12/8/2018 6:51	23.14	74.9	5.47	5.0	SR12	12/8/2018 12:51	22.20	80.3	5.80	2.5	SR12	12/8/2018 18:51	22.06	80.1	5.80	3.1
SR12	12/8/2018 0:56	23.21	74.1	5.41	5.8	SR12	12/8/2018 6:56	23.14	75.4	5.50	4.8	SR12	12/8/2018 12:56	22.19	80.8	5.84	3.0	SR12	12/8/2018 18:56	22.06	80.1	5.80	2.0
SR12	12/8/2018 1:01	23.21	73.4	5.36	6.0	SR12	12/8/2018 7:01	23.14	75.4	5.50	6.9	SR12	12/8/2018 13:01	22.19	79.4	5.74	4.5	SR12	12/8/2018 19:01	22.06	80.3	5.81	4.4
SR12	12/8/2018 1:06	23.20	74.1	5.41	4.6	SR12	12/8/2018 7:06	23.14	75.4	5.50	4.2	SR12	12/8/2018 13:06	22.17	80.0	5.78	2.0	SR12	12/8/2018 19:06	22.06	79.9	5.78	3.5
SR12	12/8/2018 1:11	23.19	73.8	5.39	4.1	SR12	12/8/2018 7:11	23.15	74.3	5.42	5.5	SR12	12/8/2018 13:11	22.19	80.3	5.80	2.0	SR12	12/8/2018 19:11	22.07	80.5	5.82	4.8
SR12	12/8/2018 1:16	23.19	74.0	5.40	7.9	SR12	12/8/2018 7:16	23.15	74.5	5.44	6.1	SR12	12/8/2018 13:16	22.18	80.5	5.82	1.7	SR12	12/8/2018 19:16	22.09	79.7	5.77	3.4
SR12	12/8/2018 1:21	23.20	72.6	5.30	7.1	SR12	12/8/2018 7:21	23.15	74.0	5.40	4.8	SR12	12/8/2018 13:21	22.18	80.3	5.80	3.1	SR12	12/8/2018 19:21	22.09	79.8	5.78	2.2
SR12	12/8/2018 1:26	23.22	73.0	5.33	4.0	SR12	12/8/2018 7:26	23.12	74.1	5.41	5.5	SR12	12/8/2018 13:26	22.18	81.0	5.86	2.2	SR12	12/8/2018 19:26	22.09	79.0	5.72	3.9
SR12	12/8/2018 1:31	23.21	72.9	5.32	3.7	SR12	12/8/2018 7:31	23.11	73.6	5.37	3.6	SR12	12/8/2018 13:31	22.17	81.0	5.86	3.2	SR12	12/8/2018 19:31	22.06	78.9	5.71	3.5
SR12	12/8/2018 1:36	23.19	73.3	5.35	7.4	SR12	12/8/2018 7:36	23.11	74.1	5.41	3.5	SR12	12/8/2018 13:36	22.16	80.7	5.83	3.5	SR12	12/8/2018 19:36	22.08	79.4	5.74	2.3
SR12	12/8/2018 1:41	23.19	73.4	5.36	7.9	SR12	12/8/2018 7:41	22.89	80.6	5.82	3.5	SR12	12/8/2018 13:41	22.17	80.5	5.82	3.1	SR12	12/8/2018 19:41	22.10	77.6	5.62	4.8
SR12	12/8/2018 1:46	23.19	73.4	5.36	4.1	SR12	12/8/2018 7:46	22.70	81.0	5.85	3.7	SR12	12/8/2018 13:46	22.17	80.5	5.82	3.2	SR12	12/8/2018 19:46	22.08	77.9	5.64	4.4
SR12	12/8/2018 1:51	23.21	74.0	5.40	3.8	SR12	12/8/2018 7:51	22.71	79.4	5.73	2.0	SR12	12/8/2018 13:51	22.17	80.4	5.81	1.9	SR12	12/8/2018 19:51	22.08	78.6	5.69	3.3
SR12	12/8/2018 1:56	23.19	74.1	5.41	5.7	SR12	12/8/2018 7:56	22.63	79.6	5.74	2.9	SR12	12/8/2018 13:56	22.18	80.8	5.84	4.3	SR12	12/8/2018 19:56	22.09	77.8	5.63	3.6
SR12	12/8/2018 2:01	23.19	74.0	5.40	3.7	SR12	12/8/2018 8:01	22.26	79.1	5.71	2.0	SR12	12/8/2018 14:01	22.17	81.1	5.86	3.0	SR12	12/8/2018 20:01	22.10	78.9	5.70	4.4
SR12	12/8/2018 2:06	23.18	74.0	5.40	7.1	SR12	12/8/2018 8:06	22.27	80.4	5.80	2.6	SR12	12/8/2018 14:06	22.17	80.7	5.84	2.9	SR12	12/8/2018 20:06	22.09	78.2	5.66	3.1
SR12	12/8/2018 2:11	23.18	74.4	5.43	6.6	SR12	12/8/2018 8:11	22.28	79.8	5.75	2.9	SR12	12/8/2018 14:11	22.16	80.3	5.80	3.1	SR12	12/8/2018 20:11	22.09	78.1	5.65	2.2
SR12	12/8/2018 2:16	23.17	74.3	5.42	5.5	SR12	12/8/2018 8:16	22.26	80.4	5.80	4.8	SR12	12/8/2018 14:16	22.16	80.2	5.79	2.0	SR12	12/8/2018 20:16	22.09	77.8	5.63	3.2
SR12	12/8/2018 2:21	23.18	74.1	5.41	6.4	SR12	12/8/2018 8:21	22.26	81.7	5.89	4.2	SR12	12/8/2018 14:21	22.17	80.8	5.84	3.7	SR12	12/8/2018 20:21	22.10	75.7	5.47	8.8
SR12	12/8/2018 2:26	23.19	73.4	5.36	7.1	SR12	12/8/2018 8:26	22.26	81.6	5.89	2.9	SR12	12/8/2018 14:26	22.16	80.7	5.83	2.9	SR12	12/8/2018 20:26	22.09	77.6	5.62	3.3
SR12	12/8/2018 2:31	23.18	74.1	5.41	5.9	SR12	12/8/2018 8:31	22.26	81.4	5.88	4.6	SR12	12/8/2018 14:31	22.16	80.7	5.83	4.0	SR12	12/8/2018 20:31	22.11	77.0	5.58	2.0
SR12	12/8/2018 2:36	23.19	73.7	5.38	6.9	SR12	12/8/2018 8:36	22.26	81.9	5.91	2.5	SR12	12/8/2018 14:36	22.17	81.0	5.85	3.4	SR12	12/8/2018 20:36	22.10	77.7	5.63	4.4
SR12	12/8/2018 2:41	23.20	73.4	5.36	6.4	SR12	12/8/2018 8:41	22.25	81.6	5.89	4.9	SR12	12/8/2018 14:41	22.16	80.7	5.83	2.2	SR12	12/8/2018 20:41	22.09	78.4	5.67	4.9
SR12	12/8/2018 2:46	23.19	73.4	5.36	6.0	SR12	12/8/2018 8:46	22.26	80.5	5.81	4.0	SR12	12/8/2018 14:46	22.15	80.5	5.82	2.2	SR12	12/8/2018 20:46	22.09	77.3	5.60	3.8
SR12	12/8/2018 2:51	23.18	73.4	5.36	4.9	SR12	12/8/2018 8:51	22.24	81.2	5.86	5.1	SR12	12/8/2018 14:51	22.16	80.4	5.81	3.3	SR12	12/8/2018 20:51	22.09	77.8	5.63	1.3
SR12	12/8/2018 2:56	23.18	73.8	5.39	7.1	SR12	12/8/2018 8:56	22.23	81.4	5.88	4.6	SR12	12/8/2018 14:56	22.16	80.2	5.80	3.7	SR12	12/8/2018 20:56	22.08	78.0	5.65	3.0
SR12	12/8/2018 3:01	23.20	73.3	5.35	4.0	SR12	12/8/2018 9:01	22.23	80.5	5.82	2.7	SR12	12/8/2018 15:01	22.16	80.6	5.83	3.4	SR12	12/8/2018 21:01	22.08	78.1	5.65	3.9
SR12	12/8/2018 3:06	23.18	73.8	5.39	3.9	SR12	12/8/2018 9:06	22.20	80.3	5.81	2.4	SR12	12/8/2018 15:06	22.16	80.8	5.84	1.9	SR12	12/8/2018 21:06	22.20	67.5	4.88	3.0
SR12	12/8/2018 3:11	23.18	74.3	5.42	5.8	SR12	12/8/2018 9:11	22.21	79.9	5.78	3.7	SR12	12/8/2018 15:11	22.16	79.4	5.74	1.6	SR12	12/8/2018 21:11	22.11	74.1	5.36	3.4
SR12	12/8/2018 3:16	23.19	73.4	5.36	7.0	SR12	12/8/2018 9:16	22.21	80.5	5.82	2.4	SR12	12/8/2018 15:16	22.16	80.0	5.78	2.1	SR12	12/8/2018 21:16	22.10	74.6	5.40	3.1
SR12	12/8/2018 3:21	23.18	74.0	5.40	6.5	SR12	12/8/2018 9:21	22.22	80.6	5.82	3.1	SR12	12/8/2018 15:21	22.16	79.9	5.77	2.9	SR12	12/8/2018 21:21	22.09	74.0	5.36	3.7
SR12	12/8/2018 3:26	23.18	73.7	5.38	7.9	SR12	12/8/2018 9:26	22.22	79.8	5.76	4.1	SR12	12/8/2018 15:26	22.16	80.0	5.78	3.6	SR12	12/8/2018 21:26	22.09	74.4	5.39	3.6
SR12	12/8/2018 3:31	23.18	73.2	5.34	4.8	SR12	12/8/2018 9:31	22.23	79.8	5.77	3.5	SR12	12/8/2018 15:31	22.16	80.1	5.79	2.3	SR12	12/8/2018 21:31	22.07	75.8	5.49	5.0
SR12	12/8/2018 3:36	23.18	73.4	5.36	5.6	SR12	12/8/2018 9:36	22.23	79.7	5.76	2.6	SR12	12/8/2018 15:36	22.15	80.0	5.79	5.0	SR12	12/8/2018 21:36	22.08	75.7	5.48	1.9
SR12	12/8/2018 3:41	23.18	73.7	5.38	4.0	SR12	12/8/2018 9:41	22.23	79.9	5.77	2.2	SR12	12/8/2018 15:41	22.15	79.9	5.78	3.7	SR12	12/8/2018 21:41	22.08	74.7	5.41	2.0
SR12	12/8/2018 3:46	23.18	73.7	5.38	7.4	SR12	12/8/2018 9:46	22.24	80.2	5.79	2.7	SR12	12/8/2018 15:46	22.16	80.2	5.79	2.9	SR12	12/8/2018 21:46	22.07	74.2	5.37	4.4
SR12	12/8/2018 3:51	23.19	74.0	5.40	3.6	SR12	12/8/2018 9:51	22.24	80.5	5.82	3.8	SR12	12/8/2018 15:51	22.16	80.5	5.82	4.2	SR12	12/8/2018 21:51	22.10	73.9	5.35	1.9
SR12	12/8/2018 3:56	23.19	73.7	5.38	5.9	SR12	12/8/2018 9:56	22.25	81.3	5.87	1.3	SR12	12/8/2018 15:56	22.16	80.0	5.78	2.6	SR12	12/8/2018 21:56	22.09	74.8	5.41	3.3
SR12	12/8/2018 4:01	23.17	73.8	5.39	5.3	SR12	12/8/2018 10:01	22.24	80.7	5.83	3.5	SR12	12/8/2018 16:01	22.15	79.2	5.72	2.4	SR12	12/8/2018 22:01	22.08	75.3	5.45	3.1
SR12	12/8/2018 4:06	23.15	75.1	5.48	7.5	SR12	12/8/2018 10:06	22.24	80.2	5.79	2.7	SR12	12/8/2018 16:06	22.14	80.1	5.79	2.9	SR12	12/8/2018 22:06	22.15	73.2	5.30	2.3
SR12	12/8/2018 4:11	23.15	75.4	5.50	5.5	SR12	12/8/2018 10:11	22.24	80.2	5.79	2.8	SR12	12/8/2018 16:11	22.14	78.1	5.64	2.3	SR12	12/8/2018 22:11	22.09	74.4	5.39	3.7
SR12	12/8/2018 4:16	23.16	75.2	5.49	4.7	SR12	12/8/2018 10:16	22.24	79.9	5.77	2.4	SR12	12/8/2018 16:16	22.15	79.4	5.74	3.2	SR12	12/8/2018 22:16	22.08	76.5	5.54	3.4
SR12	12/8/2018 4:21	23.15	75.1	5.48	5.7	SR12	12/8/2018 10:21	22.23	80.3	5.80	4.7	SR12	12/8/2018 16:21	22.14	78.7	5.68	3.0	SR12	12/8/2018 22:21	22.08	76.8	5.56	3.4
SR12	12/8/2018 4:26	23.15	75.4	5.50	3.8	SR12	12/8/2018 10:26	22.24	79.5	5.74	3.5	SR12	12/8/2018 16:26	22.14	79.2	5.72	1.6	SR12	12/8/2018 22:26	22.08	77.1	5.58	2.3
SR12	12/8/2018 4:31	23.16	75.4	5.50	6.7	SR12	12/8/2018 10:31	22.24	79.3	5.73	4.8	SR12	12/8/2018 16:31	22.15	78.4	5.67	2.7	SR12	12/8/2018 22:31	22.09	78.4	5.68	3.9
SR12	12/8/2018 4:36	23.16	75.4	5.50	7.7	SR12	12/8/2018 10:36	22.23	79.4	5.73	4.4	SR12	12/8/2018 16:36	22.15	78.0	5.64	3.3	SR12	12/8/2018 22:36	22.09	78.9	5.71	2.6
SR12	12/8/2018 4:41	23.17	74.8	5.46	3.5	SR12	12/8/2018 10:41	22.23	80.6	5.82	1.3	SR12	12/8/2018 16:41	22.15	77.9	5.63	3.3	SR12	12/8/2018 22:41	22.09	78.6	5.69	2.5
SR12	12/8/2018 4:46	23.16	75.5	5.51	6.0	SR12	12/8/2018 10:46	22.23	80.0	5.77	2.5	SR12	12/8/2018 16:46	22.15	78.6	5.68	3.7	SR12	12/8/2018 22:46	22.06	79.6	5.77	2.8
SR12	12/8/2018 4:51	23.15	76.0	5.55	5.3	SR12	12/8/2018 10:51	22.22	81.5	5.89	4.5	SR12	12/8/2018 16:51	22.15	77.8	5.62	3.6	SR12	12/8/2018 22:51	22.08	79.2	5.73	4.2
SR12	12/8/2018 4:56	23.16	75.4	5.50	4.2	SR12	12/8/2018 10:56	22.22	80.8	5.83	2.6	SR12	12/8/2018 16:56	22.15	78.9	5.70	2.7	SR12	12/8/2018 22:56	22.06	79.6	5.77	1.7
SR12	12/8/2018 5:01	23.15	75.9	5.54	4.2	SR12	12/8/2018 11:01	22.21	81.2	5.87	2.4	SR12	12/8/2018 17:01	22.15	78.8	5.70	2.8	SR12	12/8/2018 23:01	22.05	80.1	5.80	3.4
SR12	12/8/2018 5:06	23.15	75.5	5.51	5.6	SR12	12/8/2018 11:06	22.21	81.0	5.85	3.0	SR12	12/8/2018 17:06	22.15	78.2	5.65	3.1	SR12	12/8/2018 23:06	22.07	80.4	5.82	3.1
SR12	12/8/2018 5:11	23.14	75.4	5.50	4.6	SR12	12/8/2018 11:11	22.21	81.5	5.89	3.9	SR12	12/8/2018 17:11	22.14	79.6	5.75	4.3	SR12	12/8/2018 23:11	22.06	80.4	5.82	3.3
SR12	12/8/2018 5:16	23.14	75.4	5.50	5.5	SR12	12/8/2018 11:16	22.20	80.6	5.83	4.5	SR12	12/8/2018 17:16	22.14	80.2	5.79	2.3	SR12	12/8/2018 23:16	22.05	78.3	5.67	2.3
SR12	12/8/2018 5:21	23.14	75.8	5.53	7.4	SR12	12/8/2018 11:21	22.20	80.3	5.80	2.9	SR12	12/8/2018 17:21	22.14	80.1	5.79	4.1	SR12	12/8/2018 23:21	22.07	80.0	5.78	2.2
SR12	12/8/2018 5:26	23.15	75.6	5.52	4.4	SR12	12/8/2018 11:26	22.20	80.6	5.82	4.9	SR12	12/8/2018 17:26	22.14	79.4	5.74	2.3	SR12	12/8/2018 23:26	22.05	80.2	5.81	3.7
SR12	12/8/2018 5:31	23.17	75.5	5.51	3.8	SR12	12/8/2018 11:31	22.18	80.7	5.83	3.0	SR12	12/8/2018 17:31	22.11	79.9	5.78	4.3	SR12	12/8/2018 23:31	22.06	80.2	5.80	3.3
SR12	12/8/2018 5:36	23.15	75.4	5.50	5.9	SR12	12/8/2018 11:36	22.19	79.8	5.77	3.9	SR12	12/8/2018 17:36	22.12	80.4	5.82	3.6	SR12	12/8/2018 23:36	22.04	79.8	5.78	3.7
SR12	12/8/2018 5:41	23.15	75.6	5.52	4.9	SR12	12/8/2018 11:41	22.19	80.6	5.82	4.4	SR12	12/8/2018 17:41	22.10	80.0	5.79	4.4	SR12	12/8/2018 23:41	22.01	80.6	5.84	3.9
SR12	12/8/2018 5:46	23.14	75.9	5.54	4.3	SR12	12/8/2018 11:46	22.22	80.4	5.81	1.2	SR12	12/8/2018 17:46	22.11	80.3	5.80	4.0	SR12	12/8/2018 23:46	21.97	79.5	5.76	3.3
SR12	12/8/2018 5:51	23.14	75.5	5.51	5.5	SR12	12/8/2018 11:51	22.20	80.4	5.82	3.0	SR12	12/8/2018 17:51	22.12	79.7	5.76	4.9	SR12	12/8/2018 23:51	21.89	75.7	5.50	5.1
SR12	12/8/2018 5:56	23.14	76.0	5.55	4.0	SR12	12/8/2018 11:56	22.20	80.2	5.80	3.5	SR12	12/8/2018 17:56	22.12	80.2	5.81	3.0	SR12	12/8/2018 23:56	21.98	75.7	5.49	3.6

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/8/2018 0:00	22.63	84.2	6.24	3.5	SR13	12/8/2018 6:00	22.60	87.5	6.48	2.9	SR13	12/8/2018 12:00	22.28	82.6	5.81	5.0	SR13	12/8/2018 18:00	22.20	82.6	5.81	6.2
SR13	12/8/2018 0:05	22.63	82.8	6.13	3.2	SR13	12/8/2018 6:05	22.61	87.5	6.48	3.5	SR13	12/8/2018 12:05	22.28	83.1	5.84	2.8	SR13	12/8/2018 18:05	22.23	81.9	5.76	5.6
SR13	12/8/2018 0:10	22.62	83.9	6.22	2.4	SR13	12/8/2018 6:10	22.61	87.6	6.49	2.3	SR13	12/8/2018 12:10	22.28	82.7	5.82	4.9	SR13	12/8/2018 18:10	22.21	81.9	5.76	4.9
SR13	12/8/2018 0:15	22.63	84.3	6.24	2.9	SR13	12/8/2018 6:15	22.62	87.3	6.46	2.1	SR13	12/8/2018 12:15	22.28	82.5	5.81	2.7	SR13	12/8/2018 18:15	22.20	81.9	5.76	1.5
SR13	12/8/2018 0:20	22.62	84.9	6.28	3.3	SR13	12/8/2018 6:20	22.61	87.4	6.46	2.6	SR13	12/8/2018 12:20	22.28	82.7	5.81	5.7	SR13	12/8/2018 18:20	22.19	80.7	5.68	5.2
SR13	12/8/2018 0:25	22.63	85.1	6.31	2.2	SR13	12/8/2018 6:25	22.60	86.9	6.43	2.7	SR13	12/8/2018 12:25	22.28	82.2	5.78	2.5	SR13	12/8/2018 18:25	22.18	82.3	5.80	2.8
SR13	12/8/2018 0:30	22.62	85.9	6.36	4.2	SR13	12/8/2018 6:30	22.60	86.9	6.43	2.4	SR13	12/8/2018 12:30	22.28	82.3	5.79	6.1	SR13	12/8/2018 18:30	22.17	82.7	5.82	2.9
SR13	12/8/2018 0:35	22.62	86.4	6.41	1.8	SR13	12/8/2018 6:35	22.60	87.2	6.46	2.7	SR13	12/8/2018 12:35	22.28	82.6	5.81	5.7	SR13	12/8/2018 18:35	22.17	82.7	5.82	6.4
SR13	12/8/2018 0:40	22.62	86.4	6.41	2.2	SR13	12/8/2018 6:40	22.61	87.3	6.46	2.4	SR13	12/8/2018 12:40	22.29	82.3	5.79	3.2	SR13	12/8/2018 18:40	22.19	82.4	5.80	6.6
SR13	12/8/2018 0:45	22.61	86.3	6.39	2.6	SR13	12/8/2018 6:45	22.61	86.3	6.39	3.2	SR13	12/8/2018 12:45	22.29	82.6	5.81	3.1	SR13	12/8/2018 18:45	22.21	82.2	5.78	5.5
SR13	12/8/2018 0:50	22.61	86.8	6.42	3.5	SR13	12/8/2018 6:50	22.61	86.7	6.42	2.9	SR13	12/8/2018 12:50	22.29	81.9	5.76	2.0	SR13	12/8/2018 18:50	22.20	82.2	5.78	4.7
SR13	12/8/2018 0:55	22.62	87.0	6.44	2.6	SR13	12/8/2018 6:55	22.60	87.0	6.44	2.6	SR13	12/8/2018 12:55	22.24	80.9	5.69	1.9	SR13	12/8/2018 18:55	22.18	82.4	5.80	4.9
SR13	12/8/2018 1:00	22.63	87.3	6.47	2.4	SR13	12/8/2018 7:00	22.61	86.5	6.40	2.3	SR13	12/8/2018 13:00	22.22	80.8	5.70	4.5	SR13	12/8/2018 19:00	22.17	82.3	5.79	2.4
SR13	12/8/2018 1:05	22.62	87.1	6.46	2.1	SR13	12/8/2018 7:05	22.63	86.0	6.36	2.2	SR13	12/8/2018 13:05	22.31	81.7	5.75	2.6	SR13	12/8/2018 19:05	22.20	81.6	5.75	6.4
SR13	12/8/2018 1:10	22.61	87.7	6.51	2.1	SR13	12/8/2018 7:10	22.62	86.0	6.37	2.9	SR13	12/8/2018 13:10	22.24	80.4	5.67	5.8	SR13	12/8/2018 19:10	22.20	81.7	5.74	5.3
SR13	12/8/2018 1:15	22.60	87.6	6.49	2.9	SR13	12/8/2018 7:15	22.64	86.5	6.40	2.7	SR13	12/8/2018 13:15	22.28	81.0	5.70	3.3	SR13	12/8/2018 19:15	22.19	81.2	5.71	1.6
SR13	12/8/2018 1:20	22.60	88.2	6.53	3.4	SR13	12/8/2018 7:20	22.65	86.5	6.40	1.8	SR13	12/8/2018 13:20	22.29	81.0	5.70	6.1	SR13	12/8/2018 19:20	22.20	81.7	5.74	1.9
SR13	12/8/2018 1:25	22.59	86.7	6.42	3.3	SR13	12/8/2018 7:25	22.64	86.6	6.41	3.6	SR13	12/8/2018 13:25	22.28	81.9	5.75	3.6	SR13	12/8/2018 19:25	22.21	81.6	5.74	3.9
SR13	12/8/2018 1:30	22.60	86.5	6.40	3.5	SR13	12/8/2018 7:30	22.66	86.4	6.39	2.0	SR13	12/8/2018 13:30	22.25	79.9	5.31	6.1	SR13	12/8/2018 19:30	22.20	81.2	5.71	3.0
SR13	12/8/2018 1:35	22.61	86.8	6.43	2.2	SR13	12/8/2018 7:35	22.73	86.1	6.38	2.9	SR13	12/8/2018 13:35	22.25	77.4	**5.15**	5.2	SR13	12/8/2018 19:35	22.20	82.1	5.78	3.8
SR13	12/8/2018 1:40	22.62	86.2	6.38	2.8	SR13	12/8/2018 7:40	22.75	86.4	6.39	2.3	SR13	12/8/2018 13:40	22.26	77.5	**5.15**	5.4	SR13	12/8/2018 19:40	22.19	82.2	5.79	6.5
SR13	12/8/2018 1:45	22.61	87.0	6.44	2.7	SR13	12/8/2018 7:45	22.77	86.5	6.40	3.3	SR13	12/8/2018 13:45	22.23	79.4	5.28	6.6	SR13	12/8/2018 19:45	22.20	82.0	5.77	2.5
SR13	12/8/2018 1:50	22.62	86.9	6.43	2.4	SR13	12/8/2018 7:50	22.77	86.4	6.39	2.7	SR13	12/8/2018 13:50	22.25	82.4	5.80	5.5	SR13	12/8/2018 19:50	22.20	82.0	5.77	5.9
SR13	12/8/2018 1:55	22.61	87.3	6.47	2.0	SR13	12/8/2018 7:55	22.71	85.8	6.35	2.8	SR13	12/8/2018 13:55	22.24	82.8	5.82	4.5	SR13	12/8/2018 19:55	22.21	82.1	5.78	1.7
SR13	12/8/2018 2:00	22.62	87.9	6.51	3.0	SR13	12/8/2018 8:00	22.72	85.6	6.33	3.0	SR13	12/8/2018 14:00	22.24	82.7	5.81	5.3	SR13	12/8/2018 20:00	22.20	82.0	5.77	5.7
SR13	12/8/2018 2:05	22.62	86.6	6.42	3.3	SR13	12/8/2018 8:05	22.73	85.6	6.34	2.7	SR13	12/8/2018 14:05	22.26	81.9	5.76	1.6	SR13	12/8/2018 20:05	22.19	81.6	5.75	6.5
SR13	12/8/2018 2:10	22.62	86.4	6.40	1.9	SR13	12/8/2018 8:10	22.73	86.1	6.38	2.4	SR13	12/8/2018 14:10	22.26	81.5	5.74	5.8	SR13	12/8/2018 20:10	22.19	82.4	5.80	3.0
SR13	12/8/2018 2:15	22.63	87.0	6.45	1.8	SR13	12/8/2018 8:15	22.71	86.0	6.36	2.4	SR13	12/8/2018 14:15	22.27	82.1	5.78	5.9	SR13	12/8/2018 20:15	22.23	82.3	5.80	4.1
SR13	12/8/2018 2:20	22.61	85.8	6.36	3.6	SR13	12/8/2018 8:20	22.71	85.9	6.36	2.2	SR13	12/8/2018 14:20	22.28	82.0	5.77	3.3	SR13	12/8/2018 20:20	22.19	82.4	5.80	2.7
SR13	12/8/2018 2:25	22.61	87.0	6.45	3.3	SR13	12/8/2018 8:25	22.62	88.2	6.50	2.3	SR13	12/8/2018 14:25	22.26	82.1	5.78	1.9	SR13	12/8/2018 20:25	22.19	82.3	5.80	3.1
SR13	12/8/2018 2:30	22.61	87.5	6.49	2.5	SR13	12/8/2018 8:30	22.57	88.0	6.49	2.1	SR13	12/8/2018 14:30	22.26	82.6	5.82	6.5	SR13	12/8/2018 20:30	22.17	82.5	5.81	2.8
SR13	12/8/2018 2:35	22.61	87.2	6.46	2.3	SR13	12/8/2018 8:35	22.56	86.5	6.38	2.0	SR13	12/8/2018 14:35	22.26	82.2	5.79	4.8	SR13	12/8/2018 20:35	22.18	82.7	5.83	4.1
SR13	12/8/2018 2:40	22.62	86.9	6.44	2.8	SR13	12/8/2018 8:40	22.53	87.0	6.41	1.9	SR13	12/8/2018 14:40	22.26	82.7	5.82	5.8	SR13	12/8/2018 20:40	22.18	82.5	5.81	6.5
SR13	12/8/2018 2:45	22.60	86.8	6.44	2.3	SR13	12/8/2018 8:45	22.43	86.1	6.35	1.5	SR13	12/8/2018 14:45	22.23	82.0	5.77	2.4	SR13	12/8/2018 20:45	22.19	82.4	5.80	4.0
SR13	12/8/2018 2:50	22.61	86.0	6.38	3.2	SR13	12/8/2018 8:50	22.45	86.7	6.39	2.1	SR13	12/8/2018 14:50	22.22	81.6	5.75	2.7	SR13	12/8/2018 20:50	22.19	82.0	5.77	5.2
SR13	12/8/2018 2:55	22.61	86.3	6.40	2.9	SR13	12/8/2018 8:55	22.47	86.0	6.34	1.9	SR13	12/8/2018 14:55	22.23	81.2	5.73	2.6	SR13	12/8/2018 20:55	22.19	82.7	5.82	4.0
SR13	12/8/2018 3:00	22.61	86.0	6.37	3.1	SR13	12/8/2018 9:00	22.47	86.2	6.36	2.5	SR13	12/8/2018 15:00	22.26	82.7	5.83	5.7	SR13	12/8/2018 21:00	22.19	82.2	5.79	1.6
SR13	12/8/2018 3:05	22.60	85.9	6.37	3.1	SR13	12/8/2018 9:05	22.48	86.2	6.35	2.1	SR13	12/8/2018 15:05	22.27	83.4	5.87	2.0	SR13	12/8/2018 21:05	22.19	81.8	5.77	3.6
SR13	12/8/2018 3:10	22.62	85.7	6.35	3.4	SR13	12/8/2018 9:10	22.47	86.4	6.37	1.9	SR13	12/8/2018 15:10	22.27	83.2	5.86	3.1	SR13	12/8/2018 21:10	22.20	82.1	5.78	5.1
SR13	12/8/2018 3:15	22.61	86.2	6.39	2.9	SR13	12/8/2018 9:15	22.46	86.1	6.34	2.5	SR13	12/8/2018 15:15	22.27	83.7	5.90	5.3	SR13	12/8/2018 21:15	22.20	81.9	5.77	6.4
SR13	12/8/2018 3:20	22.61	86.2	6.39	3.3	SR13	12/8/2018 9:20	22.45	86.2	6.35	1.6	SR13	12/8/2018 15:20	22.26	84.0	5.92	6.0	SR13	12/8/2018 21:20	22.20	81.7	5.76	2.2
SR13	12/8/2018 3:25	22.62	86.6	6.41	2.4	SR13	12/8/2018 9:25	22.42	86.0	6.33	2.7	SR13	12/8/2018 15:25	22.27	84.0	5.92	4.3	SR13	12/8/2018 21:25	22.19	82.4	5.80	2.1
SR13	12/8/2018 3:30	22.61	85.9	6.37	2.9	SR13	12/8/2018 9:30	22.41	86.6	6.38	2.2	SR13	12/8/2018 15:30	22.26	83.5	5.88	5.4	SR13	12/8/2018 21:30	22.19	81.7	5.75	4.2
SR13	12/8/2018 3:35	22.61	85.7	6.35	2.7	SR13	12/8/2018 9:35	22.32	80.8	5.69	2.8	SR13	12/8/2018 15:35	22.26	81.8	5.75	2.3	SR13	12/8/2018 21:35	22.19	82.5	5.81	1.9
SR13	12/8/2018 3:40	22.62	86.1	6.38	3.2	SR13	12/8/2018 9:40	22.31	81.4	5.73	1.5	SR13	12/8/2018 15:40	22.26	81.7	5.74	5.8	SR13	12/8/2018 21:40	22.19	83.0	5.84	3.9
SR13	12/8/2018 3:45	22.62	85.6	6.34	2.3	SR13	12/8/2018 9:45	22.31	82.7	5.82	4.2	SR13	12/8/2018 15:45	22.26	82.4	5.79	4.7	SR13	12/8/2018 21:45	22.19	83.0	5.84	1.8
SR13	12/8/2018 3:50	22.61	85.8	6.36	2.1	SR13	12/8/2018 9:50	22.28	80.9	5.70	4.0	SR13	12/8/2018 15:50	22.26	82.3	5.79	4.5	SR13	12/8/2018 21:50	22.19	80.4	5.66	2.8
SR13	12/8/2018 3:55	22.62	86.4	6.40	2.6	SR13	12/8/2018 9:55	22.27	81.5	5.74	3.3	SR13	12/8/2018 15:55	22.27	82.1	5.77	5.2	SR13	12/8/2018 21:55	22.19	82.1	5.77	6.5
SR13	12/8/2018 4:00	22.64	86.0	6.37	3.1	SR13	12/8/2018 10:00	22.29	81.9	5.77	4.8	SR13	12/8/2018 16:00	22.26	82.3	5.79	3.2	SR13	12/8/2018 22:00	22.19	82.3	5.80	3.4
SR13	12/8/2018 4:05	22.62	86.1	6.37	2.8	SR13	12/8/2018 10:05	22.29	82.3	5.80	3.4	SR13	12/8/2018 16:05	22.26	82.2	5.78	3.3	SR13	12/8/2018 22:05	22.19	82.1	5.78	1.9
SR13	12/8/2018 4:10	22.62	86.2	6.38	3.2	SR13	12/8/2018 10:10	22.27	81.8	5.77	1.6	SR13	12/8/2018 16:10	22.26	81.4	5.73	3.6	SR13	12/8/2018 22:10	22.19	82.4	5.80	1.5
SR13	12/8/2018 4:15	22.62	85.6	6.33	2.1	SR13	12/8/2018 10:15	22.27	81.7	5.76	5.3	SR13	12/8/2018 16:15	22.26	81.7	5.75	3.0	SR13	12/8/2018 22:15	22.18	82.9	5.84	2.2
SR13	12/8/2018 4:20	22.63	85.5	6.33	2.8	SR13	12/8/2018 10:20	22.30	83.0	5.84	2.6	SR13	12/8/2018 16:20	22.27	81.4	5.73	3.3	SR13	12/8/2018 22:20	22.18	82.5	5.81	2.0
SR13	12/8/2018 4:25	22.61	86.1	6.37	2.0	SR13	12/8/2018 10:25	22.30	82.7	5.82	2.5	SR13	12/8/2018 16:25	22.27	81.3	5.72	6.3	SR13	12/8/2018 22:25	22.17	82.9	5.84	2.5
SR13	12/8/2018 4:30	22.61	85.2	6.31	2.9	SR13	12/8/2018 10:30	22.30	82.9	5.83	2.9	SR13	12/8/2018 16:30	22.27	81.5	5.73	1.6	SR13	12/8/2018 22:30	22.18	82.8	5.83	2.6
SR13	12/8/2018 4:35	22.63	85.9	6.36	1.7	SR13	12/8/2018 10:35	22.30	82.8	5.82	5.9	SR13	12/8/2018 16:35	22.26	81.8	5.75	3.1	SR13	12/8/2018 22:35	22.15	84.0	5.91	2.2
SR13	12/8/2018 4:40	22.62	85.7	6.35	2.5	SR13	12/8/2018 10:40	22.30	82.2	5.78	6.1	SR13	12/8/2018 16:40	22.26	82.3	5.78	2.5	SR13	12/8/2018 22:40	22.14	84.5	5.94	2.0
SR13	12/8/2018 4:45	22.61	86.4	6.40	2.5	SR13	12/8/2018 10:45	22.30	81.6	5.74	4.6	SR13	12/8/2018 16:45	22.26	81.6	5.74	4.3	SR13	12/8/2018 22:45	22.17	83.3	5.87	2.3
SR13	12/8/2018 4:50	22.62	86.8	6.43	2.9	SR13	12/8/2018 10:50	22.30	82.2	5.78	6.4	SR13	12/8/2018 16:50	22.26	82.0	5.77	3.4	SR13	12/8/2018 22:50	22.31	86.8	6.43	2.1
SR13	12/8/2018 4:55	22.61	86.2	6.38	3.0	SR13	12/8/2018 10:55	22.29	81.1	5.71	4.8	SR13	12/8/2018 16:55	22.26	83.0	5.83	3.5	SR13	12/8/2018 22:55	22.29	87.1	6.45	2.1
SR13	12/8/2018 5:00	22.60	86.2	6.38	2.1	SR13	12/8/2018 11:00	22.28	81.2	5.72	3.2	SR13	12/8/2018 17:00	22.26	83.3	5.86	3.6	SR13	12/8/2018 23:00	22.28	87.5	6.47	1.9
SR13	12/8/2018 5:05	22.61	87.3	6.46	2.8	SR13	12/8/2018 11:05	22.28	81.9	5.77	4.5	SR13	12/8/2018 17:05	22.26	82.7	5.81	2.7	SR13	12/8/2018 23:05	22.28	87.6	6.48	1.8
SR13	12/8/2018 5:10	22.60	87.4	6.46	1.8	SR13	12/8/2018 11:10	22.29	82.5	5.80	2.5	SR13	12/8/2018 17:10	22.26	82.9	5.84	5.2	SR13	12/8/2018 23:10	22.30	88.0	6.51	1.9
SR13	12/8/2018 5:15	22.61	86.8	6.42	2.9	SR13	12/8/2018 11:15	22.29	82.7	5.81	1.7	SR13	12/8/2018 17:15	22.26	82.6	5.81	2.0	SR13	12/8/2018 23:15	22.29	88.2	6.53	2.2
SR13	12/8/2018 5:20	22.61	87.0	6.43	3.3	SR13	12/8/2018 11:20	22.29	82.8	5.82	3.7	SR13	12/8/2018 17:20	22.25	82.8	5.82	2.0	SR13	12/8/2018 23:20	22.29	88.2	6.53	1.7
SR13	12/8/2018 5:25	22.60	86.6	6.40	2.3	SR13	12/8/2018 11:25	22.27	82.0	5.78	3.9	SR13	12/8/2018 17:25	22.25	82.3	5.79	5.7	SR13	12/8/2018 23:25	22.28	88.1	6.52	2.0
SR13	12/8/2018 5:30	22.61	87.5	6.48	2.9	SR13	12/8/2018 11:30	22.29	82.8	5.83	2.6	SR13	12/8/2018 17:30	22.25	82.4	5.79	2.8	SR13	12/8/2018 23:30	22.28	89.0	6.59	1.8
SR13	12/8/2018 5:35	22.62	87.2	6.45	2.8	SR13	12/8/2018 11:35	22.29	82.9	5.84	4.1	SR13	12/8/2018 17:35	22.24	81.7	5.75	3.0	SR13	12/8/2018 23:35	22.28	88.5	6.55	2.5
SR13	12/8/2018 5:40	22.62	87.4	6.47	2.6	SR13	12/8/2018 11:40	22.29	82.7	5.82	2.2	SR13	12/8/2018 17:40	22.24	81.8	5.75	5.2	SR13	12/8/2018 23:40	22.28	88.5	6.55	1.5
SR13	12/8/2018 5:45	22.63	87.6	6.48	1.9	SR13	12/8/2018 11:45	22.29	83.1	5.85	1.6	SR13	12/8/2018 17:45	22.24	81.3	5.72	2.6	SR13	12/8/2018 23:45	22.28	88.8	6.57	2.5
SR13	12/8/2018 5:50	22.64	87.3	6.46	2.4	SR13	12/8/2018 11:50	22.29	82.8	5.83	3.9	SR13	12/8/2018 17:50	22.18	82.2	5.78	6.4	SR13	12/8/2018 23:50	22.28	88.2	6.52	2.2
SR13	12/8/2018 5:55	22.63	87.6	6.48	2.3	SR13	12/8/2018 11:55	22.28	82.8	5.82	1.8	SR13	12/8/2018 17:55	22.21	82.2	5.78	3.5	SR13	12/8/2018 23:55	22.27	89.0	6.58	2.1

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	12/8/2018 0:17	0.02				SR12	12/8/2018 0:17	0.01			
SR4	12/8/2018 0:37	0.01				SR12	12/8/2018 0:37	0.02			
SR4	12/8/2018 0:57	0.01				SR12	12/8/2018 0:57	0.01			
SR4	12/8/2018 1:17	0.01				SR12	12/8/2018 1:17	0.01			
SR4	12/8/2018 1:37	0.01				SR12	12/8/2018 1:37	0.03			
SR4	12/8/2018 1:57	0.01				SR12	12/8/2018 1:57	0.01			
SR4	12/8/2018 2:17	0.01				SR12	12/8/2018 2:17	0.03			
SR4	12/8/2018 2:37	0.01				SR12	12/8/2018 2:37	0.01			
SR4	12/8/2018 2:57	0.01				SR12	12/8/2018 2:57	0.03			
SR4	12/8/2018 3:17	0.01				SR12	12/8/2018 3:17	0.02			
SR4	12/8/2018 3:37	0.01				SR12	12/8/2018 3:37	0.04			
SR4	12/8/2018 3:57	0.01				SR12	12/8/2018 3:57	0.02			
SR4	12/8/2018 4:17	0.01				SR12	12/8/2018 4:17	0.02			
SR4	12/8/2018 4:37	0.01				SR12	12/8/2018 4:37	0.04			
SR4	12/8/2018 4:57	0.01				SR12	12/8/2018 4:57	0.05			
SR4	12/8/2018 5:17	0.01				SR12	12/8/2018 5:17	0.06			
SR4	12/8/2018 5:37	0.01				SR12	12/8/2018 5:37	0.07			
SR4	12/8/2018 5:57	0.03				SR12	12/8/2018 5:57	0.05			
SR4						SR12					
SR4	12/8/2018 6:37	0.04				SR12	12/8/2018 6:37	0.08			
SR4	12/8/2018 6:57	0.05				SR12	12/8/2018 6:57	0.10			
SR4	12/8/2018 7:17	0.05				SR12	12/8/2018 7:17	0.11			
SR4	12/8/2018 7:37	0.06				SR12	12/8/2018 7:37	0.09			
SR4	12/8/2018 7:57	0.07				SR12	12/8/2018 7:57	0.12			
SR4	12/8/2018 8:17	0.07				SR12	12/8/2018 8:17	0.17			
SR4	12/8/2018 8:37	0.08				SR12	12/8/2018 8:37	0.16			
SR4	12/8/2018 8:57	0.08				SR12	12/8/2018 8:57	0.13			
SR4	12/8/2018 9:17	0.04				SR12	12/8/2018 9:17	0.11			
SR4	12/8/2018 9:37	0.05				SR12	12/8/2018 9:37	0.10			
SR4	12/8/2018 9:57	0.05				SR12	12/8/2018 9:57	0.12			
SR4	12/8/2018 10:17	0.02				SR12	12/8/2018 10:17	0.10			
SR4	12/8/2018 10:37	0.04				SR12	12/8/2018 10:37	0.08			
SR4	12/8/2018 10:57	0.04				SR12	12/8/2018 10:57	0.09			
SR4	12/8/2018 11:17	0.04				SR12	12/8/2018 11:17	0.08			
SR4	12/8/2018 11:37	0.05				SR12	12/8/2018 11:37	0.07			
SR4	12/8/2018 11:57	0.07				SR12	12/8/2018 11:57	0.07			
SR4	12/8/2018 12:17	0.07				SR12	12/8/2018 12:17	0.09			
SR4	12/8/2018 12:37	0.08				SR12	12/8/2018 12:37	0.18			
SR4	12/8/2018 12:57	0.09				SR12	12/8/2018 12:57	0.17			
SR4	12/8/2018 13:17	0.12				SR12	12/8/2018 13:17	0.19			
SR4	12/8/2018 13:37	0.13				SR12	12/8/2018 13:37	0.19			
SR4	12/8/2018 13:57	0.02				SR12	12/8/2018 13:57	0.15			
SR4	12/8/2018 14:17	0.01				SR12	12/8/2018 14:17	0.12			
SR4	12/8/2018 14:37	0.01				SR12	12/8/2018 14:37	0.10			
SR4	12/8/2018 14:57	0.01				SR12	12/8/2018 14:57	0.09			
SR4	12/8/2018 15:17	0.01				SR12	12/8/2018 15:17	0.10			
SR4	12/8/2018 15:37	0.02				SR12	12/8/2018 15:37	0.08			
SR4	12/8/2018 15:57	0.01				SR12	12/8/2018 15:57	0.04			
SR4	12/8/2018 16:17	0.01				SR12	12/8/2018 16:17	0.02			
SR4	12/8/2018 16:37	0.01				SR12	12/8/2018 16:37	0.02			
SR4	12/8/2018 16:57	0.02				SR12	12/8/2018 16:57	0.04			
SR4	12/8/2018 17:17	0.01				SR12	12/8/2018 17:17	0.04			
SR4	12/8/2018 17:37	0.02				SR12	12/8/2018 17:37	0.01			
SR4	12/8/2018 17:57	0.02				SR12	12/8/2018 17:57	0.04			
SR4	12/8/2018 18:17	0.02				SR12	12/8/2018 18:17	0.05			
SR4	12/8/2018 18:37	0.03				SR12	12/8/2018 18:37	0.04			
SR4	12/8/2018 18:57	0.02				SR12	12/8/2018 18:57	0.02			
SR4	12/8/2018 19:17	0.02				SR12	12/8/2018 19:17	0.01			
SR4	12/8/2018 19:37	0.03				SR12	12/8/2018 19:37	0.04			
SR4	12/8/2018 19:57	0.02				SR12	12/8/2018 19:57	0.06			
SR4	12/8/2018 20:17	0.03				SR12	12/8/2018 20:17	0.04			
SR4	12/8/2018 20:37	0.02				SR12	12/8/2018 20:37	0.03			
SR4	12/8/2018 20:57	0.02				SR12	12/8/2018 20:57	0.05			
SR4	12/8/2018 21:17	0.03				SR12	12/8/2018 21:17	0.01			
SR4	12/8/2018 21:37	0.02				SR12	12/8/2018 21:37	0.02			
SR4	12/8/2018 21:57	0.04				SR12	12/8/2018 21:57	0.02			
SR4	12/8/2018 22:17	0.04				SR12	12/8/2018 22:17	0.01			
SR4	12/8/2018 22:37	0.04				SR12	12/8/2018 22:37	0.05			
SR4	12/8/2018 22:57	0.04				SR12	12/8/2018 22:57	0.05			
SR4	12/8/2018 23:17	0.02				SR12	12/8/2018 23:17	0.04			
SR4	12/8/2018 23:37	0.02				SR12	12/8/2018 23:37	0.02			
SR4	12/8/2018 23:57	0.04				SR12	12/8/2018 23:57	0.01			

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.

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/9/2018 0:01	22.40	78.7	5.68	2.9	SR4	12/9/2018 6:01	22.18	63.7	4.61	1.8	SR4	12/9/2018 12:01	22.30	81.0	5.85	1.3	SR4	12/9/2018 18:01	22.23	79.7	5.76	5.2
SR4	12/9/2018 0:06	22.41	79.1	5.71	4.9	SR4	12/9/2018 6:06	22.19	75.7	5.48	**23.2**	SR4	12/9/2018 12:06	22.31	81.4	5.88	4.6	SR4	12/9/2018 18:06	22.23	79.5	5.75	2.3
SR4	12/9/2018 0:11	22.40	78.6	5.67	4.5	SR4	12/9/2018 6:11	22.18	77.9	5.63	2.4	SR4	12/9/2018 12:11	22.30	82.1	5.93	2.3	SR4	12/9/2018 18:11	22.22	79.5	5.75	1.2
SR4	12/9/2018 0:16	22.40	79.2	5.71	4.8	SR4	12/9/2018 6:16	22.23	79.2	5.73	4.0	SR4	12/9/2018 12:16	22.30	81.7	5.90	1.3	SR4	12/9/2018 18:16	22.21	80.3	5.81	1.7
SR4	12/9/2018 0:21	22.40	78.1	5.63	1.6	SR4	12/9/2018 6:21	22.29	80.3	5.79	2.9	SR4	12/9/2018 12:21	22.30	82.0	5.92	1.2	SR4	12/9/2018 18:21	22.21	81.0	5.85	3.1
SR4	12/9/2018 0:26	22.41	77.9	5.62	1.6	SR4	12/9/2018 6:26	22.30	84.2	6.07	4.5	SR4	12/9/2018 12:26	22.30	82.0	5.92	2.9	SR4	12/9/2018 18:26	22.20	81.1	5.87	1.5
SR4	12/9/2018 0:31	22.40	77.1	5.57	2.2	SR4	12/9/2018 6:31	22.29	84.7	6.11	1.7	SR4	12/9/2018 12:31	22.30	81.7	5.89	2.6	SR4	12/9/2018 18:31	22.20	79.4	5.75	4.0
SR4	12/9/2018 0:36	22.41	77.1	5.56	5.2	SR4	12/9/2018 6:36	22.28	84.6	6.11	4.1	SR4	12/9/2018 12:36	22.30	80.4	5.80	4.0	SR4	12/9/2018 18:36	22.19	80.4	5.82	3.9
SR4	12/9/2018 0:41	22.43	77.5	5.59	1.8	SR4	12/9/2018 6:41	22.28	84.5	6.10	2.8	SR4	12/9/2018 12:41	22.29	80.4	5.80	2.3	SR4	12/9/2018 18:41	22.16	78.0	5.65	1.0
SR4	12/9/2018 0:46	22.44	75.2	5.42	4.2	SR4	12/9/2018 6:46	22.28	84.4	6.09	3.5	SR4	12/9/2018 12:46	22.29	80.7	5.83	4.5	SR4	12/9/2018 18:46	22.18	79.6	5.76	1.0
SR4	12/9/2018 0:51	22.43	76.1	5.49	5.0	SR4	12/9/2018 6:51	22.29	84.6	6.10	5.0	SR4	12/9/2018 12:51	22.28	81.5	5.88	2.5	SR4	12/9/2018 18:51	22.16	79.4	5.75	3.5
SR4	12/9/2018 0:56	22.43	77.6	5.60	4.0	SR4	12/9/2018 6:56	22.29	84.3	6.09	2.0	SR4	12/9/2018 12:56	22.29	81.6	5.89	4.4	SR4	12/9/2018 18:56	22.19	78.6	5.69	4.2
SR4	12/9/2018 1:01	22.44	75.9	5.47	2.6	SR4	12/9/2018 7:01	22.29	84.4	6.09	1.5	SR4	12/9/2018 13:01	22.29	81.4	5.88	5.3	SR4	12/9/2018 19:01	22.19	78.3	5.66	5.2
SR4	12/9/2018 1:06	22.43	78.0	5.62	3.7	SR4	12/9/2018 7:06	22.29	83.9	6.06	3.8	SR4	12/9/2018 13:06	22.30	80.2	5.79	4.6	SR4	12/9/2018 19:06	22.16	78.9	5.71	3.1
SR4	12/9/2018 1:11	22.43	77.3	5.57	4.3	SR4	12/9/2018 7:11	22.28	84.2	6.07	4.3	SR4	12/9/2018 13:11	22.30	80.5	5.81	1.3	SR4	12/9/2018 19:11	22.19	81.2	5.87	3.4
SR4	12/9/2018 1:16	22.43	77.2	5.56	1.2	SR4	12/9/2018 7:16	22.26	85.0	6.14	1.4	SR4	12/9/2018 13:16	22.30	79.5	5.74	3.9	SR4	12/9/2018 19:16	22.19	80.8	5.85	4.3
SR4	12/9/2018 1:21	22.44	76.7	5.53	2.0	SR4	12/9/2018 7:21	22.28	84.8	6.12	2.2	SR4	12/9/2018 13:21	22.31	80.1	5.78	5.3	SR4	12/9/2018 19:21	22.19	79.4	5.74	1.4
SR4	12/9/2018 1:26	22.46	73.0	5.26	3.1	SR4	12/9/2018 7:26	22.29	83.7	6.04	3.1	SR4	12/9/2018 13:26	22.31	80.3	5.80	2.8	SR4	12/9/2018 19:26	22.16	76.7	5.55	1.5
SR4	12/9/2018 1:31	22.44	76.6	5.52	2.2	SR4	12/9/2018 7:31	22.28	83.0	5.99	3.4	SR4	12/9/2018 13:31	22.29	80.0	5.77	4.2	SR4	12/9/2018 19:31	22.19	78.2	5.66	1.1
SR4	12/9/2018 1:36	22.45	75.8	5.47	2.0	SR4	12/9/2018 7:36	22.24	82.8	5.98	1.7	SR4	12/9/2018 13:36	22.22	80.2	5.80	4.4	SR4	12/9/2018 19:36	22.19	79.4	5.74	1.5
SR4	12/9/2018 1:41	22.43	76.9	5.55	4.0	SR4	12/9/2018 7:41	22.24	82.6	5.97	3.4	SR4	12/9/2018 13:41	22.23	78.7	5.69	4.5	SR4	12/9/2018 19:41	22.20	79.0	5.71	1.9
SR4	12/9/2018 1:46	22.43	77.3	5.57	4.7	SR4	12/9/2018 7:46	22.23	82.5	5.96	1.4	SR4	12/9/2018 13:46	22.21	79.0	5.71	4.6	SR4	12/9/2018 19:46	22.14	77.4	5.60	2.8
SR4	12/9/2018 1:51	22.44	75.1	5.42	4.6	SR4	12/9/2018 7:51	22.21	82.9	5.99	5.4	SR4	12/9/2018 13:51	22.28	79.1	5.71	4.5	SR4	12/9/2018 19:51	22.16	76.5	5.53	3.0
SR4	12/9/2018 1:56	22.44	76.0	5.48	1.0	SR4	12/9/2018 7:56	22.25	82.8	5.98	3.3	SR4	12/9/2018 13:56	22.28	80.1	5.79	5.1	SR4	12/9/2018 19:56	22.21	77.0	5.57	1.6
SR4	12/9/2018 2:01	22.44	75.9	5.47	1.5	SR4	12/9/2018 8:01	22.27	83.1	6.00	2.2	SR4	12/9/2018 14:01	22.31	79.3	5.72	2.8	SR4	12/9/2018 20:01	22.20	79.2	5.72	1.9
SR4	12/9/2018 2:06	22.43	75.8	5.47	4.9	SR4	12/9/2018 8:06	22.28	82.6	5.97	1.0	SR4	12/9/2018 14:06	22.32	79.3	5.72	1.5	SR4	12/9/2018 20:06	22.21	78.7	5.69	1.2
SR4	12/9/2018 2:11	22.66	55.5	3.99	3.7	SR4	12/9/2018 8:11	22.25	82.8	5.98	1.5	SR4	12/9/2018 14:11	22.32	79.1	5.71	4.4	SR4	12/9/2018 20:11	22.22	77.6	5.60	3.1
SR4	12/9/2018 2:16	22.49	68.2	4.91	3.4	SR4	12/9/2018 8:16	22.22	85.9	6.21	5.3	SR4	12/9/2018 14:16	22.32	78.8	5.69	2.5	SR4	12/9/2018 20:16	22.22	78.5	5.67	3.5
SR4	12/9/2018 2:21	22.47	69.3	5.00	4.3	SR4	12/9/2018 8:21	22.24	85.6	6.18	5.4	SR4	12/9/2018 14:21	22.32	79.5	5.74	1.3	SR4	12/9/2018 20:21	22.21	78.9	5.70	1.8
SR4	12/9/2018 2:26	22.46	68.3	4.93	2.0	SR4	12/9/2018 8:26	22.24	84.1	6.08	4.5	SR4	12/9/2018 14:26	22.31	77.8	5.62	4.6	SR4	12/9/2018 20:26	22.20	78.7	5.68	2.1
SR4	12/9/2018 2:31	22.46	69.5	5.01	2.8	SR4	12/9/2018 8:31	22.22	85.8	6.20	1.1	SR4	12/9/2018 14:31	22.31	79.1	5.71	3.1	SR4	12/9/2018 20:31	22.18	77.5	5.60	3.7
SR4	12/9/2018 2:36	22.42	72.0	5.20	4.4	SR4	12/9/2018 8:36	22.23	85.5	6.18	2.1	SR4	12/9/2018 14:36	22.30	79.9	5.76	3.5	SR4	12/9/2018 20:36	22.18	77.8	5.62	1.9
SR4	12/9/2018 2:41	22.43	71.8	5.18	1.4	SR4	12/9/2018 8:41	22.25	85.7	6.19	2.5	SR4	12/9/2018 14:41	22.24	77.8	5.62	1.4	SR4	12/9/2018 20:41	22.17	77.3	5.59	3.4
SR4	12/9/2018 2:46	22.43	69.7	5.03	1.4	SR4	12/9/2018 8:46	22.23	85.2	6.16	2.3	SR4	12/9/2018 14:46	22.25	77.5	5.60	3.0	SR4	12/9/2018 20:46	22.19	80.1	5.79	1.2
SR4	12/9/2018 2:51	22.41	69.0	4.98	4.9	SR4	12/9/2018 8:51	22.20	86.1	6.22	7.0	SR4	12/9/2018 14:51	22.25	79.5	5.74	1.8	SR4	12/9/2018 20:51	22.20	79.4	5.74	4.9
SR4	12/9/2018 2:56	22.44	68.8	4.96	1.9	SR4	12/9/2018 8:56	22.24	84.5	6.11	1.5	SR4	12/9/2018 14:56	22.24	80.4	5.81	2.2	SR4	12/9/2018 20:56	22.20	79.4	5.74	2.3
SR4	12/9/2018 3:01	22.43	70.2	5.06	4.9	SR4	12/9/2018 9:01	22.25	85.4	6.17	1.4	SR4	12/9/2018 15:01	22.25	80.7	5.83	1.5	SR4	12/9/2018 21:01	22.19	78.8	5.70	5.3
SR4	12/9/2018 3:06	22.42	72.3	5.21	4.1	SR4	12/9/2018 9:06	22.24	85.4	6.17	4.3	SR4	12/9/2018 15:06	22.27	81.8	5.91	2.3	SR4	12/9/2018 21:06	22.18	79.0	5.71	3.5
SR4	12/9/2018 3:11	22.56	67.6	4.87	2.5	SR4	12/9/2018 9:11	22.24	85.1	6.15	5.1	SR4	12/9/2018 15:11	22.28	81.0	5.85	3.0	SR4	12/9/2018 21:11	22.19	78.7	5.69	1.0
SR4	12/9/2018 3:16	22.45	70.1	5.06	4.5	SR4	12/9/2018 9:16	22.24	85.0	6.15	1.3	SR4	12/9/2018 15:16	22.24	81.6	5.89	3.8	SR4	12/9/2018 21:16	22.20	78.5	5.67	2.2
SR4	12/9/2018 3:21	22.41	75.1	5.42	3.3	SR4	12/9/2018 9:21	22.24	84.2	6.09	3.0	SR4	12/9/2018 15:21	22.22	81.4	5.89	4.1	SR4	12/9/2018 21:21	22.21	77.7	5.61	2.3
SR4	12/9/2018 3:26	22.43	75.1	5.42	5.0	SR4	12/9/2018 9:26	22.23	84.6	6.11	2.2	SR4	12/9/2018 15:26	22.21	80.4	5.82	1.4	SR4	12/9/2018 21:26	22.21	77.7	5.62	4.3
SR4	12/9/2018 3:31	22.43	75.1	5.42	1.6	SR4	12/9/2018 9:31	22.23	84.0	6.07	2.6	SR4	12/9/2018 15:31	22.23	79.9	5.77	2.4	SR4	12/9/2018 21:31	22.20	79.4	5.74	3.7
SR4	12/9/2018 3:36	22.42	78.0	5.63	2.2	SR4	12/9/2018 9:36	22.25	83.9	6.06	1.6	SR4	12/9/2018 15:36	22.24	78.9	5.70	3.4	SR4	12/9/2018 21:36	22.20	79.4	5.74	4.0
SR4	12/9/2018 3:41	22.42	78.8	5.68	2.2	SR4	12/9/2018 9:41	22.24	84.0	6.07	3.9	SR4	12/9/2018 15:41	22.24	79.7	5.76	4.4	SR4	12/9/2018 21:41	22.20	79.1	5.71	3.0
SR4	12/9/2018 3:46	22.44	78.6	5.67	3.8	SR4	12/9/2018 9:46	22.24	83.8	6.06	4.4	SR4	12/9/2018 15:46	22.24	80.9	5.84	4.0	SR4	12/9/2018 21:46	22.19	78.4	5.66	2.1
SR4	12/9/2018 3:51	22.39	80.9	5.84	1.3	SR4	12/9/2018 9:51	22.23	83.4	6.03	4.2	SR4	12/9/2018 15:51	22.25	81.5	5.89	4.8	SR4	12/9/2018 21:51	22.19	79.5	5.75	4.5
SR4	12/9/2018 3:56	22.43	79.9	5.76	3.8	SR4	12/9/2018 9:56	22.23	83.8	6.05	4.9	SR4	12/9/2018 15:56	22.25	80.7	5.83	3.4	SR4	12/9/2018 21:56	22.18	80.4	5.81	3.5
SR4	12/9/2018 4:01	22.40	80.1	5.78	2.1	SR4	12/9/2018 10:01	22.23	83.0	6.00	2.7	SR4	12/9/2018 16:01	22.22	78.8	5.70	5.0	SR4	12/9/2018 22:01	22.21	80.4	5.80	1.3
SR4	12/9/2018 4:06	22.40	80.8	5.83	3.9	SR4	12/9/2018 10:06	22.22	82.3	5.95	3.3	SR4	12/9/2018 16:06	22.23	80.6	5.82	1.6	SR4	12/9/2018 22:06	22.19	79.8	5.77	1.7
SR4	12/9/2018 4:11	22.43	82.0	5.91	3.7	SR4	12/9/2018 10:11	22.23	82.1	5.93	4.7	SR4	12/9/2018 16:11	22.23	80.1	5.79	4.9	SR4	12/9/2018 22:11	22.18	78.8	5.69	5.4
SR4	12/9/2018 4:16	22.42	81.4	5.87	1.3	SR4	12/9/2018 10:16	22.22	82.1	5.93	1.0	SR4	12/9/2018 16:16	22.23	79.7	5.76	5.2	SR4	12/9/2018 22:16	22.20	77.6	5.61	2.8
SR4	12/9/2018 4:21	22.40	77.6	5.60	1.4	SR4	12/9/2018 10:21	22.24	81.9	5.92	2.1	SR4	12/9/2018 16:21	22.24	74.4	5.38	2.2	SR4	12/9/2018 22:21	22.21	77.7	5.62	3.6
SR4	12/9/2018 4:26	22.44	80.8	5.82	1.2	SR4	12/9/2018 10:26	22.27	81.7	5.90	5.1	SR4	12/9/2018 16:26	22.24	78.7	5.69	2.6	SR4	12/9/2018 22:26	22.21	77.4	5.59	3.4
SR4	12/9/2018 4:31	22.41	80.8	5.83	3.7	SR4	12/9/2018 10:31	22.26	83.4	6.02	3.0	SR4	12/9/2018 16:31	22.25	80.3	5.80	4.1	SR4	12/9/2018 22:31	22.21	76.2	5.50	2.1
SR4	12/9/2018 4:36	22.42	80.5	5.80	2.8	SR4	12/9/2018 10:36	22.28	82.6	5.97	4.0	SR4	12/9/2018 16:36	22.25	80.8	5.84	1.2	SR4	12/9/2018 22:36	22.21	78.7	5.69	1.2
SR4	12/9/2018 4:41	22.39	79.5	5.74	3.5	SR4	12/9/2018 10:41	22.27	81.9	5.92	5.7	SR4	12/9/2018 16:41	22.23	80.6	5.83	2.9	SR4	12/9/2018 22:41	22.21	78.5	5.67	1.5
SR4	12/9/2018 4:46	22.33	81.6	5.89	3.5	SR4	12/9/2018 10:46	22.28	82.6	5.96	2.9	SR4	12/9/2018 16:46	22.26	79.9	5.77	2.8	SR4	12/9/2018 22:46	22.21	79.6	5.75	2.2
SR4	12/9/2018 4:51	22.26	78.4	5.67	4.4	SR4	12/9/2018 10:51	22.26	81.7	5.91	3.2	SR4	12/9/2018 16:51	22.23	80.2	5.80	1.3	SR4	12/9/2018 22:51	22.21	80.0	5.78	1.5
SR4	12/9/2018 4:56	22.09	71.0	5.15	5.1	SR4	12/9/2018 10:56	22.27	81.8	5.91	2.2	SR4	12/9/2018 16:56	22.24	80.4	5.81	2.2	SR4	12/9/2018 22:56	22.21	79.3	5.72	1.6
SR4	12/9/2018 5:01	22.23	71.0	5.13	1.9	SR4	12/9/2018 11:01	22.28	82.3	5.94	2.9	SR4	12/9/2018 17:01	22.24	80.9	5.85	3.2	SR4	12/9/2018 23:01	22.21	78.9	5.70	3.5
SR4	12/9/2018 5:06	22.34	80.8	5.83	2.2	SR4	12/9/2018 11:06	22.27	81.4	5.88	2.0	SR4	12/9/2018 17:06	22.24	80.3	5.80	3.5	SR4	12/9/2018 23:06	22.22	77.1	5.57	4.9
SR4	12/9/2018 5:11	22.32	83.2	6.00	3.0	SR4	12/9/2018 11:11	22.26	80.2	5.79	1.5	SR4	12/9/2018 17:11	22.23	80.8	5.84	3.2	SR4	12/9/2018 23:11	22.21	76.6	5.53	1.9
SR4	12/9/2018 5:16	22.30	83.4	6.02	2.9	SR4	12/9/2018 11:16	22.27	81.2	5.86	1.6	SR4	12/9/2018 17:16	22.21	79.9	5.78	2.5	SR4	12/9/2018 23:16	22.22	76.6	5.53	2.9
SR4	12/9/2018 5:21	22.29	76.6	5.53	1.0	SR4	12/9/2018 11:21	22.28	82.5	5.96	2.0	SR4	12/9/2018 17:21	22.24	79.8	5.77	1.9	SR4	12/9/2018 23:21	22.20	79.0	5.71	2.5
SR4	12/9/2018 5:26	22.36	82.1	5.92	5.4	SR4	12/9/2018 11:26	22.28	82.1	5.93	1.5	SR4	12/9/2018 17:26	22.22	80.5	5.82	2.3	SR4	12/9/2018 23:26	22.20	76.9	5.56	1.3
SR4	12/9/2018 5:31	22.32	82.8	5.98	4.4	SR4	12/9/2018 11:31	22.27	81.6	5.90	1.9	SR4	12/9/2018 17:31	22.21	80.8	5.84	1.1	SR4	12/9/2018 23:31	22.16	73.5	5.31	4.7
SR4	12/9/2018 5:36	22.30	82.8	5.97	5.2	SR4	12/9/2018 11:36	22.28	80.5	5.82	2.7	SR4	12/9/2018 17:36	22.21	80.6	5.83	1.0	SR4	12/9/2018 23:36	22.14	77.5	5.61	4.8
SR4	12/9/2018 5:41	22.38	81.6	5.88	4.4	SR4	12/9/2018 11:41	22.28	81.8	5.91	2.1	SR4	12/9/2018 17:41	22.22	80.7	5.84	1.2	SR4	12/9/2018 23:41	22.16	76.2	5.51	4.0
SR4	12/9/2018 5:46	22.36	81.1	5.85	3.1	SR4	12/9/2018 11:46	22.28	81.4	5.88	1.9	SR4	12/9/2018 17:46	22.24	81.0	5.85	1.9	SR4	12/9/2018 23:46	22.21	73.9	5.34	1.9
SR4	12/9/2018 5:51	22.32	82.5	5.95	1.7	SR4	12/9/2018 11:51	22.30	81.8	5.91	5.4	SR4	12/9/2018 17:51	22.23	80.2	5.80	2.2	SR4	12/9/2018 23:51	22.22	70.4	5.08	1.7
SR4	12/9/2018 5:56	22.31	83.7	6.04	3.9	SR4	12/9/2018 11:56	22.30	81.4	5.88	1.6	SR4	12/9/2018 17:56	22.24	80.0	5.78	2.9	SR4	12/9/2018 23:56	22.20	73.2	5.29	1.6

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/9/2018 0:00	22.51	93.3	6.62	2.2	SR5	12/9/2018 6:00	22.62	92.7	6.57	1.8	SR5	12/9/2018 12:00	22.69	95.4	6.76	2.4	SR5	12/9/2018 18:00	22.67	95.9	6.80	3.7
SR5	12/9/2018 0:05	22.54	95.1	6.74	2.9	SR5	12/9/2018 6:05	22.62	93.8	6.65	7.5	SR5	12/9/2018 12:05	22.68	96.3	6.83	4.1	SR5	12/9/2018 18:05	22.68	94.9	6.73	2.8
SR5	12/9/2018 0:10	22.48	94.6	6.71	2.7	SR5	12/9/2018 6:10	22.63	96.1	6.82	3.8	SR5	12/9/2018 12:10	22.69	96.7	6.86	3.3	SR5	12/9/2018 18:10	22.69	96.0	6.81	1.9
SR5	12/9/2018 0:15	22.51	94.9	6.73	3.0	SR5	12/9/2018 6:15	22.59	93.9	6.66	2.6	SR5	12/9/2018 12:15	22.72	94.4	6.70	1.2	SR5	12/9/2018 18:15	22.69	94.6	6.71	2.4
SR5	12/9/2018 0:20	22.52	94.4	6.69	1.8	SR5	12/9/2018 6:20	22.60	96.4	6.84	3.4	SR5	12/9/2018 12:20	22.74	95.1	6.75	1.2	SR5	12/9/2018 18:20	22.69	96.2	6.82	3.2
SR5	12/9/2018 0:25	22.54	93.3	6.62	2.3	SR5	12/9/2018 6:25	22.61	95.2	6.75	2.8	SR5	12/9/2018 12:25	22.77	94.4	6.70	2.4	SR5	12/9/2018 18:25	22.68	93.3	6.62	2.3
SR5	12/9/2018 0:30	22.54	96.1	6.82	2.2	SR5	12/9/2018 6:30	22.54	95.3	6.76	3.3	SR5	12/9/2018 12:30	22.77	96.2	6.82	2.2	SR5	12/9/2018 18:30	22.71	93.7	6.65	3.9
SR5	12/9/2018 0:35	22.55	93.8	6.66	2.9	SR5	12/9/2018 6:35	22.58	95.8	6.80	3.7	SR5	12/9/2018 12:35	22.79	93.8	6.66	2.6	SR5	12/9/2018 18:35	22.67	95.9	6.81	3.9
SR5	12/9/2018 0:40	22.50	93.3	6.62	2.7	SR5	12/9/2018 6:40	22.55	96.5	6.85	2.7	SR5	12/9/2018 12:40	22.78	95.5	6.77	1.5	SR5	12/9/2018 18:40	22.68	94.1	6.67	2.3
SR5	12/9/2018 0:45	22.53	92.4	6.55	3.7	SR5	12/9/2018 6:45	22.56	96.4	6.84	3.1	SR5	12/9/2018 12:45	22.75	96.8	6.87	2.5	SR5	12/9/2018 18:45	22.69	92.5	6.56	2.8
SR5	12/9/2018 0:50	22.49	95.0	6.74	4.1	SR5	12/9/2018 6:50	22.56	97.7	6.93	2.0	SR5	12/9/2018 12:50	22.71	96.2	6.82	2.9	SR5	12/9/2018 18:50	22.68	94.4	6.70	3.7
SR5	12/9/2018 0:55	22.53	92.5	6.56	3.8	SR5	12/9/2018 6:55	22.58	97.4	6.91	1.9	SR5	12/9/2018 12:55	22.69	94.2	6.68	4.4	SR5	12/9/2018 18:55	22.64	94.8	6.73	3.3
SR5	12/9/2018 1:00	22.54	91.5	6.49	5.6	SR5	12/9/2018 7:00	22.58	94.5	6.71	1.8	SR5	12/9/2018 13:00	22.72	95.5	6.78	2.4	SR5	12/9/2018 19:00	22.65	94.7	6.71	2.8
SR5	12/9/2018 1:05	22.53	95.4	6.76	2.8	SR5	12/9/2018 7:05	22.60	97.1	6.89	4.2	SR5	12/9/2018 13:05	22.72	94.8	6.72	3.4	SR5	12/9/2018 19:05	22.60	93.2	6.61	3.0
SR5	12/9/2018 1:10	22.52	93.6	6.63	2.6	SR5	12/9/2018 7:10	22.57	96.0	6.81	4.1	SR5	12/9/2018 13:10	22.75	96.7	6.86	3.5	SR5	12/9/2018 19:10	22.57	95.2	6.76	3.4
SR5	12/9/2018 1:15	22.50	96.2	6.82	2.3	SR5	12/9/2018 7:15	22.58	96.5	6.85	3.8	SR5	12/9/2018 13:15	22.73	95.1	6.74	3.1	SR5	12/9/2018 19:15	22.58	95.0	6.74	4.2
SR5	12/9/2018 1:20	22.50	96.3	6.83	3.0	SR5	12/9/2018 7:20	22.55	96.2	6.82	2.7	SR5	12/9/2018 13:20	22.71	93.9	6.66	2.8	SR5	12/9/2018 19:20	22.50	93.7	6.65	2.1
SR5	12/9/2018 1:25	22.55	93.3	6.61	2.8	SR5	12/9/2018 7:25	22.55	96.4	6.84	3.4	SR5	12/9/2018 13:25	22.73	94.8	6.73	3.3	SR5	12/9/2018 19:25	22.58	93.2	6.62	2.8
SR5	12/9/2018 1:30	22.51	95.6	6.78	3.7	SR5	12/9/2018 7:30	22.65	94.9	6.73	3.8	SR5	12/9/2018 13:30	22.76	94.9	6.73	2.6	SR5	12/9/2018 19:30	22.61	95.3	6.77	1.8
SR5	12/9/2018 1:35	22.50	93.8	6.65	3.2	SR5	12/9/2018 7:35	22.56	95.5	6.77	2.4	SR5	12/9/2018 13:35	22.71	94.7	6.72	2.5	SR5	12/9/2018 19:35	22.54	94.2	6.68	4.1
SR5	12/9/2018 1:40	22.54	93.2	6.61	2.9	SR5	12/9/2018 7:40	22.63	95.5	6.78	3.1	SR5	12/9/2018 13:40	22.69	93.6	6.65	4.3	SR5	12/9/2018 19:40	22.64	94.7	6.71	3.1
SR5	12/9/2018 1:45	22.54	95.8	6.79	4.0	SR5	12/9/2018 7:45	22.57	95.0	6.74	1.8	SR5	12/9/2018 13:45	22.76	96.0	6.81	3.6	SR5	12/9/2018 19:45	22.54	92.5	6.56	2.0
SR5	12/9/2018 1:50	22.53	95.8	6.79	4.1	SR5	12/9/2018 7:50	22.60	96.8	6.87	4.4	SR5	12/9/2018 13:50	22.79	95.7	6.79	4.3	SR5	12/9/2018 19:50	22.54	93.6	6.64	3.7
SR5	12/9/2018 1:55	22.53	94.5	6.70	1.9	SR5	12/9/2018 7:55	22.60	96.2	6.82	3.0	SR5	12/9/2018 13:55	22.81	93.4	6.63	4.5	SR5	12/9/2018 19:55	22.66	94.3	6.69	2.7
SR5	12/9/2018 2:00	22.54	93.5	6.63	2.7	SR5	12/9/2018 8:00	22.55	95.8	6.80	3.3	SR5	12/9/2018 14:00	22.78	95.8	6.79	4.0	SR5	12/9/2018 20:00	22.67	94.5	6.70	3.1
SR5	12/9/2018 2:05	22.52	94.8	6.72	4.7	SR5	12/9/2018 8:05	22.52	94.8	6.73	2.1	SR5	12/9/2018 14:05	22.72	95.8	6.79	2.7	SR5	12/9/2018 20:05	22.70	94.1	6.67	1.3
SR5	12/9/2018 2:10	22.57	89.0	6.30	3.3	SR5	12/9/2018 8:10	22.55	94.3	6.69	3.9	SR5	12/9/2018 14:10	22.70	93.1	6.61	3.4	SR5	12/9/2018 20:10	22.71	92.9	6.59	3.8
SR5	12/9/2018 2:15	22.52	93.6	6.63	3.9	SR5	12/9/2018 8:15	22.55	97.3	6.90	5.0	SR5	12/9/2018 14:15	22.71	96.3	6.83	1.3	SR5	12/9/2018 20:15	22.68	93.3	6.62	3.2
SR5	12/9/2018 2:20	22.56	94.4	6.69	3.3	SR5	12/9/2018 8:20	22.54	97.8	6.94	3.8	SR5	12/9/2018 14:20	22.71	93.9	6.66	3.7	SR5	12/9/2018 20:20	22.66	93.3	6.62	3.3
SR5	12/9/2018 2:25	22.53	92.4	6.55	5.0	SR5	12/9/2018 8:25	22.58	95.8	6.80	6.8	SR5	12/9/2018 14:25	22.72	96.0	6.81	3.5	SR5	12/9/2018 20:25	22.66	93.3	6.61	2.8
SR5	12/9/2018 2:30	22.50	92.7	6.57	3.7	SR5	12/9/2018 8:30	22.59	97.0	6.88	3.8	SR5	12/9/2018 14:30	22.72	93.9	6.66	2.1	SR5	12/9/2018 20:30	22.56	92.8	6.59	2.9
SR5	12/9/2018 2:35	22.51	92.0	6.53	2.9	SR5	12/9/2018 8:35	22.63	96.1	6.82	4.2	SR5	12/9/2018 14:35	22.74	96.2	6.82	3.5	SR5	12/9/2018 20:35	22.49	92.9	6.59	2.4
SR5	12/9/2018 2:40	22.53	93.2	6.61	1.8	SR5	12/9/2018 8:40	22.59	94.9	6.74	2.9	SR5	12/9/2018 14:40	22.72	92.3	6.55	2.5	SR5	12/9/2018 20:40	22.56	96.4	6.84	5.2
SR5	12/9/2018 2:45	22.54	93.7	6.64	3.5	SR5	12/9/2018 8:45	22.52	95.3	6.77	3.5	SR5	12/9/2018 14:45	22.73	95.7	6.79	2.1	SR5	12/9/2018 20:45	22.60	94.8	6.72	3.7
SR5	12/9/2018 2:50	22.50	92.9	6.59	3.4	SR5	12/9/2018 8:50	22.52	96.4	6.84	3.6	SR5	12/9/2018 14:50	22.71	94.2	6.68	3.3	SR5	12/9/2018 20:50	22.59	93.5	6.64	4.6
SR5	12/9/2018 2:55	22.54	91.4	6.48	2.3	SR5	12/9/2018 8:55	22.45	97.2	6.90	2.6	SR5	12/9/2018 14:55	22.71	96.2	6.82	2.6	SR5	12/9/2018 20:55	22.50	95.0	6.74	4.3
SR5	12/9/2018 3:00	22.53	94.1	6.67	2.4	SR5	12/9/2018 9:00	22.49	98.0	6.96	3.1	SR5	12/9/2018 15:00	22.74	93.4	6.63	1.8	SR5	12/9/2018 21:00	22.54	96.7	6.86	5.0
SR5	12/9/2018 3:05	22.54	95.2	6.74	3.0	SR5	12/9/2018 9:05	22.47	97.5	6.92	2.8	SR5	12/9/2018 15:05	22.73	95.5	6.77	1.9	SR5	12/9/2018 21:05	22.50	94.9	6.73	2.9
SR5	12/9/2018 3:10	22.53	91.2	6.47	3.0	SR5	12/9/2018 9:10	22.36	96.4	6.84	4.3	SR5	12/9/2018 15:10	22.72	96.1	6.82	3.1	SR5	12/9/2018 21:10	22.49	93.2	6.62	3.3
SR5	12/9/2018 3:15	22.53	92.3	6.54	4.1	SR5	12/9/2018 9:15	22.63	96.2	6.83	3.4	SR5	12/9/2018 15:15	22.72	97.3	6.90	3.6	SR5	12/9/2018 21:15	22.51	94.2	6.68	3.7
SR5	12/9/2018 3:20	22.52	93.5	6.63	4.2	SR5	12/9/2018 9:20	22.69	97.7	6.93	3.5	SR5	12/9/2018 15:20	22.72	93.9	6.66	4.1	SR5	12/9/2018 21:20	22.46	93.0	6.60	2.9
SR5	12/9/2018 3:25	22.49	95.7	6.79	4.4	SR5	12/9/2018 9:25	22.64	96.5	6.85	3.3	SR5	12/9/2018 15:25	22.71	95.6	6.78	2.6	SR5	12/9/2018 21:25	22.47	93.6	6.64	2.9
SR5	12/9/2018 3:30	22.54	95.3	6.76	3.1	SR5	12/9/2018 9:30	22.72	97.2	6.90	2.6	SR5	12/9/2018 15:30	22.72	96.4	6.84	3.4	SR5	12/9/2018 21:30	22.40	96.8	6.87	4.7
SR5	12/9/2018 3:35	22.49	94.0	6.67	3.1	SR5	12/9/2018 9:35	22.68	95.4	6.77	3.0	SR5	12/9/2018 15:35	22.71	94.2	6.68	2.4	SR5	12/9/2018 21:35	22.53	93.7	6.64	2.4
SR5	12/9/2018 3:40	22.54	94.4	6.69	3.3	SR5	12/9/2018 9:40	22.61	95.6	6.78	3.3	SR5	12/9/2018 15:40	22.70	96.2	6.82	3.1	SR5	12/9/2018 21:40	22.47	95.1	6.74	2.4
SR5	12/9/2018 3:45	22.51	94.3	6.69	4.1	SR5	12/9/2018 9:45	22.63	97.2	6.90	2.5	SR5	12/9/2018 15:45	22.70	96.8	6.86	2.6	SR5	12/9/2018 21:45	22.57	93.1	6.60	3.4
SR5	12/9/2018 3:50	22.53	94.2	6.69	2.3	SR5	12/9/2018 9:50	22.65	96.7	6.86	4.4	SR5	12/9/2018 15:50	22.70	96.3	6.83	3.1	SR5	12/9/2018 21:50	22.50	94.0	6.67	3.4
SR5	12/9/2018 3:55	22.65	94.8	6.73	2.8	SR5	12/9/2018 9:55	22.66	97.8	6.94	2.4	SR5	12/9/2018 15:55	22.71	94.2	6.68	3.7	SR5	12/9/2018 21:55	22.51	96.8	6.87	4.1
SR5	12/9/2018 4:00	22.60	95.0	6.74	1.7	SR5	12/9/2018 10:00	22.69	94.6	6.72	2.5	SR5	12/9/2018 16:00	22.71	93.1	6.61	4.5	SR5	12/9/2018 22:00	22.54	95.4	6.76	4.0
SR5	12/9/2018 4:05	22.60	95.0	6.74	2.8	SR5	12/9/2018 10:05	22.65	96.3	6.83	2.2	SR5	12/9/2018 16:05	22.68	96.2	6.82	2.2	SR5	12/9/2018 22:05	22.53	95.1	6.75	3.3
SR5	12/9/2018 4:10	22.62	97.6	6.92	2.4	SR5	12/9/2018 10:10	22.67	94.7	6.72	4.0	SR5	12/9/2018 16:10	22.68	94.3	6.69	2.5	SR5	12/9/2018 22:10	22.56	94.4	6.70	2.7
SR5	12/9/2018 4:15	22.59	94.9	6.73	3.9	SR5	12/9/2018 10:15	22.65	95.9	6.81	3.1	SR5	12/9/2018 16:15	22.69	94.0	6.67	4.7	SR5	12/9/2018 22:15	22.58	96.1	6.82	2.2
SR5	12/9/2018 4:20	22.61	95.5	6.77	2.5	SR5	12/9/2018 10:20	22.69	94.9	6.74	1.6	SR5	12/9/2018 16:20	22.68	92.2	6.54	4.3	SR5	12/9/2018 22:20	22.59	95.4	6.77	3.5
SR5	12/9/2018 4:25	22.62	94.2	6.68	2.3	SR5	12/9/2018 10:25	22.70	94.3	6.69	4.0	SR5	12/9/2018 16:25	22.68	94.1	6.68	2.4	SR5	12/9/2018 22:25	22.61	96.0	6.80	4.4
SR5	12/9/2018 4:30	22.61	95.7	6.79	1.8	SR5	12/9/2018 10:30	22.70	94.8	6.73	3.5	SR5	12/9/2018 16:30	22.67	95.7	6.79	2.8	SR5	12/9/2018 22:30	22.59	92.9	6.58	3.0
SR5	12/9/2018 4:35	22.60	96.2	6.82	4.2	SR5	12/9/2018 10:35	22.72	95.3	6.76	3.9	SR5	12/9/2018 16:35	22.67	95.1	6.74	3.6	SR5	12/9/2018 22:35	22.58	90.5	6.42	2.9
SR5	12/9/2018 4:40	22.60	96.7	6.86	4.6	SR5	12/9/2018 10:40	22.69	95.2	6.75	3.4	SR5	12/9/2018 16:40	22.66	96.2	6.82	2.1	SR5	12/9/2018 22:40	22.57	93.1	6.60	3.2
SR5	12/9/2018 4:45	22.62	95.5	6.78	2.3	SR5	12/9/2018 10:45	22.74	94.4	6.70	3.8	SR5	12/9/2018 16:45	22.66	94.1	6.67	4.0	SR5	12/9/2018 22:45	22.57	94.6	6.71	3.7
SR5	12/9/2018 4:50	22.65	95.5	6.77	2.9	SR5	12/9/2018 10:50	22.72	94.9	6.74	4.2	SR5	12/9/2018 16:50	22.67	94.8	6.73	2.9	SR5	12/9/2018 22:50	22.58	94.0	6.67	3.0
SR5	12/9/2018 4:55	22.59	92.0	6.53	3.2	SR5	12/9/2018 10:55	22.75	96.9	6.87	2.1	SR5	12/9/2018 16:55	22.65	93.5	6.63	2.7	SR5	12/9/2018 22:55	22.60	95.7	6.79	1.8
SR5	12/9/2018 5:00	22.63	92.9	6.59	2.7	SR5	12/9/2018 11:00	22.72	95.8	6.80	1.8	SR5	12/9/2018 17:00	22.55	94.5	6.71	3.4	SR5	12/9/2018 23:00	22.67	94.6	6.71	4.4
SR5	12/9/2018 5:05	22.61	95.2	6.75	3.6	SR5	12/9/2018 11:05	22.72	95.6	6.78	4.0	SR5	12/9/2018 17:05	22.63	93.6	6.64	4.4	SR5	12/9/2018 23:05	22.63	95.0	6.74	4.2
SR5	12/9/2018 5:10	22.61	95.3	6.76	3.0	SR5	12/9/2018 11:10	22.71	94.0	6.67	1.9	SR5	12/9/2018 17:10	22.56	95.6	6.78	2.6	SR5	12/9/2018 23:10	22.67	93.4	6.63	1.2
SR5	12/9/2018 5:15	22.63	95.8	6.80	3.7	SR5	12/9/2018 11:15	22.67	94.1	6.67	1.5	SR5	12/9/2018 17:15	22.52	95.9	6.80	2.6	SR5	12/9/2018 23:15	22.73	96.3	6.83	3.9
SR5	12/9/2018 5:20	22.62	95.1	6.74	2.7	SR5	12/9/2018 11:20	22.63	95.0	6.74	3.7	SR5	12/9/2018 17:20	22.48	94.4	6.69	1.8	SR5	12/9/2018 23:20	22.73	96.0	6.81	1.8
SR5	12/9/2018 5:25	22.61	96.3	6.83	3.3	SR5	12/9/2018 11:25	22.56	97.0	6.88	2.4	SR5	12/9/2018 17:25	22.57	96.3	6.83	2.5	SR5	12/9/2018 23:25	22.72	93.4	6.63	1.8
SR5	12/9/2018 5:30	22.61	97.0	6.88	4.4	SR5	12/9/2018 11:30	22.75	97.2	6.90	2.9	SR5	12/9/2018 17:30	22.59	95.1	6.74	2.8	SR5	12/9/2018 23:30	22.73	94.0	6.67	4.6
SR5	12/9/2018 5:35	22.61	97.2	6.89	3.0	SR5	12/9/2018 11:35	22.74	94.0	6.67	3.8	SR5	12/9/2018 17:35	22.64	95.6	6.78	2.3	SR5	12/9/2018 23:35	22.73	94.7	6.72	4.2
SR5	12/9/2018 5:40	22.57	94.4	6.69	2.6	SR5	12/9/2018 11:40	22.68	96.3	6.83	2.7	SR5	12/9/2018 17:40	22.59	95.9	6.80	1.7	SR5	12/9/2018 23:40	22.72	96.1	6.82	3.7
SR5	12/9/2018 5:45	22.59	95.2	6.75	3.6	SR5	12/9/2018 11:45	22.70	96.1	6.81	3.3	SR5	12/9/2018 17:45	22.59	96.6	6.85	3.3	SR5	12/9/2018 23:45	22.70	95.2	6.75	3.1
SR5	12/9/2018 5:50	22.62	94.6	6.71	2.0	SR5	12/9/2018 11:50	22.73	93.9	6.66	4.2	SR5	12/9/2018 17:50	22.61	94.6	6.71	4.0	SR5	12/9/2018 23:50	22.72	94.0	6.66	2.1
SR5	12/9/2018 5:55	22.62	97.8	6.94	4.5	SR5	12/9/2018 11:55	22.71	97.0	6.88	2.0	SR5	12/9/2018 17:55	22.66	95.4	6.76	2.1	SR5	12/9/2018 23:55	22.73	95.1	6.75	3.6

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/9/2018 0:01	22.03	80.8	5.85	2.1	SR12	12/9/2018 6:01	22.06	80.6	5.83	3.3	SR12	12/9/2018 12:01	22.03	80.3	5.81	2.7	SR12	12/9/2018 18:01	22.13	79.3	5.73	4.2
SR12	12/9/2018 0:06	22.02	81.7	5.91	4.1	SR12	12/9/2018 6:06	22.06	79.9	5.78	2.6	SR12	12/9/2018 12:06	22.02	80.3	5.82	3.3	SR12	12/9/2018 18:06	22.13	79.1	5.71	2.1
SR12	12/9/2018 0:11	22.02	81.8	5.92	4.1	SR12	12/9/2018 6:11	22.06	80.5	5.82	2.4	SR12	12/9/2018 12:11	22.01	79.6	5.76	3.1	SR12	12/9/2018 18:11	22.12	79.0	5.71	2.6
SR12	12/9/2018 0:16	22.01	78.3	5.67	1.6	SR12	12/9/2018 6:16	22.06	81.9	5.93	1.8	SR12	12/9/2018 12:16	22.02	79.8	5.78	2.1	SR12	12/9/2018 18:16	22.12	79.8	5.77	2.0
SR12	12/9/2018 0:21	22.04	81.0	5.86	3.7	SR12	12/9/2018 6:21	22.07	81.3	5.88	1.8	SR12	12/9/2018 12:21	22.01	80.1	5.80	2.0	SR12	12/9/2018 18:21	22.11	78.3	5.66	2.0
SR12	12/9/2018 0:26	22.02	81.3	5.89	3.7	SR12	12/9/2018 6:26	22.06	81.4	5.89	2.7	SR12	12/9/2018 12:26	22.00	80.3	5.81	3.3	SR12	12/9/2018 18:26	22.08	77.0	5.57	3.4
SR12	12/9/2018 0:31	22.01	81.1	5.87	5.3	SR12	12/9/2018 6:31	22.06	80.8	5.85	2.1	SR12	12/9/2018 12:31	22.01	79.4	5.75	2.9	SR12	12/9/2018 18:31	22.06	79.2	5.73	3.6
SR12	12/9/2018 0:36	22.05	80.5	5.83	3.5	SR12	12/9/2018 6:36	22.06	81.1	5.87	3.6	SR12	12/9/2018 12:36	22.02	79.7	5.77	1.4	SR12	12/9/2018 18:36	22.06	78.9	5.71	2.7
SR12	12/9/2018 0:41	22.04	80.6	5.84	3.3	SR12	12/9/2018 6:41	22.06	80.8	5.85	1.8	SR12	12/9/2018 12:41	22.03	79.8	5.77	1.6	SR12	12/9/2018 18:41	22.09	77.4	5.59	1.7
SR12	12/9/2018 0:46	22.04	80.2	5.80	1.9	SR12	12/9/2018 6:46	22.08	81.3	5.89	3.9	SR12	12/9/2018 12:46	22.01	79.6	5.76	3.6	SR12	12/9/2018 18:46	22.10	76.0	5.49	3.2
SR12	12/9/2018 0:51	22.02	81.7	5.92	4.6	SR12	12/9/2018 6:51	22.08	80.6	5.83	1.5	SR12	12/9/2018 12:51	22.02	79.5	5.76	4.2	SR12	12/9/2018 18:51	22.09	77.4	5.60	3.3
SR12	12/9/2018 0:56	21.97	71.4	5.18	1.9	SR12	12/9/2018 6:56	22.08	80.2	5.80	2.3	SR12	12/9/2018 12:56	22.01	79.5	5.75	3.5	SR12	12/9/2018 18:56	22.08	77.6	5.62	3.7
SR12	12/9/2018 1:01	21.99	77.1	5.59	**12.5**	SR12	12/9/2018 7:01	22.07	80.7	5.84	2.9	SR12	12/9/2018 13:01	22.02	79.6	5.77	1.9	SR12	12/9/2018 19:01	22.07	77.4	5.60	2.3
SR12	12/9/2018 1:06	21.98	78.7	5.70	3.7	SR12	12/9/2018 7:06	22.06	80.6	5.83	2.8	SR12	12/9/2018 13:06	22.01	79.7	5.77	2.3	SR12	12/9/2018 19:06	22.07	76.9	5.56	3.2
SR12	12/9/2018 1:11	22.00	79.4	5.75	3.5	SR12	12/9/2018 7:11	22.07	80.8	5.85	2.8	SR12	12/9/2018 13:11	22.00	80.0	5.80	1.5	SR12	12/9/2018 19:11	22.07	77.4	5.60	1.8
SR12	12/9/2018 1:16	22.02	80.3	5.81	2.8	SR12	12/9/2018 7:16	22.06	81.0	5.86	2.8	SR12	12/9/2018 13:16	22.00	80.4	5.82	3.9	SR12	12/9/2018 19:16	22.10	78.7	5.69	2.5
SR12	12/9/2018 1:21	22.03	82.2	5.95	3.4	SR12	12/9/2018 7:21	22.06	81.0	5.86	3.4	SR12	12/9/2018 13:21	21.99	80.6	5.84	2.9	SR12	12/9/2018 19:21	22.07	79.3	5.74	3.5
SR12	12/9/2018 1:26	22.04	82.2	5.94	1.5	SR12	12/9/2018 7:26	22.07	80.9	5.85	2.9	SR12	12/9/2018 13:26	21.99	79.7	5.78	3.6	SR12	12/9/2018 19:26	22.06	78.7	5.70	4.3
SR12	12/9/2018 1:31	22.03	82.4	5.96	3.7	SR12	12/9/2018 7:31	22.07	79.8	5.77	2.7	SR12	12/9/2018 13:31	21.99	80.1	5.81	4.0	SR12	12/9/2018 19:31	22.05	80.0	5.79	2.9
SR12	12/9/2018 1:36	22.03	82.3	5.96	4.2	SR12	12/9/2018 7:36	22.06	79.7	5.76	2.6	SR12	12/9/2018 13:36	21.98	78.5	5.69	2.9	SR12	12/9/2018 19:36	22.07	79.1	5.72	4.1
SR12	12/9/2018 1:41	22.03	82.3	5.96	2.9	SR12	12/9/2018 7:41	22.07	79.7	5.77	4.0	SR12	12/9/2018 13:41	21.98	79.7	5.78	2.3	SR12	12/9/2018 19:41	22.06	79.0	5.71	2.8
SR12	12/9/2018 1:46	22.03	82.4	5.96	4.5	SR12	12/9/2018 7:46	22.05	80.2	5.80	2.7	SR12	12/9/2018 13:46	21.98	79.4	5.76	4.0	SR12	12/9/2018 19:46	22.06	78.9	5.71	3.6
SR12	12/9/2018 1:51	22.03	82.2	5.95	2.7	SR12	12/9/2018 7:51	22.04	80.6	5.83	4.0	SR12	12/9/2018 13:51	22.00	78.9	5.72	4.1	SR12	12/9/2018 19:51	22.06	78.5	5.68	3.7
SR12	12/9/2018 1:56	22.04	82.4	5.97	2.4	SR12	12/9/2018 7:56	22.03	81.0	5.86	4.8	SR12	12/9/2018 13:56	21.99	78.6	5.70	4.4	SR12	12/9/2018 19:56	22.06	79.9	5.78	3.5
SR12	12/9/2018 2:01	22.05	82.0	5.93	3.0	SR12	12/9/2018 8:01	22.04	80.4	5.82	4.1	SR12	12/9/2018 14:01	21.97	79.0	5.73	2.8	SR12	12/9/2018 20:01	22.06	80.5	5.82	4.5
SR12	12/9/2018 2:06	22.04	81.8	5.92	3.3	SR12	12/9/2018 8:06	22.03	80.6	5.83	3.4	SR12	12/9/2018 14:06	21.99	80.4	5.82	4.1	SR12	12/9/2018 20:06	22.07	78.7	5.69	1.3
SR12	12/9/2018 2:11	22.04	82.4	5.96	2.4	SR12	12/9/2018 8:11	22.03	80.1	5.80	3.5	SR12	12/9/2018 14:11	22.00	79.8	5.79	3.0	SR12	12/9/2018 20:11	22.08	80.3	5.81	2.9
SR12	12/9/2018 2:16	22.04	82.5	5.97	2.3	SR12	12/9/2018 8:16	22.04	80.5	5.82	3.4	SR12	12/9/2018 14:16	21.99	79.5	5.76	1.5	SR12	12/9/2018 20:16	22.07	80.0	5.79	3.5
SR12	12/9/2018 2:21	22.06	82.0	5.94	3.2	SR12	12/9/2018 8:21	22.05	80.0	5.79	3.8	SR12	12/9/2018 14:21	21.97	78.4	5.68	2.5	SR12	12/9/2018 20:21	22.05	80.1	5.80	1.9
SR12	12/9/2018 2:26	22.05	81.6	5.90	7.0	SR12	12/9/2018 8:26	22.04	79.8	5.77	3.8	SR12	12/9/2018 14:26	21.99	78.7	5.70	2.9	SR12	12/9/2018 20:26	22.06	79.7	5.76	3.2
SR12	12/9/2018 2:31	22.02	81.7	5.91	5.0	SR12	12/9/2018 8:31	22.01	79.9	5.79	3.4	SR12	12/9/2018 14:31	21.99	79.6	5.76	2.8	SR12	12/9/2018 20:31	22.06	80.6	5.83	3.9
SR12	12/9/2018 2:36	22.02	81.4	5.89	3.2	SR12	12/9/2018 8:36	21.99	79.0	5.73	4.9	SR12	12/9/2018 14:36	21.99	79.2	5.74	3.7	SR12	12/9/2018 20:36	22.05	80.7	5.84	2.2
SR12	12/9/2018 2:41	22.02	81.3	5.89	2.5	SR12	12/9/2018 8:41	21.98	78.9	5.72	3.8	SR12	12/9/2018 14:41	21.96	78.1	5.66	2.6	SR12	12/9/2018 20:41	22.05	81.2	5.88	3.5
SR12	12/9/2018 2:46	22.00	81.6	5.91	6.6	SR12	12/9/2018 8:46	22.02	79.1	5.73	2.9	SR12	12/9/2018 14:46	21.97	77.8	5.64	3.1	SR12	12/9/2018 20:46	22.03	79.8	5.77	3.7
SR12	12/9/2018 2:51	22.02	81.2	5.88	4.4	SR12	12/9/2018 8:51	22.01	79.8	5.78	4.2	SR12	12/9/2018 14:51	22.00	78.2	5.67	1.6	SR12	12/9/2018 20:51	22.05	81.2	5.87	4.1
SR12	12/9/2018 2:56	22.03	81.9	5.93	2.0	SR12	12/9/2018 8:56	22.03	80.1	5.80	3.5	SR12	12/9/2018 14:56	21.99	79.4	5.74	3.5	SR12	12/9/2018 20:56	22.04	81.5	5.90	4.2
SR12	12/9/2018 3:01	22.04	81.3	5.89	2.4	SR12	12/9/2018 9:01	22.05	79.6	5.76	1.8	SR12	12/9/2018 15:01	22.00	79.2	5.74	1.2	SR12	12/9/2018 21:01	22.04	81.3	5.88	3.6
SR12	12/9/2018 3:06	22.02	81.4	5.89	1.5	SR12	12/9/2018 9:06	22.04	79.4	5.75	4.3	SR12	12/9/2018 15:06	22.01	78.6	5.68	3.3	SR12	12/9/2018 21:06	22.04	81.2	5.87	3.2
SR12	12/9/2018 3:11	22.00	83.1	6.02	4.9	SR12	12/9/2018 9:11	22.05	79.9	5.79	3.4	SR12	12/9/2018 15:11	22.00	79.0	5.72	3.2	SR12	12/9/2018 21:11	22.05	81.1	5.86	3.9
SR12	12/9/2018 3:16	22.03	82.7	5.98	4.9	SR12	12/9/2018 9:16	22.04	80.5	5.83	2.5	SR12	12/9/2018 15:16	21.98	79.9	5.78	3.5	SR12	12/9/2018 21:16	22.06	80.6	5.83	1.9
SR12	12/9/2018 3:21	22.01	81.8	5.93	3.2	SR12	12/9/2018 9:21	22.03	79.7	5.77	5.0	SR12	12/9/2018 15:21	21.98	79.9	5.78	2.6	SR12	12/9/2018 21:21	22.06	80.5	5.82	3.4
SR12	12/9/2018 3:26	22.00	82.6	5.98	2.5	SR12	12/9/2018 9:26	22.04	80.3	5.82	4.2	SR12	12/9/2018 15:26	21.97	79.2	5.74	3.0	SR12	12/9/2018 21:26	22.05	80.7	5.83	2.5
SR12	12/9/2018 3:31	22.02	82.5	5.98	3.1	SR12	12/9/2018 9:31	22.03	80.6	5.83	2.9	SR12	12/9/2018 15:31	22.12	79.5	5.74	3.0	SR12	12/9/2018 21:31	22.05	80.7	5.84	3.8
SR12	12/9/2018 3:36	22.02	82.9	6.00	3.8	SR12	12/9/2018 9:36	22.00	79.5	5.75	2.5	SR12	12/9/2018 15:36	22.13	79.0	5.71	4.1	SR12	12/9/2018 21:36	22.05	80.5	5.82	3.2
SR12	12/9/2018 3:41	22.02	82.3	5.96	2.7	SR12	12/9/2018 9:41	22.00	79.1	5.73	4.1	SR12	12/9/2018 15:41	22.15	80.8	5.84	3.3	SR12	12/9/2018 21:41	22.06	80.5	5.82	4.7
SR12	12/9/2018 3:46	22.03	82.9	6.00	6.0	SR12	12/9/2018 9:46	22.00	80.0	5.79	3.6	SR12	12/9/2018 15:46	22.14	80.5	5.81	3.3	SR12	12/9/2018 21:46	22.08	79.3	5.73	4.6
SR12	12/9/2018 3:51	22.03	81.9	5.93	1.7	SR12	12/9/2018 9:51	22.00	80.3	5.82	3.7	SR12	12/9/2018 15:51	22.13	81.0	5.85	3.2	SR12	12/9/2018 21:51	22.06	80.3	5.81	2.0
SR12	12/9/2018 3:56	22.03	82.7	5.99	3.1	SR12	12/9/2018 9:56	22.01	80.3	5.82	1.3	SR12	12/9/2018 15:56	22.13	80.4	5.81	4.3	SR12	12/9/2018 21:56	22.07	79.9	5.78	4.3
SR12	12/9/2018 4:01	22.03	82.3	5.96	2.8	SR12	12/9/2018 10:01	22.02	81.1	5.87	2.3	SR12	12/9/2018 16:01	22.12	80.5	5.82	3.7	SR12	12/9/2018 22:01	22.06	79.6	5.76	5.1
SR12	12/9/2018 4:06	22.03	82.2	5.95	4.3	SR12	12/9/2018 10:06	22.02	80.6	5.83	2.6	SR12	12/9/2018 16:06	22.14	79.9	5.77	1.7	SR12	12/9/2018 22:06	22.09	78.8	5.70	2.4
SR12	12/9/2018 4:11	22.04	82.7	5.99	2.6	SR12	12/9/2018 10:11	22.01	80.5	5.83	4.3	SR12	12/9/2018 16:11	22.13	80.0	5.78	1.9	SR12	12/9/2018 22:11	22.06	80.4	5.82	3.2
SR12	12/9/2018 4:16	22.05	82.5	5.97	4.1	SR12	12/9/2018 10:16	22.00	80.8	5.86	4.7	SR12	12/9/2018 16:16	22.14	79.3	5.73	3.8	SR12	12/9/2018 22:16	22.05	80.0	5.79	4.0
SR12	12/9/2018 4:21	22.02	82.8	6.00	2.6	SR12	12/9/2018 10:21	22.00	80.3	5.82	1.5	SR12	12/9/2018 16:21	22.15	78.8	5.70	4.1	SR12	12/9/2018 22:21	22.06	79.9	5.77	4.6
SR12	12/9/2018 4:26	22.04	82.3	5.96	2.1	SR12	12/9/2018 10:26	22.03	79.8	5.77	3.7	SR12	12/9/2018 16:26	22.14	79.7	5.76	4.4	SR12	12/9/2018 22:26	22.06	79.7	5.76	3.2
SR12	12/9/2018 4:31	22.05	82.1	5.94	2.0	SR12	12/9/2018 10:31	22.03	79.4	5.75	4.3	SR12	12/9/2018 16:31	22.13	79.6	5.75	4.4	SR12	12/9/2018 22:31	22.14	74.1	5.36	3.3
SR12	12/9/2018 4:36	22.04	82.0	5.94	2.8	SR12	12/9/2018 10:36	22.02	79.6	5.77	3.1	SR12	12/9/2018 16:36	22.13	79.3	5.73	2.1	SR12	12/9/2018 22:36	22.17	70.5	5.10	4.6
SR12	12/9/2018 4:41	22.03	82.0	5.94	4.9	SR12	12/9/2018 10:41	22.03	80.2	5.80	4.3	SR12	12/9/2018 16:41	22.12	79.0	5.70	2.2	SR12	12/9/2018 22:41	22.07	78.3	5.66	6.5
SR12	12/9/2018 4:46	22.02	81.8	5.93	4.1	SR12	12/9/2018 10:46	22.03	80.2	5.81	5.0	SR12	12/9/2018 16:46	22.12	79.5	5.75	4.2	SR12	12/9/2018 22:46	22.06	78.7	5.69	3.8
SR12	12/9/2018 4:51	22.02	81.9	5.92	4.4	SR12	12/9/2018 10:51	22.03	79.9	5.79	2.5	SR12	12/9/2018 16:51	22.12	80.1	5.79	2.8	SR12	12/9/2018 22:51	22.04	79.7	5.77	3.5
SR12	12/9/2018 4:56	22.03	81.3	5.88	2.6	SR12	12/9/2018 10:56	22.02	78.8	5.71	4.2	SR12	12/9/2018 16:56	22.13	79.9	5.77	3.1	SR12	12/9/2018 22:56	22.06	80.5	5.83	1.6
SR12	12/9/2018 5:01	22.02	81.2	5.88	3.3	SR12	12/9/2018 11:01	22.02	79.7	5.77	1.4	SR12	12/9/2018 17:01	22.13	80.0	5.78	1.6	SR12	12/9/2018 23:01	22.06	80.8	5.85	3.0
SR12	12/9/2018 5:06	22.03	81.1	5.87	3.5	SR12	12/9/2018 11:06	22.02	79.3	5.75	3.3	SR12	12/9/2018 17:06	22.12	79.7	5.76	5.0	SR12	12/9/2018 23:06	21.98	80.9	5.86	2.1
SR12	12/9/2018 5:11	22.03	81.2	5.87	1.7	SR12	12/9/2018 11:11	22.02	79.1	5.73	3.9	SR12	12/9/2018 17:11	22.13	79.5	5.74	3.7	SR12	12/9/2018 23:11	21.99	80.9	5.86	1.5
SR12	12/9/2018 5:16	22.03	81.0	5.86	3.0	SR12	12/9/2018 11:16	22.02	76.7	5.56	2.4	SR12	12/9/2018 17:16	22.13	79.3	5.73	3.9	SR12	12/9/2018 23:16	21.99	81.2	5.88	2.5
SR12	12/9/2018 5:21	22.05	81.1	5.87	4.4	SR12	12/9/2018 11:21	22.02	78.8	5.71	2.6	SR12	12/9/2018 17:21	22.13	79.5	5.74	3.9	SR12	12/9/2018 23:21	21.99	81.3	5.89	2.2
SR12	12/9/2018 5:26	22.05	82.1	5.94	3.2	SR12	12/9/2018 11:26	22.03	79.5	5.76	3.2	SR12	12/9/2018 17:26	22.13	78.7	5.69	2.9	SR12	12/9/2018 23:26	21.98	81.5	5.90	4.2
SR12	12/9/2018 5:31	22.07	81.7	5.91	3.4	SR12	12/9/2018 11:31	22.03	79.7	5.77	1.3	SR12	12/9/2018 17:31	22.13	79.5	5.74	2.2	SR12	12/9/2018 23:31	21.98	81.0	5.86	3.4
SR12	12/9/2018 5:36	22.06	81.1	5.87	4.9	SR12	12/9/2018 11:36	22.02	79.4	5.75	2.1	SR12	12/9/2018 17:36	22.13	79.7	5.76	1.9	SR12	12/9/2018 23:36	21.98	82.0	5.94	3.0
SR12	12/9/2018 5:41	22.07	81.3	5.88	3.7	SR12	12/9/2018 11:41	22.03	79.2	5.73	3.5	SR12	12/9/2018 17:41	22.13	80.3	5.80	2.0	SR12	12/9/2018 23:41	21.99	81.2	5.88	4.2
SR12	12/9/2018 5:46	22.07	80.8	5.85	4.1	SR12	12/9/2018 11:46	22.01	80.1	5.80	3.3	SR12	12/9/2018 17:46	22.12	80.6	5.82	2.9	SR12	12/9/2018 23:46	21.96	81.6	5.91	1.7
SR12	12/9/2018 5:51	22.07	80.7	5.84	3.9	SR12	12/9/2018 11:51	22.02	80.1	5.80	3.7	SR12	12/9/2018 17:51	22.12	80.1	5.79	3.5	SR12	12/9/2018 23:51	21.97	81.8	5.92	4.2
SR12	12/9/2018 5:56	22.07	81.2	5.87	4.1	SR12	12/9/2018 11:56	22.02	80.0	5.80	3.6	SR12	12/9/2018 17:56	22.12	80.0	5.78	2.8	SR12	12/9/2018 23:56	21.97	82.9	6.00	5.2

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/9/2018 0:00	22.28	87.5	6.48	2.1	SR13	12/9/2018 6:00	22.56	86.6	6.41	2.2	SR13	12/9/2018 12:00	22.01	80.7	5.38	4.9	SR13	12/9/2018 18:00	21.89	80.9	5.40	7.6
SR13	12/9/2018 0:05	22.29	87.4	6.46	2.0	SR13	12/9/2018 6:05	22.51	86.8	6.44	2.3	SR13	12/9/2018 12:05	22.02	80.4	5.36	5.4	SR13	12/9/2018 18:05	21.91	81.4	5.43	7.6
SR13	12/9/2018 0:10	22.29	89.1	6.59	2.1	SR13	12/9/2018 6:10	22.37	87.1	6.45	2.2	SR13	12/9/2018 12:10	22.01	80.3	5.35	5.2	SR13	12/9/2018 18:10	21.91	81.3	5.42	7.2
SR13	12/9/2018 0:15	22.28	88.9	6.57	1.7	SR13	12/9/2018 6:15	22.36	87.1	6.45	2.5	SR13	12/9/2018 12:15	22.01	80.2	5.35	5.4	SR13	12/9/2018 18:15	22.40	94.2	7.00	1.5
SR13	12/9/2018 0:20	22.27	88.1	6.52	2.8	SR13	12/9/2018 6:20	22.42	87.7	6.49	2.5	SR13	12/9/2018 12:20	22.01	80.4	5.36	5.3	SR13	12/9/2018 18:20	22.41	94.3	7.01	1.4
SR13	12/9/2018 0:25	22.27	88.1	6.52	2.2	SR13	12/9/2018 6:25	22.38	86.4	6.40	2.0	SR13	12/9/2018 12:25	22.01	80.5	5.37	4.8	SR13	12/9/2018 18:25	22.40	94.6	7.03	1.2
SR13	12/9/2018 0:30	22.27	87.2	6.45	2.4	SR13	12/9/2018 6:30	22.40	86.3	6.39	2.6	SR13	12/9/2018 12:30	21.99	79.6	5.31	4.9	SR13	12/9/2018 18:30	22.40	94.8	7.05	1.9
SR13	12/9/2018 0:35	22.24	85.8	6.35	2.8	SR13	12/9/2018 6:35	22.40	85.8	6.35	2.0	SR13	12/9/2018 12:35	21.99	79.5	5.30	4.6	SR13	12/9/2018 18:35	22.40	94.0	6.98	2.2
SR13	12/9/2018 0:40	22.27	85.5	6.33	2.0	SR13	12/9/2018 6:40	22.38	86.3	6.39	2.7	SR13	12/9/2018 12:40	22.01	79.8	5.32	5.3	SR13	12/9/2018 18:40	22.42	93.9	6.98	1.3
SR13	12/9/2018 0:45	22.29	87.7	6.49	1.5	SR13	12/9/2018 6:45	22.36	84.4	6.25	1.9	SR13	12/9/2018 12:45	21.99	80.3	5.35	5.7	SR13	12/9/2018 18:45	22.41	93.9	6.98	2.6
SR13	12/9/2018 0:50	22.29	88.6	6.56	2.1	SR13	12/9/2018 6:50	22.38	84.9	6.29	3.2	SR13	12/9/2018 12:50	21.99	79.8	5.32	5.5	SR13	12/9/2018 18:50	22.42	93.5	6.95	1.7
SR13	12/9/2018 0:55	22.28	88.5	6.55	2.1	SR13	12/9/2018 6:55	22.46	85.5	6.33	1.9	SR13	12/9/2018 12:55	21.98	80.5	5.37	1.9	SR13	12/9/2018 18:55	22.42	93.5	6.94	1.6
SR13	12/9/2018 1:00	22.29	87.2	6.45	1.5	SR13	12/9/2018 7:00	22.45	85.7	6.35	1.7	SR13	12/9/2018 13:00	21.98	80.8	5.39	2.5	SR13	12/9/2018 19:00	22.42	93.7	6.96	1.4
SR13	12/9/2018 1:05	22.29	88.8	6.58	1.7	SR13	12/9/2018 7:05	22.44	85.7	6.34	1.9	SR13	12/9/2018 13:05	21.98	80.6	5.37	3.7	SR13	12/9/2018 19:05	22.42	94.1	6.99	1.7
SR13	12/9/2018 1:10	22.30	88.1	6.52	1.8	SR13	12/9/2018 7:10	22.45	85.7	6.35	2.0	SR13	12/9/2018 13:10	21.98	80.5	5.37	3.4	SR13	12/9/2018 19:10	22.41	92.7	6.89	2.0
SR13	12/9/2018 1:15	22.29	88.4	6.54	2.4	SR13	12/9/2018 7:15	22.41	85.3	6.31	1.9	SR13	12/9/2018 13:15	21.98	80.2	5.35	3.0	SR13	12/9/2018 19:15	22.41	93.2	6.93	2.1
SR13	12/9/2018 1:20	22.31	86.7	6.41	2.2	SR13	12/9/2018 7:20	22.40	85.5	6.33	2.4	SR13	12/9/2018 13:20	21.97	80.2	5.35	3.4	SR13	12/9/2018 19:20	22.41	93.3	6.94	2.0
SR13	12/9/2018 1:25	22.29	87.2	6.45	2.0	SR13	12/9/2018 7:25	22.36	85.0	6.29	1.7	SR13	12/9/2018 13:25	21.98	80.4	5.36	6.7	SR13	12/9/2018 19:25	22.41	93.3	6.93	1.4
SR13	12/9/2018 1:30	22.32	87.4	6.47	1.8	SR13	12/9/2018 7:30	22.38	85.3	6.31	2.4	SR13	12/9/2018 13:30	21.98	80.4	5.36	7.5	SR13	12/9/2018 19:30	22.41	92.8	6.90	1.7
SR13	12/9/2018 1:35	22.30	88.0	6.51	2.5	SR13	12/9/2018 7:35	22.39	86.9	6.43	1.3	SR13	12/9/2018 13:35	21.98	80.7	5.38	10.4	SR13	12/9/2018 19:35	22.40	93.0	6.92	2.2
SR13	12/9/2018 1:40	22.28	84.4	6.25	1.9	SR13	12/9/2018 7:40	22.39	86.8	6.43	1.5	SR13	12/9/2018 13:40	21.97	80.9	5.39	9.8	SR13	12/9/2018 19:40	22.38	93.4	6.95	2.0
SR13	12/9/2018 1:45	22.29	86.2	6.39	5.0	SR13	12/9/2018 7:45	22.38	86.0	6.38	1.7	SR13	12/9/2018 13:45	21.97	80.9	5.39	9.3	SR13	12/9/2018 19:45	22.39	93.2	6.93	1.7
SR13	12/9/2018 1:50	22.26	87.4	6.46	1.9	SR13	12/9/2018 7:50	22.38	86.7	6.42	2.3	SR13	12/9/2018 13:50	21.97	81.3	5.42	11.3	SR13	12/9/2018 19:50	22.38	92.5	6.88	1.9
SR13	12/9/2018 1:55	22.26	86.9	6.43	2.1	SR13	12/9/2018 7:55	22.36	86.4	6.40	2.2	SR13	12/9/2018 13:55	21.97	80.9	5.39	11.1	SR13	12/9/2018 19:55	22.37	93.1	6.92	1.7
SR13	12/9/2018 2:00	22.26	87.8	6.49	1.9	SR13	12/9/2018 8:00	22.37	86.2	6.39	2.2	SR13	12/9/2018 14:00	21.96	80.8	5.39	10.3	SR13	12/9/2018 20:00	22.37	93.6	6.96	2.0
SR13	12/9/2018 2:05	22.27	88.8	6.57	2.1	SR13	12/9/2018 8:05	22.39	86.1	6.38	2.0	SR13	12/9/2018 14:05	21.97	81.0	5.40	11.8	SR13	12/9/2018 20:05	22.35	93.0	6.92	1.5
SR13	12/9/2018 2:10	22.28	88.3	6.53	1.7	SR13	12/9/2018 8:10	22.36	87.3	6.47	1.9	SR13	12/9/2018 14:10	21.97	81.0	5.40	11.2	SR13	12/9/2018 20:10	22.37	92.7	6.89	2.2
SR13	12/9/2018 2:15	22.27	88.7	6.56	2.4	SR13	12/9/2018 8:15	22.40	86.8	6.43	1.7	SR13	12/9/2018 14:15	21.96	80.7	5.38	11.8	SR13	12/9/2018 20:15	22.37	93.9	6.99	1.5
SR13	12/9/2018 2:20	22.27	88.6	6.56	2.4	SR13	12/9/2018 8:20	22.38	86.5	6.41	1.8	SR13	12/9/2018 14:20	21.96	81.0	5.40	11.0	SR13	12/9/2018 20:20	22.36	93.3	6.93	2.4
SR13	12/9/2018 2:25	22.28	88.1	6.52	1.6	SR13	12/9/2018 8:25	22.46	86.0	6.38	2.4	SR13	12/9/2018 14:25	21.96	81.0	5.39	10.1	SR13	12/9/2018 20:25	22.37	93.1	6.92	1.6
SR13	12/9/2018 2:30	22.28	89.1	6.59	2.4	SR13	12/9/2018 8:30	22.39	85.7	6.35	1.7	SR13	12/9/2018 14:30	21.96	80.9	5.39	10.9	SR13	12/9/2018 20:30	22.35	92.3	6.87	1.7
SR13	12/9/2018 2:35	22.28	88.8	6.57	1.9	SR13	12/9/2018 8:35	22.44	85.9	6.36	2.6	SR13	12/9/2018 14:35	21.96	80.6	5.37	11.5	SR13	12/9/2018 20:35	22.34	92.0	6.84	2.2
SR13	12/9/2018 2:40	22.29	88.8	6.57	1.7	SR13	12/9/2018 8:40	22.44	85.5	6.34	2.5	SR13	12/9/2018 14:40	21.97	79.6	5.30	9.0	SR13	12/9/2018 20:40	22.36	92.7	6.89	2.1
SR13	12/9/2018 2:45	22.30	88.2	6.52	1.9	SR13	12/9/2018 8:45	22.01	82.4	5.83	2.3	SR13	12/9/2018 14:45	21.96	80.4	5.36	11.5	SR13	12/9/2018 20:45	22.38	93.0	6.91	2.2
SR13	12/9/2018 2:50	22.29	88.1	6.52	2.5	SR13	12/9/2018 8:50	22.00	82.5	5.83	2.3	SR13	12/9/2018 14:50	21.97	80.3	5.35	11.3	SR13	12/9/2018 20:50	22.39	92.3	6.86	1.0
SR13	12/9/2018 2:55	22.31	86.6	6.41	1.9	SR13	12/9/2018 8:55	22.00	82.3	5.82	4.9	SR13	12/9/2018 14:55	21.96	80.7	5.38	10.6	SR13	12/9/2018 20:55	22.40	91.9	6.83	2.1
SR13	12/9/2018 3:00	22.30	87.8	6.49	2.0	SR13	12/9/2018 9:00	22.01	82.8	5.86	1.8	SR13	12/9/2018 15:00	21.96	80.5	5.36	9.5	SR13	12/9/2018 21:00	22.38	91.9	6.83	2.2
SR13	12/9/2018 3:05	22.31	88.6	6.56	2.1	SR13	12/9/2018 9:05	22.01	82.8	5.85	1.7	SR13	12/9/2018 15:05	21.96	80.8	5.38	10.5	SR13	12/9/2018 21:05	22.36	91.6	6.81	1.6
SR13	12/9/2018 3:10	22.31	87.7	6.49	3.3	SR13	12/9/2018 9:10	22.00	82.7	5.84	5.9	SR13	12/9/2018 15:10	21.96	80.7	5.38	10.4	SR13	12/9/2018 21:10	22.36	91.3	6.79	3.7
SR13	12/9/2018 3:15	22.31	87.6	6.48	2.5	SR13	12/9/2018 9:15	22.00	83.0	5.86	5.6	SR13	12/9/2018 15:15	21.96	80.6	5.37	9.2	SR13	12/9/2018 21:15	22.34	91.5	6.80	1.8
SR13	12/9/2018 3:20	22.31	87.0	6.44	2.0	SR13	12/9/2018 9:20	22.00	82.5	5.83	4.8	SR13	12/9/2018 15:20	21.96	80.9	5.39	10.5	SR13	12/9/2018 21:20	22.33	91.3	6.79	1.5
SR13	12/9/2018 3:25	22.31	87.6	6.48	1.6	SR13	12/9/2018 9:25	22.00	82.3	5.82	5.2	SR13	12/9/2018 15:25	21.95	81.1	5.40	10.4	SR13	12/9/2018 21:25	22.34	92.8	6.90	2.5
SR13	12/9/2018 3:30	22.30	87.9	6.50	3.0	SR13	12/9/2018 9:30	22.00	82.6	5.84	4.1	SR13	12/9/2018 15:30	21.95	81.0	5.40	11.3	SR13	12/9/2018 21:30	22.34	91.4	6.79	2.3
SR13	12/9/2018 3:35	22.30	87.9	6.50	2.5	SR13	12/9/2018 9:35	22.00	82.4	5.82	1.5	SR13	12/9/2018 15:35	21.96	80.7	5.38	9.3	SR13	12/9/2018 21:35	22.34	92.0	6.84	2.6
SR13	12/9/2018 3:40	22.32	87.5	6.48	1.6	SR13	12/9/2018 9:40	22.00	82.5	5.83	6.1	SR13	12/9/2018 15:40	21.96	80.7	5.38	9.6	SR13	12/9/2018 21:40	22.32	92.3	6.86	2.4
SR13	12/9/2018 3:45	22.31	87.4	6.47	1.8	SR13	12/9/2018 9:45	22.00	82.6	5.84	4.2	SR13	12/9/2018 15:45	21.95	80.6	5.37	8.9	SR13	12/9/2018 21:45	22.32	92.8	6.89	2.5
SR13	12/9/2018 3:50	22.34	88.1	6.52	1.4	SR13	12/9/2018 9:50	22.00	83.0	5.87	3.2	SR13	12/9/2018 15:50	21.96	80.3	5.35	9.2	SR13	12/9/2018 21:50	22.31	91.8	6.82	1.8
SR13	12/9/2018 3:55	22.32	87.3	6.46	2.6	SR13	12/9/2018 9:55	22.00	82.6	5.85	1.8	SR13	12/9/2018 15:55	21.96	80.2	5.35	10.5	SR13	12/9/2018 21:55	22.31	91.8	6.83	2.1
SR13	12/9/2018 4:00	22.35	87.7	6.49	2.6	SR13	12/9/2018 10:00	22.00	82.8	5.85	2.0	SR13	12/9/2018 16:00	21.96	80.2	5.34	8.2	SR13	12/9/2018 22:00	22.32	91.9	6.84	1.7
SR13	12/9/2018 4:05	22.33	86.6	6.41	2.1	SR13	12/9/2018 10:05	22.00	82.7	5.84	3.0	SR13	12/9/2018 16:05	21.95	80.2	5.34	8.8	SR13	12/9/2018 22:05	22.31	92.3	6.87	1.9
SR13	12/9/2018 4:10	22.29	88.8	6.57	2.2	SR13	12/9/2018 10:10	22.00	82.8	5.86	2.0	SR13	12/9/2018 16:10	21.95	80.1	5.34	8.8	SR13	12/9/2018 22:10	22.31	92.0	6.84	1.5
SR13	12/9/2018 4:15	22.31	88.5	6.55	2.0	SR13	12/9/2018 10:15	21.99	83.1	5.88	2.0	SR13	12/9/2018 16:15	21.95	80.3	5.35	9.0	SR13	12/9/2018 22:15	22.30	92.4	6.87	2.6
SR13	12/9/2018 4:20	22.30	88.0	6.51	2.3	SR13	12/9/2018 10:20	22.00	82.5	5.83	2.7	SR13	12/9/2018 16:20	21.95	80.4	5.36	8.9	SR13	12/9/2018 22:20	22.33	92.1	6.85	1.6
SR13	12/9/2018 4:25	22.30	88.2	6.53	1.9	SR13	12/9/2018 10:25	22.00	82.5	5.83	2.7	SR13	12/9/2018 16:25	21.95	79.8	5.32	8.6	SR13	12/9/2018 22:25	22.31	92.9	6.91	1.9
SR13	12/9/2018 4:30	22.30	88.0	6.51	3.1	SR13	12/9/2018 10:30	21.99	82.8	5.86	2.4	SR13	12/9/2018 16:30	21.95	79.7	5.31	8.5	SR13	12/9/2018 22:30	22.34	91.9	6.84	2.1
SR13	12/9/2018 4:35	22.30	87.9	6.50	1.3	SR13	12/9/2018 10:35	22.00	82.7	5.85	2.5	SR13	12/9/2018 16:35	21.95	80.3	5.35	9.8	SR13	12/9/2018 22:35	22.32	92.2	6.86	1.6
SR13	12/9/2018 4:40	22.33	87.9	6.50	1.8	SR13	12/9/2018 10:40	22.00	83.1	5.88	3.6	SR13	12/9/2018 16:40	21.95	80.3	5.35	9.0	SR13	12/9/2018 22:40	22.32	93.0	6.92	2.4
SR13	12/9/2018 4:45	22.32	87.5	6.47	1.7	SR13	12/9/2018 10:45	22.01	83.1	5.87	3.5	SR13	12/9/2018 16:45	21.93	80.8	5.39	7.5	SR13	12/9/2018 22:45	22.33	93.0	6.92	2.6
SR13	12/9/2018 4:50	22.31	87.3	6.46	2.4	SR13	12/9/2018 10:50	22.01	83.5	5.90	5.0	SR13	12/9/2018 16:50	21.93	81.1	5.41	7.7	SR13	12/9/2018 22:50	22.34	92.3	6.87	1.7
SR13	12/9/2018 4:55	22.35	88.7	6.56	1.7	SR13	12/9/2018 10:55	22.01	83.3	5.89	4.7	SR13	12/9/2018 16:55	21.93	81.1	5.41	10.8	SR13	12/9/2018 22:55	22.33	92.4	6.87	1.9
SR13	12/9/2018 5:00	22.33	88.1	6.52	2.5	SR13	12/9/2018 11:00	22.01	83.4	5.90	4.6	SR13	12/9/2018 17:00	21.92	81.1	5.41	9.1	SR13	12/9/2018 23:00	22.34	92.6	6.89	1.8
SR13	12/9/2018 5:05	22.36	89.0	6.59	1.7	SR13	12/9/2018 11:05	22.00	78.0	**5.20**	4.8	SR13	12/9/2018 17:05	21.92	80.9	5.40	8.7	SR13	12/9/2018 23:05	22.35	92.6	6.88	2.2
SR13	12/9/2018 5:10	22.37	88.1	6.52	1.7	SR13	12/9/2018 11:10	21.99	77.9	**5.20**	5.5	SR13	12/9/2018 17:10	21.93	80.9	5.39	8.7	SR13	12/9/2018 23:10	22.35	91.5	6.80	2.0
SR13	12/9/2018 5:15	22.36	89.0	6.59	1.1	SR13	12/9/2018 11:15	22.00	80.3	5.36	3.9	SR13	12/9/2018 17:15	21.93	80.8	5.39	8.3	SR13	12/9/2018 23:15	22.36	89.8	6.68	1.8
SR13	12/9/2018 5:20	22.36	89.0	6.59	2.0	SR13	12/9/2018 11:20	22.00	79.9	5.33	4.9	SR13	12/9/2018 17:20	21.92	81.3	5.42	7.1	SR13	12/9/2018 23:20	22.32	88.3	6.57	2.1
SR13	12/9/2018 5:25	22.38	88.9	6.58	2.9	SR13	12/9/2018 11:25	22.01	78.7	5.25	4.6	SR13	12/9/2018 17:25	21.92	81.4	5.43	7.9	SR13	12/9/2018 23:25	22.30	90.9	6.76	2.7
SR13	12/9/2018 5:30	22.37	88.2	6.54	2.2	SR13	12/9/2018 11:30	22.01	79.6	5.31	7.3	SR13	12/9/2018 17:30	21.93	80.8	5.39	8.6	SR13	12/9/2018 23:30	22.30	92.2	6.86	2.2
SR13	12/9/2018 5:35	22.39	87.6	6.49	2.5	SR13	12/9/2018 11:35	22.01	80.0	5.34	7.4	SR13	12/9/2018 17:35	21.93	81.1	5.41	10.4	SR13	12/9/2018 23:35	22.29	92.4	6.88	1.9
SR13	12/9/2018 5:40	22.36	86.5	6.41	1.7	SR13	12/9/2018 11:40	22.02	80.6	5.37	8.1	SR13	12/9/2018 17:40	21.92	81.2	5.42	10.5	SR13	12/9/2018 23:40	22.28	93.0	6.92	1.2
SR13	12/9/2018 5:45	22.37	86.1	6.38	2.0	SR13	12/9/2018 11:45	22.00	79.4	5.30	4.8	SR13	12/9/2018 17:45	21.92	81.0	5.40	9.1	SR13	12/9/2018 23:45	22.33	92.7	6.90	2.3
SR13	12/9/2018 5:50	22.40	85.9	6.36	2.3	SR13	12/9/2018 11:50	22.00	79.4	5.30	5.6	SR13	12/9/2018 17:50	21.91	80.9	5.39	7.7	SR13	12/9/2018 23:50	22.32	92.7	6.90	1.8
SR13	12/9/2018 5:55	22.41	86.4	6.40	1.8	SR13	12/9/2018 11:55	22.00	79.7	5.31	4.7	SR13	12/9/2018 17:55	21.91	81.1	5.41	7.5	SR13	12/9/2018 23:55	22.33	92.2	6.87	1.1

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	12/9/2018 0:17	0.02				SR12	12/9/2018 0:17	0.06			
SR4	12/9/2018 0:37	0.04				SR12	12/9/2018 0:37	0.01			
SR4	12/9/2018 0:57	0.03				SR12	12/9/2018 0:57	0.04			
SR4	12/9/2018 1:17	0.02				SR12	12/9/2018 1:17	0.01			
SR4	12/9/2018 1:37	0.03				SR12	12/9/2018 1:37	0.01			
SR4	12/9/2018 1:57	0.02				SR12	12/9/2018 1:57	0.01			
SR4	12/9/2018 2:17	0.02				SR12	12/9/2018 2:17	0.02			
SR4	12/9/2018 2:37	0.03				SR12	12/9/2018 2:37	0.04			
SR4	12/9/2018 2:57	0.04				SR12	12/9/2018 2:57	0.03			
SR4	12/9/2018 3:17	0.04				SR12	12/9/2018 3:17	0.04			
SR4	12/9/2018 3:37	0.02				SR12	12/9/2018 3:37	0.03			
SR4	12/9/2018 3:57	0.02				SR12	12/9/2018 3:57	0.01			
SR4	12/9/2018 4:17	0.04				SR12	12/9/2018 4:17	0.05			
SR4	12/9/2018 4:37	0.02				SR12	12/9/2018 4:37	0.02			
SR4	12/9/2018 4:57	0.04				SR12	12/9/2018 4:57	0.01			
SR4	12/9/2018 5:17	0.02				SR12	12/9/2018 5:17	0.02			
SR4	12/9/2018 5:37	0.02				SR12	12/9/2018 5:37	0.04			
SR4	12/9/2018 5:57	0.02				SR12	12/9/2018 5:57	0.05			
SR4						SR12					
SR4	12/9/2018 6:37	0.04				SR12	12/9/2018 6:37	0.04			
SR4	12/9/2018 6:57	0.04				SR12	12/9/2018 6:57	0.03			
SR4	12/9/2018 7:17	0.04				SR12	12/9/2018 7:17	0.01			
SR4	12/9/2018 7:37	0.04				SR12	12/9/2018 7:37	0.02			
SR4	12/9/2018 7:57	0.03				SR12	12/9/2018 7:57	0.06			
SR4	12/9/2018 8:17	0.04				SR12	12/9/2018 8:17	0.03			
SR4	12/9/2018 8:37	0.02				SR12	12/9/2018 8:37	0.02			
SR4	12/9/2018 8:57	0.03				SR12	12/9/2018 8:57	0.01			
SR4	12/9/2018 9:17	0.02				SR12	12/9/2018 9:17	0.01			
SR4	12/9/2018 9:37	0.02				SR12	12/9/2018 9:37	0.03			
SR4	12/9/2018 9:57	0.04				SR12	12/9/2018 9:57	0.03			
SR4	12/9/2018 10:17	0.03				SR12	12/9/2018 10:17	0.01			
SR4	12/9/2018 10:37	0.03				SR12	12/9/2018 10:37	0.06			
SR4	12/9/2018 10:57	0.03				SR12	12/9/2018 10:57	0.02			
SR4	12/9/2018 11:17	0.02				SR12	12/9/2018 11:17	0.06			
SR4	12/9/2018 11:37	0.02				SR12	12/9/2018 11:37	0.02			
SR4	12/9/2018 11:57	0.04				SR12	12/9/2018 11:57	0.01			
SR4	12/9/2018 12:17	0.02				SR12	12/9/2018 12:17	0.04			
SR4	12/9/2018 12:37	0.04				SR12	12/9/2018 12:37	0.02			
SR4	12/9/2018 12:57	0.02				SR12	12/9/2018 12:57	0.04			
SR4	12/9/2018 13:17	0.03				SR12	12/9/2018 13:17	0.03			
SR4	12/9/2018 13:37	0.02				SR12	12/9/2018 13:37	0.01			
SR4	12/9/2018 13:57	0.04				SR12	12/9/2018 13:57	0.05			
SR4	12/9/2018 14:17	0.02				SR12	12/9/2018 14:17	0.02			
SR4	12/9/2018 14:37	0.04				SR12	12/9/2018 14:37	0.05			
SR4	12/9/2018 14:57	0.03				SR12	12/9/2018 14:57	0.06			
SR4	12/9/2018 15:17	0.04				SR12	12/9/2018 15:17	0.02			
SR4	12/9/2018 15:37	0.04				SR12	12/9/2018 15:37	0.03			
SR4	12/9/2018 15:57	0.02				SR12	12/9/2018 15:57	0.05			
SR4	12/9/2018 16:17	0.02				SR12	12/9/2018 16:17	0.04			
SR4	12/9/2018 16:37	0.04				SR12	12/9/2018 16:37	0.04			
SR4	12/9/2018 16:57	0.04				SR12	12/9/2018 16:57	0.07			
SR4	12/9/2018 17:17	0.02				SR12	12/9/2018 17:17	0.02			
SR4	12/9/2018 17:37	0.02				SR12	12/9/2018 17:37	0.03			
SR4	12/9/2018 17:57	0.04				SR12	12/9/2018 17:57	0.03			
SR4	12/9/2018 18:17	0.03				SR12	12/9/2018 18:17	0.04			
SR4	12/9/2018 18:37	0.04				SR12	12/9/2018 18:37	0.05			
SR4	12/9/2018 18:57	0.05				SR12	12/9/2018 18:57	0.04			
SR4	12/9/2018 19:17	0.03				SR12	12/9/2018 19:17	0.04			
SR4	12/9/2018 19:37	0.05				SR12	12/9/2018 19:37	0.01			
SR4	12/9/2018 19:57	0.04				SR12	12/9/2018 19:57	0.03			
SR4	12/9/2018 20:17	0.05				SR12	12/9/2018 20:17	0.01			
SR4	12/9/2018 20:37	0.03				SR12	12/9/2018 20:37	0.04			
SR4	12/9/2018 20:57	0.06				SR12	12/9/2018 20:57	0.06			
SR4	12/9/2018 21:17	0.04				SR12	12/9/2018 21:17	0.04			
SR4	12/9/2018 21:37	0.05				SR12	12/9/2018 21:37	0.06			
SR4	12/9/2018 21:57	0.04				SR12	12/9/2018 21:57	0.05			
SR4	12/9/2018 22:17	0.06				SR12	12/9/2018 22:17	0.03			
SR4	12/9/2018 22:37	0.04				SR12	12/9/2018 22:37	0.02			
SR4	12/9/2018 22:57	0.03				SR12	12/9/2018 22:57	0.01			
SR4	12/9/2018 23:17	0.03				SR12	12/9/2018 23:17	0.05			
SR4	12/9/2018 23:37	0.03				SR12	12/9/2018 23:37	0.02			
SR4	12/9/2018 23:57	0.05				SR12	12/9/2018 23:57	0.06			

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

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/10/2018 0:01	22.17	74.5	5.39	2.5	SR4	12/10/2018 6:01	21.97	84.6	6.13	4.8	SR4	12/10/2018 12:01	22.00	80.6	5.84	1.0	SR4	12/10/2018 18:01	21.97	82.8	6.00	1.4
SR4	12/10/2018 0:06	22.16	75.3	5.45	2.7	SR4	12/10/2018 6:06	21.97	84.7	6.14	2.3	SR4	12/10/2018 12:06	21.99	82.8	6.00	2.2	SR4	12/10/2018 18:06	21.97	82.5	5.98	2.1
SR4	12/10/2018 0:11	22.15	74.6	5.39	1.2	SR4	12/10/2018 6:11	21.95	84.8	6.15	2.4	SR4	12/10/2018 12:11	22.00	82.4	5.97	2.5	SR4	12/10/2018 18:11	21.94	81.9	5.94	1.6
SR4	12/10/2018 0:16	22.14	74.7	5.40	1.6	SR4	12/10/2018 6:16	21.94	84.8	6.15	5.2	SR4	12/10/2018 12:16	22.01	81.7	5.92	1.3	SR4	12/10/2018 18:16	21.95	82.1	5.95	3.5
SR4	12/10/2018 0:21	22.14	77.1	5.58	1.4	SR4	12/10/2018 6:21	21.94	81.6	5.92	4.2	SR4	12/10/2018 12:21	22.01	81.6	5.91	1.4	SR4	12/10/2018 18:21	21.94	82.0	5.95	1.7
SR4	12/10/2018 0:26	22.11	78.2	5.66	4.9	SR4	12/10/2018 6:26	21.98	80.0	5.80	5.1	SR4	12/10/2018 12:26	22.01	81.6	5.91	1.9	SR4	12/10/2018 18:26	21.96	81.7	5.93	3.9
SR4	12/10/2018 0:31	22.12	77.2	5.59	3.0	SR4	12/10/2018 6:31	21.99	83.1	6.02	1.4	SR4	12/10/2018 12:31	22.01	82.2	5.96	2.1	SR4	12/10/2018 18:31	21.98	81.1	5.88	3.2
SR4	12/10/2018 0:36	22.11	78.3	5.67	3.0	SR4	12/10/2018 6:36	21.98	83.4	6.04	5.1	SR4	12/10/2018 12:36	22.02	82.0	5.94	1.4	SR4	12/10/2018 18:36	21.97	80.7	5.85	4.4
SR4	12/10/2018 0:41	22.11	76.9	5.56	5.4	SR4	12/10/2018 6:41	21.97	80.1	5.81	3.8	SR4	12/10/2018 12:41	22.02	81.2	5.88	1.9	SR4	12/10/2018 18:41	21.97	77.0	5.59	2.7
SR4	12/10/2018 0:46	22.12	75.5	5.46	1.5	SR4	12/10/2018 6:46	22.10	67.5	4.88	5.0	SR4	12/10/2018 12:46	22.01	82.2	5.96	2.4	SR4	12/10/2018 18:46	21.97	78.1	5.67	4.8
SR4	12/10/2018 0:51	22.12	75.0	5.43	4.9	SR4	12/10/2018 6:51	22.19	65.6	4.74	1.3	SR4	12/10/2018 12:51	22.01	82.1	5.95	5.4	SR4	12/10/2018 18:51	21.97	78.2	5.67	5.0
SR4	12/10/2018 0:56	22.11	73.6	5.33	3.8	SR4	12/10/2018 6:56	22.10	71.6	5.18	4.8	SR4	12/10/2018 12:56	22.02	81.2	5.88	4.9	SR4	12/10/2018 18:56	21.97	77.9	5.65	4.4
SR4	12/10/2018 1:01	22.11	76.2	5.52	1.6	SR4	12/10/2018 7:01	22.02	80.9	5.86	3.3	SR4	12/10/2018 13:01	22.01	79.9	5.79	4.1	SR4	12/10/2018 19:01	21.96	78.3	5.68	3.7
SR4	12/10/2018 1:06	22.11	77.7	5.63	3.6	SR4	12/10/2018 7:06	21.99	84.0	6.09	4.9	SR4	12/10/2018 13:06	22.02	81.7	5.92	1.2	SR4	12/10/2018 19:06	21.95	82.0	5.94	1.8
SR4	12/10/2018 1:11	22.12	74.2	5.37	1.4	SR4	12/10/2018 7:11	21.99	83.8	6.07	2.1	SR4	12/10/2018 13:11	22.01	80.5	5.83	3.3	SR4	12/10/2018 19:11	21.94	82.8	6.00	2.4
SR4	12/10/2018 1:16	22.11	77.8	5.63	3.7	SR4	12/10/2018 7:16	21.93	83.7	6.07	1.6	SR4	12/10/2018 13:16	22.02	80.6	5.84	4.5	SR4	12/10/2018 19:16	21.94	81.6	5.92	1.7
SR4	12/10/2018 1:21	22.11	76.6	5.55	3.2	SR4	12/10/2018 7:21	21.93	83.6	6.06	2.6	SR4	12/10/2018 13:21	22.02	79.6	5.77	3.5	SR4	12/10/2018 19:21	21.94	79.5	5.77	5.0
SR4	12/10/2018 1:26	22.09	77.0	5.58	2.4	SR4	12/10/2018 7:26	21.96	82.6	5.99	3.0	SR4	12/10/2018 13:26	22.01	80.8	5.85	1.6	SR4	12/10/2018 19:26	21.93	81.2	5.89	1.5
SR4	12/10/2018 1:31	22.11	75.6	5.47	4.9	SR4	12/10/2018 7:31	21.98	84.8	6.14	5.3	SR4	12/10/2018 13:31	22.02	81.0	5.87	1.2	SR4	12/10/2018 19:31	21.93	80.9	5.87	1.3
SR4	12/10/2018 1:36	22.11	77.0	5.57	4.8	SR4	12/10/2018 7:36	21.98	83.9	6.08	4.5	SR4	12/10/2018 13:36	22.02	80.9	5.86	1.2	SR4	12/10/2018 19:36	21.92	80.9	5.87	1.5
SR4	12/10/2018 1:41	22.10	77.6	5.62	1.7	SR4	12/10/2018 7:41	21.98	84.2	6.10	2.6	SR4	12/10/2018 13:41	22.09	75.1	5.43	3.9	SR4	12/10/2018 19:41	21.94	80.7	5.85	2.5
SR4	12/10/2018 1:46	22.08	77.1	5.59	4.2	SR4	12/10/2018 7:46	21.94	84.5	6.13	4.6	SR4	12/10/2018 13:46	22.02	79.9	5.79	1.4	SR4	12/10/2018 19:46	21.93	79.9	5.80	1.4
SR4	12/10/2018 1:51	22.03	75.0	5.44	2.5	SR4	12/10/2018 7:51	21.96	83.9	6.08	1.3	SR4	12/10/2018 13:51	22.05	77.6	5.62	2.2	SR4	12/10/2018 19:51	21.94	80.3	5.82	1.5
SR4	12/10/2018 1:56	22.08	78.6	5.69	4.5	SR4	12/10/2018 7:56	21.97	83.4	6.04	1.4	SR4	12/10/2018 13:56	22.02	80.4	5.83	2.0	SR4	12/10/2018 19:56	21.93	79.6	5.78	3.4
SR4	12/10/2018 2:01	22.09	78.4	5.68	3.8	SR4	12/10/2018 8:01	21.95	83.1	6.03	1.8	SR4	12/10/2018 14:01	22.01	81.0	5.87	2.2	SR4	12/10/2018 20:01	21.94	80.0	5.81	1.0
SR4	12/10/2018 2:06	22.07	78.0	5.66	2.6	SR4	12/10/2018 8:06	21.97	82.5	5.98	2.3	SR4	12/10/2018 14:06	22.02	79.7	5.77	1.1	SR4	12/10/2018 20:06	21.93	79.7	5.78	1.2
SR4	12/10/2018 2:11	22.08	77.3	5.60	5.3	SR4	12/10/2018 8:11	21.96	83.7	6.07	1.9	SR4	12/10/2018 14:11	22.05	79.3	5.74	4.0	SR4	12/10/2018 20:11	21.94	78.9	5.72	3.8
SR4	12/10/2018 2:16	22.10	77.7	5.62	4.5	SR4	12/10/2018 8:16	21.95	83.3	6.04	4.0	SR4	12/10/2018 14:16	22.03	80.2	5.81	1.7	SR4	12/10/2018 20:16	21.94	79.3	5.75	1.9
SR4	12/10/2018 2:21	22.11	77.4	5.61	1.3	SR4	12/10/2018 8:21	21.95	82.5	5.98	3.9	SR4	12/10/2018 14:21	22.01	80.9	5.86	2.6	SR4	12/10/2018 20:21	21.94	77.6	5.63	1.3
SR4	12/10/2018 2:26	22.11	77.0	5.58	4.4	SR4	12/10/2018 8:26	21.94	82.4	5.97	2.1	SR4	12/10/2018 14:26	22.01	81.8	5.93	3.4	SR4	12/10/2018 20:26	21.95	78.9	5.72	1.9
SR4	12/10/2018 2:31	22.11	77.2	5.59	3.8	SR4	12/10/2018 8:31	21.96	83.0	6.02	3.0	SR4	12/10/2018 14:31	22.01	80.9	5.86	2.1	SR4	12/10/2018 20:31	21.94	80.0	5.80	2.0
SR4	12/10/2018 2:36	22.10	77.0	5.58	3.3	SR4	12/10/2018 8:36	21.96	82.8	6.00	2.4	SR4	12/10/2018 14:36	22.01	82.5	5.98	2.0	SR4	12/10/2018 20:36	21.94	79.4	5.76	2.2
SR4	12/10/2018 2:41	22.09	77.2	5.59	1.8	SR4	12/10/2018 8:41	21.95	84.3	6.11	1.5	SR4	12/10/2018 14:41	22.04	78.5	5.68	1.9	SR4	12/10/2018 20:41	21.95	79.6	5.78	1.4
SR4	12/10/2018 2:46	22.11	77.7	5.63	4.9	SR4	12/10/2018 8:46	21.94	85.6	6.21	2.4	SR4	12/10/2018 14:46	22.02	80.5	5.83	1.9	SR4	12/10/2018 20:46	21.95	76.1	5.52	1.5
SR4	12/10/2018 2:51	22.15	74.8	5.41	4.7	SR4	12/10/2018 8:51	21.93	86.6	6.29	2.1	SR4	12/10/2018 14:51	22.05	78.3	5.67	5.0	SR4	12/10/2018 20:51	21.95	79.1	5.73	1.1
SR4	12/10/2018 2:56	22.11	76.5	5.54	2.4	SR4	12/10/2018 8:56	21.94	86.3	6.26	2.5	SR4	12/10/2018 14:56	22.02	80.5	5.83	4.7	SR4	12/10/2018 20:56	21.95	78.0	5.66	1.5
SR4	12/10/2018 3:01	22.13	76.4	5.53	5.0	SR4	12/10/2018 9:01	21.92	85.3	6.19	1.4	SR4	12/10/2018 15:01	22.06	78.2	5.66	1.7	SR4	12/10/2018 21:01	21.93	77.6	5.63	1.5
SR4	12/10/2018 3:06	22.12	75.9	5.50	4.8	SR4	12/10/2018 9:06	21.92	85.9	6.23	2.0	SR4	12/10/2018 15:06	22.05	79.6	5.77	1.1	SR4	12/10/2018 21:06	21.95	76.8	5.57	1.4
SR4	12/10/2018 3:11	22.19	73.8	5.34	3.0	SR4	12/10/2018 9:11	21.91	85.4	6.20	1.0	SR4	12/10/2018 15:11	22.02	81.3	5.89	1.3	SR4	12/10/2018 21:11	21.95	77.5	5.62	3.8
SR4	12/10/2018 3:16	22.12	76.6	5.55	4.2	SR4	12/10/2018 9:16	21.91	85.0	6.16	2.0	SR4	12/10/2018 15:16	22.02	81.1	5.88	3.7	SR4	12/10/2018 21:16	21.95	78.7	5.71	1.9
SR4	12/10/2018 3:21	22.13	75.8	5.49	5.2	SR4	12/10/2018 9:21	21.92	84.8	6.15	1.2	SR4	12/10/2018 15:21	22.01	80.2	5.81	4.6	SR4	12/10/2018 21:21	21.95	77.3	5.61	1.4
SR4	12/10/2018 3:26	22.13	75.5	5.46	4.6	SR4	12/10/2018 9:26	21.92	85.1	6.18	2.8	SR4	12/10/2018 15:26	22.02	80.8	5.85	4.9	SR4	12/10/2018 21:26	21.96	76.1	5.52	1.9
SR4	12/10/2018 3:31	22.13	75.6	5.47	4.1	SR4	12/10/2018 9:31	21.91	85.1	6.18	2.0	SR4	12/10/2018 15:31	22.01	80.6	5.84	2.7	SR4	12/10/2018 21:31	21.95	80.3	5.82	1.7
SR4	12/10/2018 3:36	22.29	64.5	4.66	5.0	SR4	12/10/2018 9:36	21.91	85.6	6.21	1.4	SR4	12/10/2018 15:36	22.01	79.9	5.79	4.4	SR4	12/10/2018 21:36	21.95	78.3	5.68	3.6
SR4	12/10/2018 3:41	22.35	56.8	4.10	4.0	SR4	12/10/2018 9:41	21.92	82.1	5.96	4.3	SR4	12/10/2018 15:41	22.00	79.7	5.77	4.9	SR4	12/10/2018 21:41	21.95	78.2	5.67	1.9
SR4	12/10/2018 3:46	22.15	72.5	5.25	1.7	SR4	12/10/2018 9:46	21.90	84.2	6.11	1.6	SR4	12/10/2018 15:46	22.02	78.8	5.71	3.4	SR4	12/10/2018 21:46	21.95	78.6	5.70	3.2
SR4	12/10/2018 3:51	22.13	73.1	5.29	5.1	SR4	12/10/2018 9:51	21.92	82.6	5.99	4.8	SR4	12/10/2018 15:51	22.02	79.5	5.76	3.9	SR4	12/10/2018 21:51	21.95	77.4	5.61	1.4
SR4	12/10/2018 3:56	22.12	75.2	5.44	1.5	SR4	12/10/2018 9:56	21.93	83.1	6.03	4.2	SR4	12/10/2018 15:56	22.01	79.4	5.75	4.6	SR4	12/10/2018 21:56	21.96	77.0	5.58	2.1
SR4	12/10/2018 4:01	22.11	78.1	5.66	1.9	SR4	12/10/2018 10:01	21.91	83.0	6.02	4.5	SR4	12/10/2018 16:01	22.01	79.4	5.75	2.1	SR4	12/10/2018 22:01	21.96	79.8	5.79	1.3
SR4	12/10/2018 4:06	22.11	78.0	5.65	1.4	SR4	12/10/2018 10:06	21.92	82.7	6.00	3.7	SR4	12/10/2018 16:06	22.00	78.1	5.66	2.8	SR4	12/10/2018 22:06	21.95	79.9	5.79	2.0
SR4	12/10/2018 4:11	22.09	80.4	5.82	1.2	SR4	12/10/2018 10:11	21.92	83.0	6.02	2.0	SR4	12/10/2018 16:11	22.00	81.1	5.88	1.1	SR4	12/10/2018 22:11	21.95	79.6	5.77	1.3
SR4	12/10/2018 4:16	22.09	80.4	5.82	1.2	SR4	12/10/2018 10:16	22.02	77.6	5.62	2.8	SR4	12/10/2018 16:16	22.00	81.8	5.93	2.1	SR4	12/10/2018 22:16	21.95	78.9	5.72	1.7
SR4	12/10/2018 4:21	22.09	81.4	5.89	1.0	SR4	12/10/2018 10:21	21.91	84.1	6.11	1.0	SR4	12/10/2018 16:21	21.99	81.1	5.88	1.0	SR4	12/10/2018 22:21	21.94	78.5	5.69	3.6
SR4	12/10/2018 4:26	22.11	81.2	5.87	2.4	SR4	12/10/2018 10:26	21.94	83.1	6.03	1.3	SR4	12/10/2018 16:26	21.99	81.3	5.89	3.4	SR4	12/10/2018 22:26	21.95	78.9	5.72	1.2
SR4	12/10/2018 4:31	22.08	81.3	5.88	3.5	SR4	12/10/2018 10:31	21.96	83.3	6.04	4.3	SR4	12/10/2018 16:31	22.00	76.5	5.54	4.8	SR4	12/10/2018 22:31	21.95	77.9	5.65	2.8
SR4	12/10/2018 4:36	22.09	80.5	5.82	4.5	SR4	12/10/2018 10:36	21.95	82.9	6.01	3.6	SR4	12/10/2018 16:36	22.02	80.7	5.84	4.6	SR4	12/10/2018 22:36	21.95	78.9	5.72	1.3
SR4	12/10/2018 4:41	22.09	82.3	5.95	3.4	SR4	12/10/2018 10:41	21.95	82.4	5.98	6.8	SR4	12/10/2018 16:41	22.01	80.0	5.79	1.2	SR4	12/10/2018 22:41	21.94	78.1	5.66	4.6
SR4	12/10/2018 4:46	22.10	81.1	5.87	5.2	SR4	12/10/2018 10:46	21.95	81.9	5.94	6.9	SR4	12/10/2018 16:46	22.03	78.1	5.66	3.6	SR4	12/10/2018 22:46	21.95	78.5	5.69	2.8
SR4	12/10/2018 4:51	22.05	82.3	5.96	1.8	SR4	12/10/2018 10:51	21.96	82.8	6.00	5.1	SR4	12/10/2018 16:51	22.02	78.4	5.68	3.9	SR4	12/10/2018 22:51	21.95	78.0	5.66	4.4
SR4	12/10/2018 4:56	22.06	82.6	5.98	3.8	SR4	12/10/2018 10:56	21.97	80.8	5.86	4.1	SR4	12/10/2018 16:56	22.00	81.1	5.88	1.0	SR4	12/10/2018 22:56	21.95	77.6	5.62	3.5
SR4	12/10/2018 5:01	22.07	84.4	6.10	9.3	SR4	12/10/2018 11:01	21.96	81.1	5.88	5.1	SR4	12/10/2018 17:01	21.99	81.6	5.92	1.1	SR4	12/10/2018 23:01	21.95	78.1	5.66	2.7
SR4	12/10/2018 5:06	22.08	82.3	5.95	1.3	SR4	12/10/2018 11:06	21.98	81.7	5.93	3.7	SR4	12/10/2018 17:06	21.98	82.6	5.98	2.9	SR4	12/10/2018 23:06	21.95	78.6	5.70	1.1
SR4	12/10/2018 5:11	22.09	80.1	5.80	5.2	SR4	12/10/2018 11:11	21.97	81.6	5.92	2.7	SR4	12/10/2018 17:11	21.98	83.1	6.02	1.2	SR4	12/10/2018 23:11	21.95	79.0	5.72	1.6
SR4	12/10/2018 5:16	22.23	65.7	4.75	4.0	SR4	12/10/2018 11:16	21.97	82.1	5.95	4.2	SR4	12/10/2018 17:16	21.98	82.4	5.97	1.5	SR4	12/10/2018 23:16	21.94	80.1	5.81	3.1
SR4	12/10/2018 5:21	22.09	69.7	5.05	3.3	SR4	12/10/2018 11:21	21.97	81.7	5.92	3.1	SR4	12/10/2018 17:21	21.98	81.5	5.91	1.1	SR4	12/10/2018 23:21	21.94	79.9	5.80	5.0
SR4	12/10/2018 5:26	22.04	71.4	5.35	3.0	SR4	12/10/2018 11:26	21.96	82.7	6.00	3.1	SR4	12/10/2018 17:26	21.98	81.4	5.90	1.6	SR4	12/10/2018 23:26	21.94	78.2	5.67	2.0
SR4	12/10/2018 5:31	22.11	79.1	5.72	1.7	SR4	12/10/2018 11:31	21.96	82.2	5.96	2.3	SR4	12/10/2018 17:31	21.98	81.5	5.91	4.9	SR4	12/10/2018 23:31	21.94	78.6	5.70	1.3
SR4	12/10/2018 5:36	22.12	76.8	5.55	1.1	SR4	12/10/2018 11:36	21.97	81.9	5.94	1.4	SR4	12/10/2018 17:36	21.98	81.0	5.87	3.4	SR4	12/10/2018 23:36	21.95	76.6	5.55	3.9
SR4	12/10/2018 5:41	22.06	82.5	5.97	2.2	SR4	12/10/2018 11:41	21.96	82.0	5.95	2.0	SR4	12/10/2018 17:41	21.96	82.6	5.99	2.2	SR4	12/10/2018 23:41	21.95	78.2	5.67	5.4
SR4	12/10/2018 5:46	22.09	83.0	6.01	1.3	SR4	12/10/2018 11:46	21.96	82.6	5.99	1.7	SR4	12/10/2018 17:46	21.98	82.1	5.95	4.4	SR4	12/10/2018 23:46	21.95	77.6	5.63	2.9
SR4	12/10/2018 5:51	22.01	84.9	6.15	3.0	SR4	12/10/2018 11:51	21.96	83.2	6.03	2.2	SR4	12/10/2018 17:51	21.98	82.3	5.97	1.8	SR4	12/10/2018 23:51	21.93	78.2	5.67	1.3
SR4	12/10/2018 5:56	22.02	84.4	6.11	4.4	SR4	12/10/2018 11:56	21.97	82.0	5.95	1.7	SR4	12/10/2018 17:56	21.97	82.6	5.99	5.4	SR4	12/10/2018 23:56	21.92	76.9	5.58	4.3

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/11/2018 0:01	21.89	80.4	5.84	3.9	SR4	12/11/2018 6:01	21.86	84.7	6.14	3.0	SR4	12/11/2018 12:01	21.83	84.4	6.13	1.4	SR4	12/11/2018 18:01	21.76	83.5	6.07	1.1
SR4	12/11/2018 0:06	21.89	80.4	5.84	4.3	SR4	12/11/2018 6:06	21.82	83.8	6.08	1.4	SR4	12/11/2018 12:06	21.84	83.5	6.06	1.6	SR4	12/11/2018 18:06	21.75	83.6	6.08	1.6
SR4	12/11/2018 0:11	21.90	79.4	5.76	1.6	SR4	12/11/2018 6:11	21.82	84.7	6.15	1.1	SR4	12/11/2018 12:11	21.86	85.5	6.21	2.1	SR4	12/11/2018 18:11	21.72	82.9	6.03	1.5
SR4	12/11/2018 0:16	21.90	80.3	5.82	3.8	SR4	12/11/2018 6:16	21.86	80.9	6.92	1.6	SR4	12/11/2018 12:16	21.89	84.5	6.13	2.9	SR4	12/11/2018 18:16	21.80	82.4	5.99	1.1
SR4	12/11/2018 0:21	21.89	81.3	5.90	1.4	SR4	12/11/2018 6:21	21.73	77.5	5.64	2.9	SR4	12/11/2018 12:21	21.88	84.3	6.11	4.2	SR4	12/11/2018 18:21	21.75	83.1	6.04	4.1
SR4	12/11/2018 0:26	21.89	78.2	5.68	4.1	SR4	12/11/2018 6:26	21.82	73.1	5.30	1.2	SR4	12/11/2018 12:26	21.93	85.1	6.17	5.3	SR4	12/11/2018 18:26	21.80	82.1	5.96	3.8
SR4	12/11/2018 0:31	21.89	80.9	5.87	3.4	SR4	12/11/2018 6:31	21.88	82.9	6.01	1.2	SR4	12/11/2018 12:31	21.92	84.3	6.11	5.1	SR4	12/11/2018 18:31	21.78	82.3	5.98	1.5
SR4	12/11/2018 0:36	21.89	80.6	5.85	2.3	SR4	12/11/2018 6:36	21.81	86.3	6.73	7.0	SR4	12/11/2018 12:36	21.91	85.1	6.17	5.1	SR4	12/11/2018 18:36	21.79	82.2	5.97	2.6
SR4	12/11/2018 0:41	21.88	81.2	5.89	3.5	SR4	12/11/2018 6:41	21.82	85.5	6.21	3.5	SR4	12/11/2018 12:41	21.90	85.2	6.18	5.2	SR4	12/11/2018 18:41	21.74	82.6	6.01	1.3
SR4	12/11/2018 0:46	21.91	78.0	5.66	3.6	SR4	12/11/2018 6:46	21.80	85.6	6.21	2.3	SR4	12/11/2018 12:46	21.90	84.5	6.13	1.5	SR4	12/11/2018 18:46	21.75	82.7	6.01	1.4
SR4	12/11/2018 0:51	21.90	79.3	5.76	2.3	SR4	12/11/2018 6:51	21.79	86.1	6.25	3.8	SR4	12/11/2018 12:51	21.91	85.7	6.22	4.3	SR4	12/11/2018 18:51	21.75	82.2	5.98	1.3
SR4	12/11/2018 0:56	21.90	78.9	5.72	1.2	SR4	12/11/2018 6:56	21.79	86.3	6.27	4.2	SR4	12/11/2018 12:56	21.90	84.4	6.12	5.3	SR4	12/11/2018 18:56	21.73	82.9	6.03	2.2
SR4	12/11/2018 1:01	21.89	79.8	5.79	3.1	SR4	12/11/2018 7:01	21.76	86.7	6.30	2.8	SR4	12/11/2018 13:01	21.88	83.1	6.03	3.1	SR4	12/11/2018 19:01	21.79	82.6	6.00	1.2
SR4	12/11/2018 1:06	21.89	80.5	5.84	1.1	SR4	12/11/2018 7:06	21.74	86.5	6.28	2.9	SR4	12/11/2018 13:06	21.89	84.5	6.13	1.4	SR4	12/11/2018 19:06	21.79	82.0	5.96	3.1
SR4	12/11/2018 1:11	21.89	80.5	5.85	3.7	SR4	12/11/2018 7:11	21.75	85.2	6.21	3.8	SR4	12/11/2018 13:11	21.90	84.8	6.15	1.8	SR4	12/11/2018 19:11	21.78	81.3	5.91	4.8
SR4	12/11/2018 1:16	21.89	79.9	5.80	1.5	SR4	12/11/2018 7:16	21.77	85.1	6.18	3.2	SR4	12/11/2018 13:16	21.92	84.6	6.13	5.3	SR4	12/11/2018 19:16	21.75	81.9	5.95	1.8
SR4	12/11/2018 1:21	21.89	79.6	5.78	3.4	SR4	12/11/2018 7:21	21.79	83.9	6.09	2.8	SR4	12/11/2018 13:21	21.90	84.6	6.13	1.0	SR4	12/11/2018 19:21	21.77	81.6	5.93	3.3
SR4	12/11/2018 1:26	21.89	80.3	5.83	2.9	SR4	12/11/2018 7:26	21.76	86.1	6.25	3.1	SR4	12/11/2018 13:26	21.89	84.3	6.11	2.2	SR4	12/11/2018 19:26	21.76	80.9	5.88	3.9
SR4	12/11/2018 1:31	21.89	80.0	5.81	4.6	SR4	12/11/2018 7:31	21.76	86.2	6.26	1.0	SR4	12/11/2018 13:31	21.90	85.1	6.17	1.7	SR4	12/11/2018 19:31	21.76	81.0	5.89	1.3
SR4	12/11/2018 1:36	21.89	78.5	5.70	2.0	SR4	12/11/2018 7:36	21.73	87.2	6.34	2.3	SR4	12/11/2018 13:36	21.86	84.6	6.14	3.3	SR4	12/11/2018 19:36	21.74	81.8	5.95	2.1
SR4	12/11/2018 1:41	21.89	78.5	5.70	1.7	SR4	12/11/2018 7:41	21.74	87.0	6.32	1.6	SR4	12/11/2018 13:41	21.87	83.8	6.08	2.9	SR4	12/11/2018 19:41	21.72	81.6	5.94	3.7
SR4	12/11/2018 1:46	21.89	79.6	5.78	1.7	SR4	12/11/2018 7:46	21.73	86.7	6.30	1.9	SR4	12/11/2018 13:46	21.88	83.6	6.07	1.0	SR4	12/11/2018 19:46	21.71	81.8	5.95	1.2
SR4	12/11/2018 1:51	21.89	79.7	5.78	3.9	SR4	12/11/2018 7:51	21.70	87.6	6.37	4.6	SR4	12/11/2018 13:51	21.89	83.1	6.03	4.9	SR4	12/11/2018 19:51	21.72	81.4	5.92	1.3
SR4	12/11/2018 1:56	21.89	79.6	5.78	4.4	SR4	12/11/2018 7:56	21.69	88.1	6.41	4.8	SR4	12/11/2018 13:56	21.89	83.7	6.07	4.3	SR4	12/11/2018 19:56	21.70	81.2	5.91	1.4
SR4	12/11/2018 2:01	21.89	79.7	5.79	3.8	SR4	12/11/2018 8:01	21.72	84.8	6.16	1.2	SR4	12/11/2018 14:01	21.88	84.4	6.12	1.4	SR4	12/11/2018 20:01	21.67	80.9	5.89	2.1
SR4	12/11/2018 2:06	21.90	79.1	5.74	1.9	SR4	12/11/2018 8:06	21.74	84.7	6.16	1.8	SR4	12/11/2018 14:06	21.87	83.9	6.09	1.1	SR4	12/11/2018 20:06	21.69	82.1	5.97	2.2
SR4	12/11/2018 2:11	21.89	78.3	5.68	4.0	SR4	12/11/2018 8:11	21.75	85.8	6.24	1.7	SR4	12/11/2018 14:11	21.87	82.6	6.00	3.2	SR4	12/11/2018 20:11	21.70	81.5	5.93	2.1
SR4	12/11/2018 2:16	21.90	75.6	5.49	2.4	SR4	12/11/2018 8:16	21.74	86.0	6.25	1.7	SR4	12/11/2018 14:16	21.89	83.6	6.07	2.8	SR4	12/11/2018 20:16	21.68	81.5	5.94	3.5
SR4	12/11/2018 2:21	21.89	78.3	5.68	5.3	SR4	12/11/2018 8:21	21.75	86.3	6.27	4.8	SR4	12/11/2018 14:21	21.88	83.9	6.09	3.4	SR4	12/11/2018 20:21	21.70	79.6	5.79	2.1
SR4	12/11/2018 2:26	21.89	77.9	5.65	3.7	SR4	12/11/2018 8:26	21.73	86.0	6.25	2.9	SR4	12/11/2018 14:26	21.91	83.3	6.04	4.1	SR4	12/11/2018 20:26	21.69	80.2	5.84	4.4
SR4	12/11/2018 2:31	21.89	77.8	5.65	2.7	SR4	12/11/2018 8:31	21.72	85.4	6.21	2.5	SR4	12/11/2018 14:31	21.90	82.8	6.01	1.3	SR4	12/11/2018 20:31	21.70	80.1	5.83	4.1
SR4	12/11/2018 2:36	21.89	78.1	5.67	2.6	SR4	12/11/2018 8:36	21.73	85.2	6.19	3.3	SR4	12/11/2018 14:36	21.88	83.7	6.08	1.1	SR4	12/11/2018 20:36	21.71	80.3	5.85	2.0
SR4	12/11/2018 2:41	21.89	77.6	5.64	1.8	SR4	12/11/2018 8:41	21.77	84.9	6.17	4.3	SR4	12/11/2018 14:41	21.89	84.0	6.09	4.2	SR4	12/11/2018 20:41	21.71	78.4	5.70	2.3
SR4	12/11/2018 2:46	21.90	76.6	5.56	2.0	SR4	12/11/2018 8:46	21.75	84.5	6.14	2.5	SR4	12/11/2018 14:46	21.89	83.8	6.08	3.1	SR4	12/11/2018 20:46	21.68	77.7	5.66	4.1
SR4	12/11/2018 2:51	21.90	77.4	5.61	2.4	SR4	12/11/2018 8:51	21.78	84.6	6.14	3.5	SR4	12/11/2018 14:51	21.89	82.9	6.01	5.4	SR4	12/11/2018 20:51	21.70	79.1	5.76	5.4
SR4	12/11/2018 2:56	21.89	77.7	5.64	2.5	SR4	12/11/2018 8:56	21.74	86.2	6.27	1.9	SR4	12/11/2018 14:56	21.88	82.6	5.99	2.1	SR4	12/11/2018 20:56	21.67	78.5	5.72	2.8
SR4	12/11/2018 3:01	21.89	77.4	5.62	1.4	SR4	12/11/2018 9:01	21.71	86.8	6.31	4.6	SR4	12/11/2018 15:01	21.89	83.5	6.05	1.0	SR4	12/11/2018 21:01	21.70	78.2	5.69	2.2
SR4	12/11/2018 3:06	21.90	76.1	5.52	2.9	SR4	12/11/2018 9:06	21.71	86.7	6.31	2.3	SR4	12/11/2018 15:06	21.89	82.0	5.95	3.4	SR4	12/11/2018 21:06	21.71	77.6	5.65	2.7
SR4	12/11/2018 3:11	21.92	74.0	5.37	2.5	SR4	12/11/2018 9:11	21.69	87.3	6.35	4.1	SR4	12/11/2018 15:11	21.88	82.9	6.02	3.5	SR4	12/11/2018 21:11	21.72	79.7	5.80	3.1
SR4	12/11/2018 3:16	21.93	76.8	5.57	1.9	SR4	12/11/2018 9:16	21.74	85.6	6.22	2.9	SR4	12/11/2018 15:16	21.86	82.3	5.97	2.1	SR4	12/11/2018 21:16	21.69	77.0	5.61	4.7
SR4	12/11/2018 3:21	21.90	76.1	5.53	5.0	SR4	12/11/2018 9:21	21.72	87.4	6.35	2.2	SR4	12/11/2018 15:21	21.86	81.8	5.94	1.9	SR4	12/11/2018 21:21	21.73	79.8	5.81	2.1
SR4	12/11/2018 3:26	21.90	76.0	5.51	2.6	SR4	12/11/2018 9:26	21.72	87.6	6.37	2.4	SR4	12/11/2018 15:26	21.87	82.5	5.99	2.3	SR4	12/11/2018 21:26	21.72	78.8	5.73	2.3
SR4	12/11/2018 3:31	21.97	69.0	5.00	1.8	SR4	12/11/2018 9:31	21.73	87.4	6.35	3.0	SR4	12/11/2018 15:31	21.87	83.2	6.04	2.6	SR4	12/11/2018 21:31	21.73	78.0	5.67	3.1
SR4	12/11/2018 3:36	21.97	69.8	5.06	4.7	SR4	12/11/2018 9:36	21.70	87.0	6.33	2.9	SR4	12/11/2018 15:36	21.89	81.6	5.92	4.8	SR4	12/11/2018 21:36	21.71	79.6	5.79	5.3
SR4	12/11/2018 3:41	21.91	75.2	5.46	5.0	SR4	12/11/2018 9:41	21.75	87.4	6.35	1.8	SR4	12/11/2018 15:41	21.88	81.3	5.90	5.2	SR4	12/11/2018 21:41	21.67	79.3	5.77	4.8
SR4	12/11/2018 3:46	21.91	74.0	5.37	4.1	SR4	12/11/2018 9:46	21.78	84.4	6.14	3.5	SR4	12/11/2018 15:46	21.87	81.0	5.88	4.9	SR4	12/11/2018 21:46	21.72	79.7	5.80	1.6
SR4	12/11/2018 3:51	22.64	50.2	3.60	2.1	SR4	12/11/2018 9:51	21.75	85.5	6.21	1.2	SR4	12/11/2018 15:51	21.87	81.5	5.91	1.9	SR4	12/11/2018 21:51	21.72	79.0	5.75	2.6
SR4	12/11/2018 3:56	22.21	57.7	4.16	5.4	SR4	12/11/2018 9:56	21.75	86.8	6.31	1.3	SR4	12/11/2018 15:56	21.88	80.9	5.87	1.6	SR4	12/11/2018 21:56	21.72	79.8	5.81	2.4
SR4	12/11/2018 4:01	22.00	70.4	5.10	2.3	SR4	12/11/2018 10:01	21.75	86.5	6.29	1.2	SR4	12/11/2018 16:01	21.87	82.5	5.98	3.0	SR4	12/11/2018 22:01	21.73	79.6	5.79	2.9
SR4	12/11/2018 4:06	21.94	73.4	5.33	3.3	SR4	12/11/2018 10:06	21.75	86.3	6.27	1.9	SR4	12/11/2018 16:06	21.87	82.4	5.98	4.5	SR4	12/11/2018 22:06	21.72	81.0	5.89	1.4
SR4	12/11/2018 4:11	21.94	73.8	5.35	3.4	SR4	12/11/2018 10:11	21.77	86.2	6.27	1.6	SR4	12/11/2018 16:11	21.88	82.2	5.96	4.6	SR4	12/11/2018 22:11	21.72	81.1	5.90	4.5
SR4	12/11/2018 4:16	21.95	73.9	5.36	3.5	SR4	12/11/2018 10:16	21.76	86.1	6.26	1.9	SR4	12/11/2018 16:16	21.86	82.8	6.01	5.1	SR4	12/11/2018 22:16	21.73	80.2	5.83	3.9
SR4	12/11/2018 4:21	21.93	74.2	5.38	2.1	SR4	12/11/2018 10:21	21.76	87.0	6.32	1.6	SR4	12/11/2018 16:21	21.87	83.7	6.07	3.9	SR4	12/11/2018 22:21	21.73	81.4	5.92	2.0
SR4	12/11/2018 4:26	21.91	74.3	5.39	5.3	SR4	12/11/2018 10:26	21.79	88.0	6.39	2.7	SR4	12/11/2018 16:26	21.87	83.7	6.07	3.8	SR4	12/11/2018 22:26	21.72	80.1	5.82	2.3
SR4	12/11/2018 4:31	21.92	76.1	5.52	1.4	SR4	12/11/2018 10:31	21.78	86.9	6.31	3.9	SR4	12/11/2018 16:31	21.85	84.1	6.11	5.2	SR4	12/11/2018 22:31	21.72	78.7	5.72	2.8
SR4	12/11/2018 4:36	21.97	76.0	5.51	3.7	SR4	12/11/2018 10:36	21.86	85.2	6.18	1.7	SR4	12/11/2018 16:36	21.85	82.9	6.02	4.5	SR4	12/11/2018 22:36	21.72	80.1	5.83	1.6
SR4	12/11/2018 4:41	21.92	76.1	5.52	3.9	SR4	12/11/2018 10:41	21.80	86.2	6.26	4.1	SR4	12/11/2018 16:41	21.83	83.6	6.07	1.9	SR4	12/11/2018 22:41	21.71	79.5	5.78	1.3
SR4	12/11/2018 4:46	21.90	78.4	5.69	1.9	SR4	12/11/2018 10:46	21.80	86.1	6.26	5.9	SR4	12/11/2018 16:46	21.84	83.0	6.02	5.2	SR4	12/11/2018 22:46	21.63	79.7	5.80	1.6
SR4	12/11/2018 4:51	21.90	79.2	5.75	1.6	SR4	12/11/2018 10:51	21.81	85.6	6.22	5.1	SR4	12/11/2018 16:51	21.80	81.7	5.93	4.6	SR4	12/11/2018 22:51	21.68	78.4	5.71	4.6
SR4	12/11/2018 4:56	21.92	79.3	5.75	1.6	SR4	12/11/2018 10:56	21.78	85.5	6.22	3.5	SR4	12/11/2018 16:56	21.82	80.9	5.87	5.3	SR4	12/11/2018 22:56	21.72	79.5	5.78	2.5
SR4	12/11/2018 5:01	21.97	80.7	5.85	2.3	SR4	12/11/2018 11:01	21.78	85.7	6.23	6.1	SR4	12/11/2018 17:01	21.84	80.5	5.84	3.6	SR4	12/11/2018 23:01	21.72	79.1	5.75	4.8
SR4	12/11/2018 5:06	21.94	81.4	5.90	1.5	SR4	12/11/2018 11:06	21.80	84.7	6.15	3.3	SR4	12/11/2018 17:06	21.83	81.1	5.89	1.7	SR4	12/11/2018 23:06	21.71	78.1	5.68	4.1
SR4	12/11/2018 5:11	21.91	81.1	5.88	5.4	SR4	12/11/2018 11:11	21.80	84.0	6.10	2.8	SR4	12/11/2018 17:11	21.83	83.0	6.03	1.3	SR4	12/11/2018 23:11	21.72	79.3	5.76	5.0
SR4	12/11/2018 5:16	21.90	82.1	5.95	1.1	SR4	12/11/2018 11:16	21.79	85.6	6.22	3.6	SR4	12/11/2018 17:16	21.82	83.2	6.04	1.0	SR4	12/11/2018 23:16	21.71	79.0	5.74	4.6
SR4	12/11/2018 5:21	21.88	82.1	5.96	3.2	SR4	12/11/2018 11:21	21.81	84.7	6.16	3.8	SR4	12/11/2018 17:21	21.77	81.0	5.89	1.9	SR4	12/11/2018 23:21	21.72	79.1	5.75	4.3
SR4	12/11/2018 5:26	21.87	82.4	5.98	4.0	SR4	12/11/2018 11:26	21.82	84.7	6.15	2.3	SR4	12/11/2018 17:26	21.81	82.2	5.97	1.1	SR4	12/11/2018 23:26	21.72	78.3	5.69	1.9
SR4	12/11/2018 5:31	21.88	82.3	5.97	1.9	SR4	12/11/2018 11:31	21.84	84.2	6.11	2.4	SR4	12/11/2018 17:31	21.79	82.8	6.01	1.0	SR4	12/11/2018 23:31	21.71	79.4	5.78	4.1
SR4	12/11/2018 5:36	21.83	85.2	6.18	1.6	SR4	12/11/2018 11:36	21.78	84.1	6.11	1.0	SR4	12/11/2018 17:36	21.81	81.3	5.91	2.1	SR4	12/11/2018 23:36	21.69	79.1	5.76	3.2
SR4	12/11/2018 5:41	22.05	69.8	5.05	3.5	SR4	12/11/2018 11:41	21.82	84.0	6.10	2.2	SR4	12/11/2018 17:41	21.80	82.3	5.98	1.2	SR4	12/11/2018 23:41	21.69	79.6	5.79	5.3
SR4	12/11/2018 5:46	21.91	76.4	5.54	2.5	SR4	12/11/2018 11:46	21.82	84.9	6.17	1.0	SR4	12/11/2018 17:46	21.79	83.0	6.03	1.7	SR4	12/11/2018 23:46	21.70	79.8	5.80	5.3
SR4	12/11/2018 5:51	21.86	78.5	5.70	1.5	SR4	12/11/2018 11:51	21.83	85.0	6.17	4.4	SR4	12/11/2018 17:51	21.81	83.4	6.06	1.7	SR4	12/11/2018 23:51	21.71	80.2	5.83	1.7
SR4	12/11/2018 5:56	21.86	73.6	6.37	5.2	SR4	12/11/2018 11:56	21.84	84.4	6.13	1.7	SR4	12/11/2018 17:56	21.79	84.2	6.12	1.3	SR4	12/11/2018 23:56	21.71	78.5	5.71	1.6

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/11/2018 0:00	22.40	93.2	6.71	3.1	SR5	12/11/2018 6:00	21.97	94.9	6.83	4.6	SR5	12/11/2018 12:00	22.08	92.6	6.66	3.3	SR5	12/11/2018 18:00	21.91	91.6	6.59	2.8
SR5	12/11/2018 0:05	22.38	91.9	6.61	3.2	SR5	12/11/2018 6:05	21.99	94.4	6.79	2.2	SR5	12/11/2018 12:05	21.96	93.0	6.69	2.2	SR5	12/11/2018 18:05	21.92	93.2	6.71	3.1
SR5	12/11/2018 0:10	22.36	93.0	6.69	3.3	SR5	12/11/2018 6:10	21.99	92.3	6.65	1.7	SR5	12/11/2018 12:10	21.95	94.0	6.77	2.3	SR5	12/11/2018 18:10	21.90	92.8	6.69	1.8
SR5	12/11/2018 0:15	22.29	92.0	6.62	2.5	SR5	12/11/2018 6:15	22.00	91.2	6.83	1.6	SR5	12/11/2018 12:15	21.97	92.0	6.62	2.9	SR5	12/11/2018 18:15	21.93	93.1	6.70	3.0
SR5	12/11/2018 0:20	22.27	89.5	6.44	2.8	SR5	12/11/2018 6:20	22.01	92.4	6.65	3.0	SR5						SR5	12/11/2018 18:20	21.86	93.0	6.69	4.1
SR5	12/11/2018 0:25	22.22	91.5	6.58	4.0	SR5	12/11/2018 6:25	22.01	91.0	6.55	3.1	SR5						SR5	12/11/2018 18:25	21.93	93.6	6.74	3.8
SR5	12/11/2018 0:30	22.24	91.8	6.60	2.5	SR5	12/11/2018 6:30	22.00	93.5	6.73	3.9	SR5						SR5	12/11/2018 18:30	21.92	91.8	6.61	2.3
SR5	12/11/2018 0:35	22.26	91.3	6.69	3.5	SR5	12/11/2018 6:35	21.97	95.0	6.95	3.4	SR5						SR5	12/11/2018 18:35	21.91	93.1	6.70	3.0
SR5	12/11/2018 0:40	22.26	92.3	6.64	4.2	SR5	12/11/2018 6:40	21.98	95.0	6.83	3.5	SR5	12/11/2018 12:40	21.96	94.3	6.78	5.2	SR5	12/11/2018 18:40	21.90	92.3	6.65	2.6
SR5	12/11/2018 0:45	22.26	90.4	6.50	2.1	SR5	12/11/2018 6:45	21.99	92.4	6.65	2.2	SR5	12/11/2018 12:45	21.93	94.6	6.81	2.8	SR5	12/11/2018 18:45	21.92	91.2	6.57	2.6
SR5	12/11/2018 0:50	22.27	92.4	6.65	1.7	SR5	12/11/2018 6:50	21.96	93.4	6.72	2.8	SR5	12/11/2018 12:50	21.95	92.5	6.66	2.2	SR5	12/11/2018 18:50	21.92	93.3	6.71	2.3
SR5	12/11/2018 0:55	22.28	91.8	6.73	3.5	SR5	12/11/2018 6:55	21.95	93.8	6.75	4.1	SR5	12/11/2018 12:55	21.92	93.7	6.74	2.2	SR5	12/11/2018 18:55	21.87	93.5	6.73	4.3
SR5	12/11/2018 1:00	22.27	90.3	6.49	3.8	SR5	12/11/2018 7:00	21.95	93.5	6.73	4.0	SR5	12/11/2018 13:00	21.96	92.7	6.67	3.6	SR5	12/11/2018 19:00	21.91	91.3	6.57	3.3
SR5	12/11/2018 1:05	22.28	89.7	6.45	2.2	SR5	12/11/2018 7:05	21.96	94.1	6.77	3.2	SR5	12/11/2018 13:05	21.93	93.5	6.73	2.7	SR5	12/11/2018 19:05	21.89	93.1	6.70	3.7
SR5	12/11/2018 1:10	22.28	93.1	6.70	2.9	SR5	12/11/2018 7:10	21.96	92.5	6.66	3.9	SR5	12/11/2018 13:10	21.92	93.0	6.69	3.7	SR5	12/11/2018 19:10	21.89	93.4	6.73	4.7
SR5	12/11/2018 1:15	22.30	92.3	6.70	3.9	SR5	12/11/2018 7:15	21.92	93.3	6.72	2.4	SR5	12/11/2018 13:15	21.95	93.6	6.74	2.7	SR5	12/11/2018 19:15	21.87	92.3	6.64	3.9
SR5	12/11/2018 1:20	22.28	93.6	6.74	3.5	SR5	12/11/2018 7:20	21.98	84.5	6.63	3.8	SR5	12/11/2018 13:20	21.96	93.9	6.76	2.4	SR5	12/11/2018 19:20	21.87	92.6	6.67	3.9
SR5	12/11/2018 1:25	22.31	93.2	6.70	3.1	SR5	12/11/2018 7:25	21.97	92.5	6.65	3.0	SR5	12/11/2018 13:25	21.94	94.6	6.80	4.1	SR5	12/11/2018 19:25	21.91	91.9	6.61	3.8
SR5	12/11/2018 1:30	22.31	91.8	6.60	4.1	SR5	12/11/2018 7:30	21.97	95.0	6.83	3.3	SR5	12/11/2018 13:30	21.94	92.2	6.64	3.1	SR5	12/11/2018 19:30	21.91	91.5	6.58	1.5
SR5	12/11/2018 1:35	22.30	92.1	6.63	4.0	SR5	12/11/2018 7:35	21.96	93.4	6.72	2.6	SR5	12/11/2018 13:35	21.90	93.9	6.76	2.6	SR5	12/11/2018 19:35	21.86	90.9	6.55	2.4
SR5	12/11/2018 1:40	22.31	92.9	6.68	2.2	SR5	12/11/2018 7:40	21.95	94.0	6.76	3.3	SR5	12/11/2018 13:40	21.92	92.0	6.62	3.0	SR5	12/11/2018 19:40	21.89	92.4	6.65	3.8
SR5	12/11/2018 1:45	22.31	93.2	6.71	2.9	SR5	12/11/2018 7:45	21.92	93.7	6.74	2.7	SR5	12/11/2018 13:45	21.96	94.0	6.77	2.1	SR5	12/11/2018 19:45	21.89	93.3	6.72	3.8
SR5	12/11/2018 1:50	22.31	91.3	6.57	4.1	SR5	12/11/2018 7:50	21.93	93.6	6.73	3.5	SR5	12/11/2018 13:50	21.91	93.6	6.73	4.9	SR5	12/11/2018 19:50	21.85	92.4	6.66	1.5
SR5	12/11/2018 1:55	22.31	93.3	6.71	4.8	SR5	12/11/2018 7:55	21.95	95.6	6.88	4.1	SR5	12/11/2018 13:55	21.91	91.6	6.59	2.6	SR5	12/11/2018 19:55	21.88	93.7	6.74	2.8
SR5	12/11/2018 2:00	22.31	90.9	6.54	4.3	SR5	12/11/2018 8:00	21.96	94.5	6.80	3.3	SR5	12/11/2018 14:00	21.92	93.3	6.71	2.8	SR5	12/11/2018 20:00	21.87	90.9	6.55	4.5
SR5	12/11/2018 2:05	22.30	91.8	6.60	3.6	SR5	12/11/2018 8:05	21.95	94.4	6.79	3.0	SR5	12/11/2018 14:05	21.90	92.8	6.68	3.7	SR5	12/11/2018 20:05	21.84	92.0	6.63	3.1
SR5	12/11/2018 2:10	22.30	91.0	6.54	2.6	SR5	12/11/2018 8:10	21.95	93.1	6.70	2.6	SR5	12/11/2018 14:10	21.94	91.6	6.59	4.1	SR5	12/11/2018 20:10	21.89	91.7	6.60	2.2
SR5	12/11/2018 2:15	22.30	90.8	6.53	3.2	SR5	12/11/2018 8:15	21.93	93.6	6.73	3.7	SR5	12/11/2018 14:15	21.95	92.5	6.66	2.9	SR5	12/11/2018 20:15	21.89	91.7	6.61	3.1
SR5	12/11/2018 2:20	22.34	91.6	6.59	2.7	SR5	12/11/2018 8:20	21.96	94.5	6.80	4.1	SR5	12/11/2018 14:20	21.93	93.0	6.69	4.0	SR5	12/11/2018 20:20	21.89	91.1	6.56	2.2
SR5	12/11/2018 2:25	22.34	90.9	6.54	4.0	SR5	12/11/2018 8:25	21.96	93.5	6.73	3.4	SR5	12/11/2018 14:25	21.92	91.6	6.59	2.5	SR5	12/11/2018 20:25	21.87	91.4	6.59	3.3
SR5	12/11/2018 2:30	22.29	92.8	6.68	2.0	SR5	12/11/2018 8:30	21.98	92.6	6.66	3.6	SR5	12/11/2018 14:30	21.94	92.1	6.63	3.6	SR5	12/11/2018 20:30	21.86	92.3	6.64	3.2
SR5	12/11/2018 2:35	22.27	93.1	6.70	3.1	SR5	12/11/2018 8:35	21.98	92.7	6.67	2.9	SR5	12/11/2018 14:35	21.95	93.8	6.75	2.3	SR5	12/11/2018 20:35	21.86	92.1	6.64	3.9
SR5	12/11/2018 2:40	22.28	91.3	6.57	2.9	SR5	12/11/2018 8:40	21.99	94.2	6.78	4.0	SR5	12/11/2018 14:40	21.91	92.1	6.63	3.4	SR5	12/11/2018 20:40	21.90	91.6	6.59	3.0
SR5	12/11/2018 2:45	22.27	91.2	6.56	2.9	SR5	12/11/2018 8:45	21.96	94.1	6.77	3.2	SR5	12/11/2018 14:45	21.93	94.2	6.78	4.2	SR5	12/11/2018 20:45	21.88	90.4	6.51	3.6
SR5	12/11/2018 2:50	22.27	91.4	6.57	3.0	SR5	12/11/2018 8:50	21.98	93.6	6.74	3.5	SR5	12/11/2018 14:50	21.95	94.1	6.77	3.7	SR5	12/11/2018 20:50	21.89	92.7	6.67	3.7
SR5	12/11/2018 2:55	22.24	90.8	6.54	3.5	SR5	12/11/2018 8:55	21.94	93.2	6.71	3.5	SR5	12/11/2018 14:55	21.89	91.2	6.57	4.0	SR5	12/11/2018 20:55	21.87	91.5	6.59	3.1
SR5	12/11/2018 3:00	22.27	91.9	6.61	3.2	SR5	12/11/2018 9:00	21.95	92.8	6.68	2.8	SR5	12/11/2018 15:00	21.94	91.2	6.56	3.3	SR5	12/11/2018 21:00	21.91	92.0	6.63	2.2
SR5	12/11/2018 3:05	22.27	91.5	6.58	3.9	SR5	12/11/2018 9:05	21.92	95.2	6.85	4.3	SR5	12/11/2018 15:05	21.94	92.3	6.64	2.9	SR5	12/11/2018 21:05	21.88	91.1	6.56	2.7
SR5	12/11/2018 3:10	22.28	90.4	6.51	2.0	SR5	12/11/2018 9:10	21.92	93.0	6.70	2.3	SR5	12/11/2018 15:10	21.93	92.6	6.66	4.4	SR5	12/11/2018 21:10	21.85	90.1	6.48	4.2
SR5	12/11/2018 3:15	22.28	92.2	6.63	1.7	SR5	12/11/2018 9:15	21.91	94.0	6.77	3.8	SR5	12/11/2018 15:15	21.95	92.7	6.67	2.8	SR5	12/11/2018 21:15	21.85	91.5	6.59	2.7
SR5	12/11/2018 3:20	22.27	92.5	6.65	3.7	SR5	12/11/2018 9:20	21.90	94.7	6.81	3.6	SR5	12/11/2018 15:20	21.92	93.1	6.70	2.7	SR5	12/11/2018 21:20	21.88	92.1	6.63	2.3
SR5	12/11/2018 3:25	22.27	92.5	6.65	3.1	SR5	12/11/2018 9:25	21.86	95.5	6.87	2.9	SR5	12/11/2018 15:25	21.93	92.9	6.68	2.0	SR5	12/11/2018 21:25	21.85	90.8	6.54	3.5
SR5	12/11/2018 3:30	22.25	89.8	6.46	3.7	SR5	12/11/2018 9:30	21.87	92.6	6.67	3.7	SR5	12/11/2018 15:30	21.94	91.5	6.58	4.0	SR5	12/11/2018 21:30	21.91	90.3	6.50	3.8
SR5	12/11/2018 3:35	22.17	91.3	6.56	4.0	SR5	12/11/2018 9:35	21.87	93.1	6.70	3.2	SR5	12/11/2018 15:35	21.90	91.2	6.56	2.6	SR5	12/11/2018 21:35	21.88	90.4	6.51	5.3
SR5	12/11/2018 3:40	22.17	91.5	6.58	4.0	SR5	12/11/2018 9:40	21.85	94.3	6.78	3.6	SR5	12/11/2018 15:40	21.93	93.0	6.69	3.6	SR5	12/11/2018 21:40	21.83	92.3	6.65	5.0
SR5	12/11/2018 3:45	22.17	92.2	6.63	4.2	SR5	12/11/2018 9:45	21.93	93.2	6.71	3.3	SR5	12/11/2018 15:45	21.95	91.1	6.56	4.7	SR5	12/11/2018 21:45	21.91	92.1	6.63	3.4
SR5	12/11/2018 3:50	22.15	85.5	6.14	2.3	SR5	12/11/2018 9:50	21.85	93.2	6.71	3.2	SR5	12/11/2018 15:50	21.90	93.3	6.71	3.5	SR5	12/11/2018 21:50	21.90	91.6	6.59	3.5
SR5	12/11/2018 3:55	22.16	87.1	6.26	4.5	SR5	12/11/2018 9:55	21.88	92.6	6.66	2.4	SR5	12/11/2018 15:55	21.91	92.0	6.62	3.0	SR5	12/11/2018 21:55	21.88	92.1	6.63	3.2
SR5	12/11/2018 4:00	22.12	89.9	6.46	2.9	SR5	12/11/2018 10:00	21.94	92.4	6.65	3.2	SR5	12/11/2018 16:00	21.92	93.1	6.70	3.0	SR5	12/11/2018 22:00	21.92	90.1	6.49	3.6
SR5	12/11/2018 4:05	22.13	92.3	6.64	4.2	SR5	12/11/2018 10:05	21.88	93.3	6.71	3.5	SR5	12/11/2018 16:05	21.95	92.3	6.65	3.9	SR5	12/11/2018 22:05	21.87	91.0	6.55	2.6
SR5	12/11/2018 4:10	22.12	91.0	6.55	7.8	SR5	12/11/2018 10:10	21.92	92.6	6.67	3.0	SR5	12/11/2018 16:10	21.96	93.3	6.72	2.8	SR5	12/11/2018 22:10	21.86	91.5	6.59	2.9
SR5	12/11/2018 4:15	22.11	92.5	6.65	3.9	SR5	12/11/2018 10:15	21.92	94.8	6.82	3.2	SR5	12/11/2018 16:15	21.91	92.8	6.68	3.2	SR5	12/11/2018 22:15	21.86	90.6	6.53	2.9
SR5	12/11/2018 4:20	22.12	92.3	6.64	2.6	SR5	12/11/2018 10:20	21.92	92.4	6.65	2.9	SR5	12/11/2018 16:20	21.93	93.6	6.73	3.3	SR5	12/11/2018 22:20	21.91	92.9	6.69	2.9
SR5	12/11/2018 4:25	22.07	91.9	6.61	4.0	SR5	12/11/2018 10:25	21.85	93.5	6.73	4.3	SR5	12/11/2018 16:25	21.95	92.6	6.66	4.4	SR5	12/11/2018 22:25	21.90	92.7	6.67	4.1
SR5	12/11/2018 4:30	22.09	92.9	6.68	2.0	SR5	12/11/2018 10:30	21.89	94.0	6.77	3.9	SR5	12/11/2018 16:30	21.92	92.6	6.67	3.6	SR5	12/11/2018 22:30	21.86	89.9	6.47	3.0
SR5	12/11/2018 4:35	22.06	91.1	6.55	2.5	SR5	12/11/2018 10:35	21.89	94.1	6.77	1.7	SR5	12/11/2018 16:35	21.91	93.4	6.72	3.2	SR5	12/11/2018 22:35	21.89	90.4	6.51	4.4
SR5	12/11/2018 4:40	22.09	92.3	6.64	4.4	SR5	12/11/2018 10:40	21.88	93.3	6.71	3.4	SR5	12/11/2018 16:40	21.94	91.7	6.60	2.1	SR5	12/11/2018 22:40	21.86	91.2	6.57	1.6
SR5	12/11/2018 4:45	22.12	92.8	6.68	3.8	SR5	12/11/2018 10:45	21.98	92.5	6.66	4.9	SR5	12/11/2018 16:45	21.91	92.3	6.64	4.1	SR5	12/11/2018 22:45	21.83	90.1	6.49	3.0
SR5	12/11/2018 4:50	22.13	92.4	6.65	3.0	SR5	12/11/2018 10:50	21.90	92.1	6.63	5.2	SR5	12/11/2018 16:50	21.93	93.1	6.70	3.8	SR5	12/11/2018 22:50	21.86	91.1	6.57	6.8
SR5	12/11/2018 4:55	22.11	91.8	6.60	3.0	SR5	12/11/2018 10:55	21.97	92.3	6.64	3.7	SR5	12/11/2018 16:55	21.92	90.9	6.54	3.6	SR5	12/11/2018 22:55	21.86	90.3	6.50	2.5
SR5	12/11/2018 5:00	22.11	91.7	6.60	3.5	SR5	12/11/2018 11:00	22.01	92.8	6.68	3.5	SR5	12/11/2018 17:00	21.90	90.6	6.52	3.3	SR5	12/11/2018 23:00	21.88	91.2	6.57	4.0
SR5	12/11/2018 5:05	22.09	92.0	6.62	3.2	SR5	12/11/2018 11:05	22.02	93.0	6.69	2.8	SR5	12/11/2018 17:05	21.90	90.8	6.54	2.4	SR5	12/11/2018 23:05	21.89	90.1	6.49	4.7
SR5	12/11/2018 5:10	22.04	94.1	6.77	5.1	SR5	12/11/2018 11:10	22.01	94.1	6.77	4.8	SR5	12/11/2018 17:10	21.92	91.7	6.60	2.7	SR5	12/11/2018 23:10	21.86	90.6	6.52	2.9
SR5	12/11/2018 5:15	22.05	94.2	6.77	1.9	SR5	12/11/2018 11:15	22.09	94.5	6.80	3.0	SR5	12/11/2018 17:15	21.88	91.7	6.60	3.6	SR5	12/11/2018 23:15	21.88	90.5	6.52	3.8
SR5	12/11/2018 5:20	22.00	94.1	6.77	3.2	SR5	12/11/2018 11:20	21.89	92.8	6.68	2.7	SR5	12/11/2018 17:20	21.92	92.7	6.68	3.1	SR5	12/11/2018 23:20	21.89	90.0	6.48	3.4
SR5	12/11/2018 5:25	21.96	93.7	6.75	4.6	SR5	12/11/2018 11:25	21.87	94.4	6.79	3.2	SR5	12/11/2018 17:25	21.88	92.6	6.67	3.4	SR5	12/11/2018 23:25	21.89	89.5	6.44	3.3
SR5	12/11/2018 5:30	22.00	93.8	6.75	3.3	SR5	12/11/2018 11:30	21.98	92.0	6.62	2.8	SR5	12/11/2018 17:30	21.92	92.8	6.68	2.8	SR5	12/11/2018 23:30	21.88	90.0	6.48	2.5
SR5	12/11/2018 5:35	21.98	93.1	6.70	3.3	SR5	12/11/2018 11:35	22.09	91.9	6.62	2.8	SR5	12/11/2018 17:35	21.94	90.7	6.53	3.6	SR5	12/11/2018 23:35	21.87	91.0	6.55	2.4
SR5	12/11/2018 5:40	21.95	89.8	6.46	3.5	SR5	12/11/2018 11:40	22.05	93.4	6.72	2.6	SR5	12/11/2018 17:40	21.92	91.6	6.60	2.8	SR5	12/11/2018 23:40	21.88	90.7	6.53	3.1
SR5	12/11/2018 5:45	21.97	91.9	6.61	3.7	SR5	12/11/2018 11:45	22.08	94.0	6.77	2.6	SR5	12/11/2018 17:45	21.94	91.9	6.62	3.7	SR5	12/11/2018 23:45	21.85	92.0	6.62	4.7
SR5	12/11/2018 5:50	21.96	92.7	6.67	2.1	SR5	12/11/2018 11:50	22.08	92.9	6.68	2.4	SR5	12/11/2018 17:50	21.94	93.0	6.69	4.2	SR5	12/11/2018 23:50	21.85	90.2	6.50	3.0
SR5	12/11/2018 5:55	21.98	90.5	6.77	3.5	SR5	12/11/2018 11:55	22.06	93.1	6.70	2.5	SR5	12/11/2018 17:55	21.87	93.0	6.70	1.6	SR5	12/11/2018 23:55	21.86	91.5	6.59	3.4

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/11/2018 0:01	21.87	80.9	5.87	4.1	SR12	12/11/2018 6:01	21.78	82.6	6.00	4.6	SR12	12/11/2018 12:01	21.77	81.1	5.89	3.6	SR12	12/11/2018 18:01	21.71	78.0	5.67	3.4
SR12	12/11/2018 0:06	21.85	80.8	5.86	3.0	SR12	12/11/2018 6:06	21.79	82.5	5.99	3.7	SR12	12/11/2018 12:06	21.79	81.4	5.91	1.1	SR12	12/11/2018 18:06	21.71	78.6	5.71	3.7
SR12	12/11/2018 0:11	21.85	81.1	5.89	3.3	SR12	12/11/2018 6:11	21.81	82.1	5.96	1.8	SR12	12/11/2018 12:11	21.78	82.1	5.96	2.3	SR12	12/11/2018 18:11	21.71	78.9	5.74	2.6
SR12	12/11/2018 0:16	21.82	82.2	5.97	1.5	SR12	12/11/2018 6:16	21.77	82.2	5.97	1.6	SR12	12/11/2018 12:16	21.78	81.6	5.93	2.5	SR12	12/11/2018 18:16	21.71	78.5	5.71	2.1
SR12	12/11/2018 0:21	21.93	74.5	5.40	3.5	SR12	12/11/2018 6:21	21.79	82.1	5.96	2.2	SR12	12/11/2018 12:21	21.78	81.8	5.94	1.5	SR12	12/11/2018 18:21	21.71	79.3	5.76	2.4
SR12	12/11/2018 0:26	21.87	78.4	5.68	3.2	SR12	12/11/2018 6:26	21.80	82.2	5.97	2.9	SR12	12/11/2018 12:26	21.77	82.4	5.98	1.8	SR12	12/11/2018 18:26	21.72	80.1	5.82	3.9
SR12	12/11/2018 0:31	21.86	79.6	5.78	3.4	SR12	12/11/2018 6:31	21.81	82.6	6.00	4.9	SR12	12/11/2018 12:31	21.78	82.4	5.98	2.5	SR12	12/11/2018 18:31	21.72	80.2	5.83	2.7
SR12	12/11/2018 0:36	21.84	77.3	6.13	4.1	SR12	12/11/2018 6:36	21.82	82.3	5.97	1.6	SR12	12/11/2018 12:36	21.77	82.6	6.00	1.8	SR12	12/11/2018 18:36	21.72	79.9	5.80	3.3
SR12	12/11/2018 0:41	21.85	82.7	5.99	2.3	SR12	12/11/2018 6:41	21.83	82.0	5.95	3.2	SR12	12/11/2018 12:41	21.75	82.3	5.98	2.1	SR12	12/11/2018 18:41	21.72	80.0	5.81	1.3
SR12	12/11/2018 0:46	21.83	82.1	5.95	1.9	SR12	12/11/2018 6:46	21.83	81.7	5.93	3.4	SR12	12/11/2018 12:46	21.75	82.6	6.00	3.3	SR12	12/11/2018 18:46	21.72	79.8	5.80	3.6
SR12	12/11/2018 0:51	21.83	82.4	5.98	1.4	SR12	12/11/2018 6:51	21.83	82.5	5.99	1.9	SR12	12/11/2018 12:51	21.74	82.2	5.97	1.8	SR12	12/11/2018 18:51	21.72	80.1	5.82	3.9
SR12	12/11/2018 0:56	21.84	80.6	6.37	3.5	SR12	12/11/2018 6:56	21.85	82.0	5.95	3.8	SR12	12/11/2018 12:56	21.79	81.9	5.95	1.3	SR12	12/11/2018 18:56	21.72	79.9	5.81	4.2
SR12	12/11/2018 1:01	21.77	78.9	5.73	3.5	SR12	12/11/2018 7:01	21.84	81.6	5.92	4.7	SR12	12/11/2018 13:01	21.75	82.1	5.96	3.8	SR12	12/11/2018 19:01	21.72	79.8	5.80	3.0
SR12	12/11/2018 1:06	21.82	76.5	5.55	2.5	SR12	12/11/2018 7:06	21.87	82.1	5.96	3.5	SR12	12/11/2018 13:06	21.78	81.8	5.94	3.2	SR12	12/11/2018 19:06	21.72	80.5	5.85	2.2
SR12	12/11/2018 1:11	21.86	81.2	5.89	1.8	SR12	12/11/2018 7:11	21.87	81.6	5.91	4.2	SR12	12/11/2018 13:11	21.76	82.1	5.96	1.7	SR12	12/11/2018 19:11	21.71	80.1	5.83	2.5
SR12	12/11/2018 1:16	21.82	83.2	6.27	5.2	SR12	12/11/2018 7:16	21.86	82.0	5.95	3.2	SR12	12/11/2018 13:16	21.77	81.8	5.94	2.9	SR12	12/11/2018 19:16	21.71	81.1	5.89	2.9
SR12	12/11/2018 1:21	21.83	82.8	6.01	2.9	SR12	12/11/2018 7:21	21.85	81.9	5.94	3.5	SR12	12/11/2018 13:21	21.74	82.2	5.98	1.5	SR12	12/11/2018 19:21	21.70	81.0	5.89	4.3
SR12	12/11/2018 1:26	21.82	82.9	6.01	2.4	SR12	12/11/2018 7:26	21.85	81.5	5.91	2.0	SR12	12/11/2018 13:26	21.75	81.8	5.94	2.8	SR12	12/11/2018 19:26	21.72	80.6	5.85	3.8
SR12	12/11/2018 1:31	21.81	83.1	6.03	3.9	SR12	12/11/2018 7:31	21.86	82.4	5.98	3.5	SR12	12/11/2018 13:31	21.75	81.8	5.95	2.3	SR12	12/11/2018 19:31	21.72	80.5	5.85	1.4
SR12	12/11/2018 1:36	21.81	83.4	6.05	3.9	SR12	12/11/2018 7:36	21.85	81.7	5.92	3.9	SR12	12/11/2018 13:36	21.74	82.1	5.97	2.4	SR12	12/11/2018 19:36	21.71	79.8	5.80	3.6
SR12	12/11/2018 1:41	21.80	83.8	6.08	3.1	SR12	12/11/2018 7:41	21.84	80.9	5.87	2.7	SR12	12/11/2018 13:41	21.76	82.0	5.95	2.2	SR12	12/11/2018 19:41	21.71	79.2	5.75	3.4
SR12	12/11/2018 1:46	21.80	83.6	6.07	2.9	SR12	12/11/2018 7:46	21.85	81.5	5.91	1.4	SR12	12/11/2018 13:46	21.77	81.2	5.90	2.2	SR12	12/11/2018 19:46	21.71	80.5	5.85	4.1
SR12	12/11/2018 1:51	21.80	82.7	6.01	3.9	SR12	12/11/2018 7:51	21.86	81.5	5.91	1.5	SR12	12/11/2018 13:51	21.76	81.3	5.91	4.4	SR12	12/11/2018 19:51	21.70	81.0	5.89	2.3
SR12	12/11/2018 1:56	21.81	82.6	5.99	3.9	SR12	12/11/2018 7:56	21.86	81.5	5.91	4.7	SR12	12/11/2018 13:56	21.76	81.1	5.89	2.2	SR12	12/11/2018 19:56	21.70	80.7	5.87	3.3
SR12	12/11/2018 2:01	21.83	81.9	5.94	3.9	SR12	12/11/2018 8:01	21.85	82.3	5.97	3.1	SR12	12/11/2018 14:01	21.77	81.5	5.92	2.3	SR12	12/11/2018 20:01	21.70	80.3	5.84	4.5
SR12	12/11/2018 2:06	21.82	82.9	6.01	4.3	SR12	12/11/2018 8:06	21.84	82.1	5.95	3.7	SR12	12/11/2018 14:06	21.76	80.7	5.86	4.5	SR12	12/11/2018 20:06	21.70	80.5	5.86	1.5
SR12	12/11/2018 2:11	21.81	83.2	6.03	3.2	SR12	12/11/2018 8:11	21.85	82.1	5.96	2.8	SR12	12/11/2018 14:11	21.75	80.8	5.87	1.7	SR12	12/11/2018 20:11	21.70	80.6	5.86	3.0
SR12	12/11/2018 2:16	21.79	83.5	6.06	3.5	SR12	12/11/2018 8:16	21.84	82.5	5.98	2.6	SR12	12/11/2018 14:16	21.74	81.2	5.90	2.4	SR12	12/11/2018 20:16	21.71	80.2	5.83	2.9
SR12	12/11/2018 2:21	21.80	83.3	6.04	2.7	SR12	12/11/2018 8:21	21.84	81.8	5.94	3.2	SR12	12/11/2018 14:21	21.73	81.4	5.91	3.1	SR12	12/11/2018 20:21	21.70	80.2	5.83	3.7
SR12	12/11/2018 2:26	21.79	83.3	6.04	2.5	SR12	12/11/2018 8:26	21.85	81.4	5.91	2.3	SR12	12/11/2018 14:26	21.73	81.4	5.92	2.9	SR12	12/11/2018 20:26	21.69	80.2	5.83	2.5
SR12	12/11/2018 2:31	21.77	84.5	6.14	3.1	SR12	12/11/2018 8:31	21.85	81.5	5.91	3.6	SR12	12/11/2018 14:31	21.73	81.2	5.90	1.6	SR12	12/11/2018 20:31	21.70	79.4	5.77	4.6
SR12	12/11/2018 2:36	21.77	84.3	6.12	3.4	SR12	12/11/2018 8:36	21.84	81.7	5.92	3.0	SR12	12/11/2018 14:36	21.73	80.6	5.86	2.3	SR12	12/11/2018 20:36	21.70	79.5	5.78	5.1
SR12	12/11/2018 2:41	21.78	83.0	6.02	2.3	SR12	12/11/2018 8:41	21.84	82.1	5.95	3.5	SR12	12/11/2018 14:41	21.71	80.6	5.86	2.9	SR12	12/11/2018 20:41	21.69	79.5	5.78	3.3
SR12	12/11/2018 2:46	21.79	82.9	6.02	1.7	SR12	12/11/2018 8:46	21.84	81.1	5.88	2.9	SR12	12/11/2018 14:46	21.72	80.9	5.88	2.3	SR12	12/11/2018 20:46	21.69	79.3	5.76	3.5
SR12	12/11/2018 2:51	21.80	83.1	6.03	3.4	SR12	12/11/2018 8:51	21.85	80.6	5.85	2.4	SR12	12/11/2018 14:51	21.71	80.6	5.86	2.6	SR12	12/11/2018 20:51	21.70	79.4	5.77	2.2
SR12	12/11/2018 2:56	21.79	83.1	6.03	1.7	SR12	12/11/2018 8:56	21.85	81.1	5.88	2.1	SR12	12/11/2018 14:56	21.70	80.4	5.85	2.4	SR12	12/11/2018 20:56	21.70	79.2	5.76	2.1
SR12	12/11/2018 3:01	21.80	83.6	6.07	3.6	SR12	12/11/2018 9:01	21.84	81.4	5.91	4.2	SR12	12/11/2018 15:01	21.71	79.7	5.79	1.6	SR12	12/11/2018 21:01	21.70	78.6	5.72	3.6
SR12	12/11/2018 3:06	21.79	82.9	6.02	2.1	SR12	12/11/2018 9:06	21.85	81.2	5.89	4.8	SR12	12/11/2018 15:06	21.71	79.6	5.79	3.8	SR12	12/11/2018 21:06	21.68	79.8	5.80	4.2
SR12	12/11/2018 3:11	21.79	82.4	5.98	2.9	SR12	12/11/2018 9:11	21.85	81.0	5.88	1.5	SR12	12/11/2018 15:11	21.71	79.5	5.78	4.5	SR12	12/11/2018 21:11	21.69	79.0	5.74	3.8
SR12	12/11/2018 3:16	21.78	82.6	5.99	2.2	SR12	12/11/2018 9:16	21.85	81.7	5.93	1.3	SR12	12/11/2018 15:16	21.73	79.8	5.80	2.0	SR12	12/11/2018 21:16	21.69	78.4	5.70	2.8
SR12	12/11/2018 3:21	21.80	82.0	5.95	3.8	SR12	12/11/2018 9:21	21.84	81.9	5.94	3.8	SR12	12/11/2018 15:21	21.72	78.4	5.70	1.7	SR12	12/11/2018 21:21	21.69	78.8	5.73	1.4
SR12	12/11/2018 3:26	21.80	82.2	5.97	3.4	SR12	12/11/2018 9:26	21.84	81.8	5.93	2.2	SR12	12/11/2018 15:26	21.70	78.2	5.69	2.7	SR12	12/11/2018 21:26	21.69	77.2	5.62	3.0
SR12	12/11/2018 3:31	21.80	82.3	5.97	4.0	SR12	12/11/2018 9:31	21.84	81.3	5.90	5.1	SR12	12/11/2018 15:31	21.71	78.9	5.74	3.8	SR12	12/11/2018 21:31	21.69	78.3	5.69	3.2
SR12	12/11/2018 3:36	21.78	83.1	6.03	2.9	SR12	12/11/2018 9:36	21.83	81.3	5.90	3.2	SR12	12/11/2018 15:36	21.70	78.8	5.73	2.9	SR12	12/11/2018 21:36	21.68	78.8	5.73	4.8
SR12	12/11/2018 3:41	21.77	83.5	6.06	3.9	SR12	12/11/2018 9:41	21.83	81.8	5.93	2.1	SR12	12/11/2018 15:41	21.73	78.5	5.70	3.7	SR12	12/11/2018 21:41	21.69	79.0	5.75	4.1
SR12	12/11/2018 3:46	21.77	83.0	6.03	1.9	SR12	12/11/2018 9:46	21.84	80.9	5.87	3.7	SR12	12/11/2018 15:46	21.73	78.6	5.72	2.5	SR12	12/11/2018 21:46	21.71	78.2	5.68	2.9
SR12	12/11/2018 3:51	21.76	83.2	6.04	3.5	SR12	12/11/2018 9:51	21.84	81.0	5.88	4.1	SR12	12/11/2018 15:51	21.73	79.8	5.80	3.8	SR12	12/11/2018 21:51	21.69	79.4	5.77	3.0
SR12	12/11/2018 3:56	21.80	82.1	5.96	3.2	SR12	12/11/2018 9:56	21.82	81.1	5.88	2.8	SR12	12/11/2018 15:56	21.71	78.1	5.68	4.9	SR12	12/11/2018 21:56	21.69	79.6	5.79	3.3
SR12	12/11/2018 4:01	21.77	83.2	6.04	2.6	SR12	12/11/2018 10:01	21.83	80.6	5.85	3.2	SR12	12/11/2018 16:01	21.72	79.7	5.79	3.1	SR12	12/11/2018 22:01	21.70	78.8	5.73	3.7
SR12	12/11/2018 4:06	21.76	83.6	6.07	3.0	SR12	12/11/2018 10:06	21.84	80.8	5.87	3.2	SR12	12/11/2018 16:06	21.73	79.4	5.77	2.6	SR12	12/11/2018 22:06	21.68	79.5	5.78	2.8
SR12	12/11/2018 4:11	21.75	84.0	6.10	3.6	SR12	12/11/2018 10:11	21.83	81.1	5.89	3.1	SR12	12/11/2018 16:11	21.73	79.3	5.77	3.0	SR12	12/11/2018 22:11	21.67	79.5	5.78	2.4
SR12	12/11/2018 4:16	21.74	83.8	6.09	3.3	SR12	12/11/2018 10:16	21.84	80.4	5.83	3.7	SR12	12/11/2018 16:16	21.74	79.5	5.78	2.7	SR12	12/11/2018 22:16	21.67	79.4	5.78	4.2
SR12	12/11/2018 4:21	21.76	84.0	6.10	3.7	SR12	12/11/2018 10:21	21.83	80.5	5.84	5.0	SR12	12/11/2018 16:21	21.74	79.6	5.78	2.2	SR12	12/11/2018 22:21	21.68	79.3	5.77	2.3
SR12	12/11/2018 4:26	21.77	82.5	6.00	3.3	SR12	12/11/2018 10:26	21.84	79.9	5.80	3.3	SR12	12/11/2018 16:26	21.73	80.2	5.83	2.6	SR12	12/11/2018 22:26	21.67	79.3	5.77	2.7
SR12	12/11/2018 4:31	21.76	83.2	6.04	1.3	SR12	12/11/2018 10:31	21.83	80.5	5.84	1.7	SR12	12/11/2018 16:31	21.73	80.3	5.83	3.4	SR12	12/11/2018 22:31	21.66	79.3	5.77	3.9
SR12	12/11/2018 4:36	21.77	83.3	6.05	3.1	SR12	12/11/2018 10:36	21.83	80.5	5.84	2.5	SR12	12/11/2018 16:36	21.74	79.8	5.80	3.9	SR12	12/11/2018 22:36	21.67	79.2	5.76	4.8
SR12	12/11/2018 4:41	21.77	83.1	6.03	2.3	SR12	12/11/2018 10:41	21.83	80.9	5.86	3.8	SR12	12/11/2018 16:41	21.74	80.4	5.84	3.2	SR12	12/11/2018 22:41	21.68	79.0	5.75	2.9
SR12	12/11/2018 4:46	21.77	83.0	6.02	2.2	SR12	12/11/2018 10:46	21.83	81.1	5.88	4.3	SR12	12/11/2018 16:46	21.74	79.6	5.78	3.0	SR12	12/11/2018 22:46	21.68	78.7	5.73	3.2
SR12	12/11/2018 4:51	21.76	82.8	6.02	3.5	SR12	12/11/2018 10:51	21.83	80.8	5.86	5.1	SR12	12/11/2018 16:51	21.74	79.0	5.74	3.7	SR12	12/11/2018 22:51	21.69	78.6	5.72	**11.1**
SR12	12/11/2018 4:56	21.75	82.4	5.99	2.4	SR12	12/11/2018 10:56	21.82	80.8	5.86	3.8	SR12	12/11/2018 16:56	21.74	79.6	5.79	1.5	SR12	12/11/2018 22:56	21.67	78.5	5.71	2.9
SR12	12/11/2018 5:01	21.76	83.1	6.03	1.4	SR12	12/11/2018 11:01	21.83	81.4	5.91	3.6	SR12	12/11/2018 17:01	21.73	79.5	5.77	2.5	SR12	12/11/2018 23:01	21.65	76.9	5.60	3.5
SR12	12/11/2018 5:06	21.77	83.7	6.08	3.0	SR12	12/11/2018 11:06	21.83	81.6	5.92	2.7	SR12	12/11/2018 17:06	21.70	79.3	5.76	1.4	SR12	12/11/2018 23:06	21.64	77.1	5.61	4.1
SR12	12/11/2018 5:11	21.76	83.9	6.09	4.0	SR12	12/11/2018 11:11	21.82	81.8	5.94	5.1	SR12	12/11/2018 17:11	21.69	78.4	5.70	4.7	SR12	12/11/2018 23:11	21.70	78.5	5.71	3.3
SR12	12/11/2018 5:16	21.82	82.6	5.99	1.9	SR12	12/11/2018 11:16	21.82	81.3	5.90	2.9	SR12	12/11/2018 17:16	21.72	78.9	5.73	2.3	SR12	12/11/2018 23:16	21.67	78.5	5.71	3.3
SR12	12/11/2018 5:21	21.78	83.0	6.03	4.1	SR12	12/11/2018 11:21	21.81	81.6	5.92	2.7	SR12	12/11/2018 17:21	21.71	78.6	5.72	4.0	SR12	12/11/2018 23:21	21.70	78.4	5.70	6.4
SR12	12/11/2018 5:26	21.79	83.6	6.07	5.1	SR12	12/11/2018 11:26	21.81	81.3	5.90	4.1	SR12	12/11/2018 17:26	21.70	77.8	5.66	4.7	SR12	12/11/2018 23:26	21.70	78.3	5.69	2.8
SR12	12/11/2018 5:31	21.78	83.5	6.07	4.4	SR12	12/11/2018 11:31	21.78	81.3	5.90	4.9	SR12	12/11/2018 17:31	21.71	78.5	5.70	3.8	SR12	12/11/2018 23:31	21.71	76.1	5.54	1.5
SR12	12/11/2018 5:36	21.76	83.5	6.07	4.5	SR12	12/11/2018 11:36	21.79	81.0	5.88	4.2	SR12	12/11/2018 17:36	21.71	78.2	5.68	3.2	SR12	12/11/2018 23:36	21.76	74.2	5.39	3.2
SR12	12/11/2018 5:41	21.78	83.6	6.08	5.7	SR12	12/11/2018 11:41	21.80	80.7	5.86	3.0	SR12	12/11/2018 17:41	21.73	77.7	5.65	4.7	SR12	12/11/2018 23:41	21.73	75.7	5.51	3.3
SR12	12/11/2018 5:46	21.78	83.0	6.03	2.8	SR12	12/11/2018 11:46	21.79	81.0	5.88	2.5	SR12	12/11/2018 17:46	21.72	77.2	5.61	1.6	SR12	12/11/2018 23:46	21.68	78.0	5.67	7.2
SR12	12/11/2018 5:51	21.78	82.6	5.99	3.2	SR12	12/11/2018 11:51	21.79	82.1	5.96	1.4	SR12	12/11/2018 17:51	21.72	78.1	5.68	4.6	SR12	12/11/2018 23:51	21.67	78.4	5.71	2.2
SR12	12/11/2018 5:56	21.77	83.1	6.04	4.4	SR12	12/11/2018 11:56	21.79	82.2	5.97	2.7	SR12	12/11/2018 17:56	21.71	77.6	5.65	2.2	SR12	12/11/2018 23:56	21.69	75.7	5.50	4.2

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/11/2018 0:00	22.13	88.6	6.65	2.1	SR13	12/11/2018 6:00	22.12	90.6	6.80	1.1	SR13	12/11/2018 12:00	21.51	83.5	5.95	10.8	SR13	12/11/2018 18:00	21.50	79.3	5.31	9.7
SR13	12/11/2018 0:05	22.13	89.3	6.70	1.7	SR13	12/11/2018 6:05	22.09	90.4	6.79	2.0	SR13	12/11/2018 12:05	21.51	83.4	5.95	11.3	SR13	12/11/2018 18:05	21.50	80.0	5.36	10.5
SR13	12/11/2018 0:10	22.14	89.0	6.68	1.7	SR13	12/11/2018 6:10	22.09	91.3	6.86	2.5	SR13	12/11/2018 12:10	21.54	82.1	5.87	10.8	SR13	12/11/2018 18:10	21.50	80.1	5.36	10.1
SR13	12/11/2018 0:15	22.11	88.5	6.64	1.6	SR13	12/11/2018 6:15	22.09	91.2	6.85	2.2	SR13	12/11/2018 12:15	21.51	83.0	5.92	9.9	SR13	12/11/2018 18:15	21.48	78.2	5.24	10.9
SR13	12/11/2018 0:20	22.14	89.2	6.69	1.9	SR13	12/11/2018 6:20	22.08	90.8	6.83	2.2	SR13	12/11/2018 12:20	21.51	82.7	5.90	9.6	SR13	12/11/2018 18:20	21.51	78.8	5.28	11.6
SR13	12/11/2018 0:25	22.15	89.5	6.71	2.0	SR13	12/11/2018 6:25	22.08	90.3	6.79	2.6	SR13	12/11/2018 12:25	21.52	82.5	5.89	10.0	SR13	12/11/2018 18:25	21.50	79.0	5.29	10.4
SR13	12/11/2018 0:30	22.16	89.0	6.67	1.8	SR13	12/11/2018 6:30	22.09	90.8	6.82	1.8	SR13	12/11/2018 12:30	21.52	82.8	5.91	11.1	SR13	12/11/2018 18:30	21.49	78.9	5.29	9.4
SR13	12/11/2018 0:35	22.15	89.1	6.68	2.7	SR13	12/11/2018 6:35	22.08	90.6	6.80	1.7	SR13	12/11/2018 12:35	21.52	82.9	5.91	9.5	SR13	12/11/2018 18:35	21.46	77.7	**5.21**	9.7
SR13	12/11/2018 0:40	22.18	88.6	6.64	1.6	SR13	12/11/2018 6:40	22.08	89.6	6.80	2.3	SR13	12/11/2018 12:40	21.52	83.3	5.95	10.1	SR13	12/11/2018 18:40	21.48	77.6	**5.20**	10.9
SR13	12/11/2018 0:45	22.18	90.0	6.75	2.1	SR13	12/11/2018 6:45	22.09	90.3	6.79	2.5	SR13	12/11/2018 12:45	21.52	83.3	5.94	10.1	SR13	12/11/2018 18:45	21.49	78.6	5.27	11.0
SR13	12/11/2018 0:50	22.18	90.3	6.78	1.8	SR13	12/11/2018 6:50	22.09	90.4	6.79	1.7	SR13	12/11/2018 12:50	21.52	83.1	5.93	10.7	SR13	12/11/2018 18:50	21.48	78.8	5.28	9.9
SR13	12/11/2018 0:55	22.16	90.4	6.79	1.9	SR13	12/11/2018 6:55	22.10	89.8	6.75	1.2	SR13	12/11/2018 12:55	21.52	83.4	5.95	9.6	SR13	12/11/2018 18:55	21.50	79.2	5.31	10.6
SR13	12/11/2018 1:00	22.14	90.2	6.78	1.3	SR13	12/11/2018 7:00	22.09	89.8	6.82	0.9	SR13	12/11/2018 13:00	21.54	83.1	5.93	9.3	SR13	12/11/2018 19:00	21.51	79.0	5.29	9.5
SR13	12/11/2018 1:05	22.16	87.2	6.55	1.7	SR13	12/11/2018 7:05	22.09	89.8	6.75	1.5	SR13	12/11/2018 13:05	21.54	83.5	5.96	9.7	SR13	12/11/2018 19:05	21.51	79.0	5.29	11.1
SR13	12/11/2018 1:10	22.14	89.6	6.73	1.9	SR13	12/11/2018 7:10	22.10	89.3	6.72	2.7	SR13	12/11/2018 13:10	21.55	83.4	5.95	10.1	SR13	12/11/2018 19:10	21.50	78.7	5.27	11.6
SR13	12/11/2018 1:15	22.14	90.1	6.77	1.7	SR13	12/11/2018 7:15	22.10	89.8	6.75	2.4	SR13	12/11/2018 13:15	21.52	82.8	5.92	9.8	SR13	12/11/2018 19:15	21.48	78.4	5.26	9.3
SR13	12/11/2018 1:20	22.14	89.5	6.89	2.0	SR13	12/11/2018 7:20	22.10	90.0	6.79	1.6	SR13	12/11/2018 13:20	21.52	82.9	5.92	11.4	SR13	12/11/2018 19:20	21.48	78.9	5.29	11.3
SR13	12/11/2018 1:25	22.14	90.8	6.82	1.9	SR13	12/11/2018 7:25	22.10	90.3	6.78	1.8	SR13	12/11/2018 13:25	21.52	83.2	5.95	11.2	SR13	12/11/2018 19:25	21.50	78.7	5.28	10.6
SR13	12/11/2018 1:30	22.14	89.1	6.69	1.1	SR13	12/11/2018 7:30	22.10	89.4	6.72	1.6	SR13	12/11/2018 13:30	21.59	83.1	5.94	9.9	SR13	12/11/2018 19:30	21.49	79.1	5.30	11.7
SR13	12/11/2018 1:35	22.14	90.7	6.82	0.9	SR13	12/11/2018 7:35	22.10	89.4	6.72	1.5	SR13	12/11/2018 13:35	21.55	83.0	5.93	9.5	SR13	12/11/2018 19:35	21.48	79.3	5.31	10.5
SR13	12/11/2018 1:40	22.15	90.3	6.95	2.0	SR13	12/11/2018 7:40	22.09	89.8	6.75	2.2	SR13	12/11/2018 13:40	21.52	82.5	5.91	9.7	SR13	12/11/2018 19:40	21.48	79.0	5.30	9.9
SR13	12/11/2018 1:45	22.13	89.0	6.69	2.1	SR13	12/11/2018 7:45	22.10	89.4	6.72	3.3	SR13	12/11/2018 13:45	21.53	82.2	5.88	9.7	SR13	12/11/2018 19:45	21.49	79.6	5.33	11.3
SR13	12/11/2018 1:50	22.14	88.3	6.64	1.3	SR13	12/11/2018 7:50	22.10	89.4	6.72	2.1	SR13	12/11/2018 13:50	21.51	83.0	5.93	9.5	SR13	12/11/2018 19:50	21.49	79.7	5.34	10.0
SR13	12/11/2018 1:55	22.15	90.6	6.81	1.4	SR13	12/11/2018 7:55	22.11	89.0	6.69	2.3	SR13	12/11/2018 13:55	21.51	83.0	5.94	9.4	SR13	12/11/2018 19:55	21.49	79.4	5.32	11.8
SR13	12/11/2018 2:00	22.15	91.1	6.92	2.6	SR13	12/11/2018 8:00	22.09	89.7	6.74	1.7	SR13	12/11/2018 14:00	21.52	79.6	5.33	10.4	SR13	12/11/2018 20:00	21.49	79.4	5.32	9.9
SR13	12/11/2018 2:05	22.15	91.5	6.88	1.8	SR13	12/11/2018 8:05	22.10	87.6	6.73	2.2	SR13	12/11/2018 14:05	21.51	78.2	5.24	9.3	SR13	12/11/2018 20:05	21.49	79.2	5.31	10.5
SR13	12/11/2018 2:10	22.16	91.5	6.87	1.8	SR13	12/11/2018 8:10	22.10	89.1	6.69	1.5	SR13	12/11/2018 14:10	21.51	80.8	5.41	9.7	SR13	12/11/2018 20:10	21.49	79.1	5.30	11.7
SR13	12/11/2018 2:15	22.15	91.0	6.84	2.3	SR13	12/11/2018 8:15	22.10	89.7	6.74	2.1	SR13	12/11/2018 14:15	21.51	79.8	5.35	11.2	SR13	12/11/2018 20:15	21.49	79.1	5.30	11.7
SR13	12/11/2018 2:20	22.15	91.4	6.87	2.2	SR13	12/11/2018 8:20	22.10	89.3	6.70	2.1	SR13	12/11/2018 14:20	21.50	76.3	**5.12**	9.8	SR13	12/11/2018 20:20	21.49	79.1	5.30	10.2
SR13	12/11/2018 2:25	22.16	91.7	6.89	1.6	SR13	12/11/2018 8:25	22.09	89.1	6.69	1.9	SR13	12/11/2018 14:25	21.50	78.7	5.28	10.3	SR13	12/11/2018 20:25	21.49	79.2	5.31	10.6
SR13	12/11/2018 2:30	22.15	91.9	6.91	1.7	SR13	12/11/2018 8:30	22.09	88.7	6.66	1.4	SR13	12/11/2018 14:30	21.51	79.2	5.31	9.3	SR13	12/11/2018 20:30	21.49	79.3	5.31	9.5
SR13	12/11/2018 2:35	22.15	91.1	6.85	2.3	SR13	12/11/2018 8:35	21.49	79.5	5.33	10.6	SR13	12/11/2018 14:35	21.51	78.7	5.28	11.1	SR13	12/11/2018 20:35	21.49	79.6	5.33	11.8
SR13	12/11/2018 2:40	22.16	91.3	6.86	2.5	SR13	12/11/2018 8:40	21.49	79.4	5.33	10.0	SR13	12/11/2018 14:40	21.51	79.1	5.30	11.2	SR13	12/11/2018 20:40	21.48	80.0	5.36	9.9
SR13	12/11/2018 2:45	22.16	90.4	6.80	2.3	SR13	12/11/2018 8:45	21.48	79.5	5.34	10.5	SR13	12/11/2018 14:45	21.51	80.4	5.39	9.8	SR13	12/11/2018 20:45	21.48	80.0	5.36	10.3
SR13	12/11/2018 2:50	22.15	90.3	6.78	2.3	SR13	12/11/2018 8:50	21.49	79.5	5.34	10.5	SR13	12/11/2018 14:50	21.51	80.6	5.40	11.8	SR13	12/11/2018 20:50	21.48	80.2	5.37	11.7
SR13	12/11/2018 2:55	22.15	90.7	6.82	1.5	SR13	12/11/2018 8:55	21.49	79.1	5.31	10.9	SR13	12/11/2018 14:55	21.51	80.4	5.39	9.9	SR13	12/11/2018 20:55	21.48	80.4	5.38	10.7
SR13	12/11/2018 3:00	22.15	90.5	6.80	1.9	SR13	12/11/2018 9:00	21.49	79.2	5.32	11.6	SR13	12/11/2018 15:00	21.47	78.2	5.24	10.0	SR13	12/11/2018 21:00	21.48	80.4	5.38	11.4
SR13	12/11/2018 3:05	22.16	90.5	6.80	1.5	SR13	12/11/2018 9:05	21.50	78.2	5.25	11.7	SR13	12/11/2018 15:05	21.45	78.9	5.29	11.8	SR13	12/11/2018 21:05	21.45	79.6	5.34	11.7
SR13	12/11/2018 3:10	22.16	90.2	6.78	1.7	SR13	12/11/2018 9:10	21.50	79.2	5.31	11.6	SR13	12/11/2018 15:10	21.49	83.1	5.94	10.7	SR13	12/11/2018 21:10	21.48	79.4	5.32	11.4
SR13	12/11/2018 3:15	22.14	91.4	6.86	1.6	SR13	12/11/2018 9:15	21.50	78.9	5.29	11.5	SR13	12/11/2018 15:15	21.51	82.7	5.91	9.8	SR13	12/11/2018 21:15	21.48	79.5	5.32	11.1
SR13	12/11/2018 3:20	22.13	91.0	6.84	1.8	SR13	12/11/2018 9:20	21.59	81.3	5.81	9.8	SR13	12/11/2018 15:20	21.51	83.8	5.99	10.8	SR13	12/11/2018 21:20	21.48	79.9	5.35	10.3
SR13	12/11/2018 3:25	22.15	90.2	6.78	1.5	SR13	12/11/2018 9:25	21.54	82.1	5.86	11.8	SR13	12/11/2018 15:25	21.51	82.7	5.91	11.0	SR13	12/11/2018 21:25	21.48	80.1	5.36	10.1
SR13	12/11/2018 3:30	22.14	90.0	6.76	1.3	SR13	12/11/2018 9:30	21.61	81.3	5.80	9.4	SR13	12/11/2018 15:30	21.49	83.5	5.97	10.3	SR13	12/11/2018 21:30	21.48	79.7	5.34	9.3
SR13	12/11/2018 3:35	22.15	89.8	6.74	1.8	SR13	12/11/2018 9:35	21.53	82.7	5.90	11.3	SR13	12/11/2018 15:35	21.51	82.9	5.92	9.5	SR13	12/11/2018 21:35	21.48	80.0	5.36	10.1
SR13	12/11/2018 3:40	22.14	89.8	6.75	1.5	SR13	12/11/2018 9:40	21.57	82.2	5.87	11.8	SR13	12/11/2018 15:40	21.48	80.8	5.79	9.8	SR13	12/11/2018 21:40	21.48	80.1	5.37	11.1
SR13	12/11/2018 3:45	22.15	90.8	6.82	1.8	SR13	12/11/2018 9:45	21.58	81.5	5.82	9.5	SR13	12/11/2018 15:45	21.49	81.3	5.82	10.6	SR13	12/11/2018 21:45	21.48	80.1	5.37	10.3
SR13	12/11/2018 3:50	22.17	90.2	6.78	1.6	SR13	12/11/2018 9:50	21.54	82.6	5.89	11.1	SR13	12/11/2018 15:50	21.49	83.1	5.94	10.9	SR13	12/11/2018 21:50	21.48	80.1	5.37	10.7
SR13	12/11/2018 3:55	22.17	89.4	6.72	1.3	SR13	12/11/2018 9:55	21.52	82.4	5.88	11.0	SR13	12/11/2018 15:55	21.50	81.8	5.84	10.7	SR13	12/11/2018 21:55	21.47	80.0	5.36	11.6
SR13	12/11/2018 4:00	22.17	90.0	6.76	1.1	SR13	12/11/2018 10:00	21.53	82.6	5.89	9.7	SR13	12/11/2018 16:00	21.49	82.4	5.89	11.7	SR13	12/11/2018 22:00	21.47	80.2	5.38	11.8
SR13	12/11/2018 4:05	22.17	90.0	6.76	2.2	SR13	12/11/2018 10:05	21.51	82.9	5.91	11.3	SR13	12/11/2018 16:05	21.50	83.0	5.93	10.5	SR13	12/11/2018 22:05	21.47	80.2	5.37	11.4
SR13	12/11/2018 4:10	22.17	90.2	6.77	1.7	SR13	12/11/2018 10:10	21.51	82.9	5.91	10.2	SR13	12/11/2018 16:10	21.50	82.7	5.90	10.2	SR13	12/11/2018 22:10	21.46	80.3	5.38	11.6
SR13	12/11/2018 4:15	22.16	89.4	6.72	2.1	SR13	12/11/2018 10:15	21.51	82.2	5.86	11.2	SR13	12/11/2018 16:15	21.51	82.4	5.89	9.6	SR13	12/11/2018 22:15	21.44	79.7	5.34	10.5
SR13	12/11/2018 4:20	22.14	89.2	6.70	1.9	SR13	12/11/2018 10:20	21.52	82.3	5.87	10.6	SR13	12/11/2018 16:20	21.51	81.7	5.84	10.1	SR13	12/11/2018 22:20	21.45	79.9	5.36	10.6
SR13	12/11/2018 4:25	22.12	89.8	6.74	2.1	SR13	12/11/2018 10:25	21.51	82.9	5.91	9.9	SR13	12/11/2018 16:25	21.52	82.0	5.86	9.4	SR13	12/11/2018 22:25	21.45	79.8	5.35	11.0
SR13	12/11/2018 4:30	22.12	89.4	6.72	1.7	SR13	12/11/2018 10:30	21.50	82.8	5.90	11.4	SR13	12/11/2018 16:30	21.50	82.4	5.89	9.5	SR13	12/11/2018 22:30	21.45	79.9	5.36	11.4
SR13	12/11/2018 4:35	22.12	87.8	6.59	1.6	SR13	12/11/2018 10:35	21.50	82.6	5.89	9.7	SR13	12/11/2018 16:35	21.50	82.8	5.92	10.7	SR13	12/11/2018 22:35	21.44	79.9	5.35	10.2
SR13	12/11/2018 4:40	22.13	88.4	6.65	2.2	SR13	12/11/2018 10:40	21.49	82.6	5.89	11.1	SR13	12/11/2018 16:40	21.51	82.0	5.86	11.4	SR13	12/11/2018 22:40	21.45	79.8	5.35	11.3
SR13	12/11/2018 4:45	22.12	88.5	6.64	1.7	SR13	12/11/2018 10:45	21.49	82.4	5.87	10.3	SR13	12/11/2018 16:45	21.51	81.9	5.85	9.7	SR13	12/11/2018 22:45	21.46	80.2	5.38	10.3
SR13	12/11/2018 4:50	22.12	89.7	6.74	1.9	SR13	12/11/2018 10:50	21.49	82.1	5.85	9.7	SR13	12/11/2018 16:50	21.50	83.0	5.92	11.1	SR13	12/11/2018 22:50	21.46	79.5	5.33	10.2
SR13	12/11/2018 4:55	22.11	89.8	6.75	3.1	SR13	12/11/2018 10:55	21.49	82.0	5.84	10.4	SR13	12/11/2018 16:55	21.49	79.6	5.34	11.1	SR13	12/11/2018 22:55	21.46	78.9	5.28	10.9
SR13	12/11/2018 5:00	22.11	90.1	6.76	1.9	SR13	12/11/2018 11:00	21.50	81.7	5.81	10.2	SR13	12/11/2018 17:00	21.50	79.2	5.31	10.0	SR13	12/11/2018 23:00	21.46	78.8	5.28	10.8
SR13	12/11/2018 5:05	22.11	90.3	6.78	1.9	SR13	12/11/2018 11:05	21.49	81.8	5.82	11.3	SR13	12/11/2018 17:05	21.50	79.2	5.31	11.8	SR13	12/11/2018 23:05	21.46	78.7	5.27	10.0
SR13	12/11/2018 5:10	22.10	89.3	6.71	1.9	SR13	12/11/2018 11:10	21.50	81.5	5.81	10.3	SR13	12/11/2018 17:10	21.48	80.0	5.36	9.8	SR13	12/11/2018 23:10	21.46	79.2	5.31	11.1
SR13	12/11/2018 5:15	22.11	89.4	6.71	1.2	SR13	12/11/2018 11:15	21.50	81.7	5.82	11.8	SR13	12/11/2018 17:15	21.47	80.4	5.39	10.5	SR13	12/11/2018 23:15	21.46	79.1	5.30	10.0
SR13	12/11/2018 5:20	22.10	88.6	6.65	1.6	SR13	12/11/2018 11:20	21.50	82.1	5.85	9.6	SR13	12/11/2018 17:20	21.47	80.6	5.40	9.6	SR13	12/11/2018 23:20	21.46	79.4	5.32	11.8
SR13	12/11/2018 5:25	22.11	88.8	6.67	1.9	SR13	12/11/2018 11:25	21.50	82.7	5.89	10.5	SR13	12/11/2018 17:25	21.48	80.3	5.39	9.5	SR13	12/11/2018 23:25	21.45	78.8	5.28	10.4
SR13	12/11/2018 5:30	22.11	89.2	6.70	1.6	SR13	12/11/2018 11:30	21.51	83.0	5.92	11.5	SR13	12/11/2018 17:30	21.48	80.7	5.41	10.7	SR13	12/11/2018 23:30	21.45	78.3	5.25	11.2
SR13	12/11/2018 5:35	22.11	89.5	6.72	1.9	SR13	12/11/2018 11:35	21.51	82.8	5.91	11.3	SR13	12/11/2018 17:35	21.48	80.9	5.43	9.7	SR13	12/11/2018 23:35	21.46	79.9	5.35	10.3
SR13	12/11/2018 5:40	22.11	89.8	6.75	1.5	SR13	12/11/2018 11:40	21.51	83.1	5.93	10.6	SR13	12/11/2018 17:40	21.49	80.2	5.38	11.6	SR13	12/11/2018 23:40	21.47	79.6	5.33	9.8
SR13	12/11/2018 5:45	22.12	89.3	6.71	1.5	SR13	12/11/2018 11:45	21.51	83.3	5.95	11.4	SR13	12/11/2018 17:45	21.48	80.6	5.40	10.4	SR13	12/11/2018 23:45	21.46	80.0	5.36	11.2
SR13	12/11/2018 5:50	22.11	89.7	6.74	1.9	SR13	12/11/2018 11:50	21.51	83.4	5.95	10.9	SR13	12/11/2018 17:50	21.51	79.0	5.30	10.6	SR13	12/11/2018 23:50	21.46	80.7	5.41	11.5
SR13	12/11/2018 5:55	22.10	91.3	6.85	2.6	SR13	12/11/2018 11:55	21.50	83.3	5.94	9.9	SR13	12/11/2018 17:55	21.51	79.1	5.30	9.6	SR13	12/11/2018 23:55	21.46	79.8	5.35	10.8

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	12/11/2018 0:17	0.04				SR12	12/11/2018 0:17	0.07			
SR4	12/11/2018 0:37	0.03				SR12	12/11/2018 0:37	0.03			
SR4	12/11/2018 0:57	0.05				SR12	12/11/2018 0:57	0.03			
SR4	12/11/2018 1:17	0.04				SR12	12/11/2018 1:17	0.03			
SR4	12/11/2018 1:37	0.03				SR12	12/11/2018 1:37	0.03			
SR4	12/11/2018 1:57	0.05				SR12	12/11/2018 1:57	0.04			
SR4	12/11/2018 2:17	0.03				SR12	12/11/2018 2:17	0.04			
SR4	12/11/2018 2:37	0.04				SR12	12/11/2018 2:37	0.06			
SR4	12/11/2018 2:57	0.04				SR12	12/11/2018 2:57	0.04			
SR4	12/11/2018 3:17	0.06				SR12	12/11/2018 3:17	0.05			
SR4	12/11/2018 3:37	0.05				SR12	12/11/2018 3:37	0.05			
SR4	12/11/2018 3:57	0.05				SR12	12/11/2018 3:57	0.04			
SR4	12/11/2018 4:17	0.05				SR12	12/11/2018 4:17	0.04			
SR4	12/11/2018 4:37	0.03				SR12	12/11/2018 4:37	0.01			
SR4	12/11/2018 4:57	0.03				SR12	12/11/2018 4:57	0.08			
SR4	12/11/2018 5:17	0.03				SR12	12/11/2018 5:17	0.06			
SR4	12/11/2018 5:37	0.05				SR12	12/11/2018 5:37	0.04			
SR4	12/11/2018 5:57	0.05				SR12	12/11/2018 5:57	0.06			
SR4						SR12					
SR4	12/11/2018 6:37	0.04				SR12	12/11/2018 6:37	0.06			
SR4	12/11/2018 6:57	0.04				SR12	12/11/2018 6:57	0.05			
SR4	12/11/2018 7:17	0.04				SR12	12/11/2018 7:17	0.06			
SR4	12/11/2018 7:37	0.05				SR12	12/11/2018 7:37	0.03			
SR4	12/11/2018 7:57	0.04				SR12	12/11/2018 7:57	0.03			
SR4	12/11/2018 8:17	0.06				SR12	12/11/2018 8:17	0.05			
SR4	12/11/2018 8:37	0.03				SR12	12/11/2018 8:37	0.04			
SR4	12/11/2018 8:57	0.06				SR12	12/11/2018 8:57	0.05			
SR4	12/11/2018 9:17	0.04				SR12	12/11/2018 9:17	0.05			
SR4	12/11/2018 9:37	0.06				SR12	12/11/2018 9:37	0.05			
SR4	12/11/2018 9:57	0.04				SR12	12/11/2018 9:57	0.04			
SR4	12/11/2018 10:17	0.06				SR12	12/11/2018 10:17	0.05			
SR4	12/11/2018 10:37	0.06				SR12	12/11/2018 10:37	0.04			
SR4	12/11/2018 10:57	0.06				SR12	12/11/2018 10:57	0.08			
SR4	12/11/2018 11:17	0.05				SR12	12/11/2018 11:17	0.03			
SR4	12/11/2018 11:37	0.04				SR12	12/11/2018 11:37	0.03			
SR4	12/11/2018 11:57	0.04				SR12	12/11/2018 11:57	0.05			
SR4	12/11/2018 12:17	0.03				SR12	12/11/2018 12:17	0.04			
SR4	12/11/2018 12:37	0.06				SR12	12/11/2018 12:37	0.02			
SR4	12/11/2018 12:57	0.03				SR12	12/11/2018 12:57	0.05			
SR4	12/11/2018 13:17	0.05				SR12	12/11/2018 13:17	0.04			
SR4	12/11/2018 13:37	0.03				SR12	12/11/2018 13:37	0.03			
SR4	12/11/2018 13:57	0.04				SR12	12/11/2018 13:57	0.03			
SR4	12/11/2018 14:17	0.05				SR12	12/11/2018 14:17	0.03			
SR4	12/11/2018 14:37	0.04				SR12	12/11/2018 14:37	0.03			
SR4	12/11/2018 14:57	0.06				SR12	12/11/2018 14:57	0.02			
SR4	12/11/2018 15:17	0.04				SR12	12/11/2018 15:17	0.03			
SR4	12/11/2018 15:37	0.05				SR12	12/11/2018 15:37	0.04			
SR4	12/11/2018 15:57	0.03				SR12	12/11/2018 15:57	0.06			
SR4	12/11/2018 16:17	0.03				SR12	12/11/2018 16:17	0.07			
SR4	12/11/2018 16:37	0.03				SR12	12/11/2018 16:37	0.04			
SR4	12/11/2018 16:57	0.03				SR12	12/11/2018 16:57	0.03			
SR4	12/11/2018 17:17	0.05				SR12	12/11/2018 17:17	0.05			
SR4	12/11/2018 17:37	0.05				SR12	12/11/2018 17:37	0.04			
SR4	12/11/2018 17:57	0.04				SR12	12/11/2018 17:57	0.07			
SR4	12/11/2018 18:17	0.03				SR12	12/11/2018 18:17	0.07			
SR4	12/11/2018 18:37	0.05				SR12	12/11/2018 18:37	0.05			
SR4	12/11/2018 18:57	0.04				SR12	12/11/2018 18:57	0.07			
SR4	12/11/2018 19:17	0.03				SR12	12/11/2018 19:17	0.06			
SR4	12/11/2018 19:37	0.03				SR12	12/11/2018 19:37	0.09			
SR4	12/11/2018 19:57	0.04				SR12	12/11/2018 19:57	0.03			
SR4	12/11/2018 20:17	0.06				SR12	12/11/2018 20:17	0.07			
SR4	12/11/2018 20:37	0.05				SR12	12/11/2018 20:37	0.06			
SR4	12/11/2018 20:57	0.05				SR12	12/11/2018 20:57	0.04			
SR4	12/11/2018 21:17	0.07				SR12	12/11/2018 21:17	0.07			
SR4	12/11/2018 21:37	0.04				SR12	12/11/2018 21:37	0.07			
SR4	12/11/2018 21:57	0.07				SR12	12/11/2018 21:57	0.03			
SR4	12/11/2018 22:17	0.06				SR12	12/11/2018 22:17	0.08			
SR4	12/11/2018 22:37	0.07				SR12	12/11/2018 22:37	0.05			
SR4	12/11/2018 22:57	0.05				SR12	12/11/2018 22:57	0.02			
SR4	12/11/2018 23:17	0.07				SR12	12/11/2018 23:17	0.05			
SR4	12/11/2018 23:37	0.07				SR12	12/11/2018 23:37	0.03			
SR4	12/11/2018 23:57	0.05				SR12	12/11/2018 23:57	0.03			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.
SR5 monitoring station was under maintenance during 12:15-12:40.

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/12/2018 0:01	21.71	79.6	5.79	1.2	SR4	12/12/2018 6:01	21.62	75.5	5.50	3.8	SR4	12/12/2018 12:01	21.42	80.5	5.89	3.9	SR4	12/12/2018 18:01	21.42	80.3	5.87	2.4
SR4	12/12/2018 0:06	21.71	81.6	5.93	4.1	SR4	12/12/2018 6:06	21.62	73.4	5.35	2.6	SR4	12/12/2018 12:06	21.44	80.7	5.90	4.1	SR4	12/12/2018 18:06	21.40	81.3	5.94	2.3
SR4	12/12/2018 0:11	21.71	81.2	5.90	4.0	SR4	12/12/2018 6:11	21.52	71.2	5.20	7.2	SR4	12/12/2018 12:11	21.42	80.4	5.88	4.6	SR4	12/12/2018 18:11	21.40	82.0	6.00	3.3
SR4	12/12/2018 0:16	21.71	80.8	5.87	1.5	SR4	12/12/2018 6:16	21.59	71.4	5.20	4.0	SR4	12/12/2018 12:16	21.39	80.5	5.89	4.0	SR4	12/12/2018 18:16	21.39	81.9	5.99	3.0
SR4	12/12/2018 0:21	21.71	80.4	5.84	1.4	SR4	12/12/2018 6:21	21.61	73.5	5.35	3.4	SR4	12/12/2018 12:21	21.38	80.3	5.88	4.4	SR4	12/12/2018 18:21	21.38	81.3	5.95	2.6
SR4	12/12/2018 0:26	21.71	80.5	5.85	4.9	SR4	12/12/2018 6:26	21.58	75.8	5.95	2.3	SR4	12/12/2018 12:26	21.42	78.8	5.77	3.4	SR4	12/12/2018 18:26	21.41	82.1	6.00	2.8
SR4	12/12/2018 0:31	21.71	80.9	5.88	4.7	SR4	12/12/2018 6:31	21.60	75.3	6.01	2.7	SR4	12/12/2018 12:31	21.44	80.1	5.85	2.7	SR4	12/12/2018 18:31	21.39	81.8	5.98	2.4
SR4	12/12/2018 0:36	21.71	80.8	5.88	4.8	SR4	12/12/2018 6:36	21.56	75.0	5.47	4.6	SR4	12/12/2018 12:36	21.44	80.4	5.87	2.7	SR4	12/12/2018 18:36	21.38	81.4	5.96	1.7
SR4	12/12/2018 0:41	21.71	80.1	5.83	3.9	SR4	12/12/2018 6:41	21.53	78.1	6.16	3.0	SR4	12/12/2018 12:41	21.42	79.8	5.84	2.8	SR4	12/12/2018 18:41	21.37	81.9	5.99	2.1
SR4	12/12/2018 0:46	21.71	81.8	5.94	3.2	SR4	12/12/2018 6:46	21.54	78.7	5.74	5.1	SR4	12/12/2018 12:46	21.39	80.7	5.91	3.5	SR4	12/12/2018 18:46	21.37	82.0	6.00	2.9
SR4	12/12/2018 0:51	21.71	80.7	5.87	3.2	SR4	12/12/2018 6:51	21.54	78.6	5.73	1.0	SR4	12/12/2018 12:51	21.39	80.5	5.89	2.6	SR4	12/12/2018 18:51	21.39	81.3	5.95	2.4
SR4	12/12/2018 0:56	21.71	82.1	5.97	4.0	SR4	12/12/2018 6:56	21.41	79.5	5.91	5.4	SR4	12/12/2018 12:56	21.41	80.2	5.87	3.4	SR4	12/12/2018 18:56	21.38	81.3	5.95	2.4
SR4	12/12/2018 1:01	21.70	82.0	5.96	5.2	SR4	12/12/2018 7:01	21.39	80.1	6.45	5.1	SR4	12/12/2018 13:01	21.44	80.2	5.87	3.0	SR4	12/12/2018 19:01	21.35	81.5	5.96	2.2
SR4	12/12/2018 1:06	21.69	81.7	5.94	5.3	SR4	12/12/2018 7:06	21.42	80.0	6.12	1.5	SR4	12/12/2018 13:06	21.42	78.8	5.76	1.9	SR4	12/12/2018 19:06	21.40	81.9	5.99	2.8
SR4	12/12/2018 1:11	21.69	81.8	5.95	1.5	SR4	12/12/2018 7:11	21.46	72.8	5.34	1.9	SR4	12/12/2018 13:11	21.41	79.6	5.82	1.8	SR4	12/12/2018 19:11	21.40	81.6	5.97	3.3
SR4	12/12/2018 1:16	21.68	79.8	5.80	4.0	SR4	12/12/2018 7:16	21.51	77.3	5.64	1.1	SR4	12/12/2018 13:16	21.48	79.2	5.78	3.5	SR4	12/12/2018 19:16	21.40	81.0	5.93	3.2
SR4	12/12/2018 1:21	21.69	78.8	5.73	4.2	SR4	12/12/2018 7:21	21.54	81.7	5.96	1.9	SR4	12/12/2018 13:21	21.49	80.1	5.85	3.1	SR4	12/12/2018 19:21	21.39	81.3	5.94	2.6
SR4	12/12/2018 1:26	21.69	81.1	5.90	2.8	SR4	12/12/2018 7:26	21.54	82.4	6.01	1.6	SR4	12/12/2018 13:26	21.48	80.8	5.91	4.1	SR4	12/12/2018 19:26	21.40	80.8	5.91	2.4
SR4	12/12/2018 1:31	21.69	81.8	5.95	3.3	SR4	12/12/2018 7:31	21.55	83.4	6.08	4.1	SR4	12/12/2018 13:31	21.46	80.5	5.88	5.2	SR4	12/12/2018 19:31	21.41	81.0	5.92	2.7
SR4	12/12/2018 1:36	21.68	81.6	5.94	4.8	SR4	12/12/2018 7:36	21.55	85.7	7.14	5.3	SR4	12/12/2018 13:36	21.47	80.6	5.89	6.4	SR4	12/12/2018 19:36	21.39	80.6	5.89	2.5
SR4	12/12/2018 1:41	21.69	80.6	5.87	4.6	SR4	12/12/2018 7:41	21.55	86.0	7.40	2.2	SR4	12/12/2018 13:41	21.47	80.5	5.89	4.7	SR4	12/12/2018 19:41	21.40	80.9	5.91	2.6
SR4	12/12/2018 1:46	21.69	80.5	5.86	1.3	SR4	12/12/2018 7:46	21.47	84.7	6.57	1.2	SR4	12/12/2018 13:46	21.46	80.6	5.89	5.6	SR4	12/12/2018 19:46	21.39	80.2	5.86	3.1
SR4	12/12/2018 1:51	21.68	80.8	5.88	2.3	SR4	12/12/2018 7:51	21.53	84.0	6.12	2.1	SR4	12/12/2018 13:51	21.46	80.7	5.90	6.7	SR4	12/12/2018 19:51	21.42	79.2	5.79	2.5
SR4	12/12/2018 1:56	21.68	80.0	5.82	1.9	SR4	12/12/2018 7:56	21.44	80.8	5.90	1.4	SR4	12/12/2018 13:56	21.47	81.0	5.92	4.1	SR4	12/12/2018 19:56	21.42	78.6	5.74	1.6
SR4	12/12/2018 2:01	21.67	80.2	5.84	4.4	SR4	12/12/2018 8:01	21.47	81.5	5.95	2.0	SR4	12/12/2018 14:01	21.46	80.7	5.90	4.5	SR4	12/12/2018 20:01	21.40	79.8	5.84	2.8
SR4	12/12/2018 2:06	21.68	80.0	5.82	1.5	SR4	12/12/2018 8:06	21.49	82.7	6.04	2.5	SR4	12/12/2018 14:06	21.47	80.4	5.88	3.6	SR4	12/12/2018 20:06	21.40	79.1	5.79	1.9
SR4	12/12/2018 2:11	21.68	78.9	5.74	4.7	SR4	12/12/2018 8:11	21.46	83.3	6.08	1.1	SR4	12/12/2018 14:11	21.45	80.8	5.91	4.3	SR4	12/12/2018 20:11	21.41	80.3	5.87	2.7
SR4	12/12/2018 2:16	21.67	78.7	5.73	5.1	SR4	12/12/2018 8:16	21.51	82.8	6.04	3.6	SR4	12/12/2018 14:16	21.46	80.8	5.91	4.1	SR4	12/12/2018 20:16	21.40	79.3	5.80	1.7
SR4	12/12/2018 2:21	21.67	78.3	5.70	3.2	SR4	12/12/2018 8:21	21.46	82.6	6.03	5.5	SR4	12/12/2018 14:21	21.47	80.8	5.90	4.5	SR4	12/12/2018 20:21	21.39	78.3	5.73	1.5
SR4	12/12/2018 2:26	21.64	78.1	5.68	3.7	SR4	12/12/2018 8:26	21.45	82.5	6.03	3.8	SR4	12/12/2018 14:26	21.47	80.2	5.86	3.4	SR4	12/12/2018 20:26	21.40	79.8	5.84	1.7
SR4	12/12/2018 2:31	21.66	78.6	5.72	2.8	SR4	12/12/2018 8:31	21.50	82.2	6.00	4.2	SR4	12/12/2018 14:31	21.46	79.1	5.78	3.3	SR4	12/12/2018 20:31	21.39	81.2	5.94	2.3
SR4	12/12/2018 2:36	21.66	78.3	5.70	2.3	SR4	12/12/2018 8:36	21.46	82.2	6.00	3.0	SR4	12/12/2018 14:36	21.45	79.8	5.83	2.9	SR4	12/12/2018 20:36	21.39	80.8	5.91	2.2
SR4	12/12/2018 2:41	21.67	77.0	5.61	4.7	SR4	12/12/2018 8:41	21.42	82.1	6.00	2.5	SR4	12/12/2018 14:41	21.45	80.3	5.87	2.9	SR4	12/12/2018 20:41	21.38	80.4	5.88	2.2
SR4	12/12/2018 2:46	21.65	79.3	5.77	3.8	SR4	12/12/2018 8:46	21.39	82.6	6.04	2.2	SR4	12/12/2018 14:46	21.47	80.3	5.87	3.5	SR4	12/12/2018 20:46	21.38	78.8	5.76	1.3
SR4	12/12/2018 2:51	21.65	78.0	5.68	2.8	SR4	12/12/2018 8:51	21.42	82.8	6.05	2.7	SR4	12/12/2018 14:51	21.47	80.2	5.86	3.3	SR4	12/12/2018 20:51	21.37	76.9	5.63	1.6
SR4	12/12/2018 2:56	21.66	76.5	5.57	2.4	SR4	12/12/2018 8:56	21.50	83.7	6.11	3.3	SR4	12/12/2018 14:56	21.45	80.0	5.85	2.6	SR4	12/12/2018 20:56	21.40	79.4	5.81	2.1
SR4	12/12/2018 3:01	21.64	78.0	5.68	1.4	SR4	12/12/2018 9:01	21.43	83.7	6.11	2.1	SR4	12/12/2018 15:01	21.46	79.4	5.80	2.6	SR4	12/12/2018 21:01	21.38	78.4	5.74	1.5
SR4	12/12/2018 3:06	21.67	74.7	5.44	4.7	SR4	12/12/2018 9:06	21.49	84.0	6.13	2.1	SR4	12/12/2018 15:06	21.46	78.4	5.73	1.9	SR4	12/12/2018 21:06	21.38	78.9	5.77	3.4
SR4	12/12/2018 3:11	21.64	77.4	5.63	2.2	SR4	12/12/2018 9:11	21.48	83.7	6.11	1.8	SR4	12/12/2018 15:11	21.43	79.9	5.84	4.6	SR4	12/12/2018 21:11	21.36	79.8	5.84	1.7
SR4	12/12/2018 3:16	21.64	77.5	5.64	4.1	SR4	12/12/2018 9:16	21.32	83.2	6.09	1.9	SR4	12/12/2018 15:16	21.44	80.5	5.89	3.4	SR4	12/12/2018 21:16	21.36	76.4	5.59	1.3
SR4	12/12/2018 3:21	21.63	78.7	5.73	5.1	SR4	12/12/2018 9:21	21.35	82.7	6.05	4.4	SR4	12/12/2018 15:21	21.43	79.8	5.84	2.1	SR4	12/12/2018 21:21	21.39	78.5	5.74	3.7
SR4	12/12/2018 3:26	21.67	77.1	5.61	4.5	SR4	12/12/2018 9:26	21.39	83.0	6.07	1.2	SR4	12/12/2018 15:26	21.45	78.0	5.70	1.7	SR4	12/12/2018 21:26	21.37	76.6	5.60	3.3
SR4	12/12/2018 3:31	21.63	79.4	5.78	2.1	SR4	12/12/2018 9:31	21.36	83.0	6.07	1.2	SR4	12/12/2018 15:31	21.44	79.4	5.81	2.1	SR4	12/12/2018 21:31	21.41	79.1	5.78	5.0
SR4	12/12/2018 3:36	21.63	79.3	5.77	4.3	SR4	12/12/2018 9:36	21.35	82.9	6.07	1.5	SR4	12/12/2018 15:36	21.41	79.3	5.80	3.1	SR4	12/12/2018 21:36	21.41	80.8	5.91	2.8
SR4	12/12/2018 3:41	21.66	77.6	5.65	2.1	SR4	12/12/2018 9:41	21.33	82.9	6.07	1.8	SR4	12/12/2018 15:41	21.43	80.0	5.85	3.5	SR4	12/12/2018 21:41	21.40	80.7	5.90	2.4
SR4	12/12/2018 3:46	21.62	78.7	5.73	2.8	SR4	12/12/2018 9:46	21.30	82.7	6.05	1.0	SR4	12/12/2018 15:46	21.43	79.3	5.80	2.9	SR4	12/12/2018 21:46	21.39	79.9	5.85	2.5
SR4	12/12/2018 3:51	21.60	78.8	5.74	1.9	SR4	12/12/2018 9:51	21.29	82.5	6.05	1.9	SR4	12/12/2018 15:51	21.43	79.4	5.80	2.0	SR4	12/12/2018 21:51	21.40	80.4	5.88	3.5
SR4	12/12/2018 3:56	21.60	78.8	5.74	3.9	SR4	12/12/2018 9:56	21.38	81.7	5.98	1.1	SR4	12/12/2018 15:56	21.43	80.2	5.86	3.8	SR4	12/12/2018 21:56	21.40	81.8	5.98	2.3
SR4	12/12/2018 4:01	21.61	78.8	5.74	1.9	SR4	12/12/2018 10:01	21.33	82.0	6.00	3.7	SR4	12/12/2018 16:01	21.42	79.5	5.81	2.0	SR4	12/12/2018 22:01	21.40	81.8	5.98	2.7
SR4	12/12/2018 4:06	21.60	78.3	5.71	2.9	SR4	12/12/2018 10:06	21.37	81.2	5.94	1.1	SR4	12/12/2018 16:06	21.41	79.1	5.78	2.0	SR4	12/12/2018 22:06	21.40	81.9	5.99	2.7
SR4	12/12/2018 4:11	21.57	78.5	5.72	4.9	SR4	12/12/2018 10:11	21.36	80.9	5.92	3.0	SR4	12/12/2018 16:11	21.43	78.9	5.77	2.6	SR4	12/12/2018 22:11	21.39	81.6	5.97	3.2
SR4	12/12/2018 4:16	21.57	78.5	5.73	4.3	SR4	12/12/2018 10:16	21.37	80.1	5.86	3.1	SR4	12/12/2018 16:16	21.46	80.4	5.88	5.5	SR4	12/12/2018 22:16	21.38	80.4	5.88	2.4
SR4	12/12/2018 4:21	21.59	78.6	5.73	3.9	SR4	12/12/2018 10:21	21.36	81.3	5.95	2.5	SR4	12/12/2018 16:21	21.46	80.5	5.88	3.9	SR4	12/12/2018 22:21	21.35	80.4	5.89	1.8
SR4	12/12/2018 4:26	21.58	77.9	5.68	1.5	SR4	12/12/2018 10:26	21.34	82.2	6.02	2.5	SR4	12/12/2018 16:26	21.45	81.0	5.92	3.6	SR4	12/12/2018 22:26	21.38	80.0	5.85	1.8
SR4	12/12/2018 4:31	21.60	77.8	5.67	3.5	SR4	12/12/2018 10:31	21.22	81.9	6.02	3.4	SR4	12/12/2018 16:31	21.45	81.0	5.92	4.1	SR4	12/12/2018 22:31	21.40	81.8	5.98	2.0
SR4	12/12/2018 4:36	21.59	77.0	5.61	1.8	SR4	12/12/2018 10:36	21.30	81.3	5.98	5.6	SR4	12/12/2018 16:36	21.47	81.1	5.92	2.6	SR4	12/12/2018 22:36	21.40	81.5	5.96	3.0
SR4	12/12/2018 4:41	21.54	73.8	5.39	4.8	SR4						SR4	12/12/2018 16:41	21.47	82.3	6.01	4.8	SR4	12/12/2018 22:41	21.40	80.7	5.90	2.9
SR4	12/12/2018 4:46	21.52	74.4	5.43	4.6	SR4						SR4	12/12/2018 16:46	21.49	81.0	5.91	3.0	SR4	12/12/2018 22:46	21.40	81.2	5.94	3.8
SR4	12/12/2018 4:51	21.63	77.6	5.66	2.0	SR4						SR4	12/12/2018 16:51	21.48	81.6	5.96	4.6	SR4	12/12/2018 22:51	21.40	82.0	5.99	3.3
SR4	12/12/2018 4:56	21.58	77.5	5.65	2.5	SR4						SR4	12/12/2018 16:56	21.47	80.0	5.85	3.5	SR4	12/12/2018 22:56	21.40	81.3	5.94	3.1
SR4	12/12/2018 5:01	21.64	77.3	5.63	4.8	SR4						SR4	12/12/2018 17:01	21.46	79.5	5.81	4.4	SR4	12/12/2018 23:01	21.38	82.2	6.01	2.1
SR4	12/12/2018 5:06	21.64	77.0	5.61	2.7	SR4						SR4	12/12/2018 17:06	21.45	79.0	5.77	3.6	SR4	12/12/2018 23:06	21.39	81.9	5.99	2.3
SR4	12/12/2018 5:11	21.64	73.6	5.36	1.8	SR4						SR4	12/12/2018 17:11	21.48	78.8	5.76	3.7	SR4	12/12/2018 23:11	21.39	81.8	5.98	2.9
SR4	12/12/2018 5:16	21.73	69.5	5.06	5.1	SR4						SR4	12/12/2018 17:16	21.47	81.3	5.94	2.9	SR4	12/12/2018 23:16	21.39	82.2	6.01	4.7
SR4	12/12/2018 5:21	21.71	72.1	5.25	3.4	SR4						SR4	12/12/2018 17:21	21.46	81.9	5.99	2.8	SR4	12/12/2018 23:21	21.39	81.5	5.96	2.5
SR4	12/12/2018 5:26	21.59	77.0	5.61	4.4	SR4						SR4	12/12/2018 17:26	21.46	81.2	5.93	2.8	SR4	12/12/2018 23:26	21.39	81.5	5.95	2.4
SR4	12/12/2018 5:31	21.58	77.7	5.66	1.3	SR4						SR4	12/12/2018 17:31	21.46	79.9	5.84	1.9	SR4	12/12/2018 23:31	21.36	82.4	6.02	2.0
SR4	12/12/2018 5:36	21.62	72.8	5.30	5.3	SR4						SR4	12/12/2018 17:36	21.43	81.4	5.95	2.7	SR4	12/12/2018 23:36	21.39	80.8	5.91	2.2
SR4	12/12/2018 5:41	21.63	74.0	5.39	2.3	SR4	12/12/2018 11:41	22.43	82.6	6.07	3.3	SR4	12/12/2018 17:41	21.45	81.1	5.93	2.3	SR4	12/12/2018 23:41	21.39	82.4	6.02	2.4
SR4	12/12/2018 5:46	21.58	77.8	5.67	2.5	SR4	12/12/2018 11:46	22.43	82.4	6.06	2.9	SR4	12/12/2018 17:46	21.39	81.3	5.95	3.6	SR4	12/12/2018 23:46	21.39	82.3	6.01	2.5
SR4	12/12/2018 5:51	21.66	66.8	4.87	2.0	SR4	12/12/2018 11:51	21.43	80.9	5.91	4.4	SR4	12/12/2018 17:51	21.41	80.7	5.90	2.6	SR4	12/12/2018 23:51	21.39	82.7	6.05	3.0
SR4	12/12/2018 5:56	21.63	72.8	5.31	4.6	SR4	12/12/2018 11:56	21.44	80.7	5.90	4.2	SR4	12/12/2018 17:56	21.40	79.6	5.83	3.4	SR4	12/12/2018 23:56	21.39	81.4	5.95	2.4

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/12/2018 0:00	21.92	89.7	6.46	3.2	SR5	12/12/2018 6:00	22.01	87.5	6.31	3.2	SR5	12/12/2018 12:00	21.99	89.5	6.44	4.3	SR5	12/12/2018 18:00	21.98	89.0	6.40	2.0
SR5	12/12/2018 0:05	21.90	90.1	6.49	3.2	SR5	12/12/2018 6:05	22.02	87.2	6.29	4.0	SR5	12/12/2018 12:05	21.98	87.8	6.32	4.0	SR5	12/12/2018 18:05	21.99	89.7	6.45	3.6
SR5	12/12/2018 0:10	21.95	87.1	6.27	2.2	SR5	12/12/2018 6:10	21.99	86.6	6.24	4.1	SR5	12/12/2018 12:10	21.99	89.8	6.46	4.6	SR5	12/12/2018 18:10	21.98	90.4	6.50	2.7
SR5	12/12/2018 0:15	21.91	88.3	6.36	3.8	SR5	12/12/2018 6:15	22.00	88.5	6.38	2.8	SR5	12/12/2018 12:15	22.00	87.8	6.31	3.2	SR5	12/12/2018 18:15	22.01	90.2	6.49	2.6
SR5	12/12/2018 0:20	21.94	89.7	6.46	2.5	SR5	12/12/2018 6:20	21.98	88.0	6.34	2.9	SR5	12/12/2018 12:20	21.99	91.2	6.56	2.9	SR5	12/12/2018 18:20	21.96	88.8	6.39	3.2
SR5	12/12/2018 0:25	21.94	88.2	6.35	3.0	SR5	12/12/2018 6:25	22.02	89.7	6.57	3.1	SR5	12/12/2018 12:25	22.00	91.2	6.56	2.5	SR5	12/12/2018 18:25	22.00	91.2	6.56	3.4
SR5	12/12/2018 0:30	21.90	90.1	6.49	3.8	SR5	12/12/2018 6:30	21.99	86.3	6.35	3.9	SR5	12/12/2018 12:30	22.01	90.7	6.53	2.0	SR5	12/12/2018 18:30	22.02	91.0	6.55	3.2
SR5	12/12/2018 0:35	21.95	87.7	6.31	3.7	SR5	12/12/2018 6:35	21.99	88.6	6.39	3.5	SR5	12/12/2018 12:35	22.02	88.9	6.39	1.5	SR5	12/12/2018 18:35	21.97	91.7	6.60	1.8
SR5	12/12/2018 0:40	21.90	89.1	6.41	4.1	SR5	12/12/2018 6:40	21.99	87.6	6.44	3.2	SR5	12/12/2018 12:40	21.99	88.4	6.36	2.7	SR5	12/12/2018 18:40	21.97	92.0	6.62	2.9
SR5	12/12/2018 0:45	21.90	90.8	6.59	3.0	SR5	12/12/2018 6:45	21.99	88.6	6.39	2.5	SR5	12/12/2018 12:45	21.98	88.9	6.40	2.8	SR5	12/12/2018 18:45	22.01	90.0	6.47	3.7
SR5	12/12/2018 0:50	21.93	89.6	6.52	3.5	SR5	12/12/2018 6:50	22.01	90.4	6.52	2.1	SR5	12/12/2018 12:50	22.00	91.4	6.57	2.6	SR5	12/12/2018 18:50	21.99	89.2	6.42	2.2
SR5	12/12/2018 0:55	21.91	90.1	6.49	3.2	SR5	12/12/2018 6:55	21.94	88.9	6.44	4.3	SR5	12/12/2018 12:55	21.98	88.0	6.33	2.0	SR5	12/12/2018 18:55	22.01	91.3	6.57	2.6
SR5	12/12/2018 1:00	21.88	89.8	6.52	2.3	SR5	12/12/2018 7:00	21.93	88.0	6.50	3.6	SR5	12/12/2018 13:00	22.02	88.6	6.37	3.8	SR5	12/12/2018 19:00	21.95	89.4	6.44	3.5
SR5	12/12/2018 1:05	21.94	90.6	6.53	4.1	SR5	12/12/2018 7:05	21.97	88.2	6.43	2.7	SR5	12/12/2018 13:05	21.99	89.1	6.41	2.2	SR5	12/12/2018 19:05	21.97	92.4	6.65	3.4
SR5	12/12/2018 1:10	21.92	90.1	6.49	1.6	SR5	12/12/2018 7:10	21.95	87.7	6.33	3.3	SR5	12/12/2018 13:10	22.00	88.0	6.33	1.9	SR5	12/12/2018 19:10	22.01	91.5	6.58	3.1
SR5	12/12/2018 1:15	21.90	89.6	6.47	4.4	SR5	12/12/2018 7:15	21.95	90.0	6.49	2.7	SR5	12/12/2018 13:15	21.98	87.7	6.31	4.6	SR5	12/12/2018 19:15	22.00	89.6	6.45	1.9
SR5	12/12/2018 1:20	21.87	90.4	6.58	3.3	SR5	12/12/2018 7:20	22.01	89.1	6.43	3.5	SR5	12/12/2018 13:20	22.00	88.0	6.33	2.6	SR5	12/12/2018 19:20	22.00	92.2	6.63	2.7
SR5	12/12/2018 1:25	21.91	88.2	6.39	3.2	SR5	12/12/2018 7:25	21.97	91.2	6.58	1.6	SR5	12/12/2018 13:25	22.01	89.2	6.42	4.2	SR5	12/12/2018 19:25	21.96	90.4	6.51	2.4
SR5	12/12/2018 1:30	21.91	88.8	6.40	2.6	SR5	12/12/2018 7:30	22.02	91.1	6.57	2.0	SR5	12/12/2018 13:30	22.00	88.2	6.35	4.1	SR5	12/12/2018 19:30	21.98	89.6	6.44	1.5
SR5	12/12/2018 1:35	21.93	91.0	6.55	2.3	SR5	12/12/2018 7:35	22.01	90.6	6.75	2.6	SR5	12/12/2018 13:35	22.01	90.3	6.49	3.3	SR5	12/12/2018 19:35	22.00	91.1	6.56	1.9
SR5	12/12/2018 1:40	21.91	89.3	6.44	3.1	SR5	12/12/2018 7:40	22.00	92.1	6.92	3.3	SR5	12/12/2018 13:40	22.01	90.0	6.47	4.2	SR5	12/12/2018 19:40	21.97	91.1	6.55	4.2
SR5	12/12/2018 1:45	21.91	88.4	6.37	1.9	SR5	12/12/2018 7:45	22.00	89.8	6.57	3.7	SR5	12/12/2018 13:45	22.03	88.9	6.39	3.9	SR5	12/12/2018 19:45	21.95	89.1	6.41	1.9
SR5	12/12/2018 1:50	21.92	88.8	6.40	2.9	SR5	12/12/2018 7:50	22.00	91.9	6.62	3.8	SR5	12/12/2018 13:50	21.99	90.5	6.51	3.4	SR5	12/12/2018 19:50	21.99	90.1	6.48	3.2
SR5	12/12/2018 1:55	21.89	90.2	6.61	1.9	SR5	12/12/2018 7:55	21.99	88.9	6.41	2.8	SR5	12/12/2018 13:55	22.01	89.4	6.43	3.1	SR5	12/12/2018 19:55	22.00	90.4	6.50	3.3
SR5	12/12/2018 2:00	21.89	89.1	6.56	3.3	SR5	12/12/2018 8:00	22.00	88.6	6.39	3.4	SR5	12/12/2018 14:00	22.03	91.1	6.55	2.0	SR5	12/12/2018 20:00	21.97	88.9	6.39	2.9
SR5	12/12/2018 2:05	21.88	91.4	6.63	2.9	SR5	12/12/2018 8:05	21.98	90.9	6.56	3.4	SR5	12/12/2018 14:05	22.02	90.6	6.52	3.7	SR5	12/12/2018 20:05	21.99	88.6	6.38	3.0
SR5	12/12/2018 2:10	21.91	90.9	6.55	4.1	SR5	12/12/2018 8:10	22.00	89.1	6.43	2.5	SR5	12/12/2018 14:10	22.00	88.1	6.34	3.8	SR5	12/12/2018 20:10	22.01	91.4	6.58	2.6
SR5	12/12/2018 2:15	21.87	88.0	6.35	2.5	SR5	12/12/2018 8:15	22.02	89.0	6.43	3.4	SR5	12/12/2018 14:15	22.02	90.7	6.52	3.8	SR5	12/12/2018 20:15	22.00	89.7	6.46	2.9
SR5	12/12/2018 2:20	21.90	87.5	6.31	3.2	SR5	12/12/2018 8:20	21.99	88.5	6.40	4.6	SR5	12/12/2018 14:20	22.03	90.7	6.53	3.0	SR5	12/12/2018 20:20	21.97	89.9	6.47	2.1
SR5	12/12/2018 2:25	21.91	89.0	6.41	2.6	SR5	12/12/2018 8:25	21.98	88.7	6.41	4.7	SR5	12/12/2018 14:25	22.00	91.0	6.54	3.1	SR5	12/12/2018 20:25	22.00	89.3	6.42	3.8
SR5	12/12/2018 2:30	21.86	88.9	6.40	3.6	SR5	12/12/2018 8:30	22.00	88.8	6.42	3.4	SR5	12/12/2018 14:30	21.98	87.6	6.30	3.6	SR5	12/12/2018 20:30	21.96	91.3	6.57	3.1
SR5	12/12/2018 2:35	21.91	90.1	6.49	2.3	SR5	12/12/2018 8:35	21.98	89.6	6.48	2.8	SR5	12/12/2018 14:35	22.00	90.9	6.54	1.8	SR5	12/12/2018 20:35	21.97	88.5	6.37	2.8
SR5	12/12/2018 2:40	21.88	89.6	6.45	2.8	SR5	12/12/2018 8:40	21.99	90.3	6.53	4.6	SR5	12/12/2018 14:40	21.98	89.3	6.42	4.2	SR5	12/12/2018 20:40	21.99	90.6	6.51	2.9
SR5	12/12/2018 2:45	21.91	89.2	6.43	2.4	SR5	12/12/2018 8:45	22.00	88.4	6.39	2.1	SR5	12/12/2018 14:45	22.03	89.6	6.44	3.1	SR5	12/12/2018 20:45	21.97	90.3	6.49	3.5
SR5	12/12/2018 2:50	21.87	90.2	6.50	3.6	SR5	12/12/2018 8:50	21.97	89.1	6.44	3.2	SR5	12/12/2018 14:50	22.00	88.9	6.40	3.6	SR5	12/12/2018 20:50	21.97	90.5	6.51	2.0
SR5	12/12/2018 2:55	21.91	87.3	6.29	3.3	SR5	12/12/2018 8:55	22.01	89.6	6.47	3.9	SR5	12/12/2018 14:55	22.02	89.4	6.43	3.3	SR5	12/12/2018 20:55	21.99	88.9	6.40	2.6
SR5	12/12/2018 3:00	21.89	88.2	6.36	2.5	SR5	12/12/2018 9:00	22.00	89.8	6.49	4.1	SR5	12/12/2018 15:00	21.99	89.7	6.45	3.2	SR5	12/12/2018 21:00	21.97	90.8	6.53	1.4
SR5	12/12/2018 3:05	21.90	89.3	6.43	2.9	SR5	12/12/2018 9:05	22.00	88.5	6.40	2.0	SR5	12/12/2018 15:05	22.01	90.3	6.50	2.0	SR5	12/12/2018 21:05	21.94	89.5	6.44	3.1
SR5	12/12/2018 3:10	21.85	90.3	6.51	2.0	SR5	12/12/2018 9:10	22.02	90.2	6.52	2.7	SR5	12/12/2018 15:10	22.02	90.7	6.84	4.2	SR5	12/12/2018 21:10	21.99	88.8	6.39	3.2
SR5	12/12/2018 3:15	21.88	90.1	6.49	2.8	SR5	12/12/2018 9:15	21.96	88.1	6.37	2.4	SR5	12/12/2018 15:15	21.98	91.8	6.92	4.5	SR5	12/12/2018 21:15	21.95	90.9	6.54	1.3
SR5	12/12/2018 3:20	21.87	89.4	6.44	3.7	SR5	12/12/2018 9:20	21.94	90.4	6.54	4.3	SR5	12/12/2018 15:20	21.97	90.8	6.53	2.9	SR5	12/12/2018 21:20	21.96	90.3	6.50	3.2
SR5	12/12/2018 3:25	21.92	88.4	6.37	4.3	SR5	12/12/2018 9:25	22.00	89.9	6.50	2.3	SR5	12/12/2018 15:25	22.03	88.5	6.37	2.7	SR5	12/12/2018 21:25	21.94	90.9	6.54	2.4
SR5	12/12/2018 3:30	21.88	90.6	6.53	3.1	SR5	12/12/2018 9:30	21.96	91.5	6.61	3.4	SR5	12/12/2018 15:30	22.03	88.7	6.38	3.5	SR5	12/12/2018 21:30	21.98	88.1	6.34	4.6
SR5	12/12/2018 3:35	21.89	89.6	6.46	3.0	SR5	12/12/2018 9:35	21.96	90.6	6.55	4.3	SR5	12/12/2018 15:35	21.99	91.0	6.55	3.2	SR5	12/12/2018 21:35	21.98	91.7	6.60	3.3
SR5	12/12/2018 3:40	21.89	88.4	6.37	1.9	SR5	12/12/2018 9:40	21.94	88.0	6.37	2.4	SR5	12/12/2018 15:40	22.01	89.4	6.43	3.8	SR5	12/12/2018 21:40	22.00	89.0	6.41	3.1
SR5	12/12/2018 3:45	21.87	88.5	6.38	3.5	SR5	12/12/2018 9:45	21.96	90.1	6.51	2.8	SR5	12/12/2018 15:45	21.98	90.1	6.48	4.0	SR5	12/12/2018 21:45	21.99	88.5	6.37	2.9
SR5	12/12/2018 3:50	21.84	87.6	6.31	1.5	SR5	12/12/2018 9:50	21.94	91.0	6.58	3.1	SR5	12/12/2018 15:50	21.99	90.8	6.53	2.7	SR5	12/12/2018 21:50	21.99	90.6	6.52	3.0
SR5	12/12/2018 3:55	21.87	89.9	6.48	2.5	SR5	12/12/2018 9:55	21.97	90.3	6.53	3.3	SR5	12/12/2018 15:55	22.02	89.8	6.46	2.6	SR5	12/12/2018 21:55	21.98	91.5	6.58	3.4
SR5	12/12/2018 4:00	21.83	87.3	6.30	2.4	SR5	12/12/2018 10:00	21.94	88.7	6.42	4.0	SR5	12/12/2018 16:00	21.97	90.1	6.48	2.6	SR5	12/12/2018 22:00	21.98	89.9	6.47	2.4
SR5	12/12/2018 4:05	21.83	87.2	6.29	2.0	SR5	12/12/2018 10:05	21.96	89.4	6.46	2.6	SR5	12/12/2018 16:05	22.00	88.3	6.35	3.0	SR5	12/12/2018 22:05	21.95	90.3	6.50	1.9
SR5	12/12/2018 4:10	21.84	90.1	6.50	3.1	SR5	12/12/2018 10:10	21.98	87.6	6.33	3.3	SR5	12/12/2018 16:10	22.01	90.4	6.51	1.6	SR5	12/12/2018 22:10	21.99	90.2	6.49	3.8
SR5	12/12/2018 4:15	21.83	87.2	6.29	3.5	SR5	12/12/2018 10:15	21.97	88.8	6.42	3.8	SR5	12/12/2018 16:15	22.03	89.9	6.47	4.9	SR5	12/12/2018 22:15	21.95	89.4	6.43	3.1
SR5	12/12/2018 4:20	21.88	90.2	6.50	3.6	SR5	12/12/2018 10:20	21.97	87.4	6.32	3.1	SR5	12/12/2018 16:20	22.03	88.6	6.37	2.7	SR5	12/12/2018 22:20	21.98	89.1	6.42	3.2
SR5	12/12/2018 4:25	21.87	89.3	6.43	3.0	SR5	12/12/2018 10:25	21.98	89.5	6.47	2.4	SR5	12/12/2018 16:25	22.01	91.5	6.58	3.6	SR5	12/12/2018 22:25	21.98	90.0	6.48	3.2
SR5	12/12/2018 4:30	21.87	87.2	6.29	2.1	SR5	12/12/2018 10:30	21.93	89.2	6.45	3.9	SR5	12/12/2018 16:30	21.97	88.5	6.37	3.8	SR5	12/12/2018 22:30	21.97	92.3	6.64	2.0
SR5	12/12/2018 4:35	21.86	89.8	6.47	2.7	SR5	12/12/2018 10:35	21.95	90.9	6.58	4.7	SR5	12/12/2018 16:35	21.96	90.1	6.48	1.4	SR5	12/12/2018 22:35	21.95	91.4	6.58	2.6
SR5	12/12/2018 4:40	21.87	87.6	6.31	3.4	SR5	12/12/2018 10:40	21.93	88.6	6.41	4.7	SR5	12/12/2018 16:40	21.96	88.9	6.40	3.6	SR5	12/12/2018 22:40	21.95	89.7	6.45	3.8
SR5	12/12/2018 4:45	21.84	89.5	6.45	2.6	SR5	12/12/2018 10:45	21.95	88.3	6.39	3.2	SR5	12/12/2018 16:45	21.97	90.5	6.51	3.8	SR5	12/12/2018 22:45	21.95	91.7	6.60	3.6
SR5	12/12/2018 4:50	21.85	89.8	6.47	4.0	SR5	12/12/2018 10:50	22.21	88.4	6.40	3.9	SR5	12/12/2018 16:50	22.02	90.8	6.54	3.0	SR5	12/12/2018 22:50	21.99	91.9	6.61	2.8
SR5	12/12/2018 4:55	21.84	89.8	6.48	2.7	SR5	12/12/2018 10:55	22.23	90.6	6.56	3.2	SR5	12/12/2018 16:55	22.03	90.1	6.48	3.5	SR5	12/12/2018 22:55	21.99	88.5	6.37	2.0
SR5	12/12/2018 5:00	21.86	90.5	6.52	3.2	SR5	12/12/2018 11:00	22.24	88.7	6.42	4.2	SR5	12/12/2018 17:00	22.02	87.7	6.31	2.8	SR5	12/12/2018 23:00	21.94	91.5	6.58	3.8
SR5	12/12/2018 5:05	21.87	90.6	6.53	2.1	SR5	12/12/2018 11:05	22.24	87.9	6.36	3.8	SR5	12/12/2018 17:05	22.03	90.1	6.48	1.9	SR5	12/12/2018 23:05	21.95	90.5	6.51	4.4
SR5	12/12/2018 5:10	22.02	88.7	6.39	3.7	SR5	12/12/2018 11:10	22.22	90.6	6.55	3.9	SR5	12/12/2018 17:10	22.00	91.1	6.55	3.0	SR5	12/12/2018 23:10	21.95	92.1	6.63	2.0
SR5	12/12/2018 5:15	22.01	86.7	6.25	4.6	SR5	12/12/2018 11:15	22.24	90.2	6.53	3.4	SR5	12/12/2018 17:15	22.01	88.6	6.38	3.1	SR5	12/12/2018 23:15	21.93	89.3	6.43	3.9
SR5	12/12/2018 5:20	22.01	88.4	6.37	3.6	SR5	12/12/2018 11:20	22.22	89.6	6.49	4.0	SR5	12/12/2018 17:20	22.00	88.6	6.38	2.8	SR5	12/12/2018 23:20	21.96	90.5	6.51	4.1
SR5	12/12/2018 5:25	21.96	87.5	6.31	2.6	SR5	12/12/2018 11:25	22.22	88.9	6.43	3.3	SR5	12/12/2018 17:25	22.03	89.0	6.40	3.4	SR5	12/12/2018 23:25	21.93	90.1	6.48	2.4
SR5	12/12/2018 5:30	21.96	87.0	6.28	2.6	SR5	12/12/2018 11:30	22.24	90.4	6.54	3.8	SR5	12/12/2018 17:30	22.03	89.6	6.44	2.6	SR5	12/12/2018 23:30	21.93	91.9	6.61	1.9
SR5	12/12/2018 5:35	21.97	87.2	6.28	4.6	SR5	12/12/2018 11:35	22.21	88.1	6.38	3.9	SR5	12/12/2018 17:35	22.00	89.2	6.42	3.5	SR5	12/12/2018 23:35	21.94	91.3	6.57	3.2
SR5	12/12/2018 5:40	22.01	87.7	6.32	2.7	SR5	12/12/2018 11:40	22.22	88.2	6.38	2.5	SR5	12/12/2018 17:40	22.01	90.9	6.54	3.4	SR5	12/12/2018 23:40	21.94	91.9	6.61	2.1
SR5	12/12/2018 5:45	21.98	86.9	6.27	3.3	SR5	12/12/2018 11:45	22.25	89.1	6.45	2.5	SR5	12/12/2018 17:45	21.96	91.1	6.56	3.2	SR5	12/12/2018 23:45	21.94	89.5	6.44	2.0
SR5	12/12/2018 5:50	22.01	84.7	6.11	3.3	SR5	12/12/2018 11:50	21.98	90.4	6.50	2.5	SR5	12/12/2018 17:50	22.01	90.3	6.50	2.6	SR5	12/12/2018 23:50	21.97	89.8	6.47	2.2
SR5	12/12/2018 5:55	21.99	89.4	6.45	3.4	SR5	12/12/2018 11:55	22.01	88.1	6.34	4.0	SR5	12/12/2018 17:55	21.97	89.7	6.45	6.5	SR5	12/12/2018 23:55	21.97	92.3	6.64	3.4

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/12/2018 0:01	21.70	76.3	5.55	2.1	SR12	12/12/2018 6:01	22.07	80.6	5.89	2.3	SR12	12/12/2018 12:01	22.28	80.8	5.82	5.5	SR12	12/12/2018 18:01	22.26	81.1	5.84	3.1
SR12	12/12/2018 0:06	21.68	78.4	5.70	2.1	SR12	12/12/2018 6:06	22.08	80.6	5.89	3.5	SR12	12/12/2018 12:06	22.28	80.5	5.80	5.5	SR12	12/12/2018 18:06	22.25	80.8	5.81	2.6
SR12	12/12/2018 0:11	21.71	72.8	5.30	2.9	SR12	12/12/2018 6:11	22.15	79.7	5.80	3.3	SR12	12/12/2018 12:11	22.29	80.0	5.76	4.8	SR12	12/12/2018 18:11	22.27	81.4	5.86	2.4
SR12	12/12/2018 0:16	21.70	76.4	5.56	4.2	SR12	12/12/2018 6:16	22.16	79.5	5.80	3.7	SR12	12/12/2018 12:16	22.29	80.2	5.77	2.3	SR12	12/12/2018 18:16	22.28	81.7	5.88	2.4
SR12	12/12/2018 0:21	21.70	77.9	5.66	2.7	SR12	12/12/2018 6:21	22.14	79.7	5.81	6.8	SR12	12/12/2018 12:21	22.29	80.7	5.81	4.6	SR12	12/12/2018 18:21	22.27	81.6	5.87	4.7
SR12	12/12/2018 0:26	21.70	76.5	5.57	2.6	SR12	12/12/2018 6:26	22.16	79.5	5.80	3.0	SR12	12/12/2018 12:26	22.28	81.5	5.86	5.5	SR12	12/12/2018 18:26	22.27	82.1	5.91	2.7
SR12	12/12/2018 0:31	21.64	75.3	5.48	5.6	SR12	12/12/2018 6:31	22.14	80.1	5.84	2.9	SR12	12/12/2018 12:31	22.29	80.9	5.82	3.1	SR12	12/12/2018 18:31	22.28	81.7	5.88	3.6
SR12	12/12/2018 0:36	21.68	74.9	5.44	3.2	SR12	12/12/2018 6:36	22.12	80.3	5.86	4.6	SR12	12/12/2018 12:36	22.28	81.3	5.85	1.8	SR12	12/12/2018 18:36	22.32	81.5	5.86	1.9
SR12	12/12/2018 0:41	21.69	76.0	5.53	2.8	SR12	12/12/2018 6:41	22.12	80.2	5.85	3.6	SR12	12/12/2018 12:41	22.28	81.5	5.87	1.2	SR12	12/12/2018 18:41	22.29	82.8	5.96	1.1
SR12	12/12/2018 0:46	21.67	77.5	5.85	2.1	SR12	12/12/2018 6:46	22.14	79.4	5.79	2.3	SR12	12/12/2018 12:46	22.29	81.5	5.86	2.5	SR12	12/12/2018 18:46	22.30	83.2	5.98	2.0
SR12	12/12/2018 0:51	21.68	77.0	5.86	2.1	SR12	12/12/2018 6:51	22.16	79.6	5.80	3.1	SR12	12/12/2018 12:51	22.29	81.1	5.83	3.2	SR12	12/12/2018 18:51	22.30	82.7	5.95	2.2
SR12	12/12/2018 0:56	21.67	76.6	5.57	3.2	SR12	12/12/2018 6:56	22.15	79.9	5.82	3.4	SR12	12/12/2018 12:56	22.29	80.8	5.81	2.8	SR12	12/12/2018 18:56	22.26	83.4	6.00	3.7
SR12	12/12/2018 1:01	21.66	78.7	5.96	2.8	SR12	12/12/2018 7:01	22.13	80.2	5.85	3.0	SR12	12/12/2018 13:01	22.29	80.7	5.80	4.3	SR12	12/12/2018 19:01	22.26	83.5	6.01	5.0
SR12	12/12/2018 1:06	21.66	78.8	5.74	3.9	SR12	12/12/2018 7:06	22.11	80.6	5.88	3.2	SR12	12/12/2018 13:06	22.29	80.8	5.82	4.7	SR12	12/12/2018 19:06	22.26	83.7	6.02	3.8
SR12	12/12/2018 1:11	21.65	79.1	5.76	1.5	SR12	12/12/2018 7:11	22.10	80.3	5.86	3.7	SR12						SR12	12/12/2018 19:11	22.26	83.5	6.00	3.5
SR12	12/12/2018 1:16	21.59	79.6	5.85	4.4	SR12	12/12/2018 7:16	22.11	80.4	5.87	4.2	SR12						SR12	12/12/2018 19:16	22.25	83.4	6.00	3.1
SR12	12/12/2018 1:21	21.58	79.7	6.10	5.0	SR12	12/12/2018 7:21	22.12	80.7	5.89	4.2	SR12						SR12	12/12/2018 19:21	22.26	83.3	5.99	4.5
SR12	12/12/2018 1:26	21.60	79.7	5.94	2.2	SR12	12/12/2018 7:26	22.12	79.5	5.80	1.8	SR12						SR12	12/12/2018 19:26	22.25	83.4	6.00	4.4
SR12	12/12/2018 1:31	21.61	75.9	5.54	3.2	SR12	12/12/2018 7:31	22.12	79.9	5.83	1.7	SR12						SR12	12/12/2018 19:31	22.28	83.4	6.00	1.2
SR12	12/12/2018 1:36	21.64	78.5	5.71	1.3	SR12	12/12/2018 7:36	22.15	79.6	5.80	2.6	SR12						SR12	12/12/2018 19:36	22.26	83.6	6.02	3.2
SR12	12/12/2018 1:41	21.66	80.6	5.87	3.5	SR12	12/12/2018 7:41	22.16	80.4	5.86	3.6	SR12						SR12	12/12/2018 19:41	22.24	83.8	6.03	4.7
SR12	12/12/2018 1:46	21.66	80.7	5.87	2.1	SR12	12/12/2018 7:46	22.16	80.5	5.87	4.7	SR12						SR12	12/12/2018 19:46	22.25	83.5	6.01	3.2
SR12	12/12/2018 1:51	21.66	81.6	5.94	3.3	SR12	12/12/2018 7:51	22.13	79.9	5.82	5.1	SR12						SR12	12/12/2018 19:51	22.24	84.0	6.05	4.3
SR12	12/12/2018 1:56	21.66	82.5	6.44	4.3	SR12	12/12/2018 7:56	22.14	79.8	5.82	4.2	SR12						SR12	12/12/2018 19:56	22.22	83.9	6.04	4.4
SR12	12/12/2018 2:01	21.65	83.1	6.61	1.8	SR12	12/12/2018 8:01	22.15	79.8	5.82	3.6	SR12						SR12	12/12/2018 20:01	22.24	83.1	5.98	4.0
SR12	12/12/2018 2:06	21.62	82.6	6.20	1.4	SR12	12/12/2018 8:06	22.13	79.8	5.82	3.6	SR12	12/12/2018 14:06	22.28	81.3	5.85	2.2	SR12	12/12/2018 20:06	22.24	83.4	6.00	2.8
SR12	12/12/2018 2:11	21.65	82.1	5.97	2.8	SR12	12/12/2018 8:11	22.13	79.5	5.80	5.5	SR12	12/12/2018 14:11	22.28	81.9	5.89	4.4	SR12	12/12/2018 20:11	22.24	83.1	5.98	2.7
SR12	12/12/2018 2:16	21.60	79.9	5.82	3.0	SR12	12/12/2018 8:16	22.22	78.9	5.80	4.0	SR12	12/12/2018 14:16	22.28	81.9	5.89	4.7	SR12	12/12/2018 20:16	22.25	82.6	5.95	5.3
SR12	12/12/2018 2:21	21.62	80.5	5.86	2.9	SR12	12/12/2018 8:21	22.20	79.2	5.82	7.2	SR12	12/12/2018 14:21	22.29	81.6	5.87	2.8	SR12	12/12/2018 20:21	22.25	83.0	5.97	4.8
SR12	12/12/2018 2:26	21.63	80.7	5.88	2.4	SR12	12/12/2018 8:26	22.19	79.0	5.81	6.0	SR12	12/12/2018 14:26	22.29	81.1	5.84	3.1	SR12	12/12/2018 20:26	22.22	83.3	6.00	3.5
SR12	12/12/2018 2:31	21.61	81.3	5.92	2.7	SR12	12/12/2018 8:31	22.26	79.6	5.85	5.9	SR12	12/12/2018 14:31	22.30	81.6	5.87	1.2	SR12	12/12/2018 20:31	22.24	82.8	5.96	1.2
SR12	12/12/2018 2:36	21.64	80.9	5.89	2.5	SR12	12/12/2018 8:36	22.22	79.6	5.85	6.9	SR12	12/12/2018 14:36	22.29	81.5	5.86	2.6	SR12	12/12/2018 20:36	22.22	83.3	6.00	5.1
SR12	12/12/2018 2:41	21.62	81.2	5.91	3.7	SR12	12/12/2018 8:41	22.25	79.0	5.81	5.9	SR12	12/12/2018 14:41	22.29	81.1	5.83	4.9	SR12	12/12/2018 20:41	22.22	83.7	6.02	4.7
SR12	12/12/2018 2:46	21.61	81.0	5.90	2.6	SR12	12/12/2018 8:46	22.25	79.6	5.85	4.8	SR12	12/12/2018 14:46	22.29	81.8	5.89	2.0	SR12	12/12/2018 20:46	22.23	82.7	5.96	4.0
SR12	12/12/2018 2:51	21.65	81.0	5.90	2.7	SR12	12/12/2018 8:51	22.19	78.7	5.79	6.1	SR12	12/12/2018 14:51	22.28	82.2	5.91	1.4	SR12	12/12/2018 20:51	22.23	82.7	5.95	5.2
SR12	12/12/2018 2:56	21.63	80.7	5.87	4.1	SR12	12/12/2018 8:56	22.21	79.2	5.82	6.4	SR12	12/12/2018 14:56	22.31	82.3	5.91	1.8	SR12	12/12/2018 20:56	22.24	83.0	5.98	3.0
SR12	12/12/2018 3:01	21.59	80.6	5.87	3.5	SR12	12/12/2018 9:01	22.24	79.3	5.83	6.4	SR12	12/12/2018 15:01	22.31	81.9	5.89	1.8	SR12	12/12/2018 21:01	22.21	83.8	6.03	2.2
SR12	12/12/2018 3:06	21.58	81.2	5.92	2.9	SR12	12/12/2018 9:06	22.25	78.6	5.78	4.6	SR12	12/12/2018 15:06	22.29	82.5	5.94	1.3	SR12	12/12/2018 21:06	22.21	83.7	6.02	5.2
SR12	12/12/2018 3:11	21.60	81.4	5.93	3.9	SR12	12/12/2018 9:11	22.26	79.6	5.85	6.1	SR12	12/12/2018 15:11	22.27	86.5	7.49	8.3	SR12	12/12/2018 21:11	22.21	83.1	5.98	2.2
SR12	12/12/2018 3:16	21.64	81.7	5.95	4.0	SR12	12/12/2018 9:16	22.25	78.9	5.80	5.3	SR12	12/12/2018 15:16	22.27	86.5	7.49	8.3	SR12	12/12/2018 21:16	22.21	83.4	6.01	2.4
SR12	12/12/2018 3:21	21.60	81.5	5.93	3.0	SR12	12/12/2018 9:21	22.21	79.3	5.83	5.9	SR12	12/12/2018 15:21	22.29	81.4	5.86	5.1	SR12	12/12/2018 21:21	22.20	83.5	6.01	2.3
SR12	12/12/2018 3:26	21.63	81.7	5.94	6.0	SR12	12/12/2018 9:26	22.24	79.0	5.81	4.7	SR12	12/12/2018 15:26	22.29	81.4	5.86	5.1	SR12	12/12/2018 21:26	22.21	83.0	5.97	1.5
SR12	12/12/2018 3:31	21.62	81.3	5.91	1.6	SR12	12/12/2018 9:31	22.26	79.6	5.85	6.9	SR12	12/12/2018 15:31	22.31	81.1	5.83	2.0	SR12	12/12/2018 21:31	22.20	83.3	6.00	5.3
SR12	12/12/2018 3:36	21.55	81.3	5.92	1.6	SR12	12/12/2018 9:36	22.26	79.6	5.85	7.6	SR12	12/12/2018 15:36	22.30	81.1	5.83	5.5	SR12	12/12/2018 21:36	22.20	83.5	6.01	2.0
SR12	12/12/2018 3:41	21.57	80.9	5.90	3.3	SR12	12/12/2018 9:41	22.23	78.7	5.79	5.9	SR12	12/12/2018 15:41	22.33	81.0	5.82	5.3	SR12	12/12/2018 21:41	22.20	82.7	5.95	4.8
SR12	12/12/2018 3:46	21.58	81.3	5.93	3.4	SR12	12/12/2018 9:46	22.26	78.7	5.79	4.2	SR12	12/12/2018 15:46	22.31	81.1	5.83	4.0	SR12	12/12/2018 21:46	22.20	83.5	6.01	5.2
SR12	12/12/2018 3:51	21.56	81.3	5.92	2.2	SR12	12/12/2018 9:51	22.23	79.6	5.85	5.2	SR12	12/12/2018 15:51	22.20	81.9	5.91	3.3	SR12	12/12/2018 21:51	22.20	83.0	5.98	1.3
SR12	12/12/2018 3:56	21.55	80.6	5.88	1.5	SR12	12/12/2018 9:56	22.26	79.0	5.81	5.6	SR12	12/12/2018 15:56	22.28	81.8	5.89	1.5	SR12	12/12/2018 21:56	22.20	82.6	5.95	3.4
SR12	12/12/2018 4:01	21.55	80.6	5.88	2.6	SR12	12/12/2018 10:01	22.23	79.6	5.85	7.6	SR12	12/12/2018 16:01	22.30	81.4	5.86	4.8	SR12	12/12/2018 22:01	22.19	83.1	5.99	1.3
SR12	12/12/2018 4:06	21.53	80.7	5.88	3.1	SR12	12/12/2018 10:06	22.25	78.9	5.80	7.7	SR12	12/12/2018 16:06	22.31	80.9	5.82	2.6	SR12	12/12/2018 22:06	22.19	83.3	6.00	1.8
SR12	12/12/2018 4:11	21.53	80.9	5.91	1.6	SR12	12/12/2018 10:11	22.24	78.9	5.80	4.7	SR12	12/12/2018 16:11	22.32	80.3	5.78	1.2	SR12	12/12/2018 22:11	22.19	83.3	6.00	3.9
SR12	12/12/2018 4:16	21.57	80.5	5.87	1.2	SR12	12/12/2018 10:16	22.25	79.0	5.81	6.2	SR12	12/12/2018 16:16	22.32	80.1	5.76	4.3	SR12	12/12/2018 22:16	22.19	83.8	6.04	4.1
SR12	12/12/2018 4:21	21.54	80.7	5.88	3.4	SR12	12/12/2018 10:21	22.27	78.6	5.78	6.7	SR12	12/12/2018 16:21	22.33	80.9	5.82	4.3	SR12	12/12/2018 22:21	22.18	84.0	6.06	1.5
SR12	12/12/2018 4:26	21.56	80.4	5.86	1.5	SR12	12/12/2018 10:26	22.22	79.0	5.81	4.7	SR12	12/12/2018 16:26	22.29	81.4	5.86	5.5	SR12	12/12/2018 22:26	22.18	84.0	6.05	5.3
SR12	12/12/2018 4:31	21.55	80.7	5.88	3.6	SR12	12/12/2018 10:31	22.25	78.9	5.80	5.2	SR12	12/12/2018 16:31	22.24	81.8	5.89	2.8	SR12	12/12/2018 22:31	22.17	83.5	6.01	4.3
SR12	12/12/2018 4:36	21.56	80.0	5.83	2.7	SR12	12/12/2018 10:36	22.26	79.4	5.84	6.5	SR12	12/12/2018 16:36	22.19	82.2	5.93	1.1	SR12	12/12/2018 22:36	22.16	83.7	6.03	1.7
SR12	12/12/2018 4:41	21.55	80.5	5.87	3.8	SR12	12/12/2018 10:41	22.19	78.5	5.77	7.6	SR12	12/12/2018 16:41	22.21	82.6	5.95	5.3	SR12	12/12/2018 22:41	22.16	83.4	6.01	5.2
SR12	12/12/2018 4:46	21.54	81.1	5.91	2.6	SR12	12/12/2018 10:46	22.24	79.0	5.81	7.1	SR12	12/12/2018 16:46	22.23	82.3	5.93	5.2	SR12	12/12/2018 22:46	22.20	83.3	6.00	3.1
SR12	12/12/2018 4:51	21.48	81.3	5.94	4.4	SR12	12/12/2018 10:51	22.25	78.6	5.78	7.7	SR12	12/12/2018 16:51	22.24	82.5	5.95	3.5	SR12	12/12/2018 22:51	22.22	83.4	6.00	4.1
SR12	12/12/2018 4:56	21.52	81.0	5.92	5.0	SR12	12/12/2018 10:56	22.20	78.6	5.78	3.9	SR12	12/12/2018 16:56	22.25	81.8	5.89	5.3	SR12	12/12/2018 22:56	22.20	82.9	5.97	3.6
SR12	12/12/2018 5:01	21.52	80.7	5.89	3.8	SR12	12/12/2018 11:01	22.20	78.5	5.77	5.7	SR12	12/12/2018 17:01	22.27	81.4	5.86	4.5	SR12	12/12/2018 23:01	22.17	82.9	5.97	3.7
SR12	12/12/2018 5:06	21.53	81.3	5.94	2.7	SR12	12/12/2018 11:06	22.20	78.5	5.77	6.3	SR12	12/12/2018 17:06	22.28	81.8	5.89	1.7	SR12	12/12/2018 23:06	22.17	83.2	5.99	5.4
SR12	12/12/2018 5:11	22.04	80.9	5.91	4.3	SR12	12/12/2018 11:11	22.22	78.9	5.80	6.2	SR12	12/12/2018 17:11	22.31	81.3	5.85	4.6	SR12	12/12/2018 23:11	22.15	84.5	6.09	1.9
SR12	12/12/2018 5:16	22.07	80.9	5.91	3.3	SR12	12/12/2018 11:16	22.22	78.5	5.77	6.0	SR12	12/12/2018 17:16	22.30	81.1	5.83	4.5	SR12	12/12/2018 23:16	22.14	84.2	6.07	1.1
SR12	12/12/2018 5:21	22.08	79.9	5.84	3.6	SR12	12/12/2018 11:21	22.21	79.4	5.84	6.4	SR12	12/12/2018 17:21	22.28	81.9	5.90	2.3	SR12	12/12/2018 23:21	22.13	84.0	6.06	4.0
SR12	12/12/2018 5:26	22.07	79.7	5.82	4.6	SR12	12/12/2018 11:26	22.20	79.2	5.82	7.1	SR12	12/12/2018 17:26	22.28	81.3	5.85	1.6	SR12	12/12/2018 23:26	22.14	83.6	6.03	2.4
SR12	12/12/2018 5:31	22.08	80.4	5.87	4.1	SR12	12/12/2018 11:31	22.27	78.9	5.80	5.9	SR12	12/12/2018 17:31	22.28	81.6	5.87	3.6	SR12	12/12/2018 23:31	22.12	84.1	6.06	1.7
SR12	12/12/2018 5:36	22.07	80.5	5.88	3.3	SR12	12/12/2018 11:36	22.23	78.5	5.77	7.5	SR12	12/12/2018 17:36	22.29	82.2	5.91	1.7	SR12	12/12/2018 23:36	22.11	83.9	6.05	2.5
SR12	12/12/2018 5:41	22.08	79.8	5.83	3.4	SR12	12/12/2018 11:41	22.23	79.6	5.85	4.3	SR12	12/12/2018 17:41	22.26	81.7	5.88	1.4	SR12	12/12/2018 23:41	22.12	84.0	6.06	4.4
SR12	12/12/2018 5:46	22.08	79.5	5.81	3.8	SR12	12/12/2018 11:46	22.22	79.0	5.81	4.2	SR12	12/12/2018 17:46	22.23	81.3	5.86	3.5	SR12	12/12/2018 23:46	22.12	83.5	6.02	2.6
SR12	12/12/2018 5:51	22.06	80.7	5.90	3.1	SR12	12/12/2018 11:51	22.27	80.0	5.76	2.5	SR12	12/12/2018 17:51	22.27	81.9	5.89	1.2	SR12	12/12/2018 23:51	22.12	83.0	5.98	4.4
SR12	12/12/2018 5:56	22.07	80.7	5.90	2.6	SR12	12/12/2018 11:56	22.28	80.4	5.79	6.2	SR12	12/12/2018 17:56	22.25	80.5	5.79	3.8	SR12	12/12/2018 23:56	22.12	84.0	6.06	3.6

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/12/2018 0:00	21.46	79.9	5.35	9.7	SR13	12/12/2018 6:00	22.16	90.0	6.41	3.7	SR13	12/12/2018 12:00	21.31	80.4	5.40	11.3	SR13	12/12/2018 18:00	22.21	92.2	6.54	4.3
SR13	12/12/2018 0:05	21.46	80.0	5.36	11.2	SR13	12/12/2018 6:05	22.17	90.6	6.45	2.3	SR13	12/12/2018 12:05	21.31	80.4	5.40	10.3	SR13	12/12/2018 18:05	22.22	90.7	6.43	4.5
SR13	12/12/2018 0:10	21.45	79.5	5.32	11.0	SR13	12/12/2018 6:10	22.12	89.7	6.38	4.3	SR13	12/12/2018 12:10	21.30	80.3	5.39	11.7	SR13	12/12/2018 18:10	22.26	91.2	6.47	3.1
SR13	12/12/2018 0:15	21.44	79.0	5.30	11.0	SR13	12/12/2018 6:15	22.12	91.2	6.49	4.2	SR13	12/12/2018 12:15	21.30	80.3	5.40	10.0	SR13	12/12/2018 18:15	22.28	91.4	6.48	4.1
SR13	12/12/2018 0:20	21.43	78.8	5.28	10.8	SR13	12/12/2018 6:20	22.14	90.6	6.44	5.0	SR13	12/12/2018 12:20	21.31	80.1	5.38	9.3	SR13	12/12/2018 18:20	22.27	90.2	6.40	3.5
SR13	12/12/2018 0:25	21.43	78.6	5.27	10.4	SR13	12/12/2018 6:25	22.15	90.6	6.45	2.7	SR13	12/12/2018 12:25	21.31	80.2	5.39	10.6	SR13	12/12/2018 18:25	22.23	91.8	6.51	4.6
SR13	12/12/2018 0:30	21.42	78.3	5.25	9.3	SR13	12/12/2018 6:30	22.15	91.2	6.49	4.6	SR13	12/12/2018 12:30	21.29	80.1	5.39	10.5	SR13	12/12/2018 18:30	22.22	90.5	6.42	3.5
SR13	12/12/2018 0:35	21.42	77.9	5.22	11.1	SR13	12/12/2018 6:35	22.17	90.1	6.41	5.0	SR13	12/12/2018 12:35	21.30	81.1	5.45	11.4	SR13	12/12/2018 18:35	22.26	91.1	6.46	3.0
SR13	12/12/2018 0:40	21.42	78.2	5.24	10.8	SR13	12/12/2018 6:40	22.14	91.1	6.49	2.5	SR13	12/12/2018 12:40	21.29	79.0	5.31	10.5	SR13	12/12/2018 18:40	22.23	90.9	6.44	4.6
SR13	12/12/2018 0:45	21.46	80.4	5.39	9.4	SR13	12/12/2018 6:45	22.16	91.9	6.54	3.2	SR13	12/12/2018 12:45	21.30	80.2	5.39	10.4	SR13	12/12/2018 18:45	22.25	90.7	6.43	3.3
SR13	12/12/2018 0:50	21.47	80.8	5.41	10.5	SR13	12/12/2018 6:50	22.16	91.8	6.53	4.2	SR13	12/12/2018 12:50	21.30	80.6	5.42	10.9	SR13	12/12/2018 18:50	22.22	89.9	6.37	3.8
SR13	12/12/2018 0:55	21.46	80.1	5.37	9.5	SR13	12/12/2018 6:55	22.16	90.1	6.40	3.6	SR13	12/12/2018 12:55	21.30	80.4	5.41	10.4	SR13	12/12/2018 18:55	22.23	91.4	6.48	4.8
SR13	12/12/2018 1:00	21.45	80.2	5.37	11.0	SR13	12/12/2018 7:00	22.17	91.5	6.51	3.8	SR13	12/12/2018 13:00	21.30	80.6	5.42	9.8	SR13	12/12/2018 19:00	22.25	91.4	6.48	3.3
SR13	12/12/2018 1:05	21.46	81.2	5.44	11.7	SR13	12/12/2018 7:05	22.17	91.0	6.47	4.0	SR13	12/12/2018 13:05	21.29	81.7	5.49	10.6	SR13	12/12/2018 19:05	22.24	91.2	6.47	5.2
SR13	12/12/2018 1:10	21.43	78.8	5.28	10.8	SR13	12/12/2018 7:10	22.17	91.4	6.53	4.9	SR13	12/12/2018 13:10	21.29	82.4	5.53	10.6	SR13	12/12/2018 19:10	22.27	91.1	6.46	4.1
SR13	12/12/2018 1:15	21.43	78.1	5.24	10.5	SR13	12/12/2018 7:15	22.19	89.6	6.41	3.7	SR13	12/12/2018 13:15	21.28	82.6	5.55	9.3	SR13	12/12/2018 19:15	22.24	90.4	6.41	4.0
SR13	12/12/2018 1:20	21.43	78.6	5.27	11.5	SR13	12/12/2018 7:20	22.18	91.0	6.48	3.8	SR13	12/12/2018 13:20	21.29	82.6	5.55	11.4	SR13	12/12/2018 19:20	22.27	90.4	6.41	4.0
SR13	12/12/2018 1:25	21.46	78.4	5.25	11.6	SR13	12/12/2018 7:25	22.17	90.7	6.48	2.1	SR13	12/12/2018 13:25	21.28	82.5	5.54	11.6	SR13	12/12/2018 19:25	22.25	91.3	6.47	3.2
SR13	12/12/2018 1:30	21.43	78.4	5.25	9.9	SR13	12/12/2018 7:30	22.17	91.1	6.48	1.7	SR13	12/12/2018 13:30	21.28	81.3	5.46	10.1	SR13	12/12/2018 19:30	22.25	91.7	6.50	4.3
SR13	12/12/2018 1:35	21.43	79.1	5.30	11.0	SR13	12/12/2018 7:35	22.16	91.7	6.52	3.6	SR13	12/12/2018 13:35	21.29	81.8	5.50	9.6	SR13	12/12/2018 19:35	22.27	90.4	6.41	4.0
SR13	12/12/2018 1:40	21.44	79.1	5.30	9.7	SR13	12/12/2018 7:40	22.16	91.0	6.48	4.7	SR13	12/12/2018 13:40	21.28	81.8	5.50	10.0	SR13	12/12/2018 19:40	22.23	91.7	6.50	3.7
SR13	12/12/2018 1:45	21.44	84.7	5.89	10.5	SR13	12/12/2018 7:45	22.16	90.5	6.48	4.6	SR13	12/12/2018 13:45	21.28	81.9	5.50	9.4	SR13	12/12/2018 19:45	22.22	90.8	6.44	4.7
SR13	12/12/2018 1:50	21.46	84.9	5.87	10.6	SR13	12/12/2018 7:50	22.15	91.9	6.56	2.5	SR13	12/12/2018 13:50	21.28	81.9	5.51	11.7	SR13	12/12/2018 19:50	22.24	91.9	6.52	4.3
SR13	12/12/2018 1:55	21.45	85.4	5.91	11.0	SR13	12/12/2018 7:55	22.13	91.0	6.48	3.7	SR13	12/12/2018 13:55	21.28	82.1	5.52	10.2	SR13	12/12/2018 19:55	22.26	92.0	6.52	4.4
SR13	12/12/2018 2:00	21.47	84.8	5.88	10.5	SR13	12/12/2018 8:00	22.15	90.7	6.45	4.9	SR13	12/12/2018 14:00	21.28	81.3	5.47	10.8	SR13	12/12/2018 20:00	22.26	91.9	6.52	4.3
SR13	12/12/2018 2:05	21.47	85.2	5.94	11.8	SR13	12/12/2018 8:05	22.15	92.5	6.58	3.7	SR13	12/12/2018 14:05	21.28	81.7	5.49	11.4	SR13	12/12/2018 20:05	22.27	91.8	6.51	4.9
SR13	12/12/2018 2:10	21.46	85.1	5.91	10.8	SR13	12/12/2018 8:10	22.17	90.9	6.47	2.7	SR13	12/12/2018 14:10	21.27	81.5	5.48	11.6	SR13	12/12/2018 20:10	22.25	91.2	6.47	5.0
SR13	12/12/2018 2:15	21.46	84.6	5.85	11.3	SR13	12/12/2018 8:15	22.18	91.5	6.51	2.2	SR13	12/12/2018 14:15	21.27	82.0	5.52	9.4	SR13	12/12/2018 20:15	22.24	91.9	6.51	3.8
SR13	12/12/2018 2:20	21.43	79.1	5.30	9.9	SR13	12/12/2018 8:20	22.18	90.4	6.49	2.9	SR13	12/12/2018 14:20	21.28	82.6	5.55	11.2	SR13	12/12/2018 20:20	22.23	92.1	6.53	3.2
SR13	12/12/2018 2:25	21.43	80.0	5.36	9.4	SR13	12/12/2018 8:25	22.19	92.9	6.68	2.2	SR13	12/12/2018 14:25	21.27	82.5	5.55	11.6	SR13	12/12/2018 20:25	22.24	91.4	6.48	4.8
SR13	12/12/2018 2:30	21.43	80.1	5.37	11.4	SR13	12/12/2018 8:30	22.16	91.3	6.52	5.0	SR13	12/12/2018 14:30	21.29	82.0	5.51	10.9	SR13	12/12/2018 20:30	22.22	91.3	6.47	4.7
SR13	12/12/2018 2:35	21.43	81.5	5.46	10.8	SR13	12/12/2018 8:35	22.17	92.3	6.56	2.9	SR13	12/12/2018 14:35	21.29	81.6	5.48	10.5	SR13	12/12/2018 20:35	22.26	90.8	6.44	3.7
SR13	12/12/2018 2:40	21.43	80.4	5.39	11.5	SR13	12/12/2018 8:40	22.18	92.1	6.55	4.1	SR13	12/12/2018 14:40	21.29	81.6	5.49	10.7	SR13	12/12/2018 20:40	22.23	91.1	6.46	4.8
SR13	12/12/2018 2:45	21.43	80.0	5.36	10.6	SR13	12/12/2018 8:45	22.19	91.0	6.48	3.4	SR13	12/12/2018 14:45	21.28	81.6	5.48	11.6	SR13	12/12/2018 20:45	22.22	90.2	6.40	3.8
SR13	12/12/2018 2:50	21.43	79.8	5.35	10.7	SR13	12/12/2018 8:50	22.18	91.7	6.52	3.6	SR13	12/12/2018 14:50	21.28	81.7	5.49	9.9	SR13	12/12/2018 20:50	22.26	91.4	6.48	4.7
SR13	12/12/2018 2:55	21.43	79.9	5.35	9.5	SR13	12/12/2018 8:55	22.15	90.9	6.47	4.3	SR13	12/12/2018 14:55	21.28	81.9	5.50	10.1	SR13	12/12/2018 20:55	22.25	91.4	6.48	4.4
SR13	12/12/2018 3:00	21.43	79.8	5.35	9.8	SR13	12/12/2018 9:00	22.20	90.6	6.46	3.7	SR13	12/12/2018 15:00	21.29	81.6	5.49	9.4	SR13	12/12/2018 21:00	22.26	91.2	6.47	5.1
SR13	12/12/2018 3:05	21.43	79.8	5.35	9.8	SR13	12/12/2018 9:05	22.17	91.0	6.48	4.8	SR13	12/12/2018 15:05	21.29	81.5	5.55	11.5	SR13	12/12/2018 21:05	22.23	90.7	6.43	4.2
SR13	12/12/2018 3:10	21.43	79.6	5.33	9.5	SR13	12/12/2018 9:10	22.17	91.4	6.51	5.2	SR13	12/12/2018 15:10	21.29	82.0	5.54	10.2	SR13	12/12/2018 21:10	22.22	90.9	6.45	3.7
SR13	12/12/2018 3:15	21.43	79.6	5.33	9.4	SR13	12/12/2018 9:15	22.22	92.2	6.57	2.8	SR13	12/12/2018 15:15	21.29	82.3	5.62	11.2	SR13	12/12/2018 21:15	22.22	91.7	6.50	4.3
SR13	12/12/2018 3:20	21.43	79.8	5.35	10.0	SR13	12/12/2018 9:20	22.16	91.2	6.50	3.7	SR13	12/12/2018 15:20	21.29	81.9	5.77	11.0	SR13	12/12/2018 21:20	22.25	90.7	6.43	5.3
SR13	12/12/2018 3:25	21.44	79.6	5.33	11.1	SR13	12/12/2018 9:25	22.21	91.2	6.50	5.7	SR13	12/12/2018 15:25	21.29	81.3	5.83	11.3	SR13	12/12/2018 21:25	22.24	91.8	6.51	3.8
SR13	12/12/2018 3:30	21.45	79.1	5.30	9.9	SR13	12/12/2018 9:30	22.22	90.5	6.45	4.3	SR13	12/12/2018 15:30	21.29	81.5	5.57	10.0	SR13	12/12/2018 21:30	22.24	90.8	6.44	3.9
SR13	12/12/2018 3:35	21.44	78.8	5.28	9.6	SR13	12/12/2018 9:35	22.19	90.0	6.42	3.2	SR13	12/12/2018 15:35	21.29	82.0	5.58	10.1	SR13	12/12/2018 21:35	22.25	91.2	6.47	5.1
SR13	12/12/2018 3:40	21.45	78.7	5.27	11.2	SR13	12/12/2018 9:40	22.21	92.2	6.57	3.7	SR13	12/12/2018 15:40	21.28	81.4	5.47	11.0	SR13	12/12/2018 21:40	22.24	91.0	6.45	3.5
SR13	12/12/2018 3:45	21.43	79.1	5.30	11.5	SR13	12/12/2018 9:45	22.17	90.2	6.43	3.7	SR13	12/12/2018 15:45	21.25	81.3	5.52	11.0	SR13	12/12/2018 21:45	22.25	92.3	6.54	2.6
SR13	12/12/2018 3:50	21.42	79.1	5.30	10.1	SR13	12/12/2018 9:50	22.22	90.7	6.46	3.4	SR13	12/12/2018 15:50	21.25	80.5	5.60	11.3	SR13	12/12/2018 21:50	22.20	90.9	6.44	4.6
SR13	12/12/2018 3:55	21.43	79.7	5.34	11.0	SR13	12/12/2018 9:55	22.21	92.1	6.57	3.8	SR13	12/12/2018 15:55	21.26	81.1	5.85	10.0	SR13	12/12/2018 21:55	22.25	91.2	6.47	4.2
SR13	12/12/2018 4:00	21.43	79.6	5.34	10.0	SR13	12/12/2018 10:00	22.17	91.8	6.55	2.9	SR13						SR13	12/12/2018 22:00	22.24	92.0	6.52	3.4
SR13	12/12/2018 4:05	21.43	78.8	5.28	11.2	SR13	12/12/2018 10:05	22.18	92.3	6.58	5.4	SR13						SR13	12/12/2018 22:05	22.22	91.4	6.48	3.4
SR13	12/12/2018 4:10	21.43	84.6	5.85	10.0	SR13	12/12/2018 10:10	22.19	90.3	6.44	4.9	SR13						SR13	12/12/2018 22:10	22.24	91.4	6.48	3.5
SR13	12/12/2018 4:15	21.43	85.0	5.89	11.6	SR13	12/12/2018 10:15	22.20	91.9	6.55	6.0	SR13						SR13	12/12/2018 22:15	22.21	90.0	6.38	5.8
SR13	12/12/2018 4:20	21.42	84.7	5.87	11.7	SR13	12/12/2018 10:20	22.20	91.1	6.50	5.1	SR13	12/12/2018 16:20	21.23	81.8	6.00	9.4	SR13	12/12/2018 22:20	22.25	92.0	6.53	4.5
SR13	12/12/2018 4:25	21.42	85.5	5.92	10.5	SR13	12/12/2018 10:25	21.34	80.3	5.39	11.7	SR13	12/12/2018 16:25	21.24	81.9	6.01	9.7	SR13	12/12/2018 22:25	22.24	91.5	6.49	4.4
SR13	12/12/2018 4:30	21.43	78.0	5.23	10.8	SR13	12/12/2018 10:30	21.34	80.4	5.39	9.7	SR13	12/12/2018 16:30	21.24	81.8	5.97	9.7	SR13	12/12/2018 22:30	22.23	91.6	6.50	4.4
SR13	12/12/2018 4:35	21.42	78.6	5.27	10.7	SR13	12/12/2018 10:35	21.34	80.4	5.40	9.3	SR13	12/12/2018 16:35	21.25	81.6	5.95	9.7	SR13	12/12/2018 22:35	22.22	90.9	6.45	2.8
SR13	12/12/2018 4:40	21.43	77.5	**5.20**	10.6	SR13	12/12/2018 10:40	21.37	79.2	5.31	11.3	SR13	12/12/2018 16:40	21.24	81.8	5.95	10.8	SR13	12/12/2018 22:40	22.21	90.8	6.44	3.5
SR13	12/12/2018 4:45	21.43	78.9	5.29	10.4	SR13	12/12/2018 10:45	21.37	78.9	5.29	10.6	SR13	12/12/2018 16:45	21.24	82.0	5.97	10.2	SR13	12/12/2018 22:45	22.24	91.3	6.48	2.7
SR13	12/12/2018 4:50	21.42	78.8	5.28	9.5	SR13	12/12/2018 10:50	21.33	80.4	5.40	11.4	SR13	12/12/2018 16:50	21.24	82.1	6.00	10.0	SR13	12/12/2018 22:50	22.22	91.8	6.51	4.3
SR13	12/12/2018 4:55	21.42	79.1	5.30	11.8	SR13	12/12/2018 10:55	21.33	80.4	5.40	11.7	SR13	12/12/2018 16:55	21.23	82.2	5.99	11.7	SR13	12/12/2018 22:55	22.21	90.8	6.44	4.6
SR13	12/12/2018 5:00	21.43	78.9	5.29	11.6	SR13	12/12/2018 11:00	21.33	80.1	5.38	10.7	SR13	12/12/2018 17:00	21.23	82.3	6.00	10.4	SR13	12/12/2018 23:00	22.22	91.8	6.51	4.7
SR13	12/12/2018 5:05	21.42	79.0	5.29	10.9	SR13	12/12/2018 11:05	21.32	80.3	5.39	9.4	SR13	12/12/2018 17:05	21.22	82.3	6.01	9.3	SR13	12/12/2018 23:05	22.24	90.9	6.45	4.5
SR13	12/12/2018 5:10	21.42	79.4	5.32	9.3	SR13	12/12/2018 11:10	21.31	80.3	5.39	11.0	SR13	12/12/2018 17:10	21.22	82.5	6.02	10.4	SR13	12/12/2018 23:10	22.24	91.1	6.47	4.1
SR13	12/12/2018 5:15	21.46	77.0	**5.16**	10.8	SR13	12/12/2018 11:15	21.32	80.1	5.38	11.0	SR13	12/12/2018 17:15	21.21	82.6	6.03	11.0	SR13	12/12/2018 23:15	22.20	92.5	6.56	3.8
SR13	12/12/2018 5:20	21.40	80.5	5.40	11.3	SR13	12/12/2018 11:20	21.31	80.2	5.39	10.8	SR13	12/12/2018 17:20	22.16	92.5	6.56	1.0	SR13	12/12/2018 23:20	22.23	92.1	6.53	3.7
SR13	12/12/2018 5:25	21.42	79.8	5.35	9.6	SR13	12/12/2018 11:25	21.32	80.1	5.38	11.0	SR13	12/12/2018 17:25	22.16	92.7	6.57	4.6	SR13	12/12/2018 23:25	22.22	90.4	6.41	5.4
SR13	12/12/2018 5:30	21.42	79.8	5.35	11.4	SR13	12/12/2018 11:30	21.31	80.1	5.38	9.9	SR13	12/12/2018 17:30	22.20	93.1	6.60	2.9	SR13	12/12/2018 23:30	22.24	91.1	6.46	4.6
SR13	12/12/2018 5:35	21.41	79.8	5.35	9.7	SR13	12/12/2018 11:35	21.32	80.0	5.37	10.9	SR13	12/12/2018 17:35	22.20	92.3	6.55	4.9	SR13	12/12/2018 23:35	22.25	91.9	6.51	4.9
SR13	12/12/2018 5:40	21.97	92.3	6.57	2.4	SR13	12/12/2018 11:40	21.32	79.8	5.36	9.6	SR13	12/12/2018 17:40	22.18	91.2	6.47	4.9	SR13	12/12/2018 23:40	22.21	90.3	6.40	3.2
SR13	12/12/2018 5:45	21.99	92.4	6.57	4.0	SR13	12/12/2018 11:45	21.31	79.9	5.36	10.3	SR13	12/12/2018 17:45	22.22	91.5	6.49	3.0	SR13	12/12/2018 23:45	22.20	91.8	6.51	4.0
SR13	12/12/2018 5:50	21.98	91.5	6.51	4.0	SR13	12/12/2018 11:50	21.32	80.2	5.39	10.6	SR13	12/12/2018 17:50	22.21	91.7	6.50	2.2	SR13	12/12/2018 23:50	22.23	90.8	6.44	5.0
SR13	12/12/2018 5:55	22.16	91.3	6.49	4.2	SR13	12/12/2018 11:55	21.31	80.7	5.42	10.1	SR13	12/12/2018 17:55	22.21	91.5	6.48	3.5	SR13	12/12/2018 23:55	22.23	91.4	6.48	4.3

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	12/12/2018 0:17	0.06				SR12	12/12/2018 0:17	0.04			
SR4	12/12/2018 0:37	0.04				SR12	12/12/2018 0:37	0.04			
SR4	12/12/2018 0:57	0.06				SR12	12/12/2018 0:57	0.04			
SR4	12/12/2018 1:17	0.06				SR12	12/12/2018 1:17	0.05			
SR4	12/12/2018 1:37	0.05				SR12	12/12/2018 1:37	0.08			
SR4	12/12/2018 1:57	0.04				SR12	12/12/2018 1:57	0.06			
SR4	12/12/2018 2:17	0.07				SR12	12/12/2018 2:17	0.08			
SR4	12/12/2018 2:37	0.06				SR12	12/12/2018 2:37	0.06			
SR4	12/12/2018 2:57	0.04				SR12	12/12/2018 2:57	0.06			
SR4	12/12/2018 3:17	0.06				SR12	12/12/2018 3:17	0.07			
SR4	12/12/2018 3:37	0.05				SR12	12/12/2018 3:37	0.04			
SR4	12/12/2018 3:57	0.05				SR12	12/12/2018 3:57	0.04			
SR4	12/12/2018 4:17	0.05				SR12	12/12/2018 4:17	0.05			
SR4	12/12/2018 4:37	0.06				SR12	12/12/2018 4:37	0.05			
SR4	12/12/2018 4:57	0.04				SR12	12/12/2018 4:57	0.06			
SR4	12/12/2018 5:17	0.07				SR12	12/12/2018 5:17	0.03			
SR4	12/12/2018 5:37	0.06				SR12	12/12/2018 5:37	0.05			
SR4	12/12/2018 5:57	0.06				SR12	12/12/2018 5:57	0.07			
SR4						SR12					
SR4	12/12/2018 6:37	0.04				SR12	12/12/2018 6:37	0.03			
SR4	12/12/2018 6:57	0.04				SR12	12/12/2018 6:57	0.08			
SR4	12/12/2018 7:17	0.06				SR12	12/12/2018 7:17	0.06			
SR4	12/12/2018 7:37	0.04				SR12	12/12/2018 7:37	0.06			
SR4	12/12/2018 7:57	0.06				SR12	12/12/2018 7:57	0.07			
SR4	12/12/2018 8:17	0.06				SR12	12/12/2018 8:17	0.06			
SR4	12/12/2018 8:37	0.07				SR12	12/12/2018 8:37	0.04			
SR4	12/12/2018 8:57	0.06				SR12	12/12/2018 8:57	0.06			
SR4	12/12/2018 9:17	0.04				SR12	12/12/2018 9:17	0.03			
SR4	12/12/2018 9:37	0.05				SR12	12/12/2018 9:37	0.08			
SR4	12/12/2018 9:57	0.07				SR12	12/12/2018 9:57	0.04			
SR4	12/12/2018 10:17	0.05				SR12	12/12/2018 10:17	0.04			
SR4						SR12	12/12/2018 10:37	0.04			
SR4						SR12	12/12/2018 10:57	0.05			
SR4						SR12	12/12/2018 11:17	0.05			
SR4						SR12	12/12/2018 11:37	0.04			
SR4						SR12	12/12/2018 11:57	0.07			
SR4	12/12/2018 12:17	0.04				SR12	12/12/2018 12:17	0.04			
SR4	12/12/2018 12:37	0.05				SR12	12/12/2018 12:37	0.05			
SR4	12/12/2018 12:57	0.06				SR12	12/12/2018 12:57	0.06			
SR4	12/12/2018 13:17	0.05				SR12					
SR4	12/12/2018 13:37	0.07				SR12					
SR4	12/12/2018 13:57	0.06				SR12					
SR4	12/12/2018 14:17	0.05				SR12					
SR4	12/12/2018 14:37	0.05				SR12	12/12/2018 14:37	0.05			
SR4	12/12/2018 14:57	0.06				SR12	12/12/2018 14:57	0.03			
SR4	12/12/2018 15:17	0.07				SR12	12/12/2018 15:17	0.07			
SR4	12/12/2018 15:37	0.04				SR12	12/12/2018 15:37	0.08			
SR4	12/12/2018 15:57	0.06				SR12	12/12/2018 15:57	0.08			
SR4	12/12/2018 16:17	0.04				SR12	12/12/2018 16:17	0.07			
SR4	12/12/2018 16:37	0.05				SR12	12/12/2018 16:37	0.07			
SR4	12/12/2018 16:57	0.07				SR12	12/12/2018 16:57	0.10			
SR4	12/12/2018 17:17	0.07				SR12	12/12/2018 17:17	0.08			
SR4	12/12/2018 17:37	0.06				SR12	12/12/2018 17:37	0.03			
SR4	12/12/2018 17:57	0.06				SR12	12/12/2018 17:57	0.10			
SR4	12/12/2018 18:17	0.09				SR12	12/12/2018 18:17	0.10			
SR4	12/12/2018 18:37	0.07				SR12	12/12/2018 18:37	0.03			
SR4	12/12/2018 18:57	0.05				SR12	12/12/2018 18:57	0.06			
SR4	12/12/2018 19:17	0.08				SR12	12/12/2018 19:17	0.04			
SR4	12/12/2018 19:37	0.07				SR12	12/12/2018 19:37	0.10			
SR4	12/12/2018 19:57	0.09				SR12	12/12/2018 19:57	0.07			
SR4	12/12/2018 20:17	0.08				SR12	12/12/2018 20:17	0.10			
SR4	12/12/2018 20:37	0.07				SR12	12/12/2018 20:37	0.04			
SR4	12/12/2018 20:57	0.08				SR12	12/12/2018 20:57	0.08			
SR4	12/12/2018 21:17	0.08				SR12	12/12/2018 21:17	0.10			
SR4	12/12/2018 21:37	0.05				SR12	12/12/2018 21:37	0.04			
SR4	12/12/2018 21:57	0.08				SR12	12/12/2018 21:57	0.08			
SR4	12/12/2018 22:17	0.09				SR12	12/12/2018 22:17	0.06			
SR4	12/12/2018 22:37	0.05				SR12	12/12/2018 22:37	0.16			
SR4	12/12/2018 22:57	0.05				SR12	12/12/2018 22:57	0.14			
SR4	12/12/2018 23:17	0.05				SR12	12/12/2018 23:17	0.10			
SR4	12/12/2018 23:37	0.08				SR12	12/12/2018 23:37	0.12			
SR4	12/12/2018 23:57	0.08				SR12	12/12/2018 23:57	0.10			

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 10:36-11:41.
SR12 monitoring station was under maintenance during 13:06-14:06.
SR13 monitoring station was under maintenance during 15:55-16:20.

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/13/2018 0:01	21.39	81.4	5.95	2.4	SR4	12/13/2018 6:01	21.40	75.4	5.51	4.3	SR4	12/13/2018 12:01	21.28	85.0	6.22	2.0	SR4	12/13/2018 18:01	21.27	79.4	5.82	2.7
SR4	12/13/2018 0:06	21.39	82.7	6.05	4.6	SR4	12/13/2018 6:06	21.38	76.2	5.57	2.6	SR4	12/13/2018 12:06	21.31	84.0	6.15	2.1	SR4	12/13/2018 18:06	21.26	80.9	5.93	3.2
SR4	12/13/2018 0:11	21.39	82.2	6.01	2.9	SR4	12/13/2018 6:11	21.37	77.0	5.63	1.3	SR4	12/13/2018 12:11	21.30	84.0	6.15	1.9	SR4	12/13/2018 18:11	21.23	79.9	5.86	1.9
SR4	12/13/2018 0:16	21.39	82.2	6.01	2.8	SR4	12/13/2018 6:16	21.39	77.0	5.63	1.1	SR4	12/13/2018 12:16	21.32	83.9	6.14	1.4	SR4	12/13/2018 18:16	21.25	82.0	6.01	3.1
SR4	12/13/2018 0:21	21.39	81.8	5.98	2.5	SR4	12/13/2018 6:21	21.37	76.5	5.60	2.5	SR4	12/13/2018 12:21	21.30	84.2	6.16	1.4	SR4	12/13/2018 18:21	21.20	80.3	5.89	1.5
SR4	12/13/2018 0:26	21.39	82.1	6.00	1.9	SR4	12/13/2018 6:26	21.39	74.4	5.44	1.0	SR4	12/13/2018 12:26	21.29	84.4	6.18	2.3	SR4	12/13/2018 18:26	21.24	79.9	5.86	2.9
SR4	12/13/2018 0:31	21.39	82.6	6.04	2.3	SR4	12/13/2018 6:31	21.39	72.5	5.30	2.9	SR4	12/13/2018 12:31	21.29	84.1	6.16	2.7	SR4	12/13/2018 18:31	21.24	77.7	5.69	2.0
SR4	12/13/2018 0:36	21.39	82.8	6.06	2.4	SR4	12/13/2018 6:36	21.38	74.7	5.46	3.6	SR4	12/13/2018 12:36	21.30	85.2	6.24	2.7	SR4	12/13/2018 18:36	21.22	79.9	5.86	2.6
SR4	12/13/2018 0:41	21.39	82.0	5.99	4.1	SR4	12/13/2018 6:41	21.33	77.4	5.67	1.9	SR4	12/13/2018 12:41	21.30	84.6	6.19	2.4	SR4	12/13/2018 18:41	21.21	80.9	5.93	2.4
SR4	12/13/2018 0:46	21.39	81.9	5.99	2.1	SR4	12/13/2018 6:46	21.29	78.8	5.77	2.5	SR4	12/13/2018 12:46	21.29	84.1	6.16	2.3	SR4	12/13/2018 18:46	21.21	81.2	5.95	2.0
SR4	12/13/2018 0:51	21.39	81.4	5.95	2.9	SR4	12/13/2018 6:51	21.34	77.0	5.64	1.7	SR4	12/13/2018 12:51	21.30	84.2	6.17	2.3	SR4	12/13/2018 18:51	21.22	81.0	5.94	2.4
SR4	12/13/2018 0:56	21.39	82.0	5.99	2.5	SR4	12/13/2018 6:56	21.33	76.8	5.62	2.3	SR4	12/13/2018 12:56	21.30	84.9	6.22	2.0	SR4	12/13/2018 18:56	21.23	82.3	6.03	2.8
SR4	12/13/2018 1:01	21.39	82.4	6.02	2.4	SR4	12/13/2018 7:01	21.31	76.6	5.61	1.6	SR4	12/13/2018 13:01	21.29	85.0	6.22	1.7	SR4	12/13/2018 19:01	21.24	81.8	6.00	2.9
SR4	12/13/2018 1:06	21.38	81.3	5.95	1.7	SR4	12/13/2018 7:06	21.32	79.6	5.83	5.6	SR4	12/13/2018 13:06	21.28	84.9	6.22	3.9	SR4	12/13/2018 19:06	21.23	82.4	6.04	2.9
SR4	12/13/2018 1:11	21.37	82.3	6.01	3.4	SR4	12/13/2018 7:11	21.32	79.0	5.78	3.8	SR4	12/13/2018 13:11	21.30	83.4	6.11	2.3	SR4	12/13/2018 19:11	21.24	81.6	5.98	2.3
SR4	12/13/2018 1:16	21.38	81.8	5.98	2.3	SR4	12/13/2018 7:16	21.33	80.5	5.89	3.9	SR4	12/13/2018 13:16	21.28	83.2	6.10	3.2	SR4	12/13/2018 19:16	21.21	82.4	6.05	3.2
SR4	12/13/2018 1:21	21.37	80.9	5.92	1.6	SR4	12/13/2018 7:21	21.32	80.9	5.92	5.4	SR4	12/13/2018 13:21	21.28	83.2	6.09	2.9	SR4	12/13/2018 19:21	21.23	81.6	5.98	2.8
SR4	12/13/2018 1:26	21.37	79.7	5.83	1.5	SR4	12/13/2018 7:26	21.31	81.8	5.98	4.0	SR4	12/13/2018 13:26	21.25	83.3	6.11	2.4	SR4	12/13/2018 19:26	21.24	78.9	5.79	1.7
SR4	12/13/2018 1:31	21.38	80.3	5.87	1.5	SR4	12/13/2018 7:31	21.30	81.9	5.99	3.0	SR4	12/13/2018 13:31	21.28	83.3	6.10	2.6	SR4	12/13/2018 19:31	21.23	81.4	5.97	2.9
SR4	12/13/2018 1:36	21.37	80.8	5.91	1.3	SR4	12/13/2018 7:36	21.30	82.3	6.02	4.0	SR4	12/13/2018 13:36	21.28	83.0	6.08	2.0	SR4	12/13/2018 19:36	21.23	82.5	6.05	2.3
SR4	12/13/2018 1:41	21.38	80.3	5.87	1.2	SR4	12/13/2018 7:41	21.27	84.7	6.20	3.5	SR4	12/13/2018 13:41	21.29	83.1	6.08	1.8	SR4	12/13/2018 19:41	21.23	82.2	6.03	2.3
SR4	12/13/2018 1:46	21.38	79.8	5.83	1.3	SR4	12/13/2018 7:46	21.26	84.8	6.21	4.1	SR4	12/13/2018 13:46	21.32	82.2	6.01	1.5	SR4	12/13/2018 19:46	21.22	82.6	6.05	3.2
SR4	12/13/2018 1:51	21.38	80.1	5.86	1.1	SR4	12/13/2018 7:51	21.24	84.9	6.22	3.3	SR4	12/13/2018 13:51	21.32	83.3	6.10	2.5	SR4	12/13/2018 19:51	21.22	82.5	6.05	3.1
SR4	12/13/2018 1:56	21.38	80.1	5.85	1.1	SR4	12/13/2018 7:56	21.26	86.6	6.34	3.9	SR4	12/13/2018 13:56	21.30	82.0	6.00	2.2	SR4	12/13/2018 19:56	21.22	82.4	6.04	2.9
SR4	12/13/2018 2:01	21.38	79.8	5.83	1.2	SR4	12/13/2018 8:01	21.26	86.8	6.35	3.7	SR4	12/13/2018 14:01	21.30	83.4	6.10	3.0	SR4	12/13/2018 20:01	21.21	82.3	6.04	2.6
SR4	12/13/2018 2:06	21.38	80.1	5.85	1.2	SR4	12/13/2018 8:06	21.21	86.2	6.32	2.8	SR4	12/13/2018 14:06	21.30	82.6	6.05	2.5	SR4	12/13/2018 20:06	21.21	82.3	6.04	2.0
SR4	12/13/2018 2:11	21.38	79.6	5.82	1.5	SR4	12/13/2018 8:11	21.23	85.3	6.25	2.7	SR4	12/13/2018 14:11	21.30	82.8	6.06	2.1	SR4	12/13/2018 20:11	21.20	82.2	6.03	2.2
SR4	12/13/2018 2:16	21.38	78.9	5.77	4.2	SR4	12/13/2018 8:16	21.25	85.6	6.27	2.2	SR4	12/13/2018 14:16	21.28	83.0	6.08	2.3	SR4	12/13/2018 20:16	21.21	82.3	6.04	2.5
SR4	12/13/2018 2:21	21.38	79.9	5.84	1.4	SR4	12/13/2018 8:21	21.26	87.9	6.43	4.1	SR4	12/13/2018 14:21	21.28	82.5	6.04	1.8	SR4	12/13/2018 20:21	21.21	82.3	6.04	2.9
SR4	12/13/2018 2:26	21.37	80.8	5.91	1.4	SR4	12/13/2018 8:26	21.26	88.9	6.50	3.2	SR4	12/13/2018 14:26	21.32	81.4	5.96	1.2	SR4	12/13/2018 20:26	21.22	81.6	5.98	2.4
SR4	12/13/2018 2:31	21.38	80.4	5.88	1.5	SR4	12/13/2018 8:31	21.19	86.9	6.37	2.8	SR4	12/13/2018 14:31	21.32	82.4	6.03	1.2	SR4	12/13/2018 20:31	21.22	81.8	6.00	2.3
SR4	12/13/2018 2:36	21.38	79.0	5.78	1.2	SR4	12/13/2018 8:36	21.17	85.6	6.27	2.8	SR4	12/13/2018 14:36	21.30	82.3	6.03	1.8	SR4	12/13/2018 20:36	21.22	81.1	5.95	1.9
SR4	12/13/2018 2:41	21.38	80.7	5.90	1.9	SR4	12/13/2018 8:41	21.25	84.5	6.19	2.5	SR4	12/13/2018 14:41	21.33	81.2	5.95	1.5	SR4	12/13/2018 20:41	21.21	81.0	5.94	1.9
SR4	12/13/2018 2:46	21.38	77.6	5.67	1.2	SR4	12/13/2018 8:46	21.23	85.6	6.27	2.7	SR4	12/13/2018 14:46	21.31	80.8	5.92	2.0	SR4	12/13/2018 20:46	21.19	80.9	5.93	1.7
SR4	12/13/2018 2:51	21.38	80.2	5.86	1.8	SR4	12/13/2018 8:51	21.27	85.9	6.29	3.4	SR4	12/13/2018 14:51	21.31	82.7	6.05	1.3	SR4	12/13/2018 20:51	21.22	79.1	5.80	2.6
SR4	12/13/2018 2:56	21.37	81.9	5.99	1.6	SR4	12/13/2018 8:56	21.25	87.5	6.41	3.5	SR4	12/13/2018 14:56	21.31	81.7	5.98	2.5	SR4	12/13/2018 20:56	21.22	78.7	5.77	1.5
SR4	12/13/2018 3:01	21.37	81.3	5.95	1.8	SR4	12/13/2018 9:01	21.23	87.4	6.40	3.5	SR4	12/13/2018 15:01	21.32	81.8	5.98	2.2	SR4	12/13/2018 21:01	21.22	78.8	5.78	1.7
SR4	12/13/2018 3:06	21.37	80.7	5.90	1.2	SR4	12/13/2018 9:06	21.27	85.9	6.29	2.2	SR4	12/13/2018 15:06	21.30	81.9	6.00	2.2	SR4	12/13/2018 21:06	21.20	78.5	5.76	2.2
SR4	12/13/2018 3:11	21.37	80.7	5.90	1.5	SR4	12/13/2018 9:11	21.28	87.2	6.38	3.1	SR4	12/13/2018 15:11	21.31	81.1	5.93	2.4	SR4	12/13/2018 21:11	21.20	78.2	5.74	1.7
SR4	12/13/2018 3:16	21.38	80.4	5.87	1.7	SR4	12/13/2018 9:16	21.26	86.2	6.31	3.3	SR4	12/13/2018 15:16	21.32	81.5	5.96	1.3	SR4	12/13/2018 21:16	21.17	78.1	5.74	1.2
SR4	12/13/2018 3:21	21.36	80.8	5.91	1.5	SR4	12/13/2018 9:21	21.26	86.7	6.34	2.8	SR4	12/13/2018 15:21	21.34	81.3	5.95	1.0	SR4	12/13/2018 21:21	21.19	78.7	5.78	1.2
SR4	12/13/2018 3:26	21.35	81.2	5.94	1.9	SR4	12/13/2018 9:26	21.28	87.2	6.38	3.2	SR4	12/13/2018 15:26	21.32	80.3	5.88	1.5	SR4	12/13/2018 21:26	21.22	79.5	5.83	2.1
SR4	12/13/2018 3:31	21.36	78.4	5.74	1.2	SR4	12/13/2018 9:31	21.27	87.4	6.40	2.5	SR4	12/13/2018 15:31	21.31	80.2	5.87	2.1	SR4	12/13/2018 21:31	21.21	80.1	5.88	2.1
SR4	12/13/2018 3:36	21.35	79.1	5.79	1.5	SR4	12/13/2018 9:36	21.26	87.9	6.44	3.7	SR4	12/13/2018 15:36	21.30	80.6	5.90	4.9	SR4	12/13/2018 21:36	21.20	80.1	5.88	1.8
SR4	12/13/2018 3:41	21.36	79.3	5.80	3.4	SR4	12/13/2018 9:41	21.27	88.0	6.44	4.4	SR4	12/13/2018 15:41	21.29	80.4	5.89	1.8	SR4	12/13/2018 21:41	21.20	80.7	5.92	1.5
SR4	12/13/2018 3:46	21.35	79.8	5.84	1.6	SR4	12/13/2018 9:46	21.28	87.3	6.39	3.7	SR4	12/13/2018 15:46	21.30	78.7	5.76	1.8	SR4	12/13/2018 21:46	21.19	81.0	5.94	3.1
SR4	12/13/2018 3:51	21.35	79.4	5.81	1.3	SR4	12/13/2018 9:51	21.30	86.4	6.32	3.2	SR4	12/13/2018 15:51	21.33	78.2	5.72	1.1	SR4	12/13/2018 21:51	21.17	79.7	5.85	3.1
SR4	12/13/2018 3:56	21.35	77.4	5.66	5.0	SR4	12/13/2018 9:56	21.26	86.0	6.29	3.4	SR4	12/13/2018 15:56	21.31	79.6	5.83	2.2	SR4	12/13/2018 21:56	21.17	77.3	5.67	1.7
SR4	12/13/2018 4:01	21.35	78.5	5.74	2.5	SR4	12/13/2018 10:01	21.28	85.5	6.25	2.5	SR4	12/13/2018 16:01	21.30	80.2	5.87	1.9	SR4	12/13/2018 22:01	21.18	74.5	5.47	4.7
SR4	12/13/2018 4:06	21.36	75.9	5.55	1.0	SR4	12/13/2018 10:06	21.23	84.5	6.20	2.1	SR4	12/13/2018 16:06	21.29	81.0	5.93	2.5	SR4	12/13/2018 22:06	21.20	76.3	5.60	1.5
SR4	12/13/2018 4:11	21.35	77.8	5.69	1.3	SR4	12/13/2018 10:11	21.26	85.2	6.24	2.6	SR4	12/13/2018 16:11	21.29	80.2	5.87	1.9	SR4	12/13/2018 22:11	21.19	78.4	5.75	3.0
SR4	12/13/2018 4:16	21.33	79.2	5.80	5.8	SR4	12/13/2018 10:16	21.27	85.7	6.28	2.2	SR4	12/13/2018 16:16	21.29	79.2	5.80	2.4	SR4	12/13/2018 22:16	21.17	78.8	5.78	2.3
SR4	12/13/2018 4:21	21.33	81.0	5.92	1.4	SR4	12/13/2018 10:21	21.26	85.9	6.29	2.2	SR4	12/13/2018 16:21	21.29	79.8	5.85	2.4	SR4	12/13/2018 22:21	21.18	78.2	5.74	1.4
SR4	12/13/2018 4:26	21.35	78.9	5.77	1.0	SR4	12/13/2018 10:26	21.26	86.1	6.31	2.3	SR4	12/13/2018 16:26	21.28	79.6	5.83	2.7	SR4	12/13/2018 22:26	21.20	78.4	5.75	1.4
SR4	12/13/2018 4:31	21.32	78.9	5.78	1.0	SR4	12/13/2018 10:31	21.25	86.3	6.32	2.6	SR4	12/13/2018 16:31	21.27	80.4	5.89	2.6	SR4	12/13/2018 22:31	21.20	77.3	5.67	1.1
SR4	12/13/2018 4:36	21.37	77.5	5.67	4.5	SR4	12/13/2018 10:36	21.25	86.3	6.32	3.4	SR4	12/13/2018 16:36	21.28	79.5	5.82	2.7	SR4	12/13/2018 22:36	21.20	79.0	5.79	2.6
SR4	12/13/2018 4:41	21.34	78.9	5.77	1.5	SR4	12/13/2018 10:41	21.26	86.5	6.33	2.3	SR4	12/13/2018 16:41	21.28	78.4	5.75	1.7	SR4	12/13/2018 22:41	21.20	79.2	5.81	2.0
SR4	12/13/2018 4:46	21.36	79.1	5.78	2.6	SR4	12/13/2018 10:46	21.26	86.6	6.34	2.9	SR4	12/13/2018 16:46	21.29	78.7	5.76	2.1	SR4	12/13/2018 22:46	21.19	79.5	5.83	1.7
SR4	12/13/2018 4:51	21.35	79.1	5.79	1.0	SR4	12/13/2018 10:51	21.25	85.9	6.29	2.5	SR4	12/13/2018 16:51	21.26	79.3	5.81	3.1	SR4	12/13/2018 22:51	21.19	80.1	5.87	2.1
SR4	12/13/2018 4:56	21.35	79.5	5.81	1.0	SR4	12/13/2018 10:56	21.23	85.6	6.27	2.5	SR4	12/13/2018 16:56	21.28	80.2	5.88	2.8	SR4	12/13/2018 22:56	21.19	79.3	5.82	1.8
SR4	12/13/2018 5:01	21.34	79.7	5.83	1.1	SR4	12/13/2018 11:01	21.26	85.9	6.29	2.6	SR4	12/13/2018 17:01	21.28	80.2	5.88	2.8	SR4	12/13/2018 23:01	21.19	80.6	5.91	2.7
SR4	12/13/2018 5:06	21.33	80.3	5.88	1.3	SR4	12/13/2018 11:06	21.26	85.7	6.27	2.7	SR4	12/13/2018 17:06	21.27	80.0	5.86	2.5	SR4	12/13/2018 23:06	21.19	81.1	5.95	2.6
SR4	12/13/2018 5:11	21.34	79.1	5.78	1.7	SR4	12/13/2018 11:11	21.28	85.8	6.28	1.9	SR4	12/13/2018 17:11	21.27	81.9	6.00	4.5	SR4	12/13/2018 23:11	21.19	81.7	5.99	2.4
SR4	12/13/2018 5:16	21.34	79.4	5.81	1.8	SR4	12/13/2018 11:16	21.28	85.8	6.28	1.9	SR4	12/13/2018 17:16	21.27	80.5	5.90	2.9	SR4	12/13/2018 23:16	21.17	79.9	5.86	2.9
SR4	12/13/2018 5:21	21.33	80.4	5.88	2.1	SR4	12/13/2018 11:21	21.27	85.2	6.24	1.5	SR4	12/13/2018 17:21	21.28	79.9	5.85	4.3	SR4	12/13/2018 23:21	21.18	80.7	5.92	1.9
SR4	12/13/2018 5:26	21.34	80.2	5.87	1.6	SR4	12/13/2018 11:26	21.27	85.1	6.23	2.7	SR4	12/13/2018 17:26	21.26	80.9	5.93	2.9	SR4	12/13/2018 23:26	21.18	81.5	5.98	2.6
SR4	12/13/2018 5:31	21.33	80.1	5.86	4.2	SR4	12/13/2018 11:31	21.26	85.4	6.25	2.1	SR4	12/13/2018 17:31	21.26	79.1	5.80	1.6	SR4	12/13/2018 23:31	21.18	82.2	6.03	2.8
SR4	12/13/2018 5:36	21.34	79.9	5.85	4.9	SR4	12/13/2018 11:36	21.26	85.0	6.23	1.9	SR4	12/13/2018 17:36	21.25	80.2	5.88	2.1	SR4	12/13/2018 23:36	21.19	81.4	5.97	2.4
SR4	12/13/2018 5:41	21.35	78.3	5.73	1.4	SR4	12/13/2018 11:41	21.27	84.6	6.19	3.1	SR4	12/13/2018 17:41	21.22	79.8	5.85	1.9	SR4	12/13/2018 23:41	21.19	81.2	5.96	2.5
SR4	12/13/2018 5:46	21.38	76.8	5.62	1.7	SR4	12/13/2018 11:46	21.27	84.6	6.19	1.9	SR4	12/13/2018 17:46	21.22	78.7	5.77	1.8	SR4	12/13/2018 23:46	21.18	81.8	6.00	2.5
SR4	12/13/2018 5:51	21.38	78.3	5.72	1.0	SR4	12/13/2018 11:51	21.26	84.4	6.18	3.1	SR4	12/13/2018 17:51	21.24	79.9	5.86	3.4	SR4	12/13/2018 23:51	21.19	82.0	6.01	1.7
SR4	12/13/2018 5:56	21.43	68.0	4.97	4.9	SR4	12/13/2018 11:56	21.28	84.3	6.17	2.3	SR4	12/13/2018 17:56	21.24	79.1	5.80	3.1	SR4	12/13/2018 23:56	21.18	82.0	6.02	3.1

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/13/2018 0:00	22.01	87.9	6.33	3.8	SR5	12/13/2018 6:00	21.93	87.2	6.28	3.9	SR5	12/13/2018 12:00	21.96	88.4	6.37	2.2	SR5	12/13/2018 18:00	21.57	87.7	6.32	3.8
SR5	12/13/2018 0:05	21.98	89.1	6.41	3.0	SR5	12/13/2018 6:05	21.93	86.3	6.22	2.9	SR5	12/13/2018 12:05	21.94	89.5	6.45	1.9	SR5	12/13/2018 18:05	21.59	87.2	6.28	3.1
SR5	12/13/2018 0:10	22.02	87.5	6.30	3.3	SR5	12/13/2018 6:10	21.95	86.8	6.25	3.9	SR5	12/13/2018 12:10	21.98	89.0	6.41	1.8	SR5	12/13/2018 18:10	21.60	87.5	6.31	1.9
SR5	12/13/2018 0:15	21.98	88.3	6.36	3.1	SR5	12/13/2018 6:15	21.94	87.6	6.31	1.1	SR5	12/13/2018 12:15	21.95	88.9	6.41	2.0	SR5	12/13/2018 18:15	21.63	88.4	6.37	3.2
SR5	12/13/2018 0:20	21.97	89.3	6.43	2.7	SR5	12/13/2018 6:20	21.95	88.0	6.34	3.3	SR5	12/13/2018 12:20	21.93	88.1	6.35	3.7	SR5	12/13/2018 18:20	21.61	88.4	6.37	3.0
SR5	12/13/2018 0:25	22.00	89.3	6.43	2.8	SR5	12/13/2018 6:25	21.94	87.4	6.30	2.2	SR5	12/13/2018 12:25	21.93	88.4	6.37	2.4	SR5	12/13/2018 18:25	21.58	87.8	6.33	2.6
SR5	12/13/2018 0:30	22.00	90.1	6.48	2.0	SR5	12/13/2018 6:30	21.96	85.9	6.19	3.7	SR5						SR5	12/13/2018 18:30	21.62	87.0	6.27	4.2
SR5	12/13/2018 0:35	21.98	88.0	6.34	3.1	SR5	12/13/2018 6:35	21.95	86.1	6.20	3.0	SR5						SR5	12/13/2018 18:35	21.61	88.2	6.36	1.9
SR5	12/13/2018 0:40	22.01	89.1	6.42	3.2	SR5	12/13/2018 6:40	21.92	87.3	6.29	2.2	SR5						SR5	12/13/2018 18:40	21.60	86.7	6.25	4.4
SR5	12/13/2018 0:45	21.98	89.4	6.44	3.6	SR5	12/13/2018 6:45	21.94	87.6	6.31	2.6	SR5						SR5	12/13/2018 18:45	21.61	87.2	6.28	2.1
SR5	12/13/2018 0:50	22.01	89.8	6.46	2.2	SR5	12/13/2018 6:50	21.94	87.3	6.29	2.0	SR5	12/13/2018 12:50	21.93	89.6	6.46	3.6	SR5	12/13/2018 18:50	21.57	86.9	6.26	3.2
SR5	12/13/2018 0:55	22.02	89.0	6.41	2.3	SR5	12/13/2018 6:55	21.93	87.2	6.28	2.8	SR5	12/13/2018 12:55	21.94	89.3	6.43	3.3	SR5	12/13/2018 18:55	21.63	87.9	6.33	3.1
SR5	12/13/2018 1:00	21.96	89.5	6.45	3.4	SR5	12/13/2018 7:00	21.97	87.3	6.29	1.7	SR5	12/13/2018 13:00	21.95	87.8	6.33	3.5	SR5	12/13/2018 19:00	21.60	88.1	6.35	2.7
SR5	12/13/2018 1:05	21.96	87.5	6.30	3.9	SR5	12/13/2018 7:05	21.98	87.2	6.28	4.4	SR5	12/13/2018 13:05	21.95	90.0	6.49	4.2	SR5	12/13/2018 19:05	21.66	87.7	6.32	3.9
SR5	12/13/2018 1:10	22.00	88.7	6.39	3.9	SR5	12/13/2018 7:10	21.93	87.8	6.32	2.7	SR5	12/13/2018 13:10	21.92	87.9	6.33	2.9	SR5	12/13/2018 19:10	21.64	87.5	6.31	3.3
SR5	12/13/2018 1:15	22.01	89.4	6.44	2.0	SR5	12/13/2018 7:15	21.96	88.8	6.40	3.7	SR5	12/13/2018 13:15	21.93	88.2	6.36	3.4	SR5	12/13/2018 19:15	21.61	88.5	6.38	2.8
SR5	12/13/2018 1:20	21.98	89.2	6.42	4.1	SR5	12/13/2018 7:20	21.93	89.2	6.42	4.3	SR5	12/13/2018 13:20	21.96	89.2	6.43	2.2	SR5	12/13/2018 19:20	21.62	87.9	6.33	2.2
SR5	12/13/2018 1:25	21.98	88.4	6.36	2.2	SR5	12/13/2018 7:25	21.91	88.4	6.37	4.1	SR5	12/13/2018 13:25	21.97	87.4	6.30	3.5	SR5	12/13/2018 19:25	21.64	88.9	6.41	2.3
SR5	12/13/2018 1:30	22.01	87.9	6.33	3.7	SR5	12/13/2018 7:30	21.95	88.7	6.39	2.3	SR5	12/13/2018 13:30	21.91	87.5	6.30	4.4	SR5	12/13/2018 19:30	21.61	88.0	6.34	3.3
SR5	12/13/2018 1:35	22.00	88.0	6.33	2.2	SR5	12/13/2018 7:35	21.95	88.6	6.38	2.7	SR5	12/13/2018 13:35	21.94	88.1	6.35	3.0	SR5	12/13/2018 19:35	21.61	87.8	6.33	3.1
SR5	12/13/2018 1:40	21.97	89.4	6.43	2.4	SR5	12/13/2018 7:40	21.93	90.2	6.50	2.9	SR5	12/13/2018 13:40	21.97	88.0	6.34	2.0	SR5	12/13/2018 19:40	21.59	87.9	6.33	1.9
SR5	12/13/2018 1:45	21.95	88.2	6.35	2.0	SR5	12/13/2018 7:45	21.91	89.6	6.46	2.6	SR5	12/13/2018 13:45	21.96	87.5	6.31	2.4	SR5	12/13/2018 19:45	21.61	89.0	6.42	3.1
SR5	12/13/2018 1:50	22.01	88.4	6.36	2.6	SR5	12/13/2018 7:50	21.89	88.5	6.38	3.5	SR5	12/13/2018 13:50	21.93	89.3	6.43	2.2	SR5	12/13/2018 19:50	21.64	87.8	6.33	2.6
SR5	12/13/2018 1:55	21.98	88.1	6.34	3.9	SR5	12/13/2018 7:55	21.96	90.2	6.50	3.4	SR5	12/13/2018 13:55	21.93	89.2	6.43	3.5	SR5	12/13/2018 19:55	21.63	88.4	6.37	1.7
SR5	12/13/2018 2:00	22.01	88.1	6.34	1.8	SR5	12/13/2018 8:00	21.89	88.6	6.39	3.5	SR5	12/13/2018 14:00	21.95	89.5	6.45	2.9	SR5	12/13/2018 20:00	21.65	88.3	6.36	2.6
SR5	12/13/2018 2:05	22.02	86.9	6.25	3.4	SR5	12/13/2018 8:05	21.93	90.2	6.50	4.2	SR5	12/13/2018 14:05	21.95	87.7	6.32	2.4	SR5	12/13/2018 20:05	21.66	87.9	6.34	2.6
SR5	12/13/2018 2:10	22.00	87.6	6.31	3.3	SR5	12/13/2018 8:10	21.95	89.9	6.48	3.5	SR5	12/13/2018 14:10	21.96	89.4	6.44	1.8	SR5	12/13/2018 20:10	21.65	89.1	6.43	3.2
SR5	12/13/2018 2:15	22.01	86.7	6.25	2.8	SR5	12/13/2018 8:15	21.89	88.6	6.38	3.0	SR5	12/13/2018 14:15	21.93	89.0	6.41	3.0	SR5	12/13/2018 20:15	21.64	88.3	6.36	2.9
SR5	12/13/2018 2:20	21.96	87.6	6.30	1.9	SR5	12/13/2018 8:20	21.94	89.8	6.47	4.1	SR5	12/13/2018 14:20	21.93	88.0	6.34	4.1	SR5	12/13/2018 20:20	21.63	89.9	6.48	2.9
SR5	12/13/2018 2:25	21.98	87.9	6.33	2.7	SR5	12/13/2018 8:25	21.96	90.2	6.50	2.7	SR5	12/13/2018 14:25	21.93	88.6	6.38	3.3	SR5	12/13/2018 20:25	21.62	89.6	6.46	3.2
SR5	12/13/2018 2:30	22.00	88.1	6.34	2.1	SR5	12/13/2018 8:30	21.90	88.9	6.41	2.0	SR5	12/13/2018 14:30	21.96	87.3	6.29	2.1	SR5	12/13/2018 20:30	21.64	87.8	6.33	3.7
SR5	12/13/2018 2:35	21.97	88.9	6.40	1.4	SR5	12/13/2018 8:35	21.88	90.2	6.50	2.9	SR5	12/13/2018 14:35	21.93	89.4	6.44	2.5	SR5	12/13/2018 20:35	21.62	88.5	6.38	4.2
SR5	12/13/2018 2:40	21.97	87.9	6.33	3.1	SR5	12/13/2018 8:40	21.91	89.1	6.42	2.2	SR5	12/13/2018 14:40	21.94	87.9	6.34	3.2	SR5	12/13/2018 20:40	21.62	88.4	6.37	3.1
SR5	12/13/2018 2:45	22.02	88.6	6.38	2.9	SR5	12/13/2018 8:45	21.92	89.0	6.41	3.3	SR5	12/13/2018 14:45	21.96	87.7	6.32	2.7	SR5	12/13/2018 20:45	21.61	87.8	6.33	3.3
SR5	12/13/2018 2:50	22.01	88.4	6.36	2.8	SR5	12/13/2018 8:50	21.94	89.9	6.48	3.3	SR5	12/13/2018 14:50	21.99	89.2	6.43	3.7	SR5	12/13/2018 20:50	21.62	89.1	6.42	2.0
SR5	12/13/2018 2:55	21.98	88.1	6.35	2.1	SR5	12/13/2018 8:55	21.96	90.7	6.54	3.7	SR5	12/13/2018 14:55	21.98	88.5	6.37	3.9	SR5	12/13/2018 20:55	21.60	89.1	6.42	2.8
SR5	12/13/2018 3:00	22.03	89.4	6.44	3.3	SR5	12/13/2018 9:00	21.89	89.6	6.46	4.3	SR5	12/13/2018 15:00	21.98	87.2	6.28	3.6	SR5	12/13/2018 21:00	21.61	87.7	6.32	1.4
SR5	12/13/2018 3:05	21.95	88.9	6.40	1.8	SR5	12/13/2018 9:05	21.92	89.3	6.44	3.1	SR5	12/13/2018 15:05	21.65	88.7	6.39	3.0	SR5	12/13/2018 21:05	21.61	88.9	6.41	3.8
SR5	12/13/2018 3:10	21.96	89.5	6.44	3.7	SR5	12/13/2018 9:10	21.90	90.7	6.53	2.1	SR5	12/13/2018 15:10	21.64	86.7	6.24	4.0	SR5	12/13/2018 21:10	21.62	88.5	6.38	4.1
SR5	12/13/2018 3:15	21.97	88.1	6.34	3.8	SR5	12/13/2018 9:15	21.94	90.7	6.54	3.1	SR5	12/13/2018 15:15	21.66	87.6	6.31	4.0	SR5	12/13/2018 21:15	21.62	88.3	6.36	2.9
SR5	12/13/2018 3:20	21.98	87.3	6.29	2.7	SR5	12/13/2018 9:20	21.90	89.7	6.47	4.6	SR5	12/13/2018 15:20	21.66	88.1	6.35	2.3	SR5	12/13/2018 21:20	21.62	86.9	6.27	3.4
SR5	12/13/2018 3:25	21.93	87.6	6.31	3.0	SR5	12/13/2018 9:25	21.91	89.8	6.47	3.2	SR5	12/13/2018 15:25	21.67	87.3	6.29	3.6	SR5	12/13/2018 21:25	21.61	87.3	6.29	2.7
SR5	12/13/2018 3:30	21.96	86.9	6.26	2.6	SR5	12/13/2018 9:30	21.92	90.9	6.55	2.7	SR5	12/13/2018 15:30	21.67	88.0	6.34	2.2	SR5	12/13/2018 21:30	21.62	87.6	6.31	2.5
SR5	12/13/2018 3:35	21.96	86.8	6.25	3.2	SR5	12/13/2018 9:35	21.91	88.9	6.41	2.4	SR5	12/13/2018 15:35	21.69	88.6	6.38	2.9	SR5	12/13/2018 21:35	21.60	87.9	6.34	2.5
SR5	12/13/2018 3:40	21.99	87.9	6.33	2.8	SR5	12/13/2018 9:40	21.97	89.7	6.46	4.4	SR5	12/13/2018 15:40	21.69	87.0	6.27	3.2	SR5	12/13/2018 21:40	21.60	88.8	6.40	2.5
SR5	12/13/2018 3:45	21.96	87.5	6.30	2.1	SR5	12/13/2018 9:45	21.90	90.6	6.53	4.6	SR5	12/13/2018 15:45	21.66	86.5	6.23	1.9	SR5	12/13/2018 21:45	21.61	87.5	6.31	2.5
SR5	12/13/2018 3:50	21.96	87.8	6.32	2.2	SR5	12/13/2018 9:50	21.98	88.4	6.37	2.3	SR5	12/13/2018 15:50	21.68	88.1	6.34	2.9	SR5	12/13/2018 21:50	21.65	89.4	6.44	2.2
SR5	12/13/2018 3:55	21.94	85.9	6.19	4.8	SR5	12/13/2018 9:55	21.95	89.5	6.45	2.8	SR5	12/13/2018 15:55	21.68	86.3	6.21	2.8	SR5	12/13/2018 21:55	21.62	87.2	6.28	3.3
SR5	12/13/2018 4:00	21.98	86.7	6.24	3.5	SR5	12/13/2018 10:00	21.94	90.3	6.50	2.8	SR5	12/13/2018 16:00	21.69	86.8	6.25	3.6	SR5	12/13/2018 22:00	21.61	86.6	6.24	2.3
SR5	12/13/2018 4:05	21.95	87.0	6.27	2.1	SR5	12/13/2018 10:05	21.91	89.4	6.45	2.7	SR5	12/13/2018 16:05	21.69	86.8	6.26	3.5	SR5	12/13/2018 22:05	21.65	87.6	6.31	2.2
SR5	12/13/2018 4:10	21.99	88.2	6.35	3.5	SR5	12/13/2018 10:10	21.93	88.4	6.37	4.4	SR5	12/13/2018 16:10	21.68	87.4	6.30	2.6	SR5	12/13/2018 22:10	21.64	87.2	6.28	2.6
SR5	12/13/2018 4:15	21.94	86.5	6.23	3.3	SR5	12/13/2018 10:15	21.91	88.7	6.40	3.2	SR5	12/13/2018 16:15	21.65	86.4	6.22	2.0	SR5	12/13/2018 22:15	21.65	87.1	6.28	5.0
SR5	12/13/2018 4:20	21.99	87.4	6.30	1.4	SR5	12/13/2018 10:20	21.91	90.2	6.50	3.4	SR5	12/13/2018 16:20	21.69	86.0	6.20	3.9	SR5	12/13/2018 22:20	21.65	87.1	6.28	2.3
SR5	12/13/2018 4:25	22.00	88.3	6.36	2.8	SR5	12/13/2018 10:25	21.91	89.1	6.42	3.0	SR5	12/13/2018 16:25	21.69	87.3	6.29	1.8	SR5	12/13/2018 22:25	21.64	87.0	6.27	2.6
SR5	12/13/2018 4:30	21.97	86.9	6.26	3.4	SR5	12/13/2018 10:30	21.97	90.4	6.51	2.7	SR5	12/13/2018 16:30	21.66	86.5	6.23	3.2	SR5	12/13/2018 22:30	21.62	86.2	6.21	1.4
SR5	12/13/2018 4:35	21.98	86.1	6.20	4.1	SR5	12/13/2018 10:35	21.95	90.1	6.49	4.0	SR5	12/13/2018 16:35	21.66	86.9	6.26	2.1	SR5	12/13/2018 22:35	21.65	89.1	6.42	3.6
SR5	12/13/2018 4:40	21.95	88.5	6.37	2.9	SR5	12/13/2018 10:40	21.98	88.9	6.41	4.3	SR5	12/13/2018 16:40	21.65	87.4	6.30	3.7	SR5	12/13/2018 22:40	21.62	87.0	6.27	2.1
SR5	12/13/2018 4:45	21.99	86.5	6.23	2.5	SR5	12/13/2018 10:45	21.91	90.7	6.54	3.1	SR5	12/13/2018 16:45	21.64	87.3	6.29	3.9	SR5	12/13/2018 22:45	21.64	87.4	6.30	4.1
SR5	12/13/2018 4:50	21.92	88.4	6.37	2.1	SR5	12/13/2018 10:50	21.92	89.6	6.46	3.5	SR5	12/13/2018 16:50	21.63	86.6	6.24	2.6	SR5	12/13/2018 22:50	21.65	88.9	6.40	1.6
SR5	12/13/2018 4:55	21.92	88.6	6.38	2.6	SR5	12/13/2018 10:55	21.95	89.9	6.48	3.5	SR5	12/13/2018 16:55	21.65	87.0	6.27	2.7	SR5	12/13/2018 22:55	21.63	88.6	6.39	3.6
SR5	12/13/2018 5:00	21.95	88.0	6.34	2.6	SR5	12/13/2018 11:00	21.96	89.5	6.45	3.0	SR5	12/13/2018 17:00	21.63	87.8	6.33	2.9	SR5	12/13/2018 23:00	21.64	87.6	6.31	2.6
SR5	12/13/2018 5:05	21.91	88.8	6.40	2.5	SR5	12/13/2018 11:05	21.95	89.6	6.45	2.3	SR5	12/13/2018 17:05	21.61	87.3	6.29	3.1	SR5	12/13/2018 23:05	21.63	89.4	6.44	4.3
SR5	12/13/2018 5:10	21.98	87.5	6.30	2.6	SR5	12/13/2018 11:10	21.92	90.5	6.52	2.1	SR5	12/13/2018 17:10	21.61	88.7	6.39	4.1	SR5	12/13/2018 23:10	21.63	89.2	6.43	3.5
SR5	12/13/2018 5:15	21.99	86.4	6.22	2.4	SR5	12/13/2018 11:15	21.96	89.1	6.42	3.1	SR5	12/13/2018 17:15	21.64	87.5	6.30	3.8	SR5	12/13/2018 23:15	21.65	88.0	6.35	2.3
SR5	12/13/2018 5:20	21.96	87.0	6.27	3.9	SR5	12/13/2018 11:20	21.97	88.0	6.35	2.0	SR5	12/13/2018 17:20	21.60	87.6	6.31	4.2	SR5	12/13/2018 23:20	21.64	87.9	6.33	4.4
SR5	12/13/2018 5:25	21.92	88.1	6.35	2.9	SR5	12/13/2018 11:25	21.94	88.8	6.40	3.0	SR5	12/13/2018 17:25	21.60	87.0	6.27	2.6	SR5	12/13/2018 23:25	21.63	87.7	6.32	3.9
SR5	12/13/2018 5:30	21.96	88.6	6.38	4.4	SR5	12/13/2018 11:30	21.95	88.8	6.40	3.1	SR5	12/13/2018 17:30	21.57	88.0	6.34	2.5	SR5	12/13/2018 23:30	21.64	88.0	6.35	3.1
SR5	12/13/2018 5:35	21.93	86.9	6.26	3.9	SR5	12/13/2018 11:35	21.97	88.8	6.40	3.1	SR5	12/13/2018 17:35	21.63	88.2	6.36	2.7	SR5	12/13/2018 23:35	21.63	88.2	6.35	3.0
SR5	12/13/2018 5:40	21.96	87.3	6.29	1.9	SR5	12/13/2018 11:40	21.91	88.2	6.36	3.0	SR5	12/13/2018 17:40	21.60	87.8	6.33	3.3	SR5	12/13/2018 23:40	21.63	89.8	6.47	3.4
SR5	12/13/2018 5:45	21.99	87.3	6.29	1.5	SR5	12/13/2018 11:45	21.91	87.8	6.32	3.4	SR5	12/13/2018 17:45	21.61	88.2	6.36	5.5	SR5	12/13/2018 23:45	21.64	87.7	6.32	3.8
SR5	12/13/2018 5:50	21.93	87.3	6.29	3.8	SR5	12/13/2018 11:50	21.91	89.6	6.46	3.6	SR5	12/13/2018 17:50	21.63	88.3	6.36	2.0	SR5	12/13/2018 23:50	21.62	88.6	6.39	2.3
SR5	12/13/2018 5:55	21.97	85.0	6.12	4.3	SR5	12/13/2018 11:55	21.93	87.6	6.31	3.0	SR5	12/13/2018 17:55	21.58	87.5	6.31	2.0	SR5	12/13/2018 23:55	21.60	88.6	6.39	3.1

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/13/2018 0:01	22.12	83.4	6.01	5.1	SR12	12/13/2018 6:01	22.00	81.6	5.90	4.1	SR12	12/13/2018 12:01	22.06	81.4	5.88	3.4	SR12	12/13/2018 18:01	22.00	80.5	5.82	2.1
SR12	12/13/2018 0:06	22.11	83.6	6.03	2.1	SR12	12/13/2018 6:06	22.00	81.5	5.90	4.2	SR12	12/13/2018 12:06	22.06	81.4	5.88	2.7	SR12	12/13/2018 18:06	21.97	80.9	5.85	2.3
SR12	12/13/2018 0:11	22.13	83.1	5.99	1.2	SR12	12/13/2018 6:11	22.01	81.6	5.90	4.5	SR12	12/13/2018 12:11	22.06	81.6	5.89	1.8	SR12	12/13/2018 18:11	21.96	81.5	5.90	1.4
SR12	12/13/2018 0:16	22.11	83.8	6.04	3.6	SR12	12/13/2018 6:16	22.00	82.1	5.94	1.1	SR12	12/13/2018 12:16	22.04	82.1	5.93	1.4	SR12	12/13/2018 18:16	21.97	80.8	5.84	1.4
SR12	12/13/2018 0:21	22.10	84.1	6.07	4.0	SR12	12/13/2018 6:21	21.99	82.0	5.93	1.3	SR12	12/13/2018 12:21	22.05	81.8	5.91	3.8	SR12	12/13/2018 18:21	21.98	81.6	5.90	4.7
SR12	12/13/2018 0:26	22.12	83.1	5.99	4.8	SR12	12/13/2018 6:26	21.97	82.8	5.99	2.8	SR12	12/13/2018 12:26	22.01	82.2	5.95	5.0	SR12	12/13/2018 18:26	21.97	81.5	5.90	5.0
SR12	12/13/2018 0:31	22.11	83.8	6.04	3.3	SR12	12/13/2018 6:31	21.99	82.5	5.97	3.0	SR12	12/13/2018 12:31	22.06	81.4	5.88	2.0	SR12	12/13/2018 18:31	21.98	80.7	5.84	4.8
SR12	12/13/2018 0:36	22.11	83.8	6.05	5.1	SR12	12/13/2018 6:36	21.98	82.3	5.95	1.7	SR12	12/13/2018 12:36	22.06	81.6	5.90	3.9	SR12	12/13/2018 18:36	21.98	79.5	5.75	1.9
SR12	12/13/2018 0:41	22.10	83.7	6.04	2.3	SR12	12/13/2018 6:41	21.98	81.9	5.92	3.6	SR12	12/13/2018 12:41	22.06	81.3	5.88	1.9	SR12	12/13/2018 18:41	21.98	79.2	5.73	5.2
SR12	12/13/2018 0:46	22.10	84.1	6.06	2.0	SR12	12/13/2018 6:46	21.99	81.9	5.92	2.2	SR12	12/13/2018 12:46	22.06	81.1	5.86	4.2	SR12	12/13/2018 18:46	22.00	80.0	5.79	2.0
SR12	12/13/2018 0:51	22.11	84.2	6.07	1.7	SR12	12/13/2018 6:51	22.00	81.6	5.90	2.7	SR12	12/13/2018 12:51	22.05	81.4	5.88	5.3	SR12	12/13/2018 18:51	22.05	80.3	5.80	3.5
SR12	12/13/2018 0:56	22.11	82.9	5.98	3.1	SR12	12/13/2018 6:56	22.00	82.5	5.97	1.8	SR12	12/13/2018 12:56	22.06	81.4	5.88	5.2	SR12	12/13/2018 18:56	22.02	80.4	5.81	2.0
SR12	12/13/2018 1:01	22.11	83.8	6.05	1.3	SR12	12/13/2018 7:01	21.98	82.1	5.94	1.2	SR12	12/13/2018 13:01	22.06	81.4	5.88	1.8	SR12	12/13/2018 19:01	21.99	80.2	5.80	5.5
SR12	12/13/2018 1:06	22.10	83.1	5.99	4.2	SR12	12/13/2018 7:06	22.00	81.7	5.91	4.6	SR12	12/13/2018 13:06	22.06	81.5	5.89	2.5	SR12	12/13/2018 19:06	21.98	81.6	5.90	2.7
SR12	12/13/2018 1:11	22.09	84.3	6.08	5.2	SR12	12/13/2018 7:11	22.01	82.1	5.94	4.9	SR12	12/13/2018 13:11	22.05	81.7	5.90	3.0	SR12	12/13/2018 19:11	22.02	81.2	5.87	2.8
SR12	12/13/2018 1:16	22.10	83.6	6.03	2.2	SR12	12/13/2018 7:16	22.01	82.8	5.99	3.7	SR12	12/13/2018 13:16	22.05	80.4	5.81	4.3	SR12	12/13/2018 19:16	22.00	82.5	5.96	4.0
SR12	12/13/2018 1:21	22.10	83.5	6.02	4.7	SR12	12/13/2018 7:21	22.00	82.6	5.97	2.4	SR12	12/13/2018 13:21	22.05	81.2	5.87	2.6	SR12	12/13/2018 19:21	21.99	82.7	5.98	2.2
SR12	12/13/2018 1:26	22.09	83.9	6.05	5.1	SR12	12/13/2018 7:26	21.99	82.7	5.98	3.4	SR12	12/13/2018 13:26	22.05	81.2	5.87	2.5	SR12	12/13/2018 19:26	22.00	83.4	6.02	3.5
SR12	12/13/2018 1:31	22.09	83.7	6.04	5.3	SR12	12/13/2018 7:31	21.99	82.2	5.95	3.3	SR12	12/13/2018 13:31	22.04	81.6	5.90	5.2	SR12	12/13/2018 19:31	22.00	83.5	6.03	5.4
SR12	12/13/2018 1:36	22.11	83.1	5.99	1.3	SR12	12/13/2018 7:36	22.00	83.0	6.00	2.2	SR12	12/13/2018 13:36	22.05	80.7	5.83	5.1	SR12	12/13/2018 19:36	22.01	83.2	6.01	5.4
SR12	12/13/2018 1:41	22.11	83.2	6.00	2.8	SR12	12/13/2018 7:41	21.99	84.0	6.07	4.2	SR12	12/13/2018 13:41	22.05	80.9	5.84	2.4	SR12	12/13/2018 19:41	22.01	83.2	6.01	1.2
SR12	12/13/2018 1:46	22.10	83.8	6.05	2.6	SR12	12/13/2018 7:46	21.97	83.5	6.04	1.5	SR12	12/13/2018 13:46	22.05	81.3	5.88	2.6	SR12	12/13/2018 19:46	22.04	82.8	5.98	2.0
SR12	12/13/2018 1:51	22.11	83.2	6.00	4.1	SR12	12/13/2018 7:51	21.97	83.1	6.01	3.5	SR12	12/13/2018 13:51	22.05	81.8	5.91	3.2	SR12	12/13/2018 19:51	22.02	83.4	6.02	3.8
SR12	12/13/2018 1:56	22.13	82.6	5.95	5.3	SR12	12/13/2018 7:56	21.98	83.9	6.07	4.7	SR12	12/13/2018 13:56	22.05	81.5	5.89	3.0	SR12	12/13/2018 19:56	22.01	83.2	6.01	1.3
SR12	12/13/2018 2:01	22.12	82.7	5.96	1.6	SR12	12/13/2018 8:01	21.99	82.9	6.00	4.7	SR12	12/13/2018 14:01	22.08	81.2	5.87	2.8	SR12	12/13/2018 20:01	22.01	83.7	6.04	1.4
SR12	12/13/2018 2:06	22.12	82.7	5.96	5.1	SR12	12/13/2018 8:06	21.99	82.7	5.98	4.2	SR12	12/13/2018 14:06	22.05	81.2	5.87	4.6	SR12	12/13/2018 20:06	22.00	84.1	6.08	3.0
SR12	12/13/2018 2:11	22.12	82.7	5.97	2.2	SR12	12/13/2018 8:11	21.99	82.2	5.94	1.3	SR12	12/13/2018 14:11	22.05	81.4	5.88	2.9	SR12	12/13/2018 20:11	22.00	83.8	6.06	2.7
SR12	12/13/2018 2:16	22.13	83.1	6.00	4.6	SR12	12/13/2018 8:16	21.99	82.6	5.97	2.6	SR12	12/13/2018 14:16	22.05	81.4	5.88	4.8	SR12	12/13/2018 20:16	22.02	85.2	6.16	2.8
SR12	12/13/2018 2:21	22.11	84.6	6.10	2.9	SR12	12/13/2018 8:21	21.98	83.7	6.05	2.7	SR12	12/13/2018 14:21	22.08	81.5	5.89	5.4	SR12	12/13/2018 20:21	22.02	84.5	6.10	4.9
SR12	12/13/2018 2:26	22.14	83.3	6.01	4.6	SR12	12/13/2018 8:26	21.99	83.7	6.05	2.9	SR12	12/13/2018 14:26	22.08	81.8	5.90	4.3	SR12	12/13/2018 20:26	22.01	83.7	6.05	3.6
SR12	12/13/2018 2:31	22.11	83.9	6.05	3.3	SR12	12/13/2018 8:31	21.98	83.4	6.03	2.0	SR12	12/13/2018 14:31	22.09	82.0	5.92	2.1	SR12	12/13/2018 20:31	21.99	84.5	6.11	4.5
SR12	12/13/2018 2:36	22.11	83.6	6.03	2.1	SR12	12/13/2018 8:36	21.99	83.2	6.02	4.5	SR12	12/13/2018 14:36	22.07	81.9	5.92	2.0	SR12	12/13/2018 20:36	22.00	84.5	6.10	4.5
SR12	12/13/2018 2:41	22.10	83.7	6.04	3.4	SR12	12/13/2018 8:41	22.00	82.9	6.00	1.9	SR12	12/13/2018 14:41	22.06	80.6	5.82	2.4	SR12	12/13/2018 20:41	21.99	85.0	6.14	1.1
SR12	12/13/2018 2:46	22.11	83.9	6.06	1.5	SR12	12/13/2018 8:46	22.00	82.7	5.97	1.6	SR12	12/13/2018 14:46	22.06	80.9	5.84	4.6	SR12	12/13/2018 20:46	22.00	84.4	6.10	3.2
SR12	12/13/2018 2:51	22.14	83.2	6.00	4.3	SR12	12/13/2018 8:51	21.99	82.9	5.99	5.2	SR12	12/13/2018 14:51	22.06	81.4	5.88	4.8	SR12	12/13/2018 20:51	22.01	83.7	6.05	2.4
SR12	12/13/2018 2:56	22.13	82.7	5.96	1.1	SR12	12/13/2018 8:56	21.98	83.5	6.04	4.2	SR12	12/13/2018 14:56	22.07	81.1	5.86	4.0	SR12	12/13/2018 20:56	22.00	83.9	6.06	2.4
SR12	12/13/2018 3:01	22.15	82.8	5.97	2.4	SR12	12/13/2018 9:01	21.98	83.3	6.02	3.0	SR12	12/13/2018 15:01	22.09	80.7	5.82	3.8	SR12	12/13/2018 21:01	21.99	84.1	6.07	1.1
SR12	12/13/2018 3:06	22.12	83.9	6.05	1.9	SR12	12/13/2018 9:06	22.00	83.0	6.00	2.5	SR12	12/13/2018 15:06	22.06	81.1	5.86	4.0	SR12	12/13/2018 21:06	22.00	84.3	6.09	4.3
SR12	12/13/2018 3:11	22.10	84.3	6.08	2.8	SR12	12/13/2018 9:11	21.99	83.7	6.05	1.5	SR12	12/13/2018 15:11	22.09	80.6	5.82	4.7	SR12	12/13/2018 21:11	22.00	83.8	6.05	4.5
SR12	12/13/2018 3:16	22.02	82.9	5.99	3.6	SR12	12/13/2018 9:16	22.00	82.9	6.00	2.2	SR12	12/13/2018 15:16	22.10	81.5	5.89	5.3	SR12	12/13/2018 21:16	22.01	83.2	6.01	4.5
SR12	12/13/2018 3:21	21.98	81.4	5.89	2.9	SR12	12/13/2018 9:21	22.00	82.9	5.99	2.9	SR12	12/13/2018 15:21	22.08	81.5	5.88	1.7	SR12	12/13/2018 21:21	22.00	83.7	6.05	4.4
SR12	12/13/2018 3:26	22.01	81.7	5.91	5.2	SR12	12/13/2018 9:26	22.00	82.9	6.00	3.8	SR12	12/13/2018 15:26	22.06	82.5	5.96	4.1	SR12	12/13/2018 21:26	22.00	84.0	6.07	1.5
SR12	12/13/2018 3:31	22.03	81.9	5.92	2.5	SR12	12/13/2018 9:31	22.02	82.8	5.98	4.1	SR12	12/13/2018 15:31	22.07	81.9	5.91	3.2	SR12	12/13/2018 21:31	22.00	83.3	6.02	3.5
SR12	12/13/2018 3:36	22.02	81.4	5.89	2.2	SR12	12/13/2018 9:36	22.02	82.6	5.97	1.5	SR12	12/13/2018 15:36	22.06	82.0	5.92	3.9	SR12	12/13/2018 21:36	21.99	83.3	6.02	5.4
SR12	12/13/2018 3:41	22.01	81.5	5.90	5.0	SR12	12/13/2018 9:41	22.02	82.8	5.98	4.8	SR12	12/13/2018 15:41	22.08	81.1	5.85	2.3	SR12	12/13/2018 21:41	21.98	83.7	6.05	1.7
SR12	12/13/2018 3:46	22.03	81.6	5.90	4.6	SR12	12/13/2018 9:46	22.02	82.7	5.98	4.8	SR12	12/13/2018 15:46	22.05	81.5	5.89	1.5	SR12	12/13/2018 21:46	21.99	84.1	6.08	2.2
SR12	12/13/2018 3:51	22.02	81.4	5.88	3.4	SR12	12/13/2018 9:51	22.05	82.4	5.95	3.2	SR12	12/13/2018 15:51	22.07	80.9	5.84	5.2	SR12	12/13/2018 21:51	21.97	84.2	6.09	2.7
SR12	12/13/2018 3:56	22.02	80.8	5.84	5.0	SR12	12/13/2018 9:56	22.02	83.0	6.00	3.0	SR12	12/13/2018 15:56	22.08	79.9	5.77	3.8	SR12	12/13/2018 21:56	21.98	84.2	6.08	4.6
SR12	12/13/2018 4:01	22.04	81.4	5.88	1.3	SR12	12/13/2018 10:01	22.03	82.8	5.99	3.0	SR12	12/13/2018 16:01	22.08	79.9	5.77	5.0	SR12	12/13/2018 22:01	21.99	83.7	6.05	2.3
SR12	12/13/2018 4:06	22.04	81.5	5.89	1.7	SR12	12/13/2018 10:06	22.04	82.1	5.93	5.3	SR12	12/13/2018 16:06	22.06	79.7	5.76	4.8	SR12	12/13/2018 22:06	21.98	83.7	6.05	1.5
SR12	12/13/2018 4:11	22.03	81.7	5.90	3.6	SR12	12/13/2018 10:11	22.03	82.9	5.99	4.8	SR12	12/13/2018 16:11	22.06	79.4	5.74	1.1	SR12	12/13/2018 22:11	21.98	84.2	6.09	5.1
SR12	12/13/2018 4:16	22.03	81.1	5.86	4.9	SR12	12/13/2018 10:16	22.03	82.7	5.98	2.2	SR12	12/13/2018 16:16	22.05	79.5	5.74	2.3	SR12	12/13/2018 22:16	21.99	84.0	6.07	**11.2**
SR12	12/13/2018 4:21	22.04	80.9	5.85	2.0	SR12	12/13/2018 10:21	22.03	82.9	5.99	3.7	SR12	12/13/2018 16:21	22.05	79.5	5.74	3.8	SR12	12/13/2018 22:21	21.98	84.2	6.08	2.5
SR12	12/13/2018 4:26	22.04	80.5	5.82	3.2	SR12	12/13/2018 10:26	22.04	82.4	5.95	2.8	SR12	12/13/2018 16:26	22.05	79.7	5.76	2.0	SR12	12/13/2018 22:26	21.96	84.2	6.09	5.5
SR12	12/13/2018 4:31	22.01	82.0	5.93	5.2	SR12	12/13/2018 10:31	22.04	82.4	5.95	4.7	SR12	12/13/2018 16:31	22.05	79.3	5.73	4.9	SR12	12/13/2018 22:31	22.00	82.9	5.99	1.2
SR12	12/13/2018 4:36	22.01	81.7	5.91	3.3	SR12	12/13/2018 10:36	22.04	82.4	5.96	4.0	SR12	12/13/2018 16:36	22.07	80.2	5.79	1.5	SR12	12/13/2018 22:36	22.01	83.6	6.04	4.5
SR12	12/13/2018 4:41	22.01	81.4	5.89	3.1	SR12	12/13/2018 10:41	22.07	82.3	5.94	4.7	SR12	12/13/2018 16:41	22.06	80.6	5.82	4.5	SR12	12/13/2018 22:41	21.98	83.9	6.06	2.5
SR12	12/13/2018 4:46	22.02	81.4	5.89	4.9	SR12	12/13/2018 10:46	22.06	82.4	5.96	5.5	SR12	12/13/2018 16:46	22.05	81.3	5.87	4.6	SR12	12/13/2018 22:46	21.99	83.8	6.06	4.8
SR12	12/13/2018 4:51	21.99	81.0	5.86	2.2	SR12	12/13/2018 10:51	22.04	82.5	5.96	2.8	SR12	12/13/2018 16:51	22.05	80.9	5.84	4.1	SR12	12/13/2018 22:51	21.97	84.9	6.13	1.5
SR12	12/13/2018 4:56	22.00	80.9	5.85	2.5	SR12	12/13/2018 10:56	22.05	82.2	5.94	3.2	SR12	12/13/2018 16:56	22.04	81.6	5.89	4.3	SR12	12/13/2018 22:56	21.95	84.5	6.11	3.2
SR12	12/13/2018 5:01	22.01	81.0	5.86	4.5	SR12	12/13/2018 11:01	22.04	82.1	5.93	4.3	SR12	12/13/2018 17:01	22.04	81.2	5.87	3.7	SR12	12/13/2018 23:01	21.96	84.8	6.13	5.2
SR12	12/13/2018 5:06	22.01	81.0	5.86	4.4	SR12	12/13/2018 11:06	22.04	82.7	5.97	1.5	SR12	12/13/2018 17:06	22.04	80.2	5.79	3.2	SR12	12/13/2018 23:06	21.97	83.6	6.04	4.6
SR12	12/13/2018 5:11	22.04	81.5	5.89	3.1	SR12	12/13/2018 11:11	22.03	82.7	5.98	3.3	SR12	12/13/2018 17:11	22.04	80.9	5.84	2.2	SR12	12/13/2018 23:11	21.97	82.8	5.99	4.2
SR12	12/13/2018 5:16	22.03	81.2	5.87	4.3	SR12	12/13/2018 11:16	22.04	82.3	5.95	4.7	SR12	12/13/2018 17:16	22.04	81.0	5.85	1.8	SR12	12/13/2018 23:16	21.95	84.3	6.09	3.6
SR12	12/13/2018 5:21	22.02	80.8	5.84	3.3	SR12	12/13/2018 11:21	22.04	82.0	5.93	2.1	SR12	12/13/2018 17:21	22.03	81.1	5.86	4.2	SR12	12/13/2018 23:21	21.96	83.8	6.06	5.5
SR12	12/13/2018 5:26	22.01	80.8	5.84	3.3	SR12	12/13/2018 11:26	22.04	81.8	5.91	3.4	SR12	12/13/2018 17:26	22.03	80.9	5.85	5.3	SR12	12/13/2018 23:26	21.98	84.5	6.10	4.9
SR12	12/13/2018 5:31	22.02	80.9	5.85	3.6	SR12	12/13/2018 11:31	22.04	82.1	5.93	1.2	SR12	12/13/2018 17:31	22.02	81.0	5.85	2.0	SR12	12/13/2018 23:31	21.96	83.8	6.06	3.8
SR12	12/13/2018 5:36	22.01	81.0	5.86	5.4	SR12	12/13/2018 11:36	22.06	82.3	5.94	4.5	SR12	12/13/2018 17:36	22.04	81.4	5.88	3.4	SR12	12/13/2018 23:36	21.95	83.7	6.05	1.8
SR12	12/13/2018 5:41	22.01	80.8	5.84	1.5	SR12	12/13/2018 11:41	22.06	82.2	5.94	1.8	SR12	12/13/2018 17:41	22.04	81.6	5.89	2.3	SR12	12/13/2018 23:41	21.94	84.5	6.11	4.9
SR12	12/13/2018 5:46	22.00	81.7	5.91	2.0	SR12	12/13/2018 11:46	22.06	81.8	5.91	4.7	SR12	12/13/2018 17:46	22.02	81.4	5.88	2.3	SR12	12/13/2018 23:46	21.94	84.2	6.09	3.0
SR12	12/13/2018 5:51	21.99	82.0	5.93	3.5	SR12	12/13/2018 11:51	22.06	81.0	5.85	4.0	SR12	12/13/2018 17:51	22.04	80.6	5.82	1.4	SR12	12/13/2018 23:51	21.94	84.6	6.12	4.0
SR12	12/13/2018 5:56	22.00	81.6	5.90	3.6	SR12	12/13/2018 11:56	22.07	81.1	5.86	2.7	SR12	12/13/2018 17:56	22.02	79.7	5.76	2.6	SR12	12/13/2018 23:56	21.96	84.5	6.11	4.8

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/13/2018 0:00	22.20	92.0	6.53	4.2	SR13	12/13/2018 6:00	22.18	89.8	6.38	4.5	SR13	12/13/2018 12:00	20.98	82.1	6.06	9.4	SR13	12/13/2018 18:00	20.96	81.1	5.98	1.9
SR13	12/13/2018 0:05	22.20	92.1	6.53	4.8	SR13	12/13/2018 6:05	22.18	90.5	6.43	5.3	SR13	12/13/2018 12:05	20.98	81.9	6.04	9.7	SR13	12/13/2018 18:05	20.96	81.0	5.97	4.6
SR13	12/13/2018 0:10	22.19	91.3	6.48	4.2	SR13	12/13/2018 6:10	22.17	90.0	6.39	4.7	SR13	12/13/2018 12:10	20.99	81.9	6.04	10.3	SR13	12/13/2018 18:10	20.96	80.8	5.96	5.3
SR13	12/13/2018 0:15	22.18	91.4	6.49	4.2	SR13	12/13/2018 6:15	22.18	90.9	6.45	5.0	SR13	12/13/2018 12:15	20.99	81.6	6.03	10.9	SR13	12/13/2018 18:15	20.96	81.3	5.98	1.5
SR13	12/13/2018 0:20	22.21	91.6	6.50	3.6	SR13	12/13/2018 6:20	22.18	89.8	6.37	4.3	SR13	12/13/2018 12:20	20.99	81.8	6.04	11.6	SR13	12/13/2018 18:20	20.96	81.3	5.98	1.6
SR13	12/13/2018 0:25	22.18	91.5	6.49	4.6	SR13	12/13/2018 6:25	22.19	89.5	6.35	3.0	SR13	12/13/2018 12:25	20.99	81.9	6.04	10.3	SR13	12/13/2018 18:25	20.96	80.4	5.94	3.9
SR13	12/13/2018 0:30	22.21	90.9	6.45	3.8	SR13	12/13/2018 6:30	22.20	89.6	6.36	3.6	SR13	12/13/2018 12:30	20.99	81.5	6.02	9.6	SR13	12/13/2018 18:30	20.97	80.4	5.90	5.7
SR13	12/13/2018 0:35	22.20	91.8	6.51	4.8	SR13	12/13/2018 6:35	22.18	90.1	6.40	4.3	SR13	12/13/2018 12:35	21.00	81.6	6.02	10.6	SR13	12/13/2018 18:35	20.97	80.6	5.94	4.8
SR13	12/13/2018 0:40	22.19	92.0	6.53	4.9	SR13	12/13/2018 6:40	22.19	89.2	6.33	5.5	SR13	12/13/2018 12:40	21.02	81.5	6.01	9.4	SR13	12/13/2018 18:40	20.97	81.0	5.97	3.7
SR13	12/13/2018 0:45	22.23	90.9	6.44	4.9	SR13	12/13/2018 6:45	22.17	90.3	6.41	5.2	SR13	12/13/2018 12:45	21.02	81.8	6.04	10.1	SR13	12/13/2018 18:45	20.97	80.9	5.97	5.3
SR13	12/13/2018 0:50	22.22	90.9	6.45	4.8	SR13	12/13/2018 6:50	22.16	90.5	6.42	3.7	SR13	12/13/2018 12:50	21.02	82.4	6.08	11.0	SR13	12/13/2018 18:50	20.97	80.8	5.95	6.6
SR13	12/13/2018 0:55	22.21	90.3	6.41	3.8	SR13	12/13/2018 6:55	22.16	90.6	6.43	5.3	SR13	12/13/2018 12:55	21.01	82.8	6.11	9.4	SR13	12/13/2018 18:55	20.97	80.6	5.95	3.8
SR13	12/13/2018 1:00	22.21	90.2	6.40	4.0	SR13	12/13/2018 7:00	22.18	89.7	6.37	3.0	SR13	12/13/2018 13:00	21.01	82.8	6.10	10.1	SR13	12/13/2018 19:00	20.96	81.4	6.00	6.0
SR13	12/13/2018 1:05	22.21	91.3	6.48	3.4	SR13	12/13/2018 7:05	22.19	90.7	6.44	3.7	SR13	12/13/2018 13:05	21.00	82.1	6.06	11.5	SR13	12/13/2018 19:05	20.97	81.4	6.01	4.6
SR13	12/13/2018 1:10	22.21	90.5	6.42	3.8	SR13	12/13/2018 7:10	22.17	90.8	6.45	3.8	SR13	12/13/2018 13:10	21.00	82.7	6.10	9.7	SR13	12/13/2018 19:10	20.96	83.1	6.14	2.0
SR13	12/13/2018 1:15	22.23	91.6	6.49	3.2	SR13	12/13/2018 7:15	22.18	89.9	6.38	4.2	SR13	12/13/2018 13:15	20.99	82.5	6.07	11.0	SR13	12/13/2018 19:15	20.96	81.4	6.01	4.7
SR13	12/13/2018 1:20	22.19	90.7	6.44	5.2	SR13	12/13/2018 7:20	22.17	90.7	6.44	3.0	SR13	12/13/2018 13:20	20.99	82.6	6.09	10.9	SR13	12/13/2018 19:20	20.96	82.4	6.09	5.8
SR13	12/13/2018 1:25	22.22	91.3	6.48	4.7	SR13	12/13/2018 7:25	22.17	90.2	6.41	3.6	SR13	12/13/2018 13:25	20.99	82.7	6.09	10.5	SR13	12/13/2018 19:25	20.96	82.4	5.88	5.8
SR13	12/13/2018 1:30	22.19	90.9	6.45	4.4	SR13	12/13/2018 7:30	22.18	90.3	6.41	4.4	SR13	12/13/2018 13:30	20.99	82.5	6.08	10.0	SR13	12/13/2018 19:30	20.96	82.3	6.05	5.4
SR13	12/13/2018 1:35	22.22	91.2	6.47	4.2	SR13	12/13/2018 7:35	22.19	90.9	6.45	4.6	SR13	12/13/2018 13:35	21.00	82.1	6.05	11.3	SR13	12/13/2018 19:35	20.96	82.4	6.07	5.7
SR13	12/13/2018 1:40	22.23	90.9	6.45	3.1	SR13	12/13/2018 7:40	22.19	90.0	6.39	3.1	SR13	12/13/2018 13:40	20.99	82.3	6.07	9.7	SR13	12/13/2018 19:40	20.94	82.3	6.06	5.4
SR13	12/13/2018 1:45	22.20	91.8	6.51	3.5	SR13	12/13/2018 7:45	22.19	90.2	6.41	3.5	SR13	12/13/2018 13:45	20.99	82.4	6.07	11.2	SR13	12/13/2018 19:45	20.95	82.7	6.08	4.9
SR13	12/13/2018 1:50	22.20	91.2	6.47	5.2	SR13	12/13/2018 7:50	22.20	90.5	6.43	4.8	SR13	12/13/2018 13:50	20.99	82.3	6.07	11.3	SR13	12/13/2018 19:50	20.95	82.8	6.10	2.0
SR13	12/13/2018 1:55	22.19	90.6	6.43	5.3	SR13	12/13/2018 7:55	22.15	90.6	6.43	3.8	SR13	12/13/2018 13:55	20.98	82.2	6.06	11.3	SR13	12/13/2018 19:55	20.94	82.9	6.12	3.2
SR13	12/13/2018 2:00	22.19	91.0	6.46	3.2	SR13	12/13/2018 8:00	22.18	90.7	6.44	4.2	SR13	12/13/2018 14:00	20.98	82.2	6.06	10.3	SR13	12/13/2018 20:00	20.94	83.1	6.13	2.2
SR13	12/13/2018 2:05	22.19	91.8	6.51	4.5	SR13	12/13/2018 8:05	22.16	90.9	6.45	4.1	SR13	12/13/2018 14:05	20.98	82.1	6.05	11.8	SR13	12/13/2018 20:05	20.94	83.0	6.12	2.8
SR13	12/13/2018 2:10	22.22	91.2	6.47	5.3	SR13	12/13/2018 8:10	22.14	91.2	6.48	4.6	SR13	12/13/2018 14:10	20.98	81.5	6.00	11.3	SR13	12/13/2018 20:10	20.94	83.0	6.12	3.2
SR13	12/13/2018 2:15	22.20	90.1	6.40	4.3	SR13	12/13/2018 8:15	21.88	80.5	5.42	10.0	SR13	12/13/2018 14:15	20.98	81.7	6.02	11.2	SR13	12/13/2018 20:15	20.93	82.8	6.10	4.5
SR13	12/13/2018 2:20	22.19	91.4	6.48	3.8	SR13	12/13/2018 8:20	21.56	81.7	5.51	11.8	SR13	12/13/2018 14:20	20.98	81.9	6.03	11.5	SR13	12/13/2018 20:20	21.08	89.3	6.34	4.0
SR13	12/13/2018 2:25	22.21	91.4	6.48	3.0	SR13	12/13/2018 8:25	21.03	81.2	5.50	11.0	SR13	12/13/2018 14:25	20.97	82.1	6.04	10.3	SR13	12/13/2018 20:25	21.12	90.0	6.39	3.6
SR13	12/13/2018 2:30	22.19	91.2	6.47	4.4	SR13	12/13/2018 8:30	21.01	82.0	5.89	10.8	SR13	12/13/2018 14:30	20.97	82.7	6.09	9.5	SR13	12/13/2018 20:30	21.12	89.7	6.37	3.9
SR13	12/13/2018 2:35	22.21	90.5	6.42	4.1	SR13	12/13/2018 8:35	21.00	82.2	6.03	11.8	SR13	12/13/2018 14:35	20.97	82.9	6.10	10.9	SR13	12/13/2018 20:35	21.09	89.9	6.38	3.7
SR13	12/13/2018 2:40	22.20	90.4	6.41	5.0	SR13	12/13/2018 8:40	21.01	81.9	6.03	10.3	SR13	12/13/2018 14:40	20.97	83.1	6.11	9.4	SR13	12/13/2018 20:40	21.11	88.8	6.31	3.5
SR13	12/13/2018 2:45	22.24	90.2	6.40	3.9	SR13	12/13/2018 8:45	21.01	81.9	6.03	11.1	SR13	12/13/2018 14:45	20.97	83.1	6.13	9.7	SR13	12/13/2018 20:45	21.12	89.0	6.32	3.0
SR13	12/13/2018 2:50	22.23	90.4	6.41	4.6	SR13	12/13/2018 8:50	21.00	82.4	6.08	11.1	SR13	12/13/2018 14:50	20.97	83.0	6.11	11.1	SR13	12/13/2018 20:50	21.13	89.8	6.38	3.7
SR13	12/13/2018 2:55	22.20	89.8	6.37	4.6	SR13	12/13/2018 8:55	21.01	82.0	6.04	10.5	SR13	12/13/2018 14:55	20.97	82.5	6.07	10.4	SR13	12/13/2018 20:55	21.08	91.1	6.47	4.1
SR13	12/13/2018 3:00	22.22	90.2	6.41	3.8	SR13	12/13/2018 9:00	21.01	81.7	6.02	10.3	SR13	12/13/2018 15:00	21.18	90.4	6.42	4.5	SR13	12/13/2018 21:00	21.08	89.6	6.36	4.3
SR13	12/13/2018 3:05	22.22	91.6	6.49	4.4	SR13	12/13/2018 9:05	21.01	81.9	6.05	10.7	SR13	12/13/2018 15:05	21.19	90.2	6.40	4.6	SR13	12/13/2018 21:05	21.09	90.6	6.43	3.9
SR13	12/13/2018 3:10	22.22	91.4	6.49	4.3	SR13	12/13/2018 9:10	21.00	82.0	6.05	9.9	SR13	12/13/2018 15:10	21.20	90.6	6.43	4.9	SR13	12/13/2018 21:10	21.12	91.2	6.48	4.4
SR13	12/13/2018 3:15	22.23	91.3	6.48	4.0	SR13	12/13/2018 9:15	21.00	82.1	6.05	11.0	SR13	12/13/2018 15:15	21.20	90.9	6.45	3.9	SR13	12/13/2018 21:15	21.12	89.4	6.35	4.7
SR13	12/13/2018 3:20	22.21	91.2	6.47	3.9	SR13	12/13/2018 9:20	21.02	81.5	6.02	11.3	SR13	12/13/2018 15:20	21.16	91.0	6.46	3.7	SR13	12/13/2018 21:20	21.09	89.8	6.38	5.5
SR13	12/13/2018 3:25	22.21	91.2	6.47	5.1	SR13	12/13/2018 9:25	21.00	82.0	6.06	9.5	SR13	12/13/2018 15:25	21.18	90.7	6.44	4.2	SR13	12/13/2018 21:25	21.12	88.8	6.31	4.2
SR13	12/13/2018 3:30	22.24	91.4	6.48	3.0	SR13	12/13/2018 9:30	21.01	82.4	6.07	11.4	SR13	12/13/2018 15:30	21.17	89.4	6.35	4.7	SR13	12/13/2018 21:30	21.13	90.1	6.40	3.7
SR13	12/13/2018 3:35	22.21	90.0	6.39	4.8	SR13	12/13/2018 9:35	21.01	82.6	6.09	11.4	SR13	12/13/2018 15:35	21.21	90.7	6.44	3.9	SR13	12/13/2018 21:35	21.14	90.9	6.46	3.4
SR13	12/13/2018 3:40	22.20	90.6	6.43	3.0	SR13	12/13/2018 9:40	21.00	82.8	6.10	11.1	SR13	12/13/2018 15:40	21.19	90.8	6.45	5.5	SR13	12/13/2018 21:40	21.11	89.6	6.36	3.3
SR13	12/13/2018 3:45	22.23	91.3	6.48	4.7	SR13	12/13/2018 9:45	21.02	82.5	6.08	10.4	SR13	12/13/2018 15:45	20.96	83.5	5.93	5.4	SR13	12/13/2018 21:45	21.10	89.8	6.38	3.9
SR13	12/13/2018 3:50	22.20	91.5	6.49	3.3	SR13	12/13/2018 9:50	21.01	82.7	6.09	9.7	SR13	12/13/2018 15:50	20.96	83.1	5.98	3.8	SR13	12/13/2018 21:50	21.13	91.0	6.46	4.9
SR13	12/13/2018 3:55	22.18	90.7	6.44	4.4	SR13	12/13/2018 9:55	20.98	82.8	6.11	10.1	SR13	12/13/2018 15:55	20.96	83.0	5.99	2.8	SR13	12/13/2018 21:55	21.09	89.7	6.37	4.5
SR13	12/13/2018 4:00	22.20	90.9	6.45	4.1	SR13	12/13/2018 10:00	20.98	82.8	6.11	10.3	SR13	12/13/2018 16:00	20.96	82.6	5.98	2.9	SR13	12/13/2018 22:00	21.09	88.3	6.27	5.0
SR13	12/13/2018 4:05	22.16	90.1	6.40	4.7	SR13	12/13/2018 10:05	21.01	81.0	5.97	10.6	SR13	12/13/2018 16:05	20.95	82.3	5.97	3.0	SR13	12/13/2018 22:05	21.13	90.1	6.40	4.3
SR13	12/13/2018 4:10	22.15	89.9	6.38	4.7	SR13	12/13/2018 10:10	21.00	81.6	6.01	11.1	SR13	12/13/2018 16:10	20.96	82.2	5.96	2.4	SR13	12/13/2018 22:10	21.12	90.7	6.44	4.1
SR13	12/13/2018 4:15	22.16	89.5	6.35	3.8	SR13	12/13/2018 10:15	20.99	81.8	6.03	9.8	SR13	12/13/2018 16:15	20.96	82.1	5.96	4.4	SR13	12/13/2018 22:15	21.09	89.0	6.32	3.9
SR13	12/13/2018 4:20	22.16	90.1	6.40	4.0	SR13	12/13/2018 10:20	20.99	82.1	6.04	10.7	SR13	12/13/2018 16:20	20.96	81.8	5.95	2.7	SR13	12/13/2018 22:20	21.12	88.6	6.29	5.2
SR13	12/13/2018 4:25	22.18	91.0	6.46	4.7	SR13	12/13/2018 10:25	20.99	82.3	6.04	11.6	SR13	12/13/2018 16:25	20.96	82.0	5.97	5.2	SR13	12/13/2018 22:25	21.06	90.4	6.42	3.3
SR13	12/13/2018 4:30	22.20	90.5	6.42	3.8	SR13	12/13/2018 10:30	20.99	82.3	6.06	9.9	SR13	12/13/2018 16:30	20.96	82.3	6.00	1.8	SR13	12/13/2018 22:30	21.10	89.8	6.38	4.5
SR13	12/13/2018 4:35	22.16	90.9	6.45	4.0	SR13	12/13/2018 10:35	20.99	81.5	6.01	11.5	SR13	12/13/2018 16:35	20.96	82.1	6.01	3.8	SR13	12/13/2018 22:35	21.10	90.0	6.40	3.8
SR13	12/13/2018 4:40	22.18	90.2	6.40	4.8	SR13	12/13/2018 10:40	20.99	82.1	6.06	9.4	SR13	12/13/2018 16:40	20.96	82.5	6.04	2.1	SR13	12/13/2018 22:40	21.12	89.1	6.32	4.9
SR13	12/13/2018 4:45	22.19	90.3	6.40	3.2	SR13	12/13/2018 10:45	20.99	82.4	6.07	11.7	SR13	12/13/2018 16:45	20.95	81.1	5.95	5.2	SR13	12/13/2018 22:45	21.09	88.7	6.30	4.6
SR13	12/13/2018 4:50	22.20	90.7	6.44	2.7	SR13	12/13/2018 10:50	20.99	82.5	6.08	11.2	SR13	12/13/2018 16:50	20.96	81.0	5.94	6.0	SR13	12/13/2018 22:50	21.09	89.6	6.36	3.7
SR13	12/13/2018 4:55	22.19	90.5	6.42	5.2	SR13	12/13/2018 10:55	21.00	82.4	6.08	11.3	SR13	12/13/2018 16:55	20.96	81.9	6.01	5.4	SR13	12/13/2018 22:55	21.07	89.0	6.32	3.7
SR13	12/13/2018 5:00	22.17	89.2	6.33	4.7	SR13	12/13/2018 11:00	21.00	82.4	6.07	9.8	SR13	12/13/2018 17:00	20.96	82.5	6.06	1.8	SR13	12/13/2018 23:00	21.14	88.2	6.27	6.5
SR13	12/13/2018 5:05	22.20	89.6	6.36	2.7	SR13	12/13/2018 11:05	20.99	82.5	6.07	10.1	SR13	12/13/2018 17:05	20.96	81.9	6.01	1.9	SR13	12/13/2018 23:05	21.12	88.6	6.29	3.8
SR13	12/13/2018 5:10	22.17	90.2	6.40	3.4	SR13	12/13/2018 11:10	21.00	82.4	6.08	10.0	SR13	12/13/2018 17:10	20.96	81.4	5.98	4.7	SR13	12/13/2018 23:10	21.08	88.2	6.26	5.0
SR13	12/13/2018 5:15	22.19	89.7	6.37	4.8	SR13	12/13/2018 11:15	21.00	82.0	6.06	11.4	SR13	12/13/2018 17:15	20.96	81.4	5.99	2.0	SR13	12/13/2018 23:15	21.09	89.7	6.37	3.1
SR13	12/13/2018 5:20	22.19	90.2	6.41	3.9	SR13	12/13/2018 11:20	21.00	81.7	5.99	10.6	SR13	12/13/2018 17:20	20.96	82.2	6.04	4.4	SR13	12/13/2018 23:20	21.14	90.0	6.39	3.9
SR13	12/13/2018 5:25	22.17	89.9	6.38	4.0	SR13	12/13/2018 11:25	21.01	82.3	6.08	10.4	SR13	12/13/2018 17:25	20.96	82.3	6.05	2.7	SR13	12/13/2018 23:25	21.10	88.6	6.29	2.9
SR13	12/13/2018 5:30	22.19	89.9	6.38	5.3	SR13	12/13/2018 11:30	20.98	82.0	6.05	10.6	SR13	12/13/2018 17:30	20.96	81.8	6.01	4.6	SR13	12/13/2018 23:30	21.12	88.3	6.27	4.4
SR13	12/13/2018 5:35	22.18	90.8	6.45	3.2	SR13	12/13/2018 11:35	21.00	81.4	6.00	10.5	SR13	12/13/2018 17:35	20.96	81.8	6.01	3.5	SR13	12/13/2018 23:35	21.08	89.0	6.32	3.7
SR13	12/13/2018 5:40	22.17	90.1	6.40	4.1	SR13	12/13/2018 11:40	21.00	81.3	6.00	9.3	SR13	12/13/2018 17:40	20.96	81.2	5.98	4.7	SR13	12/13/2018 23:40	21.07	90.7	6.44	4.0
SR13	12/13/2018 5:45	22.16	89.8	6.37	5.2	SR13	12/13/2018 11:45	20.99	81.4	6.01	11.8	SR13	12/13/2018 17:45	20.96	81.7	6.01	5.2	SR13	12/13/2018 23:45	21.12	91.0	6.46	4.1
SR13	12/13/2018 5:50	22.17	89.9	6.38	3.7	SR13	12/13/2018 11:50	20.99	81.4	5.95	11.8	SR13	12/13/2018 17:50	20.96	82.0	6.05	3.5	SR13	12/13/2018 23:50	21.12	90.2	6.40	4.2
SR13	12/13/2018 5:55	22.21	90.0	6.39	4.2	SR13	12/13/2018 11:55	20.99	81.5	6.00	10.2	SR13	12/13/2018 17:55	20.96	81.2	5.98	5.6	SR13	12/13/2018 23:55	21.09	90.1	6.40	4.7

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	12/13/2018 0:17	0.08				SR12	12/13/2018 0:17	0.13			
SR4	12/13/2018 0:37	0.05				SR12	12/13/2018 0:37	0.12			
SR4	12/13/2018 0:57	0.08				SR12	12/13/2018 0:57	0.05			
SR4	12/13/2018 1:17	0.08				SR12	12/13/2018 1:17	0.06			
SR4	12/13/2018 1:37	0.06				SR12	12/13/2018 1:37	0.05			
SR4	12/13/2018 1:57	0.07				SR12	12/13/2018 1:57	0.11			
SR4	12/13/2018 2:17	0.06				SR12	12/13/2018 2:17	0.09			
SR4	12/13/2018 2:37	0.15				SR12	12/13/2018 2:37	0.09			
SR4	12/13/2018 2:57	0.12				SR12	12/13/2018 2:57	0.13			
SR4	12/13/2018 3:17	0.09				SR12	12/13/2018 3:17	0.14			
SR4	12/13/2018 3:37	0.11				SR12	12/13/2018 3:37	0.11			
SR4	12/13/2018 3:57	0.12				SR12	12/13/2018 3:57	0.14			
SR4	12/13/2018 4:17	0.12				SR12	12/13/2018 4:17	0.09			
SR4	12/13/2018 4:37	0.12				SR12	12/13/2018 4:37	0.08			
SR4	12/13/2018 4:57	0.07				SR12	12/13/2018 4:57	0.12			
SR4	12/13/2018 5:17	0.08				SR12	12/13/2018 5:17	0.09			
SR4	12/13/2018 5:37	0.07				SR12	12/13/2018 5:37	0.06			
SR4	12/13/2018 5:57	0.10				SR12	12/13/2018 5:57	0.11			
SR4						SR12					
SR4	12/13/2018 6:37	0.09				SR12	12/13/2018 6:37	0.09			
SR4	12/13/2018 6:57	0.11				SR12	12/13/2018 6:57	0.13			
SR4	12/13/2018 7:17	0.12				SR12	12/13/2018 7:17	0.06			
SR4	12/13/2018 7:37	0.09				SR12	12/13/2018 7:37	0.11			
SR4	12/13/2018 7:57	0.12				SR12	12/13/2018 7:57	0.06			
SR4	12/13/2018 8:17	0.08				SR12	12/13/2018 8:17	0.14			
SR4	12/13/2018 8:37	0.09				SR12	12/13/2018 8:37	0.08			
SR4	12/13/2018 8:57	0.10				SR12	12/13/2018 8:57	0.10			
SR4	12/13/2018 9:17	0.07				SR12	12/13/2018 9:17	0.09			
SR4	12/13/2018 9:37	0.07				SR12	12/13/2018 9:37	0.06			
SR4	12/13/2018 9:57	0.09				SR12	12/13/2018 9:57	0.07			
SR4	12/13/2018 10:17	0.07				SR12	12/13/2018 10:17	0.04			
SR4	12/13/2018 10:37	0.07				SR12	12/13/2018 10:37	0.11			
SR4	12/13/2018 10:57	0.11				SR12	12/13/2018 10:57	0.05			
SR4	12/13/2018 11:17	0.08				SR12	12/13/2018 11:17	0.08			
SR4	12/13/2018 11:37	0.11				SR12	12/13/2018 11:37	0.07			
SR4	12/13/2018 11:57	0.08				SR12	12/13/2018 11:57	0.05			
SR4	12/13/2018 12:17	0.12				SR12	12/13/2018 12:17	0.06			
SR4	12/13/2018 12:37	0.08				SR12	12/13/2018 12:37	0.07			
SR4	12/13/2018 12:57	0.09				SR12	12/13/2018 12:57	0.10			
SR4	12/13/2018 13:17	0.08				SR12	12/13/2018 13:17	0.06			
SR4	12/13/2018 13:37	0.06				SR12	12/13/2018 13:37	0.09			
SR4	12/13/2018 13:57	0.09				SR12	12/13/2018 13:57	0.07			
SR4	12/13/2018 14:17	0.06				SR12	12/13/2018 14:17	0.08			
SR4	12/13/2018 14:37	0.09				SR12	12/13/2018 14:37	0.05			
SR4	12/13/2018 14:57	0.06				SR12	12/13/2018 14:57	0.09			
SR4	12/13/2018 15:17	0.06				SR12	12/13/2018 15:17	0.07			
SR4	12/13/2018 15:37	0.06				SR12	12/13/2018 15:37	0.08			
SR4	12/13/2018 15:57	0.07				SR12	12/13/2018 15:57	0.06			
SR4	12/13/2018 16:17	0.08				SR12	12/13/2018 16:17	0.09			
SR4	12/13/2018 16:37	0.09				SR12	12/13/2018 16:37	0.09			
SR4	12/13/2018 16:57	0.08				SR12	12/13/2018 16:57	0.11			
SR4	12/13/2018 17:17	0.07				SR12	12/13/2018 17:17	0.07			
SR4	12/13/2018 17:37	0.09				SR12	12/13/2018 17:37	0.04			
SR4	12/13/2018 17:57	0.07				SR12	12/13/2018 17:57	0.08			
SR4	12/13/2018 18:17	0.06				SR12	12/13/2018 18:17	0.05			
SR4	12/13/2018 18:37	0.07				SR12	12/13/2018 18:37	0.06			
SR4	12/13/2018 18:57	0.09				SR12	12/13/2018 18:57	0.05			
SR4	12/13/2018 19:17	0.07				SR12	12/13/2018 19:17	0.10			
SR4	12/13/2018 19:37	0.08				SR12	12/13/2018 19:37	0.07			
SR4	12/13/2018 19:57	0.06				SR12	12/13/2018 19:57	0.07			
SR4	12/13/2018 20:17	0.07				SR12	12/13/2018 20:17	0.06			
SR4	12/13/2018 20:37	0.09				SR12	12/13/2018 20:37	0.07			
SR4	12/13/2018 20:57	0.09				SR12	12/13/2018 20:57	0.08			
SR4	12/13/2018 21:17	0.09				SR12	12/13/2018 21:17	0.08			
SR4	12/13/2018 21:37	0.06				SR12	12/13/2018 21:37	0.08			
SR4	12/13/2018 21:57	0.08				SR12	12/13/2018 21:57	0.08			
SR4	12/13/2018 22:17	0.07				SR12	12/13/2018 22:17	0.08			
SR4	12/13/2018 22:37	0.08				SR12	12/13/2018 22:37	0.07			
SR4	12/13/2018 22:57	0.07				SR12	12/13/2018 22:57	0.07			
SR4	12/13/2018 23:17	0.08				SR12	12/13/2018 23:17	0.07			
SR4	12/13/2018 23:37	0.09				SR12	12/13/2018 23:37	0.05			
SR4	12/13/2018 23:57	0.07				SR12	12/13/2018 23:57	0.09			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.
SR5 monitoring station was under maintenance during 12:25-12:50.

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/14/2018 0:01	21.18	82.1	6.02	2.7	SR4	12/14/2018 6:01	21.32	68.4	5.01	3.4	SR4	12/14/2018 12:01	21.05	83.8	6.16	3.3	SR4	12/14/2018 18:01	21.10	79.8	5.87	5.1
SR4	12/14/2018 0:06	21.19	80.9	5.93	1.3	SR4	12/14/2018 6:06	21.22	73.3	5.37	3.8	SR4	12/14/2018 12:06	21.04	83.4	6.13	3.0	SR4	12/14/2018 18:06	21.10	79.4	5.83	4.5
SR4	12/14/2018 0:11	21.19	81.8	6.00	1.9	SR4	12/14/2018 6:11	21.16	73.6	5.41	1.3	SR4	12/14/2018 12:11	21.06	83.5	6.14	4.3	SR4	12/14/2018 18:11	21.09	80.5	5.91	5.5
SR4	12/14/2018 0:16	21.19	81.9	6.01	2.2	SR4	12/14/2018 6:16	21.12	75.5	5.55	1.4	SR4	12/14/2018 12:16	21.06	82.9	6.09	2.9	SR4	12/14/2018 18:16	21.09	81.5	5.99	4.7
SR4	12/14/2018 0:21	21.20	82.8	6.07	7.8	SR4	12/14/2018 6:21	21.13	78.4	5.76	2.2	SR4	12/14/2018 12:21	21.08	82.5	6.06	2.4	SR4	12/14/2018 18:21	21.09	80.7	5.93	3.6
SR4	12/14/2018 0:26	21.20	82.9	6.08	2.2	SR4	12/14/2018 6:26	21.16	77.9	5.72	1.6	SR4	12/14/2018 12:26	21.07	82.9	6.09	4.1	SR4	12/14/2018 18:26	21.09	79.2	5.82	3.0
SR4	12/14/2018 0:31	21.20	82.7	6.07	2.5	SR4	12/14/2018 6:31	21.17	78.1	5.73	2.3	SR4	12/14/2018 12:31	21.07	83.1	6.11	3.2	SR4	12/14/2018 18:31	21.10	80.6	5.93	4.0
SR4	12/14/2018 0:36	21.19	83.4	6.11	3.2	SR4	12/14/2018 6:36	21.10	76.8	5.65	8.1	SR4	12/14/2018 12:36	21.07	83.3	6.12	3.2	SR4	12/14/2018 18:36	21.09	81.8	6.01	4.4
SR4	12/14/2018 0:41	21.19	81.8	6.00	1.6	SR4	12/14/2018 6:41	21.17	75.4	5.53	1.5	SR4	12/14/2018 12:41	21.06	84.1	6.18	3.8	SR4	12/14/2018 18:41	21.09	79.7	5.86	3.1
SR4	12/14/2018 0:46	21.19	83.1	6.10	2.1	SR4	12/14/2018 6:46	21.19	69.5	5.11	1.6	SR4	12/14/2018 12:46	21.07	82.9	6.09	3.0	SR4	12/14/2018 18:46	21.08	82.3	6.05	3.7
SR4	12/14/2018 0:51	21.19	83.1	6.09	2.7	SR4	12/14/2018 6:51	21.25	69.1	5.06	2.0	SR4	12/14/2018 12:51	21.06	82.7	6.08	3.1	SR4	12/14/2018 18:51	21.08	82.1	6.03	5.8
SR4	12/14/2018 0:56	21.19	83.9	6.15	2.0	SR4	12/14/2018 6:56	21.24	69.7	5.11	5.1	SR4	12/14/2018 12:56	21.06	82.6	6.07	3.6	SR4	12/14/2018 18:56	21.08	82.0	6.03	3.2
SR4	12/14/2018 1:01	21.19	83.3	6.11	3.6	SR4	12/14/2018 7:01	21.20	73.2	5.37	3.1	SR4	12/14/2018 13:01	21.07	82.6	6.07	4.0	SR4	12/14/2018 19:01	21.08	82.3	6.05	3.9
SR4	12/14/2018 1:06	21.19	84.3	6.18	2.3	SR4	12/14/2018 7:06	21.19	78.0	5.72	2.2	SR4	12/14/2018 13:06	21.07	83.0	6.10	4.0	SR4	12/14/2018 19:06	21.08	81.8	6.01	3.2
SR4	12/14/2018 1:11	21.19	83.8	6.14	4.1	SR4	12/14/2018 7:11	21.19	77.1	5.66	1.8	SR4	12/14/2018 13:11	21.07	82.8	6.08	3.3	SR4	12/14/2018 19:11	21.08	80.2	5.90	2.7
SR4	12/14/2018 1:16	21.19	84.6	6.21	2.5	SR4	12/14/2018 7:16	21.18	79.8	5.85	2.3	SR4	12/14/2018 13:16	21.07	82.8	6.08	4.1	SR4	12/14/2018 19:16	21.08	80.5	5.92	4.0
SR4	12/14/2018 1:21	21.19	84.3	6.18	2.5	SR4	12/14/2018 7:21	21.16	80.2	5.88	3.4	SR4	12/14/2018 13:21	21.08	82.9	6.09	3.7	SR4	12/14/2018 19:21	21.08	80.1	5.89	2.9
SR4	12/14/2018 1:26	21.19	83.2	6.10	2.7	SR4	12/14/2018 7:26	21.18	79.9	5.86	2.4	SR4	12/14/2018 13:26	21.06	83.3	6.12	4.3	SR4	12/14/2018 19:26	21.08	80.7	5.93	3.5
SR4	12/14/2018 1:31	21.18	81.7	5.99	2.0	SR4	12/14/2018 7:31	21.14	81.0	5.95	2.8	SR4	12/14/2018 13:31	21.06	82.7	6.08	4.7	SR4	12/14/2018 19:31	21.07	80.5	5.92	5.0
SR4	12/14/2018 1:36	21.17	82.6	6.06	2.8	SR4	12/14/2018 7:36	21.16	80.6	5.91	2.9	SR4	12/14/2018 13:36	21.07	82.4	6.05	4.0	SR4	12/14/2018 19:36	21.08	80.0	5.88	3.4
SR4	12/14/2018 1:41	21.17	83.1	6.10	1.7	SR4	12/14/2018 7:41	21.11	82.2	6.04	4.9	SR4	12/14/2018 13:41	21.07	82.5	6.06	3.0	SR4	12/14/2018 19:41	21.08	80.7	5.93	3.4
SR4	12/14/2018 1:46	21.17	81.7	5.99	1.9	SR4	12/14/2018 7:46	21.08	84.7	6.37	6.9	SR4	12/14/2018 13:46	21.07	82.0	6.03	2.7	SR4	12/14/2018 19:46	21.07	81.6	6.00	3.2
SR4	12/14/2018 1:51	21.16	82.0	6.01	1.5	SR4	12/14/2018 7:51	21.09	84.5	6.21	6.4	SR4	12/14/2018 13:51	21.08	81.2	5.97	2.7	SR4	12/14/2018 19:51	21.06	82.7	6.08	2.9
SR4	12/14/2018 1:56	21.16	82.0	6.02	1.7	SR4	12/14/2018 7:56	21.06	85.0	6.24	4.4	SR4	12/14/2018 13:56	21.11	80.2	5.90	2.8	SR4	12/14/2018 19:56	21.06	82.7	6.08	3.1
SR4	12/14/2018 2:01	21.15	82.6	6.06	2.3	SR4	12/14/2018 8:01	21.07	84.7	6.22	4.7	SR4	12/14/2018 14:01	21.09	81.9	6.02	3.0	SR4	12/14/2018 20:01	21.06	82.2	6.04	5.0
SR4	12/14/2018 2:06	21.16	82.7	6.07	1.9	SR4	12/14/2018 8:06	21.07	84.9	6.24	4.5	SR4	12/14/2018 14:06	21.09	81.8	6.01	3.9	SR4	12/14/2018 20:06	21.05	82.9	6.09	4.1
SR4	12/14/2018 2:11	21.16	82.6	6.06	1.9	SR4	12/14/2018 8:11	21.06	84.2	6.19	4.2	SR4	12/14/2018 14:11	21.09	81.8	6.01	3.6	SR4	12/14/2018 20:11	21.06	82.2	6.04	2.9
SR4	12/14/2018 2:16	21.16	82.2	6.03	1.9	SR4	12/14/2018 8:16	21.06	83.4	6.13	5.0	SR4	12/14/2018 14:16	21.10	82.2	6.04	6.0	SR4	12/14/2018 20:16	21.06	81.9	6.02	2.7
SR4	12/14/2018 2:21	21.16	81.8	6.01	1.7	SR4	12/14/2018 8:21	21.06	84.0	6.17	3.7	SR4	12/14/2018 14:21	21.10	81.7	6.00	3.9	SR4	12/14/2018 20:21	21.06	82.2	6.05	3.5
SR4	12/14/2018 2:26	21.16	81.1	5.95	1.8	SR4	12/14/2018 8:26	21.05	84.2	6.19	3.5	SR4	12/14/2018 14:26	21.09	81.7	6.00	3.2	SR4	12/14/2018 20:26	21.05	82.8	6.09	3.1
SR4	12/14/2018 2:31	21.15	80.6	5.91	1.7	SR4	12/14/2018 8:31	21.05	84.5	6.21	3.5	SR4	12/14/2018 14:31	21.09	82.2	6.04	5.3	SR4	12/14/2018 20:31	21.05	82.7	6.08	2.8
SR4	12/14/2018 2:36	21.16	80.8	5.93	1.5	SR4	12/14/2018 8:36	21.04	85.5	6.29	4.7	SR4	12/14/2018 14:36	21.09	81.6	6.00	3.5	SR4	12/14/2018 20:36	21.05	82.0	6.03	2.7
SR4	12/14/2018 2:41	21.15	80.5	5.90	4.0	SR4	12/14/2018 8:41	21.02	87.3	6.42	6.4	SR4	12/14/2018 14:41	21.10	81.2	5.96	3.5	SR4	12/14/2018 20:41	21.05	81.8	6.02	3.2
SR4	12/14/2018 2:46	21.14	81.7	5.99	1.5	SR4	12/14/2018 8:46	21.02	87.6	6.44	3.9	SR4	12/14/2018 14:46	21.10	81.2	5.97	2.8	SR4	12/14/2018 20:46	21.05	82.2	6.04	3.5
SR4	12/14/2018 2:51	21.15	80.3	5.89	1.5	SR4	12/14/2018 8:51	21.01	87.3	6.42	5.0	SR4	12/14/2018 14:51	21.10	81.8	6.01	3.4	SR4	12/14/2018 20:51	21.05	82.4	6.06	3.0
SR4	12/14/2018 2:56	21.15	80.1	5.88	1.3	SR4	12/14/2018 8:56	21.03	86.9	6.39	4.3	SR4	12/14/2018 14:56	21.10	81.3	5.97	3.2	SR4	12/14/2018 20:56	21.05	82.5	6.07	3.4
SR4	12/14/2018 3:01	21.15	79.9	5.86	4.7	SR4	12/14/2018 9:01	21.03	86.9	6.38	5.2	SR4	12/14/2018 15:01	21.10	81.6	6.00	3.4	SR4	12/14/2018 21:01	21.05	82.6	6.08	3.3
SR4	12/14/2018 3:06	21.15	80.9	5.94	1.2	SR4	12/14/2018 9:06	21.02	87.4	6.42	4.5	SR4	12/14/2018 15:06	21.10	81.4	5.98	3.7	SR4	12/14/2018 21:06	21.05	83.2	6.12	2.9
SR4	12/14/2018 3:11	21.15	80.2	5.88	1.2	SR4	12/14/2018 9:11	21.01	87.8	6.46	4.8	SR4	12/14/2018 15:11	21.10	81.4	5.98	3.3	SR4	12/14/2018 21:11	21.05	82.9	6.09	3.6
SR4	12/14/2018 3:16	21.15	80.8	5.93	1.7	SR4	12/14/2018 9:16	21.02	87.6	6.44	4.1	SR4	12/14/2018 15:16	21.10	81.2	5.97	4.3	SR4	12/14/2018 21:16	21.05	82.6	6.07	2.4
SR4	12/14/2018 3:21	21.16	79.0	5.80	1.8	SR4	12/14/2018 9:21	21.00	87.1	6.41	4.6	SR4	12/14/2018 15:21	21.10	81.6	6.00	4.0	SR4	12/14/2018 21:21	21.04	83.2	6.11	2.8
SR4	12/14/2018 3:26	21.18	77.9	5.72	1.4	SR4	12/14/2018 9:26	21.00	86.9	6.39	5.4	SR4	12/14/2018 15:26	21.10	81.2	5.97	2.8	SR4	12/14/2018 21:26	21.03	82.9	6.10	3.1
SR4	12/14/2018 3:31	21.14	79.7	5.85	1.1	SR4	12/14/2018 9:31	21.01	87.2	6.41	4.4	SR4	12/14/2018 15:31	21.11	81.6	6.00	3.1	SR4	12/14/2018 21:31	21.01	82.4	6.06	2.1
SR4	12/14/2018 3:36	21.14	80.3	5.90	3.1	SR4	12/14/2018 9:36	21.01	87.1	6.40	4.2	SR4	12/14/2018 15:36	21.12	80.6	5.92	2.8	SR4	12/14/2018 21:36	21.03	82.5	6.07	3.5
SR4	12/14/2018 3:41	21.15	79.3	5.82	3.3	SR4	12/14/2018 9:41	21.01	87.1	6.41	4.3	SR4	12/14/2018 15:41	21.11	81.4	5.98	3.6	SR4	12/14/2018 21:41	21.02	82.0	6.03	1.9
SR4	12/14/2018 3:46	21.15	80.1	5.88	1.4	SR4	12/14/2018 9:46	21.01	87.0	6.39	3.9	SR4	12/14/2018 15:46	21.11	80.9	5.94	3.5	SR4	12/14/2018 21:46	21.04	82.0	6.03	2.5
SR4	12/14/2018 3:51	21.15	79.1	5.81	2.5	SR4	12/14/2018 9:51	21.01	87.0	6.40	3.4	SR4	12/14/2018 15:51	21.11	81.2	5.97	3.8	SR4	12/14/2018 21:51	21.03	81.9	6.02	3.0
SR4	12/14/2018 3:56	21.15	79.2	5.81	1.0	SR4	12/14/2018 9:56	21.00	87.9	6.46	4.1	SR4	12/14/2018 15:56	21.11	81.5	5.99	5.0	SR4	12/14/2018 21:56	21.04	82.4	6.06	3.4
SR4	12/14/2018 4:01	21.14	80.3	5.89	1.3	SR4	12/14/2018 10:01	21.02	83.7	6.16	2.7	SR4	12/14/2018 16:01	21.11	81.4	5.98	4.7	SR4	12/14/2018 22:01	21.05	82.1	6.04	3.3
SR4	12/14/2018 4:06	21.15	78.0	5.72	1.7	SR4	12/14/2018 10:06	21.03	83.8	6.16	3.6	SR4	12/14/2018 16:06	21.11	81.3	5.97	3.4	SR4	12/14/2018 22:06	21.04	82.2	6.05	3.3
SR4	12/14/2018 4:11	21.15	76.5	5.62	1.7	SR4	12/14/2018 10:11	21.03	84.4	6.21	3.4	SR4	12/14/2018 16:11	21.11	81.0	5.95	4.2	SR4	12/14/2018 22:11	21.04	82.3	6.05	2.6
SR4	12/14/2018 4:16	21.14	78.2	5.74	1.5	SR4	12/14/2018 10:16	21.02	85.5	6.29	3.2	SR4	12/14/2018 16:16	21.11	80.3	5.90	2.9	SR4	12/14/2018 22:16	21.04	82.6	6.07	3.4
SR4	12/14/2018 4:21	21.15	78.9	5.79	1.0	SR4	12/14/2018 10:21	21.04	84.1	6.18	3.2	SR4	12/14/2018 16:21	21.11	81.0	5.95	3.8	SR4	12/14/2018 22:21	21.05	82.0	6.03	3.9
SR4	12/14/2018 4:26	21.17	77.1	5.66	1.9	SR4	12/14/2018 10:26	21.03	84.4	6.20	3.6	SR4	12/14/2018 16:26	21.11	81.0	5.95	3.2	SR4	12/14/2018 22:26	21.04	82.2	6.05	3.9
SR4	12/14/2018 4:31	21.17	77.4	5.68	1.4	SR4	12/14/2018 10:31	21.03	84.7	6.22	4.5	SR4	12/14/2018 16:31	21.11	81.1	5.96	3.5	SR4	12/14/2018 22:31	21.04	82.2	6.05	2.9
SR4	12/14/2018 4:36	21.16	76.9	5.64	3.8	SR4	12/14/2018 10:36	21.02	85.1	6.26	3.6	SR4	12/14/2018 16:36	21.10	81.1	5.96	4.6	SR4	12/14/2018 22:36	21.04	81.9	6.02	2.7
SR4	12/14/2018 4:41	21.14	78.3	5.75	1.2	SR4	12/14/2018 10:41	20.97	84.4	6.22	2.9	SR4	12/14/2018 16:41	21.09	80.6	5.92	4.1	SR4	12/14/2018 22:41	21.04	81.2	5.97	3.3
SR4	12/14/2018 4:46	21.14	79.5	5.84	1.5	SR4						SR4	12/14/2018 16:46	21.10	80.5	5.91	3.8	SR4	12/14/2018 22:46	21.06	78.3	5.76	1.6
SR4	12/14/2018 4:51	21.14	79.6	5.84	1.2	SR4						SR4	12/14/2018 16:51	21.10	79.7	5.86	2.9	SR4	12/14/2018 22:51	21.07	77.3	5.68	1.4
SR4	12/14/2018 4:56	21.14	78.9	5.79	1.1	SR4						SR4	12/14/2018 16:56	21.10	79.9	5.87	4.6	SR4	12/14/2018 22:56	21.03	76.2	5.61	1.4
SR4	12/14/2018 5:01	21.10	73.7	5.41	3.1	SR4						SR4	12/14/2018 17:01	21.11	78.5	5.77	3.3	SR4	12/14/2018 23:01	21.06	76.5	5.63	1.7
SR4	12/14/2018 5:06	21.14	77.0	5.65	2.7	SR4						SR4	12/14/2018 17:06	21.11	77.4	5.69	3.0	SR4	12/14/2018 23:06	21.06	76.3	5.61	1.6
SR4	12/14/2018 5:11	21.13	79.0	5.80	2.6	SR4						SR4	12/14/2018 17:11	21.09	80.6	5.93	3.8	SR4	12/14/2018 23:11	21.06	76.6	5.63	1.5
SR4	12/14/2018 5:16	21.13	79.8	5.86	2.2	SR4						SR4	12/14/2018 17:16	21.09	79.9	5.87	3.6	SR4	12/14/2018 23:16	21.05	76.4	5.62	1.9
SR4	12/14/2018 5:21	21.13	78.4	5.76	1.7	SR4						SR4	12/14/2018 17:21	21.09	79.0	5.81	3.0	SR4	12/14/2018 23:21	21.06	76.9	5.65	1.5
SR4	12/14/2018 5:26	21.14	79.6	5.84	2.5	SR4						SR4	12/14/2018 17:26	21.08	80.4	5.91	4.7	SR4	12/14/2018 23:26	21.05	76.5	5.63	3.7
SR4	12/14/2018 5:31	21.13	79.2	5.81	1.6	SR4						SR4	12/14/2018 17:31	21.10	80.1	5.88	5.8	SR4	12/14/2018 23:31	21.04	76.6	5.63	1.2
SR4	12/14/2018 5:36	21.15	78.2	5.74	1.4	SR4						SR4	12/14/2018 17:36	21.09	79.8	5.86	4.4	SR4	12/14/2018 23:36	21.04	75.9	5.58	1.0
SR4	12/14/2018 5:41	21.13	78.9	5.79	1.5	SR4						SR4	12/14/2018 17:41	21.09	79.4	5.84	4.9	SR4	12/14/2018 23:41	21.04	74.9	5.51	4.8
SR4	12/14/2018 5:46	21.14	78.9	5.79	1.4	SR4						SR4	12/14/2018 17:46	21.09	79.6	5.85	4.5	SR4	12/14/2018 23:46	21.03	73.1	5.38	1.8
SR4	12/14/2018 5:51	21.19	74.6	5.47	2.1	SR4	12/14/2018 11:51	21.07	83.4	6.13	3.3	SR4	12/14/2018 17:51	21.09	78.1	5.74	3.4	SR4	12/14/2018 23:51	21.03	75.2	5.53	1.7
SR4	12/14/2018 5:56	21.45	65.8	4.81	3.0	SR4	12/14/2018 11:56	21.04	84.5	6.22	3.5	SR4	12/14/2018 17:56	21.09	76.4	5.62	2.5	SR4	12/14/2018 23:56	21.02	77.1	5.67	2.5

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/14/2018 0:00	21.62	88.7	6.39	4.1	SR5	12/14/2018 6:00	21.53	84.9	6.12	2.5	SR5	12/14/2018 12:00	21.47	87.8	6.34	4.1	SR5	12/14/2018 18:00	21.44	85.9	6.20	3.0
SR5	12/14/2018 0:05	21.61	87.4	6.30	2.1	SR5	12/14/2018 6:05	21.53	84.8	6.12	3.2	SR5	12/14/2018 12:05	21.47	88.5	6.38	2.8	SR5	12/14/2018 18:05	21.45	86.9	6.27	4.3
SR5	12/14/2018 0:10	21.62	87.5	6.31	2.9	SR5	12/14/2018 6:10	21.53	84.0	6.06	2.2	SR5	12/14/2018 12:10	21.47	86.2	6.23	4.0	SR5	12/14/2018 18:10	21.44	85.9	6.20	4.3
SR5	12/14/2018 0:15	21.62	87.1	6.28	4.0	SR5	12/14/2018 6:15	21.56	84.6	6.10	1.7	SR5	12/14/2018 12:15	21.46	88.2	6.36	4.3	SR5	12/14/2018 18:15	21.44	85.7	6.18	3.2
SR5	12/14/2018 0:20	21.60	87.3	6.29	3.9	SR5	12/14/2018 6:20	21.56	85.9	6.19	3.5	SR5	12/14/2018 12:20	21.45	86.2	6.22	2.1	SR5	12/14/2018 18:20	21.44	88.0	6.35	3.6
SR5	12/14/2018 0:25	21.61	88.9	6.41	4.4	SR5	12/14/2018 6:25	21.56	85.0	6.13	3.5	SR5	12/14/2018 12:25	21.45	87.9	6.34	4.8	SR5	12/14/2018 18:25	21.44	85.6	6.18	2.5
SR5	12/14/2018 0:30	21.60	87.6	6.32	3.3	SR5	12/14/2018 6:30	21.55	86.3	6.22	2.5	SR5	12/14/2018 12:30	21.46	87.7	6.33	2.2	SR5	12/14/2018 18:30	21.43	86.1	6.22	4.7
SR5	12/14/2018 0:35	21.61	89.3	6.44	2.7	SR5	12/14/2018 6:35	21.54	86.1	6.22	5.8	SR5	12/14/2018 12:35	21.47	86.9	6.27	3.5	SR5	12/14/2018 18:35	21.42	85.9	6.20	3.8
SR5	12/14/2018 0:40	21.60	88.6	6.39	2.4	SR5	12/14/2018 6:40	21.56	85.0	6.13	3.3	SR5	12/14/2018 12:40	21.46	87.4	6.31	3.4	SR5	12/14/2018 18:40	21.44	87.5	6.32	3.3
SR5	12/14/2018 0:45	21.62	86.6	6.24	3.4	SR5	12/14/2018 6:45	21.56	84.5	6.10	3.4	SR5	12/14/2018 12:45	21.47	88.1	6.36	2.5	SR5	12/14/2018 18:45	21.44	87.0	6.28	4.2
SR5	12/14/2018 0:50	21.62	88.0	6.34	4.0	SR5	12/14/2018 6:50	21.56	84.8	6.11	3.9	SR5	12/14/2018 12:50	21.47	86.5	6.25	4.4	SR5	12/14/2018 18:50	21.43	87.8	6.34	2.9
SR5	12/14/2018 0:55	21.62	86.9	6.26	6.3	SR5	12/14/2018 6:55	21.55	83.2	6.00	5.2	SR5	12/14/2018 12:55	21.47	85.9	6.20	2.2	SR5	12/14/2018 18:55	21.44	87.6	6.32	3.4
SR5	12/14/2018 1:00	21.62	89.1	6.42	3.1	SR5	12/14/2018 7:00	21.58	85.1	6.14	4.6	SR5	12/14/2018 13:00	21.47	88.5	6.38	3.9	SR5	12/14/2018 19:00	21.42	87.8	6.34	3.0
SR5	12/14/2018 1:05	21.62	87.3	6.29	2.0	SR5	12/14/2018 7:05	21.54	86.2	6.21	3.7	SR5	12/14/2018 13:05	21.46	86.1	6.21	2.2	SR5	12/14/2018 19:05	21.44	88.0	6.35	2.2
SR5	12/14/2018 1:10	21.61	89.4	6.44	3.5	SR5	12/14/2018 7:10	21.56	87.2	6.29	2.8	SR5	12/14/2018 13:10	21.46	87.9	6.34	3.4	SR5	12/14/2018 19:10	21.43	86.2	6.22	2.9
SR5	12/14/2018 1:15	21.62	87.2	6.29	2.9	SR5	12/14/2018 7:15	21.56	86.1	6.21	3.8	SR5	12/14/2018 13:15	21.46	87.0	6.28	3.4	SR5	12/14/2018 19:15	21.41	87.6	6.32	4.7
SR5	12/14/2018 1:20	21.61	87.3	6.29	3.6	SR5	12/14/2018 7:20	21.54	86.6	6.25	4.4	SR5	12/14/2018 13:20	21.45	86.7	6.25	4.1	SR5	12/14/2018 19:20	21.42	86.3	6.23	2.1
SR5	12/14/2018 1:25	21.61	88.8	6.40	2.4	SR5	12/14/2018 7:25	21.53	86.4	6.24	1.6	SR5	12/14/2018 13:25	21.46	88.6	6.39	2.9	SR5	12/14/2018 19:25	21.43	87.5	6.31	4.2
SR5	12/14/2018 1:30	21.61	88.1	6.36	3.4	SR5	12/14/2018 7:30	21.52	87.4	6.30	3.5	SR5	12/14/2018 13:30	21.46	77.8	5.62	2.1	SR5	12/14/2018 19:30	21.42	86.6	6.25	3.8
SR5	12/14/2018 1:35	21.61	88.0	6.35	2.8	SR5	12/14/2018 7:35	21.48	85.5	6.17	3.1	SR5	12/14/2018 13:35	21.46	78.0	5.63	4.0	SR5	12/14/2018 19:35	21.42	86.3	6.23	4.1
SR5	12/14/2018 1:40	21.61	89.0	6.42	3.2	SR5	12/14/2018 7:40	21.48	86.4	6.23	4.2	SR5	12/14/2018 13:40	21.47	87.7	6.33	3.9	SR5	12/14/2018 19:40	21.43	86.7	6.25	4.0
SR5	12/14/2018 1:45	21.61	89.1	6.42	**10.6**	SR5	12/14/2018 7:45	21.47	87.2	6.33	4.9	SR5	12/14/2018 13:45	21.46	87.2	6.29	2.7	SR5	12/14/2018 19:45	21.41	86.1	6.21	3.2
SR5	12/14/2018 1:50	21.60	86.7	6.25	5.5	SR5	12/14/2018 7:50	21.47	87.4	6.31	3.8	SR5	12/14/2018 13:50	21.47	86.2	6.22	5.0	SR5	12/14/2018 19:50	21.40	87.8	6.33	3.2
SR5	12/14/2018 1:55	21.60	86.4	6.23	2.1	SR5	12/14/2018 7:55	21.45	87.4	6.31	2.1	SR5	12/14/2018 13:55	21.45	85.6	6.18	3.2	SR5	12/14/2018 19:55	21.40	85.6	6.18	5.0
SR5	12/14/2018 2:00	21.61	88.8	6.40	2.0	SR5	12/14/2018 8:00	21.46	88.4	6.38	4.2	SR5	12/14/2018 14:00	21.46	88.2	6.36	1.8	SR5	12/14/2018 20:00	21.40	86.6	6.25	4.6
SR5	12/14/2018 2:05	21.61	87.8	6.33	2.5	SR5	12/14/2018 8:05	21.47	87.8	6.34	3.4	SR5	12/14/2018 14:05	21.45	87.8	6.33	2.9	SR5	12/14/2018 20:05	21.38	86.5	6.24	2.3
SR5	12/14/2018 2:10	21.61	86.7	6.25	3.7	SR5	12/14/2018 8:10	21.47	86.9	6.27	4.3	SR5	12/14/2018 14:10	21.46	86.5	6.24	3.8	SR5	12/14/2018 20:10	21.40	86.0	6.20	3.3
SR5	12/14/2018 2:15	21.61	88.0	6.35	2.9	SR5	12/14/2018 8:15	21.45	88.1	6.36	3.4	SR5	12/14/2018 14:15	21.47	86.9	6.27	4.7	SR5	12/14/2018 20:15	21.40	88.0	6.35	3.7
SR5	12/14/2018 2:20	21.61	88.4	6.37	4.7	SR5	12/14/2018 8:20	21.43	86.8	6.27	2.8	SR5	12/14/2018 14:20	21.47	86.2	6.22	2.3	SR5	12/14/2018 20:20	21.40	86.8	6.27	3.7
SR5	12/14/2018 2:25	21.60	88.7	6.40	2.6	SR5	12/14/2018 8:25	21.46	89.3	6.44	3.9	SR5	12/14/2018 14:25	21.48	88.3	6.37	2.5	SR5	12/14/2018 20:25	21.39	88.6	6.40	3.1
SR5	12/14/2018 2:30	21.59	87.3	6.29	2.1	SR5	12/14/2018 8:30	21.46	89.3	6.44	3.5	SR5	12/14/2018 14:30	21.47	88.4	6.38	3.0	SR5	12/14/2018 20:30	21.39	87.2	6.29	2.0
SR5	12/14/2018 2:35	21.59	88.2	6.36	1.7	SR5	12/14/2018 8:35	21.44	88.1	6.36	4.3	SR5	12/14/2018 14:35	21.47	85.9	6.20	3.0	SR5	12/14/2018 20:35	21.40	86.4	6.24	3.2
SR5	12/14/2018 2:40	21.58	86.4	6.23	3.6	SR5	12/14/2018 8:40	21.47	88.4	6.39	3.3	SR5	12/14/2018 14:40	21.48	88.2	6.36	4.5	SR5	12/14/2018 20:40	21.39	87.2	6.29	3.9
SR5	12/14/2018 2:45	21.59	88.5	6.38	3.7	SR5	12/14/2018 8:45	21.46	88.5	6.39	3.1	SR5	12/14/2018 14:45	21.48	87.3	6.30	1.9	SR5	12/14/2018 20:45	21.41	87.7	6.33	2.3
SR5	12/14/2018 2:50	21.57	88.2	6.36	2.3	SR5	12/14/2018 8:50	21.44	88.1	6.36	4.8	SR5	12/14/2018 14:50	21.48	86.4	6.24	3.7	SR5	12/14/2018 20:50	21.41	85.9	6.20	4.2
SR5	12/14/2018 2:55	21.58	87.2	6.29	3.8	SR5	12/14/2018 8:55	21.46	87.5	6.32	4.0	SR5	12/14/2018 14:55	21.48	86.4	6.23	4.4	SR5	12/14/2018 20:55	21.41	87.8	6.34	3.9
SR5	12/14/2018 3:00	21.56	86.5	6.24	4.0	SR5	12/14/2018 9:00	21.43	88.2	6.37	4.2	SR5	12/14/2018 15:00	21.47	87.1	6.29	4.1	SR5	12/14/2018 21:00	21.41	86.3	6.23	3.2
SR5	12/14/2018 3:05	21.57	87.8	6.33	2.8	SR5	12/14/2018 9:05	21.44	89.6	6.47	4.5	SR5	12/14/2018 15:05	21.48	87.3	6.30	3.1	SR5	12/14/2018 21:05	21.40	87.4	6.31	3.8
SR5	12/14/2018 3:10	21.59	86.4	6.23	3.3	SR5	12/14/2018 9:10	21.42	88.0	6.36	4.4	SR5	12/14/2018 15:10	21.48	86.3	6.23	4.4	SR5	12/14/2018 21:10	21.41	87.5	6.32	2.4
SR5	12/14/2018 3:15	21.58	87.1	6.28	1.7	SR5	12/14/2018 9:15	21.45	88.6	6.40	3.1	SR5	12/14/2018 15:15	21.48	88.3	6.37	4.5	SR5	12/14/2018 21:15	21.40	88.3	6.37	3.8
SR5	12/14/2018 3:20	21.58	86.4	6.23	3.6	SR5	12/14/2018 9:20	21.45	88.5	6.39	2.7	SR5	12/14/2018 15:20	21.48	86.5	6.24	3.4	SR5	12/14/2018 21:20	21.39	87.0	6.28	2.4
SR5	12/14/2018 3:25	21.55	85.2	6.14	2.5	SR5	12/14/2018 9:25	21.45	89.9	6.49	4.2	SR5	12/14/2018 15:25	21.48	86.6	6.25	4.5	SR5	12/14/2018 21:25	21.41	88.4	6.38	4.0
SR5	12/14/2018 3:30	21.57	87.3	6.30	3.2	SR5	12/14/2018 9:30	21.43	89.5	6.46	4.4	SR5	12/14/2018 15:30	21.47	86.6	6.25	2.9	SR5	12/14/2018 21:30	21.39	87.8	6.34	3.6
SR5	12/14/2018 3:35	21.56	87.0	6.27	2.5	SR5	12/14/2018 9:35	21.44	89.8	6.48	3.2	SR5	12/14/2018 15:35	21.46	86.4	6.24	4.3	SR5	12/14/2018 21:35	21.41	87.9	6.35	4.3
SR5	12/14/2018 3:40	21.54	86.0	6.20	4.4	SR5	12/14/2018 9:40	21.45	89.5	6.46	4.6	SR5	12/14/2018 15:40	21.47	86.0	6.20	4.7	SR5	12/14/2018 21:40	21.38	86.2	6.22	2.8
SR5	12/14/2018 3:45	21.52	85.6	6.17	2.0	SR5	12/14/2018 9:45	21.44	88.9	6.42	4.7	SR5	12/14/2018 15:45	21.47	87.6	6.32	2.1	SR5	12/14/2018 21:45	21.40	87.2	6.29	1.9
SR5	12/14/2018 3:50	21.53	87.3	6.30	3.1	SR5	12/14/2018 9:50	21.44	88.8	6.41	5.1	SR5	12/14/2018 15:50	21.48	85.8	6.19	2.9	SR5	12/14/2018 21:50	21.40	86.0	6.21	2.1
SR5	12/14/2018 3:55	21.52	86.7	6.25	3.2	SR5	12/14/2018 9:55	21.42	88.2	6.37	2.7	SR5	12/14/2018 15:55	21.48	86.0	6.21	4.1	SR5	12/14/2018 21:55	21.40	87.3	6.30	2.9
SR5	12/14/2018 4:00	21.53	87.4	6.30	3.9	SR5	12/14/2018 10:00	21.43	87.3	6.30	2.1	SR5	12/14/2018 16:00	21.47	87.8	6.33	4.1	SR5	12/14/2018 22:00	21.39	87.1	6.29	4.0
SR5	12/14/2018 4:05	21.54	85.3	6.15	2.1	SR5	12/14/2018 10:05	21.41	88.8	6.41	3.4	SR5	12/14/2018 16:05	21.46	87.7	6.32	3.9	SR5	12/14/2018 22:05	21.37	86.4	6.24	3.3
SR5	12/14/2018 4:10	21.54	85.0	6.13	2.5	SR5	12/14/2018 10:10	21.43	87.4	6.31	3.1	SR5	12/14/2018 16:10	21.47	86.6	6.25	2.5	SR5	12/14/2018 22:10	21.39	86.1	6.22	2.3
SR5	12/14/2018 4:15	21.53	86.0	6.20	4.3	SR5	12/14/2018 10:15	21.42	88.4	6.38	2.7	SR5	12/14/2018 16:15	21.47	86.0	6.21	4.4	SR5	12/14/2018 22:15	21.39	87.8	6.34	4.4
SR5	12/14/2018 4:20	21.53	87.2	6.29	3.4	SR5	12/14/2018 10:20	21.46	86.6	6.25	3.7	SR5	12/14/2018 16:20	21.47	87.0	6.28	4.5	SR5	12/14/2018 22:20	21.36	87.2	6.30	4.9
SR5	12/14/2018 4:25	21.53	84.8	6.12	3.8	SR5	12/14/2018 10:25	21.44	87.9	6.34	4.4	SR5	12/14/2018 16:25	21.46	88.0	6.35	3.2	SR5	12/14/2018 22:25	21.39	87.7	6.33	3.6
SR5	12/14/2018 4:30	21.54	86.3	6.22	2.0	SR5	12/14/2018 10:30	21.45	86.9	6.27	2.5	SR5	12/14/2018 16:30	21.47	86.5	6.24	4.5	SR5	12/14/2018 22:30	21.40	87.2	6.30	3.8
SR5	12/14/2018 4:35	21.54	86.1	6.21	3.2	SR5	12/14/2018 10:35	21.44	88.1	6.36	2.1	SR5	12/14/2018 16:35	21.46	86.1	6.22	4.9	SR5	12/14/2018 22:35	21.39	87.1	6.29	3.1
SR5	12/14/2018 4:40	21.54	86.3	6.22	2.8	SR5	12/14/2018 10:40	21.45	88.1	6.36	4.2	SR5	12/14/2018 16:40	21.46	86.3	6.23	3.9	SR5	12/14/2018 22:40	21.39	85.9	6.20	3.3
SR5	12/14/2018 4:45	21.54	85.7	6.18	2.5	SR5	12/14/2018 10:45	21.46	87.9	6.34	3.7	SR5	12/14/2018 16:45	21.44	87.9	6.34	2.4	SR5	12/14/2018 22:45	21.40	87.6	6.32	2.4
SR5	12/14/2018 4:50	21.53	87.7	6.32	4.3	SR5	12/14/2018 10:50	21.46	86.6	6.25	2.3	SR5	12/14/2018 16:50	21.46	86.5	6.24	3.3	SR5	12/14/2018 22:50	21.39	87.5	6.31	3.0
SR5	12/14/2018 4:55	21.54	85.9	6.20	2.7	SR5	12/14/2018 10:55	21.46	88.1	6.35	4.9	SR5	12/14/2018 16:55	21.45	86.7	6.26	4.9	SR5	12/14/2018 22:55	21.38	87.1	6.29	4.5
SR5	12/14/2018 5:00	21.52	83.9	6.05	2.7	SR5	12/14/2018 11:00	21.45	87.3	6.30	2.5	SR5	12/14/2018 17:00	21.45	85.8	6.20	4.3	SR5	12/14/2018 23:00	21.39	85.9	6.20	3.6
SR5	12/14/2018 5:05	21.57	86.9	6.27	4.0	SR5	12/14/2018 11:05	21.46	88.1	6.36	4.8	SR5	12/14/2018 17:05	21.46	86.5	6.24	3.3	SR5	12/14/2018 23:05	21.39	86.2	6.22	1.6
SR5	12/14/2018 5:10	21.56	87.2	6.29	2.5	SR5	12/14/2018 11:10	21.47	87.8	6.34	2.9	SR5	12/14/2018 17:10	21.45	86.7	6.26	2.3	SR5	12/14/2018 23:10	21.39	84.8	6.12	2.9
SR5	12/14/2018 5:15	21.56	87.3	6.30	2.9	SR5	12/14/2018 11:15	21.48	89.0	6.43	3.4	SR5	12/14/2018 17:15	21.46	86.1	6.22	3.3	SR5	12/14/2018 23:15	21.39	85.5	6.17	2.4
SR5	12/14/2018 5:20	21.57	87.1	6.28	3.0	SR5	12/14/2018 11:20	21.48	88.7	6.40	4.3	SR5	12/14/2018 17:20	21.46	86.0	6.21	4.2	SR5	12/14/2018 23:20	21.39	87.3	6.30	3.3
SR5	12/14/2018 5:25	21.57	87.7	6.32	2.5	SR5	12/14/2018 11:25	21.48	88.5	6.39	2.7	SR5	12/14/2018 17:25	21.45	85.2	6.15	4.3	SR5	12/14/2018 23:25	21.38	85.5	6.17	3.9
SR5	12/14/2018 5:30	21.58	86.3	6.23	3.9	SR5	12/14/2018 11:30	21.47	88.5	6.39	1.5	SR5	12/14/2018 17:30	21.43	86.2	6.22	3.6	SR5	12/14/2018 23:30	21.38	85.9	6.20	3.8
SR5	12/14/2018 5:35	21.59	85.2	6.15	3.9	SR5	12/14/2018 11:35	21.46	88.6	6.39	3.2	SR5	12/14/2018 17:35	21.45	84.9	6.13	2.2	SR5	12/14/2018 23:35	21.38	85.5	6.17	2.1
SR5	12/14/2018 5:40	21.58	85.4	6.15	3.4	SR5	12/14/2018 11:40	21.48	89.1	6.43	4.5	SR5	12/14/2018 17:40	21.45	85.6	6.18	3.3	SR5	12/14/2018 23:40	21.38	85.8	6.19	2.4
SR5	12/14/2018 5:45	21.55	86.7	6.25	2.7	SR5	12/14/2018 11:45	21.48	89.0	6.42	2.7	SR5	12/14/2018 17:45	21.45	85.1	6.14	3.5	SR5	12/14/2018 23:45	21.37	84.9	6.12	3.4
SR5	12/14/2018 5:50	21.52	85.1	6.13	3.0	SR5	12/14/2018 11:50	21.47	86.9	6.27	3.0	SR5	12/14/2018 17:50	21.44	86.3	6.23	2.9	SR5	12/14/2018 23:50	21.37	86.0	6.21	2.9
SR5	12/14/2018 5:55	21.51	82.8	5.96	2.0	SR5	12/14/2018 11:55	21.47	87.0	6.28	2.7	SR5	12/14/2018 17:55	21.44	84.5	6.10	3.8	SR5	12/14/2018 23:55	21.37	85.3	6.15	4.5

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/14/2018 0:01	21.95	85.2	6.16	4.4	SR12	12/14/2018 6:01	21.86	82.5	5.98	3.9	SR12	12/14/2018 12:01	21.88	81.8	5.93	2.0	SR12	12/14/2018 18:01	21.86	80.0	5.80	1.8
SR12	12/14/2018 0:06	21.96	84.8	6.13	3.6	SR12	12/14/2018 6:06	21.86	82.3	5.96	4.9	SR12	12/14/2018 12:06	21.88	81.6	5.91	2.3	SR12	12/14/2018 18:06	21.85	80.6	5.84	4.7
SR12	12/14/2018 0:11	21.95	85.0	6.15	4.2	SR12	12/14/2018 6:11	21.85	82.4	5.97	2.4	SR12	12/14/2018 12:11	21.88	81.3	5.89	1.3	SR12	12/14/2018 18:11	21.85	81.0	5.86	4.9
SR12	12/14/2018 0:16	21.94	84.9	6.14	5.0	SR12	12/14/2018 6:16	21.84	82.4	5.97	1.5	SR12	12/14/2018 12:16	21.87	81.3	5.89	2.9	SR12	12/14/2018 18:16	21.85	80.8	5.85	4.9
SR12	12/14/2018 0:21	21.93	84.9	6.14	3.9	SR12	12/14/2018 6:21	21.87	81.7	5.92	1.2	SR12	12/14/2018 12:21	21.88	81.4	5.89	1.7	SR12	12/14/2018 18:21	21.83	80.8	5.86	3.9
SR12	12/14/2018 0:26	21.95	84.5	6.11	4.8	SR12	12/14/2018 6:26	21.88	82.1	5.94	2.1	SR12	12/14/2018 12:26	21.88	80.9	5.86	3.9	SR12	12/14/2018 18:26	21.83	80.3	5.83	2.2
SR12	12/14/2018 0:31	21.94	85.5	6.18	3.4	SR12	12/14/2018 6:31	21.90	81.2	5.88	4.7	SR12	12/14/2018 12:31	21.87	81.4	5.90	2.0	SR12	12/14/2018 18:31	21.76	80.7	5.86	3.5
SR12	12/14/2018 0:36	21.93	85.4	6.18	2.3	SR12	12/14/2018 6:36	21.86	81.9	5.94	4.8	SR12	12/14/2018 12:36	21.87	81.6	5.91	4.8	SR12	12/14/2018 18:36	21.78	80.6	5.85	2.0
SR12	12/14/2018 0:41	21.94	83.5	6.04	3.4	SR12	12/14/2018 6:41	21.85	81.8	5.93	4.4	SR12	12/14/2018 12:41	21.87	81.4	5.89	2.3	SR12	12/14/2018 18:41	21.79	81.4	5.91	3.5
SR12	12/14/2018 0:46	21.94	83.0	6.00	4.7	SR12	12/14/2018 6:46	21.84	82.1	5.95	5.0	SR12	12/14/2018 12:46	21.86	81.7	5.92	2.6	SR12	12/14/2018 18:46	21.80	81.4	5.90	1.9
SR12	12/14/2018 0:51	21.95	82.6	5.97	2.5	SR12	12/14/2018 6:51	21.84	82.1	5.95	3.6	SR12	12/14/2018 12:51	21.87	81.3	5.89	3.2	SR12	12/14/2018 18:51	21.82	80.3	5.82	3.7
SR12	12/14/2018 0:56	21.95	82.8	5.99	**17.4**	SR12	12/14/2018 6:56	21.83	81.7	5.92	4.2	SR12	12/14/2018 12:56	21.87	80.8	5.86	1.5	SR12	12/14/2018 18:56	21.83	80.4	5.83	2.3
SR12	12/14/2018 1:01	21.95	83.6	6.05	3.5	SR12	12/14/2018 7:01	21.83	82.6	5.99	4.3	SR12	12/14/2018 13:01	21.87	80.9	5.86	4.6	SR12	12/14/2018 19:01	21.83	79.6	5.77	2.6
SR12	12/14/2018 1:06	21.94	84.2	6.09	2.2	SR12	12/14/2018 7:06	21.84	81.9	5.93	4.0	SR12	12/14/2018 13:06	21.86	81.4	5.89	1.1	SR12	12/14/2018 19:06	21.84	79.9	5.79	1.4
SR12	12/14/2018 1:11	21.94	84.1	6.08	5.1	SR12	12/14/2018 7:11	21.83	82.5	5.98	1.9	SR12	12/14/2018 13:11	21.88	81.4	5.89	1.2	SR12	12/14/2018 19:11	21.83	79.8	5.78	2.7
SR12	12/14/2018 1:16	21.97	84.3	6.09	5.0	SR12	12/14/2018 7:16	21.84	82.9	6.01	3.2	SR12						SR12	12/14/2018 19:16	21.83	79.8	5.79	3.5
SR12	12/14/2018 1:21	21.95	84.4	6.10	1.7	SR12	12/14/2018 7:21	21.84	82.4	5.97	2.3	SR12						SR12	12/14/2018 19:21	21.84	80.9	5.86	1.3
SR12	12/14/2018 1:26	21.97	84.4	6.10	2.3	SR12	12/14/2018 7:26	21.84	82.3	5.97	1.5	SR12						SR12	12/14/2018 19:26	21.84	80.8	5.86	1.7
SR12	12/14/2018 1:31	21.96	84.3	6.10	3.2	SR12	12/14/2018 7:31	21.82	82.3	5.97	3.5	SR12						SR12	12/14/2018 19:31	21.84	80.4	5.82	3.9
SR12	12/14/2018 1:36	21.94	84.6	6.12	4.5	SR12	12/14/2018 7:36	21.84	81.6	5.92	4.8	SR12						SR12	12/14/2018 19:36	21.84	80.2	5.81	3.2
SR12	12/14/2018 1:41	21.94	84.3	6.10	5.0	SR12	12/14/2018 7:41	21.83	82.3	5.96	1.4	SR12						SR12	12/14/2018 19:41	21.84	79.7	5.77	2.0
SR12	12/14/2018 1:46	21.94	84.4	6.10	4.3	SR12	12/14/2018 7:46	21.83	82.6	5.99	2.5	SR12						SR12	12/14/2018 19:46	21.82	80.7	5.85	4.2
SR12	12/14/2018 1:51	21.95	83.1	6.01	1.8	SR12	12/14/2018 7:51	21.83	82.3	5.97	3.6	SR12						SR12	12/14/2018 19:51	21.84	80.0	5.80	5.2
SR12	12/14/2018 1:56	21.93	83.5	6.04	3.7	SR12	12/14/2018 7:56	21.81	83.2	6.03	1.5	SR12						SR12	12/14/2018 19:56	21.84	79.7	5.77	4.8
SR12	12/14/2018 2:01	21.93	84.0	6.07	2.8	SR12	12/14/2018 8:01	21.83	83.6	6.06	4.0	SR12						SR12	12/14/2018 20:01	21.84	79.7	5.77	5.0
SR12	12/14/2018 2:06	21.92	83.8	6.06	5.0	SR12	12/14/2018 8:06	21.83	82.6	5.98	3.4	SR12						SR12	12/14/2018 20:06	21.83	79.5	5.76	1.4
SR12	12/14/2018 2:11	21.92	83.9	6.07	5.2	SR12	12/14/2018 8:11	21.81	82.9	6.01	3.0	SR12						SR12	12/14/2018 20:11	21.83	79.8	5.78	1.9
SR12	12/14/2018 2:16	21.91	84.6	6.12	5.2	SR12	12/14/2018 8:16	21.81	83.4	6.04	2.4	SR12						SR12	12/14/2018 20:16	21.81	80.8	5.86	5.4
SR12	12/14/2018 2:21	21.91	84.8	6.13	8.2	SR12	12/14/2018 8:21	21.82	82.4	5.97	1.6	SR12						SR12	12/14/2018 20:21	21.82	80.1	5.80	2.7
SR12	12/14/2018 2:26	21.90	84.9	6.15	2.0	SR12	12/14/2018 8:26	21.81	83.1	6.03	4.9	SR12						SR12	12/14/2018 20:26	21.81	81.3	5.90	3.6
SR12	12/14/2018 2:31	21.88	85.8	6.21	2.2	SR12	12/14/2018 8:31	21.80	83.0	6.01	2.8	SR12	12/14/2018 14:31	21.86	81.9	5.93	1.3	SR12	12/14/2018 20:31	21.83	80.8	5.86	1.7
SR12	12/14/2018 2:36	21.88	85.3	6.17	1.2	SR12	12/14/2018 8:36	21.81	82.4	5.97	4.1	SR12	12/14/2018 14:36	21.87	81.4	5.90	5.4	SR12	12/14/2018 20:36	21.82	81.4	5.90	2.6
SR12	12/14/2018 2:41	21.89	84.6	6.12	2.4	SR12	12/14/2018 8:41	21.81	82.3	5.97	1.8	SR12	12/14/2018 14:41	21.86	81.5	5.91	3.6	SR12	12/14/2018 20:41	21.80	80.5	5.84	3.9
SR12	12/14/2018 2:46	21.90	84.7	6.13	4.5	SR12	12/14/2018 8:46	21.81	82.6	5.99	2.7	SR12	12/14/2018 14:46	21.87	81.9	5.93	1.6	SR12	12/14/2018 20:46	21.79	79.9	5.80	2.3
SR12	12/14/2018 2:51	21.92	84.3	6.10	4.8	SR12	12/14/2018 8:51	21.82	82.3	5.96	3.9	SR12	12/14/2018 14:51	21.86	81.8	5.93	4.7	SR12	12/14/2018 20:51	21.80	80.3	5.82	4.4
SR12	12/14/2018 2:56	21.91	83.8	6.07	3.1	SR12	12/14/2018 8:56	21.81	83.0	6.02	1.9	SR12	12/14/2018 14:56	21.89	81.4	5.89	3.9	SR12	12/14/2018 20:56	21.78	80.4	5.83	3.0
SR12	12/14/2018 3:01	21.84	82.3	5.97	4.2	SR12	12/14/2018 9:01	21.80	83.7	6.07	3.4	SR12	12/14/2018 15:01	21.87	81.9	5.93	4.1	SR12	12/14/2018 21:01	21.80	79.9	5.80	3.7
SR12	12/14/2018 3:06	21.84	81.4	5.90	3.2	SR12	12/14/2018 9:06	21.81	83.2	6.03	4.1	SR12	12/14/2018 15:06	21.87	81.6	5.91	3.1	SR12	12/14/2018 21:06	21.80	81.6	5.92	5.2
SR12	12/14/2018 3:11	21.85	80.6	5.84	1.7	SR12	12/14/2018 9:11	21.80	83.4	6.05	1.5	SR12	12/14/2018 15:11	21.86	82.2	5.96	2.8	SR12	12/14/2018 21:11	21.81	80.9	5.86	1.2
SR12	12/14/2018 3:16	21.85	81.3	5.89	2.3	SR12	12/14/2018 9:16	21.81	83.2	6.03	2.8	SR12	12/14/2018 15:16	21.87	81.7	5.92	2.7	SR12	12/14/2018 21:16	21.80	81.2	5.89	1.8
SR12	12/14/2018 3:21	21.86	80.6	5.84	8.2	SR12	12/14/2018 9:21	21.80	83.8	6.08	4.0	SR12	12/14/2018 15:21	21.87	81.4	5.90	4.4	SR12	12/14/2018 21:21	21.80	80.9	5.87	4.2
SR12	12/14/2018 3:26	21.86	80.9	5.86	1.9	SR12	12/14/2018 9:26	21.81	83.7	6.07	1.8	SR12	12/14/2018 15:26	21.87	81.1	5.87	5.5	SR12	12/14/2018 21:26	21.80	81.9	5.94	1.3
SR12	12/14/2018 3:31	21.86	80.5	5.83	4.1	SR12	12/14/2018 9:31	21.84	83.1	6.02	1.8	SR12	12/14/2018 15:31	21.85	81.7	5.92	1.5	SR12	12/14/2018 21:31	21.81	80.9	5.86	2.5
SR12	12/14/2018 3:36	21.87	80.0	5.80	4.0	SR12	12/14/2018 9:36	21.85	83.0	6.01	2.7	SR12	12/14/2018 15:36	21.87	81.4	5.89	4.0	SR12	12/14/2018 21:36	21.81	80.6	5.85	2.6
SR12	12/14/2018 3:41	21.90	79.8	5.78	2.8	SR12	12/14/2018 9:41	21.84	82.8	6.00	4.6	SR12	12/14/2018 15:41	21.85	81.9	5.93	3.3	SR12	12/14/2018 21:41	21.82	81.0	5.87	5.0
SR12	12/14/2018 3:46	21.92	80.0	5.79	1.9	SR12	12/14/2018 9:46	21.86	82.6	5.98	4.4	SR12	12/14/2018 15:46	21.85	81.9	5.94	1.3	SR12	12/14/2018 21:46	21.81	81.1	5.88	2.4
SR12	12/14/2018 3:51	21.90	80.5	5.83	5.5	SR12	12/14/2018 9:51	21.86	82.0	5.94	5.2	SR12	12/14/2018 15:51	21.86	81.7	5.92	3.4	SR12	12/14/2018 21:51	21.80	81.3	5.89	3.0
SR12	12/14/2018 3:56	21.89	80.0	5.79	3.6	SR12	12/14/2018 9:56	21.87	82.1	5.95	1.6	SR12	12/14/2018 15:56	21.85	81.4	5.90	1.7	SR12	12/14/2018 21:56	21.82	80.5	5.83	2.9
SR12	12/14/2018 4:01	21.89	81.0	5.86	3.4	SR12	12/14/2018 10:01	21.88	82.0	5.94	2.4	SR12	12/14/2018 16:01	21.85	81.3	5.89	5.4	SR12	12/14/2018 22:01	21.81	82.1	5.95	3.7
SR12	12/14/2018 4:06	21.89	80.9	5.86	1.9	SR12	12/14/2018 10:06	21.88	81.6	5.91	2.5	SR12	12/14/2018 16:06	21.86	81.1	5.87	2.8	SR12	12/14/2018 22:06	21.81	82.0	5.94	3.7
SR12	12/14/2018 4:11	21.90	80.4	5.82	2.8	SR12	12/14/2018 10:11	21.86	82.3	5.96	4.8	SR12	12/14/2018 16:11	21.85	81.9	5.94	2.4	SR12	12/14/2018 22:11	21.81	81.5	5.90	4.4
SR12	12/14/2018 4:16	21.90	80.9	5.85	4.4	SR12	12/14/2018 10:16	21.88	81.6	5.91	3.3	SR12	12/14/2018 16:16	21.86	81.3	5.89	3.9	SR12	12/14/2018 22:16	21.80	81.4	5.90	3.8
SR12	12/14/2018 4:21	21.90	81.9	5.93	5.3	SR12	12/14/2018 10:21	21.87	81.7	5.92	1.7	SR12	12/14/2018 16:21	21.85	80.8	5.86	4.5	SR12	12/14/2018 22:21	21.80	82.0	5.95	4.6
SR12	12/14/2018 4:26	21.90	81.5	5.90	2.6	SR12	12/14/2018 10:26	21.85	82.2	5.96	5.4	SR12	12/14/2018 16:26	21.85	80.7	5.85	1.9	SR12	12/14/2018 22:26	21.81	81.2	5.89	4.3
SR12	12/14/2018 4:31	21.90	81.7	5.91	3.2	SR12	12/14/2018 10:31	21.86	81.4	5.90	2.8	SR12	12/14/2018 16:31	21.88	81.1	5.87	3.7	SR12	12/14/2018 22:31	21.80	81.5	5.91	2.6
SR12	12/14/2018 4:36	21.89	81.5	5.90	2.6	SR12	12/14/2018 10:36	21.86	81.8	5.92	1.4	SR12	12/14/2018 16:36	21.86	81.1	5.88	3.9	SR12	12/14/2018 22:36	21.82	81.4	5.90	2.9
SR12	12/14/2018 4:41	21.90	81.6	5.91	1.5	SR12	12/14/2018 10:41	21.86	81.4	5.90	4.2	SR12	12/14/2018 16:41	21.87	80.9	5.86	4.5	SR12	12/14/2018 22:41	21.81	82.4	5.97	1.1
SR12	12/14/2018 4:46	21.89	82.1	5.94	3.1	SR12	12/14/2018 10:46	21.86	81.7	5.92	3.8	SR12	12/14/2018 16:46	21.85	81.5	5.91	2.7	SR12	12/14/2018 22:46	21.82	82.4	5.97	4.5
SR12	12/14/2018 4:51	21.90	81.3	5.88	4.2	SR12	12/14/2018 10:51	21.87	81.3	5.89	3.0	SR12	12/14/2018 16:51	21.85	82.0	5.94	1.9	SR12	12/14/2018 22:51	21.81	82.8	6.00	2.8
SR12	12/14/2018 4:56	21.90	81.0	5.87	5.2	SR12	12/14/2018 10:56	21.89	80.8	5.85	5.3	SR12	12/14/2018 16:56	21.87	81.3	5.89	4.0	SR12	12/14/2018 22:56	21.80	82.8	6.00	5.1
SR12	12/14/2018 5:01	21.88	80.8	5.85	1.9	SR12	12/14/2018 11:01	21.87	81.4	5.90	4.6	SR12	12/14/2018 17:01	21.86	81.1	5.88	5.1	SR12	12/14/2018 23:01	21.79	82.9	6.01	5.0
SR12	12/14/2018 5:06	21.90	81.0	5.86	5.2	SR12	12/14/2018 11:06	21.86	81.8	5.93	4.9	SR12	12/14/2018 17:06	21.87	80.0	5.79	4.5	SR12	12/14/2018 23:06	21.79	82.4	5.98	1.4
SR12	12/14/2018 5:11	21.90	80.9	5.86	5.1	SR12	12/14/2018 11:11	21.85	81.7	5.92	3.6	SR12	12/14/2018 17:11	21.86	79.7	5.78	2.0	SR12	12/14/2018 23:11	21.79	82.8	6.01	2.7
SR12	12/14/2018 5:16	21.90	80.1	5.80	4.9	SR12	12/14/2018 11:16	21.85	82.1	5.95	1.8	SR12	12/14/2018 17:16	21.86	79.7	5.78	2.4	SR12	12/14/2018 23:16	21.80	82.2	5.96	1.9
SR12	12/14/2018 5:21	21.89	80.3	5.82	1.4	SR12	12/14/2018 11:21	21.85	82.1	5.95	5.0	SR12	12/14/2018 17:21	21.85	79.6	5.76	4.2	SR12	12/14/2018 23:21	21.81	82.0	5.95	5.2
SR12	12/14/2018 5:26	21.89	81.8	5.92	2.0	SR12	12/14/2018 11:26	21.86	81.3	5.89	2.0	SR12	12/14/2018 17:26	21.86	79.6	5.76	2.1	SR12	12/14/2018 23:26	21.78	83.3	6.04	4.1
SR12	12/14/2018 5:31	21.89	81.8	5.92	2.5	SR12	12/14/2018 11:31	21.86	81.4	5.90	1.1	SR12	12/14/2018 17:31	21.88	79.1	5.73	3.0	SR12	12/14/2018 23:31	21.78	82.2	5.96	3.2
SR12	12/14/2018 5:36	21.90	81.0	5.87	3.6	SR12	12/14/2018 11:36	21.86	81.2	5.88	4.4	SR12	12/14/2018 17:36	21.89	78.9	5.71	1.3	SR12	12/14/2018 23:36	21.78	81.9	5.94	4.6
SR12	12/14/2018 5:41	21.89	80.6	5.83	3.6	SR12	12/14/2018 11:41	21.85	81.8	5.93	5.3	SR12	12/14/2018 17:41	21.86	79.5	5.76	4.9	SR12	12/14/2018 23:41	21.79	82.0	5.94	2.5
SR12	12/14/2018 5:46	21.86	81.8	5.92	4.4	SR12	12/14/2018 11:46	21.85	82.2	5.95	4.6	SR12	12/14/2018 17:46	21.85	80.8	5.85	3.5	SR12	12/14/2018 23:46	21.79	82.2	5.96	4.5
SR12	12/14/2018 5:51	21.84	82.7	5.99	1.9	SR12	12/14/2018 11:51	21.86	81.2	5.88	5.1	SR12	12/14/2018 17:51	21.87	80.2	5.81	1.8	SR12	12/14/2018 23:51	21.78	82.5	5.98	3.0
SR12	12/14/2018 5:56	21.84	83.2	6.03	1.5	SR12	12/14/2018 11:56	21.85	82.1	5.95	3.7	SR12	12/14/2018 17:56	21.86	80.2	5.81	4.2	SR12	12/14/2018 23:56	21.79	82.4	5.97	5.1

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/14/2018 0:00	21.09	91.0	6.46	4.8	SR13	12/14/2018 6:00	21.08	88.3	6.27	4.5	SR13	12/14/2018 12:00	21.03	89.9	6.39	3.6	SR13	12/14/2018 18:00	21.02	87.0	6.19	3.6
SR13	12/14/2018 0:05	21.07	88.5	6.29	5.0	SR13	12/14/2018 6:05	21.09	87.4	6.21	4.3	SR13	12/14/2018 12:05	21.02	88.3	6.28	4.8	SR13	12/14/2018 18:05	21.02	88.5	6.29	4.3
SR13	12/14/2018 0:10	21.08	88.4	6.28	5.3	SR13	12/14/2018 6:10	21.03	89.8	6.37	3.8	SR13	12/14/2018 12:10	21.05	87.8	6.24	4.7	SR13	12/14/2018 18:10	21.04	88.6	6.30	4.2
SR13	12/14/2018 0:15	21.10	89.2	6.34	4.8	SR13	12/14/2018 6:15	21.10	88.3	6.28	4.1	SR13	12/14/2018 12:15	21.04	89.1	6.34	2.5	SR13	12/14/2018 18:15	21.08	87.4	6.21	4.0
SR13	12/14/2018 0:20	21.06	90.9	6.45	3.4	SR13	12/14/2018 6:20	21.07	87.0	6.19	3.9	SR13	12/14/2018 12:20	21.01	88.9	6.32	4.3	SR13	12/14/2018 18:20	21.03	89.6	6.36	3.5
SR13	12/14/2018 0:25	21.08	90.5	6.42	4.5	SR13	12/14/2018 6:25	21.04	87.4	6.20	3.7	SR13	12/14/2018 12:25	21.00	89.6	6.37	5.6	SR13	12/14/2018 18:25	21.06	89.9	6.38	5.1
SR13	12/14/2018 0:30	21.09	90.0	6.39	4.1	SR13	12/14/2018 6:30	21.03	88.7	6.30	4.1	SR13	12/14/2018 12:30	21.01	88.2	6.27	5.1	SR13	12/14/2018 18:30	21.04	87.8	6.24	4.6
SR13	12/14/2018 0:35	21.11	89.7	6.37	4.2	SR13	12/14/2018 6:35	21.02	89.9	6.38	4.7	SR13	12/14/2018 12:35	21.00	88.3	6.27	4.8	SR13	12/14/2018 18:35	21.05	89.2	6.33	3.9
SR13	12/14/2018 0:40	21.07	90.5	6.43	4.5	SR13	12/14/2018 6:40	21.05	88.0	6.25	4.0	SR13	12/14/2018 12:40	21.00	89.0	6.33	4.1	SR13	12/14/2018 18:40	21.03	88.5	6.29	4.5
SR13	12/14/2018 0:45	21.11	89.4	6.35	5.3	SR13	12/14/2018 6:45	21.08	87.9	6.25	3.6	SR13	12/14/2018 12:45	21.01	87.8	6.24	3.4	SR13	12/14/2018 18:45	21.07	88.1	6.26	3.8
SR13	12/14/2018 0:50	21.08	90.9	6.46	4.6	SR13	12/14/2018 6:50	21.05	87.7	6.23	5.0	SR13	12/14/2018 12:50	21.03	88.2	6.27	4.3	SR13	12/14/2018 18:50	21.06	89.3	6.34	5.6
SR13	12/14/2018 0:55	21.10	91.0	6.46	4.2	SR13	12/14/2018 6:55	21.07	89.2	6.34	4.5	SR13	12/14/2018 12:55	21.03	89.3	6.34	3.9	SR13	12/14/2018 18:55	21.06	88.0	6.25	4.9
SR13	12/14/2018 1:00	21.11	88.8	6.31	5.5	SR13	12/14/2018 7:00	21.06	87.2	6.20	2.6	SR13	12/14/2018 13:00	21.03	89.6	6.37	4.6	SR13	12/14/2018 19:00	21.02	89.3	6.34	5.2
SR13	12/14/2018 1:05	21.10	89.5	6.36	4.3	SR13	12/14/2018 7:05	21.03	88.5	6.29	4.7	SR13	12/14/2018 13:05	21.03	89.5	6.36	3.3	SR13	12/14/2018 19:05	21.02	90.6	6.44	5.5
SR13	12/14/2018 1:10	21.09	90.2	6.41	5.3	SR13	12/14/2018 7:10	21.04	87.6	6.22	3.8	SR13	12/14/2018 13:10	21.06	89.7	6.37	4.6	SR13	12/14/2018 19:10	21.03	87.6	6.23	5.0
SR13	12/14/2018 1:15	21.08	89.7	6.37	4.9	SR13	12/14/2018 7:15	21.05	87.9	6.24	4.9	SR13	12/14/2018 13:15	21.04	88.2	6.27	3.5	SR13	12/14/2018 19:15	21.01	90.3	6.42	6.0
SR13	12/14/2018 1:20	21.08	89.5	6.36	4.5	SR13	12/14/2018 7:20	21.03	87.4	6.21	5.0	SR13	12/14/2018 13:20	21.01	90.1	6.40	4.2	SR13	12/14/2018 19:20	21.03	90.2	6.41	5.2
SR13	12/14/2018 1:25	21.07	89.6	6.36	3.3	SR13	12/14/2018 7:25	21.08	87.4	6.21	3.8	SR13	12/14/2018 13:25	21.05	90.1	6.40	4.8	SR13	12/14/2018 19:25	21.01	90.3	6.42	5.6
SR13	12/14/2018 1:30	21.08	89.3	6.34	4.9	SR13	12/14/2018 7:30	21.02	88.3	6.28	5.0	SR13	12/14/2018 13:30	21.05	88.3	6.28	3.1	SR13	12/14/2018 19:30	21.02	91.1	6.47	4.2
SR13	12/14/2018 1:35	21.12	89.8	6.38	4.7	SR13	12/14/2018 7:35	21.06	88.8	6.30	4.9	SR13	12/14/2018 13:35	21.02	88.9	6.32	4.2	SR13	12/14/2018 19:35	21.05	91.4	6.49	5.1
SR13	12/14/2018 1:40	21.10	87.8	6.24	9.2	SR13	12/14/2018 7:40	21.07	86.7	6.16	5.3	SR13	12/14/2018 13:40	21.06	89.6	6.37	3.5	SR13	12/14/2018 19:40	21.04	89.3	6.35	4.7
SR13	12/14/2018 1:45	21.09	91.1	6.47	4.4	SR13	12/14/2018 7:45	21.04	89.2	6.34	5.1	SR13	12/14/2018 13:45	21.00	90.2	6.41	3.9	SR13	12/14/2018 19:45	21.05	88.4	6.28	4.0
SR13	12/14/2018 1:50	21.11	90.3	6.41	3.6	SR13	12/14/2018 7:50	21.03	87.6	6.22	4.4	SR13	12/14/2018 13:50	21.00	88.0	6.25	3.1	SR13	12/14/2018 19:50	21.04	88.6	6.30	4.1
SR13	12/14/2018 1:55	21.10	89.3	6.34	4.2	SR13	12/14/2018 7:55	21.07	88.4	6.29	3.2	SR13	12/14/2018 13:55	21.05	88.9	6.31	3.4	SR13	12/14/2018 19:55	21.01	90.5	6.43	4.0
SR13	12/14/2018 2:00	21.07	90.0	6.39	4.1	SR13	12/14/2018 8:00	21.06	87.8	6.24	3.8	SR13	12/14/2018 14:00	21.05	89.1	6.33	3.9	SR13	12/14/2018 20:00	21.02	88.1	6.26	5.6
SR13	12/14/2018 2:05	21.06	88.8	6.31	4.1	SR13	12/14/2018 8:05	21.05	87.9	6.25	3.7	SR13	12/14/2018 14:05	21.01	89.0	6.32	4.5	SR13	12/14/2018 20:05	21.03	88.1	6.26	3.5
SR13	12/14/2018 2:10	21.06	89.4	6.35	4.7	SR13	12/14/2018 8:10	21.03	89.3	6.35	3.0	SR13	12/14/2018 14:10	21.04	88.5	6.29	3.8	SR13	12/14/2018 20:10	21.02	90.5	6.43	4.6
SR13	12/14/2018 2:15	21.09	89.0	6.32	4.7	SR13	12/14/2018 8:15	21.02	88.5	6.29	3.5	SR13	12/14/2018 14:15	21.02	86.3	6.13	4.3	SR13	12/14/2018 20:15	21.04	88.2	6.27	5.3
SR13	12/14/2018 2:20	21.07	88.7	6.31	4.9	SR13	12/14/2018 8:20	21.01	87.7	6.24	4.4	SR13	12/14/2018 14:20	21.02	85.5	6.08	3.5	SR13	12/14/2018 20:20	21.04	87.7	6.23	4.6
SR13	12/14/2018 2:25	21.07	90.9	6.46	4.7	SR13	12/14/2018 8:25	21.05	89.8	6.38	3.6	SR13	12/14/2018 14:25	21.03	88.3	6.28	3.2	SR13	12/14/2018 20:25	21.07	88.8	6.31	4.6
SR13	12/14/2018 2:30	21.08	89.1	6.33	6.1	SR13	12/14/2018 8:30	21.05	89.7	6.39	4.1	SR13	12/14/2018 14:30	21.00	89.8	6.38	4.0	SR13	12/14/2018 20:30	21.05	88.8	6.31	5.1
SR13	12/14/2018 2:35	21.08	90.1	6.40	4.4	SR13	12/14/2018 8:35	21.01	88.7	6.31	4.5	SR13	12/14/2018 14:35	21.06	89.1	6.33	4.3	SR13	12/14/2018 20:35	21.00	91.2	6.48	5.2
SR13	12/14/2018 2:40	21.07	88.0	6.25	3.9	SR13	12/14/2018 8:40	20.99	88.5	6.29	3.8	SR13	12/14/2018 14:40	21.05	87.2	6.20	3.1	SR13	12/14/2018 20:40	21.03	88.6	6.30	5.7
SR13	12/14/2018 2:45	21.06	90.2	6.41	4.5	SR13	12/14/2018 8:45	21.04	90.5	6.43	4.5	SR13	12/14/2018 14:45	21.05	89.6	6.36	4.1	SR13	12/14/2018 20:45	21.04	90.5	6.42	6.3
SR13	12/14/2018 2:50	21.06	88.7	6.30	4.7	SR13	12/14/2018 8:50	21.05	89.5	6.36	4.8	SR13	12/14/2018 14:50	21.05	89.5	6.36	3.5	SR13	12/14/2018 20:50	21.01	90.9	6.45	3.7
SR13	12/14/2018 2:55	21.10	89.8	6.38	4.2	SR13	12/14/2018 8:55	21.01	88.2	6.27	4.1	SR13	12/14/2018 14:55	21.05	88.3	6.27	4.8	SR13	12/14/2018 20:55	21.06	87.8	6.24	3.7
SR13	12/14/2018 3:00	21.07	88.6	6.30	4.1	SR13	12/14/2018 9:00	20.98	88.5	6.29	4.2	SR13	12/14/2018 15:00	21.01	89.0	6.32	5.4	SR13	12/14/2018 21:00	21.02	90.3	6.42	5.7
SR13	12/14/2018 3:05	21.06	89.3	6.34	6.1	SR13	12/14/2018 9:05	20.99	88.7	6.30	2.9	SR13	12/14/2018 15:05	21.06	87.9	6.25	3.3	SR13	12/14/2018 21:05	21.00	88.8	6.31	4.5
SR13	12/14/2018 3:10	21.10	88.8	6.32	4.2	SR13	12/14/2018 9:10	21.00	89.0	6.33	5.6	SR13	12/14/2018 15:10	21.06	88.0	6.26	3.2	SR13	12/14/2018 21:10	20.99	91.6	6.51	4.6
SR13	12/14/2018 3:15	21.07	91.0	6.46	3.7	SR13	12/14/2018 9:15	20.99	89.4	6.35	4.0	SR13	12/14/2018 15:15	21.03	88.9	6.32	3.9	SR13	12/14/2018 21:15	21.04	90.7	6.45	3.9
SR13	12/14/2018 3:20	21.10	90.1	6.40	3.4	SR13	12/14/2018 9:20	21.00	90.6	6.44	4.9	SR13	12/14/2018 15:20	21.05	88.0	6.25	5.4	SR13	12/14/2018 21:20	21.00	88.2	6.27	3.8
SR13	12/14/2018 3:25	21.07	89.3	6.35	4.8	SR13	12/14/2018 9:25	20.99	90.6	6.44	3.3	SR13	12/14/2018 15:25	21.06	90.4	6.42	3.8	SR13	12/14/2018 21:25	21.04	89.6	6.37	5.4
SR13	12/14/2018 3:30	21.06	90.1	6.40	3.8	SR13	12/14/2018 9:30	21.03	88.6	6.30	4.8	SR13	12/14/2018 15:30	21.01	89.9	6.39	3.0	SR13	12/14/2018 21:30	21.02	91.0	6.47	4.5
SR13	12/14/2018 3:35	21.07	89.5	6.36	4.6	SR13	12/14/2018 9:35	21.00	90.1	6.40	5.2	SR13	12/14/2018 15:35	21.05	89.2	6.34	4.7	SR13	12/14/2018 21:35	21.00	90.6	6.43	5.3
SR13	12/14/2018 3:40	21.06	88.9	6.32	5.2	SR13	12/14/2018 9:40	21.03	90.4	6.42	4.9	SR13	12/14/2018 15:40	21.06	89.4	6.35	5.0	SR13	12/14/2018 21:40	21.03	88.6	6.30	4.4
SR13	12/14/2018 3:45	21.02	87.6	6.23	5.5	SR13	12/14/2018 9:45	20.98	89.9	6.39	4.6	SR13	12/14/2018 15:45	21.04	89.0	6.33	4.5	SR13	12/14/2018 21:45	21.02	89.5	6.36	5.1
SR13	12/14/2018 3:50	21.05	90.0	6.40	3.2	SR13	12/14/2018 9:50	21.02	90.8	6.45	4.2	SR13	12/14/2018 15:50	21.02	88.5	6.29	4.4	SR13	12/14/2018 21:50	21.04	91.3	6.49	5.8
SR13	12/14/2018 3:55	21.06	88.2	6.27	3.5	SR13	12/14/2018 9:55	21.00	89.8	6.39	3.9	SR13	12/14/2018 15:55	21.02	87.7	6.24	5.3	SR13	12/14/2018 21:55	21.05	89.8	6.38	3.7
SR13	12/14/2018 4:00	21.09	89.3	6.35	3.9	SR13	12/14/2018 10:00	21.02	88.7	6.31	4.2	SR13	12/14/2018 16:00	21.04	88.9	6.32	5.1	SR13	12/14/2018 22:00	21.02	89.1	6.33	4.4
SR13	12/14/2018 4:05	21.04	87.7	6.24	5.9	SR13	12/14/2018 10:05	21.03	89.0	6.33	3.9	SR13	12/14/2018 16:05	21.05	88.1	6.26	3.7	SR13	12/14/2018 22:05	21.02	91.1	6.48	5.2
SR13	12/14/2018 4:10	21.08	88.5	6.28	3.4	SR13	12/14/2018 10:10	21.04	90.3	6.42	4.2	SR13	12/14/2018 16:10	21.05	87.4	6.21	4.7	SR13	12/14/2018 22:10	21.01	90.5	6.43	4.9
SR13	12/14/2018 4:15	21.03	87.6	6.23	4.0	SR13	12/14/2018 10:15	21.01	89.9	6.39	4.2	SR13	12/14/2018 16:15	21.06	89.5	6.36	4.1	SR13	12/14/2018 22:15	21.03	88.8	6.31	5.4
SR13	12/14/2018 4:20	21.05	87.4	6.21	4.6	SR13	12/14/2018 10:20	21.05	90.1	6.40	4.1	SR13	12/14/2018 16:20	21.04	87.6	6.23	4.3	SR13	12/14/2018 22:20	21.03	91.2	6.48	4.2
SR13	12/14/2018 4:25	21.08	87.1	6.19	4.0	SR13	12/14/2018 10:25	21.03	90.5	6.43	4.1	SR13	12/14/2018 16:25	21.04	87.7	6.23	5.1	SR13	12/14/2018 22:25	21.04	88.8	6.31	4.6
SR13	12/14/2018 4:30	21.09	88.6	6.29	3.6	SR13	12/14/2018 10:30	21.00	89.7	6.37	4.5	SR13	12/14/2018 16:30	21.03	88.7	6.30	2.7	SR13	12/14/2018 22:30	21.05	88.3	6.28	4.1
SR13	12/14/2018 4:35	21.06	88.7	6.31	5.5	SR13	12/14/2018 10:35	21.02	88.8	6.31	5.0	SR13	12/14/2018 16:35	21.00	89.8	6.38	4.3	SR13	12/14/2018 22:35	21.02	90.7	6.44	4.9
SR13	12/14/2018 4:40	21.08	88.0	6.25	5.0	SR13	12/14/2018 10:40	21.00	89.1	6.33	3.4	SR13	12/14/2018 16:40	21.01	88.6	6.30	3.3	SR13	12/14/2018 22:40	21.03	88.7	6.30	4.5
SR13	12/14/2018 4:45	21.07	87.5	6.21	5.3	SR13	12/14/2018 10:45	21.00	87.9	6.25	3.0	SR13						SR13	12/14/2018 22:45	21.04	91.1	6.47	4.6
SR13	12/14/2018 4:50	21.03	88.9	6.32	2.9	SR13	12/14/2018 10:50	21.05	89.7	6.38	4.9	SR13						SR13	12/14/2018 22:50	21.04	89.3	6.35	5.5
SR13	12/14/2018 4:55	21.03	88.9	6.32	4.4	SR13	12/14/2018 10:55	21.01	88.5	6.29	4.6	SR13						SR13	12/14/2018 22:55	21.02	89.5	6.36	4.8
SR13	12/14/2018 5:00	21.06	89.6	6.36	4.0	SR13	12/14/2018 11:00	21.01	89.7	6.38	4.1	SR13						SR13	12/14/2018 23:00	20.99	91.7	6.51	4.7
SR13	12/14/2018 5:05	21.04	89.1	6.33	5.6	SR13	12/14/2018 11:05	21.02	89.0	6.33	4.1	SR13	12/14/2018 17:05	21.02	88.6	6.30	4.7	SR13	12/14/2018 23:05	21.02	88.9	6.32	6.0
SR13	12/14/2018 5:10	21.07	88.4	6.28	5.1	SR13	12/14/2018 11:10	21.05	88.3	6.28	5.1	SR13	12/14/2018 17:10	21.00	89.6	6.36	3.3	SR13	12/14/2018 23:10	21.01	88.8	6.31	5.2
SR13	12/14/2018 5:15	21.03	89.0	6.32	3.2	SR13	12/14/2018 11:15	21.04	89.2	6.34	3.5	SR13	12/14/2018 17:15	21.06	87.4	6.21	5.2	SR13	12/14/2018 23:15	21.03	89.1	6.34	5.5
SR13	12/14/2018 5:20	21.03	89.0	6.33	3.7	SR13	12/14/2018 11:20	21.01	89.9	6.38	4.1	SR13	12/14/2018 17:20	21.03	87.2	6.20	5.4	SR13	12/14/2018 23:20	21.01	91.1	6.47	4.9
SR13	12/14/2018 5:25	21.04	89.1	6.33	3.0	SR13	12/14/2018 11:25	21.00	88.1	6.26	5.2	SR13	12/14/2018 17:25	21.02	87.6	6.23	5.0	SR13	12/14/2018 23:25	21.02	91.0	6.47	3.7
SR13	12/14/2018 5:30	21.07	88.0	6.25	3.4	SR13	12/14/2018 11:30	21.01	89.1	6.33	3.6	SR13	12/14/2018 17:30	21.03	88.9	6.32	4.5	SR13	12/14/2018 23:30	21.00	89.4	6.35	5.4
SR13	12/14/2018 5:35	21.04	90.2	6.40	4.6	SR13	12/14/2018 11:35	21.05	88.1	6.26	4.2	SR13	12/14/2018 17:35	21.04	88.9	6.32	4.3	SR13	12/14/2018 23:35	21.04	91.3	6.49	4.3
SR13	12/14/2018 5:40	21.06	89.3	6.34	3.8	SR13	12/14/2018 11:40	21.06	88.9	6.31	5.9	SR13	12/14/2018 17:40	21.05	89.5	6.36	4.4	SR13	12/14/2018 23:40	21.01	90.6	6.44	5.2
SR13	12/14/2018 5:45	21.05	87.2	6.19	4.0	SR13	12/14/2018 11:45	21.02	89.0	6.32	4.6	SR13	12/14/2018 17:45	21.00	88.2	6.27	5.3	SR13	12/14/2018 23:45	21.00	89.3	6.35	4.9
SR13	12/14/2018 5:50	21.08	88.7	6.30	5.8	SR13	12/14/2018 11:50	21.03	88.9	6.32	5.4	SR13	12/14/2018 17:50	21.01	88.9	6.32	4.8	SR13	12/14/2018 23:50	20.99	88.7	6.31	3.7
SR13	12/14/2018 5:55	21.06	87.6	6.23	4.4	SR13	12/14/2018 11:55	21.00	90.0	6.40	4.3	SR13	12/14/2018 17:55	21.05	88.2	6.27	3.0	SR13	12/14/2018 23:55	21.03	88.1	6.27	4.9

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	12/14/2018 0:17	0.07				SR12	12/14/2018 0:17	0.08			
SR4	12/14/2018 0:37	0.08				SR12	12/14/2018 0:37	0.09			
SR4	12/14/2018 0:57	0.07				SR12	12/14/2018 0:57	0.10			
SR4	12/14/2018 1:17	0.08				SR12	12/14/2018 1:17	0.05			
SR4	12/14/2018 1:37	0.08				SR12	12/14/2018 1:37	0.08			
SR4	12/14/2018 1:57	0.07				SR12	12/14/2018 1:57	0.07			
SR4	12/14/2018 2:17	0.07				SR12	12/14/2018 2:17	0.04			
SR4	12/14/2018 2:37	0.08				SR12	12/14/2018 2:37	0.09			
SR4	12/14/2018 2:57	0.06				SR12	12/14/2018 2:57	0.06			
SR4	12/14/2018 3:17	0.06				SR12	12/14/2018 3:17	0.04			
SR4	12/14/2018 3:37	0.07				SR12	12/14/2018 3:37	0.07			
SR4	12/14/2018 3:57	0.07				SR12	12/14/2018 3:57	0.11			
SR4	12/14/2018 4:17	0.07				SR12	12/14/2018 4:17	0.06			
SR4	12/14/2018 4:37	0.07				SR12	12/14/2018 4:37	0.09			
SR4	12/14/2018 4:57	0.09				SR12	12/14/2018 4:57	0.11			
SR4	12/14/2018 5:17	0.06				SR12	12/14/2018 5:17	0.07			
SR4	12/14/2018 5:37	0.09				SR12	12/14/2018 5:37	0.08			
SR4	12/14/2018 5:57	0.06				SR12	12/14/2018 5:57	0.09			
SR4						SR12					
SR4	12/14/2018 6:37	0.07				SR12	12/14/2018 6:37	0.10			
SR4	12/14/2018 6:57	0.06				SR12	12/14/2018 6:57	0.11			
SR4	12/14/2018 7:17	0.06				SR12	12/14/2018 7:17	0.06			
SR4	12/14/2018 7:37	0.09				SR12	12/14/2018 7:37	0.10			
SR4	12/14/2018 7:57	0.09				SR12	12/14/2018 7:57	0.06			
SR4	12/14/2018 8:17	0.06				SR12	12/14/2018 8:17	0.05			
SR4	12/14/2018 8:37	0.09				SR12	12/14/2018 8:37	0.11			
SR4	12/14/2018 8:57	0.09				SR12	12/14/2018 8:57	0.07			
SR4	12/14/2018 9:17	0.08				SR12	12/14/2018 9:17	0.09			
SR4	12/14/2018 9:37	0.07				SR12	12/14/2018 9:37	0.07			
SR4	12/14/2018 9:57	0.08				SR12	12/14/2018 9:57	0.07			
SR4	12/14/2018 10:17	0.08				SR12	12/14/2018 10:17	0.08			
SR4	12/14/2018 10:37	0.09				SR12	12/14/2018 10:37	0.10			
SR4						SR12	12/14/2018 10:57	0.06			
SR4						SR12	12/14/2018 11:17	0.04			
SR4						SR12	12/14/2018 11:37	0.08			
SR4						SR12	12/14/2018 11:57	0.10			
SR4	12/14/2018 12:17	0.07				SR12	12/14/2018 12:17	0.10			
SR4	12/14/2018 12:37	0.09				SR12	12/14/2018 12:37	0.10			
SR4	12/14/2018 12:57	0.08				SR12	12/14/2018 12:57	0.07			
SR4	12/14/2018 13:17	0.08				SR12					
SR4	12/14/2018 13:37	0.09				SR12					
SR4	12/14/2018 13:57	0.07				SR12					
SR4	12/14/2018 14:17	0.06				SR12					
SR4	12/14/2018 14:37	0.08				SR12					
SR4	12/14/2018 14:57	0.08				SR12	12/14/2018 14:57	0.06			
SR4	12/14/2018 15:17	0.06				SR12	12/14/2018 15:17	0.07			
SR4	12/14/2018 15:37	0.07				SR12	12/14/2018 15:37	0.09			
SR4	12/14/2018 15:57	0.09				SR12	12/14/2018 15:57	0.10			
SR4	12/14/2018 16:17	0.08				SR12	12/14/2018 16:17	0.08			
SR4	12/14/2018 16:37	0.09				SR12	12/14/2018 16:37	0.09			
SR4	12/14/2018 16:57	0.08				SR12	12/14/2018 16:57	0.07			
SR4	12/14/2018 17:17	0.07				SR12	12/14/2018 17:17	0.07			
SR4	12/14/2018 17:37	0.09				SR12	12/14/2018 17:37	0.06			
SR4	12/14/2018 17:57	0.07				SR12	12/14/2018 17:57	0.09			
SR4	12/14/2018 18:17	0.08				SR12	12/14/2018 18:17	0.06			
SR4	12/14/2018 18:37	0.09				SR12	12/14/2018 18:37	0.11			
SR4	12/14/2018 18:57	0.06				SR12	12/14/2018 18:57	0.10			
SR4	12/14/2018 19:17	0.07				SR12	12/14/2018 19:17	0.09			
SR4	12/14/2018 19:37	0.08				SR12	12/14/2018 19:37	0.09			
SR4	12/14/2018 19:57	0.08				SR12	12/14/2018 19:57	0.06			
SR4	12/14/2018 20:17	0.09				SR12	12/14/2018 20:17	0.07			
SR4	12/14/2018 20:37	0.08				SR12	12/14/2018 20:37	0.11			
SR4	12/14/2018 20:57	0.09				SR12	12/14/2018 20:57	0.08			
SR4	12/14/2018 21:17	0.08				SR12	12/14/2018 21:17	0.07			
SR4	12/14/2018 21:37	0.07				SR12	12/14/2018 21:37	0.07			
SR4	12/14/2018 21:57	0.07				SR12	12/14/2018 21:57	0.09			
SR4	12/14/2018 22:17	0.06				SR12	12/14/2018 22:17	0.06			
SR4	12/14/2018 22:37	0.09				SR12	12/14/2018 22:37	0.06			
SR4	12/14/2018 22:57	0.09				SR12	12/14/2018 22:57	0.08			
SR4	12/14/2018 23:17	0.09				SR12	12/14/2018 23:17	0.07			
SR4	12/14/2018 23:37	0.08				SR12	12/14/2018 23:37	0.09			
SR4	12/14/2018 23:57	0.06				SR12	12/14/2018 23:57	0.08			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.
SR4 monitoring station was under maintenance during 10:41-11:51.
SR12 monitoring station was under maintenance during 13:11-14:31.
SR13 monitoring station was under maintenance during 16:40-17:05.

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/15/2018 0:01	21.02	78.7	5.79	1.8	SR4	12/15/2018 6:01	20.99	74.7	5.50	1.3	SR4	12/15/2018 12:01	21.07	80.2	5.90	4.7	SR4	12/15/2018 18:01	21.10	77.9	5.72	2.7
SR4	12/15/2018 0:06	21.02	76.9	5.66	1.6	SR4	12/15/2018 6:06	20.99	68.2	5.03	3.9	SR4	12/15/2018 12:06	21.09	80.5	5.92	2.5	SR4	12/15/2018 18:06	21.10	77.5	5.69	3.0
SR4	12/15/2018 0:11	21.02	78.4	5.77	2.1	SR4	12/15/2018 6:11	20.92	61.8	4.57	2.0	SR4	12/15/2018 12:11	21.11	81.4	5.98	2.7	SR4	12/15/2018 18:11	21.09	78.0	5.74	2.9
SR4	12/15/2018 0:16	21.02	79.2	5.83	2.7	SR4	12/15/2018 6:16	20.88	61.8	4.58	2.5	SR4	12/15/2018 12:16	21.05	81.1	5.96	4.6	SR4	12/15/2018 18:16	21.09	77.5	5.70	3.0
SR4	12/15/2018 0:21	21.02	78.0	5.74	1.7	SR4	12/15/2018 6:21	20.96	69.4	5.12	1.1	SR4	12/15/2018 12:21	21.12	80.9	5.95	3.2	SR4	12/15/2018 18:21	21.08	79.8	5.86	2.5
SR4	12/15/2018 0:26	21.03	76.2	5.60	1.6	SR4	12/15/2018 6:26	20.97	72.4	5.34	1.2	SR4	12/15/2018 12:26	21.05	81.2	5.97	4.4	SR4	12/15/2018 18:26	21.07	80.1	5.89	3.1
SR4	12/15/2018 0:31	21.03	78.1	5.75	2.1	SR4	12/15/2018 6:31	20.98	71.9	5.30	1.3	SR4	12/15/2018 12:31	21.10	81.8	6.01	3.1	SR4	12/15/2018 18:31	21.08	79.7	5.86	2.7
SR4	12/15/2018 0:36	21.03	77.9	5.73	3.5	SR4	12/15/2018 6:36	20.96	71.6	5.28	1.2	SR4	12/15/2018 12:36	21.14	80.9	5.94	2.3	SR4	12/15/2018 18:36	21.07	79.6	5.85	2.7
SR4	12/15/2018 0:41	21.03	76.7	5.64	1.3	SR4	12/15/2018 6:41	20.98	72.7	5.36	1.8	SR4	12/15/2018 12:41	21.12	80.4	5.91	2.7	SR4	12/15/2018 18:41	21.08	79.3	5.83	2.9
SR4	12/15/2018 0:46	21.03	77.1	5.67	2.4	SR4	12/15/2018 6:46	21.00	76.3	5.61	1.7	SR4	12/15/2018 12:46	21.20	82.0	6.02	2.3	SR4	12/15/2018 18:46	21.07	78.8	5.79	2.1
SR4	12/15/2018 0:51	21.03	77.4	5.69	1.4	SR4	12/15/2018 6:51	21.01	75.3	5.55	1.4	SR4	12/15/2018 12:51	21.23	80.8	5.93	2.6	SR4	12/15/2018 18:51	21.07	78.5	5.77	1.3
SR4	12/15/2018 0:56	21.03	77.4	5.69	1.6	SR4	12/15/2018 6:56	21.08	74.4	5.47	1.1	SR4	12/15/2018 12:56	21.19	82.2	6.03	2.5	SR4	12/15/2018 18:56	21.07	78.1	5.74	1.6
SR4	12/15/2018 1:01	21.03	78.6	5.78	2.1	SR4	12/15/2018 7:01	21.05	73.4	5.40	3.1	SR4	12/15/2018 13:01	21.16	81.6	5.99	2.6	SR4	12/15/2018 19:01	21.07	78.8	5.79	1.7
SR4	12/15/2018 1:06	21.03	78.9	5.81	1.7	SR4	12/15/2018 7:06	21.01	74.1	5.46	1.3	SR4	12/15/2018 13:06	21.15	79.9	5.87	3.1	SR4	12/15/2018 19:06	21.07	76.3	5.61	1.2
SR4	12/15/2018 1:11	21.03	78.3	5.76	1.6	SR4	12/15/2018 7:11	21.03	71.9	5.30	3.8	SR4	12/15/2018 13:11	21.15	80.5	5.91	2.7	SR4	12/15/2018 19:11	21.08	76.3	5.61	1.0
SR4	12/15/2018 1:16	21.03	79.2	5.83	2.0	SR4	12/15/2018 7:16	21.06	72.4	5.33	4.4	SR4	12/15/2018 13:16	21.27	82.0	6.01	2.3	SR4	12/15/2018 19:16	21.07	77.3	5.68	3.5
SR4	12/15/2018 1:21	21.03	79.1	5.82	1.7	SR4	12/15/2018 7:21	21.03	74.3	5.47	2.3	SR4	12/15/2018 13:21	21.28	81.2	5.95	1.8	SR4	12/15/2018 19:21	21.07	79.0	5.81	2.3
SR4	12/15/2018 1:26	21.03	78.9	5.80	1.8	SR4	12/15/2018 7:26	21.05	75.9	5.58	5.0	SR4	12/15/2018 13:26	21.18	81.7	6.00	4.1	SR4	12/15/2018 19:26	21.07	78.6	5.78	1.3
SR4	12/15/2018 1:31	21.03	78.3	5.76	1.4	SR4	12/15/2018 7:31	21.03	55.6	4.10	3.2	SR4	12/15/2018 13:31	21.16	80.6	5.92	2.8	SR4	12/15/2018 19:31	21.07	77.7	5.71	1.3
SR4	12/15/2018 1:36	21.03	78.9	5.80	1.6	SR4	12/15/2018 7:36	20.99	68.1	5.02	3.1	SR4	12/15/2018 13:36	21.18	80.8	5.93	2.3	SR4	12/15/2018 19:36	21.05	77.3	5.69	1.0
SR4	12/15/2018 1:41	21.04	78.4	5.77	3.5	SR4	12/15/2018 7:41	21.03	74.9	5.51	2.2	SR4	12/15/2018 13:41	21.26	81.5	5.97	2.1	SR4	12/15/2018 19:41	21.06	79.0	5.81	2.5
SR4	12/15/2018 1:46	21.03	78.7	5.79	2.2	SR4	12/15/2018 7:46	21.11	71.8	5.28	2.1	SR4	12/15/2018 13:46	21.16	81.1	5.95	4.3	SR4	12/15/2018 19:46	21.06	78.0	5.73	1.8
SR4	12/15/2018 1:51	21.03	79.0	5.81	1.7	SR4	12/15/2018 7:51	21.16	55.6	4.09	1.5	SR4	12/15/2018 13:51	21.20	80.9	5.93	2.7	SR4	12/15/2018 19:51	21.06	77.7	5.71	1.7
SR4	12/15/2018 1:56	21.03	79.8	5.87	2.7	SR4	12/15/2018 7:56	21.18	63.5	4.66	1.6	SR4	12/15/2018 13:56	21.17	79.7	5.85	2.6	SR4	12/15/2018 19:56	21.07	75.9	5.58	1.4
SR4	12/15/2018 2:01	21.03	79.8	5.87	2.3	SR4	12/15/2018 8:01	21.09	68.8	5.06	2.0	SR4	12/15/2018 14:01	21.17	80.2	5.89	3.4	SR4	12/15/2018 20:01	21.06	76.8	5.65	1.9
SR4	12/15/2018 2:06	21.03	80.2	5.90	1.9	SR4	12/15/2018 8:06	21.06	71.7	5.27	2.0	SR4	12/15/2018 14:06	21.12	80.8	5.94	3.1	SR4	12/15/2018 20:06	21.05	78.9	5.80	2.6
SR4	12/15/2018 2:11	21.03	79.2	5.83	1.8	SR4	12/15/2018 8:11	21.02	73.9	5.44	1.9	SR4	12/15/2018 14:11	21.13	80.3	5.90	3.1	SR4	12/15/2018 20:11	21.05	79.1	5.82	2.4
SR4	12/15/2018 2:16	21.03	77.6	5.71	2.1	SR4	12/15/2018 8:16	21.03	75.0	5.52	1.7	SR4	12/15/2018 14:16	21.14	80.5	5.91	3.0	SR4	12/15/2018 20:16	21.06	76.8	5.65	2.2
SR4	12/15/2018 2:21	21.03	79.3	5.83	1.4	SR4	12/15/2018 8:21	21.04	75.8	5.58	1.9	SR4	12/15/2018 14:21	21.12	80.2	5.89	3.8	SR4	12/15/2018 20:21	21.08	74.8	5.50	1.2
SR4	12/15/2018 2:26	21.02	80.0	5.89	1.5	SR4	12/15/2018 8:26	21.02	79.2	5.83	7.2	SR4	12/15/2018 14:26	21.13	80.2	5.89	3.2	SR4	12/15/2018 20:26	21.09	74.2	5.46	2.7
SR4	12/15/2018 2:31	21.03	79.6	5.86	2.9	SR4	12/15/2018 8:31	21.00	80.7	5.94	3.7	SR4	12/15/2018 14:31	21.24	81.5	5.98	2.6	SR4	12/15/2018 20:31	21.05	78.8	5.79	1.8
SR4	12/15/2018 2:36	21.03	80.1	5.89	2.2	SR4	12/15/2018 8:36	21.00	81.2	5.98	3.1	SR4	12/15/2018 14:36	21.17	80.7	5.92	2.4	SR4	12/15/2018 20:36	21.05	78.4	5.76	1.7
SR4	12/15/2018 2:41	21.03	79.4	5.84	1.3	SR4	12/15/2018 8:41	21.00	80.6	5.93	2.9	SR4	12/15/2018 14:41	21.16	80.6	5.91	2.1	SR4	12/15/2018 20:41	21.05	78.9	5.81	2.2
SR4	12/15/2018 2:46	21.03	79.7	5.86	1.6	SR4	12/15/2018 8:46	21.01	80.8	5.95	2.7	SR4	12/15/2018 14:46	21.16	79.9	5.86	2.2	SR4	12/15/2018 20:46	21.06	77.0	5.66	1.5
SR4	12/15/2018 2:51	21.03	78.2	5.75	1.5	SR4	12/15/2018 8:51	21.02	81.4	5.99	4.2	SR4	12/15/2018 14:51	21.14	79.6	5.84	2.5	SR4	12/15/2018 20:51	21.05	78.6	5.78	2.2
SR4	12/15/2018 2:56	21.03	79.7	5.86	2.0	SR4	12/15/2018 8:56	21.00	81.8	6.02	4.0	SR4	12/15/2018 14:56	21.16	80.9	5.94	1.9	SR4	12/15/2018 20:56	21.05	78.7	5.79	1.7
SR4	12/15/2018 3:01	21.03	78.9	5.81	1.9	SR4	12/15/2018 9:01	20.98	81.3	5.99	3.6	SR4	12/15/2018 15:01	21.17	80.1	5.88	2.8	SR4	12/15/2018 21:01	21.05	77.5	5.70	1.6
SR4	12/15/2018 3:06	21.03	78.6	5.78	3.4	SR4	12/15/2018 9:06	21.00	81.9	6.03	3.4	SR4	12/15/2018 15:06	21.15	80.4	5.91	3.4	SR4	12/15/2018 21:06	21.05	77.0	5.66	1.7
SR4	12/15/2018 3:11	21.03	79.0	5.81	1.5	SR4	12/15/2018 9:11	21.01	82.3	6.05	3.4	SR4	12/15/2018 15:11	21.17	79.8	5.86	2.9	SR4	12/15/2018 21:11	21.05	75.5	5.55	1.3
SR4	12/15/2018 3:16	21.03	77.8	5.72	1.2	SR4	12/15/2018 9:16	21.01	80.6	5.93	3.3	SR4	12/15/2018 15:16	21.17	79.8	5.85	2.6	SR4	12/15/2018 21:16	21.05	76.8	5.65	1.9
SR4	12/15/2018 3:21	21.03	79.1	5.82	1.4	SR4	12/15/2018 9:21	21.09	80.0	5.88	1.6	SR4	12/15/2018 15:21	21.13	80.5	5.91	2.8	SR4	12/15/2018 21:21	21.04	77.8	5.72	1.4
SR4	12/15/2018 3:26	21.03	78.4	5.77	1.1	SR4	12/15/2018 9:26	21.02	82.4	6.06	2.9	SR4	12/15/2018 15:26	21.13	80.3	5.90	3.0	SR4	12/15/2018 21:26	21.05	77.3	5.69	1.2
SR4	12/15/2018 3:31	21.03	78.2	5.75	1.5	SR4	12/15/2018 9:31	21.04	82.5	6.06	2.8	SR4	12/15/2018 15:31	21.13	79.6	5.84	7.9	SR4	12/15/2018 21:31	21.04	76.7	5.64	3.1
SR4	12/15/2018 3:36	21.03	78.3	5.76	1.6	SR4	12/15/2018 9:36	21.05	82.8	6.08	5.9	SR4	12/15/2018 15:36	21.13	79.7	5.85	2.3	SR4	12/15/2018 21:36	21.04	76.9	5.66	1.3
SR4	12/15/2018 3:41	21.02	79.3	5.84	2.2	SR4	12/15/2018 9:41	21.05	82.6	6.08	2.9	SR4	12/15/2018 15:41	21.12	79.1	5.81	2.9	SR4	12/15/2018 21:41	21.04	77.7	5.72	1.7
SR4	12/15/2018 3:46	21.02	78.3	5.76	1.7	SR4	12/15/2018 9:46	21.04	82.2	6.04	5.3	SR4	12/15/2018 15:46	21.12	80.2	5.89	3.5	SR4	12/15/2018 21:46	21.04	77.7	5.72	1.3
SR4	12/15/2018 3:51	20.95	76.5	5.66	5.6	SR4	12/15/2018 9:51	21.06	81.6	6.00	3.3	SR4	12/15/2018 15:51	21.13	79.9	5.87	3.1	SR4	12/15/2018 21:51	21.04	77.0	5.66	1.6
SR4	12/15/2018 3:56	21.02	79.2	5.82	1.8	SR4	12/15/2018 9:56	21.07	82.4	6.05	3.9	SR4	12/15/2018 15:56	21.13	79.6	5.84	2.3	SR4	12/15/2018 21:56	21.04	76.1	5.60	1.0
SR4	12/15/2018 4:01	21.01	78.8	5.80	1.7	SR4	12/15/2018 10:01	21.13	82.6	6.06	2.6	SR4	12/15/2018 16:01	21.15	77.9	5.72	1.7	SR4	12/15/2018 22:01	21.04	74.8	5.50	4.7
SR4	12/15/2018 4:06	21.00	77.9	5.74	1.3	SR4	12/15/2018 10:06	21.10	81.8	6.01	2.1	SR4	12/15/2018 16:06	21.17	77.1	5.66	1.6	SR4	12/15/2018 22:06	21.04	76.6	5.63	1.8
SR4	12/15/2018 4:11	21.00	78.8	5.80	1.6	SR4	12/15/2018 10:11	21.05	81.4	5.99	3.5	SR4	12/15/2018 16:11	21.17	77.0	5.65	1.5	SR4	12/15/2018 22:11	21.04	76.4	5.62	1.5
SR4	12/15/2018 4:16	21.00	78.9	5.81	1.4	SR4	12/15/2018 10:16	21.15	80.0	5.87	2.0	SR4	12/15/2018 16:16	21.16	77.7	5.70	1.7	SR4	12/15/2018 22:16	21.04	76.1	5.60	1.4
SR4	12/15/2018 4:21	21.01	79.1	5.82	1.1	SR4	12/15/2018 10:21	21.08	80.3	5.90	3.1	SR4	12/15/2018 16:21	21.17	77.5	5.68	1.6	SR4	12/15/2018 22:21	21.03	78.5	5.78	2.0
SR4	12/15/2018 4:26	21.00	77.8	5.72	1.4	SR4	12/15/2018 10:26	21.05	81.3	5.98	3.4	SR4	12/15/2018 16:26	21.16	77.7	5.71	1.6	SR4	12/15/2018 22:26	21.04	76.6	5.64	2.8
SR4	12/15/2018 4:31	21.02	75.9	5.58	5.4	SR4	12/15/2018 10:31	21.03	81.9	6.03	4.7	SR4	12/15/2018 16:31	21.15	77.8	5.71	2.2	SR4	12/15/2018 22:31	21.06	75.1	5.52	4.6
SR4	12/15/2018 4:36	21.03	70.2	5.17	2.2	SR4	12/15/2018 10:36	21.04	82.4	6.06	3.5	SR4	12/15/2018 16:36	21.15	77.3	5.67	1.8	SR4	12/15/2018 22:36	21.07	74.5	5.47	3.6
SR4	12/15/2018 4:41	21.03	73.2	5.39	4.0	SR4	12/15/2018 10:41	21.02	83.0	6.10	3.9	SR4	12/15/2018 16:41	21.14	77.4	5.68	2.0	SR4	12/15/2018 22:41	21.06	76.0	5.58	2.2
SR4	12/15/2018 4:46	21.00	75.1	5.53	1.2	SR4	12/15/2018 10:46	21.03	83.0	6.10	3.2	SR4	12/15/2018 16:46	21.13	77.3	5.68	2.5	SR4	12/15/2018 22:46	21.06	76.6	5.63	1.2
SR4	12/15/2018 4:51	21.01	75.2	5.53	2.8	SR4	12/15/2018 10:51	21.01	81.9	6.03	3.2	SR4	12/15/2018 16:51	21.13	78.0	5.73	2.7	SR4	12/15/2018 22:51	21.05	76.7	5.64	5.3
SR4	12/15/2018 4:56	21.01	75.2	5.54	3.8	SR4	12/15/2018 10:56	21.00	83.1	6.12	3.5	SR4	12/15/2018 16:56	21.12	78.2	5.74	3.2	SR4	12/15/2018 22:56	21.09	73.7	5.42	4.6
SR4	12/15/2018 5:01	21.00	75.7	5.57	1.7	SR4	12/15/2018 11:01	20.99	81.5	6.00	2.2	SR4	12/15/2018 17:01	21.12	78.0	5.73	1.9	SR4	12/15/2018 23:01	21.06	75.7	5.57	1.6
SR4	12/15/2018 5:06	21.03	75.2	5.53	3.8	SR4	12/15/2018 11:06	21.00	81.3	5.98	2.4	SR4	12/15/2018 17:06	21.12	78.7	5.78	2.9	SR4	12/15/2018 23:06	21.10	76.6	5.63	2.3
SR4	12/15/2018 5:11	21.02	75.4	5.55	1.0	SR4	12/15/2018 11:11	20.99	81.7	6.02	2.3	SR4	12/15/2018 17:11	21.11	78.9	5.80	2.6	SR4	12/15/2018 23:11	21.11	72.8	5.35	3.3
SR4	12/15/2018 5:16	21.01	75.8	5.58	1.0	SR4	12/15/2018 11:16	21.01	81.6	6.01	3.1	SR4	12/15/2018 17:16	21.11	78.2	5.74	2.1	SR4	12/15/2018 23:16	21.09	75.3	5.54	1.2
SR4	12/15/2018 5:21	21.04	74.7	5.49	1.0	SR4	12/15/2018 11:21	20.99	81.4	5.99	2.7	SR4	12/15/2018 17:21	21.11	77.3	5.68	2.1	SR4	12/15/2018 23:21	21.06	77.7	5.71	2.8
SR4	12/15/2018 5:26	21.05	73.7	5.42	4.8	SR4	12/15/2018 11:26	21.01	82.6	6.08	2.8	SR4	12/15/2018 17:26	21.11	77.2	5.67	1.7	SR4	12/15/2018 23:26	21.06	77.7	5.72	1.1
SR4	12/15/2018 5:31	21.05	72.7	5.35	3.8	SR4	12/15/2018 11:31	21.02	82.4	6.06	2.8	SR4	12/15/2018 17:31	21.11	77.2	5.67	2.3	SR4	12/15/2018 23:31	21.06	77.9	5.73	1.0
SR4	12/15/2018 5:36	21.02	77.5	5.70	1.3	SR4	12/15/2018 11:36	21.01	81.7	6.01	3.0	SR4	12/15/2018 17:36	21.11	75.5	5.55	1.4	SR4	12/15/2018 23:36	21.05	78.4	5.76	1.6
SR4	12/15/2018 5:41	21.02	75.9	5.59	1.1	SR4	12/15/2018 11:41	21.00	81.6	6.01	2.8	SR4	12/15/2018 17:41	21.12	74.0	5.44	1.8	SR4	12/15/2018 23:41	21.06	77.5	5.70	1.3
SR4	12/15/2018 5:46	21.07	73.0	5.37	3.1	SR4	12/15/2018 11:46	21.04	75.8	5.59	2.6	SR4	12/15/2018 17:46	21.12	76.2	5.60	1.6	SR4	12/15/2018 23:46	21.05	77.2	5.68	1.0
SR4	12/15/2018 5:51	21.00	75.2	5.54	1.3	SR4	12/15/2018 11:51	21.06	77.9	5.73	3.1	SR4	12/15/2018 17:51	21.11	76.4	5.61	1.3	SR4	12/15/2018 23:51	21.05	78.8	5.80	3.1
SR4	12/15/2018 5:56	21.17	57.4	4.22	3.4	SR4	12/15/2018 11:56	21.02	79.9	5.88	3.7	SR4	12/15/2018 17:56	21.10	77.8	5.71	3.9	SR4	12/15/2018 23:56	21.06	78.8	5.80	1.7

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/15/2018 0:00	21.38	85.8	6.19	2.8	SR5	12/15/2018 6:00	21.29	84.6	6.11	3.5	SR5	12/15/2018 12:00	21.35	84.6	6.11	3.9	SR5	12/15/2018 18:00	21.35	84.5	6.10	3.6
SR5	12/15/2018 0:05	21.37	83.7	6.05	2.0	SR5	12/15/2018 6:05	21.30	82.9	5.99	4.4	SR5	12/15/2018 12:05	21.36	86.6	6.25	3.8	SR5	12/15/2018 18:05	21.35	81.8	5.91	3.1
SR5	12/15/2018 0:10	21.38	83.4	6.02	2.2	SR5	12/15/2018 6:10	21.32	79.3	5.73	2.6	SR5	12/15/2018 12:10	21.35	84.6	6.11	3.9	SR5	12/15/2018 18:10	21.36	82.5	5.96	2.4
SR5	12/15/2018 0:15	21.38	85.2	6.15	3.7	SR5	12/15/2018 6:15	21.30	80.7	5.83	3.3	SR5	12/15/2018 12:15	21.38	86.0	6.21	4.8	SR5	12/15/2018 18:15	21.35	85.5	6.17	3.6
SR5	12/15/2018 0:20	21.37	86.4	6.24	2.3	SR5	12/15/2018 6:20	21.32	84.0	6.07	2.9	SR5	12/15/2018 12:20	21.35	85.2	6.15	3.0	SR5	12/15/2018 18:20	21.35	85.9	6.20	3.2
SR5	12/15/2018 0:25	21.37	82.6	5.96	1.9	SR5	12/15/2018 6:25	21.32	81.6	5.90	2.5	SR5	12/15/2018 12:25	21.35	83.2	6.01	3.4	SR5	12/15/2018 18:25	21.35	84.5	6.10	2.8
SR5	12/15/2018 0:30	21.36	83.6	6.04	1.9	SR5	12/15/2018 6:30	21.31	82.6	5.97	3.3	SR5	12/15/2018 12:30	21.36	85.3	6.16	2.4	SR5	12/15/2018 18:30	21.35	84.3	6.09	3.6
SR5	12/15/2018 0:35	21.37	84.5	6.10	3.6	SR5	12/15/2018 6:35	21.32	82.4	5.95	2.9	SR5	12/15/2018 12:35	21.35	85.2	6.15	4.1	SR5	12/15/2018 18:35	21.34	83.2	6.01	2.8
SR5	12/15/2018 0:40	21.38	82.5	5.95	3.2	SR5	12/15/2018 6:40	21.33	84.6	6.11	2.2	SR5	12/15/2018 12:40	21.35	82.9	5.99	4.1	SR5	12/15/2018 18:40	21.34	85.8	6.19	4.0
SR5	12/15/2018 0:45	21.38	84.8	6.12	3.8	SR5	12/15/2018 6:45	21.33	83.7	6.04	3.1	SR5	12/15/2018 12:45	21.35	85.6	6.18	3.6	SR5	12/15/2018 18:45	21.35	83.0	6.00	4.2
SR5	12/15/2018 0:50	21.36	83.9	6.06	3.0	SR5	12/15/2018 6:50	21.33	84.7	6.12	3.1	SR5	12/15/2018 12:50	21.36	85.2	6.15	2.6	SR5	12/15/2018 18:50	21.34	79.1	5.76	3.7
SR5	12/15/2018 0:55	21.37	86.1	6.21	3.8	SR5	12/15/2018 6:55	21.32	84.4	6.09	4.1	SR5	12/15/2018 12:55	21.35	85.4	6.16	3.3	SR5	12/15/2018 18:55	21.35	78.2	5.56	2.7
SR5	12/15/2018 1:00	21.35	85.5	6.17	3.8	SR5	12/15/2018 7:00	21.33	81.3	5.87	2.6	SR5	12/15/2018 13:00	21.36	83.2	6.01	4.0	SR5	12/15/2018 19:00	21.32	80.1	5.69	3.9
SR5	12/15/2018 1:05	21.36	85.7	6.19	3.3	SR5	12/15/2018 7:05	21.32	83.3	6.01	2.1	SR5	12/15/2018 13:05	21.37	83.1	6.00	4.1	SR5	12/15/2018 19:05	21.34	84.4	6.09	2.6
SR5	12/15/2018 1:10	21.35	86.5	6.24	2.0	SR5	12/15/2018 7:10	21.31	84.2	6.08	4.0	SR5	12/15/2018 13:10	21.37	86.4	6.23	4.3	SR5	12/15/2018 19:10	21.31	84.2	6.07	3.2
SR5	12/15/2018 1:15	21.37	85.6	6.18	2.7	SR5	12/15/2018 7:15	21.32	83.9	6.05	2.6	SR5	12/15/2018 13:15	21.36	83.0	5.99	2.2	SR5	12/15/2018 19:15	21.30	83.9	6.05	3.8
SR5	12/15/2018 1:20	21.35	85.1	6.15	2.6	SR5	12/15/2018 7:20	21.31	83.4	6.02	2.8	SR5	12/15/2018 13:20	21.37	85.6	6.18	2.8	SR5	12/15/2018 19:20	21.30	85.3	6.16	2.0
SR5	12/15/2018 1:25	21.35	84.9	6.13	2.8	SR5	12/15/2018 7:25	21.31	85.2	6.15	3.3	SR5	12/15/2018 13:25	21.38	85.2	6.15	3.4	SR5	12/15/2018 19:25	21.30	83.3	6.02	2.5
SR5	12/15/2018 1:30	21.34	85.6	6.18	3.3	SR5	12/15/2018 7:30	21.31	78.8	5.68	2.4	SR5	12/15/2018 13:30	21.41	84.8	6.12	2.9	SR5	12/15/2018 19:30	21.31	83.4	6.02	2.6
SR5	12/15/2018 1:35	21.36	83.4	6.02	2.2	SR5	12/15/2018 7:35	21.32	83.1	6.00	2.9	SR5	12/15/2018 13:35	21.40	85.8	6.19	2.8	SR5	12/15/2018 19:35	21.30	82.2	5.94	3.3
SR5	12/15/2018 1:40	21.35	85.1	6.14	3.5	SR5	12/15/2018 7:40	21.31	83.9	6.06	2.9	SR5	12/15/2018 13:40	21.41	83.7	6.04	3.0	SR5	12/15/2018 19:40	21.31	86.1	6.22	4.2
SR5	12/15/2018 1:45	21.34	86.3	6.23	3.7	SR5	12/15/2018 7:45	21.31	81.6	5.89	2.8	SR5	12/15/2018 13:45	21.43	86.3	6.23	3.0	SR5	12/15/2018 19:45	21.31	83.5	6.03	3.5
SR5	12/15/2018 1:50	21.36	85.6	6.18	3.0	SR5	12/15/2018 7:50	21.32	80.1	5.78	3.1	SR5	12/15/2018 13:50	21.47	84.4	6.09	3.3	SR5	12/15/2018 19:50	21.30	85.1	6.14	3.5
SR5	12/15/2018 1:55	21.36	84.9	6.13	3.8	SR5	12/15/2018 7:55	21.31	81.3	5.86	3.7	SR5	12/15/2018 13:55	21.47	83.5	6.03	2.5	SR5	12/15/2018 19:55	21.30	83.9	6.06	4.2
SR5	12/15/2018 2:00	21.36	83.5	6.03	3.6	SR5	12/15/2018 8:00	21.31	80.1	5.78	3.6	SR5	12/15/2018 14:00	21.40	85.2	6.15	3.6	SR5	12/15/2018 20:00	21.31	85.4	6.16	2.2
SR5	12/15/2018 2:05	21.36	85.5	6.17	3.7	SR5	12/15/2018 8:05	21.31	82.1	5.93	2.1	SR5	12/15/2018 14:05	21.40	85.8	6.19	4.5	SR5	12/15/2018 20:05	21.31	84.8	6.12	3.8
SR5	12/15/2018 2:10	21.36	85.0	6.13	3.5	SR5	12/15/2018 8:10	21.32	82.5	5.96	2.7	SR5	12/15/2018 14:10	21.41	85.7	6.19	3.6	SR5	12/15/2018 20:10	21.32	83.1	6.00	3.2
SR5	12/15/2018 2:15	21.35	83.4	6.02	3.3	SR5	12/15/2018 8:15	21.31	81.1	5.86	3.4	SR5	12/15/2018 14:15	21.39	83.5	6.02	4.2	SR5	12/15/2018 20:15	21.31	84.6	6.11	2.0
SR5	12/15/2018 2:20	21.34	84.4	6.10	3.5	SR5	12/15/2018 8:20	21.32	85.2	6.15	1.9	SR5	12/15/2018 14:20	21.41	86.5	6.24	3.9	SR5	12/15/2018 20:20	21.32	84.8	6.12	2.1
SR5	12/15/2018 2:25	21.34	86.0	6.21	3.4	SR5	12/15/2018 8:25	21.31	84.3	6.09	3.6	SR5	12/15/2018 14:25	21.41	85.8	6.19	3.2	SR5	12/15/2018 20:25	21.32	84.2	6.08	2.0
SR5	12/15/2018 2:30	21.34	86.2	6.22	2.6	SR5	12/15/2018 8:30	21.32	84.8	6.13	3.1	SR5	12/15/2018 14:30	21.41	86.8	6.27	3.8	SR5	12/15/2018 20:30	21.32	82.5	5.96	3.3
SR5	12/15/2018 2:35	21.36	85.2	6.15	3.8	SR5	12/15/2018 8:35	21.32	84.1	6.07	4.1	SR5	12/15/2018 14:35	21.43	86.8	6.26	2.2	SR5	12/15/2018 20:35	21.32	82.5	5.96	3.1
SR5	12/15/2018 2:40	21.35	85.2	6.15	3.4	SR5	12/15/2018 8:40	21.31	85.1	6.15	3.1	SR5	12/15/2018 14:40	21.45	84.7	6.11	3.5	SR5	12/15/2018 20:40	21.32	85.4	6.16	2.9
SR5	12/15/2018 2:45	21.35	84.6	6.11	2.7	SR5	12/15/2018 8:45	21.32	84.9	6.13	4.0	SR5	12/15/2018 14:45	21.43	85.5	6.17	3.4	SR5	12/15/2018 20:45	21.32	84.7	6.11	3.1
SR5	12/15/2018 2:50	21.35	84.1	6.07	2.1	SR5	12/15/2018 8:50	21.30	84.9	6.13	3.0	SR5	12/15/2018 14:50	21.39	83.7	6.04	4.0	SR5	12/15/2018 20:50	21.32	83.8	6.05	3.3
SR5	12/15/2018 2:55	21.35	86.0	6.20	3.0	SR5	12/15/2018 8:55	21.32	84.0	6.07	3.8	SR5	12/15/2018 14:55	21.39	86.8	6.27	2.4	SR5	12/15/2018 20:55	21.32	84.5	6.10	2.9
SR5	12/15/2018 3:00	21.36	83.8	6.06	3.3	SR5	12/15/2018 9:00	21.32	85.5	6.18	4.0	SR5	12/15/2018 15:00	21.41	86.0	6.21	3.0	SR5	12/15/2018 21:00	21.32	81.8	5.91	2.2
SR5	12/15/2018 3:05	21.35	85.3	6.16	4.0	SR5	12/15/2018 9:05	21.32	84.4	6.10	3.3	SR5	12/15/2018 15:05	21.44	85.9	6.20	4.3	SR5	12/15/2018 21:05	21.32	81.6	5.89	3.8
SR5	12/15/2018 3:10	21.35	84.7	6.11	2.8	SR5	12/15/2018 9:10	21.32	86.1	6.22	2.4	SR5	12/15/2018 15:10	21.46	83.3	6.01	4.4	SR5	12/15/2018 21:10	21.32	78.0	5.54	4.3
SR5	12/15/2018 3:15	21.35	86.0	6.21	4.2	SR5	12/15/2018 9:15	21.32	84.0	6.07	3.2	SR5	12/15/2018 15:15	21.52	83.1	6.00	4.1	SR5	12/15/2018 21:15	21.32	78.4	5.57	2.9
SR5	12/15/2018 3:20	21.34	85.3	6.16	2.1	SR5	12/15/2018 9:20	21.33	85.7	6.19	3.9	SR5	12/15/2018 15:20	21.46	86.4	6.24	4.3	SR5	12/15/2018 21:20	21.32	78.7	5.59	2.6
SR5	12/15/2018 3:25	21.34	85.9	6.20	3.1	SR5	12/15/2018 9:25	21.32	84.1	6.08	2.3	SR5	12/15/2018 15:25	21.50	85.6	6.18	3.9	SR5	12/15/2018 21:25	21.32	77.5	5.51	2.0
SR5	12/15/2018 3:30	21.34	86.5	6.24	2.6	SR5	12/15/2018 9:30	21.32	84.5	6.10	3.4	SR5	12/15/2018 15:30	21.45	84.4	6.09	4.9	SR5	12/15/2018 21:30	21.32	82.6	5.96	3.8
SR5	12/15/2018 3:35	21.31	83.0	6.00	3.0	SR5	12/15/2018 9:35	21.32	84.8	6.12	4.2	SR5	12/15/2018 15:35	21.43	85.1	6.14	3.8	SR5	12/15/2018 21:35	21.32	84.4	6.09	2.7
SR5	12/15/2018 3:40	21.34	84.1	6.08	2.6	SR5	12/15/2018 9:40	21.32	85.3	6.16	3.3	SR5	12/15/2018 15:40	21.41	85.4	6.17	3.3	SR5	12/15/2018 21:40	21.32	83.2	6.01	2.0
SR5	12/15/2018 3:45	21.33	85.1	6.15	2.4	SR5	12/15/2018 9:45	21.33	84.3	6.08	3.3	SR5	12/15/2018 15:45	21.43	85.4	6.16	2.9	SR5	12/15/2018 21:45	21.32	84.2	6.08	2.2
SR5	12/15/2018 3:50	21.31	84.2	6.09	4.4	SR5	12/15/2018 9:50	21.33	86.6	6.25	3.6	SR5	12/15/2018 15:50	21.40	83.4	6.02	3.2	SR5	12/15/2018 21:50	21.33	83.4	6.02	3.5
SR5	12/15/2018 3:55	21.32	86.6	6.25	4.3	SR5	12/15/2018 9:55	21.35	86.0	6.21	4.7	SR5	12/15/2018 15:55	21.38	85.6	6.18	2.5	SR5	12/15/2018 21:55	21.34	84.2	6.08	4.1
SR5	12/15/2018 4:00	21.31	84.7	6.12	2.6	SR5	12/15/2018 10:00	21.34	85.7	6.19	3.6	SR5	12/15/2018 16:00	21.38	82.5	5.95	2.8	SR5	12/15/2018 22:00	21.35	84.3	6.08	3.2
SR5	12/15/2018 4:05	21.32	85.1	6.15	3.5	SR5	12/15/2018 10:05	21.35	84.6	6.11	4.0	SR5	12/15/2018 16:05	21.38	83.0	5.99	2.4	SR5	12/15/2018 22:05	21.35	81.6	5.89	2.9
SR5	12/15/2018 4:10	21.33	83.2	6.01	4.0	SR5	12/15/2018 10:10	21.33	86.1	6.22	4.0	SR5	12/15/2018 16:10	21.37	83.1	6.00	2.9	SR5	12/15/2018 22:10	21.35	85.1	6.14	3.8
SR5	12/15/2018 4:15	21.31	83.2	6.01	3.4	SR5	12/15/2018 10:15	21.34	84.5	6.10	3.5	SR5	12/15/2018 16:15	21.37	82.5	5.95	2.9	SR5	12/15/2018 22:15	21.35	84.4	6.09	2.8
SR5	12/15/2018 4:20	21.32	84.0	6.07	1.7	SR5	12/15/2018 10:20	21.33	83.8	6.05	3.7	SR5	12/15/2018 16:20	21.42	84.6	6.10	3.4	SR5	12/15/2018 22:20	21.35	82.9	5.98	2.6
SR5	12/15/2018 4:25	21.30	83.2	6.01	3.4	SR5	12/15/2018 10:25	21.35	84.6	6.11	3.5	SR5	12/15/2018 16:25	21.45	82.3	5.94	1.7	SR5	12/15/2018 22:25	21.35	82.0	5.92	3.3
SR5	12/15/2018 4:30	21.31	83.6	6.03	3.9	SR5	12/15/2018 10:30	21.35	83.5	6.03	4.9	SR5	12/15/2018 16:30	21.44	82.7	5.96	3.9	SR5	12/15/2018 22:30	21.36	81.8	5.91	3.1
SR5	12/15/2018 4:35	21.32	83.7	6.04	4.2	SR5	12/15/2018 10:35	21.35	84.3	6.09	2.9	SR5	12/15/2018 16:35	21.42	82.7	5.97	3.2	SR5	12/15/2018 22:35	21.36	83.6	6.03	3.1
SR5	12/15/2018 4:40	21.32	81.9	5.92	4.0	SR5	12/15/2018 10:40	21.36	85.1	6.15	3.3	SR5	12/15/2018 16:40	21.42	83.5	6.03	4.1	SR5	12/15/2018 22:40	21.36	82.9	5.98	4.2
SR5	12/15/2018 4:45	21.31	82.6	5.96	2.7	SR5	12/15/2018 10:45	21.37	86.5	6.25	3.2	SR5	12/15/2018 16:45	21.43	82.8	5.98	3.9	SR5	12/15/2018 22:45	21.36	84.5	6.10	3.1
SR5	12/15/2018 4:50	21.30	85.6	6.18	3.9	SR5	12/15/2018 10:50	21.36	84.2	6.08	2.1	SR5	12/15/2018 16:50	21.38	86.0	6.20	3.2	SR5	12/15/2018 22:50	21.36	82.3	5.94	3.2
SR5	12/15/2018 4:55	21.29	83.1	6.00	3.3	SR5	12/15/2018 10:55	21.37	86.5	6.25	3.1	SR5	12/15/2018 16:55	21.35	85.7	6.18	2.3	SR5	12/15/2018 22:55	21.36	84.8	6.12	3.5
SR5	12/15/2018 5:00	21.31	82.0	5.92	2.5	SR5	12/15/2018 11:00	21.38	83.5	6.04	3.4	SR5	12/15/2018 17:00	21.36	84.0	6.06	3.3	SR5	12/15/2018 23:00	21.36	82.9	5.98	3.1
SR5	12/15/2018 5:05	21.30	81.9	5.92	4.8	SR5	12/15/2018 11:05	21.38	85.6	6.18	3.5	SR5	12/15/2018 17:05	21.35	85.3	6.15	3.8	SR5	12/15/2018 23:05	21.35	82.5	5.95	3.7
SR5	12/15/2018 5:10	21.31	83.8	6.05	2.4	SR5	12/15/2018 11:10	21.37	86.8	6.27	3.4	SR5	12/15/2018 17:10	21.35	84.7	6.11	2.5	SR5	12/15/2018 23:10	21.36	80.8	5.84	3.0
SR5	12/15/2018 5:15	21.31	81.9	5.92	3.0	SR5	12/15/2018 11:15	21.37	85.9	6.20	2.9	SR5	12/15/2018 17:15	21.36	83.8	6.05	3.5	SR5	12/15/2018 23:15	21.36	83.1	6.00	2.3
SR5	12/15/2018 5:20	21.31	82.4	5.95	3.0	SR5	12/15/2018 11:20	21.37	83.7	6.05	2.6	SR5	12/15/2018 17:20	21.35	82.5	5.95	2.9	SR5	12/15/2018 23:20	21.36	85.2	6.15	2.6
SR5	12/15/2018 5:25	21.32	82.3	5.94	4.4	SR5	12/15/2018 11:25	21.35	84.9	6.13	2.5	SR5	12/15/2018 17:25	21.37	84.5	6.10	2.9	SR5	12/15/2018 23:25	21.36	85.5	6.17	3.4
SR5	12/15/2018 5:30	21.31	81.1	5.86	4.0	SR5	12/15/2018 11:30	21.37	86.0	6.21	3.8	SR5	12/15/2018 17:30	21.35	82.7	5.97	3.0	SR5	12/15/2018 23:30	21.36	82.6	5.96	4.0
SR5	12/15/2018 5:35	21.31	85.0	6.14	3.7	SR5	12/15/2018 11:35	21.35	86.9	6.28	2.7	SR5	12/15/2018 17:35	21.36	84.1	6.07	3.6	SR5	12/15/2018 23:35	21.36	85.9	6.20	2.4
SR5	12/15/2018 5:40	21.29	83.7	6.05	2.5	SR5	12/15/2018 11:40	21.36	83.4	6.03	2.9	SR5	12/15/2018 17:40	21.36	83.0	5.99	2.1	SR5	12/15/2018 23:40	21.36	82.9	5.99	2.0
SR5	12/15/2018 5:45	21.30	83.2	6.00	6.5	SR5	12/15/2018 11:45	21.35	82.6	5.97	3.5	SR5	12/15/2018 17:45	21.36	81.9	5.91	3.7	SR5	12/15/2018 23:45	21.36	82.7	5.97	2.5
SR5	12/15/2018 5:50	21.31	82.4	5.95	3.1	SR5	12/15/2018 11:50	21.34	85.5	6.17	4.9	SR5	12/15/2018 17:50	21.36	82.6	5.96	3.4	SR5	12/15/2018 23:50	21.35	84.9	6.13	4.0
SR5	12/15/2018 5:55	21.30	77.4	5.58	2.9	SR5	12/15/2018 11:55	21.35	86.3	6.23	4.3	SR5	12/15/2018 17:55	21.36	85.4	6.16	3.2	SR5	12/15/2018 23:55	21.36	85.1	6.14	2.4

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/15/2018 0:01	21.81	82.7	5.99	4.7	SR12	12/15/2018 6:01	21.77	78.5	5.70	4.8	SR12	12/15/2018 12:01	21.80	80.1	5.81	3.0	SR12	12/15/2018 18:01	21.75	79.3	5.76	5.3
SR12	12/15/2018 0:06	21.80	82.1	5.95	2.4	SR12	12/15/2018 6:06	21.74	79.4	5.76	5.1	SR12	12/15/2018 12:06	21.80	80.1	5.81	3.6	SR12	12/15/2018 18:06	21.74	78.7	5.72	2.9
SR12	12/15/2018 0:11	21.79	82.3	5.97	2.0	SR12	12/15/2018 6:11	21.73	79.5	5.77	3.0	SR12	12/15/2018 12:11	21.79	80.3	5.83	7.8	SR12	12/15/2018 18:11	21.76	79.1	5.74	1.2
SR12	12/15/2018 0:16	21.79	82.1	5.95	5.0	SR12	12/15/2018 6:16	21.73	79.5	5.78	1.6	SR12	12/15/2018 12:16	21.79	79.6	5.78	5.5	SR12	12/15/2018 18:16	21.74	79.4	5.76	3.3
SR12	12/15/2018 0:21	21.79	82.7	6.00	3.5	SR12	12/15/2018 6:21	21.72	80.1	5.82	4.5	SR12	12/15/2018 12:21	21.79	80.6	5.85	1.7	SR12	12/15/2018 18:21	21.74	80.9	5.87	4.1
SR12	12/15/2018 0:26	21.78	82.7	6.00	1.8	SR12	12/15/2018 6:26	21.72	80.3	5.83	2.9	SR12	12/15/2018 12:26	21.79	80.0	5.81	3.7	SR12	12/15/2018 18:26	21.77	79.9	5.80	2.0
SR12	12/15/2018 0:31	21.78	82.5	5.98	1.4	SR12	12/15/2018 6:31	21.73	79.5	5.77	2.2	SR12	12/15/2018 12:31	21.78	80.0	5.80	1.5	SR12	12/15/2018 18:31	21.75	79.7	5.79	4.1
SR12	12/15/2018 0:36	21.79	81.0	5.88	1.4	SR12	12/15/2018 6:36	21.72	79.9	5.80	3.3	SR12	12/15/2018 12:36	21.78	80.2	5.82	4.5	SR12	12/15/2018 18:36	21.77	81.0	5.88	4.3
SR12	12/15/2018 0:41	21.79	82.2	5.96	2.5	SR12	12/15/2018 6:41	21.72	79.8	5.79	1.8	SR12	12/15/2018 12:41	21.81	79.7	5.78	4.3	SR12	12/15/2018 18:41	21.75	81.4	5.91	3.6
SR12	12/15/2018 0:46	21.79	81.4	5.90	3.2	SR12	12/15/2018 6:46	21.72	79.6	5.78	5.4	SR12	12/15/2018 12:46	21.78	79.5	5.77	1.9	SR12	12/15/2018 18:46	21.74	81.5	5.92	5.4
SR12	12/15/2018 0:51	21.79	81.7	5.93	4.1	SR12	12/15/2018 6:51	21.72	79.3	5.76	4.3	SR12	12/15/2018 12:51	21.78	79.4	5.76	3.9	SR12	12/15/2018 18:51	21.77	81.5	5.92	5.2
SR12	12/15/2018 0:56	21.79	81.3	5.89	2.9	SR12	12/15/2018 6:56	21.72	79.5	5.77	5.5	SR12	12/15/2018 12:56	21.80	79.5	5.77	4.1	SR12	12/15/2018 18:56	21.75	81.3	5.90	2.3
SR12	12/15/2018 1:01	21.78	82.8	6.01	8.1	SR12	12/15/2018 7:01	21.73	79.6	5.78	2.3	SR12	12/15/2018 13:01	21.79	80.1	5.81	5.1	SR12	12/15/2018 19:01	21.75	81.1	5.88	3.5
SR12	12/15/2018 1:06	21.79	82.4	5.98	5.0	SR12	12/15/2018 7:06	21.72	79.6	5.78	2.6	SR12	12/15/2018 13:06	21.80	79.4	5.76	3.1	SR12	12/15/2018 19:06	21.75	80.6	5.85	5.1
SR12	12/15/2018 1:11	21.79	82.3	5.96	1.1	SR12	12/15/2018 7:11	21.73	79.3	5.76	3.8	SR12	12/15/2018 13:11	21.85	79.6	5.77	4.9	SR12	12/15/2018 19:11	21.75	80.4	5.83	5.4
SR12	12/15/2018 1:16	21.80	81.3	5.90	4.2	SR12	12/15/2018 7:16	21.75	79.0	5.73	1.8	SR12	12/15/2018 13:16	21.82	79.2	5.74	1.9	SR12	12/15/2018 19:16	21.75	80.2	5.82	5.1
SR12	12/15/2018 1:21	21.79	80.7	5.85	3.8	SR12	12/15/2018 7:21	21.75	79.3	5.76	1.7	SR12	12/15/2018 13:21	21.81	79.9	5.80	4.7	SR12	12/15/2018 19:21	21.77	79.9	5.80	1.1
SR12	12/15/2018 1:26	21.77	81.3	5.89	3.1	SR12	12/15/2018 7:26	21.74	78.3	5.69	2.0	SR12	12/15/2018 13:26	21.81	79.2	5.75	1.3	SR12	12/15/2018 19:26	21.76	80.3	5.83	2.2
SR12	12/15/2018 1:31	21.75	82.0	5.95	4.0	SR12	12/15/2018 7:31	21.73	78.7	5.72	2.0	SR12	12/15/2018 13:31	21.81	79.2	5.74	3.4	SR12	12/15/2018 19:31	21.75	80.1	5.81	2.1
SR12	12/15/2018 1:36	21.76	82.0	5.95	2.8	SR12	12/15/2018 7:36	21.73	78.7	5.71	2.9	SR12	12/15/2018 13:36	21.83	80.3	5.82	3.9	SR12	12/15/2018 19:36	21.78	79.4	5.76	4.8
SR12	12/15/2018 1:41	21.78	81.5	5.91	5.4	SR12	12/15/2018 7:41	21.75	77.9	5.66	3.4	SR12	12/15/2018 13:41	21.86	80.7	5.85	5.2	SR12	12/15/2018 19:41	21.78	80.2	5.82	5.3
SR12	12/15/2018 1:46	21.76	81.7	5.92	4.6	SR12	12/15/2018 7:46	21.73	78.5	5.70	1.7	SR12	12/15/2018 13:46	21.81	81.0	5.88	3.0	SR12	12/15/2018 19:46	21.79	80.1	5.81	1.5
SR12	12/15/2018 1:51	21.76	81.2	5.89	1.1	SR12	12/15/2018 7:51	21.73	79.1	5.74	3.0	SR12	12/15/2018 13:51	21.84	80.6	5.84	1.6	SR12	12/15/2018 19:51	21.82	79.6	5.77	4.9
SR12	12/15/2018 1:56	21.78	80.5	5.84	4.2	SR12	12/15/2018 7:56	21.76	78.8	5.72	5.5	SR12	12/15/2018 13:56	21.84	80.3	5.82	2.3	SR12	12/15/2018 19:56	21.81	79.8	5.79	5.1
SR12	12/15/2018 2:01	21.78	79.8	5.79	5.3	SR12	12/15/2018 8:01	21.75	78.9	5.73	3.0	SR12	12/15/2018 14:01	21.84	80.0	5.80	1.6	SR12	12/15/2018 20:01	21.80	79.5	5.77	1.7
SR12	12/15/2018 2:06	21.78	79.8	5.78	4.8	SR12	12/15/2018 8:06	21.73	78.6	5.71	1.1	SR12	12/15/2018 14:06	21.82	80.2	5.81	5.3	SR12	12/15/2018 20:06	21.81	79.4	5.76	4.6
SR12	12/15/2018 2:11	21.79	79.3	5.75	5.5	SR12	12/15/2018 8:11	21.73	78.3	5.69	4.2	SR12	12/15/2018 14:11	21.81	80.2	5.82	4.0	SR12	12/15/2018 20:11	21.80	78.9	5.72	5.2
SR12	12/15/2018 2:16	21.78	80.7	5.85	5.2	SR12	12/15/2018 8:16	21.73	78.4	5.69	4.5	SR12	12/15/2018 14:16	21.81	79.9	5.79	3.8	SR12	12/15/2018 20:16	21.81	79.1	5.74	1.6
SR12	12/15/2018 2:21	21.78	81.1	5.88	3.7	SR12	12/15/2018 8:21	21.71	79.1	5.75	1.2	SR12	12/15/2018 14:21	21.83	79.5	5.76	2.4	SR12	12/15/2018 20:21	21.81	78.8	5.71	3.3
SR12	12/15/2018 2:26	21.78	81.1	5.88	1.8	SR12	12/15/2018 8:26	21.70	79.3	5.77	2.8	SR12	12/15/2018 14:26	21.82	80.1	5.81	3.3	SR12	12/15/2018 20:26	21.81	78.8	5.72	1.2
SR12	12/15/2018 2:31	21.78	80.3	5.82	1.1	SR12	12/15/2018 8:31	21.71	78.7	5.72	2.4	SR12	12/15/2018 14:31	21.83	80.1	5.81	2.2	SR12	12/15/2018 20:31	21.80	78.5	5.70	1.7
SR12	12/15/2018 2:36	21.78	80.6	5.84	4.7	SR12	12/15/2018 8:36	21.70	79.3	5.76	5.3	SR12	12/15/2018 14:36	21.83	80.2	5.81	2.4	SR12	12/15/2018 20:36	21.80	78.4	5.69	2.5
SR12	12/15/2018 2:41	21.78	80.8	5.86	2.8	SR12	12/15/2018 8:41	21.70	79.0	5.74	3.1	SR12	12/15/2018 14:41	21.82	80.0	5.80	3.9	SR12	12/15/2018 20:41	21.80	79.0	5.73	2.6
SR12	12/15/2018 2:46	21.78	81.3	5.89	3.0	SR12	12/15/2018 8:46	21.70	79.1	5.74	3.2	SR12	12/15/2018 14:46	21.83	80.4	5.83	3.6	SR12	12/15/2018 20:46	21.80	78.9	5.72	2.5
SR12	12/15/2018 2:51	21.78	80.5	5.84	1.3	SR12	12/15/2018 8:51	21.68	79.6	5.78	3.6	SR12	12/15/2018 14:51	21.83	80.8	5.86	3.3	SR12	12/15/2018 20:51	21.80	78.7	5.71	2.2
SR12	12/15/2018 2:56	21.78	80.9	5.86	5.5	SR12	12/15/2018 8:56	21.69	79.8	5.80	3.7	SR12	12/15/2018 14:56	21.86	80.7	5.85	2.8	SR12	12/15/2018 20:56	21.80	78.5	5.69	1.3
SR12	12/15/2018 3:01	21.78	81.0	5.88	5.1	SR12	12/15/2018 9:01	21.69	80.1	5.82	3.9	SR12	12/15/2018 15:01	21.85	80.2	5.81	4.0	SR12	12/15/2018 21:01	21.81	78.2	5.67	1.2
SR12	12/15/2018 3:06	21.78	81.2	5.89	5.2	SR12	12/15/2018 9:06	21.68	79.6	5.78	4.2	SR12	12/15/2018 15:06	21.85	80.0	5.80	4.5	SR12	12/15/2018 21:06	21.80	78.4	5.68	4.1
SR12	12/15/2018 3:11	21.79	80.9	5.86	4.3	SR12	12/15/2018 9:11	21.68	80.5	5.85	2.1	SR12	12/15/2018 15:11	21.87	79.8	5.78	5.0	SR12	12/15/2018 21:11	21.79	80.0	5.80	5.2
SR12	12/15/2018 3:16	21.81	81.0	5.87	5.2	SR12	12/15/2018 9:16	21.68	80.3	5.84	5.0	SR12	12/15/2018 15:16	21.87	79.6	5.77	5.5	SR12	12/15/2018 21:16	21.79	79.8	5.79	5.2
SR12	12/15/2018 3:21	21.80	81.2	5.89	1.9	SR12	12/15/2018 9:21	21.72	80.4	5.84	5.3	SR12	12/15/2018 15:21	21.86	80.1	5.80	5.3	SR12	12/15/2018 21:21	21.79	79.1	5.74	3.9
SR12	12/15/2018 3:26	21.78	81.7	5.92	5.0	SR12	12/15/2018 9:26	21.72	80.8	5.87	1.9	SR12	12/15/2018 15:26	21.85	79.8	5.78	4.6	SR12	12/15/2018 21:26	21.81	80.3	5.82	1.8
SR12	12/15/2018 3:31	21.78	81.7	5.92	2.7	SR12	12/15/2018 9:31	21.71	80.2	5.82	5.1	SR12	12/15/2018 15:31	21.86	79.5	5.76	3.7	SR12	12/15/2018 21:31	21.81	79.8	5.79	3.4
SR12	12/15/2018 3:36	21.78	82.0	5.95	4.3	SR12	12/15/2018 9:36	21.73	80.1	5.82	5.3	SR12	12/15/2018 15:36	21.84	79.8	5.78	3.1	SR12	12/15/2018 21:36	21.81	79.2	5.74	3.6
SR12	12/15/2018 3:41	21.81	81.2	5.89	1.3	SR12	12/15/2018 9:41	21.72	80.0	5.81	2.2	SR12	12/15/2018 15:41	21.84	81.3	5.90	1.6	SR12	12/15/2018 21:41	21.80	79.8	5.79	2.2
SR12	12/15/2018 3:46	21.82	81.2	5.89	2.4	SR12	12/15/2018 9:46	21.71	79.9	5.80	2.0	SR12	12/15/2018 15:46	21.85	80.4	5.83	2.0	SR12	12/15/2018 21:46	21.79	79.6	5.77	1.7
SR12	12/15/2018 3:51	21.80	81.1	5.88	4.6	SR12	12/15/2018 9:51	21.72	79.8	5.79	2.9	SR12	12/15/2018 15:51	21.84	81.1	5.88	3.4	SR12	12/15/2018 21:51	21.79	79.7	5.78	5.5
SR12	12/15/2018 3:56	21.79	81.1	5.88	5.2	SR12	12/15/2018 9:56	21.71	79.4	5.77	5.4	SR12	12/15/2018 15:56	21.84	81.0	5.87	1.5	SR12	12/15/2018 21:56	21.80	78.2	5.67	4.7
SR12	12/15/2018 4:01	21.76	81.7	5.93	1.7	SR12	12/15/2018 10:01	21.72	79.4	5.77	2.6	SR12	12/15/2018 16:01	21.84	80.3	5.82	5.0	SR12	12/15/2018 22:01	21.82	78.6	5.70	1.6
SR12	12/15/2018 4:06	21.73	82.1	5.96	3.8	SR12	12/15/2018 10:06	21.71	80.1	5.82	3.4	SR12	12/15/2018 16:06	21.83	80.2	5.81	1.6	SR12	12/15/2018 22:06	21.81	78.5	5.69	1.3
SR12	12/15/2018 4:11	21.72	82.3	5.98	4.2	SR12	12/15/2018 10:11	21.75	77.8	5.65	2.0	SR12	12/15/2018 16:11	21.85	80.8	5.86	2.3	SR12	12/15/2018 22:11	21.79	78.9	5.72	5.0
SR12	12/15/2018 4:16	21.70	82.2	5.97	4.0	SR12	12/15/2018 10:16	21.72	79.6	5.79	5.3	SR12	12/15/2018 16:16	21.85	79.8	5.78	1.3	SR12	12/15/2018 22:16	21.79	79.0	5.73	5.5
SR12	12/15/2018 4:21	21.71	81.5	5.92	1.1	SR12	12/15/2018 10:21	21.75	79.0	5.74	2.0	SR12	12/15/2018 16:21	21.85	79.4	5.75	3.3	SR12	12/15/2018 22:21	21.79	79.2	5.74	1.7
SR12	12/15/2018 4:26	21.71	81.4	5.91	3.9	SR12	12/15/2018 10:26	21.78	78.5	5.70	1.7	SR12	12/15/2018 16:26	21.83	79.9	5.79	1.1	SR12	12/15/2018 22:26	21.81	79.7	5.78	1.4
SR12	12/15/2018 4:31	21.72	81.2	5.89	2.5	SR12	12/15/2018 10:31	21.77	79.4	5.76	4.9	SR12	12/15/2018 16:31	21.82	79.1	5.73	3.2	SR12	12/15/2018 22:31	21.79	79.8	5.79	3.3
SR12	12/15/2018 4:36	21.74	81.7	5.93	4.8	SR12	12/15/2018 10:36	21.76	79.5	5.77	2.9	SR12	12/15/2018 16:36	21.84	79.8	5.79	4.3	SR12	12/15/2018 22:36	21.79	79.7	5.78	1.3
SR12	12/15/2018 4:41	21.78	81.3	5.90	5.1	SR12	12/15/2018 10:41	21.75	80.2	5.83	2.6	SR12	12/15/2018 16:41	21.82	80.0	5.80	4.4	SR12	12/15/2018 22:41	21.78	79.7	5.78	4.7
SR12	12/15/2018 4:46	21.77	81.7	5.93	2.8	SR12	12/15/2018 10:46	21.75	80.2	5.82	2.3	SR12	12/15/2018 16:46	21.82	79.9	5.79	3.8	SR12	12/15/2018 22:46	21.78	80.0	5.81	4.2
SR12	12/15/2018 4:51	21.77	80.9	5.87	5.5	SR12	12/15/2018 10:51	21.78	79.6	5.77	1.2	SR12	12/15/2018 16:51	21.83	80.1	5.81	3.1	SR12	12/15/2018 22:51	21.77	80.0	5.80	3.1
SR12	12/15/2018 4:56	21.71	80.6	5.85	1.8	SR12	12/15/2018 10:56	21.77	80.1	5.81	3.2	SR12	12/15/2018 16:56	21.83	79.2	5.74	1.4	SR12	12/15/2018 22:56	21.78	79.8	5.79	4.0
SR12	12/15/2018 5:01	21.73	81.2	5.89	2.7	SR12	12/15/2018 11:01	21.77	80.0	5.81	5.5	SR12	12/15/2018 17:01	21.83	79.0	5.72	2.8	SR12	12/15/2018 23:01	21.79	79.0	5.73	4.7
SR12	12/15/2018 5:06	21.76	80.0	5.81	5.4	SR12	12/15/2018 11:06	21.77	80.2	5.82	2.3	SR12	12/15/2018 17:06	21.85	78.6	5.70	3.4	SR12	12/15/2018 23:06	21.78	79.8	5.79	3.5
SR12	12/15/2018 5:11	21.73	79.7	5.79	3.7	SR12	12/15/2018 11:11	21.77	80.1	5.82	3.9	SR12	12/15/2018 17:11	21.82	78.9	5.72	2.9	SR12	12/15/2018 23:11	21.79	79.3	5.76	4.5
SR12	12/15/2018 5:16	21.72	79.6	5.78	2.6	SR12	12/15/2018 11:16	21.76	80.0	5.81	3.3	SR12	12/15/2018 17:16	21.79	79.5	5.77	3.6	SR12	12/15/2018 23:16	21.80	79.1	5.74	4.0
SR12	12/15/2018 5:21	21.74	79.7	5.79	4.5	SR12	12/15/2018 11:21	21.78	80.4	5.84	3.3	SR12	12/15/2018 17:21	21.77	80.5	5.84	4.2	SR12	12/15/2018 23:21	21.79	78.9	5.73	3.6
SR12	12/15/2018 5:26	21.76	79.7	5.78	5.0	SR12	12/15/2018 11:26	21.80	80.0	5.80	2.2	SR12	12/15/2018 17:26	21.77	80.6	5.85	3.6	SR12	12/15/2018 23:26	21.78	79.1	5.74	2.5
SR12	12/15/2018 5:31	21.75	79.1	5.75	1.9	SR12	12/15/2018 11:31	21.79	79.4	5.76	2.2	SR12	12/15/2018 17:31	21.76	80.6	5.85	5.5	SR12	12/15/2018 23:31	21.78	79.6	5.77	4.7
SR12	12/15/2018 5:36	21.75	78.9	5.73	3.1	SR12	12/15/2018 11:36	21.81	79.7	5.78	3.4	SR12	12/15/2018 17:36	21.76	80.6	5.85	3.1	SR12	12/15/2018 23:36	21.80	78.8	5.72	1.6
SR12	12/15/2018 5:41	21.74	78.8	5.72	4.3	SR12	12/15/2018 11:41	21.79	80.2	5.82	2.4	SR12	12/15/2018 17:41	21.76	80.8	5.86	1.4	SR12	12/15/2018 23:41	21.78	79.5	5.77	1.5
SR12	12/15/2018 5:46	21.74	78.3	5.68	**14.4**	SR12	12/15/2018 11:46	21.82	80.3	5.83	3.2	SR12	12/15/2018 17:46	21.79	79.7	5.78	4.8	SR12	12/15/2018 23:46	21.78	80.0	5.80	3.4
SR12	12/15/2018 5:51	21.74	78.6	5.71	4.3	SR12	12/15/2018 11:51	21.81	80.2	5.81	**10.5**	SR12	12/15/2018 17:51	21.78	79.6	5.77	3.4	SR12	12/15/2018 23:51	21.79	79.2	5.74	4.6
SR12	12/15/2018 5:56	21.77	78.2	5.68	2.0	SR12	12/15/2018 11:56	21.80	80.5	5.84	8.3	SR12	12/15/2018 17:56	21.79	79.6	5.77	2.4	SR12	12/15/2018 23:56	21.78	79.7	5.78	4.1

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/15/2018 0:01	21.03	88.9	6.32	3.9	SR13	12/15/2018 6:00	20.97	88.1	6.26	4.0	SR13	12/15/2018 12:00	20.99	87.9	6.25	5.0	SR13	12/15/2018 18:00	21.02	90.1	6.40	4.8
SR13	12/15/2018 0:06	20.99	91.4	6.50	4.7	SR13	12/15/2018 6:05	21.01	89.1	6.33	5.8	SR13	12/15/2018 12:05	21.04	87.1	6.20	4.5	SR13	12/15/2018 18:05	20.98	88.2	6.27	5.4
SR13	12/15/2018 0:11	21.01	89.7	6.38	4.8	SR13	12/15/2018 6:10	20.99	88.9	6.31	5.0	SR13	12/15/2018 12:10	21.00	89.6	6.37	4.0	SR13	12/15/2018 18:10	21.05	86.5	6.22	5.0
SR13	12/15/2018 0:16	21.03	90.5	6.43	4.8	SR13	12/15/2018 6:15	21.00	86.2	6.13	5.3	SR13	12/15/2018 12:15	21.02	90.6	6.44	4.5	SR13	12/15/2018 18:15	21.00	88.4	6.35	5.3
SR13	12/15/2018 0:21	21.02	90.6	6.44	4.4	SR13	12/15/2018 6:20	20.96	88.0	6.26	4.9	SR13	12/15/2018 12:20	21.02	89.5	6.36	4.6	SR13	12/15/2018 18:20	21.04	87.5	6.29	5.2
SR13	12/15/2018 0:26	21.01	88.5	6.29	3.6	SR13	12/15/2018 6:25	20.98	89.2	6.34	5.4	SR13	12/15/2018 12:25	21.02	89.1	6.34	4.3	SR13	12/15/2018 18:25	21.03	87.9	6.32	4.4
SR13	12/15/2018 0:31	21.02	90.4	6.42	5.6	SR13	12/15/2018 6:30	20.99	88.3	6.27	8.1	SR13	12/15/2018 12:30	21.04	88.5	6.29	4.0	SR13	12/15/2018 18:30	21.03	86.7	6.23	4.6
SR13	12/15/2018 0:36	21.00	90.9	6.46	4.9	SR13	12/15/2018 6:35	20.98	89.5	6.36	4.4	SR13	12/15/2018 12:35	21.03	88.8	6.31	7.2	SR13	12/15/2018 18:35	21.05	87.0	6.25	3.8
SR13	12/15/2018 0:41	21.02	88.4	6.28	5.9	SR13	12/15/2018 6:40	21.02	85.1	6.05	3.9	SR13	12/15/2018 12:40	21.00	90.6	6.44	5.6	SR13	12/15/2018 18:40	21.02	88.1	6.33	3.7
SR13	12/15/2018 0:46	21.02	88.9	6.32	4.4	SR13	12/15/2018 6:45	20.97	89.2	6.34	5.7	SR13	12/15/2018 12:45	21.01	89.2	6.34	5.1	SR13	12/15/2018 18:45	20.98	87.5	6.29	4.3
SR13	12/15/2018 0:51	21.01	88.0	6.26	4.1	SR13	12/15/2018 6:50	20.99	89.4	6.35	5.5	SR13	12/15/2018 12:50	20.99	88.8	6.31	4.8	SR13	12/15/2018 18:50	21.03	85.3	6.14	4.1
SR13	12/15/2018 0:56	21.04	88.9	6.32	3.8	SR13	12/15/2018 6:55	20.97	88.1	6.26	4.7	SR13	12/15/2018 12:55	21.01	89.6	6.37	5.8	SR13	12/15/2018 18:55	21.05	86.5	6.22	4.4
SR13	12/15/2018 1:01	21.04	90.1	6.40	4.7	SR13	12/15/2018 7:00	20.99	89.2	6.34	3.8	SR13	12/15/2018 13:00	20.99	90.3	6.42	6.0	SR13	12/15/2018 19:00	20.98	87.2	6.27	3.7
SR13	12/15/2018 1:06	21.04	90.7	6.44	5.3	SR13	12/15/2018 7:05	21.01	88.3	6.28	5.1	SR13	12/15/2018 13:05	21.01	88.0	6.25	4.7	SR13	12/15/2018 19:05	21.04	86.9	6.25	4.1
SR13	12/15/2018 1:11	20.99	88.2	6.27	4.8	SR13	12/15/2018 7:10	21.00	87.4	6.21	4.8	SR13	12/15/2018 13:10	20.98	87.1	6.19	5.4	SR13	12/15/2018 19:10	21.03	87.0	6.25	4.7
SR13	12/15/2018 1:16	20.98	89.5	6.36	3.8	SR13	12/15/2018 7:15	20.98	89.1	6.33	3.8	SR13	12/15/2018 13:15	20.98	89.4	6.35	3.6	SR13	12/15/2018 19:15	21.05	88.1	6.33	4.3
SR13	12/15/2018 1:21	21.04	90.3	6.41	4.6	SR13	12/15/2018 7:20	20.99	88.0	6.26	5.5	SR13	12/15/2018 13:20	21.01	88.3	6.28	4.8	SR13	12/15/2018 19:20	21.03	86.5	6.22	4.0
SR13	12/15/2018 1:26	21.00	88.0	6.25	4.9	SR13	12/15/2018 7:25	20.98	89.5	6.36	3.3	SR13	12/15/2018 13:25	21.03	89.1	6.33	5.2	SR13	12/15/2018 19:25	21.01	88.0	6.33	5.0
SR13	12/15/2018 1:31	21.01	89.3	6.34	5.5	SR13	12/15/2018 7:30	21.01	87.5	6.22	6.1	SR13	12/15/2018 13:30	21.03	89.7	6.37	3.9	SR13	12/15/2018 19:30	21.01	86.9	6.25	5.0
SR13	12/15/2018 1:36	21.00	89.5	6.36	4.4	SR13	12/15/2018 7:35	20.99	87.7	6.24	4.6	SR13	12/15/2018 13:35	21.00	87.6	6.23	4.3	SR13	12/15/2018 19:35	20.99	86.6	6.24	5.8
SR13	12/15/2018 1:41	21.03	88.9	6.31	4.6	SR13	12/15/2018 7:40	21.01	87.7	6.23	6.3	SR13	12/15/2018 13:40	21.01	90.0	6.39	4.2	SR13	12/15/2018 19:40	21.02	86.4	6.19	4.1
SR13	12/15/2018 1:46	21.00	90.1	6.40	5.9	SR13	12/15/2018 7:45	20.96	89.4	6.35	3.6	SR13	12/15/2018 13:45	21.00	88.5	6.29	5.0	SR13	12/15/2018 19:45	21.00	86.7	6.21	4.4
SR13	12/15/2018 1:51	21.00	89.6	6.37	4.8	SR13	12/15/2018 7:50	20.96	88.0	6.26	4.9	SR13	12/15/2018 13:50	21.00	88.0	6.25	5.0	SR13	12/15/2018 19:50	21.05	86.6	6.22	5.1
SR13	12/15/2018 1:56	20.98	91.3	6.48	3.8	SR13	12/15/2018 7:55	20.97	89.0	6.32	5.4	SR13	12/15/2018 13:55	21.03	89.5	6.36	5.1	SR13	12/15/2018 19:55	21.02	86.9	6.24	5.7
SR13	12/15/2018 2:01	21.03	91.1	6.47	4.2	SR13	12/15/2018 8:00	20.99	88.8	6.30	3.4	SR13	12/15/2018 14:00	20.99	88.0	6.25	3.8	SR13	12/15/2018 20:00	20.99	86.9	6.24	5.6
SR13	12/15/2018 2:06	20.98	88.5	6.29	5.5	SR13	12/15/2018 8:05	21.01	88.4	6.28	3.7	SR13	12/15/2018 14:05	21.01	89.3	6.34	5.5	SR13	12/15/2018 20:05	20.99	87.7	6.31	2.8
SR13	12/15/2018 2:11	20.99	88.3	6.27	5.0	SR13	12/15/2018 8:10	20.96	88.1	6.26	4.0	SR13	12/15/2018 14:10	21.05	87.5	6.22	4.7	SR13	12/15/2018 20:10	21.00	87.7	6.31	4.6
SR13	12/15/2018 2:16	20.98	88.5	6.30	5.3	SR13	12/15/2018 8:15	20.97	87.5	6.22	3.6	SR13	12/15/2018 14:15	21.00	90.2	6.41	4.2	SR13	12/15/2018 20:15	21.00	86.3	6.20	3.9
SR13	12/15/2018 2:21	21.00	87.6	6.23	3.9	SR13	12/15/2018 8:20	20.97	87.0	6.18	5.3	SR13	12/15/2018 14:20	21.05	88.4	6.28	5.0	SR13	12/15/2018 20:20	21.00	88.0	6.32	5.4
SR13	12/15/2018 2:26	21.01	88.3	6.28	5.9	SR13	12/15/2018 8:25	20.96	89.5	6.36	5.5	SR13	12/15/2018 14:25	21.01	87.8	6.24	4.8	SR13	12/15/2018 20:25	21.01	86.8	6.24	4.4
SR13	12/15/2018 2:31	21.01	90.6	6.44	5.2	SR13	12/15/2018 8:30	20.95	87.6	6.23	3.5	SR13	12/15/2018 14:30	21.02	90.7	6.45	4.4	SR13	12/15/2018 20:30	21.05	86.0	6.18	3.6
SR13	12/15/2018 2:36	20.99	90.3	6.42	4.1	SR13	12/15/2018 8:35	20.97	86.9	6.17	5.5	SR13	12/15/2018 14:35	21.05	90.0	6.40	4.7	SR13	12/15/2018 20:35	21.01	87.3	6.27	4.3
SR13	12/15/2018 2:41	21.01	87.5	6.22	5.1	SR13	12/15/2018 8:40	20.99	87.3	6.20	5.0	SR13	12/15/2018 14:40	21.03	87.7	6.23	4.6	SR13	12/15/2018 20:40	21.01	88.0	6.33	5.8
SR13	12/15/2018 2:46	20.99	88.8	6.31	4.6	SR13	12/15/2018 8:45	20.98	89.0	6.33	4.0	SR13	12/15/2018 14:45	21.02	89.3	6.35	3.8	SR13	12/15/2018 20:45	21.04	88.7	6.37	3.7
SR13	12/15/2018 2:51	21.00	90.4	6.42	5.9	SR13	12/15/2018 8:50	20.96	88.0	6.25	3.3	SR13	12/15/2018 14:50	21.03	89.1	6.33	4.9	SR13	12/15/2018 20:50	21.00	86.2	6.20	5.2
SR13	12/15/2018 2:56	21.03	89.7	6.37	5.5	SR13	12/15/2018 8:55	20.97	87.5	6.22	4.6	SR13	12/15/2018 14:55	21.05	90.2	6.41	4.3	SR13	12/15/2018 20:55	21.03	86.0	6.18	4.3
SR13	12/15/2018 3:01	21.00	90.0	6.39	4.6	SR13	12/15/2018 9:00	20.99	86.3	6.13	4.6	SR13	12/15/2018 15:00	21.00	88.7	6.30	5.0	SR13	12/15/2018 21:00	21.02	86.2	6.20	4.4
SR13	12/15/2018 3:06	21.02	87.5	6.22	4.7	SR13	12/15/2018 9:05	20.95	90.2	6.41	4.2	SR13	12/15/2018 15:05	21.03	90.5	6.43	5.2	SR13	12/15/2018 21:05	21.04	87.4	6.28	4.9
SR13	12/15/2018 3:11	20.99	90.4	6.42	4.6	SR13	12/15/2018 9:10	20.97	89.2	6.34	4.4	SR13	12/15/2018 15:10	21.04	89.3	6.34	5.4	SR13	12/15/2018 21:10	21.03	87.3	6.28	2.8
SR13	12/15/2018 3:16	20.99	90.5	6.43	3.9	SR13	12/15/2018 9:15	21.00	89.9	6.39	5.1	SR13	12/15/2018 15:15	21.01	88.0	6.26	4.3	SR13	12/15/2018 21:15	21.02	87.2	6.27	3.5
SR13	12/15/2018 3:21	21.02	89.9	6.39	5.7	SR13	12/15/2018 9:20	20.96	87.7	6.24	5.2	SR13	12/15/2018 15:20	21.02	91.0	6.46	4.6	SR13	12/15/2018 21:20	21.02	85.4	6.14	3.4
SR13	12/15/2018 3:26	21.01	90.6	6.44	3.9	SR13	12/15/2018 9:25	20.97	88.5	6.29	4.9	SR13	12/15/2018 15:25	21.05	88.6	6.30	5.2	SR13	12/15/2018 21:25	21.03	88.7	6.38	4.7
SR13	12/15/2018 3:31	21.03	88.4	6.28	4.8	SR13	12/15/2018 9:30	20.95	89.5	6.36	5.2	SR13	12/15/2018 15:30	21.01	89.4	6.35	5.3	SR13	12/15/2018 21:30	21.04	86.4	6.21	3.5
SR13	12/15/2018 3:36	21.00	88.3	6.28	3.6	SR13	12/15/2018 9:35	20.96	87.8	6.24	5.0	SR13	12/15/2018 15:35	21.03	87.5	6.22	5.4	SR13	12/15/2018 21:35	21.02	87.6	6.29	4.4
SR13	12/15/2018 3:41	21.01	90.4	6.42	4.5	SR13	12/15/2018 9:40	20.96	90.0	6.40	4.5	SR13	12/15/2018 15:40	21.01	89.4	6.35	4.4	SR13	12/15/2018 21:40	21.02	87.5	6.29	4.2
SR13	12/15/2018 3:46	21.01	90.3	6.42	5.4	SR13	12/15/2018 9:45	20.99	88.7	6.31	5.2	SR13	12/15/2018 15:45	21.03	88.3	6.28	5.0	SR13	12/15/2018 21:45	21.04	87.1	6.26	4.3
SR13	12/15/2018 3:51	21.02	87.8	6.24	4.6	SR13	12/15/2018 9:50	20.98	89.2	6.34	5.0	SR13	12/15/2018 15:50	21.06	90.6	6.43	6.0	SR13	12/15/2018 21:50	21.03	85.2	6.12	4.6
SR13	12/15/2018 3:56	21.01	89.2	6.34	4.2	SR13	12/15/2018 9:55	21.00	89.4	6.36	4.1	SR13	12/15/2018 15:55	21.04	88.9	6.32	5.3	SR13	12/15/2018 21:55	21.05	86.1	6.16	5.3
SR13	12/15/2018 4:01	20.98	88.7	6.30	5.9	SR13	12/15/2018 10:00	20.95	88.0	6.26	5.8	SR13	12/15/2018 16:00	21.09	88.8	6.31	5.3	SR13	12/15/2018 22:00	20.99	85.1	6.10	5.4
SR13	12/15/2018 4:06	21.02	88.4	6.28	3.4	SR13	12/15/2018 10:05	20.99	89.7	6.38	5.1	SR13	12/15/2018 16:05	21.05	89.2	6.34	6.1	SR13	12/15/2018 22:05	20.99	87.0	6.23	4.8
SR13	12/15/2018 4:11	20.99	90.5	6.43	5.2	SR13	12/15/2018 10:10	21.00	89.7	6.38	3.9	SR13	12/15/2018 16:10	21.05	87.8	6.24	5.2	SR13	12/15/2018 22:10	21.06	86.1	6.17	3.3
SR13	12/15/2018 4:16	20.99	90.7	6.44	4.1	SR13	12/15/2018 10:15	20.99	87.7	6.23	6.1	SR13	12/15/2018 16:15	21.06	87.8	6.24	4.6	SR13	12/15/2018 22:15	21.01	87.9	6.32	5.2
SR13	12/15/2018 4:21	21.02	90.5	6.43	5.2	SR13	12/15/2018 10:20	21.01	89.3	6.35	5.8	SR13	12/15/2018 16:20	21.05	88.3	6.27	4.9	SR13	12/15/2018 22:20	21.00	88.0	6.33	3.7
SR13	12/15/2018 4:26	21.00	90.4	6.42	4.4	SR13	12/15/2018 10:25	20.97	87.9	6.25	5.1	SR13	12/15/2018 16:25	21.01	87.8	6.24	4.4	SR13	12/15/2018 22:25	21.00	85.9	6.18	3.8
SR13	12/15/2018 4:31	21.03	88.0	6.26	3.7	SR13	12/15/2018 10:30	20.99	89.6	6.36	5.3	SR13	12/15/2018 16:30	21.05	88.5	6.29	3.9	SR13	12/15/2018 22:30	21.04	87.7	6.30	3.1
SR13	12/15/2018 4:36	21.01	87.5	6.22	6.2	SR13	12/15/2018 10:35	21.00	89.5	6.36	4.2	SR13	12/15/2018 16:35	21.03	89.2	6.33	4.8	SR13	12/15/2018 22:35	21.04	88.1	6.33	4.7
SR13	12/15/2018 4:41	21.03	90.9	6.46	5.1	SR13	12/15/2018 10:40	20.98	87.4	6.22	6.4	SR13	12/15/2018 16:40	21.02	87.7	6.24	4.3	SR13	12/15/2018 22:40	21.03	88.2	6.34	4.4
SR13	12/15/2018 4:46	20.99	88.9	6.32	5.0	SR13	12/15/2018 10:45	20.96	90.4	6.43	4.8	SR13	12/15/2018 16:45	21.04	89.5	6.36	4.5	SR13	12/15/2018 22:45	21.02	86.2	6.19	3.3
SR13	12/15/2018 4:51	20.97	90.7	6.45	5.0	SR13	12/15/2018 10:50	20.98	89.6	6.37	5.0	SR13	12/15/2018 16:50	21.00	89.8	6.38	3.9	SR13	12/15/2018 22:50	21.05	86.3	6.20	3.4
SR13	12/15/2018 4:56	20.97	89.6	6.37	4.9	SR13	12/15/2018 10:55	20.99	87.9	6.25	4.4	SR13	12/15/2018 16:55	21.03	87.1	6.19	4.7	SR13	12/15/2018 22:55	21.03	87.7	6.30	5.0
SR13	12/15/2018 5:01	20.99	88.7	6.31	4.8	SR13	12/15/2018 11:00	20.97	88.8	6.31	5.5	SR13	12/15/2018 17:00	21.00	88.6	6.29	4.1	SR13	12/15/2018 23:00	21.02	88.1	6.33	4.4
SR13	12/15/2018 5:06	21.00	88.4	6.29	4.1	SR13	12/15/2018 11:05	20.97	90.1	6.40	4.3	SR13	12/15/2018 17:05	21.06	89.6	6.36	4.3	SR13	12/15/2018 23:05	21.01	87.1	6.25	4.0
SR13	12/15/2018 5:11	21.00	88.2	6.27	4.9	SR13	12/15/2018 11:10	20.99	89.4	6.35	4.6	SR13	12/15/2018 17:10	21.07	88.4	6.28	4.6	SR13	12/15/2018 23:10	21.06	87.2	6.27	4.1
SR13	12/15/2018 5:16	20.95	87.6	6.22	4.7	SR13	12/15/2018 11:15	21.02	89.3	6.34	6.1	SR13	12/15/2018 17:15	21.04	89.0	6.32	4.9	SR13	12/15/2018 23:15	21.00	87.9	6.32	3.7
SR13	12/15/2018 5:21	20.96	90.1	6.41	6.2	SR13	12/15/2018 11:20	20.98	89.0	6.32	4.9	SR13	12/15/2018 17:20	21.06	89.1	6.33	5.9	SR13	12/15/2018 23:20	21.03	87.7	6.30	3.7
SR13	12/15/2018 5:26	21.02	89.7	6.38	5.9	SR13	12/15/2018 11:25	21.00	88.9	6.32	4.6	SR13	12/15/2018 17:25	21.01	89.3	6.34	4.8	SR13	12/15/2018 23:25	21.04	87.8	6.31	5.7
SR13	12/15/2018 5:31	20.98	88.7	6.31	4.0	SR13	12/15/2018 11:30	20.99	87.9	6.25	4.4	SR13	12/15/2018 17:30	21.02	88.3	6.27	5.3	SR13	12/15/2018 23:30	21.00	86.7	6.23	5.2
SR13	12/15/2018 5:36	20.96	90.1	6.40	4.9	SR13	12/15/2018 11:35	21.02	87.1	6.19	4.3	SR13	12/15/2018 17:35	21.05	89.8	6.38	4.4	SR13	12/15/2018 23:35	21.02	87.5	6.28	5.1
SR13	12/15/2018 5:41	20.97	87.5	6.22	5.2	SR13	12/15/2018 11:40	21.00	87.7	6.24	5.0	SR13	12/15/2018 17:40	21.02	89.9	6.38	4.9	SR13	12/15/2018 23:40	21.03	88.0	6.33	4.8
SR13	12/15/2018 5:46	21.00	90.1	6.40	3.8	SR13	12/15/2018 11:45	21.02	87.0	6.19	5.1	SR13	12/15/2018 17:45	21.00	87.7	6.23	5.0	SR13	12/15/2018 23:45	21.05	87.5	6.29	4.8
SR13	12/15/2018 5:51	20.97	88.4	6.28	6.3	SR13	12/15/2018 11:50	21.02	89.2	6.34	5.0	SR13	12/15/2018 17:50	21.01	88.1	6.26	4.9	SR13	12/15/2018 23:50	21.02	85.8	6.17	4.3
SR13	12/15/2018 5:56	20.98	87.4	6.21	5.0	SR13	12/15/2018 11:55	21.03	89.2	6.34	5.1	SR13	12/15/2018 17:55	21.02	88.8	6.31	3.9	SR13	12/15/2018 23:55	21.04	85.5	6.15	4.9

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	12/15/2018 0:17	0.06				SR12	12/15/2018 0:17	0.09			
SR4	12/15/2018 0:37	0.09				SR12	12/15/2018 0:37	0.07			
SR4	12/15/2018 0:57	0.06				SR12	12/15/2018 0:57	0.07			
SR4	12/15/2018 1:17	0.08				SR12	12/15/2018 1:17	0.05			
SR4	12/15/2018 1:37	0.07				SR12	12/15/2018 1:37	0.05			
SR4	12/15/2018 1:57	0.07				SR12	12/15/2018 1:57	0.04			
SR4	12/15/2018 2:17	0.06				SR12	12/15/2018 2:17	0.08			
SR4	12/15/2018 2:37	0.08				SR12	12/15/2018 2:37	0.08			
SR4	12/15/2018 2:57	0.07				SR12	12/15/2018 2:57	0.06			
SR4	12/15/2018 3:17	0.08				SR12	12/15/2018 3:17	0.08			
SR4	12/15/2018 3:37	0.07				SR12	12/15/2018 3:37	0.04			
SR4	12/15/2018 3:57	0.09				SR12	12/15/2018 3:57	0.06			
SR4	12/15/2018 4:17	0.07				SR12	12/15/2018 4:17	0.09			
SR4	12/15/2018 4:37	0.09				SR12	12/15/2018 4:37	0.08			
SR4	12/15/2018 4:57	0.08				SR12	12/15/2018 4:57	0.04			
SR4	12/15/2018 5:17	0.06				SR12	12/15/2018 5:17	0.06			
SR4	12/15/2018 5:37	0.07				SR12	12/15/2018 5:37	0.06			
SR4	12/15/2018 5:57	0.06				SR12	12/15/2018 5:57	0.07			
SR4						SR12					
SR4	12/15/2018 6:37	0.08				SR12	12/15/2018 6:37	0.08			
SR4	12/15/2018 6:57	0.06				SR12	12/15/2018 6:57	0.08			
SR4	12/15/2018 7:17	0.06				SR12	12/15/2018 7:17	0.09			
SR4	12/15/2018 7:37	0.06				SR12	12/15/2018 7:37	0.10			
SR4	12/15/2018 7:57	0.08				SR12	12/15/2018 7:57	0.10			
SR4	12/15/2018 8:17	0.08				SR12	12/15/2018 8:17	0.11			
SR4	12/15/2018 8:37	0.08				SR12	12/15/2018 8:37	0.09			
SR4	12/15/2018 8:57	0.06				SR12	12/15/2018 8:57	0.07			
SR4	12/15/2018 9:17	0.07				SR12	12/15/2018 9:17	0.08			
SR4	12/15/2018 9:37	0.08				SR12	12/15/2018 9:37	0.08			
SR4	12/15/2018 9:57	0.07				SR12	12/15/2018 9:57	0.08			
SR4	12/15/2018 10:17	0.08				SR12	12/15/2018 10:17	0.07			
SR4	12/15/2018 10:37	0.08				SR12	12/15/2018 10:37	0.09			
SR4	12/15/2018 10:57	0.06				SR12	12/15/2018 10:57	0.07			
SR4	12/15/2018 11:17	0.07				SR12	12/15/2018 11:17	0.06			
SR4	12/15/2018 11:37	0.08				SR12	12/15/2018 11:37	0.08			
SR4	12/15/2018 11:57	0.09				SR12	12/15/2018 11:57	0.07			
SR4	12/15/2018 12:17	0.09				SR12	12/15/2018 12:17	0.07			
SR4	12/15/2018 12:37	0.08				SR12	12/15/2018 12:37	0.08			
SR4	12/15/2018 12:57	0.07				SR12	12/15/2018 12:57	0.06			
SR4	12/15/2018 13:17	0.08				SR12	12/15/2018 13:17	0.05			
SR4	12/15/2018 13:37	0.08				SR12	12/15/2018 13:37	0.07			
SR4	12/15/2018 13:57	0.06				SR12	12/15/2018 13:57	0.08			
SR4	12/15/2018 14:17	0.09				SR12	12/15/2018 14:17	0.06			
SR4	12/15/2018 14:37	0.08				SR12	12/15/2018 14:37	0.08			
SR4	12/15/2018 14:57	0.08				SR12	12/15/2018 14:57	0.09			
SR4	12/15/2018 15:17	0.07				SR12	12/15/2018 15:17	0.10			
SR4	12/15/2018 15:37	0.06				SR12	12/15/2018 15:37	0.10			
SR4	12/15/2018 15:57	0.08				SR12	12/15/2018 15:57	0.06			
SR4	12/15/2018 16:17	0.06				SR12	12/15/2018 16:17	0.07			
SR4	12/15/2018 16:37	0.07				SR12	12/15/2018 16:37	0.09			
SR4	12/15/2018 16:57	0.07				SR12	12/15/2018 16:57	0.09			
SR4	12/15/2018 17:17	0.07				SR12	12/15/2018 17:17	0.07			
SR4	12/15/2018 17:37	0.06				SR12	12/15/2018 17:37	0.09			
SR4	12/15/2018 17:57	0.06				SR12	12/15/2018 17:57	0.07			
SR4	12/15/2018 18:17	0.06				SR12	12/15/2018 18:17	0.06			
SR4	12/15/2018 18:37	0.07				SR12	12/15/2018 18:37	0.06			
SR4	12/15/2018 18:57	0.08				SR12	12/15/2018 18:57	0.06			
SR4	12/15/2018 19:17	0.08				SR12	12/15/2018 19:17	0.07			
SR4	12/15/2018 19:37	0.08				SR12	12/15/2018 19:37	0.09			
SR4	12/15/2018 19:57	0.07				SR12	12/15/2018 19:57	0.06			
SR4	12/15/2018 20:17	0.09				SR12	12/15/2018 20:17	0.09			
SR4	12/15/2018 20:37	0.07				SR12	12/15/2018 20:37	0.07			
SR4	12/15/2018 20:57	0.09				SR12	12/15/2018 20:57	0.06			
SR4	12/15/2018 21:17	0.07				SR12	12/15/2018 21:17	0.07			
SR4	12/15/2018 21:37	0.08				SR12	12/15/2018 21:37	0.08			
SR4	12/15/2018 21:57	0.09				SR12	12/15/2018 21:57	0.07			
SR4	12/15/2018 22:17	0.08				SR12	12/15/2018 22:17	0.07			
SR4	12/15/2018 22:37	0.08				SR12	12/15/2018 22:37	0.10			
SR4	12/15/2018 22:57	0.08				SR12	12/15/2018 22:57	0.07			
SR4	12/15/2018 23:17	0.07				SR12	12/15/2018 23:17	0.09			
SR4	12/15/2018 23:37	0.09				SR12	12/15/2018 23:37	0.06			
SR4	12/15/2018 23:57	0.07				SR12	12/15/2018 23:57	0.10			

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.

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/16/2018 0:01	21.06	78.5	5.77	2.8	SR4	12/16/2018 6:01	21.04	72.3	5.32	1.7	SR4	12/16/2018 12:01	20.99	79.3	5.83	2.5	SR4	12/16/2018 18:01	20.94	75.9	5.59	2.1
SR4	12/16/2018 0:06	21.06	78.1	5.74	1.8	SR4	12/16/2018 6:06	21.02	75.5	5.56	1.3	SR4	12/16/2018 12:06	20.99	79.3	5.84	2.8	SR4	12/16/2018 18:06	20.96	75.8	5.59	3.4
SR4	12/16/2018 0:11	21.06	77.6	5.71	1.7	SR4	12/16/2018 6:11	21.02	76.8	5.65	2.0	SR4	12/16/2018 12:11	21.05	76.6	5.63	1.9	SR4	12/16/2018 18:11	20.96	75.8	5.59	3.2
SR4	12/16/2018 0:16	21.06	77.6	5.71	1.5	SR4	12/16/2018 6:16	21.03	75.8	5.58	1.9	SR4	12/16/2018 12:16	21.03	78.0	5.74	3.7	SR4	12/16/2018 18:16	20.95	76.0	5.60	3.0
SR4	12/16/2018 0:21	21.06	77.8	5.72	1.8	SR4	12/16/2018 6:21	21.02	75.5	5.55	1.7	SR4	12/16/2018 12:21	21.01	78.9	5.81	2.2	SR4	12/16/2018 18:21	20.95	75.2	5.54	3.0
SR4	12/16/2018 0:26	21.05	77.6	5.71	3.0	SR4	12/16/2018 6:26	21.03	76.5	5.63	1.0	SR4	12/16/2018 12:26	21.00	79.2	5.83	1.8	SR4	12/16/2018 18:26	20.97	73.4	5.40	2.7
SR4	12/16/2018 0:31	21.05	78.2	5.75	2.1	SR4	12/16/2018 6:31	21.02	76.9	5.66	1.2	SR4	12/16/2018 12:31	20.99	79.3	5.84	2.8	SR4	12/16/2018 18:31	20.96	75.1	5.53	3.8
SR4	12/16/2018 0:36	21.05	79.1	5.81	1.4	SR4	12/16/2018 6:36	21.02	74.2	5.46	3.4	SR4	12/16/2018 12:36	20.98	78.7	5.80	2.5	SR4	12/16/2018 18:36	20.96	75.2	5.54	2.7
SR4	12/16/2018 0:41	21.02	77.5	5.71	1.7	SR4	12/16/2018 6:41	21.02	73.2	5.39	1.2	SR4	12/16/2018 12:41	20.98	79.0	5.82	2.4	SR4	12/16/2018 18:41	20.95	73.6	5.42	2.6
SR4	12/16/2018 0:46	21.05	66.0	4.86	1.0	SR4	12/16/2018 6:46	21.01	73.5	5.41	4.2	SR4	12/16/2018 12:46	20.98	78.1	5.75	2.4	SR4	12/16/2018 18:46	20.97	74.4	5.48	2.3
SR4	12/16/2018 0:51	21.08	68.1	5.01	5.0	SR4	12/16/2018 6:51	20.99	76.1	5.60	1.1	SR4	12/16/2018 12:51	20.97	78.7	5.80	2.9	SR4	12/16/2018 18:51	20.97	74.1	5.46	2.4
SR4	12/16/2018 0:56	21.09	70.4	5.18	1.1	SR4	12/16/2018 6:56	20.94	75.3	5.55	3.6	SR4	12/16/2018 12:56	20.98	78.5	5.79	2.0	SR4	12/16/2018 18:56	20.98	72.7	5.36	1.8
SR4	12/16/2018 1:01	21.08	66.8	4.92	1.1	SR4	12/16/2018 7:01	20.97	76.1	5.60	1.1	SR4	12/16/2018 13:01	20.96	79.0	5.82	4.6	SR4	12/16/2018 19:01	20.99	73.7	5.43	1.9
SR4	12/16/2018 1:06	21.09	70.1	5.16	4.3	SR4	12/16/2018 7:06	20.98	75.3	5.54	1.7	SR4	12/16/2018 13:06	20.97	79.0	5.82	2.9	SR4	12/16/2018 19:06	20.99	72.9	5.37	2.3
SR4	12/16/2018 1:11	21.09	70.4	5.18	3.6	SR4	12/16/2018 7:11	21.00	76.2	5.61	4.2	SR4	12/16/2018 13:11	20.98	78.5	5.78	2.7	SR4	12/16/2018 19:11	20.97	72.4	5.33	1.6
SR4	12/16/2018 1:16	21.09	69.7	5.13	4.0	SR4	12/16/2018 7:16	20.98	77.2	5.68	1.9	SR4	12/16/2018 13:16	20.98	78.4	5.78	3.5	SR4	12/16/2018 19:16	20.98	72.0	5.30	2.1
SR4	12/16/2018 1:21	21.08	72.2	5.31	1.2	SR4	12/16/2018 7:21	20.98	75.9	5.59	1.2	SR4	12/16/2018 13:21	20.98	78.1	5.75	2.6	SR4	12/16/2018 19:21	20.95	72.0	5.31	1.5
SR4	12/16/2018 1:26	21.06	74.0	5.44	1.2	SR4	12/16/2018 7:26	20.95	77.0	5.68	2.0	SR4	12/16/2018 13:26	20.98	78.6	5.79	3.1	SR4	12/16/2018 19:26	20.95	67.8	5.00	3.4
SR4	12/16/2018 1:31	21.07	74.2	5.46	1.2	SR4	12/16/2018 7:31	20.92	76.8	5.67	1.3	SR4	12/16/2018 13:31	20.99	78.5	5.78	3.3	SR4	12/16/2018 19:31	20.98	70.2	5.17	1.8
SR4	12/16/2018 1:36	21.07	74.4	5.47	1.2	SR4	12/16/2018 7:36	20.96	75.9	5.60	1.3	SR4	12/16/2018 13:36	20.98	78.7	5.80	4.4	SR4	12/16/2018 19:36	20.98	74.0	5.45	3.2
SR4	12/16/2018 1:41	21.07	75.8	5.58	1.2	SR4	12/16/2018 7:41	20.95	75.0	5.53	1.1	SR4	12/16/2018 13:41	20.99	78.6	5.79	5.4	SR4	12/16/2018 19:41	20.98	73.8	5.43	2.2
SR4	12/16/2018 1:46	21.07	75.3	5.54	1.0	SR4	12/16/2018 7:46	20.94	76.4	5.63	1.7	SR4	12/16/2018 13:46	20.99	78.3	5.77	4.2	SR4	12/16/2018 19:46	20.98	76.0	5.60	2.8
SR4	12/16/2018 1:51	21.07	74.9	5.51	1.2	SR4	12/16/2018 7:51	20.98	77.0	5.67	2.1	SR4	12/16/2018 13:51	20.99	78.3	5.76	5.6	SR4	12/16/2018 19:51	20.97	76.2	5.62	2.0
SR4	12/16/2018 1:56	21.06	75.6	5.56	1.1	SR4	12/16/2018 7:56	20.97	76.6	5.64	4.0	SR4	12/16/2018 13:56	20.99	79.3	5.84	7.0	SR4	12/16/2018 19:56	20.97	77.2	5.68	1.9
SR4	12/16/2018 2:01	21.07	75.8	5.57	1.3	SR4	12/16/2018 8:01	21.01	74.3	5.47	2.2	SR4	12/16/2018 14:01	21.00	78.1	5.75	5.1	SR4	12/16/2018 20:01	20.97	76.3	5.62	2.1
SR4	12/16/2018 2:06	21.06	76.4	5.62	1.2	SR4	12/16/2018 8:06	20.96	75.0	5.52	3.2	SR4	12/16/2018 14:06	21.00	77.9	5.74	5.9	SR4	12/16/2018 20:06	20.96	77.6	5.72	6.4
SR4	12/16/2018 2:11	21.06	76.7	5.64	1.4	SR4	12/16/2018 8:11	21.04	72.9	5.36	2.0	SR4	12/16/2018 14:11	21.00	78.2	5.76	5.8	SR4	12/16/2018 20:11	20.95	78.2	5.76	2.5
SR4	12/16/2018 2:16	21.06	76.6	5.64	1.1	SR4	12/16/2018 8:16	21.06	72.4	5.33	1.5	SR4	12/16/2018 14:16	21.00	78.5	5.78	5.6	SR4	12/16/2018 20:16	20.94	78.4	5.78	2.0
SR4	12/16/2018 2:21	21.06	77.1	5.67	1.3	SR4	12/16/2018 8:21	21.04	74.2	5.46	2.8	SR4	12/16/2018 14:21	21.00	78.1	5.75	4.8	SR4	12/16/2018 20:21	20.90	76.8	5.67	1.8
SR4	12/16/2018 2:26	21.06	76.4	5.62	1.7	SR4	12/16/2018 8:26	21.03	76.0	5.59	4.1	SR4	12/16/2018 14:26	21.00	78.3	5.76	4.0	SR4	12/16/2018 20:26	20.92	77.0	5.67	1.7
SR4	12/16/2018 2:31	21.06	76.8	5.65	1.4	SR4	12/16/2018 8:31	21.01	78.5	5.77	4.1	SR4	12/16/2018 14:31	21.00	78.0	5.75	3.9	SR4	12/16/2018 20:31	20.93	76.4	5.63	1.6
SR4	12/16/2018 2:36	21.05	77.2	5.68	1.2	SR4	12/16/2018 8:36	21.05	76.3	5.61	3.6	SR4	12/16/2018 14:36	20.98	78.2	5.76	2.7	SR4	12/16/2018 20:36	20.90	74.7	5.51	1.6
SR4	12/16/2018 2:41	21.04	75.8	5.57	2.0	SR4	12/16/2018 8:41	20.99	79.3	5.84	4.7	SR4	12/16/2018 14:41	21.01	78.1	5.75	2.6	SR4	12/16/2018 20:41	20.92	75.8	5.59	1.6
SR4	12/16/2018 2:46	21.05	75.6	5.56	1.4	SR4	12/16/2018 8:46	21.04	79.7	5.86	4.1	SR4	12/16/2018 14:46	21.01	77.4	5.70	4.5	SR4	12/16/2018 20:46	20.91	74.0	5.46	1.1
SR4	12/16/2018 2:51	21.05	76.4	5.62	1.7	SR4	12/16/2018 8:51	21.04	79.0	5.81	4.4	SR4	12/16/2018 14:51	21.00	78.3	5.77	4.4	SR4	12/16/2018 20:51	20.92	71.6	5.28	5.1
SR4	12/16/2018 2:56	21.05	75.1	5.52	5.0	SR4	12/16/2018 8:56	21.03	79.4	5.84	3.9	SR4	12/16/2018 14:56	21.03	77.7	5.72	3.0	SR4	12/16/2018 20:56	20.94	73.0	5.38	1.1
SR4	12/16/2018 3:01	21.04	76.0	5.59	4.9	SR4	12/16/2018 9:01	20.99	79.7	5.87	4.8	SR4	12/16/2018 15:01	21.00	77.8	5.73	4.2	SR4	12/16/2018 21:01	20.96	75.7	5.57	1.0
SR4	12/16/2018 3:06	21.04	76.1	5.60	1.2	SR4	12/16/2018 9:06	20.99	79.9	5.88	5.3	SR4	12/16/2018 15:06	21.00	78.2	5.76	3.4	SR4	12/16/2018 21:06	20.96	75.8	5.58	1.1
SR4	12/16/2018 3:11	21.03	77.0	5.67	1.8	SR4	12/16/2018 9:11	20.98	81.0	5.97	4.6	SR4	12/16/2018 15:11	21.00	78.0	5.74	3.1	SR4	12/16/2018 21:11	20.97	72.6	5.34	1.3
SR4	12/16/2018 3:16	21.04	76.7	5.64	1.1	SR4	12/16/2018 9:16	20.98	81.2	5.97	4.8	SR4	12/16/2018 15:16	21.01	77.3	5.69	3.8	SR4	12/16/2018 21:16	20.96	75.1	5.53	1.1
SR4	12/16/2018 3:21	21.04	74.9	5.51	1.4	SR4	12/16/2018 9:21	20.99	81.3	5.98	3.8	SR4	12/16/2018 15:21	21.00	77.6	5.72	4.2	SR4	12/16/2018 21:21	20.97	74.3	5.47	1.6
SR4	12/16/2018 3:26	21.04	74.6	5.49	4.7	SR4	12/16/2018 9:26	21.02	80.6	5.93	4.2	SR4	12/16/2018 15:26	21.01	77.4	5.70	3.3	SR4	12/16/2018 21:26	20.96	74.9	5.52	1.4
SR4	12/16/2018 3:31	21.04	73.4	5.40	1.4	SR4	12/16/2018 9:31	21.01	80.5	5.92	3.3	SR4	12/16/2018 15:31	21.00	77.7	5.72	3.2	SR4	12/16/2018 21:31	20.97	75.3	5.55	1.3
SR4	12/16/2018 3:36	21.01	75.3	5.54	1.0	SR4	12/16/2018 9:36	21.13	75.7	5.56	2.5	SR4	12/16/2018 15:36	21.00	77.3	5.69	3.7	SR4	12/16/2018 21:36	20.98	72.1	5.31	4.1
SR4	12/16/2018 3:41	21.01	76.2	5.61	3.3	SR4	12/16/2018 9:41	21.10	76.2	5.60	3.1	SR4	12/16/2018 15:41	21.00	77.0	5.67	3.8	SR4	12/16/2018 21:41	20.96	75.8	5.59	1.9
SR4	12/16/2018 3:46	21.02	75.4	5.55	1.0	SR4	12/16/2018 9:46	21.00	80.6	5.93	3.6	SR4	12/16/2018 15:46	21.00	77.3	5.69	3.5	SR4	12/16/2018 21:46	20.96	75.5	5.56	1.5
SR4	12/16/2018 3:51	21.02	75.0	5.52	3.4	SR4	12/16/2018 9:51	20.99	81.2	5.98	4.7	SR4	12/16/2018 15:51	21.00	76.8	5.66	4.0	SR4	12/16/2018 21:51	20.96	75.8	5.59	1.2
SR4	12/16/2018 3:56	21.02	76.1	5.60	4.8	SR4	12/16/2018 9:56	21.03	78.5	5.78	4.6	SR4	12/16/2018 15:56	21.00	77.3	5.69	3.7	SR4	12/16/2018 21:56	20.96	74.8	5.51	3.1
SR4	12/16/2018 4:01	21.01	76.1	5.60	1.3	SR4	12/16/2018 10:01	21.04	76.5	5.63	1.9	SR4	12/16/2018 16:01	21.00	77.0	5.67	4.6	SR4	12/16/2018 22:01	20.96	74.1	5.46	4.7
SR4	12/16/2018 4:06	21.02	74.8	5.50	3.6	SR4	12/16/2018 10:06	21.04	78.9	5.80	6.7	SR4	12/16/2018 16:06	21.00	77.3	5.69	4.6	SR4	12/16/2018 22:06	20.97	72.6	5.35	2.5
SR4	12/16/2018 4:11	21.02	76.2	5.61	2.3	SR4	12/16/2018 10:11	21.09	76.0	5.59	1.9	SR4	12/16/2018 16:11	21.00	77.7	5.72	4.7	SR4	12/16/2018 22:11	20.96	74.5	5.49	2.2
SR4	12/16/2018 4:16	21.02	75.4	5.55	1.9	SR4	12/16/2018 10:16	21.03	78.1	5.74	2.8	SR4	12/16/2018 16:16	21.00	77.2	5.69	3.4	SR4	12/16/2018 22:16	20.95	75.3	5.55	3.2
SR4	12/16/2018 4:21	21.02	75.4	5.55	4.1	SR4	12/16/2018 10:21	21.03	78.1	5.75	2.1	SR4	12/16/2018 16:21	21.00	77.2	5.69	3.8	SR4	12/16/2018 22:21	20.95	72.1	5.31	2.1
SR4	12/16/2018 4:26	21.02	76.3	5.61	1.0	SR4	12/16/2018 10:26	21.02	78.6	5.78	5.3	SR4	12/16/2018 16:26	21.00	77.5	5.70	4.0	SR4	12/16/2018 22:26	20.94	72.4	5.33	4.8
SR4	12/16/2018 4:31	21.03	74.6	5.49	1.1	SR4	12/16/2018 10:31	21.00	78.7	5.79	6.9	SR4	12/16/2018 16:31	21.00	77.4	5.70	5.1	SR4	12/16/2018 22:31	20.93	73.8	5.44	2.8
SR4	12/16/2018 4:36	21.03	75.4	5.55	1.0	SR4	12/16/2018 10:36	20.98	80.7	5.94	6.6	SR4	12/16/2018 16:36	21.00	77.0	5.67	3.1	SR4	12/16/2018 22:36	20.93	73.4	5.41	4.5
SR4	12/16/2018 4:41	21.03	74.7	5.50	1.6	SR4	12/16/2018 10:41	20.98	80.7	5.94	5.5	SR4	12/16/2018 16:41	20.99	77.1	5.68	3.5	SR4	12/16/2018 22:41	20.92	74.2	5.47	2.1
SR4	12/16/2018 4:46	21.03	73.1	5.38	5.3	SR4	12/16/2018 10:46	21.00	80.1	5.90	5.0	SR4	12/16/2018 16:46	20.99	76.8	5.65	3.6	SR4	12/16/2018 22:46	20.94	72.3	5.33	5.1
SR4	12/16/2018 4:51	21.03	68.1	5.01	1.1	SR4	12/16/2018 10:51	21.00	79.7	5.87	4.8	SR4	12/16/2018 16:51	20.99	77.2	5.68	3.3	SR4	12/16/2018 22:51	20.93	73.1	5.39	1.0
SR4	12/16/2018 4:56	21.00	75.9	5.59	2.5	SR4	12/16/2018 10:56	21.00	80.0	5.89	5.1	SR4	12/16/2018 16:56	20.99	77.0	5.67	3.7	SR4	12/16/2018 22:56	20.92	74.9	5.53	1.9
SR4	12/16/2018 5:01	21.00	75.1	5.53	1.2	SR4	12/16/2018 11:01	20.98	79.9	5.88	4.8	SR4	12/16/2018 17:01	20.99	77.0	5.67	4.6	SR4	12/16/2018 23:01	20.93	75.1	5.54	1.1
SR4	12/16/2018 5:06	21.00	76.0	5.60	3.8	SR4	12/16/2018 11:06	21.02	78.1	5.75	3.6	SR4	12/16/2018 17:06	20.99	77.1	5.68	3.7	SR4	12/16/2018 23:06	20.93	74.3	5.48	4.3
SR4	12/16/2018 5:11	21.00	74.7	5.50	1.2	SR4	12/16/2018 11:11	21.03	79.3	5.83	9.8	SR4	12/16/2018 17:11	20.99	76.7	5.65	3.0	SR4	12/16/2018 23:11	20.94	72.9	5.37	4.8
SR4	12/16/2018 5:16	21.01	74.0	5.45	3.6	SR4	12/16/2018 11:16	21.00	76.1	5.60	2.2	SR4	12/16/2018 17:16	20.99	76.8	5.65	6.6	SR4	12/16/2018 23:16	20.94	75.1	5.53	5.0
SR4	12/16/2018 5:21	21.02	73.1	5.38	3.3	SR4	12/16/2018 11:21	21.03	76.8	5.65	3.0	SR4	12/16/2018 17:21	20.99	75.5	5.56	2.6	SR4	12/16/2018 23:21	20.94	76.4	5.63	1.3
SR4	12/16/2018 5:26	21.02	73.8	5.43	4.2	SR4	12/16/2018 11:26	21.02	77.3	5.69	3.3	SR4	12/16/2018 17:26	20.98	75.2	5.54	2.5	SR4	12/16/2018 23:26	20.94	75.7	5.58	1.5
SR4	12/16/2018 5:31	21.03	72.4	5.33	1.0	SR4	12/16/2018 11:31	21.03	77.1	5.67	3.3	SR4	12/16/2018 17:31	20.99	75.9	5.59	3.5	SR4	12/16/2018 23:31	20.94	76.0	5.60	1.5
SR4	12/16/2018 5:36	21.03	71.8	5.28	2.6	SR4	12/16/2018 11:36	21.02	76.9	5.66	2.6	SR4	12/16/2018 17:36	20.97	75.3	5.54	2.6	SR4	12/16/2018 23:36	20.94	75.6	5.57	1.8
SR4	12/16/2018 5:41	21.03	72.6	5.34	1.9	SR4	12/16/2018 11:41	21.02	77.0	5.67	3.5	SR4	12/16/2018 17:41	20.98	75.9	5.59	3.4	SR4	12/16/2018 23:41	20.94	77.5	5.71	1.7
SR4	12/16/2018 5:46	21.03	73.2	5.39	2.5	SR4	12/16/2018 11:46	21.01	78.2	5.76	3.8	SR4	12/16/2018 17:46	20.98	75.9	5.59	3.4	SR4	12/16/2018 23:46	20.94	78.0	5.74	2.0
SR4	12/16/2018 5:51	21.04	72.7	5.35	2.3	SR4	12/16/2018 11:51	20.97	79.6	5.86	3.5	SR4	12/16/2018 17:51	20.96	75.3	5.55	2.7	SR4	12/16/2018 23:51	20.94	77.9	5.74	1.8
SR4	12/16/2018 5:56	21.03	72.6	5.34	1.2	SR4	12/16/2018 11:56	20.96	79.8	5.88	2.1	SR4	12/16/2018 17:56	20.94	74.5	5.49	2.5	SR4	12/16/2018 23:56	20.94	78.0	5.75	2.3

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/15/2018 0:00	21.36	84.5	6.10	4.0	SR5	12/16/2018 6:00	21.30	82.3	5.94	3.2	SR5	12/16/2018 12:00	21.27	84.4	6.10	7.3	SR5	12/16/2018 18:00	21.28	84.6	6.11	4.6
SR5	12/16/2018 0:05	21.36	85.5	6.17	4.2	SR5	12/16/2018 6:05	21.33	84.0	6.06	3.5	SR5	12/16/2018 12:05	21.28	85.3	6.16	2.8	SR5	12/16/2018 18:05	21.28	85.6	6.18	4.8
SR5	12/16/2018 0:10	21.35	85.2	6.15	2.6	SR5	12/16/2018 6:10	21.32	85.6	6.18	3.1	SR5	12/16/2018 12:10	21.27	85.8	6.19	2.3	SR5	12/16/2018 18:10	21.28	83.5	6.03	4.5
SR5	12/16/2018 0:15	21.34	84.2	6.08	3.8	SR5	12/16/2018 6:15	21.32	84.7	6.12	2.2	SR5	12/16/2018 12:15	21.27	85.3	6.16	4.9	SR5	12/16/2018 18:15	21.28	85.6	6.18	4.2
SR5	12/16/2018 0:20	21.36	86.3	6.23	3.8	SR5	12/16/2018 6:20	21.32	83.1	6.00	4.7	SR5	12/16/2018 12:20	21.27	85.1	6.14	2.7	SR5	12/16/2018 18:20	21.28	85.3	6.16	3.1
SR5	12/16/2018 0:25	21.35	85.2	6.15	4.1	SR5	12/16/2018 6:25	21.32	84.3	6.09	2.7	SR5	12/16/2018 12:25	21.27	85.4	6.17	3.2	SR5	12/16/2018 18:25	21.28	83.6	6.03	3.3
SR5	12/16/2018 0:30	21.34	84.5	6.10	3.5	SR5	12/16/2018 6:30	21.33	83.4	6.02	3.7	SR5	12/16/2018 12:30	21.28	84.6	6.11	4.1	SR5	12/16/2018 18:30	21.28	85.2	6.15	4.7
SR5	12/16/2018 0:35	21.35	84.1	6.07	2.7	SR5	12/16/2018 6:35	21.32	83.2	6.01	5.4	SR5	12/16/2018 12:35	21.28	84.4	6.10	2.7	SR5	12/16/2018 18:35	21.27	84.2	6.08	5.2
SR5	12/16/2018 0:40	21.34	84.4	6.09	4.4	SR5	12/16/2018 6:40	21.32	82.6	5.97	2.2	SR5	12/16/2018 12:40	21.27	86.4	6.24	3.1	SR5	12/16/2018 18:40	21.27	83.2	6.00	4.7
SR5	12/16/2018 0:45	21.36	81.2	5.86	3.3	SR5	12/16/2018 6:45	21.32	83.7	6.05	3.8	SR5	12/16/2018 12:45	21.28	83.9	6.06	3.8	SR5	12/16/2018 18:45	21.28	83.8	6.05	4.7
SR5	12/16/2018 0:50	21.35	82.7	5.97	3.6	SR5	12/16/2018 6:50	21.32	83.2	6.01	4.9	SR5	12/16/2018 12:50	21.28	84.5	6.11	4.3	SR5	12/16/2018 18:50	21.28	83.2	6.01	4.5
SR5	12/16/2018 0:55	21.35	84.4	6.09	4.4	SR5	12/16/2018 6:55	21.32	84.6	6.11	3.4	SR5	12/16/2018 12:55	21.28	86.1	6.22	4.0	SR5	12/16/2018 18:55	21.27	83.2	6.01	4.7
SR5	12/16/2018 1:00	21.35	83.9	6.06	1.8	SR5	12/16/2018 7:00	21.32	84.2	6.08	3.8	SR5	12/16/2018 13:00	21.28	86.5	6.25	3.0	SR5	12/16/2018 19:00	21.28	83.2	6.00	4.1
SR5	12/16/2018 1:05	21.35	82.6	5.96	4.3	SR5	12/16/2018 7:05	21.31	83.7	6.05	2.3	SR5	12/16/2018 13:05	21.28	84.6	6.11	3.4	SR5	12/16/2018 19:05	21.26	84.1	6.07	2.0
SR5	12/16/2018 1:10	21.35	84.0	6.06	5.2	SR5	12/16/2018 7:10	21.32	85.1	6.15	2.6	SR5	12/16/2018 13:10	21.28	85.2	6.15	2.8	SR5	12/16/2018 19:10	21.28	82.8	5.98	1.9
SR5	12/16/2018 1:15	21.36	84.3	6.09	4.5	SR5	12/16/2018 7:15	21.31	83.0	5.99	3.6	SR5	12/16/2018 13:15	21.28	86.0	6.21	2.8	SR5	12/16/2018 19:15	21.28	84.1	6.07	3.8
SR5	12/16/2018 1:20	21.36	84.8	6.12	3.5	SR5	12/16/2018 7:20	21.31	83.2	6.01	4.2	SR5	12/16/2018 13:20	21.28	86.2	6.22	4.1	SR5	12/16/2018 19:20	21.27	82.9	5.99	2.9
SR5	12/16/2018 1:25	21.35	85.8	6.19	3.3	SR5	12/16/2018 7:25	21.30	85.8	6.20	2.2	SR5	12/16/2018 13:25	21.28	85.9	6.20	3.6	SR5	12/16/2018 19:25	21.26	82.5	5.96	3.3
SR5	12/16/2018 1:30	21.35	85.1	6.14	2.5	SR5	12/16/2018 7:30	21.31	85.2	6.16	3.8	SR5	12/16/2018 13:30	21.28	86.5	6.24	3.1	SR5	12/16/2018 19:30	21.27	83.6	6.04	3.9
SR5	12/16/2018 1:35	21.35	84.6	6.11	3.0	SR5	12/16/2018 7:35	21.30	84.1	6.07	4.1	SR5	12/16/2018 13:35	21.29	86.4	6.24	4.7	SR5	12/16/2018 19:35	21.27	83.7	6.04	3.4
SR5	12/16/2018 1:40	21.35	84.3	6.09	2.7	SR5	12/16/2018 7:40	21.30	85.2	6.15	3.8	SR5	12/16/2018 13:40	21.29	85.7	6.19	4.8	SR5	12/16/2018 19:40	21.27	84.5	6.10	3.9
SR5	12/16/2018 1:45	21.35	85.6	6.18	2.4	SR5	12/16/2018 7:45	21.28	83.3	6.02	4.1	SR5	12/16/2018 13:45	21.29	84.6	6.11	2.9	SR5	12/16/2018 19:45	21.27	83.9	6.06	4.4
SR5	12/16/2018 1:50	21.35	84.0	6.07	2.5	SR5	12/16/2018 7:50	21.26	84.9	6.13	2.9	SR5	12/16/2018 13:50	21.30	85.8	6.19	4.0	SR5	12/16/2018 19:50	21.26	85.4	6.17	2.2
SR5	12/16/2018 1:55	21.35	84.0	6.06	3.7	SR5	12/16/2018 7:55	21.26	85.5	6.18	2.9	SR5	12/16/2018 13:55	21.30	84.1	6.08	6.3	SR5	12/16/2018 19:55	21.27	86.1	6.21	2.4
SR5	12/16/2018 2:00	21.34	84.8	6.12	2.5	SR5	12/16/2018 8:00	21.25	83.6	6.04	4.0	SR5	12/16/2018 14:00	21.30	86.1	6.22	4.9	SR5	12/16/2018 20:00	21.28	84.0	6.06	4.3
SR5	12/16/2018 2:05	21.34	86.3	6.23	3.2	SR5	12/16/2018 8:05	21.28	84.7	6.11	4.6	SR5	12/16/2018 14:05	21.30	84.4	6.10	3.2	SR5	12/16/2018 20:05	21.27	86.0	6.21	5.9
SR5	12/16/2018 2:10	21.34	85.0	6.13	3.7	SR5	12/16/2018 8:10	21.30	84.8	6.12	3.0	SR5	12/16/2018 14:10	21.30	85.1	6.14	3.1	SR5	12/16/2018 20:10	21.27	84.9	6.13	2.7
SR5	12/16/2018 2:15	21.33	84.1	6.08	2.8	SR5	12/16/2018 8:15	21.30	82.6	5.96	3.5	SR5	12/16/2018 14:15	21.30	84.2	6.08	4.2	SR5	12/16/2018 20:15	21.27	86.6	6.26	3.6
SR5	12/16/2018 2:20	21.35	85.2	6.15	3.8	SR5	12/16/2018 8:20	21.26	84.5	6.10	3.0	SR5	12/16/2018 14:20	21.30	84.7	6.12	4.9	SR5	12/16/2018 20:20	21.25	84.8	6.13	4.3
SR5	12/16/2018 2:25	21.34	83.8	6.05	4.5	SR5	12/16/2018 8:25	21.27	83.6	6.04	4.6	SR5	12/16/2018 14:25	21.30	86.4	6.24	3.5	SR5	12/16/2018 20:25	21.26	84.0	6.07	3.1
SR5	12/16/2018 2:30	21.35	86.4	6.24	3.6	SR5	12/16/2018 8:30	21.25	84.5	6.11	3.4	SR5	12/16/2018 14:30	21.30	84.3	6.09	4.2	SR5	12/16/2018 20:30	21.27	85.1	6.15	4.6
SR5	12/16/2018 2:35	21.35	86.3	6.23	3.6	SR5	12/16/2018 8:35	21.25	85.5	6.17	4.2	SR5	12/16/2018 14:35	21.29	85.9	6.20	2.9	SR5	12/16/2018 20:35	21.27	85.4	6.17	4.0
SR5	12/16/2018 2:40	21.34	84.1	6.07	4.1	SR5	12/16/2018 8:40	21.26	84.2	6.08	3.3	SR5	12/16/2018 14:40	21.30	85.5	6.18	3.2	SR5	12/16/2018 20:40	21.26	83.6	6.04	2.4
SR5	12/16/2018 2:45	21.34	84.0	6.07	3.1	SR5	12/16/2018 8:45	21.26	85.4	6.17	5.1	SR5	12/16/2018 14:45	21.29	85.0	6.14	3.7	SR5	12/16/2018 20:45	21.26	83.3	6.02	4.0
SR5	12/16/2018 2:50	21.34	83.8	6.05	4.4	SR5	12/16/2018 8:50	21.25	86.0	6.21	4.9	SR5	12/16/2018 14:50	21.29	84.1	6.08	3.4	SR5	12/16/2018 20:50	21.26	83.5	6.03	3.5
SR5	12/16/2018 2:55	21.34	85.9	6.20	3.9	SR5	12/16/2018 8:55	21.26	84.5	6.10	5.3	SR5	12/16/2018 14:55	21.29	84.4	6.10	3.3	SR5	12/16/2018 20:55	21.25	84.0	6.07	3.4
SR5	12/16/2018 3:00	21.34	83.6	6.04	4.9	SR5	12/16/2018 9:00	21.28	84.7	6.12	3.0	SR5	12/16/2018 15:00	21.29	84.4	6.10	2.7	SR5	12/16/2018 21:00	21.26	84.7	6.12	2.9
SR5	12/16/2018 3:05	21.34	84.9	6.13	2.9	SR5	12/16/2018 9:05	21.28	86.9	6.27	2.9	SR5	12/16/2018 15:05	21.29	84.2	6.08	4.3	SR5	12/16/2018 21:05	21.26	84.9	6.13	2.7
SR5	12/16/2018 3:10	21.34	86.0	6.21	3.8	SR5	12/16/2018 9:10	21.28	86.0	6.21	4.2	SR5	12/16/2018 15:10	21.30	85.3	6.16	2.3	SR5	12/16/2018 21:10	21.25	84.4	6.09	3.1
SR5	12/16/2018 3:15	21.34	85.8	6.19	3.2	SR5	12/16/2018 9:15	21.29	86.1	6.22	3.3	SR5	12/16/2018 15:15	21.29	84.3	6.08	4.5	SR5	12/16/2018 21:15	21.25	83.0	6.00	1.9
SR5	12/16/2018 3:20	21.33	85.4	6.16	2.8	SR5	12/16/2018 9:20	21.29	86.8	6.27	3.3	SR5	12/16/2018 15:20	21.30	86.2	6.22	4.4	SR5	12/16/2018 21:20	21.25	83.0	6.00	3.0
SR5	12/16/2018 3:25	21.34	84.9	6.13	2.9	SR5	12/16/2018 9:25	21.29	87.0	6.29	4.9	SR5	12/16/2018 15:25	21.30	83.7	6.05	3.5	SR5	12/16/2018 21:25	21.24	82.9	5.99	4.5
SR5	12/16/2018 3:30	21.33	84.9	6.12	4.0	SR5	12/16/2018 9:30	21.29	86.7	6.26	2.6	SR5	12/16/2018 15:30	21.30	85.5	6.18	3.2	SR5	12/16/2018 21:30	21.24	84.3	6.09	2.8
SR5	12/16/2018 3:35	21.34	84.0	6.06	4.4	SR5	12/16/2018 9:35	21.29	84.4	6.09	4.1	SR5	12/16/2018 15:35	21.30	83.8	6.05	4.1	SR5	12/16/2018 21:35	21.24	82.6	5.97	4.3
SR5	12/16/2018 3:40	21.34	85.3	6.16	3.6	SR5	12/16/2018 9:40	21.29	85.2	6.15	3.2	SR5	12/16/2018 15:40	21.30	84.2	6.08	3.9	SR5	12/16/2018 21:40	21.24	83.2	6.02	4.0
SR5	12/16/2018 3:45	21.32	84.6	6.11	3.0	SR5	12/16/2018 9:45	21.29	85.1	6.14	3.4	SR5	12/16/2018 15:45	21.30	84.3	6.09	3.9	SR5	12/16/2018 21:45	21.24	85.3	6.16	3.0
SR5	12/16/2018 3:50	21.33	85.1	6.14	4.7	SR5	12/16/2018 9:50	21.29	87.0	6.28	3.0	SR5	12/16/2018 15:50	21.30	86.1	6.22	3.1	SR5	12/16/2018 21:50	21.25	83.0	6.00	3.9
SR5	12/16/2018 3:55	21.33	83.4	6.02	3.3	SR5	12/16/2018 9:55	21.29	86.6	6.25	3.4	SR5	12/16/2018 15:55	21.30	85.6	6.18	2.9	SR5	12/16/2018 21:55	21.25	83.2	6.01	4.4
SR5	12/16/2018 4:00	21.32	83.7	6.05	2.9	SR5	12/16/2018 10:00	21.29	85.0	6.14	3.8	SR5	12/16/2018 16:00	21.30	83.9	6.06	4.8	SR5	12/16/2018 22:00	21.24	84.1	6.08	4.6
SR5	12/16/2018 4:05	21.32	84.9	6.13	2.4	SR5	12/16/2018 10:05	21.29	84.3	6.09	4.6	SR5	12/16/2018 16:05	21.30	84.9	6.13	5.2	SR5	12/16/2018 22:05	21.25	82.4	5.95	4.6
SR5	12/16/2018 4:10	21.31	84.2	6.08	4.1	SR5	12/16/2018 10:10	21.30	85.8	6.19	2.8	SR5	12/16/2018 16:10	21.30	84.2	6.08	5.5	SR5	12/16/2018 22:10	21.23	83.0	6.00	2.6
SR5	12/16/2018 4:15	21.31	85.0	6.14	2.6	SR5	12/16/2018 10:15	21.29	85.6	6.18	4.0	SR5	12/16/2018 16:15	21.30	84.1	6.08	3.9	SR5	12/16/2018 22:15	21.24	84.2	6.08	5.1
SR5	12/16/2018 4:20	21.32	83.6	6.04	4.3	SR5	12/16/2018 10:20	21.29	85.1	6.15	4.0	SR5	12/16/2018 16:20	21.30	84.4	6.10	3.5	SR5	12/16/2018 22:20	21.24	84.1	6.07	4.2
SR5	12/16/2018 4:25	21.32	85.6	6.18	4.0	SR5	12/16/2018 10:25	21.29	85.8	6.19	5.1	SR5	12/16/2018 16:25	21.30	85.9	6.20	4.9	SR5	12/16/2018 22:25	21.23	85.0	6.14	4.5
SR5	12/16/2018 4:30	21.33	82.9	5.98	3.7	SR5	12/16/2018 10:30	21.28	85.1	6.14	4.2	SR5	12/16/2018 16:30	21.30	83.4	6.03	5.3	SR5	12/16/2018 22:30	21.25	84.2	6.09	3.6
SR5	12/16/2018 4:35	21.31	84.8	6.12	2.0	SR5	12/16/2018 10:35	21.28	86.5	6.25	4.6	SR5	12/16/2018 16:35	21.30	85.0	6.13	5.3	SR5	12/16/2018 22:35	21.25	84.9	6.13	2.5
SR5	12/16/2018 4:40	21.32	83.0	6.00	2.9	SR5	12/16/2018 10:40	21.29	84.6	6.11	5.2	SR5	12/16/2018 16:40	21.30	84.4	6.09	2.9	SR5	12/16/2018 22:40	21.23	85.0	6.14	3.2
SR5	12/16/2018 4:45	21.32	85.0	6.14	3.7	SR5	12/16/2018 10:45	21.28	86.6	6.25	4.7	SR5	12/16/2018 16:45	21.29	83.8	6.05	4.0	SR5	12/16/2018 22:45	21.25	83.0	5.99	5.6
SR5	12/16/2018 4:50	21.32	83.1	6.00	4.8	SR5	12/16/2018 10:50	21.28	86.7	6.27	4.5	SR5	12/16/2018 16:50	21.29	84.7	6.11	3.1	SR5	12/16/2018 22:50	21.24	82.5	5.96	3.2
SR5	12/16/2018 4:55	21.31	85.9	6.20	2.3	SR5	12/16/2018 10:55	21.28	86.6	6.25	4.6	SR5	12/16/2018 16:55	21.29	85.0	6.14	3.7	SR5	12/16/2018 22:55	21.24	85.0	6.14	3.1
SR5	12/16/2018 5:00	21.31	84.6	6.11	2.6	SR5	12/16/2018 11:00	21.28	86.1	6.22	4.4	SR5	12/16/2018 17:00	21.28	85.9	6.20	4.0	SR5	12/16/2018 23:00	21.23	84.4	6.10	3.4
SR5	12/16/2018 5:05	21.32	84.5	6.10	5.3	SR5	12/16/2018 11:05	21.29	86.4	6.24	3.6	SR5	12/16/2018 17:05	21.28	85.4	6.17	3.6	SR5	12/16/2018 23:05	21.25	83.4	6.03	4.3
SR5	12/16/2018 5:10	21.32	83.9	6.06	3.4	SR5	12/16/2018 11:10	21.28	86.7	6.26	5.7	SR5	12/16/2018 17:10	21.28	83.7	6.05	3.0	SR5	12/16/2018 23:10	21.24	84.2	6.08	5.3
SR5	12/16/2018 5:15	21.31	84.2	6.08	4.9	SR5	12/16/2018 11:15	21.28	84.1	6.07	3.6	SR5	12/16/2018 17:15	21.27	83.7	6.05	4.4	SR5	12/16/2018 23:15	21.26	83.9	6.06	4.7
SR5	12/16/2018 5:20	21.31	84.8	6.12	4.1	SR5	12/16/2018 11:20	21.28	85.8	6.20	3.2	SR5	12/16/2018 17:20	21.27	84.6	6.11	2.4	SR5	12/16/2018 23:20	21.26	85.1	6.15	3.2
SR5	12/16/2018 5:25	21.30	83.1	6.00	3.4	SR5	12/16/2018 11:25	21.28	85.2	6.15	4.1	SR5	12/16/2018 17:25	21.29	84.5	6.10	4.2	SR5	12/16/2018 23:25	21.24	83.6	6.04	2.2
SR5	12/16/2018 5:30	21.31	82.6	5.96	3.5	SR5	12/16/2018 11:30	21.28	86.0	6.21	3.0	SR5	12/16/2018 17:30	21.27	84.2	6.08	3.3	SR5	12/16/2018 23:30	21.24	83.8	6.05	4.1
SR5	12/16/2018 5:35	21.31	84.8	6.12	4.8	SR5	12/16/2018 11:35	21.27	83.8	6.06	3.9	SR5	12/16/2018 17:35	21.28	85.6	6.18	2.5	SR5	12/16/2018 23:35	21.24	83.0	6.00	3.0
SR5	12/16/2018 5:40	21.31	84.2	6.07	3.1	SR5	12/16/2018 11:40	21.28	85.7	6.18	4.1	SR5	12/16/2018 17:40	21.28	83.8	6.05	4.3	SR5	12/16/2018 23:40	21.24	85.6	6.18	3.2
SR5	12/16/2018 5:45	21.31	84.4	6.10	4.4	SR5	12/16/2018 11:45	21.28	83.8	6.05	4.2	SR5	12/16/2018 17:45	21.28	85.2	6.15	4.1	SR5	12/16/2018 23:45	21.22	83.8	6.06	3.1
SR5	12/16/2018 5:50	21.30	84.3	6.08	4.3	SR5	12/16/2018 11:50	21.28	85.4	6.17	4.5	SR5	12/16/2018 17:50	21.28	85.7	6.19	3.2	SR5	12/16/2018 23:50	21.23	84.9	6.13	3.7
SR5	12/16/2018 5:55	21.30	83.3	6.01	3.5	SR5	12/16/2018 11:55	21.28	86.1	6.22	3.9	SR5	12/16/2018 17:55	21.29	83.8	6.06	2.9	SR5	12/16/2018 23:55	21.24	84.0	6.07	3.1

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/16/2018 0:01	21.78	79.4	5.76	5.5	SR12	12/16/2018 6:01	21.75	79.3	5.76	4.6	SR12	12/16/2018 12:01	21.77	79.3	5.76	**18.6**	SR12	12/16/2018 18:01	21.73	80.7	5.86	5.4
SR12	12/16/2018 0:06	21.78	78.7	5.71	2.4	SR12	12/16/2018 6:06	21.75	79.1	5.74	1.3	SR12	12/16/2018 12:06	21.75	79.9	5.80	3.9	SR12	12/16/2018 18:06	21.73	80.7	5.86	4.3
SR12	12/16/2018 0:11	21.78	79.1	5.74	3.2	SR12	12/16/2018 6:11	21.75	79.4	5.76	3.7	SR12	12/16/2018 12:11	21.75	79.9	5.80	2.2	SR12	12/16/2018 18:11	21.73	80.2	5.82	4.2
SR12	12/16/2018 0:16	21.78	79.4	5.76	1.6	SR12	12/16/2018 6:16	21.77	78.8	5.72	1.1	SR12	12/16/2018 12:16	21.75	79.7	5.79	3.6	SR12	12/16/2018 18:16	21.72	80.5	5.84	3.2
SR12	12/16/2018 0:21	21.78	79.5	5.76	5.0	SR12	12/16/2018 6:21	21.70	78.3	5.69	4.7	SR12	12/16/2018 12:21	21.76	79.4	5.76	4.5	SR12	12/16/2018 18:21	21.71	80.8	5.87	3.0
SR12	12/16/2018 0:26	21.79	79.7	5.78	1.2	SR12	12/16/2018 6:26	21.72	78.2	5.68	2.1	SR12	12/16/2018 12:26	21.76	79.5	5.77	4.0	SR12	12/16/2018 18:26	21.74	80.1	5.81	2.9
SR12	12/16/2018 0:31	21.79	79.5	5.76	3.5	SR12	12/16/2018 6:31	21.69	78.1	5.68	3.2	SR12	12/16/2018 12:31	21.76	79.5	5.77	7.9	SR12	12/16/2018 18:31	21.74	79.5	5.77	1.6
SR12	12/16/2018 0:36	21.77	79.5	5.77	2.9	SR12	12/16/2018 6:36	21.69	77.5	5.64	5.2	SR12	12/16/2018 12:36	21.75	79.5	5.77	2.8	SR12	12/16/2018 18:36	21.74	78.7	5.71	4.9
SR12	12/16/2018 0:41	21.75	80.8	5.86	5.1	SR12	12/16/2018 6:41	21.70	77.6	5.64	2.6	SR12	12/16/2018 12:41	21.78	78.6	5.71	1.2	SR12	12/16/2018 18:41	21.73	79.1	5.74	4.6
SR12	12/16/2018 0:46	21.75	81.0	5.88	3.1	SR12	12/16/2018 6:46	21.71	77.3	5.62	1.7	SR12	12/16/2018 12:46	21.78	78.8	5.72	1.3	SR12	12/16/2018 18:46	21.73	79.1	5.74	4.4
SR12	12/16/2018 0:51	21.76	80.9	5.87	2.3	SR12	12/16/2018 6:51	21.73	76.3	5.54	5.0	SR12	12/16/2018 12:51	21.75	79.3	5.76	3.2	SR12	12/16/2018 18:51	21.72	78.6	5.71	3.6
SR12	12/16/2018 0:56	21.75	80.8	5.86	3.3	SR12	12/16/2018 6:56	21.72	76.1	5.53	1.2	SR12	12/16/2018 12:56	21.77	78.9	5.73	9.9	SR12	12/16/2018 18:56	21.71	78.7	5.71	4.2
SR12	12/16/2018 1:01	21.75	81.1	5.89	1.4	SR12	12/16/2018 7:01	21.72	76.7	5.58	5.1	SR12	12/16/2018 13:01	21.76	79.1	5.75	3.0	SR12	12/16/2018 19:01	21.71	79.0	5.73	1.1
SR12	12/16/2018 1:06	21.76	81.2	5.89	4.3	SR12	12/16/2018 7:06	21.72	76.1	5.53	1.2	SR12	12/16/2018 13:06	21.76	78.6	5.70	3.1	SR12	12/16/2018 19:06	21.72	78.6	5.71	1.4
SR12	12/16/2018 1:11	21.76	81.1	5.88	5.3	SR12	12/16/2018 7:11	21.72	76.4	5.55	1.4	SR12	12/16/2018 13:11	21.76	78.6	5.70	1.8	SR12	12/16/2018 19:11	21.71	78.5	5.70	1.3
SR12	12/16/2018 1:16	21.77	80.5	5.84	1.1	SR12	12/16/2018 7:16	21.71	77.4	5.62	2.0	SR12	12/16/2018 13:16	21.77	78.9	5.73	1.6	SR12	12/16/2018 19:16	21.73	78.8	5.72	4.0
SR12	12/16/2018 1:21	21.76	81.3	5.90	3.6	SR12	12/16/2018 7:21	21.71	77.6	5.64	3.4	SR12	12/16/2018 13:21	21.75	78.8	5.72	3.8	SR12	12/16/2018 19:21	21.73	78.4	5.69	2.2
SR12	12/16/2018 1:26	21.75	81.8	5.94	2.9	SR12	12/16/2018 7:26	21.71	78.5	5.70	2.6	SR12	12/16/2018 13:26	21.76	79.9	5.80	3.7	SR12	12/16/2018 19:26	21.73	78.3	5.69	3.2
SR12	12/16/2018 1:31	21.76	81.2	5.89	1.8	SR12	12/16/2018 7:31	21.71	78.9	5.73	3.5	SR12	12/16/2018 13:31	21.78	80.2	5.82	1.5	SR12	12/16/2018 19:31	21.72	78.8	5.72	9.7
SR12	12/16/2018 1:36	21.75	81.8	5.93	1.8	SR12	12/16/2018 7:36	21.72	78.5	5.70	3.7	SR12	12/16/2018 13:36	21.77	79.6	5.78	2.6	SR12	12/16/2018 19:36	21.73	78.3	5.69	1.9
SR12	12/16/2018 1:41	21.75	81.3	5.90	3.2	SR12	12/16/2018 7:41	21.73	79.2	5.75	1.3	SR12	12/16/2018 13:41	21.76	79.4	5.76	3.9	SR12	12/16/2018 19:41	21.71	79.8	5.79	1.1
SR12	12/16/2018 1:46	21.74	81.0	5.88	2.2	SR12	12/16/2018 7:46	21.73	78.9	5.73	5.1	SR12	12/16/2018 13:46	21.76	78.3	5.68	2.4	SR12	12/16/2018 19:46	21.71	80.1	5.82	5.2
SR12	12/16/2018 1:51	21.74	81.1	5.88	3.1	SR12	12/16/2018 7:51	21.72	79.6	5.78	1.1	SR12	12/16/2018 13:51	21.76	78.5	5.70	2.1	SR12	12/16/2018 19:51	21.71	80.1	5.82	2.7
SR12	12/16/2018 1:56	21.74	81.5	5.92	5.0	SR12	12/16/2018 7:56	21.72	79.0	5.74	2.2	SR12	12/16/2018 13:56	21.76	79.1	5.74	1.9	SR12	12/16/2018 19:56	21.71	79.9	5.80	1.1
SR12	12/16/2018 2:01	21.75	81.4	5.91	2.0	SR12	12/16/2018 8:01	21.72	79.3	5.76	3.1	SR12	12/16/2018 14:01	21.76	78.6	5.70	1.5	SR12	12/16/2018 20:01	21.74	79.1	5.74	3.5
SR12	12/16/2018 2:06	21.77	81.3	5.90	1.4	SR12	12/16/2018 8:06	21.72	79.0	5.74	3.5	SR12	12/16/2018 14:06	21.78	78.1	5.67	1.8	SR12	12/16/2018 20:06	21.72	79.3	5.76	4.1
SR12	12/16/2018 2:11	21.75	81.1	5.88	3.5	SR12	12/16/2018 8:11	21.72	79.4	5.77	2.1	SR12	12/16/2018 14:11	21.78	79.3	5.75	2.5	SR12	12/16/2018 20:11	21.69	80.5	5.85	3.1
SR12	12/16/2018 2:16	21.75	81.4	5.91	2.5	SR12	12/16/2018 8:16	21.72	79.2	5.75	1.1	SR12	12/16/2018 14:16	21.77	78.9	5.73	2.7	SR12	12/16/2018 20:16	21.68	80.4	5.84	2.9
SR12	12/16/2018 2:21	21.74	81.8	5.93	1.9	SR12	12/16/2018 8:21	21.71	79.5	5.78	1.7	SR12	12/16/2018 14:21	21.76	79.6	5.78	1.9	SR12	12/16/2018 20:21	21.67	80.1	5.82	4.8
SR12	12/16/2018 2:26	21.74	81.4	5.90	3.1	SR12	12/16/2018 8:26	21.70	80.0	5.81	1.8	SR12	12/16/2018 14:26	21.76	79.7	5.78	3.3	SR12	12/16/2018 20:26	21.66	80.5	5.86	4.9
SR12	12/16/2018 2:31	21.74	81.8	5.94	1.6	SR12	12/16/2018 8:31	21.70	80.0	5.82	3.4	SR12	12/16/2018 14:31	21.77	79.2	5.75	4.9	SR12	12/16/2018 20:31	21.66	81.1	5.90	5.4
SR12	12/16/2018 2:36	21.74	80.9	5.87	4.1	SR12	12/16/2018 8:36	21.74	79.4	5.76	2.3	SR12	12/16/2018 14:36	21.77	79.3	5.75	2.8	SR12	12/16/2018 20:36	21.67	80.2	5.83	1.7
SR12	12/16/2018 2:41	21.74	81.4	5.91	3.3	SR12	12/16/2018 8:41	21.75	79.1	5.74	1.3	SR12	12/16/2018 14:41	21.76	78.9	5.73	4.5	SR12	12/16/2018 20:41	21.68	80.2	5.83	1.6
SR12	12/16/2018 2:46	21.74	81.2	5.90	2.6	SR12	12/16/2018 8:46	21.73	79.8	5.80	3.2	SR12	12/16/2018 14:46	21.76	79.6	5.78	1.4	SR12	12/16/2018 20:46	21.68	80.0	5.82	1.7
SR12	12/16/2018 2:51	21.73	81.3	5.90	3.2	SR12	12/16/2018 8:51	21.73	79.5	5.77	2.6	SR12	12/16/2018 14:51	21.77	79.5	5.77	5.0	SR12	12/16/2018 20:51	21.68	80.6	5.86	4.1
SR12	12/16/2018 2:56	21.74	80.4	5.84	1.2	SR12	12/16/2018 8:56	21.72	79.9	5.80	5.4	SR12	12/16/2018 14:56	21.77	78.9	5.73	2.6	SR12	12/16/2018 20:56	21.69	80.2	5.83	5.2
SR12	12/16/2018 3:01	21.74	81.3	5.90	4.0	SR12	12/16/2018 9:01	21.71	80.1	5.82	1.3	SR12	12/16/2018 15:01	21.76	79.7	5.79	2.4	SR12	12/16/2018 21:01	21.66	79.3	5.76	4.9
SR12	12/16/2018 3:06	21.76	80.3	5.83	2.6	SR12	12/16/2018 9:06	21.72	79.8	5.80	1.8	SR12	12/16/2018 15:06	21.76	79.2	5.74	3.3	SR12	12/16/2018 21:06	21.67	78.9	5.74	2.0
SR12	12/16/2018 3:11	21.76	81.4	5.90	1.3	SR12	12/16/2018 9:11	21.71	79.9	5.81	4.4	SR12	12/16/2018 15:11	21.75	80.1	5.81	1.4	SR12	12/16/2018 21:11	21.68	79.0	5.74	2.5
SR12	12/16/2018 3:16	21.75	80.4	5.84	5.0	SR12	12/16/2018 9:16	21.71	80.5	5.85	1.6	SR12	12/16/2018 15:16	21.76	80.4	5.83	1.5	SR12	12/16/2018 21:16	21.65	79.0	5.74	1.5
SR12	12/16/2018 3:21	21.74	80.5	5.84	2.0	SR12	12/16/2018 9:21	21.71	80.3	5.83	3.6	SR12	12/16/2018 15:21	21.76	80.2	5.82	3.4	SR12	12/16/2018 21:21	21.66	78.3	5.70	4.2
SR12	12/16/2018 3:26	21.74	80.6	5.85	2.6	SR12	12/16/2018 9:26	21.73	80.4	5.84	3.8	SR12	12/16/2018 15:26	21.76	78.9	5.73	4.6	SR12	12/16/2018 21:26	21.66	78.3	5.70	8.2
SR12	12/16/2018 3:31	21.74	81.1	5.88	2.4	SR12	12/16/2018 9:31	21.72	80.1	5.82	2.9	SR12	12/16/2018 15:31	21.76	79.5	5.77	3.7	SR12	12/16/2018 21:31	21.66	77.9	5.66	1.2
SR12	12/16/2018 3:36	21.74	81.0	5.88	4.5	SR12	12/16/2018 9:36	21.70	80.3	5.84	3.5	SR12	12/16/2018 15:36	21.76	78.6	5.71	2.2	SR12	12/16/2018 21:36	21.66	78.2	5.69	4.4
SR12	12/16/2018 3:41	21.74	81.0	5.88	1.8	SR12	12/16/2018 9:41	21.71	79.8	5.80	4.5	SR12	12/16/2018 15:41	21.76	79.3	5.75	4.3	SR12	12/16/2018 21:41	21.67	77.6	5.64	3.6
SR12	12/16/2018 3:46	21.75	80.0	5.80	3.1	SR12	12/16/2018 9:46	21.73	80.3	5.83	5.1	SR12	12/16/2018 15:46	21.76	79.0	5.73	1.4	SR12	12/16/2018 21:46	21.66	78.0	5.68	3.0
SR12	12/16/2018 3:51	21.75	80.2	5.82	3.7	SR12	12/16/2018 9:51	21.71	80.6	5.85	3.3	SR12	12/16/2018 15:51	21.77	79.8	5.79	1.9	SR12	12/16/2018 21:51	21.66	77.8	5.66	1.3
SR12	12/16/2018 3:56	21.75	79.6	5.78	2.4	SR12	12/16/2018 9:56	21.74	80.4	5.83	3.2	SR12	12/16/2018 15:56	21.77	79.5	5.77	1.4	SR12	12/16/2018 21:56	21.65	78.6	5.71	3.8
SR12	12/16/2018 4:01	21.72	79.7	5.79	3.1	SR12	12/16/2018 10:01	21.74	80.2	5.82	1.5	SR12	12/16/2018 16:01	21.80	79.8	5.79	1.1	SR12	12/16/2018 22:01	21.65	79.1	5.75	3.0
SR12	12/16/2018 4:06	21.71	79.2	5.75	1.2	SR12	12/16/2018 10:06	21.73	80.1	5.82	1.8	SR12	12/16/2018 16:06	21.79	79.1	5.74	5.1	SR12	12/16/2018 22:06	21.65	78.8	5.73	5.3
SR12	12/16/2018 4:11	21.71	79.7	5.79	1.1	SR12	12/16/2018 10:11	21.73	80.1	5.82	2.4	SR12	12/16/2018 16:11	21.76	79.0	5.73	4.4	SR12	12/16/2018 22:11	21.65	78.7	5.72	4.2
SR12	12/16/2018 4:16	21.72	79.0	5.74	3.2	SR12	12/16/2018 10:16	21.71	80.2	5.82	4.6	SR12	12/16/2018 16:16	21.77	79.7	5.79	3.6	SR12	12/16/2018 22:16	21.65	79.2	5.76	4.2
SR12	12/16/2018 4:21	21.72	78.8	5.72	4.8	SR12	12/16/2018 10:21	21.72	79.9	5.80	4.7	SR12	12/16/2018 16:21	21.77	79.9	5.80	5.0	SR12	12/16/2018 22:21	21.64	79.8	5.80	5.4
SR12	12/16/2018 4:26	21.74	79.2	5.75	2.0	SR12	12/16/2018 10:26	21.72	80.2	5.82	3.1	SR12	12/16/2018 16:26	21.77	79.6	5.78	4.7	SR12	12/16/2018 22:26	21.64	79.7	5.80	4.0
SR12	12/16/2018 4:31	21.73	78.4	5.69	1.1	SR12	12/16/2018 10:31	21.73	79.6	5.78	1.4	SR12	12/16/2018 16:31	21.76	79.2	5.75	3.8	SR12	12/16/2018 22:31	21.64	79.6	5.79	1.9
SR12	12/16/2018 4:36	21.71	78.7	5.72	1.2	SR12	12/16/2018 10:36	21.71	79.7	5.79	1.3	SR12	12/16/2018 16:36	21.76	79.3	5.75	9.9	SR12	12/16/2018 22:36	21.64	79.3	5.77	1.3
SR12	12/16/2018 4:41	21.72	78.7	5.71	2.1	SR12	12/16/2018 10:41	21.74	79.1	5.74	4.1	SR12	12/16/2018 16:41	21.76	78.8	5.71	1.3	SR12	12/16/2018 22:41	21.63	79.7	5.80	5.3
SR12	12/16/2018 4:46	21.73	79.1	5.74	2.9	SR12	12/16/2018 10:46	21.72	80.0	5.81	5.4	SR12	12/16/2018 16:46	21.77	79.3	5.75	1.2	SR12	12/16/2018 22:46	21.65	79.0	5.75	4.9
SR12	12/16/2018 4:51	21.75	78.7	5.71	5.2	SR12	12/16/2018 10:51	21.74	79.3	5.76	3.1	SR12	12/16/2018 16:51	21.78	79.1	5.74	2.1	SR12	12/16/2018 22:51	21.64	79.6	5.79	5.0
SR12	12/16/2018 4:56	21.74	79.6	5.78	2.2	SR12	12/16/2018 10:56	21.75	79.2	5.75	1.2	SR12	12/16/2018 16:56	21.76	79.6	5.78	5.5	SR12	12/16/2018 22:56	21.65	79.4	5.77	5.0
SR12	12/16/2018 5:01	21.73	79.8	5.80	4.5	SR12	12/16/2018 11:01	21.75	79.3	5.76	3.8	SR12	12/16/2018 17:01	21.75	79.6	5.77	3.1	SR12	12/16/2018 23:01	21.64	79.0	5.74	4.7
SR12	12/16/2018 5:06	21.72	79.1	5.74	5.0	SR12	12/16/2018 11:06	21.74	79.8	5.80	2.2	SR12	12/16/2018 17:06	21.75	78.3	5.69	1.5	SR12	12/16/2018 23:06	21.64	79.1	5.75	2.7
SR12	12/16/2018 5:11	21.70	79.5	5.77	4.0	SR12	12/16/2018 11:11	21.74	79.9	5.80	5.3	SR12	12/16/2018 17:11	21.76	78.3	5.68	3.3	SR12	12/16/2018 23:11	21.64	78.8	5.73	4.1
SR12	12/16/2018 5:16	21.73	79.9	5.81	2.9	SR12	12/16/2018 11:16	21.74	80.2	5.82	2.7	SR12	12/16/2018 17:16	21.75	78.6	5.71	5.2	SR12	12/16/2018 23:16	21.64	78.6	5.72	5.0
SR12	12/16/2018 5:21	21.73	79.6	5.78	3.4	SR12	12/16/2018 11:21	21.74	80.1	5.82	2.9	SR12	12/16/2018 17:21	21.76	79.3	5.76	1.2	SR12	12/16/2018 23:21	21.65	78.6	5.72	1.9
SR12	12/16/2018 5:26	21.75	79.1	5.74	2.9	SR12	12/16/2018 11:26	21.74	80.0	5.81	4.5	SR12	12/16/2018 17:26	21.76	79.3	5.76	1.2	SR12	12/16/2018 23:26	21.65	79.4	5.77	1.3
SR12	12/16/2018 5:31	21.74	79.5	5.77	1.4	SR12	12/16/2018 11:31	21.74	79.7	5.79	2.6	SR12	12/16/2018 17:31	21.75	79.4	5.76	3.1	SR12	12/16/2018 23:31	21.64	78.5	5.71	3.2
SR12	12/16/2018 5:36	21.74	79.4	5.77	3.8	SR12	12/16/2018 11:36	21.74	80.3	5.83	2.5	SR12	12/16/2018 17:36	21.74	79.5	5.77	1.9	SR12	12/16/2018 23:36	21.64	79.2	5.76	3.2
SR12	12/16/2018 5:41	21.74	79.4	5.76	2.3	SR12	12/16/2018 11:41	21.74	80.1	5.81	2.9	SR12	12/16/2018 17:41	21.74	80.4	5.83	4.2	SR12	12/16/2018 23:41	21.64	79.0	5.75	4.4
SR12	12/16/2018 5:46	21.74	79.3	5.76	3.8	SR12	12/16/2018 11:46	21.76	79.8	5.79	5.3	SR12	12/16/2018 17:46	21.74	79.9	5.80	2.2	SR12	12/16/2018 23:46	21.65	79.2	5.76	2.3
SR12	12/16/2018 5:51	21.74	79.4	5.76	4.3	SR12	12/16/2018 11:51	21.77	79.3	5.76	1.9	SR12	12/16/2018 17:51	21.74	79.6	5.78	5.0	SR12	12/16/2018 23:51	21.66	78.9	5.74	2.4
SR12	12/16/2018 5:56	21.75	79.1	5.74	3.7	SR12	12/16/2018 11:56	21.77	79.5	5.77	4.8	SR12	12/16/2018 17:56	21.73	79.9	5.80	2.6	SR12	12/16/2018 23:56	21.67	78.1	5.68	2.9

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/15/2018 0:00	21.04	85.7	6.16	4.5	SR13	12/16/2018 6:00	21.00	88.5	6.36	3.9	SR13	12/16/2018 12:00	20.99	87.0	6.25	3.6	SR13	12/16/2018 18:00	21.00	85.7	6.16	5.0
SR13	12/16/2018 0:05	21.06	87.5	6.29	4.3	SR13	12/16/2018 6:05	21.03	88.5	6.36	4.1	SR13	12/16/2018 12:05	21.02	87.3	6.28	4.1	SR13	12/16/2018 18:05	21.03	88.5	6.36	3.4
SR13	12/16/2018 0:10	21.01	86.4	6.21	4.3	SR13	12/16/2018 6:10	20.99	85.9	6.17	4.0	SR13	12/16/2018 12:10	21.01	87.5	6.29	5.0	SR13	12/16/2018 18:10	21.11	86.5	6.22	4.4
SR13	12/16/2018 0:15	21.00	87.9	6.32	5.2	SR13	12/16/2018 6:15	20.98	88.1	6.33	3.5	SR13	12/16/2018 12:15	21.03	88.2	6.34	4.4	SR13	12/16/2018 18:15	21.05	86.6	6.22	4.8
SR13	12/16/2018 0:20	21.03	86.5	6.22	3.2	SR13	12/16/2018 6:20	21.02	88.0	6.33	5.1	SR13	12/16/2018 12:20	20.71	80.7	5.48	3.0	SR13	12/16/2018 18:20	21.09	87.0	6.26	3.7
SR13	12/16/2018 0:25	21.03	86.7	6.23	2.9	SR13	12/16/2018 6:25	21.01	87.3	6.28	4.2	SR13	12/16/2018 12:25	20.71	80.7	5.48	2.1	SR13	12/16/2018 18:25	21.02	87.1	6.26	4.6
SR13	12/16/2018 0:30	21.01	88.2	6.34	4.6	SR13	12/16/2018 6:30	20.98	86.9	6.25	5.3	SR13	12/16/2018 12:30	20.69	81.0	5.50	5.4	SR13	12/16/2018 18:30	21.09	87.8	6.31	3.8
SR13	12/16/2018 0:35	21.01	86.8	6.24	4.9	SR13	12/16/2018 6:35	21.00	88.4	6.35	4.7	SR13	12/16/2018 12:35	20.68	80.6	5.47	1.6	SR13	12/16/2018 18:35	21.04	87.4	6.28	5.1
SR13	12/16/2018 0:40	21.02	86.7	6.23	4.7	SR13	12/16/2018 6:40	21.01	86.5	6.22	4.6	SR13	12/16/2018 12:40	20.68	80.5	5.47	5.0	SR13	12/16/2018 18:40	21.08	86.1	6.19	3.5
SR13	12/16/2018 0:45	21.03	87.0	6.25	5.0	SR13	12/16/2018 6:45	21.03	87.0	6.26	4.8	SR13	12/16/2018 12:45	20.67	80.4	5.46	4.8	SR13	12/16/2018 18:45	21.09	87.6	6.30	5.3
SR13	12/16/2018 0:50	20.99	86.5	6.22	5.0	SR13	12/16/2018 6:50	20.99	87.0	6.25	4.0	SR13	12/16/2018 12:50	20.67	80.4	5.46	5.8	SR13	12/16/2018 18:50	21.08	87.6	6.30	4.7
SR13	12/16/2018 0:55	21.00	88.2	6.34	5.0	SR13	12/16/2018 6:55	20.99	88.0	6.32	4.8	SR13	12/16/2018 12:55	20.67	80.5	5.47	2.6	SR13	12/16/2018 18:55	21.09	87.0	6.26	5.0
SR13	12/16/2018 1:00	21.02	86.8	6.24	4.4	SR13	12/16/2018 7:00	21.03	87.8	6.31	4.4	SR13	12/16/2018 13:00	20.68	80.2	5.45	5.4	SR13	12/16/2018 19:00	21.07	88.8	6.38	4.6
SR13	12/16/2018 1:05	21.00	88.4	6.36	4.2	SR13	12/16/2018 7:05	21.00	86.1	6.19	5.2	SR13	12/16/2018 13:05	20.68	80.4	5.46	4.8	SR13	12/16/2018 19:05	21.03	89.2	6.41	4.0
SR13	12/16/2018 1:10	21.00	87.5	6.29	3.3	SR13	12/16/2018 7:10	20.99	86.1	6.19	3.3	SR13	12/16/2018 13:10	20.68	81.0	5.50	2.8	SR13	12/16/2018 19:10	21.10	86.8	6.23	4.9
SR13	12/16/2018 1:15	21.03	88.1	6.33	4.0	SR13	12/16/2018 7:15	20.96	87.2	6.27	5.1	SR13	12/16/2018 13:15	20.67	81.2	5.51	3.7	SR13	12/16/2018 19:15	21.09	88.3	6.35	4.9
SR13	12/16/2018 1:20	21.05	87.4	6.28	4.1	SR13	12/16/2018 7:20	21.03	86.1	6.20	4.9	SR13	12/16/2018 13:20	20.67	81.2	5.52	4.1	SR13	12/16/2018 19:20	21.08	86.6	6.22	5.4
SR13	12/16/2018 1:25	21.03	87.2	6.27	5.2	SR13	12/16/2018 7:25	21.02	86.8	6.25	4.5	SR13	12/16/2018 13:25	20.69	80.4	5.47	2.4	SR13	12/16/2018 19:25	21.05	88.2	6.34	4.7
SR13	12/16/2018 1:30	21.04	87.6	6.30	3.6	SR13	12/16/2018 7:30	20.98	87.1	6.27	4.4	SR13	12/16/2018 13:30	20.68	80.7	5.49	3.5	SR13	12/16/2018 19:30	21.06	86.7	6.23	5.6
SR13	12/16/2018 1:35	21.02	86.9	6.25	4.3	SR13	12/16/2018 7:35	20.99	86.9	6.25	5.1	SR13	12/16/2018 13:35	20.68	80.7	5.54	3.5	SR13	12/16/2018 19:35	21.09	87.4	6.28	4.2
SR13	12/16/2018 1:40	21.03	87.0	6.25	5.2	SR13	12/16/2018 7:40	21.01	85.4	6.14	3.7	SR13	12/16/2018 13:40	20.68	80.7	5.57	5.2	SR13	12/16/2018 19:40	21.10	87.5	6.29	5.4
SR13	12/16/2018 1:45	21.04	88.0	6.33	3.1	SR13	12/16/2018 7:45	21.02	86.3	6.20	4.3	SR13	12/16/2018 13:45	20.68	80.8	5.61	3.4	SR13	12/16/2018 19:45	21.09	87.0	6.25	4.7
SR13	12/16/2018 1:50	21.03	87.2	6.27	5.0	SR13	12/16/2018 7:50	21.01	86.0	6.19	4.3	SR13	12/16/2018 13:50	20.67	80.8	5.62	1.5	SR13	12/16/2018 19:50	21.06	86.9	6.24	4.4
SR13	12/16/2018 1:55	21.02	87.3	6.27	4.8	SR13	12/16/2018 7:55	20.99	87.7	6.31	4.1	SR13	12/16/2018 13:55	20.67	80.5	5.50	1.9	SR13	12/16/2018 19:55	21.07	87.6	6.29	4.1
SR13	12/16/2018 2:00	21.05	87.5	6.29	4.9	SR13	12/16/2018 8:00	20.97	87.1	6.26	4.2	SR13	12/16/2018 14:00	20.67	80.0	5.60	2.6	SR13	12/16/2018 20:00	21.08	88.2	6.34	5.1
SR13	12/16/2018 2:05	21.01	88.1	6.33	4.5	SR13	12/16/2018 8:05	20.99	86.5	6.22	4.8	SR13	12/16/2018 14:05	20.68	80.4	5.80	4.0	SR13	12/16/2018 20:05	21.07	85.8	6.17	4.4
SR13	12/16/2018 2:10	21.02	89.2	6.41	4.2	SR13	12/16/2018 8:10	21.01	86.6	6.22	3.2	SR13	12/16/2018 14:10	20.68	80.5	5.94	1.8	SR13	12/16/2018 20:10	21.02	86.1	6.20	5.0
SR13	12/16/2018 2:15	21.00	88.2	6.34	3.4	SR13	12/16/2018 8:15	20.99	87.9	6.32	5.4	SR13	12/16/2018 14:15	20.68	80.4	5.83	4.5	SR13	12/16/2018 20:15	21.02	85.7	6.16	6.7
SR13	12/16/2018 2:20	21.04	88.2	6.34	4.7	SR13	12/16/2018 8:20	21.01	85.9	6.18	4.3	SR13	12/16/2018 14:20	20.70	80.2	5.95	4.8	SR13	12/16/2018 20:20	21.10	87.8	6.31	4.0
SR13	12/16/2018 2:25	21.03	88.8	6.39	4.8	SR13	12/16/2018 8:25	20.99	88.4	6.35	3.8	SR13	12/16/2018 14:25	20.70	80.4	5.91	4.0	SR13	12/16/2018 20:25	21.08	88.6	6.37	3.4
SR13	12/16/2018 2:30	21.00	87.3	6.28	3.1	SR13	12/16/2018 8:30	20.99	88.1	6.34	5.0	SR13	12/16/2018 14:30	20.68	80.9	5.98	1.8	SR13	12/16/2018 20:30	21.09	86.4	6.21	5.5
SR13	12/16/2018 2:35	21.01	88.3	6.35	4.1	SR13	12/16/2018 8:35	20.97	88.1	6.33	3.1	SR13	12/16/2018 14:35	20.69	80.3	5.94	3.8	SR13	12/16/2018 20:35	21.04	88.0	6.33	3.8
SR13	12/16/2018 2:40	21.05	87.5	6.29	5.6	SR13	12/16/2018 8:40	20.95	88.0	6.33	4.7	SR13	12/16/2018 14:40	20.69	80.4	5.78	4.9	SR13	12/16/2018 20:40	21.07	88.4	6.36	3.5
SR13	12/16/2018 2:45	20.98	87.4	6.28	4.2	SR13	12/16/2018 8:45	21.02	87.0	6.26	5.1	SR13	12/16/2018 14:45	20.69	80.7	6.25	5.7	SR13	12/16/2018 20:45	21.09	88.4	6.35	5.0
SR13	12/16/2018 2:50	21.01	88.7	6.38	3.2	SR13	12/16/2018 8:50	20.99	86.3	6.21	5.4	SR13	12/16/2018 14:50	20.69	80.6	6.15	6.0	SR13	12/16/2018 20:50	21.03	88.9	6.39	5.3
SR13	12/16/2018 2:55	20.99	88.5	6.36	4.1	SR13	12/16/2018 8:55	20.97	87.8	6.32	3.3	SR13	12/16/2018 14:55	20.69	80.2	6.44	6.5	SR13	12/16/2018 20:55	21.03	88.8	6.39	4.4
SR13	12/16/2018 3:00	21.02	87.8	6.31	3.7	SR13	12/16/2018 9:00	21.01	85.9	6.18	3.9	SR13	12/16/2018 15:00	20.68	80.8	6.53	4.5	SR13	12/16/2018 21:00	21.05	87.8	6.31	3.7
SR13	12/16/2018 3:05	21.04	88.5	6.36	4.4	SR13	12/16/2018 9:05	20.97	86.5	6.22	4.7	SR13	12/16/2018 15:05	20.69	80.8	6.62	5.7	SR13	12/16/2018 21:05	21.08	86.4	6.21	4.3
SR13	12/16/2018 3:10	21.03	88.9	6.39	4.9	SR13	12/16/2018 9:10	20.99	86.9	6.25	4.3	SR13	12/16/2018 15:10	20.69	80.1	6.55	6.0	SR13	12/16/2018 21:10	21.00	88.2	6.35	4.5
SR13	12/16/2018 3:15	21.04	88.4	6.36	3.5	SR13	12/16/2018 9:15	20.97	87.2	6.28	4.3	SR13	12/16/2018 15:15	20.69	79.8	6.49	3.9	SR13	12/16/2018 21:15	21.07	88.4	6.36	5.3
SR13	12/16/2018 3:20	20.99	87.4	6.28	5.1	SR13	12/16/2018 9:20	20.96	87.1	6.26	5.0	SR13	12/16/2018 15:20	20.69	80.1	6.49	2.2	SR13	12/16/2018 21:20	21.04	87.4	6.29	3.9
SR13	12/16/2018 3:25	21.04	89.0	6.40	5.1	SR13	12/16/2018 9:25	21.00	88.5	6.36	4.1	SR13	12/16/2018 15:25	20.69	80.2	6.45	3.3	SR13	12/16/2018 21:25	21.07	88.3	6.35	4.0
SR13	12/16/2018 3:30	20.98	86.5	6.22	4.9	SR13	12/16/2018 9:30	20.99	88.0	6.33	4.7	SR13	12/16/2018 15:30	20.68	80.2	6.43	2.1	SR13	12/16/2018 21:30	21.02	88.5	6.36	3.6
SR13	12/16/2018 3:35	21.02	86.9	6.25	4.1	SR13	12/16/2018 9:35	20.99	87.5	6.29	4.9	SR13	12/16/2018 15:35	20.68	80.3	6.45	3.8	SR13	12/16/2018 21:35	21.09	88.7	6.38	5.2
SR13	12/16/2018 3:40	21.00	88.5	6.36	3.9	SR13	12/16/2018 9:40	20.96	88.7	6.37	4.7	SR13	12/16/2018 15:40	20.68	80.3	6.39	3.4	SR13	12/16/2018 21:40	21.02	87.6	6.30	4.9
SR13	12/16/2018 3:45	21.01	87.0	6.25	4.6	SR13	12/16/2018 9:45	21.02	86.4	6.22	3.8	SR13	12/16/2018 15:45	20.68	80.2	6.31	2.0	SR13	12/16/2018 21:45	21.03	86.5	6.22	5.1
SR13	12/16/2018 3:50	20.99	88.6	6.37	4.3	SR13	12/16/2018 9:50	21.01	88.7	6.38	4.6	SR13	12/16/2018 15:50	20.68	80.3	6.20	1.8	SR13	12/16/2018 21:50	21.05	86.1	6.20	3.4
SR13	12/16/2018 3:55	21.04	89.1	6.40	3.3	SR13	12/16/2018 9:55	21.00	89.0	6.40	4.6	SR13	12/16/2018 15:55	20.67	80.5	6.27	4.2	SR13	12/16/2018 21:55	21.03	88.1	6.33	4.0
SR13	12/16/2018 4:00	21.00	86.9	6.25	4.3	SR13	12/16/2018 10:00	20.96	89.0	6.40	3.7	SR13	12/16/2018 16:00	20.67	80.7	6.27	3.3	SR13	12/16/2018 22:00	21.01	86.7	6.23	3.1
SR13	12/16/2018 4:05	20.99	87.5	6.29	4.0	SR13	12/16/2018 10:05	21.02	88.2	6.34	4.3	SR13	12/16/2018 16:05	20.67	80.7	6.22	4.4	SR13	12/16/2018 22:05	21.00	87.1	6.26	4.4
SR13	12/16/2018 4:10	20.98	87.6	6.30	4.3	SR13	12/16/2018 10:10	21.00	89.0	6.40	4.7	SR13	12/16/2018 16:10	20.67	80.7	6.21	3.0	SR13	12/16/2018 22:10	21.07	87.9	6.33	6.6
SR13	12/16/2018 4:15	21.03	89.0	6.39	5.0	SR13	12/16/2018 10:15	20.98	88.6	6.37	4.7	SR13	12/16/2018 16:15	20.67	80.6	6.29	4.4	SR13	12/16/2018 22:15	21.08	87.1	6.27	3.4
SR13	12/16/2018 4:20	21.03	88.1	6.33	5.5	SR13	12/16/2018 10:20	20.97	88.3	6.35	5.4	SR13	12/16/2018 16:20	20.67	80.5	6.31	2.1	SR13	12/16/2018 22:20	21.05	86.8	6.24	4.4
SR13	12/16/2018 4:25	21.02	87.6	6.30	4.7	SR13	12/16/2018 10:25	20.97	86.8	6.25	4.2	SR13	12/16/2018 16:25	20.67	80.6	6.28	2.4	SR13	12/16/2018 22:25	21.07	86.8	6.25	4.1
SR13	12/16/2018 4:30	21.04	86.5	6.22	3.6	SR13	12/16/2018 10:30	21.02	87.1	6.26	5.5	SR13	12/16/2018 16:30	20.67	80.1	6.20	3.3	SR13	12/16/2018 22:30	21.00	86.0	6.18	4.8
SR13	12/16/2018 4:35	21.01	86.6	6.22	5.3	SR13	12/16/2018 10:35	20.96	89.1	6.41	3.7	SR13	12/16/2018 16:35	20.67	80.5	6.28	2.6	SR13	12/16/2018 22:35	21.06	86.5	6.22	4.0
SR13	12/16/2018 4:40	20.98	88.0	6.32	4.3	SR13	12/16/2018 10:40	21.01	88.3	6.35	4.9	SR13	12/16/2018 16:40	20.67	80.5	6.22	3.3	SR13	12/16/2018 22:40	21.04	85.6	6.15	4.9
SR13	12/16/2018 4:45	21.02	88.4	6.36	4.9	SR13	12/16/2018 10:45	20.99	87.3	6.28	4.4	SR13	12/16/2018 16:45	21.01	88.2	6.34	3.9	SR13	12/16/2018 22:45	21.02	86.1	6.20	4.4
SR13	12/16/2018 4:50	20.97	88.3	6.35	4.2	SR13	12/16/2018 10:50	21.00	86.5	6.22	4.9	SR13	12/16/2018 16:50	21.00	88.6	6.37	5.0	SR13	12/16/2018 22:50	20.99	87.2	6.27	5.2
SR13	12/16/2018 4:55	21.03	87.8	6.31	4.7	SR13	12/16/2018 10:55	21.00	87.7	6.30	3.6	SR13	12/16/2018 16:55	20.97	87.5	6.29	5.9	SR13	12/16/2018 22:55	20.99	86.0	6.19	5.0
SR13	12/16/2018 5:00	21.03	87.7	6.31	4.6	SR13	12/16/2018 11:00	20.97	88.2	6.34	4.4	SR13	12/16/2018 17:00	21.02	86.9	6.25	5.3	SR13	12/16/2018 23:00	21.03	86.0	6.18	4.9
SR13	12/16/2018 5:05	21.00	86.2	6.20	4.8	SR13	12/16/2018 11:05	20.99	86.7	6.24	5.6	SR13	12/16/2018 17:05	20.99	88.4	6.35	4.4	SR13	12/16/2018 23:05	21.03	86.7	6.24	5.4
SR13	12/16/2018 5:10	20.97	87.8	6.32	4.2	SR13	12/16/2018 11:10	20.98	87.2	6.27	4.5	SR13	12/16/2018 17:10	21.04	86.7	6.23	4.6	SR13	12/16/2018 23:10	21.06	88.5	6.36	5.0
SR13	12/16/2018 5:15	20.98	87.6	6.30	4.1	SR13	12/16/2018 11:15	21.03	87.6	6.29	4.9	SR13	12/16/2018 17:15	20.99	88.0	6.33	4.6	SR13	12/16/2018 23:15	21.06	87.0	6.26	4.2
SR13	12/16/2018 5:20	20.99	87.6	6.30	3.5	SR13	12/16/2018 11:20	20.97	87.4	6.28	5.0	SR13	12/16/2018 17:20	21.03	87.5	6.28	7.2	SR13	12/16/2018 23:20	21.01	88.0	6.33	3.4
SR13	12/16/2018 5:25	21.03	86.8	6.24	3.7	SR13	12/16/2018 11:25	20.98	87.4	6.28	5.8	SR13	12/16/2018 17:25	21.04	86.1	6.19	3.8	SR13	12/16/2018 23:25	21.02	88.7	6.38	4.9
SR13	12/16/2018 5:30	21.02	88.4	6.35	4.8	SR13	12/16/2018 11:30	20.98	87.7	6.30	4.7	SR13	12/16/2018 17:30	20.97	88.1	6.33	3.9	SR13	12/16/2018 23:30	21.07	87.6	6.30	5.3
SR13	12/16/2018 5:35	21.03	85.6	6.15	5.6	SR13	12/16/2018 11:35	21.00	87.7	6.31	4.0	SR13	12/16/2018 17:35	21.03	88.2	6.34	3.7	SR13	12/16/2018 23:35	21.02	87.7	6.31	5.5
SR13	12/16/2018 5:40	21.04	88.8	6.38	4.1	SR13	12/16/2018 11:40	20.99	88.0	6.32	3.6	SR13	12/16/2018 17:40	21.03	87.3	6.28	5.4	SR13	12/16/2018 23:40	21.08	86.4	6.22	5.3
SR13	12/16/2018 5:45	20.98	88.2	6.34	5.1	SR13	12/16/2018 11:45	20.99	88.3	6.35	4.6	SR13	12/16/2018 17:45	21.02	87.3	6.28	5.1	SR13	12/16/2018 23:45	21.05	86.4	6.22	5.4
SR13	12/16/2018 5:50	20.98	86.6	6.22	4.6	SR13	12/16/2018 11:50	20.99	87.2	6.27	4.4	SR13	12/16/2018 17:50	21.02	87.4	6.28	3.3	SR13	12/16/2018 23:50	21.05	87.8	6.31	5.3
SR13	12/16/2018 5:55	21.02	87.7	6.31	4.4	SR13	12/16/2018 11:55	20.97	89.3	6.42	6.2	SR13	12/16/2018 17:55	21.03	86.8	6.24	4.6	SR13	12/16/2018 23:55	21.00	87.9	6.32	5.5

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	12/16/2018 0:17	0.07				SR12	12/16/2018 0:17	0.06			
SR4	12/16/2018 0:37	0.06				SR12	12/16/2018 0:37	0.06			
SR4	12/16/2018 0:57	0.07				SR12	12/16/2018 0:57	0.07			
SR4	12/16/2018 1:17	0.07				SR12	12/16/2018 1:17	0.07			
SR4	12/16/2018 1:37	0.07				SR12	12/16/2018 1:37	0.07			
SR4	12/16/2018 1:57	0.08				SR12	12/16/2018 1:57	0.09			
SR4	12/16/2018 2:17	0.09				SR12	12/16/2018 2:17	0.08			
SR4	12/16/2018 2:37	0.08				SR12	12/16/2018 2:37	0.08			
SR4	12/16/2018 2:57	0.07				SR12	12/16/2018 2:57	0.08			
SR4	12/16/2018 3:17	0.07				SR12	12/16/2018 3:17	0.06			
SR4	12/16/2018 3:37	0.06				SR12	12/16/2018 3:37	0.09			
SR4	12/16/2018 3:57	0.08				SR12	12/16/2018 3:57	0.06			
SR4	12/16/2018 4:17	0.08				SR12	12/16/2018 4:17	0.06			
SR4	12/16/2018 4:37	0.08				SR12	12/16/2018 4:37	0.05			
SR4	12/16/2018 4:57	0.07				SR12	12/16/2018 4:57	0.05			
SR4	12/16/2018 5:17	0.08				SR12	12/16/2018 5:17	0.05			
SR4	12/16/2018 5:37	0.08				SR12	12/16/2018 5:37	0.07			
SR4	12/16/2018 5:57	0.09				SR12	12/16/2018 5:57	0.04			
SR4						SR12					
SR4	12/16/2018 6:37	0.08				SR12	12/16/2018 6:37	0.04			
SR4	12/16/2018 6:57	0.06				SR12	12/16/2018 6:57	0.04			
SR4	12/16/2018 7:17	0.08				SR12	12/16/2018 7:17	0.05			
SR4	12/16/2018 7:37	0.09				SR12	12/16/2018 7:37	0.06			
SR4	12/16/2018 7:57	0.08				SR12	12/16/2018 7:57	0.08			
SR4	12/16/2018 8:17	0.07				SR12	12/16/2018 8:17	0.07			
SR4	12/16/2018 8:37	0.07				SR12	12/16/2018 8:37	0.06			
SR4	12/16/2018 8:57	0.07				SR12	12/16/2018 8:57	0.07			
SR4	12/16/2018 9:17	0.06				SR12	12/16/2018 9:17	0.07			
SR4	12/16/2018 9:37	0.06				SR12	12/16/2018 9:37	0.10			
SR4	12/16/2018 9:57	0.05				SR12	12/16/2018 9:57	0.03			
SR4	12/16/2018 10:17	0.06				SR12	12/16/2018 10:17	0.08			
SR4	12/16/2018 10:37	0.06				SR12	12/16/2018 10:37	0.06			
SR4	12/16/2018 10:57	0.06				SR12	12/16/2018 10:57	0.07			
SR4	12/16/2018 11:17	0.05				SR12	12/16/2018 11:17	0.05			
SR4	12/16/2018 11:37	0.06				SR12	12/16/2018 11:37	0.10			
SR4	12/16/2018 11:57	0.06				SR12	12/16/2018 11:57	0.07			
SR4	12/16/2018 12:17	0.08				SR12	12/16/2018 12:17	0.05			
SR4	12/16/2018 12:37	0.08				SR12	12/16/2018 12:37	0.09			
SR4	12/16/2018 12:57	0.06				SR12	12/16/2018 12:57	0.07			
SR4	12/16/2018 13:17	0.06				SR12	12/16/2018 13:17	0.06			
SR4	12/16/2018 13:37	0.08				SR12	12/16/2018 13:37	0.09			
SR4	12/16/2018 13:57	0.05				SR12	12/16/2018 13:57	0.07			
SR4	12/16/2018 14:17	0.08				SR12	12/16/2018 14:17	0.07			
SR4	12/16/2018 14:37	0.05				SR12	12/16/2018 14:37	0.09			
SR4	12/16/2018 14:57	0.05				SR12	12/16/2018 14:57	0.07			
SR4	12/16/2018 15:17	0.05				SR12	12/16/2018 15:17	0.06			
SR4	12/16/2018 15:37	0.08				SR12	12/16/2018 15:37	0.06			
SR4	12/16/2018 15:57	0.08				SR12	12/16/2018 15:57	0.06			
SR4	12/16/2018 16:17	0.05				SR12	12/16/2018 16:17	0.05			
SR4	12/16/2018 16:37	0.07				SR12	12/16/2018 16:37	0.09			
SR4	12/16/2018 16:57	0.07				SR12	12/16/2018 16:57	0.07			
SR4	12/16/2018 17:17	0.07				SR12	12/16/2018 17:17	0.08			
SR4	12/16/2018 17:37	0.07				SR12	12/16/2018 17:37	0.06			
SR4	12/16/2018 17:57	0.07				SR12	12/16/2018 17:57	0.07			
SR4	12/16/2018 18:17	0.06				SR12	12/16/2018 18:17	0.10			
SR4	12/16/2018 18:37	0.07				SR12	12/16/2018 18:37	0.08			
SR4	12/16/2018 18:57	0.06				SR12	12/16/2018 18:57	0.04			
SR4	12/16/2018 19:17	0.05				SR12	12/16/2018 19:17	0.06			
SR4	12/16/2018 19:37	0.07				SR12	12/16/2018 19:37	0.07			
SR4	12/16/2018 19:57	0.05				SR12	12/16/2018 19:57	0.08			
SR4	12/16/2018 20:17	0.07				SR12	12/16/2018 20:17	0.08			
SR4	12/16/2018 20:37	0.07				SR12	12/16/2018 20:37	0.07			
SR4	12/16/2018 20:57	0.07				SR12	12/16/2018 20:57	0.05			
SR4	12/16/2018 21:17	0.07				SR12	12/16/2018 21:17	0.08			
SR4	12/16/2018 21:37	0.07				SR12	12/16/2018 21:37	0.09			
SR4	12/16/2018 21:57	0.06				SR12	12/16/2018 21:57	0.09			
SR4	12/16/2018 22:17	0.08				SR12	12/16/2018 22:17	0.09			
SR4	12/16/2018 22:37	0.08				SR12	12/16/2018 22:37	0.04			
SR4	12/16/2018 22:57	0.06				SR12	12/16/2018 22:57	0.08			
SR4	12/16/2018 23:17	0.06				SR12	12/16/2018 23:17	0.04			
SR4	12/16/2018 23:37	0.07				SR12	12/16/2018 23:37	0.04			
SR4	12/16/2018 23:57	0.06				SR12	12/16/2018 23:57	0.02			

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.

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/17/2018 0:01	20.92	77.9	5.74	2.6	SR4	12/17/2018 6:01	20.84	69.8	5.15	4.6	SR4	12/17/2018 12:01	20.89	79.5	5.87	4.5	SR4	12/17/2018 18:01	20.90	77.0	5.68	2.6
SR4	12/17/2018 0:06	20.88	78.3	5.77	1.9	SR4	12/17/2018 6:06	20.84	71.8	5.30	2.8	SR4	12/17/2018 12:06	21.13	81.3	5.98	1.7	SR4	12/17/2018 18:06	20.88	77.0	5.68	4.2
SR4	12/17/2018 0:11	20.93	78.2	5.77	2.5	SR4	12/17/2018 6:11	20.83	71.3	5.27	2.8	SR4	12/17/2018 12:11	21.01	80.1	5.89	3.0	SR4	12/17/2018 18:11	20.87	77.2	5.69	2.9
SR4	12/17/2018 0:16	20.89	77.7	5.73	1.8	SR4	12/17/2018 6:16	20.88	71.8	5.30	4.4	SR4	12/17/2018 12:16	20.94	80.3	5.92	2.2	SR4	12/17/2018 18:16	20.88	75.8	5.59	2.3
SR4	12/17/2018 0:21	20.91	76.7	5.66	1.7	SR4	12/17/2018 6:21	20.86	75.1	5.54	1.2	SR4	12/17/2018 12:21	20.93	80.6	5.95	2.4	SR4	12/17/2018 18:21	20.87	76.0	5.61	3.0
SR4	12/17/2018 0:26	20.89	77.8	5.73	1.7	SR4	12/17/2018 6:26	20.85	76.5	5.65	1.0	SR4	12/17/2018 12:26	21.77	52.3	3.51	3.4	SR4	12/17/2018 18:26	20.88	76.7	5.66	2.4
SR4	12/17/2018 0:31	20.93	77.6	5.72	3.8	SR4	12/17/2018 6:31	20.84	76.6	5.65	1.3	SR4	12/17/2018 12:31	21.55	53.0	3.56	2.5	SR4	12/17/2018 18:31	20.88	76.5	5.65	2.2
SR4	12/17/2018 0:36	20.94	78.2	5.76	2.4	SR4	12/17/2018 6:36	20.79	75.8	5.60	1.5	SR4	12/17/2018 12:36	21.44	51.6	3.79	2.0	SR4	12/17/2018 18:36	20.88	74.9	5.52	1.9
SR4	12/17/2018 0:41	20.94	77.9	5.74	2.7	SR4	12/17/2018 6:41	20.65	74.0	5.48	2.3	SR4	12/17/2018 12:41	21.55	58.2	4.29	2.2	SR4	12/17/2018 18:41	20.87	75.3	5.56	2.3
SR4	12/17/2018 0:46	20.94	77.7	5.73	2.8	SR4	12/17/2018 6:46	20.76	74.8	5.53	2.6	SR4	12/17/2018 12:46	21.02	74.6	5.49	2.4	SR4	12/17/2018 18:46	20.87	74.4	5.49	2.1
SR4	12/17/2018 0:51	20.88	73.2	5.40	2.0	SR4	12/17/2018 6:51	20.79	77.3	5.71	1.7	SR4	12/17/2018 12:51	21.05	74.7	5.51	2.6	SR4	12/17/2018 18:51	20.88	74.7	5.52	2.1
SR4	12/17/2018 0:56	20.86	71.1	5.25	1.5	SR4	12/17/2018 6:56	20.76	78.1	5.77	2.3	SR4	12/17/2018 12:56	21.01	75.2	5.54	2.6	SR4	12/17/2018 18:56	20.87	74.9	5.53	2.1
SR4	12/17/2018 1:01	20.91	70.4	5.19	2.2	SR4	12/17/2018 7:01	20.78	78.3	5.79	2.4	SR4	12/17/2018 13:01	21.00	74.7	5.50	3.7	SR4	12/17/2018 19:01	20.87	74.5	5.50	2.5
SR4	12/17/2018 1:06	20.88	72.4	5.35	1.9	SR4	12/17/2018 7:06	20.82	76.7	5.66	1.3	SR4	12/17/2018 13:06	21.02	75.9	5.59	3.1	SR4	12/17/2018 19:06	20.88	74.7	5.51	3.0
SR4	12/17/2018 1:11	20.89	72.4	5.34	1.7	SR4	12/17/2018 7:11	20.80	77.4	5.72	2.6	SR4	12/17/2018 13:11	20.93	76.5	5.64	1.7	SR4	12/17/2018 19:11	20.88	74.8	5.52	2.2
SR4	12/17/2018 1:16	20.88	73.0	5.39	1.8	SR4	12/17/2018 7:16	20.77	78.3	5.79	2.4	SR4	12/17/2018 13:16	20.92	77.4	5.71	1.3	SR4	12/17/2018 19:16	20.88	75.3	5.56	2.0
SR4	12/17/2018 1:21	20.85	73.8	5.45	1.5	SR4	12/17/2018 7:21	20.77	77.7	5.75	2.5	SR4						SR4	12/17/2018 19:21	20.88	74.6	5.51	1.6
SR4	12/17/2018 1:26	20.87	76.8	5.66	2.7	SR4	12/17/2018 7:26	20.83	73.2	5.40	1.2	SR4						SR4	12/17/2018 19:26	20.87	74.3	5.48	1.9
SR4	12/17/2018 1:31	20.84	74.6	5.51	1.3	SR4	12/17/2018 7:31	20.80	74.2	5.48	1.8	SR4						SR4	12/17/2018 19:31	20.86	73.9	5.45	2.1
SR4	12/17/2018 1:36	20.85	71.5	5.28	1.1	SR4	12/17/2018 7:36	20.77	76.9	5.68	4.2	SR4						SR4	12/17/2018 19:36	20.87	73.8	5.45	1.7
SR4	12/17/2018 1:41	20.83	74.4	5.50	2.4	SR4	12/17/2018 7:41	20.75	76.8	5.68	2.0	SR4						SR4	12/17/2018 19:41	20.89	75.5	5.57	2.1
SR4	12/17/2018 1:46	20.84	74.0	5.46	2.4	SR4	12/17/2018 7:46	20.78	76.0	5.62	3.4	SR4						SR4	12/17/2018 19:46	20.87	74.1	5.47	1.7
SR4	12/17/2018 1:51	20.84	75.4	5.57	2.0	SR4	12/17/2018 7:51	20.79	77.0	5.69	5.1	SR4						SR4	12/17/2018 19:51	20.88	75.4	5.57	1.7
SR4	12/17/2018 1:56	20.85	75.0	5.53	2.9	SR4	12/17/2018 7:56	20.82	76.3	5.64	3.7	SR4						SR4	12/17/2018 19:56	20.87	75.8	5.59	1.7
SR4	12/17/2018 2:01	20.84	74.2	5.48	2.0	SR4	12/17/2018 8:01	20.81	76.5	5.65	3.2	SR4						SR4	12/17/2018 20:01	20.88	77.2	5.70	2.5
SR4	12/17/2018 2:06	20.83	73.8	5.45	5.3	SR4	12/17/2018 8:06	20.77	77.2	5.71	4.4	SR4						SR4	12/17/2018 20:06	20.88	77.2	5.70	2.0
SR4	12/17/2018 2:11	20.82	72.7	5.37	4.2	SR4	12/17/2018 8:11	20.82	76.3	5.64	3.6	SR4						SR4	12/17/2018 20:11	20.88	77.7	5.74	2.2
SR4	12/17/2018 2:16	20.83	69.7	5.15	1.3	SR4	12/17/2018 8:16	20.81	76.8	5.67	3.3	SR4	12/17/2018 14:16	20.97	77.6	5.72	2.5	SR4	12/17/2018 20:16	20.88	77.2	5.70	2.1
SR4	12/17/2018 2:21	20.86	70.7	5.22	4.5	SR4	12/17/2018 8:21	20.79	77.9	5.76	3.9	SR4	12/17/2018 14:21	21.00	77.2	5.68	2.5	SR4	12/17/2018 20:21	20.88	77.1	5.69	2.2
SR4	12/17/2018 2:26	20.84	73.6	5.44	1.1	SR4	12/17/2018 8:26	20.81	78.5	5.80	3.4	SR4	12/17/2018 14:26	21.09	75.2	5.53	1.3	SR4	12/17/2018 20:26	20.87	77.7	5.73	2.1
SR4	12/17/2018 2:31	20.85	73.7	5.44	1.7	SR4	12/17/2018 8:31	20.84	78.3	5.78	2.9	SR4	12/17/2018 14:31	21.03	77.0	5.67	2.0	SR4	12/17/2018 20:31	20.88	77.0	5.68	2.2
SR4	12/17/2018 2:36	20.83	73.0	5.39	4.8	SR4	12/17/2018 8:36	20.86	77.9	5.75	3.3	SR4	12/17/2018 14:36	20.97	76.8	5.66	2.3	SR4	12/17/2018 20:36	20.87	77.1	5.69	2.9
SR4	12/17/2018 2:41	20.79	74.0	5.47	2.9	SR4	12/17/2018 8:41	20.83	77.5	5.72	4.4	SR4	12/17/2018 14:41	20.99	76.7	5.65	2.2	SR4	12/17/2018 20:41	20.87	78.8	5.82	2.4
SR4	12/17/2018 2:46	20.84	72.5	5.35	1.2	SR4	12/17/2018 8:46	20.83	78.2	5.78	3.9	SR4	12/17/2018 14:46	20.93	77.1	5.69	4.4	SR4	12/17/2018 20:46	20.86	77.6	5.73	2.7
SR4	12/17/2018 2:51	20.85	73.9	5.46	1.4	SR4	12/17/2018 8:51	20.82	77.9	5.75	3.4	SR4	12/17/2018 14:51	20.94	77.0	5.68	2.2	SR4	12/17/2018 20:51	20.87	76.8	5.67	1.8
SR4	12/17/2018 2:56	20.86	73.2	5.40	1.4	SR4	12/17/2018 8:56	20.85	79.8	5.89	2.6	SR4	12/17/2018 14:56	20.95	76.7	5.65	1.5	SR4	12/17/2018 20:56	20.86	76.2	5.62	2.0
SR4	12/17/2018 3:01	20.86	75.8	5.59	2.6	SR4	12/17/2018 9:01	20.81	80.0	5.91	3.5	SR4	12/17/2018 15:01	20.94	76.7	5.66	2.3	SR4	12/17/2018 21:01	20.85	76.0	5.61	1.5
SR4	12/17/2018 3:06	20.87	76.2	5.62	2.3	SR4	12/17/2018 9:06	20.70	78.7	5.83	2.2	SR4	12/17/2018 15:06	20.94	76.3	5.63	2.4	SR4	12/17/2018 21:06	20.86	75.1	5.54	1.7
SR4	12/17/2018 3:11	20.87	75.2	5.55	1.6	SR4	12/17/2018 9:11	20.78	77.4	5.73	2.7	SR4	12/17/2018 15:11	20.95	76.4	5.63	2.7	SR4	12/17/2018 21:11	20.86	77.4	5.71	1.5
SR4	12/17/2018 3:16	20.86	74.3	5.48	1.2	SR4	12/17/2018 9:16	20.84	78.8	5.82	3.1	SR4	12/17/2018 15:16	20.94	76.2	5.62	1.4	SR4	12/17/2018 21:16	20.87	76.9	5.68	1.8
SR4	12/17/2018 3:21	20.86	75.0	5.54	1.6	SR4	12/17/2018 9:21	20.90	80.6	5.95	1.6	SR4	12/17/2018 15:21	20.93	75.7	5.58	1.3	SR4	12/17/2018 21:21	20.87	74.0	5.46	1.4
SR4	12/17/2018 3:26	20.86	75.0	5.53	1.3	SR4	12/17/2018 9:26	20.92	79.9	5.90	2.3	SR4	12/17/2018 15:26	20.94	77.0	5.68	2.6	SR4	12/17/2018 21:26	20.84	76.5	5.65	4.9
SR4	12/17/2018 3:31	20.83	76.2	5.63	1.9	SR4	12/17/2018 9:31	20.88	79.2	5.85	1.1	SR4	12/17/2018 15:31	20.93	78.7	5.80	2.6	SR4	12/17/2018 21:31	20.86	76.5	5.65	1.6
SR4	12/17/2018 3:36	20.82	75.7	5.59	1.4	SR4	12/17/2018 9:36	20.89	76.2	5.63	4.6	SR4	12/17/2018 15:36	20.93	77.4	5.71	2.0	SR4	12/17/2018 21:36	20.87	74.8	5.52	1.0
SR4	12/17/2018 3:41	20.84	73.1	5.40	1.0	SR4	12/17/2018 9:41	21.00	76.8	5.66	1.2	SR4	12/17/2018 15:41	20.93	77.1	5.68	2.0	SR4	12/17/2018 21:41	20.86	77.1	5.69	1.9
SR4	12/17/2018 3:46	20.85	74.0	5.46	4.4	SR4	12/17/2018 9:46	21.00	79.1	5.83	1.8	SR4	12/17/2018 15:46	20.93	76.3	5.62	1.6	SR4	12/17/2018 21:46	20.84	77.4	5.71	1.5
SR4	12/17/2018 3:51	20.86	76.7	5.66	2.9	SR4	12/17/2018 9:51	21.06	80.4	5.92	1.4	SR4	12/17/2018 15:51	20.93	77.4	5.71	2.4	SR4	12/17/2018 21:51	20.84	76.8	5.67	1.4
SR4	12/17/2018 3:56	20.86	75.5	5.57	1.1	SR4	12/17/2018 9:56	21.03	79.0	5.82	5.1	SR4	12/17/2018 15:56	20.96	76.3	5.63	2.0	SR4	12/17/2018 21:56	20.84	76.7	5.66	1.4
SR4	12/17/2018 4:01	20.85	70.2	5.18	4.5	SR4	12/17/2018 10:01	21.05	78.2	5.76	1.9	SR4	12/17/2018 16:01	20.95	74.2	5.47	1.4	SR4	12/17/2018 22:01	20.86	74.0	5.46	1.3
SR4	12/17/2018 4:06	20.86	70.1	5.17	1.8	SR4	12/17/2018 10:06	20.97	78.4	5.78	1.6	SR4	12/17/2018 16:06	20.94	76.3	5.63	1.9	SR4	12/17/2018 22:06	20.83	74.6	5.51	4.3
SR4	12/17/2018 4:11	20.86	73.0	5.39	1.4	SR4	12/17/2018 10:11	21.05	81.9	6.03	1.7	SR4	12/17/2018 16:11	20.95	75.0	5.53	1.1	SR4	12/17/2018 22:11	20.83	74.8	5.52	1.0
SR4	12/17/2018 4:16	20.86	75.6	5.58	1.5	SR4	12/17/2018 10:16	20.98	79.9	5.89	1.6	SR4	12/17/2018 16:16	20.95	74.6	5.50	1.5	SR4	12/17/2018 22:16	20.84	74.9	5.53	3.8
SR4	12/17/2018 4:21	20.87	69.6	5.14	2.4	SR4	12/17/2018 10:21	20.98	78.8	5.81	3.7	SR4	12/17/2018 16:21	20.94	74.7	5.51	2.6	SR4	12/17/2018 22:21	20.83	74.2	5.48	3.9
SR4	12/17/2018 4:26	20.86	71.4	5.27	3.8	SR4	12/17/2018 10:26	21.03	77.9	5.74	1.1	SR4	12/17/2018 16:26	20.92	76.4	5.63	4.5	SR4	12/17/2018 22:26	20.83	72.5	5.36	4.7
SR4	12/17/2018 4:31	20.84	74.1	5.47	1.7	SR4	12/17/2018 10:31	21.00	78.4	5.78	2.3	SR4	12/17/2018 16:31	20.93	76.7	5.66	4.1	SR4	12/17/2018 22:31	20.84	74.4	5.49	4.6
SR4	12/17/2018 4:36	20.85	73.2	5.40	4.3	SR4	12/17/2018 10:36	21.05	80.6	5.93	1.8	SR4	12/17/2018 16:36	20.92	77.7	5.73	2.9	SR4	12/17/2018 22:36	20.84	74.6	5.51	1.3
SR4	12/17/2018 4:41	20.86	72.9	5.38	2.7	SR4	12/17/2018 10:41	20.98	78.9	5.81	2.5	SR4	12/17/2018 16:41	20.92	77.5	5.72	3.8	SR4	12/17/2018 22:41	20.81	76.6	5.66	1.5
SR4	12/17/2018 4:46	20.82	73.6	5.43	1.8	SR4	12/17/2018 10:46	20.96	80.7	5.95	2.2	SR4	12/17/2018 16:46	20.92	76.8	5.66	3.2	SR4	12/17/2018 22:46	20.80	76.6	5.66	1.5
SR4	12/17/2018 4:51	20.84	77.5	5.72	2.5	SR4	12/17/2018 10:51	20.94	81.1	5.98	2.0	SR4	12/17/2018 16:51	20.92	78.7	5.80	5.3	SR4	12/17/2018 22:51	20.83	73.8	5.45	3.9
SR4	12/17/2018 4:56	20.83	76.4	5.64	1.4	SR4	12/17/2018 10:56	20.86	80.9	5.97	4.0	SR4	12/17/2018 16:56	20.92	77.9	5.75	3.6	SR4	12/17/2018 22:56	20.84	73.1	5.40	1.2
SR4	12/17/2018 5:01	20.85	74.5	5.50	1.1	SR4	12/17/2018 11:01	20.89	80.9	5.97	2.7	SR4	12/17/2018 17:01	20.92	77.8	5.74	4.5	SR4	12/17/2018 23:01	20.83	74.5	5.50	1.0
SR4	12/17/2018 5:06	20.85	73.6	5.43	1.7	SR4	12/17/2018 11:06	21.11	82.3	6.05	1.3	SR4	12/17/2018 17:06	20.92	77.7	5.73	2.9	SR4	12/17/2018 23:06	20.82	75.9	5.61	1.5
SR4	12/17/2018 5:11	20.86	75.7	5.59	1.0	SR4	12/17/2018 11:11	21.06	79.8	5.88	1.6	SR4	12/17/2018 17:11	20.91	77.6	5.72	2.7	SR4	12/17/2018 23:11	20.81	75.8	5.60	1.2
SR4	12/17/2018 5:16	20.86	74.7	5.51	1.9	SR4	12/17/2018 11:16	21.04	78.7	5.80	1.7	SR4	12/17/2018 17:16	20.90	77.0	5.68	1.9	SR4	12/17/2018 23:16	20.82	74.7	5.51	1.2
SR4	12/17/2018 5:21	20.86	74.6	5.51	1.1	SR4	12/17/2018 11:21	21.05	79.5	5.85	2.8	SR4	12/17/2018 17:21	20.90	78.0	5.75	3.3	SR4	12/17/2018 23:21	20.82	74.3	5.49	1.4
SR4	12/17/2018 5:26	20.82	72.3	5.34	2.4	SR4	12/17/2018 11:26	21.04	80.8	5.95	2.1	SR4	12/17/2018 17:26	20.91	78.5	5.79	4.0	SR4	12/17/2018 23:26	20.83	74.4	5.49	1.3
SR4	12/17/2018 5:31	20.83	74.6	5.51	1.3	SR4	12/17/2018 11:31	20.97	80.6	5.94	2.8	SR4	12/17/2018 17:31	20.91	76.6	5.65	3.0	SR4	12/17/2018 23:31	20.82	74.6	5.51	1.2
SR4	12/17/2018 5:36	20.84	75.0	5.54	2.2	SR4	12/17/2018 11:36	20.95	81.1	5.97	3.1	SR4	12/17/2018 17:36	20.89	77.1	5.69	3.1	SR4	12/17/2018 23:36	20.82	74.1	5.47	2.6
SR4	12/17/2018 5:41	20.82	73.3	5.42	5.0	SR4	12/17/2018 11:41	21.01	81.3	5.99	2.2	SR4	12/17/2018 17:41	20.90	77.2	5.69	3.2	SR4	12/17/2018 23:41	20.81	73.0	5.40	3.6
SR4	12/17/2018 5:46	20.84	73.2	5.40	4.2	SR4	12/17/2018 11:46	20.99	81.5	6.00	2.3	SR4	12/17/2018 17:46	20.90	76.9	5.67	3.8	SR4	12/17/2018 23:46	20.80	73.6	5.44	3.7
SR4	12/17/2018 5:51	20.85	72.5	5.35	1.8	SR4	12/17/2018 11:51	20.96	80.3	5.92	2.5	SR4	12/17/2018 17:51	20.89	77.5	5.72	2.9	SR4	12/17/2018 23:51	20.80	73.2	5.41	2.7
SR4	12/17/2018 5:56	20.85	70.3	5.19	2.1	SR4	12/17/2018 11:56	20.91	79.5	5.87	4.2	SR4	12/17/2018 17:56	20.89	77.0	5.68	3.0	SR4	12/17/2018 23:56	20.80	72.6	5.37	3.7

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/17/2018 0:00	21.24	83.1	6.01	2.8	SR5	12/17/2018 6:00	21.16	81.7	5.91	3.4	SR5	12/17/2018 12:00	21.21	82.9	5.99	4.4	SR5	12/17/2018 18:00	21.18	85.0	6.14	3.8
SR5	12/17/2018 0:05	21.23	82.6	5.97	3.5	SR5	12/17/2018 6:05	21.16	84.0	6.07	3.2	SR5	12/17/2018 12:05	21.21	84.3	6.09	2.4	SR5	12/17/2018 18:05	21.18	84.9	6.14	2.6
SR5	12/17/2018 0:10	21.24	85.3	6.16	6.2	SR5	12/17/2018 6:10	21.15	83.9	6.06	2.8	SR5	12/17/2018 12:10	21.23	84.7	6.12	6.3	SR5	12/17/2018 18:10	21.18	83.1	6.00	3.2
SR5	12/17/2018 0:15	21.22	82.2	5.94	2.2	SR5	12/17/2018 6:15	21.13	83.4	6.03	3.4	SR5	12/17/2018 12:15	21.23	83.7	6.05	4.0	SR5	12/17/2018 18:15	21.18	84.5	6.11	1.9
SR5	12/17/2018 0:20	21.22	84.8	6.13	2.8	SR5	12/17/2018 6:20	21.13	82.1	5.94	2.6	SR5	12/17/2018 12:20	21.21	84.1	6.08	4.0	SR5	12/17/2018 18:20	21.19	84.1	6.08	3.8
SR5	12/17/2018 0:25	21.25	83.2	6.01	2.4	SR5	12/17/2018 6:25	21.14	84.1	6.08	2.9	SR5	12/17/2018 12:25	21.24	78.6	5.58	3.3	SR5	12/17/2018 18:25	21.17	84.2	6.09	3.7
SR5	12/17/2018 0:30	21.22	83.9	6.07	2.6	SR5	12/17/2018 6:30	21.14	83.3	6.02	2.7	SR5	12/17/2018 12:30	21.24	78.2	5.56	3.6	SR5	12/17/2018 18:30	21.17	84.7	6.13	5.9
SR5	12/17/2018 0:35	21.24	84.1	6.08	4.0	SR5	12/17/2018 6:35	21.13	83.2	6.01	3.4	SR5	12/17/2018 12:35	21.25	79.1	5.70	2.4	SR5	12/17/2018 18:35	21.17	84.1	6.08	4.4
SR5	12/17/2018 0:40	21.23	85.3	6.17	2.5	SR5	12/17/2018 6:40	21.13	82.7	5.98	4.8	SR5	12/17/2018 12:40	21.24	78.9	5.69	4.0	SR5	12/17/2018 18:40	21.18	83.9	6.07	3.2
SR5	12/17/2018 0:45	21.23	83.2	6.01	2.6	SR5	12/17/2018 6:45	21.11	84.4	6.10	3.8	SR5	12/17/2018 12:45	21.23	82.5	5.96	2.3	SR5	12/17/2018 18:45	21.19	83.5	6.04	2.5
SR5	12/17/2018 0:50	21.21	83.8	6.05	4.0	SR5	12/17/2018 6:50	21.12	83.7	6.05	3.2	SR5	12/17/2018 12:50	21.24	83.2	6.01	4.3	SR5	12/17/2018 18:50	21.20	82.5	5.97	2.4
SR5	12/17/2018 0:55	21.23	82.2	5.95	4.3	SR5	12/17/2018 6:55	21.11	82.7	5.99	3.3	SR5	12/17/2018 12:55	21.22	83.9	6.06	2.7	SR5	12/17/2018 18:55	21.21	84.4	6.10	2.4
SR5	12/17/2018 1:00	21.23	82.7	5.97	3.6	SR5	12/17/2018 7:00	21.10	84.1	6.09	4.1	SR5	12/17/2018 13:00	21.23	82.9	5.99	2.9	SR5	12/17/2018 19:00	21.23	83.2	6.02	3.9
SR5	12/17/2018 1:05	21.21	84.0	6.07	3.8	SR5	12/17/2018 7:05	21.14	83.2	6.01	2.6	SR5	12/17/2018 13:05	21.24	83.9	6.06	4.1	SR5	12/17/2018 19:05	21.22	81.9	5.92	4.6
SR5	12/17/2018 1:10	21.22	83.4	6.02	3.4	SR5	12/17/2018 7:10	21.14	82.5	5.97	6.7	SR5	12/17/2018 13:10	21.23	82.6	5.97	3.7	SR5	12/17/2018 19:10	21.22	83.3	6.02	2.9
SR5	12/17/2018 1:15	21.22	84.2	6.08	3.7	SR5	12/17/2018 7:15	21.14	83.0	6.00	4.2	SR5	12/17/2018 13:15	21.23	84.1	6.08	3.7	SR5	12/17/2018 19:15	21.22	82.7	5.98	3.0
SR5	12/17/2018 1:20	21.22	83.8	6.06	3.8	SR5	12/17/2018 7:20	21.11	84.7	6.13	2.2	SR5	12/17/2018 13:20	21.24	82.7	5.98	2.7	SR5	12/17/2018 19:20	21.21	82.4	5.96	2.7
SR5	12/17/2018 1:25	21.22	85.1	6.14	3.5	SR5	12/17/2018 7:25	21.11	81.1	5.86	4.5	SR5	12/17/2018 13:25	21.25	84.5	6.10	3.7	SR5	12/17/2018 19:25	21.21	82.7	5.98	3.1
SR5	12/17/2018 1:30	21.22	84.9	6.13	3.5	SR5	12/17/2018 7:30	21.10	82.1	5.94	3.9	SR5	12/17/2018 13:30	21.23	82.7	5.98	3.6	SR5	12/17/2018 19:30	21.22	81.4	5.89	3.4
SR5	12/17/2018 1:35	21.22	81.7	5.91	2.7	SR5	12/17/2018 7:35	21.12	83.7	6.05	2.2	SR5	12/17/2018 13:35	21.24	78.3	5.57	2.2	SR5	12/17/2018 19:35	21.22	82.7	5.98	3.6
SR5	12/17/2018 1:40	21.23	83.9	6.07	3.1	SR5	12/17/2018 7:40	21.11	82.5	5.96	2.7	SR5	12/17/2018 13:40	21.23	81.2	5.77	3.7	SR5	12/17/2018 19:40	21.21	84.4	6.10	3.8
SR5	12/17/2018 1:45	21.22	83.0	5.99	3.9	SR5	12/17/2018 7:45	21.10	82.7	5.98	2.7	SR5	12/17/2018 13:45	21.23	79.7	5.66	2.3	SR5	12/17/2018 19:45	21.21	81.9	5.92	3.0
SR5	12/17/2018 1:50	21.22	82.7	5.98	3.2	SR5	12/17/2018 7:50	21.09	82.6	5.98	5.1	SR5	12/17/2018 13:50	21.23	82.9	5.99	4.2	SR5	12/17/2018 19:50	21.22	84.3	6.09	3.9
SR5	12/17/2018 1:55	21.22	82.4	5.96	2.9	SR5	12/17/2018 7:55	21.09	82.7	5.98	2.1	SR5	12/17/2018 13:55	21.22	83.0	5.99	2.1	SR5	12/17/2018 19:55	21.22	82.2	5.94	4.0
SR5	12/17/2018 2:00	21.21	82.0	5.92	4.0	SR5	12/17/2018 8:00	21.07	83.8	6.06	2.9	SR5	12/17/2018 14:00	21.23	82.8	5.98	3.8	SR5	12/17/2018 20:00	21.21	83.5	6.04	3.6
SR5	12/17/2018 2:05	21.20	83.9	6.07	3.1	SR5	12/17/2018 8:05	21.08	84.3	6.10	3.8	SR5	12/17/2018 14:05	21.24	84.2	6.09	2.3	SR5	12/17/2018 20:05	21.23	84.5	6.11	1.7
SR5	12/17/2018 2:10	21.22	82.6	5.97	4.1	SR5	12/17/2018 8:10	21.08	83.4	6.03	4.8	SR5	12/17/2018 14:10	21.21	85.4	6.17	3.2	SR5	12/17/2018 20:10	21.22	83.7	6.05	2.4
SR5	12/17/2018 2:15	21.22	81.4	5.88	3.6	SR5	12/17/2018 8:15	21.07	84.1	6.08	3.6	SR5	12/17/2018 14:15	21.21	85.5	6.18	2.3	SR5	12/17/2018 20:15	21.21	84.6	6.11	3.5
SR5	12/17/2018 2:20	21.22	81.7	5.91	3.1	SR5	12/17/2018 8:20	21.07	84.4	6.10	4.1	SR5	12/17/2018 14:20	21.23	84.2	6.08	3.0	SR5	12/17/2018 20:20	21.22	82.7	5.98	4.4
SR5	12/17/2018 2:25	21.22	81.8	5.92	3.9	SR5	12/17/2018 8:25	21.07	85.7	6.20	4.7	SR5	12/17/2018 14:25	21.22	82.3	5.95	1.9	SR5	12/17/2018 20:25	21.23	83.2	6.01	2.8
SR5	12/17/2018 2:30	21.20	81.8	5.91	3.1	SR5	12/17/2018 8:30	21.06	83.7	6.06	4.3	SR5	12/17/2018 14:30	21.24	83.6	6.04	3.5	SR5	12/17/2018 20:30	21.24	84.0	6.08	3.7
SR5	12/17/2018 2:35	21.20	81.3	5.88	3.4	SR5	12/17/2018 8:35	21.06	84.6	6.12	3.4	SR5	12/17/2018 14:35	21.24	83.6	6.04	3.1	SR5	12/17/2018 20:35	21.23	84.9	6.14	3.7
SR5	12/17/2018 2:40	21.20	83.3	6.03	4.4	SR5	12/17/2018 8:40	21.06	84.4	6.10	4.0	SR5	12/17/2018 14:40	21.23	82.8	5.98	3.5	SR5	12/17/2018 20:40	21.24	85.5	6.18	3.5
SR5	12/17/2018 2:45	21.21	84.0	6.07	2.2	SR5	12/17/2018 8:45	21.05	82.9	6.00	3.8	SR5	12/17/2018 14:45	21.21	85.5	6.18	4.5	SR5	12/17/2018 20:45	21.24	84.4	6.10	2.9
SR5	12/17/2018 2:50	21.22	83.1	6.01	4.0	SR5	12/17/2018 8:50	21.07	83.4	6.03	6.5	SR5	12/17/2018 14:50	21.21	82.8	5.98	3.2	SR5	12/17/2018 20:50	21.25	84.2	6.09	2.4
SR5	12/17/2018 2:55	21.21	83.5	6.03	3.5	SR5	12/17/2018 8:55	21.08	84.6	6.12	3.8	SR5	12/17/2018 14:55	21.25	85.3	6.16	2.9	SR5	12/17/2018 20:55	21.23	84.0	6.07	2.6
SR5	12/17/2018 3:00	21.22	83.8	6.05	3.1	SR5	12/17/2018 9:00	21.08	84.9	6.14	4.6	SR5	12/17/2018 15:00	21.25	85.5	6.18	4.8	SR5	12/17/2018 21:00	21.24	83.5	6.04	2.8
SR5	12/17/2018 3:05	21.21	83.0	6.00	2.9	SR5	12/17/2018 9:05	21.07	85.3	6.17	3.8	SR5	12/17/2018 15:05	21.26	84.7	6.12	3.7	SR5	12/17/2018 21:05	21.24	82.5	5.96	2.1
SR5	12/17/2018 3:10	21.21	84.3	6.09	4.5	SR5	12/17/2018 9:10	21.10	83.2	6.02	3.5	SR5	12/17/2018 15:10	21.28	84.2	6.08	2.9	SR5	12/17/2018 21:10	21.22	85.1	6.16	3.7
SR5	12/17/2018 3:15	21.21	83.6	6.04	1.5	SR5	12/17/2018 9:15	21.12	85.7	6.20	4.1	SR5	12/17/2018 15:15	21.32	84.8	6.13	3.9	SR5	12/17/2018 21:15	21.24	84.3	6.09	2.8
SR5	12/17/2018 3:20	21.21	84.5	6.11	3.0	SR5	12/17/2018 9:20	21.11	85.0	6.14	3.4	SR5	12/17/2018 15:20	21.32	83.9	6.06	2.2	SR5	12/17/2018 21:20	21.24	83.2	6.02	3.4
SR5	12/17/2018 3:25	21.19	82.0	5.93	3.2	SR5	12/17/2018 9:25	21.11	85.9	6.21	4.3	SR5	12/17/2018 15:25	21.33	84.0	6.07	3.1	SR5	12/17/2018 21:25	21.23	82.8	5.99	4.1
SR5	12/17/2018 3:30	21.19	84.5	6.11	2.9	SR5	12/17/2018 9:30	21.13	85.3	6.17	2.1	SR5	12/17/2018 15:30	21.30	84.1	6.08	3.0	SR5	12/17/2018 21:30	21.22	82.3	5.95	3.2
SR5	12/17/2018 3:35	21.21	82.3	5.95	3.4	SR5	12/17/2018 9:35	21.14	83.4	6.03	4.0	SR5	12/17/2018 15:35	21.30	82.6	5.97	4.1	SR5	12/17/2018 21:35	21.19	83.0	6.00	3.2
SR5	12/17/2018 3:40	21.21	82.3	5.95	3.5	SR5	12/17/2018 9:40	21.14	82.4	5.96	3.8	SR5	12/17/2018 15:40	21.27	85.0	6.14	3.2	SR5	12/17/2018 21:40	21.18	83.5	6.04	3.5
SR5	12/17/2018 3:45	21.21	83.4	6.03	4.1	SR5	12/17/2018 9:45	21.14	83.2	6.01	3.3	SR5	12/17/2018 15:45	21.27	84.5	6.10	1.9	SR5	12/17/2018 21:45	21.17	85.0	6.14	2.3
SR5	12/17/2018 3:50	21.19	82.9	5.99	5.3	SR5	12/17/2018 9:50	21.15	86.3	6.23	2.5	SR5	12/17/2018 15:50	21.26	84.3	6.09	3.5	SR5	12/17/2018 21:50	21.16	82.4	5.96	2.7
SR5	12/17/2018 3:55	21.19	82.2	5.94	2.8	SR5	12/17/2018 9:55	21.15	83.4	6.03	4.1	SR5	12/17/2018 15:55	21.27	82.5	5.96	3.1	SR5	12/17/2018 21:55	21.16	84.8	6.13	3.5
SR5	12/17/2018 4:00	21.21	81.8	5.91	4.1	SR5	12/17/2018 10:00	21.16	85.3	6.16	2.6	SR5	12/17/2018 16:00	21.26	84.6	6.11	3.2	SR5	12/17/2018 22:00	21.16	83.1	6.01	4.3
SR5	12/17/2018 4:05	21.19	83.2	6.01	2.6	SR5	12/17/2018 10:05	21.15	83.8	6.06	2.5	SR5	12/17/2018 16:05	21.26	84.3	6.09	3.9	SR5	12/17/2018 22:05	21.16	83.4	6.03	4.1
SR5	12/17/2018 4:10	21.18	83.7	6.05	3.1	SR5	12/17/2018 10:10	21.15	84.3	6.09	2.5	SR5	12/17/2018 16:10	21.24	84.8	6.12	2.1	SR5	12/17/2018 22:10	21.17	83.9	6.07	3.5
SR5	12/17/2018 4:15	21.18	83.1	6.01	4.1	SR5	12/17/2018 10:15	21.14	83.6	6.05	3.4	SR5	12/17/2018 16:15	21.23	81.7	5.91	3.6	SR5	12/17/2018 22:15	21.17	81.9	5.93	4.0
SR5	12/17/2018 4:20	21.17	83.2	6.01	3.6	SR5	12/17/2018 10:20	21.15	84.2	6.09	3.7	SR5	12/17/2018 16:20	21.28	84.1	6.08	3.2	SR5	12/17/2018 22:20	21.17	81.5	5.89	4.7
SR5	12/17/2018 4:25	21.19	83.4	6.03	2.9	SR5	12/17/2018 10:25	21.15	83.8	6.06	3.3	SR5	12/17/2018 16:25	21.26	83.1	6.00	3.1	SR5	12/17/2018 22:25	21.20	81.3	5.88	4.3
SR5	12/17/2018 4:30	21.20	83.0	6.00	4.4	SR5	12/17/2018 10:30	21.15	83.2	6.01	4.4	SR5	12/17/2018 16:30	21.28	84.4	6.10	3.4	SR5	12/17/2018 22:30	21.19	79.6	5.65	4.9
SR5	12/17/2018 4:35	21.20	82.9	5.99	2.6	SR5	12/17/2018 10:35	21.16	84.2	6.08	3.8	SR5	12/17/2018 16:35	21.26	83.2	6.02	3.6	SR5	12/17/2018 22:35	21.19	76.3	5.43	2.8
SR5	12/17/2018 4:40	21.20	83.1	6.00	3.8	SR5	12/17/2018 10:40	21.16	84.5	6.11	3.6	SR5	12/17/2018 16:40	21.28	83.0	6.00	3.0	SR5	12/17/2018 22:40	21.20	79.3	5.64	2.6
SR5	12/17/2018 4:45	21.20	84.3	6.09	3.3	SR5	12/17/2018 10:45	21.16	85.6	6.19	3.5	SR5	12/17/2018 16:45	21.26	83.5	6.03	4.3	SR5	12/17/2018 22:45	21.20	78.1	5.55	4.2
SR5	12/17/2018 4:50	21.20	84.4	6.10	4.7	SR5	12/17/2018 10:50	21.16	85.1	6.15	2.0	SR5	12/17/2018 16:50	21.26	83.3	6.02	4.5	SR5	12/17/2018 22:50	21.20	83.4	6.03	4.0
SR5	12/17/2018 4:55	21.19	82.9	6.00	3.6	SR5	12/17/2018 10:55	21.17	85.1	6.15	2.4	SR5	12/17/2018 16:55	21.23	82.6	5.97	2.1	SR5	12/17/2018 22:55	21.23	83.7	6.05	2.8
SR5	12/17/2018 5:00	21.20	83.1	6.00	3.1	SR5	12/17/2018 11:00	21.16	85.1	6.16	3.9	SR5	12/17/2018 17:00	21.21	85.1	6.15	4.2	SR5	12/17/2018 23:00	21.21	82.9	5.99	2.6
SR5	12/17/2018 5:05	21.20	84.1	6.08	3.4	SR5	12/17/2018 11:05	21.18	83.6	6.04	2.6	SR5	12/17/2018 17:05	21.19	85.0	6.14	4.3	SR5	12/17/2018 23:05	21.21	84.2	6.09	3.5
SR5	12/17/2018 5:10	21.18	83.1	6.01	2.8	SR5	12/17/2018 11:10	21.17	85.3	6.16	3.8	SR5	12/17/2018 17:10	21.18	85.0	6.14	3.1	SR5	12/17/2018 23:10	21.21	82.6	5.98	3.3
SR5	12/17/2018 5:15	21.18	84.3	6.09	2.9	SR5	12/17/2018 11:15	21.17	83.9	6.06	4.3	SR5	12/17/2018 17:15	21.17	83.9	6.06	2.6	SR5	12/17/2018 23:15	21.20	84.1	6.08	3.2
SR5	12/17/2018 5:20	21.18	84.4	6.10	3.9	SR5	12/17/2018 11:20	21.17	83.1	6.00	4.9	SR5	12/17/2018 17:20	21.17	84.3	6.09	3.7	SR5	12/17/2018 23:20	21.20	83.0	6.01	2.6
SR5	12/17/2018 5:25	21.17	83.6	6.04	2.2	SR5	12/17/2018 11:25	21.16	85.5	6.18	4.5	SR5	12/17/2018 17:25	21.17	84.0	6.07	3.3	SR5	12/17/2018 23:25	21.21	83.8	6.06	3.1
SR5	12/17/2018 5:30	21.16	82.0	5.93	3.5	SR5	12/17/2018 11:30	21.17	84.6	6.11	3.7	SR5	12/17/2018 17:30	21.19	84.3	6.09	3.8	SR5	12/17/2018 23:30	21.20	82.5	5.96	3.6
SR5	12/17/2018 5:35	21.18	82.8	5.98	3.7	SR5	12/17/2018 11:35	21.17	84.0	6.07	4.1	SR5	12/17/2018 17:35	21.21	82.3	5.95	2.8	SR5	12/17/2018 23:35	21.19	82.5	5.97	4.2
SR5	12/17/2018 5:40	21.17	83.9	6.06	3.4	SR5	12/17/2018 11:40	21.18	84.4	6.10	2.1	SR5	12/17/2018 17:40	21.19	85.1	6.15	3.7	SR5	12/17/2018 23:40	21.22	81.3	5.88	2.5
SR5	12/17/2018 5:45	21.17	83.9	6.07	4.2	SR5	12/17/2018 11:45	21.18	83.1	6.01	2.0	SR5	12/17/2018 17:45	21.18	85.6	6.18	2.5	SR5	12/17/2018 23:45	21.20	82.0	5.93	4.3
SR5	12/17/2018 5:50	21.17	83.0	6.00	3.1	SR5	12/17/2018 11:50	21.18	82.9	6.00	5.3	SR5	12/17/2018 17:50	21.19	84.2	6.09	2.6	SR5	12/17/2018 23:50	21.19	81.5	5.90	2.5
SR5	12/17/2018 5:55	21.17	81.7	5.90	4.0	SR5	12/17/2018 11:55	21.18	84.6	6.12	3.2	SR5	12/17/2018 17:55	21.17	85.3	6.17	3.2	SR5	12/17/2018 23:55	21.20	81.3	5.88	4.1

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/17/2018 0:01	21.67	78.6	5.72	2.7	SR12	12/17/2018 6:01	21.62	79.7	5.80	1.2	SR12	12/17/2018 12:01	21.69	79.1	5.75	1.5	SR12	12/17/2018 18:01	21.68	80.4	5.84	4.6
SR12	12/17/2018 0:06	21.67	78.2	5.69	3.4	SR12	12/17/2018 6:06	21.62	80.0	5.82	3.6	SR12	12/17/2018 12:06	21.68	79.3	5.76	2.4	SR12	12/17/2018 18:06	21.69	79.7	5.79	2.8
SR12	12/17/2018 0:11	21.67	78.9	5.73	**13.1**	SR12	12/17/2018 6:11	21.61	80.2	5.83	5.0	SR12	12/17/2018 12:11	21.69	80.6	5.86	**11.0**	SR12	12/17/2018 18:11	21.68	79.9	5.81	3.4
SR12	12/17/2018 0:16	21.68	78.6	5.71	2.4	SR12	12/17/2018 6:16	21.61	80.4	5.85	4.6	SR12	12/17/2018 12:16	21.74	80.9	5.87	4.3	SR12	12/17/2018 18:16	21.68	79.6	5.78	1.2
SR12	12/17/2018 0:21	21.67	79.4	5.77	3.8	SR12	12/17/2018 6:21	21.61	80.3	5.84	1.4	SR12	12/17/2018 12:21	21.75	80.5	5.84	4.7	SR12	12/17/2018 18:21	21.66	80.4	5.84	2.0
SR12	12/17/2018 0:26	21.67	78.3	5.69	2.2	SR12	12/17/2018 6:26	21.61	80.6	5.87	2.6	SR12	12/17/2018 12:26	21.71	80.5	5.85	3.6	SR12	12/17/2018 18:26	21.64	80.7	5.87	4.5
SR12	12/17/2018 0:31	21.69	78.6	5.71	2.6	SR12	12/17/2018 6:31	21.63	80.4	5.85	5.5	SR12	12/17/2018 12:31	21.69	80.5	5.85	4.6	SR12	12/17/2018 18:31	21.63	81.4	5.92	**12.0**
SR12	12/17/2018 0:36	21.72	79.5	5.77	5.3	SR12	12/17/2018 6:36	21.61	80.6	5.86	5.5	SR12	12/17/2018 12:36	21.69	80.6	5.85	1.3	SR12	12/17/2018 18:36	21.66	80.0	5.82	4.8
SR12	12/17/2018 0:41	21.69	79.7	5.79	2.8	SR12	12/17/2018 6:41	21.61	80.6	5.86	5.0	SR12	12/17/2018 12:41	21.66	80.5	5.85	2.9	SR12	12/17/2018 18:41	21.65	80.2	5.83	2.8
SR12	12/17/2018 0:46	21.70	80.1	5.82	2.8	SR12	12/17/2018 6:46	21.61	80.5	5.85	4.4	SR12	12/17/2018 12:46	21.67	81.0	5.88	1.1	SR12	12/17/2018 18:46	21.65	80.5	5.86	2.5
SR12	12/17/2018 0:51	21.68	80.3	5.84	4.9	SR12	12/17/2018 6:51	21.62	79.3	5.77	2.7	SR12	12/17/2018 12:51	21.68	80.8	5.87	3.6	SR12	12/17/2018 18:51	21.65	80.4	5.85	1.6
SR12	12/17/2018 0:56	21.67	81.1	5.90	4.5	SR12	12/17/2018 6:56	21.64	78.9	5.74	2.2	SR12	12/17/2018 12:56	21.68	80.6	5.86	2.4	SR12	12/17/2018 18:56	21.64	80.5	5.85	3.7
SR12	12/17/2018 1:01	21.67	80.9	5.88	3.2	SR12	12/17/2018 7:01	21.62	79.5	5.79	4.6	SR12	12/17/2018 13:01	21.70	80.1	5.82	4.2	SR12	12/17/2018 19:01	21.66	80.2	5.83	4.7
SR12	12/17/2018 1:06	21.68	81.2	5.90	1.5	SR12	12/17/2018 7:06	21.62	79.0	5.74	2.2	SR12	12/17/2018 13:06	21.67	80.5	5.85	3.3	SR12	12/17/2018 19:06	21.66	79.8	5.80	4.7
SR12	12/17/2018 1:11	21.67	81.1	5.90	4.3	SR12	12/17/2018 7:11	21.61	79.3	5.77	**13.2**	SR12	12/17/2018 13:11	21.67	81.2	5.90	5.0	SR12	12/17/2018 19:11	21.66	80.3	5.84	3.7
SR12	12/17/2018 1:16	21.65	81.7	5.94	4.9	SR12	12/17/2018 7:16	21.61	79.2	5.76	4.7	SR12	12/17/2018 13:16	21.66	81.0	5.89	5.4	SR12	12/17/2018 19:16	21.68	79.6	5.78	4.0
SR12	12/17/2018 1:21	21.66	81.6	5.93	4.9	SR12	12/17/2018 7:21	21.61	78.8	5.73	3.1	SR12	12/17/2018 13:21	21.68	80.9	5.88	3.3	SR12	12/17/2018 19:21	21.67	79.5	5.78	2.4
SR12	12/17/2018 1:26	21.69	81.5	5.92	1.9	SR12	12/17/2018 7:26	21.62	78.6	5.72	5.5	SR12	12/17/2018 13:26	21.69	81.1	5.89	2.3	SR12	12/17/2018 19:26	21.65	79.4	5.77	1.1
SR12	12/17/2018 1:31	21.67	81.5	5.93	5.3	SR12	12/17/2018 7:31	21.62	78.2	5.69	1.8	SR12	12/17/2018 13:31	21.68	80.8	5.87	4.0	SR12	12/17/2018 19:31	21.68	79.5	5.78	1.6
SR12	12/17/2018 1:36	21.66	80.9	5.88	2.6	SR12	12/17/2018 7:36	21.61	79.4	5.77	1.2	SR12	12/17/2018 13:36	21.70	80.7	5.86	3.8	SR12	12/17/2018 19:36	21.69	79.0	5.74	4.8
SR12	12/17/2018 1:41	21.66	81.6	5.93	4.7	SR12	12/17/2018 7:41	21.60	79.5	5.78	3.0	SR12	12/17/2018 13:41	21.69	81.4	5.91	1.8	SR12	12/17/2018 19:41	21.68	79.7	5.79	2.0
SR12	12/17/2018 1:46	21.67	80.7	5.86	2.2	SR12	12/17/2018 7:46	21.60	79.7	5.80	4.0	SR12	12/17/2018 13:46	21.70	81.4	5.91	1.4	SR12	12/17/2018 19:46	21.67	79.9	5.81	1.1
SR12	12/17/2018 1:51	21.67	81.0	5.88	3.6	SR12	12/17/2018 7:51	21.61	79.6	5.79	3.9	SR12	12/17/2018 13:51	21.70	81.6	5.93	3.7	SR12	12/17/2018 19:51	21.66	80.5	5.85	4.2
SR12	12/17/2018 1:56	21.66	81.0	5.88	5.1	SR12	12/17/2018 7:56	21.61	79.4	5.78	1.2	SR12	12/17/2018 13:56	21.70	81.3	5.90	2.5	SR12	12/17/2018 19:56	21.66	80.2	5.83	5.0
SR12	12/17/2018 2:01	21.66	80.7	5.86	4.4	SR12	12/17/2018 8:01	21.62	79.3	5.77	3.6	SR12	12/17/2018 14:01	21.70	80.8	5.87	3.0	SR12	12/17/2018 20:01	21.68	79.4	5.77	2.2
SR12	12/17/2018 2:06	21.65	81.2	5.90	2.6	SR12	12/17/2018 8:06	21.61	79.7	5.80	5.1	SR12	12/17/2018 14:06	21.68	81.4	5.91	2.3	SR12	12/17/2018 20:06	21.66	80.0	5.82	1.8
SR12	12/17/2018 2:11	21.65	80.8	5.88	1.2	SR12	12/17/2018 8:11	21.60	80.0	5.82	3.7	SR12	12/17/2018 14:11	21.68	81.6	5.93	3.6	SR12	12/17/2018 20:11	21.64	79.8	5.80	3.0
SR12	12/17/2018 2:16	21.67	80.3	5.83	2.7	SR12	12/17/2018 8:16	21.63	80.0	5.82	4.1	SR12	12/17/2018 14:16	21.69	81.6	5.92	2.3	SR12	12/17/2018 20:16	21.64	79.7	5.80	4.7
SR12	12/17/2018 2:21	21.67	80.5	5.85	1.9	SR12	12/17/2018 8:21	21.61	80.0	5.82	3.1	SR12	12/17/2018 14:21	21.69	81.1	5.90	3.0	SR12	12/17/2018 20:21	21.64	79.6	5.79	4.8
SR12	12/17/2018 2:26	21.67	80.2	5.83	3.5	SR12	12/17/2018 8:26	21.60	80.2	5.84	4.3	SR12	12/17/2018 14:26	21.75	81.6	5.93	3.0	SR12	12/17/2018 20:26	21.64	80.0	5.82	4.6
SR12	12/17/2018 2:31	21.67	79.8	5.80	1.4	SR12	12/17/2018 8:31	21.61	79.9	5.81	3.8	SR12	12/17/2018 14:31	21.77	81.3	5.90	1.4	SR12	12/17/2018 20:31	21.65	79.6	5.79	4.8
SR12	12/17/2018 2:36	21.66	79.9	5.81	3.2	SR12	12/17/2018 8:36	21.59	80.4	5.85	3.7	SR12	12/17/2018 14:36	21.79	81.5	5.91	4.9	SR12	12/17/2018 20:36	21.63	80.4	5.85	3.8
SR12	12/17/2018 2:41	21.67	79.7	5.80	8.6	SR12	12/17/2018 8:41	21.59	80.5	5.86	4.7	SR12	12/17/2018 14:41	21.77	81.4	5.91	1.7	SR12	12/17/2018 20:41	21.63	80.3	5.84	4.0
SR12	12/17/2018 2:46	21.67	79.8	5.80	3.1	SR12	12/17/2018 8:46	21.57	80.9	5.89	7.8	SR12	12/17/2018 14:46	21.80	81.4	5.90	3.0	SR12	12/17/2018 20:46	21.63	80.8	5.87	3.3
SR12	12/17/2018 2:51	21.66	80.1	5.83	3.2	SR12	12/17/2018 8:51	21.59	80.3	5.85	**11.0**	SR12	12/17/2018 14:51	21.78	81.0	5.88	2.8	SR12	12/17/2018 20:51	21.64	80.8	5.87	2.1
SR12	12/17/2018 2:56	21.65	80.1	5.83	2.3	SR12	12/17/2018 8:56	21.58	80.4	5.86	5.4	SR12	12/17/2018 14:56	21.77	81.8	5.94	4.4	SR12	12/17/2018 20:56	21.64	80.4	5.85	4.4
SR12	12/17/2018 3:01	21.65	80.2	5.83	5.3	SR12	12/17/2018 9:01	21.60	79.9	5.82	6.3	SR12	12/17/2018 15:01	21.77	81.2	5.89	**12.1**	SR12	12/17/2018 21:01	21.64	80.6	5.86	2.1
SR12	12/17/2018 3:06	21.65	80.5	5.85	3.6	SR12	12/17/2018 9:06	21.64	79.8	5.81	4.7	SR12	12/17/2018 15:06	21.78	81.0	5.88	2.2	SR12	12/17/2018 21:06	21.64	80.3	5.84	2.6
SR12	12/17/2018 3:11	21.66	80.5	5.85	4.9	SR12	12/17/2018 9:11	21.66	80.1	5.82	2.9	SR12	12/17/2018 15:11	21.75	81.2	5.89	1.9	SR12	12/17/2018 21:11	21.64	80.2	5.84	5.3
SR12	12/17/2018 3:16	21.66	79.6	5.79	1.1	SR12	12/17/2018 9:16	21.62	79.9	5.81	2.3	SR12	12/17/2018 15:16	21.75	80.1	5.81	3.8	SR12	12/17/2018 21:16	21.60	80.8	5.88	2.3
SR12	12/17/2018 3:21	21.65	79.7	5.80	4.9	SR12	12/17/2018 9:21	21.60	79.9	5.81	4.6	SR12	12/17/2018 15:21	21.75	80.3	5.83	2.4	SR12	12/17/2018 21:21	21.61	79.8	5.81	4.8
SR12	12/17/2018 3:26	21.63	79.5	5.78	5.3	SR12	12/17/2018 9:26	21.61	79.9	5.81	3.9	SR12	12/17/2018 15:26	21.74	80.6	5.85	4.9	SR12	12/17/2018 21:26	21.59	79.8	5.81	1.5
SR12	12/17/2018 3:31	21.63	80.2	5.83	2.7	SR12	12/17/2018 9:31	21.62	79.1	5.76	2.6	SR12	12/17/2018 15:31	21.74	80.7	5.86	2.1	SR12	12/17/2018 21:31	21.59	79.6	5.79	4.3
SR12	12/17/2018 3:36	21.64	80.0	5.82	4.2	SR12	12/17/2018 9:36	21.61	80.1	5.83	2.7	SR12	12/17/2018 15:36	21.76	80.7	5.86	4.1	SR12	12/17/2018 21:36	21.59	79.2	5.77	3.3
SR12	12/17/2018 3:41	21.65	78.9	5.74	2.8	SR12	12/17/2018 9:41	21.59	80.5	5.86	3.4	SR12	12/17/2018 15:41	21.75	80.0	5.81	1.8	SR12	12/17/2018 21:41	21.59	78.8	5.74	2.9
SR12	12/17/2018 3:46	21.64	79.8	5.80	2.7	SR12	12/17/2018 9:46	21.61	79.8	5.81	3.1	SR12	12/17/2018 15:46	21.73	80.3	5.83	1.2	SR12	12/17/2018 21:46	21.61	78.3	5.70	3.8
SR12	12/17/2018 3:51	21.64	79.7	5.79	9.9	SR12	12/17/2018 9:51	21.63	80.5	5.86	5.1	SR12	12/17/2018 15:51	21.72	80.3	5.83	4.9	SR12	12/17/2018 21:51	21.59	78.5	5.72	2.7
SR12	12/17/2018 3:56	21.64	79.8	5.80	3.9	SR12	12/17/2018 9:56	21.62	80.7	5.87	3.4	SR12	12/17/2018 15:56	21.73	80.3	5.83	3.3	SR12	12/17/2018 21:56	21.55	78.5	5.72	2.2
SR12	12/17/2018 4:01	21.64	80.7	5.87	1.4	SR12	12/17/2018 10:01	21.63	79.6	5.79	1.4	SR12	12/17/2018 16:01	21.72	80.9	5.88	1.6	SR12	12/17/2018 22:01	21.60	78.1	5.69	5.3
SR12	12/17/2018 4:06	21.63	81.2	5.90	5.0	SR12						SR12	12/17/2018 16:06	21.72	80.6	5.85	4.7	SR12	12/17/2018 22:06	21.59	77.7	5.66	3.1
SR12	12/17/2018 4:11	21.63	80.8	5.87	2.8	SR12						SR12	12/17/2018 16:11	21.72	79.9	5.80	3.2	SR12	12/17/2018 22:11	21.56	78.2	5.70	1.5
SR12	12/17/2018 4:16	21.63	81.0	5.89	3.4	SR12						SR12	12/17/2018 16:16	21.72	79.7	5.79	1.2	SR12	12/17/2018 22:16	21.56	78.5	5.72	4.9
SR12	12/17/2018 4:21	21.62	81.1	5.90	4.3	SR12						SR12	12/17/2018 16:21	21.74	80.3	5.83	4.5	SR12	12/17/2018 22:21	21.56	78.7	5.73	5.0
SR12	12/17/2018 4:26	21.62	80.9	5.88	3.5	SR12						SR12	12/17/2018 16:26	21.73	80.6	5.85	3.0	SR12	12/17/2018 22:26	21.56	79.1	5.76	4.2
SR12	12/17/2018 4:31	21.63	80.1	5.82	4.4	SR12						SR12	12/17/2018 16:31	21.71	81.0	5.88	2.9	SR12	12/17/2018 22:31	21.56	78.9	5.75	4.9
SR12	12/17/2018 4:36	21.62	80.6	5.86	1.4	SR12						SR12	12/17/2018 16:36	21.71	80.3	5.84	1.1	SR12	12/17/2018 22:36	21.56	78.3	5.70	4.5
SR12	12/17/2018 4:41	21.65	80.3	5.84	2.8	SR12						SR12	12/17/2018 16:41	21.73	79.7	5.79	2.1	SR12	12/17/2018 22:41	21.58	78.1	5.69	2.7
SR12	12/17/2018 4:46	21.64	80.7	5.87	3.3	SR12						SR12	12/17/2018 16:46	21.73	80.2	5.82	2.1	SR12	12/17/2018 22:46	21.61	77.5	5.64	3.9
SR12	12/17/2018 4:51	21.63	80.6	5.86	5.0	SR12						SR12	12/17/2018 16:51	21.75	80.1	5.82	4.2	SR12	12/17/2018 22:51	21.57	77.8	5.67	2.1
SR12	12/17/2018 4:56	21.62	80.4	5.85	4.3	SR12						SR12	12/17/2018 16:56	21.73	80.0	5.81	1.5	SR12	12/17/2018 22:56	21.60	78.0	5.68	4.8
SR12	12/17/2018 5:01	21.63	80.6	5.86	3.4	SR12	12/17/2018 11:01	21.58	78.1	5.69	1.3	SR12	12/17/2018 17:01	21.72	79.7	5.79	5.5	SR12	12/17/2018 23:01	21.57	77.8	5.66	5.4
SR12	12/17/2018 5:06	21.62	79.9	5.81	2.3	SR12	12/17/2018 11:06	21.64	78.2	5.69	5.3	SR12	12/17/2018 17:06	21.71	80.8	5.87	3.4	SR12	12/17/2018 23:06	21.56	78.0	5.68	5.4
SR12	12/17/2018 5:11	21.62	80.1	5.83	4.5	SR12	12/17/2018 11:11	21.70	78.2	5.68	1.7	SR12	12/17/2018 17:11	21.70	80.2	5.82	1.3	SR12	12/17/2018 23:11	21.56	78.0	5.68	3.7
SR12	12/17/2018 5:16	21.61	80.2	5.83	1.4	SR12	12/17/2018 11:16	21.82	78.3	5.68	4.1	SR12	12/17/2018 17:16	21.69	81.2	5.90	2.2	SR12	12/17/2018 23:16	21.56	78.4	5.71	4.1
SR12	12/17/2018 5:21	21.61	80.0	5.82	2.8	SR12	12/17/2018 11:21	21.87	78.7	5.70	5.9	SR12	12/17/2018 17:21	21.69	80.5	5.85	4.6	SR12	12/17/2018 23:21	21.56	78.2	5.70	1.7
SR12	12/17/2018 5:26	21.63	79.7	5.80	3.0	SR12	12/17/2018 11:26	21.82	78.4	5.69	3.9	SR12	12/17/2018 17:26	21.69	79.7	5.79	2.0	SR12	12/17/2018 23:26	21.55	77.8	5.67	3.8
SR12	12/17/2018 5:31	21.66	79.1	5.75	4.3	SR12	12/17/2018 11:31	21.78	78.8	5.72	1.3	SR12	12/17/2018 17:31	21.70	79.7	5.79	5.4	SR12	12/17/2018 23:31	21.58	78.1	5.69	3.0
SR12	12/17/2018 5:36	21.63	80.3	5.84	3.2	SR12	12/17/2018 11:36	21.68	78.3	5.69	2.7	SR12	12/17/2018 17:36	21.68	79.8	5.80	1.1	SR12	12/17/2018 23:36	21.56	77.9	5.68	3.8
SR12	12/17/2018 5:41	21.63	80.0	5.82	2.3	SR12	12/17/2018 11:41	21.69	78.6	5.71	1.8	SR12	12/17/2018 17:41	21.69	79.6	5.79	1.8	SR12	12/17/2018 23:41	21.55	78.0	5.68	3.2
SR12	12/17/2018 5:46	21.63	79.0	5.75	3.7	SR12	12/17/2018 11:46	21.70	78.6	5.71	1.3	SR12	12/17/2018 17:46	21.68	81.3	5.91	3.0	SR12	12/17/2018 23:46	21.54	78.0	5.69	2.8
SR12	12/17/2018 5:51	21.64	79.4	5.77	2.8	SR12	12/17/2018 11:51	21.70	78.9	5.73	8.3	SR12	12/17/2018 17:51	21.68	80.3	5.84	2.1	SR12	12/17/2018 23:51	21.54	78.5	5.72	3.5
SR12	12/17/2018 5:56	21.63	80.2	5.83	9.5	SR12	12/17/2018 11:56	21.63	79.8	5.80	4.4	SR12	12/17/2018 17:56	21.67	80.7	5.87	4.0	SR12	12/17/2018 23:56	21.55	77.5	5.64	1.6

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/17/2018 0:00	21.08	87.6	6.30	5.1	SR13	12/17/2018 6:00	21.03	88.8	6.38	4.0	SR13	12/17/2018 12:00	20.55	79.9	6.24	5.4	SR13	12/17/2018 18:00	21.03	87.2	6.27	3.6
SR13	12/17/2018 0:05	21.04	88.5	6.37	3.8	SR13	12/17/2018 6:05	20.97	88.4	6.36	4.6	SR13	12/17/2018 12:05	20.55	80.2	6.24	2.5	SR13	12/17/2018 18:05	21.04	86.4	6.22	4.7
SR13	12/17/2018 0:10	21.05	88.1	6.34	4.0	SR13	12/17/2018 6:10	21.01	86.9	6.25	3.3	SR13	12/17/2018 12:10	20.55	79.8	6.19	3.8	SR13	12/17/2018 18:10	21.11	85.1	6.12	4.6
SR13	12/17/2018 0:15	21.07	88.2	6.34	4.2	SR13	12/17/2018 6:15	21.04	86.9	6.25	4.2	SR13	12/17/2018 12:15	20.54	80.1	6.20	5.7	SR13	12/17/2018 18:15	21.08	86.6	6.23	5.7
SR13	12/17/2018 0:20	21.04	85.7	6.17	4.4	SR13	12/17/2018 6:20	20.98	86.1	6.19	4.0	SR13	12/17/2018 12:20	20.55	79.8	6.14	5.4	SR13	12/17/2018 18:20	21.10	84.2	6.06	4.9
SR13	12/17/2018 0:25	21.07	87.9	6.32	4.9	SR13	12/17/2018 6:25	21.04	88.3	6.35	4.9	SR13	12/17/2018 12:25	20.54	80.1	6.10	1.6	SR13	12/17/2018 18:25	21.07	85.1	6.12	3.9
SR13	12/17/2018 0:30	21.06	86.5	6.22	3.9	SR13	12/17/2018 6:30	20.98	86.5	6.22	4.6	SR13	12/17/2018 12:30	20.54	80.0	6.11	2.4	SR13	12/17/2018 18:30	21.05	86.6	6.23	5.4
SR13	12/17/2018 0:35	21.00	86.5	6.23	4.6	SR13	12/17/2018 6:35	21.01	87.4	6.29	5.0	SR13	12/17/2018 12:35	20.54	80.1	6.09	5.4	SR13	12/17/2018 18:35	21.11	85.1	6.13	4.3
SR13	12/17/2018 0:40	21.05	87.8	6.32	4.1	SR13	12/17/2018 6:40	20.98	85.8	6.17	6.6	SR13	12/17/2018 12:40	20.53	80.0	6.09	5.0	SR13	12/17/2018 18:40	21.08	86.2	6.20	4.3
SR13	12/17/2018 0:45	21.08	87.0	6.26	4.8	SR13	12/17/2018 6:45	20.99	87.3	6.29	3.4	SR13	12/17/2018 12:45	20.59	79.7	6.09	3.3	SR13	12/17/2018 18:45	21.09	87.4	6.29	4.8
SR13	12/17/2018 0:50	21.05	86.8	6.24	4.7	SR13	12/17/2018 6:50	21.00	88.3	6.36	4.5	SR13	12/17/2018 12:50	20.58	80.1	6.09	3.1	SR13	12/17/2018 18:50	21.06	85.9	6.18	4.0
SR13	12/17/2018 0:55	21.04	87.6	6.30	7.0	SR13	12/17/2018 6:55	20.99	86.3	6.21	4.4	SR13	12/17/2018 12:55	20.55	81.1	6.13	3.4	SR13	12/17/2018 18:55	21.06	84.7	6.10	4.3
SR13	12/17/2018 1:00	20.99	86.1	6.19	4.0	SR13	12/17/2018 7:00	21.02	86.5	6.23	5.1	SR13	12/17/2018 13:00	20.55	80.8	6.09	3.4	SR13	12/17/2018 19:00	21.03	84.5	6.08	4.1
SR13	12/17/2018 1:05	21.06	87.8	6.32	4.2	SR13	12/17/2018 7:05	21.01	88.2	6.35	3.7	SR13	12/17/2018 13:05	20.55	80.8	6.09	1.6	SR13	12/17/2018 19:05	21.06	86.3	6.21	4.6
SR13	12/17/2018 1:10	21.07	86.8	6.24	4.4	SR13	12/17/2018 7:10	20.98	88.1	6.34	3.9	SR13	12/17/2018 13:10	20.55	80.9	6.09	5.8	SR13	12/17/2018 19:10	21.05	87.4	6.29	4.6
SR13	12/17/2018 1:15	21.04	86.9	6.25	3.9	SR13	12/17/2018 7:15	21.01	88.2	6.35	4.1	SR13	12/17/2018 13:15	20.56	80.8	6.09	2.7	SR13	12/17/2018 19:15	21.06	86.6	6.23	8.1
SR13	12/17/2018 1:20	21.07	86.1	6.19	5.1	SR13	12/17/2018 7:20	21.00	86.2	6.20	4.2	SR13	12/17/2018 13:20	20.57	80.5	6.06	3.1	SR13	12/17/2018 19:20	21.11	86.6	6.23	5.1
SR13	12/17/2018 1:25	21.03	88.4	6.36	3.9	SR13	12/17/2018 7:25	21.01	87.4	6.28	4.7	SR13	12/17/2018 13:25	20.55	80.7	6.07	1.5	SR13	12/17/2018 19:25	21.09	86.7	6.24	4.1
SR13	12/17/2018 1:30	21.06	86.7	6.24	4.2	SR13	12/17/2018 7:30	20.96	87.2	6.27	5.5	SR13	12/17/2018 13:30	20.55	80.8	6.06	4.6	SR13	12/17/2018 19:30	21.09	86.0	6.19	5.2
SR13	12/17/2018 1:35	21.08	88.6	6.37	5.2	SR13	12/17/2018 7:35	21.01	87.0	6.26	3.9	SR13	12/17/2018 13:35	20.56	80.6	6.05	3.9	SR13	12/17/2018 19:35	21.08	84.6	6.09	4.1
SR13	12/17/2018 1:40	21.07	88.5	6.37	4.2	SR13	12/17/2018 7:40	21.00	85.6	6.16	4.5	SR13	12/17/2018 13:40	20.56	80.5	6.04	2.0	SR13	12/17/2018 19:40	21.08	84.8	6.10	5.3
SR13	12/17/2018 1:45	21.06	87.2	6.27	4.7	SR13	12/17/2018 7:45	21.02	87.5	6.30	4.5	SR13	12/17/2018 13:45	20.57	80.5	6.05	6.6	SR13	12/17/2018 19:45	21.07	84.6	6.09	5.6
SR13	12/17/2018 1:50	21.03	87.2	6.27	4.5	SR13	12/17/2018 7:50	21.03	86.1	6.20	4.7	SR13	12/17/2018 13:50	20.56	80.5	6.05	3.8	SR13	12/17/2018 19:50	21.11	84.6	6.09	5.7
SR13	12/17/2018 1:55	21.03	88.8	6.38	4.2	SR13	12/17/2018 7:55	21.04	87.2	6.27	7.2	SR13	12/17/2018 13:55	20.56	80.5	6.03	1.6	SR13	12/17/2018 19:55	21.08	85.6	6.16	4.2
SR13	12/17/2018 2:00	20.99	87.1	6.26	4.9	SR13	12/17/2018 8:00	20.99	87.8	6.32	4.4	SR13	12/17/2018 14:00	20.56	80.5	6.03	1.9	SR13	12/17/2018 20:00	21.04	84.7	6.09	4.4
SR13	12/17/2018 2:05	20.99	88.9	6.40	5.6	SR13	12/17/2018 8:05	21.03	87.5	6.30	4.6	SR13	12/17/2018 14:05	20.56	80.5	6.00	5.4	SR13	12/17/2018 20:05	21.09	86.7	6.24	5.1
SR13	12/17/2018 2:10	21.03	88.4	6.36	4.9	SR13	12/17/2018 8:10	20.97	86.1	6.19	4.9	SR13	12/17/2018 14:10	20.56	80.6	5.97	2.8	SR13	12/17/2018 20:10	21.08	84.4	6.07	5.1
SR13	12/17/2018 2:15	21.04	87.7	6.31	4.9	SR13	12/17/2018 8:15	20.98	87.2	6.28	3.8	SR13	12/17/2018 14:15	20.57	80.6	5.96	5.5	SR13	12/17/2018 20:15	21.06	85.4	6.14	5.2
SR13	12/17/2018 2:20	21.04	87.6	6.30	4.7	SR13	12/17/2018 8:20	20.95	87.7	6.31	3.1	SR13	12/17/2018 14:20	20.56	80.6	5.95	6.2	SR13	12/17/2018 20:20	21.11	84.6	6.08	5.3
SR13	12/17/2018 2:25	21.01	87.8	6.31	4.0	SR13	12/17/2018 8:25	21.00	85.9	6.18	3.6	SR13	12/17/2018 14:25	20.57	80.6	5.87	6.4	SR13	12/17/2018 20:25	21.08	86.7	6.24	4.3
SR13	12/17/2018 2:30	21.06	86.9	6.25	3.6	SR13	12/17/2018 8:30	21.01	86.3	6.21	3.8	SR13	12/17/2018 14:30	20.56	80.5	5.89	6.1	SR13	12/17/2018 20:30	21.06	84.9	6.11	4.8
SR13	12/17/2018 2:35	21.00	87.8	6.31	4.3	SR13	12/17/2018 8:35	21.01	86.8	6.25	5.7	SR13	12/17/2018 14:35	20.57	80.5	5.88	5.8	SR13	12/17/2018 20:35	21.07	85.9	6.18	5.1
SR13	12/17/2018 2:40	20.99	86.9	6.25	4.3	SR13	12/17/2018 8:40	21.02	87.2	6.27	3.8	SR13	12/17/2018 14:40	20.60	79.7	5.85	6.4	SR13	12/17/2018 20:40	21.09	86.6	6.23	5.1
SR13	12/17/2018 2:45	21.01	86.4	6.21	5.5	SR13	12/17/2018 8:45	21.01	86.7	6.24	4.1	SR13	12/17/2018 14:45	20.57	80.5	5.91	5.6	SR13	12/17/2018 20:45	21.11	86.8	6.24	4.8
SR13	12/17/2018 2:50	21.04	87.4	6.29	4.2	SR13	12/17/2018 8:50	21.02	86.5	6.22	5.5	SR13	12/17/2018 14:50	20.57	80.3	5.86	3.0	SR13	12/17/2018 20:50	21.05	85.0	6.12	3.9
SR13	12/17/2018 2:55	21.06	87.1	6.27	4.8	SR13	12/17/2018 8:55	21.01	87.6	6.31	5.5	SR13	12/17/2018 14:55	20.56	80.5	5.90	3.1	SR13	12/17/2018 20:55	21.05	86.9	6.25	4.2
SR13	12/17/2018 3:00	21.03	87.3	6.28	3.6	SR13	12/17/2018 9:00	20.99	88.7	6.38	5.0	SR13						SR13	12/17/2018 21:00	21.07	86.6	6.23	5.4
SR13	12/17/2018 3:05	21.02	86.1	6.20	3.4	SR13	12/17/2018 9:05	20.98	88.0	6.33	4.2	SR13						SR13	12/17/2018 21:05	21.10	86.7	6.24	5.0
SR13	12/17/2018 3:10	21.01	86.0	6.19	5.1	SR13	12/17/2018 9:10	20.98	87.5	6.30	5.2	SR13						SR13	12/17/2018 21:10	21.06	84.7	6.10	5.3
SR13	12/17/2018 3:15	21.01	86.8	6.25	3.8	SR13	12/17/2018 9:15	20.94	88.1	6.34	5.4	SR13						SR13	12/17/2018 21:15	21.07	85.7	6.17	5.4
SR13	12/17/2018 3:20	20.98	86.4	6.22	4.6	SR13	12/17/2018 9:20	20.95	88.2	6.35	3.8	SR13						SR13	12/17/2018 21:20	21.10	86.5	6.22	4.4
SR13	12/17/2018 3:25	21.03	88.2	6.35	5.5	SR13	12/17/2018 9:25	21.00	86.6	6.23	4.7	SR13	12/17/2018 15:25	21.02	86.3	6.21	3.9	SR13	12/17/2018 21:25	21.12	84.9	6.11	5.1
SR13	12/17/2018 3:30	21.07	87.8	6.32	3.8	SR13	12/17/2018 9:30	20.97	87.0	6.27	5.5	SR13	12/17/2018 15:30	21.06	88.3	6.34	4.1	SR13	12/17/2018 21:30	21.07	87.1	6.27	4.4
SR13	12/17/2018 3:35	21.01	86.8	6.25	4.5	SR13	12/17/2018 9:35	21.02	88.0	6.33	7.4	SR13	12/17/2018 15:35	21.05	86.2	6.20	4.8	SR13	12/17/2018 21:35	21.12	87.1	6.26	4.2
SR13	12/17/2018 3:40	21.03	86.7	6.24	4.7	SR13	12/17/2018 9:40	20.99	87.3	6.28	4.8	SR13	12/17/2018 15:40	21.08	86.9	6.25	5.3	SR13	12/17/2018 21:40	21.04	84.7	6.09	5.1
SR13	12/17/2018 3:45	21.05	87.3	6.28	4.6	SR13	12/17/2018 9:45	20.94	87.9	6.33	5.4	SR13	12/17/2018 15:45	21.03	87.6	6.30	6.5	SR13	12/17/2018 21:45	21.05	85.9	6.18	4.8
SR13	12/17/2018 3:50	21.06	86.1	6.20	3.8	SR13	12/17/2018 9:50	20.95	88.2	6.35	4.3	SR13	12/17/2018 15:50	21.04	86.8	6.24	3.8	SR13	12/17/2018 21:50	21.04	85.4	6.14	3.8
SR13	12/17/2018 3:55	21.03	86.8	6.24	4.4	SR13	12/17/2018 9:55	20.53	79.7	5.43	5.6	SR13	12/17/2018 15:55	21.08	87.6	6.30	3.6	SR13	12/17/2018 21:55	21.09	87.2	6.27	5.2
SR13	12/17/2018 4:00	21.03	87.1	6.27	3.5	SR13	12/17/2018 10:00	20.55	79.2	5.39	4.2	SR13	12/17/2018 16:00	21.05	88.8	6.38	5.1	SR13	12/17/2018 22:00	21.03	85.2	6.13	4.9
SR13	12/17/2018 4:05	21.05	86.5	6.23	4.6	SR13	12/17/2018 10:05	20.54	79.3	5.41	4.2	SR13	12/17/2018 16:05	21.04	88.0	6.33	3.7	SR13	12/17/2018 22:05	21.05	85.4	6.15	5.8
SR13	12/17/2018 4:10	21.00	86.6	6.23	5.3	SR13	12/17/2018 10:10	20.54	79.5	5.64	4.1	SR13	12/17/2018 16:10	21.06	88.0	6.33	4.1	SR13	12/17/2018 22:10	21.06	84.7	6.10	5.4
SR13	12/17/2018 4:15	20.98	87.4	6.28	4.6	SR13	12/17/2018 10:15	20.54	79.3	5.79	1.5	SR13	12/17/2018 16:15	21.09	87.9	6.32	3.7	SR13	12/17/2018 22:15	21.10	84.3	6.06	4.6
SR13	12/17/2018 4:20	21.03	87.7	6.31	5.4	SR13	12/17/2018 10:20	20.53	79.6	5.42	6.2	SR13	12/17/2018 16:20	21.07	87.4	6.28	5.3	SR13	12/17/2018 22:20	21.02	85.7	6.17	5.5
SR13	12/17/2018 4:25	21.00	87.9	6.33	3.6	SR13	12/17/2018 10:25	20.53	79.7	5.44	3.3	SR13	12/17/2018 16:25	21.02	87.8	6.31	4.0	SR13	12/17/2018 22:25	21.03	85.6	6.16	5.6
SR13	12/17/2018 4:30	21.02	86.9	6.25	5.0	SR13	12/17/2018 10:30	20.53	79.9	5.44	4.5	SR13	12/17/2018 16:30	21.03	88.7	6.38	4.3	SR13	12/17/2018 22:30	21.07	86.9	6.25	5.3
SR13	12/17/2018 4:35	21.05	87.5	6.29	6.2	SR13	12/17/2018 10:35	20.53	79.8	5.56	4.9	SR13	12/17/2018 16:35	21.08	88.6	6.37	5.0	SR13	12/17/2018 22:35	21.07	84.7	6.10	5.4
SR13	12/17/2018 4:40	21.03	87.8	6.31	3.9	SR13	12/17/2018 10:40	20.52	80.0	5.74	6.5	SR13	12/17/2018 16:40	21.02	86.6	6.23	3.7	SR13	12/17/2018 22:40	21.07	85.3	6.14	5.4
SR13	12/17/2018 4:45	21.00	87.4	6.29	4.8	SR13	12/17/2018 10:45	20.54	79.4	5.65	3.9	SR13	12/17/2018 16:45	21.05	88.5	6.36	4.4	SR13	12/17/2018 22:45	21.07	85.4	6.15	5.3
SR13	12/17/2018 4:50	21.03	88.7	6.38	4.3	SR13	12/17/2018 10:50	20.53	79.6	6.03	3.2	SR13	12/17/2018 16:50	21.02	87.7	6.30	5.7	SR13	12/17/2018 22:50	21.09	84.0	6.05	5.2
SR13	12/17/2018 4:55	20.99	87.5	6.29	3.5	SR13	12/17/2018 10:55	20.53	80.1	6.31	1.5	SR13	12/17/2018 16:55	21.06	86.8	6.24	4.8	SR13	12/17/2018 22:55	21.02	85.0	6.12	4.0
SR13	12/17/2018 5:00	20.98	86.6	6.23	4.0	SR13	12/17/2018 11:00	20.53	80.5	6.40	2.0	SR13	12/17/2018 17:00	21.08	85.8	6.17	3.4	SR13	12/17/2018 23:00	21.03	84.4	6.08	5.6
SR13	12/17/2018 5:05	21.02	87.1	6.27	5.5	SR13	12/17/2018 11:05	20.54	80.2	6.54	6.0	SR13	12/17/2018 17:05	21.08	86.3	6.21	4.2	SR13	12/17/2018 23:05	21.05	83.5	6.01	5.2
SR13	12/17/2018 5:10	21.03	87.7	6.31	4.5	SR13	12/17/2018 11:10	20.54	80.3	6.56	4.9	SR13	12/17/2018 17:10	21.03	87.5	6.29	4.4	SR13	12/17/2018 23:10	21.01	84.6	6.09	4.9
SR13	12/17/2018 5:15	21.06	88.4	6.36	5.6	SR13	12/17/2018 11:15	20.53	80.3	6.52	6.6	SR13	12/17/2018 17:15	21.03	87.4	6.29	3.7	SR13	12/17/2018 23:15	21.02	84.3	6.04	5.2
SR13	12/17/2018 5:20	20.98	87.8	6.31	3.2	SR13	12/17/2018 11:20	20.56	80.0	6.49	5.7	SR13	12/17/2018 17:20	21.07	88.0	6.33	4.0	SR13	12/17/2018 23:20	21.08	82.8	5.94	5.1
SR13	12/17/2018 5:25	20.98	87.8	6.31	4.6	SR13	12/17/2018 11:25	20.54	80.0	6.42	2.2	SR13	12/17/2018 17:25	21.08	86.5	6.22	3.5	SR13	12/17/2018 23:25	21.05	84.7	6.08	5.2
SR13	12/17/2018 5:30	21.06	87.5	6.30	4.5	SR13	12/17/2018 11:30	20.54	80.0	6.39	3.5	SR13	12/17/2018 17:30	21.03	86.8	6.24	4.5	SR13	12/17/2018 23:30	21.10	84.8	6.08	5.1
SR13	12/17/2018 5:35	21.03	88.2	6.35	5.4	SR13	12/17/2018 11:35	20.54	80.1	6.36	4.2	SR13	12/17/2018 17:35	21.10	87.9	6.32	4.6	SR13	12/17/2018 23:35	21.09	85.1	6.13	5.2
SR13	12/17/2018 5:40	20.99	86.1	6.20	4.7	SR13	12/17/2018 11:40	20.54	80.0	6.35	2.7	SR13	12/17/2018 17:40	21.08	86.2	6.20	4.4	SR13	12/17/2018 23:40	21.03	84.4	6.07	5.3
SR13	12/17/2018 5:45	20.98	88.2	6.34	4.4	SR13	12/17/2018 11:45	20.54	79.9	6.29	2.9	SR13	12/17/2018 17:45	21.06	88.4	6.36	5.7	SR13	12/17/2018 23:45	21.08	84.3	6.07	5.3
SR13	12/17/2018 5:50	21.00	86.1	6.20	3.5	SR13	12/17/2018 11:50	20.54	80.0	6.30	4.1	SR13	12/17/2018 17:50	21.05	86.6	6.23	4.2	SR13	12/17/2018 23:50	21.03	85.4	6.15	5.2
SR13	12/17/2018 5:55	20.98	86.7	6.24	5.3	SR13	12/17/2018 11:55	20.58	79.7	6.24	4.8	SR13	12/17/2018 17:55	21.01	88.4	6.36	3.2	SR13	12/17/2018 23:55	21.04	85.6	6.16	4.3

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	12/17/2018 0:17	0.07				SR12	12/17/2018 0:17	0.04			
SR4	12/17/2018 0:37	0.06				SR12	12/17/2018 0:37	0.06			
SR4	12/17/2018 0:57	0.05				SR12	12/17/2018 0:57	0.05			
SR4	12/17/2018 1:17	0.06				SR12	12/17/2018 1:17	0.04			
SR4	12/17/2018 1:37	0.08				SR12	12/17/2018 1:37	0.03			
SR4	12/17/2018 1:57	0.07				SR12	12/17/2018 1:57	0.04			
SR4	12/17/2018 2:17	0.08				SR12	12/17/2018 2:17	0.06			
SR4	12/17/2018 2:37	0.06				SR12	12/17/2018 2:37	0.03			
SR4	12/17/2018 2:57	0.07				SR12	12/17/2018 2:57	0.03			
SR4	12/17/2018 3:17	0.06				SR12	12/17/2018 3:17	0.04			
SR4	12/17/2018 3:37	0.05				SR12	12/17/2018 3:37	0.03			
SR4	12/17/2018 3:57	0.04				SR12	12/17/2018 3:57	0.03			
SR4	12/17/2018 4:17	0.04				SR12	12/17/2018 4:17	0.02			
SR4	12/17/2018 4:37	0.06				SR12	12/17/2018 4:37	0.05			
SR4	12/17/2018 4:57	0.05				SR12	12/17/2018 4:57	0.05			
SR4	12/17/2018 5:17	0.05				SR12	12/17/2018 5:17	0.01			
SR4	12/17/2018 5:37	0.03				SR12	12/17/2018 5:37	0.06			
SR4	12/17/2018 5:57	0.04				SR12	12/17/2018 5:57	0.08			
SR4						SR12					
SR4	12/17/2018 6:37	0.03				SR12	12/17/2018 6:37	0.05			
SR4	12/17/2018 6:57	0.03				SR12	12/17/2018 6:57	0.07			
SR4	12/17/2018 7:17	0.04				SR12	12/17/2018 7:17	0.06			
SR4	12/17/2018 7:37	0.05				SR12	12/17/2018 7:37	0.02			
SR4	12/17/2018 7:57	0.04				SR12	12/17/2018 7:57	0.03			
SR4	12/17/2018 8:17	0.03				SR12	12/17/2018 8:17	0.03			
SR4	12/17/2018 8:37	0.04				SR12	12/17/2018 8:37	0.02			
SR4	12/17/2018 8:57	0.04				SR12	12/17/2018 8:57	0.05			
SR4	12/17/2018 9:17	0.03				SR12	12/17/2018 9:17	0.07			
SR4	12/17/2018 9:37	0.04				SR12	12/17/2018 9:37	0.05			
SR4	12/17/2018 9:57	0.06				SR12	12/17/2018 9:57	0.04			
SR4	12/17/2018 10:17	0.05				SR12					
SR4	12/17/2018 10:37	0.03				SR12					
SR4	12/17/2018 10:57	0.06				SR12					
SR4	12/17/2018 11:17	0.06				SR12					
SR4	12/17/2018 11:37	0.04				SR12	12/17/2018 11:37	0.07			
SR4	12/17/2018 11:57	0.05				SR12	12/17/2018 11:57	0.03			
SR4	12/17/2018 12:17	0.03				SR12	12/17/2018 12:17	0.07			
SR4	12/17/2018 12:37	0.04				SR12	12/17/2018 12:37	0.03			
SR4	12/17/2018 12:57	0.03				SR12	12/17/2018 12:57	0.06			
SR4						SR12	12/17/2018 13:17	0.06			
SR4						SR12	12/17/2018 13:37	0.01			
SR4						SR12	12/17/2018 13:57	0.05			
SR4						SR12	12/17/2018 14:17	0.04			
SR4	12/17/2018 14:37	0.03				SR12	12/17/2018 14:37	0.01			
SR4	12/17/2018 14:57	0.03				SR12	12/17/2018 14:57	0.02			
SR4	12/17/2018 15:17	0.04				SR12	12/17/2018 15:17	0.06			
SR4	12/17/2018 15:37	0.05				SR12	12/17/2018 15:37	0.04			
SR4	12/17/2018 15:57	0.04				SR12	12/17/2018 15:57	0.04			
SR4	12/17/2018 16:17	0.05				SR12	12/17/2018 16:17	0.06			
SR4	12/17/2018 16:37	0.03				SR12	12/17/2018 16:37	0.01			
SR4	12/17/2018 16:57	0.06				SR12	12/17/2018 16:57	0.04			
SR4	12/17/2018 17:17	0.05				SR12	12/17/2018 17:17	0.08			
SR4	12/17/2018 17:37	0.03				SR12	12/17/2018 17:37	0.04			
SR4	12/17/2018 17:57	0.05				SR12	12/17/2018 17:57	0.06			
SR4	12/17/2018 18:17	0.03				SR12	12/17/2018 18:17	0.04			
SR4	12/17/2018 18:37	0.03				SR12	12/17/2018 18:37	0.04			
SR4	12/17/2018 18:57	0.03				SR12	12/17/2018 18:57	0.06			
SR4	12/17/2018 19:17	0.04				SR12	12/17/2018 19:17	0.01			
SR4	12/17/2018 19:37	0.05				SR12	12/17/2018 19:37	0.04			
SR4	12/17/2018 19:57	0.04				SR12	12/17/2018 19:57	0.03			
SR4	12/17/2018 20:17	0.06				SR12	12/17/2018 20:17	0.02			
SR4	12/17/2018 20:37	0.03				SR12	12/17/2018 20:37	0.05			
SR4	12/17/2018 20:57	0.04				SR12	12/17/2018 20:57	0.04			
SR4	12/17/2018 21:17	0.06				SR12	12/17/2018 21:17	0.07			
SR4	12/17/2018 21:37	0.05				SR12	12/17/2018 21:37	0.02			
SR4	12/17/2018 21:57	0.05				SR12	12/17/2018 21:57	0.05			
SR4	12/17/2018 22:17	0.05				SR12	12/17/2018 22:17	0.05			
SR4	12/17/2018 22:37	0.06				SR12	12/17/2018 22:37	0.06			
SR4	12/17/2018 22:57	0.06				SR12	12/17/2018 22:57	0.06			
SR4	12/17/2018 23:17	0.03				SR12	12/17/2018 23:17	0.06			
SR4	12/17/2018 23:37	0.05				SR12	12/17/2018 23:37	0.02			
SR4	12/17/2018 23:57	0.04				SR12	12/17/2018 23:57	0.05			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.
SR4 monitoring station was under maintenance during 13:16-14:16.
SR12 monitoring station was under maintenance during 10:01-11:01.
SR13 monitoring station was under maintenance during 14:55-15:25.

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/18/2018 0:01	20.78	74.3	5.49	1.8	SR4	12/18/2018 6:01	20.72	69.0	5.11	5.4	SR4	12/18/2018 12:01	21.13	72.9	5.37	3.2	SR4	12/18/2018 18:01	20.79	75.7	5.60	2.3
SR4	12/18/2018 0:06	20.79	75.5	5.58	1.6	SR4	12/18/2018 6:06	20.73	71.3	5.27	4.0	SR4	12/18/2018 12:06	20.87	76.7	5.66	4.5	SR4	12/18/2018 18:06	20.78	76.5	5.66	3.4
SR4	12/18/2018 0:11	20.79	75.5	5.58	2.1	SR4	12/18/2018 6:11	20.72	71.5	5.29	1.6	SR4	12/18/2018 12:11	20.76	79.2	5.86	5.8	SR4	12/18/2018 18:11	20.79	75.9	5.61	2.7
SR4	12/18/2018 0:16	20.77	75.8	5.61	1.6	SR4	12/18/2018 6:16	20.73	72.5	5.37	1.8	SR4	12/18/2018 12:16	21.21	76.5	5.63	2.6	SR4	12/18/2018 18:16	20.79	74.8	5.53	3.2
SR4	12/18/2018 0:21	20.78	75.9	5.61	1.7	SR4	12/18/2018 6:21	20.71	71.8	5.31	4.6	SR4	12/18/2018 12:21	21.16	71.4	5.29	5.0	SR4	12/18/2018 18:21	20.78	74.9	5.54	2.6
SR4	12/18/2018 0:26	20.76	73.8	5.46	4.5	SR4	12/18/2018 6:26	20.73	71.7	5.30	1.2	SR4	12/18/2018 12:26	21.45	69.9	5.14	2.1	SR4	12/18/2018 18:26	20.78	74.5	5.51	2.1
SR4	12/18/2018 0:31	20.77	75.3	5.57	1.4	SR4	12/18/2018 6:31	20.71	71.0	5.25	3.7	SR4	12/18/2018 12:31	21.22	72.3	5.33	3.2	SR4	12/18/2018 18:31	20.78	74.3	5.49	2.4
SR4	12/18/2018 0:36	20.78	75.3	5.57	1.5	SR4	12/18/2018 6:36	20.72	72.7	5.38	1.3	SR4	12/18/2018 12:36	21.25	67.2	4.98	3.8	SR4	12/18/2018 18:36	20.78	74.8	5.53	2.3
SR4	12/18/2018 0:41	20.78	75.8	5.61	1.4	SR4	12/18/2018 6:41	20.70	71.7	5.31	2.7	SR4	12/18/2018 12:41	21.24	67.2	4.97	3.1	SR4	12/18/2018 18:41	20.78	74.7	5.52	2.4
SR4	12/18/2018 0:46	20.80	75.7	5.60	2.0	SR4	12/18/2018 6:46	20.71	71.3	5.28	1.8	SR4	12/18/2018 12:46	21.25	68.4	5.07	3.0	SR4	12/18/2018 18:46	20.77	75.4	5.58	2.6
SR4	12/18/2018 0:51	20.78	75.9	5.61	1.8	SR4	12/18/2018 6:51	20.72	72.5	5.37	1.5	SR4	12/18/2018 12:51	21.22	71.7	5.31	2.6	SR4	12/18/2018 18:51	20.76	74.8	5.53	1.9
SR4	12/18/2018 0:56	20.79	75.2	5.56	1.7	SR4	12/18/2018 6:56	20.73	71.2	5.27	1.9	SR4	12/18/2018 12:56	21.18	74.8	5.56	2.6	SR4	12/18/2018 18:56	20.77	73.8	5.46	2.2
SR4	12/18/2018 1:01	20.77	73.2	5.41	4.5	SR4	12/18/2018 7:01	20.73	71.5	5.29	1.9	SR4	12/18/2018 13:01	21.39	62.2	4.66	3.9	SR4	12/18/2018 19:01	20.76	73.0	5.40	2.0
SR4	12/18/2018 1:06	20.80	73.2	5.41	1.0	SR4	12/18/2018 7:06	20.71	71.6	5.30	1.3	SR4	12/18/2018 13:06	20.99	69.9	5.22	2.9	SR4	12/18/2018 19:06	20.76	72.5	5.36	1.4
SR4	12/18/2018 1:11	20.81	71.6	5.29	1.3	SR4	12/18/2018 7:11	20.70	71.9	5.32	1.1	SR4	12/18/2018 13:11	21.26	63.1	4.66	2.9	SR4	12/18/2018 19:11	20.77	74.7	5.52	1.9
SR4	12/18/2018 1:16	20.81	74.4	5.50	1.9	SR4	12/18/2018 7:16	20.69	68.6	5.08	3.2	SR4	12/18/2018 13:16	21.17	67.8	5.00	2.5	SR4	12/18/2018 19:16	20.74	73.9	5.47	1.6
SR4	12/18/2018 1:21	20.82	76.8	5.67	2.7	SR4	12/18/2018 7:21	20.73	69.7	5.16	1.0	SR4	12/18/2018 13:21	21.00	75.5	5.57	3.9	SR4	12/18/2018 19:21	20.76	71.7	5.31	2.0
SR4	12/18/2018 1:26	20.82	76.4	5.65	2.3	SR4	12/18/2018 7:26	20.71	72.9	5.39	1.8	SR4	12/18/2018 13:26	20.89	76.8	5.67	3.2	SR4	12/18/2018 19:26	20.77	75.1	5.55	2.3
SR4	12/18/2018 1:31	20.80	76.0	5.62	2.0	SR4	12/18/2018 7:31	20.70	71.2	5.27	1.7	SR4	12/18/2018 13:31	20.92	75.9	5.61	3.2	SR4	12/18/2018 19:31	20.76	74.6	5.52	2.2
SR4	12/18/2018 1:36	20.80	76.7	5.67	2.6	SR4	12/18/2018 7:36	20.71	72.4	5.36	3.0	SR4	12/18/2018 13:36	21.06	65.4	4.84	4.0	SR4	12/18/2018 19:36	20.76	75.5	5.59	1.6
SR4	12/18/2018 1:41	20.81	77.2	5.71	2.7	SR4	12/18/2018 7:41	20.72	74.2	5.49	2.7	SR4	12/18/2018 13:41	20.94	74.1	5.47	4.8	SR4	12/18/2018 19:41	20.76	73.8	5.46	1.4
SR4	12/18/2018 1:46	20.81	78.0	5.76	3.1	SR4	12/18/2018 7:46	20.72	75.5	5.59	3.8	SR4	12/18/2018 13:46	20.88	75.9	5.61	3.5	SR4	12/18/2018 19:46	20.76	75.9	5.61	3.2
SR4	12/18/2018 1:51	20.80	77.6	5.73	2.7	SR4	12/18/2018 7:51	20.72	76.6	5.67	3.3	SR4	12/18/2018 13:51	20.91	75.7	5.59	3.6	SR4	12/18/2018 19:51	20.75	76.8	5.68	2.2
SR4	12/18/2018 1:56	20.80	78.1	5.77	2.3	SR4	12/18/2018 7:56	20.72	77.2	5.71	2.8	SR4	12/18/2018 13:56	20.88	75.8	5.60	4.6	SR4	12/18/2018 19:56	20.75	75.2	5.56	3.3
SR4	12/18/2018 2:01	20.78	78.4	5.79	2.1	SR4	12/18/2018 8:01	20.72	77.1	5.70	2.4	SR4	12/18/2018 14:01	20.87	77.3	5.71	3.8	SR4	12/18/2018 20:01	20.75	75.7	5.60	3.2
SR4	12/18/2018 2:06	20.78	77.3	5.71	2.3	SR4	12/18/2018 8:06	20.73	76.7	5.68	3.0	SR4	12/18/2018 14:06	20.87	77.2	5.70	3.6	SR4	12/18/2018 20:06	20.74	75.6	5.59	2.2
SR4	12/18/2018 2:11	20.79	77.2	5.70	2.3	SR4	12/18/2018 8:11	20.73	75.9	5.61	2.6	SR4	12/18/2018 14:11	20.82	77.8	5.75	2.7	SR4	12/18/2018 20:11	20.75	76.9	5.69	1.8
SR4	12/18/2018 2:16	20.78	75.5	5.58	1.8	SR4	12/18/2018 8:16	20.72	74.6	5.52	2.4	SR4	12/18/2018 14:16	20.83	77.3	5.71	2.3	SR4	12/18/2018 20:16	20.74	76.7	5.67	1.9
SR4	12/18/2018 2:21	20.77	76.4	5.65	1.7	SR4	12/18/2018 8:21	20.74	73.7	5.45	3.6	SR4	12/18/2018 14:21	20.83	77.5	5.73	4.6	SR4	12/18/2018 20:21	20.74	76.6	5.67	2.1
SR4	12/18/2018 2:26	20.76	73.1	5.41	1.6	SR4	12/18/2018 8:26	20.74	74.1	5.48	3.0	SR4	12/18/2018 14:26	20.84	78.3	5.78	2.6	SR4	12/18/2018 20:26	20.74	75.7	5.60	1.6
SR4	12/18/2018 2:31	20.74	72.4	5.36	1.5	SR4	12/18/2018 8:31	20.75	75.5	5.58	3.0	SR4	12/18/2018 14:31	20.89	77.4	5.72	2.6	SR4	12/18/2018 20:31	20.74	76.6	5.66	2.4
SR4	12/18/2018 2:36	20.75	75.2	5.56	1.5	SR4	12/18/2018 8:36	20.75	76.6	5.66	3.0	SR4	12/18/2018 14:36	20.86	78.4	5.79	3.0	SR4	12/18/2018 20:36	20.74	76.4	5.65	2.1
SR4	12/18/2018 2:41	20.76	72.0	5.33	1.7	SR4	12/18/2018 8:41	20.75	77.0	5.70	3.3	SR4	12/18/2018 14:41	20.82	77.7	5.75	3.7	SR4	12/18/2018 20:41	20.74	74.7	5.53	1.6
SR4	12/18/2018 2:46	20.75	71.9	5.32	1.8	SR4	12/18/2018 8:46	20.76	76.2	5.63	5.1	SR4	12/18/2018 14:46	20.83	75.8	5.60	1.9	SR4	12/18/2018 20:46	20.74	74.8	5.53	1.2
SR4	12/18/2018 2:51	20.74	74.9	5.54	1.9	SR4	12/18/2018 8:51	20.80	74.5	5.50	3.0	SR4	12/18/2018 14:51	20.81	76.8	5.68	3.1	SR4	12/18/2018 20:51	20.74	74.8	5.53	2.1
SR4	12/18/2018 2:56	20.72	74.5	5.51	1.9	SR4	12/18/2018 8:56	20.78	76.8	5.68	3.7	SR4	12/18/2018 14:56	20.82	76.7	5.67	2.0	SR4	12/18/2018 20:56	20.74	73.7	5.45	1.4
SR4	12/18/2018 3:01	20.75	73.7	5.45	1.8	SR4	12/18/2018 9:01	20.79	77.7	5.74	3.9	SR4	12/18/2018 15:01	20.83	76.6	5.66	2.2	SR4	12/18/2018 21:01	20.74	74.8	5.53	1.8
SR4	12/18/2018 3:06	20.76	74.1	5.48	1.4	SR4	12/18/2018 9:06	20.76	77.9	5.76	4.1	SR4	12/18/2018 15:06	20.85	75.8	5.60	2.3	SR4	12/18/2018 21:06	20.73	75.3	5.58	1.7
SR4	12/18/2018 3:11	20.76	76.0	5.62	2.4	SR4	12/18/2018 9:11	20.76	77.0	5.70	3.4	SR4	12/18/2018 15:11	20.83	76.0	5.62	3.3	SR4	12/18/2018 21:11	20.73	74.9	5.54	1.8
SR4	12/18/2018 3:16	20.75	77.1	5.70	2.0	SR4	12/18/2018 9:16	20.75	78.0	5.77	2.7	SR4	12/18/2018 15:16	20.82	77.0	5.69	2.2	SR4	12/18/2018 21:16	20.74	72.4	5.36	4.2
SR4	12/18/2018 3:21	20.74	77.7	5.75	1.3	SR4	12/18/2018 9:21	20.88	73.9	5.46	1.6	SR4	12/18/2018 15:21	20.81	76.9	5.68	2.6	SR4	12/18/2018 21:21	20.74	74.6	5.52	1.5
SR4	12/18/2018 3:26	20.74	76.8	5.68	2.1	SR4	12/18/2018 9:26	20.82	76.9	5.68	1.9	SR4	12/18/2018 15:26	20.81	76.6	5.66	2.7	SR4	12/18/2018 21:26	20.76	72.8	5.38	1.0
SR4	12/18/2018 3:31	20.74	76.9	5.69	1.6	SR4	12/18/2018 9:31	20.77	77.6	5.74	2.8	SR4	12/18/2018 15:31	20.82	76.3	5.64	2.3	SR4	12/18/2018 21:31	20.74	74.9	5.54	1.5
SR4	12/18/2018 3:36	20.72	77.0	5.69	1.2	SR4	12/18/2018 9:36	20.77	77.5	5.73	2.4	SR4	12/18/2018 15:36	20.84	76.0	5.61	1.9	SR4	12/18/2018 21:36	20.75	72.7	5.37	1.6
SR4	12/18/2018 3:41	20.72	74.6	5.52	1.0	SR4	12/18/2018 9:41	20.80	79.2	5.86	2.2	SR4	12/18/2018 15:41	20.82	75.2	5.56	2.2	SR4	12/18/2018 21:41	20.75	73.1	5.41	1.5
SR4	12/18/2018 3:46	20.72	73.5	5.44	3.2	SR4	12/18/2018 9:46	20.82	76.1	5.62	2.2	SR4	12/18/2018 15:46	20.84	75.5	5.58	2.2	SR4	12/18/2018 21:46	20.76	72.3	5.34	1.1
SR4	12/18/2018 3:51	20.74	74.3	5.50	1.5	SR4	12/18/2018 9:51	20.84	76.6	5.66	1.7	SR4	12/18/2018 15:51	20.83	73.3	5.42	1.9	SR4	12/18/2018 21:51	20.72	75.4	5.58	1.6
SR4	12/18/2018 3:56	20.72	73.6	5.45	3.4	SR4	12/18/2018 9:56	20.84	76.8	5.67	3.2	SR4	12/18/2018 15:56	20.83	74.5	5.50	2.0	SR4	12/18/2018 21:56	20.73	73.2	5.42	1.1
SR4	12/18/2018 4:01	20.73	73.9	5.47	5.1	SR4	12/18/2018 10:01	20.88	75.0	5.54	1.8	SR4	12/18/2018 16:01	20.81	75.0	5.55	2.3	SR4	12/18/2018 22:01	20.75	72.6	5.37	1.9
SR4	12/18/2018 4:06	20.73	73.6	5.45	1.0	SR4	12/18/2018 10:06	20.87	76.0	5.61	1.6	SR4	12/18/2018 16:06	20.84	75.3	5.56	2.1	SR4	12/18/2018 22:06	20.73	74.8	5.54	1.7
SR4	12/18/2018 4:11	20.74	73.5	5.44	2.5	SR4	12/18/2018 10:11	20.91	76.6	5.65	1.6	SR4	12/18/2018 16:11	20.83	76.6	5.66	2.5	SR4	12/18/2018 22:11	20.71	76.0	5.62	2.0
SR4	12/18/2018 4:16	20.72	73.7	5.46	1.8	SR4	12/18/2018 10:16	20.89	71.9	5.31	1.3	SR4	12/18/2018 16:16	20.83	76.6	5.66	2.2	SR4	12/18/2018 22:16	20.72	73.6	5.44	1.2
SR4	12/18/2018 4:21	20.73	75.2	5.57	1.8	SR4	12/18/2018 10:21	20.93	75.1	5.54	1.7	SR4	12/18/2018 16:21	20.83	76.2	5.63	2.2	SR4	12/18/2018 22:21	20.74	71.2	5.27	1.1
SR4	12/18/2018 4:26	20.71	74.5	5.51	1.3	SR4	12/18/2018 10:26	21.08	73.5	5.41	1.0	SR4	12/18/2018 16:26	20.82	76.3	5.64	2.2	SR4	12/18/2018 22:26	20.75	69.4	5.14	1.4
SR4	12/18/2018 4:31	20.72	73.7	5.45	1.6	SR4	12/18/2018 10:31	20.93	72.3	5.35	2.5	SR4	12/18/2018 16:31	20.83	76.8	5.67	3.3	SR4	12/18/2018 22:31	20.72	75.6	5.59	1.4
SR4	12/18/2018 4:36	20.72	71.6	5.30	3.9	SR4	12/18/2018 10:36	20.95	72.0	5.33	2.1	SR4	12/18/2018 16:36	20.82	76.5	5.65	2.7	SR4	12/18/2018 22:36	20.71	76.2	5.64	1.9
SR4	12/18/2018 4:41	20.70	71.9	5.33	1.9	SR4	12/18/2018 10:41	20.95	69.8	5.18	2.1	SR4	12/18/2018 16:41	20.82	76.2	5.63	2.4	SR4	12/18/2018 22:41	20.69	77.0	5.70	2.4
SR4	12/18/2018 4:46	20.72	72.6	5.37	1.8	SR4	12/18/2018 10:46	20.95	62.9	4.69	3.4	SR4	12/18/2018 16:46	20.82	75.1	5.55	2.6	SR4	12/18/2018 22:46	20.69	77.0	5.70	1.6
SR4	12/18/2018 4:51	20.72	72.6	5.37	1.2	SR4	12/18/2018 10:51	21.01	68.7	5.09	2.0	SR4	12/18/2018 16:51	20.79	75.4	5.58	3.2	SR4	12/18/2018 22:51	20.69	75.8	5.61	1.3
SR4	12/18/2018 4:56	20.71	70.8	5.24	1.0	SR4	12/18/2018 10:56	21.03	70.4	5.20	2.8	SR4	12/18/2018 16:56	20.78	75.8	5.61	2.5	SR4	12/18/2018 22:56	20.73	73.8	5.47	4.3
SR4	12/18/2018 5:01	20.72	71.4	5.28	3.6	SR4	12/18/2018 11:01	21.02	71.5	5.27	4.8	SR4	12/18/2018 17:01	20.77	76.9	5.69	3.3	SR4	12/18/2018 23:01	20.70	75.0	5.56	1.3
SR4	12/18/2018 5:06	20.72	72.2	5.35	4.6	SR4	12/18/2018 11:06	21.13	72.5	5.35	2.7	SR4	12/18/2018 17:06	20.78	75.8	5.61	3.4	SR4	12/18/2018 23:06	20.70	75.0	5.56	1.1
SR4	12/18/2018 5:11	20.72	70.8	5.24	3.2	SR4	12/18/2018 11:11	21.22	67.2	4.95	3.4	SR4	12/18/2018 17:11	20.78	75.3	5.57	2.4	SR4	12/18/2018 23:11	20.72	74.8	5.53	1.6
SR4	12/18/2018 5:16	20.73	69.3	5.13	3.1	SR4	12/18/2018 11:16	21.28	69.1	5.09	3.1	SR4	12/18/2018 17:16	20.77	74.9	5.54	2.4	SR4	12/18/2018 23:16	20.76	72.2	5.34	3.7
SR4	12/18/2018 5:21	20.73	69.7	5.16	1.6	SR4	12/18/2018 11:21	21.19	69.8	5.14	3.8	SR4	12/18/2018 17:21	20.77	74.1	5.48	1.7	SR4	12/18/2018 23:21	20.74	72.7	5.38	1.5
SR4	12/18/2018 5:26	20.72	70.1	5.19	1.0	SR4	12/18/2018 11:26	20.96	74.0	5.47	3.6	SR4	12/18/2018 17:26	20.77	74.2	5.49	1.8	SR4	12/18/2018 23:26	20.73	73.8	5.46	1.8
SR4	12/18/2018 5:31	20.73	72.1	5.33	1.2	SR4	12/18/2018 11:31	21.04	76.2	5.62	3.3	SR4	12/18/2018 17:31	20.78	74.9	5.54	2.2	SR4	12/18/2018 23:31	20.74	73.7	5.45	1.2
SR4	12/18/2018 5:36	20.72	73.0	5.40	1.7	SR4	12/18/2018 11:36	20.91	77.3	5.71	2.8	SR4	12/18/2018 17:36	20.78	74.2	5.49	3.1	SR4	12/18/2018 23:36	20.74	73.2	5.41	1.9
SR4	12/18/2018 5:41	20.73	74.0	5.48	2.6	SR4	12/18/2018 11:41	20.89	76.7	5.66	3.6	SR4	12/18/2018 17:41	20.76	74.1	5.48	2.5	SR4	12/18/2018 23:41	20.73	74.6	5.52	1.5
SR4	12/18/2018 5:46	20.73	72.1	5.33	1.1	SR4	12/18/2018 11:46	20.93	77.4	5.72	3.1	SR4	12/18/2018 17:46	20.77	73.9	5.47	1.7	SR4	12/18/2018 23:46	20.74	74.9	5.54	1.9
SR4	12/18/2018 5:51	20.72	69.4	5.14	1.0	SR4	12/18/2018 11:51	21.24	76.5	5.63	1.5	SR4	12/18/2018 17:51	20.80	75.9	5.61	3.1	SR4	12/18/2018 23:51	20.74	74.2	5.49	1.8
SR4	12/18/2018 5:56	20.70	67.8	5.02	3.2	SR4	12/18/2018 11:56	21.34	71.1	5.23	2.4	SR4	12/18/2018 17:56	20.80	75.6	5.59	3.2	SR4	12/18/2018 23:56	20.75	71.3	5.27	4.3

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/18/2018 0:00	21.20	83.0	6.03	3.5	SR5	12/18/2018 6:00	21.14	82.3	5.98	3.1	SR5						SR5	12/18/2018 18:00	21.25	82.9	6.03	4.8
SR5	12/18/2018 0:05	21.17	83.5	6.06	3.6	SR5	12/18/2018 6:05	21.13	82.2	5.97	2.9	SR5						SR5	12/18/2018 18:05	21.24	83.6	6.07	3.8
SR5	12/18/2018 0:10	21.18	84.4	6.13	3.7	SR5	12/18/2018 6:10	21.14	80.1	5.82	3.5	SR5						SR5	12/18/2018 18:10	21.25	86.9	6.31	2.6
SR5	12/18/2018 0:15	21.16	83.8	6.09	3.8	SR5	12/18/2018 6:15	21.15	80.9	5.88	3.9	SR5						SR5	12/18/2018 18:15	21.23	83.9	6.09	4.5
SR5	12/18/2018 0:20	21.17	84.6	6.15	3.2	SR5	12/18/2018 6:20	21.13	82.7	6.01	2.8	SR5						SR5	12/18/2018 18:20	21.21	85.4	6.20	4.4
SR5	12/18/2018 0:25	21.17	83.8	6.09	2.0	SR5	12/18/2018 6:25	21.15	82.2	5.97	3.7	SR5	12/18/2018 12:25	21.28	84.5	6.12	3.8	SR5	12/18/2018 18:25	21.23	85.7	6.22	3.4
SR5	12/18/2018 0:30	21.16	81.5	5.92	3.2	SR5	12/18/2018 6:30	21.14	80.6	5.86	4.2	SR5	12/18/2018 12:30	21.29	83.6	6.06	1.7	SR5	12/18/2018 18:30	21.22	83.2	6.04	2.9
SR5	12/18/2018 0:35	21.15	83.0	6.02	2.6	SR5	12/18/2018 6:35	21.13	82.4	5.98	1.8	SR5	12/18/2018 12:35	21.31	83.2	6.04	4.7	SR5	12/18/2018 18:35	21.22	82.7	6.01	3.2
SR5	12/18/2018 0:40	21.17	81.8	5.94	2.6	SR5	12/18/2018 6:40	21.14	80.2	5.83	3.1	SR5	12/18/2018 12:40	21.29	84.0	6.10	5.0	SR5	12/18/2018 18:40	21.21	84.4	6.13	3.9
SR5	12/18/2018 0:45	21.16	81.3	5.91	3.5	SR5	12/18/2018 6:45	21.14	82.8	6.01	2.5	SR5	12/18/2018 12:45	21.28	84.8	6.16	3.0	SR5	12/18/2018 18:45	21.20	83.0	6.03	3.8
SR5	12/18/2018 0:50	21.18	84.2	6.11	1.4	SR5	12/18/2018 6:50	21.12	82.2	5.97	3.0	SR5	12/18/2018 12:50	21.29	84.9	6.16	3.6	SR5	12/18/2018 18:50	21.20	85.7	6.22	2.6
SR5	12/18/2018 0:55	21.17	81.3	5.91	3.4	SR5	12/18/2018 6:55	21.14	79.7	5.79	3.2	SR5	12/18/2018 12:55	21.27	86.9	6.31	4.1	SR5	12/18/2018 18:55	21.21	84.8	6.16	2.9
SR5	12/18/2018 1:00	21.16	82.3	5.97	4.4	SR5	12/18/2018 7:00	21.13	81.7	5.94	3.5	SR5	12/18/2018 13:00	21.30	80.6	5.86	4.1	SR5	12/18/2018 19:00	21.21	86.1	6.25	3.0
SR5	12/18/2018 1:05	21.17	80.6	5.85	2.3	SR5	12/18/2018 7:05	21.12	80.0	5.81	3.3	SR5	12/18/2018 13:05	21.37	85.0	6.18	2.5	SR5	12/18/2018 19:05	21.21	84.1	6.11	2.2
SR5	12/18/2018 1:10	21.17	81.2	5.90	2.7	SR5	12/18/2018 7:10	21.12	81.1	5.89	3.9	SR5	12/18/2018 13:10	21.29	80.3	5.82	4.4	SR5	12/18/2018 19:10	21.21	83.9	6.09	3.7
SR5	12/18/2018 1:15	21.15	83.3	6.05	2.4	SR5	12/18/2018 7:15	21.13	79.2	5.76	4.5	SR5	12/18/2018 13:15	21.32	83.3	6.04	3.7	SR5	12/18/2018 19:15	21.21	83.1	6.04	3.4
SR5	12/18/2018 1:20	21.15	84.0	6.10	3.1	SR5	12/18/2018 7:20	21.13	80.3	5.83	1.5	SR5	12/18/2018 13:20	21.38	85.2	6.18	3.8	SR5	12/18/2018 19:20	21.20	82.0	5.96	3.8
SR5	12/18/2018 1:25	21.15	83.9	6.09	2.5	SR5	12/18/2018 7:25	21.13	82.8	6.01	4.0	SR5	12/18/2018 13:25	21.35	83.1	6.04	3.5	SR5	12/18/2018 19:25	21.19	85.8	6.23	3.2
SR5	12/18/2018 1:30	21.16	83.2	6.05	2.6	SR5	12/18/2018 7:30	21.13	79.7	5.79	2.6	SR5	12/18/2018 13:30	21.43	83.5	6.07	5.0	SR5	12/18/2018 19:30	21.20	83.8	6.09	3.7
SR5	12/18/2018 1:35	21.16	82.5	5.99	2.3	SR5	12/18/2018 7:35	21.13	82.1	5.97	3.2	SR5	12/18/2018 13:35	21.33	80.3	5.83	2.9	SR5	12/18/2018 19:35	21.20	84.4	6.13	3.8
SR5	12/18/2018 1:40	21.16	83.6	6.08	2.6	SR5	12/18/2018 7:40	21.14	81.4	5.92	2.9	SR5	12/18/2018 13:40	21.29	84.9	6.16	3.6	SR5	12/18/2018 19:40	21.19	85.1	6.18	2.7
SR5	12/18/2018 1:45	21.16	83.1	6.04	3.6	SR5	12/18/2018 7:45	21.14	81.2	5.90	3.9	SR5	12/18/2018 13:45	21.23	86.6	6.29	2.4	SR5	12/18/2018 19:45	21.19	83.2	6.04	4.6
SR5	12/18/2018 1:50	21.17	82.2	5.97	2.4	SR5	12/18/2018 7:50	21.14	81.1	5.90	4.2	SR5	12/18/2018 13:50	21.28	84.8	6.15	3.2	SR5	12/18/2018 19:50	21.19	87.3	6.34	2.7
SR5	12/18/2018 1:55	21.16	82.7	6.00	2.3	SR5	12/18/2018 7:55	21.14	82.5	6.00	2.1	SR5	12/18/2018 13:55	21.25	83.8	6.08	4.0	SR5	12/18/2018 19:55	21.19	86.9	6.31	3.3
SR5	12/18/2018 2:00	21.14	84.4	6.13	2.5	SR5	12/18/2018 8:00	21.13	82.4	5.99	3.4	SR5	12/18/2018 14:00	21.26	85.8	6.23	4.1	SR5	12/18/2018 20:00	21.20	85.7	6.23	2.7
SR5	12/18/2018 2:05	21.15	82.7	6.01	3.3	SR5	12/18/2018 8:05	21.13	83.3	6.05	3.5	SR5	12/18/2018 14:05	21.26	84.6	6.14	3.8	SR5	12/18/2018 20:05	21.19	86.9	6.31	3.7
SR5	12/18/2018 2:10	21.13	83.5	6.06	3.4	SR5	12/18/2018 8:10	21.14	86.1	6.25	2.7	SR5	12/18/2018 14:10	21.26	83.4	6.06	2.2	SR5	12/18/2018 20:10	21.19	87.3	6.34	3.3
SR5	12/18/2018 2:15	21.15	83.2	6.04	2.6	SR5	12/18/2018 8:15	21.14	82.8	6.01	1.8	SR5	12/18/2018 14:15	21.27	85.7	6.22	4.0	SR5	12/18/2018 20:15	21.19	84.1	6.11	4.3
SR5	12/18/2018 2:20	21.14	83.1	6.04	4.0	SR5	12/18/2018 8:20	21.15	83.8	6.08	4.9	SR5	12/18/2018 14:20	21.27	87.2	6.33	4.5	SR5	12/18/2018 20:20	21.19	87.6	6.36	4.3
SR5	12/18/2018 2:25	21.14	83.7	6.08	2.7	SR5	12/18/2018 8:25	21.15	85.2	6.19	2.7	SR5	12/18/2018 14:25	21.26	84.2	6.11	3.7	SR5	12/18/2018 20:25	21.19	85.9	6.24	3.6
SR5	12/18/2018 2:30	21.16	81.1	5.89	2.7	SR5	12/18/2018 8:30	21.14	86.6	6.29	3.8	SR5	12/18/2018 14:30	21.26	83.1	6.03	2.2	SR5	12/18/2018 20:30	21.18	85.9	6.24	3.2
SR5	12/18/2018 2:35	21.14	82.6	6.00	2.1	SR5	12/18/2018 8:35	21.14	86.6	6.29	3.9	SR5	12/18/2018 14:35	21.27	87.2	6.33	2.7	SR5	12/18/2018 20:35	21.19	84.1	6.11	2.9
SR5	12/18/2018 2:40	21.14	81.0	5.89	2.6	SR5	12/18/2018 8:40	21.14	87.5	6.35	4.3	SR5	12/18/2018 14:40	21.26	85.7	6.22	4.6	SR5	12/18/2018 20:40	21.19	83.6	6.08	2.0
SR5	12/18/2018 2:45	21.13	82.4	5.98	2.0	SR5	12/18/2018 8:45	21.14	85.6	6.22	3.7	SR5	12/18/2018 14:45	21.25	86.4	6.28	4.1	SR5	12/18/2018 20:45	21.18	86.7	6.29	2.8
SR5	12/18/2018 2:50	21.15	84.1	6.11	4.7	SR5	12/18/2018 8:50	21.14	84.5	6.14	2.6	SR5	12/18/2018 14:50	21.23	86.7	6.29	4.1	SR5	12/18/2018 20:50	21.19	85.4	6.20	3.7
SR5	12/18/2018 2:55	21.15	81.9	5.95	3.8	SR5	12/18/2018 8:55	21.13	85.7	6.22	4.1	SR5	12/18/2018 14:55	21.24	85.1	6.18	3.3	SR5	12/18/2018 20:55	21.18	84.1	6.11	3.9
SR5	12/18/2018 3:00	21.15	81.8	5.94	4.6	SR5	12/18/2018 9:00	21.12	85.3	6.20	2.1	SR5	12/18/2018 15:00	21.24	85.2	6.18	2.3	SR5	12/18/2018 21:00	21.18	84.7	6.15	1.6
SR5	12/18/2018 3:05	21.16	82.4	5.98	4.8	SR5	12/18/2018 9:05	21.12	87.3	6.34	3.8	SR5	12/18/2018 15:05	21.23	86.9	6.31	2.0	SR5	12/18/2018 21:05	21.17	83.7	6.09	2.8
SR5	12/18/2018 3:10	21.16	82.1	5.96	5.2	SR5	12/18/2018 9:10	21.12	84.7	6.15	3.1	SR5	12/18/2018 15:10	21.25	85.2	6.18	2.4	SR5	12/18/2018 21:10	21.16	85.9	6.24	3.2
SR5	12/18/2018 3:15	21.17	81.7	5.93	4.5	SR5	12/18/2018 9:15	21.13	84.7	6.16	3.6	SR5	12/18/2018 15:15	21.25	87.3	6.34	2.3	SR5	12/18/2018 21:15	21.17	85.5	6.21	3.2
SR5	12/18/2018 3:20	21.17	84.6	6.14	4.4	SR5	12/18/2018 9:20	21.13	82.4	5.98	2.7	SR5	12/18/2018 15:20	21.25	83.2	6.04	2.1	SR5	12/18/2018 21:20	21.16	83.3	6.05	4.3
SR5	12/18/2018 3:25	21.17	84.1	6.11	3.2	SR5	12/18/2018 9:25	21.13	86.8	6.30	3.3	SR5	12/18/2018 15:25	21.34	84.5	6.13	3.5	SR5	12/18/2018 21:25	21.16	82.3	5.98	2.0
SR5	12/18/2018 3:30	21.17	83.8	6.08	2.4	SR5	12/18/2018 9:30	21.13	84.8	6.16	4.1	SR5	12/18/2018 15:30	21.29	86.9	6.31	2.7	SR5	12/18/2018 21:30	21.17	82.9	6.02	1.3
SR5	12/18/2018 3:35	21.17	81.6	5.92	2.2	SR5	12/18/2018 9:35	21.14	86.1	6.25	2.6	SR5	12/18/2018 15:35	21.38	86.9	6.31	4.2	SR5	12/18/2018 21:35	21.17	84.2	6.12	3.4
SR5	12/18/2018 3:40	21.17	81.6	5.93	3.1	SR5	12/18/2018 9:40	21.14	83.9	6.10	3.6	SR5	12/18/2018 15:40	21.36	85.7	6.22	3.1	SR5	12/18/2018 21:40	21.17	82.8	6.02	3.7
SR5	12/18/2018 3:45	21.17	82.4	5.98	2.6	SR5	12/18/2018 9:45	21.15	87.0	6.32	2.7	SR5	12/18/2018 15:45	21.33	84.1	6.10	2.7	SR5	12/18/2018 21:45	21.16	85.2	6.19	2.4
SR5	12/18/2018 3:50	21.17	84.1	6.11	1.8	SR5	12/18/2018 9:50	21.15	83.9	6.10	1.7	SR5	12/18/2018 15:50	21.33	83.7	6.08	3.2	SR5	12/18/2018 21:50	21.16	84.4	6.13	4.0
SR5	12/18/2018 3:55	21.17	83.1	6.04	2.7	SR5	12/18/2018 9:55	21.16	86.9	6.31	3.1	SR5	12/18/2018 15:55	21.28	84.7	6.15	3.6	SR5	12/18/2018 21:55	21.16	84.2	6.12	3.1
SR5	12/18/2018 4:00	21.17	83.1	6.04	4.5	SR5	12/18/2018 10:00	21.16	82.7	6.00	3.8	SR5	12/18/2018 16:00	21.34	84.2	6.12	2.3	SR5	12/18/2018 22:00	21.17	85.5	6.21	2.9
SR5	12/18/2018 4:05	21.16	80.3	5.84	2.2	SR5	12/18/2018 10:05	21.17	86.1	6.25	2.4	SR5	12/18/2018 16:05	21.29	86.2	6.26	2.7	SR5	12/18/2018 22:05	21.16	85.2	6.19	2.6
SR5	12/18/2018 4:10	21.14	81.7	5.94	5.0	SR5	12/18/2018 10:10	21.16	87.5	6.35	1.8	SR5	12/18/2018 16:10	21.29	83.0	6.03	4.0	SR5	12/18/2018 22:10	21.16	86.1	6.25	4.1
SR5	12/18/2018 4:15	21.16	81.6	5.93	2.3	SR5	12/18/2018 10:15	21.17	82.9	6.02	4.4	SR5	12/18/2018 16:15	21.29	85.7	6.22	2.7	SR5	12/18/2018 22:15	21.16	84.2	6.11	4.2
SR5	12/18/2018 4:20	21.14	83.5	6.07	2.3	SR5	12/18/2018 10:20	21.17	83.2	6.04	4.2	SR5	12/18/2018 16:20	21.32	84.9	6.17	2.5	SR5	12/18/2018 22:20	21.15	85.1	6.18	6.4
SR5	12/18/2018 4:25	21.13	80.6	5.86	4.2	SR5	12/18/2018 10:25	21.18	85.2	6.18	1.8	SR5	12/18/2018 16:25	21.32	86.0	6.25	3.7	SR5	12/18/2018 22:25	21.15	85.2	6.19	1.9
SR5	12/18/2018 4:30	21.15	81.6	5.92	2.6	SR5	12/18/2018 10:30	21.18	83.9	6.09	2.0	SR5	12/18/2018 16:30	21.33	83.6	6.07	4.0	SR5	12/18/2018 22:30	21.15	84.0	6.10	2.2
SR5	12/18/2018 4:35	21.14	81.4	5.92	4.6	SR5	12/18/2018 10:35	21.19	86.2	6.26	3.3	SR5	12/18/2018 16:35	21.32	87.1	6.32	2.2	SR5	12/18/2018 22:35	21.15	85.3	6.20	2.2
SR5	12/18/2018 4:40	21.14	80.5	5.85	2.1	SR5	12/18/2018 10:40	21.20	85.3	6.20	3.3	SR5	12/18/2018 16:40	21.31	84.0	6.10	2.1	SR5	12/18/2018 22:40	21.15	83.1	6.04	2.6
SR5	12/18/2018 4:45	21.15	82.9	6.02	2.0	SR5	12/18/2018 10:45	21.19	80.5	5.85	4.2	SR5	12/18/2018 16:45	21.31	86.7	6.30	2.9	SR5	12/18/2018 22:45	21.15	84.3	6.13	2.1
SR5	12/18/2018 4:50	21.15	80.9	5.88	1.0	SR5	12/18/2018 10:50	21.18	84.5	6.13	3.0	SR5	12/18/2018 16:50	21.32	83.3	6.05	4.7	SR5	12/18/2018 22:50	21.15	85.8	6.24	2.5
SR5	12/18/2018 4:55	21.13	82.1	5.96	3.2	SR5	12/18/2018 10:55	21.20	84.0	6.09	2.6	SR5	12/18/2018 16:55	21.29	86.6	6.29	2.9	SR5	12/18/2018 22:55	21.14	82.9	6.03	2.9
SR5	12/18/2018 5:00	21.15	81.0	5.88	2.7	SR5	12/18/2018 11:00	21.19	84.7	6.14	5.2	SR5	12/18/2018 17:00	21.29	86.9	6.31	2.0	SR5	12/18/2018 23:00	21.14	86.1	6.26	2.4
SR5	12/18/2018 5:05	21.15	82.6	6.00	4.7	SR5	12/18/2018 11:05	21.20	83.4	6.05	3.7	SR5	12/18/2018 17:05	21.29	85.1	6.19	3.3	SR5	12/18/2018 23:05	21.14	84.8	6.16	2.7
SR5	12/18/2018 5:10	21.16	79.9	5.80	2.4	SR5	12/18/2018 11:10	21.21	82.3	5.97	2.7	SR5	12/18/2018 17:10	21.28	85.3	6.19	3.9	SR5	12/18/2018 23:10	21.15	84.7	6.15	2.2
SR5	12/18/2018 5:15	21.15	81.4	5.91	3.0	SR5	12/18/2018 11:15	21.22	83.1	6.03	3.3	SR5	12/18/2018 17:15	21.26	84.5	6.13	4.4	SR5	12/18/2018 23:15	21.15	82.6	6.00	3.5
SR5	12/18/2018 5:20	21.15	82.6	6.00	2.8	SR5	12/18/2018 11:20	21.20	81.8	5.94	3.2	SR5	12/18/2018 17:20	21.27	85.9	6.24	4.0	SR5	12/18/2018 23:20	21.14	85.2	6.19	3.5
SR5	12/18/2018 5:25	21.15	80.3	5.83	2.8	SR5	12/18/2018 11:25	21.24	83.0	6.03	2.1	SR5	12/18/2018 17:25	21.24	85.2	6.18	3.1	SR5	12/18/2018 23:25	21.13	85.2	6.19	2.7
SR5	12/18/2018 5:30	21.14	83.2	6.04	2.8	SR5	12/18/2018 11:30	21.20	85.9	6.23	3.7	SR5	12/18/2018 17:30	21.26	85.9	6.24	3.0	SR5	12/18/2018 23:30	21.12	86.8	6.30	2.6
SR5	12/18/2018 5:35	21.14	81.9	5.95	3.6	SR5	12/18/2018 11:35	21.24	86.4	6.27	2.0	SR5	12/18/2018 17:35	21.27	82.5	5.99	2.5	SR5	12/18/2018 23:35	21.13	85.5	6.21	1.4
SR5	12/18/2018 5:40	21.14	80.8	5.87	3.6	SR5	12/18/2018 11:40	21.24	85.4	6.20	4.4	SR5	12/18/2018 17:40	21.24	85.8	6.23	4.7	SR5	12/18/2018 23:40	21.12	86.3	6.27	3.4
SR5	12/18/2018 5:45	21.14	81.8	5.94	1.8	SR5	12/18/2018 11:45	21.24	84.5	6.14	2.0	SR5	12/18/2018 17:45	21.25	85.3	6.19	4.5	SR5	12/18/2018 23:45	21.10	86.2	6.26	3.3
SR5	12/18/2018 5:50	21.14	81.6	5.92	3.8	SR5	12/18/2018 11:50	21.25	83.9	6.09	2.4	SR5	12/18/2018 17:50	21.26	86.4	6.27	4.0	SR5	12/18/2018 23:50	21.08	83.4	6.06	3.9
SR5	12/18/2018 5:55	21.14	78.7	5.72	2.2	SR5	12/18/2018 11:55	21.25	82.4	5.97	2.6	SR5	12/18/2018 17:55	21.26	84.9	6.17	3.8	SR5	12/18/2018 23:55	21.07	86.5	6.28	3.8

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/18/2018 0:01	21.54	78.0	5.68	2.2	SR12	12/18/2018 6:01	21.52	76.9	5.61	5.4	SR12	12/18/2018 12:01	21.51	79.6	5.81	4.8	SR12	12/18/2018 18:01	21.52	78.3	5.71	5.2
SR12	12/18/2018 0:06	21.59	76.9	5.60	1.9	SR12	12/18/2018 6:06	21.51	76.6	5.58	3.3	SR12	12/18/2018 12:06	21.49	79.6	5.80	5.5	SR12	12/18/2018 18:06	21.53	78.0	5.69	1.1
SR12	12/18/2018 0:11	21.56	77.8	5.67	2.6	SR12	12/18/2018 6:11	21.50	76.9	5.60	1.1	SR12	12/18/2018 12:11	21.51	79.6	5.80	4.4	SR12	12/18/2018 18:11	21.52	77.4	5.64	1.9
SR12	12/18/2018 0:16	21.54	78.4	5.71	3.4	SR12	12/18/2018 6:16	21.50	76.1	5.55	5.5	SR12	12/18/2018 12:16	21.52	78.9	5.75	4.0	SR12	12/18/2018 18:16	21.53	77.6	5.66	5.0
SR12	12/18/2018 0:21	21.54	78.5	5.72	2.7	SR12	12/18/2018 6:21	21.50	76.3	5.57	2.9	SR12	12/18/2018 12:21	21.58	78.5	5.72	3.1	SR12	12/18/2018 18:21	21.53	77.9	5.68	4.8
SR12	12/18/2018 0:26	21.52	78.8	5.75	1.9	SR12	12/18/2018 6:26	21.49	76.4	5.57	3.4	SR12	12/18/2018 12:26	21.58	78.4	5.71	3.0	SR12	12/18/2018 18:26	21.53	77.5	5.65	2.7
SR12	12/18/2018 0:31	21.53	78.1	5.69	1.8	SR12	12/18/2018 6:31	21.49	76.5	5.58	1.6	SR12	12/18/2018 12:31	21.60	78.0	5.68	1.5	SR12	12/18/2018 18:31	21.53	78.2	5.70	4.6
SR12	12/18/2018 0:36	21.53	78.4	5.71	3.9	SR12	12/18/2018 6:36	21.52	76.4	5.57	2.2	SR12	12/18/2018 12:36	21.54	78.2	5.70	4.9	SR12	12/18/2018 18:36	21.53	77.6	5.66	1.9
SR12	12/18/2018 0:41	21.53	77.8	5.67	4.5	SR12	12/18/2018 6:41	21.54	76.5	5.57	2.4	SR12	12/18/2018 12:41	21.55	77.8	5.67	5.2	SR12	12/18/2018 18:41	21.54	77.6	5.65	2.0
SR12	12/18/2018 0:46	21.54	78.1	5.69	2.4	SR12	12/18/2018 6:46	21.53	76.6	5.58	1.1	SR12	12/18/2018 12:46	21.53	77.7	5.66	3.9	SR12	12/18/2018 18:46	21.54	77.0	5.61	1.5
SR12	12/18/2018 0:51	21.54	77.8	5.67	1.5	SR12	12/18/2018 6:51	21.52	76.6	5.58	4.8	SR12	12/18/2018 12:51	21.54	77.5	5.65	3.3	SR12	12/18/2018 18:51	21.53	77.5	5.65	3.5
SR12	12/18/2018 0:56	21.53	78.0	5.68	2.5	SR12	12/18/2018 6:56	21.49	77.2	5.63	1.9	SR12	12/18/2018 12:56	21.60	77.9	5.67	3.0	SR12	12/18/2018 18:56	21.54	77.2	5.63	4.9
SR12	12/18/2018 1:01	21.54	77.7	5.66	3.9	SR12	12/18/2018 7:01	21.48	77.1	5.63	2.1	SR12	12/18/2018 13:01	21.58	77.3	5.63	2.3	SR12	12/18/2018 19:01	21.53	76.8	5.60	3.2
SR12	12/18/2018 1:06	21.55	77.4	5.64	5.3	SR12	12/18/2018 7:06	21.48	77.8	5.68	3.6	SR12	12/18/2018 13:06	21.55	77.5	5.65	3.7	SR12	12/18/2018 19:06	21.53	76.9	5.61	3.5
SR12	12/18/2018 1:11	21.57	77.2	5.62	3.2	SR12	12/18/2018 7:11	21.49	77.8	5.67	4.7	SR12	12/18/2018 13:11	21.61	77.7	5.66	4.2	SR12	12/18/2018 19:11	21.52	76.6	5.58	5.0
SR12	12/18/2018 1:16	21.56	77.7	5.66	4.1	SR12	12/18/2018 7:16	21.49	77.6	5.66	3.3	SR12	12/18/2018 13:16	21.63	77.4	5.63	3.2	SR12	12/18/2018 19:16	21.52	77.5	5.65	3.9
SR12	12/18/2018 1:21	21.55	78.0	5.69	2.7	SR12	12/18/2018 7:21	21.48	78.0	5.69	3.8	SR12	12/18/2018 13:21	21.59	77.3	5.63	5.5	SR12	12/18/2018 19:21	21.52	77.2	5.63	4.7
SR12	12/18/2018 1:26	21.55	77.4	5.64	3.5	SR12	12/18/2018 7:26	21.48	77.9	5.68	5.5	SR12	12/18/2018 13:26	21.58	77.6	5.66	4.7	SR12	12/18/2018 19:26	21.52	78.1	5.69	5.4
SR12	12/18/2018 1:31	21.54	77.0	5.61	5.0	SR12	12/18/2018 7:31	21.50	77.4	5.64	3.8	SR12	12/18/2018 13:31	21.58	76.8	5.60	5.1	SR12	12/18/2018 19:31	21.55	77.0	5.61	1.6
SR12	12/18/2018 1:36	21.55	77.3	5.63	2.0	SR12	12/18/2018 7:36	21.54	77.2	5.63	3.6	SR12	12/18/2018 13:36	21.58	77.6	5.65	3.0	SR12	12/18/2018 19:36	21.53	77.4	5.64	2.3
SR12	12/18/2018 1:41	21.55	77.4	5.64	2.1	SR12	12/18/2018 7:41	21.51	76.7	5.60	5.4	SR12	12/18/2018 13:41	21.58	77.2	5.62	1.7	SR12	12/18/2018 19:41	21.52	77.5	5.65	1.1
SR12	12/18/2018 1:46	21.55	77.0	5.61	2.8	SR12	12/18/2018 7:46	21.54	76.7	5.59	1.8	SR12	12/18/2018 13:46	21.60	77.1	5.61	3.4	SR12	12/18/2018 19:46	21.51	77.2	5.63	4.9
SR12	12/18/2018 1:51	21.56	77.1	5.61	5.1	SR12	12/18/2018 7:51	21.51	77.9	5.68	4.2	SR12	12/18/2018 13:51	21.58	77.0	5.61	1.5	SR12	12/18/2018 19:51	21.52	77.6	5.66	5.4
SR12	12/18/2018 1:56	21.56	77.3	5.63	2.9	SR12	12/18/2018 7:56	21.53	77.1	5.62	2.3	SR12	12/18/2018 13:56	21.57	77.3	5.64	2.5	SR12	12/18/2018 19:56	21.52	77.5	5.65	2.0
SR12	12/18/2018 2:01	21.57	77.4	5.64	2.5	SR12	12/18/2018 8:01	21.52	77.6	5.66	3.6	SR12	12/18/2018 14:01	21.58	77.2	5.62	1.5	SR12	12/18/2018 20:01	21.52	77.4	5.65	4.8
SR12	12/18/2018 2:06	21.59	77.2	5.62	2.3	SR12	12/18/2018 8:06	21.51	77.5	5.65	3.4	SR12	12/18/2018 14:06	21.60	77.1	5.61	2.7	SR12	12/18/2018 20:06	21.50	77.9	5.68	1.1
SR12	12/18/2018 2:11	21.57	76.8	5.59	1.7	SR12	12/18/2018 8:11	21.51	77.5	5.65	3.4	SR12	12/18/2018 14:11	21.58	77.8	5.67	3.9	SR12	12/18/2018 20:11	21.49	78.0	5.69	3.4
SR12	12/18/2018 2:16	21.58	77.4	5.63	4.1	SR12	12/18/2018 8:16	21.50	77.5	5.65	2.8	SR12	12/18/2018 14:16	21.60	77.5	5.64	2.5	SR12	12/18/2018 20:16	21.50	78.0	5.69	5.4
SR12	12/18/2018 2:21	21.56	78.4	5.71	3.8	SR12	12/18/2018 8:21	21.50	77.5	5.65	5.2	SR12	12/18/2018 14:21	21.58	78.1	5.69	1.6	SR12	12/18/2018 20:21	21.49	78.9	5.75	4.9
SR12	12/18/2018 2:26	21.56	78.2	5.70	1.2	SR12	12/18/2018 8:26	21.51	77.5	5.65	2.0	SR12	12/18/2018 14:26	21.60	77.5	5.64	5.1	SR12	12/18/2018 20:26	21.49	78.9	5.75	4.9
SR12	12/18/2018 2:31	21.56	78.7	5.74	1.4	SR12	12/18/2018 8:31	21.49	77.7	5.67	4.7	SR12	12/18/2018 14:31	21.59	77.2	5.62	2.0	SR12	12/18/2018 20:31	21.49	78.9	5.76	2.0
SR12	12/18/2018 2:36	21.56	78.3	5.70	4.6	SR12	12/18/2018 8:36	21.50	77.9	5.68	3.0	SR12	12/18/2018 14:36	21.57	77.7	5.66	2.4	SR12	12/18/2018 20:36	21.49	78.5	5.73	2.2
SR12	12/18/2018 2:41	21.56	78.6	5.73	4.2	SR12	12/18/2018 8:41	21.50	78.0	5.68	2.9	SR12	12/18/2018 14:41	21.56	77.3	5.63	4.8	SR12	12/18/2018 20:41	21.47	78.9	5.76	4.1
SR12	12/18/2018 2:46	21.55	79.2	5.77	2.3	SR12	12/18/2018 8:46	21.50	77.8	5.68	2.5	SR12	12/18/2018 14:46	21.55	77.8	5.67	4.1	SR12	12/18/2018 20:46	21.47	79.3	5.79	1.7
SR12	12/18/2018 2:51	21.57	77.9	5.67	5.0	SR12	12/18/2018 8:51	21.52	78.1	5.69	2.7	SR12	12/18/2018 14:51	21.58	77.7	5.66	1.5	SR12	12/18/2018 20:51	21.50	79.2	5.78	3.5
SR12	12/18/2018 2:56	21.56	79.0	5.75	6.3	SR12	12/18/2018 8:56	21.51	78.3	5.71	5.1	SR12	12/18/2018 14:56	21.56	78.1	5.69	2.5	SR12	12/18/2018 20:56	21.49	78.9	5.75	4.4
SR12	12/18/2018 3:01	21.55	78.9	5.75	4.3	SR12	12/18/2018 9:01	21.50	78.3	5.71	2.7	SR12	12/18/2018 15:01	21.57	77.7	5.66	4.9	SR12	12/18/2018 21:01	21.48	78.7	5.74	2.7
SR12	12/18/2018 3:06	21.56	78.7	5.73	6.6	SR12	12/18/2018 9:06	21.53	78.1	5.69	5.1	SR12	12/18/2018 15:06	21.56	76.9	5.60	3.9	SR12	12/18/2018 21:06	21.48	78.5	5.73	1.2
SR12	12/18/2018 3:11	21.55	78.6	5.72	7.0	SR12	12/18/2018 9:11	21.49	77.9	5.68	3.4	SR12	12/18/2018 15:11	21.55	77.1	5.62	2.8	SR12	12/18/2018 21:11	21.48	78.1	5.70	5.2
SR12	12/18/2018 3:16	21.55	79.0	5.76	8.4	SR12	12/18/2018 9:16	21.50	78.1	5.70	1.6	SR12	12/18/2018 15:16	21.55	77.4	5.64	3.8	SR12	12/18/2018 21:16	21.48	78.2	5.71	1.6
SR12	12/18/2018 3:21	21.57	78.1	5.69	5.0	SR12	12/18/2018 9:21	21.51	77.4	5.65	4.7	SR12	12/18/2018 15:21	21.55	77.1	5.62	2.2	SR12	12/18/2018 21:21	21.47	77.6	5.66	4.9
SR12	12/18/2018 3:26	21.53	79.1	5.77	3.9	SR12	12/18/2018 9:26	21.51	77.2	5.63	1.9	SR12	12/18/2018 15:26	21.54	77.1	5.62	1.1	SR12	12/18/2018 21:26	21.49	76.9	5.61	3.7
SR12	12/18/2018 3:31	21.54	79.0	5.75	3.7	SR12	12/18/2018 9:31	21.50	77.2	5.63	4.5	SR12	12/18/2018 15:31	21.53	77.9	5.68	4.2	SR12	12/18/2018 21:31	21.48	77.5	5.65	2.0
SR12	12/18/2018 3:36	21.52	78.9	5.75	1.5	SR12	12/18/2018 9:36	21.49	77.1	5.63	4.5	SR12	12/18/2018 15:36	21.52	77.1	5.63	4.9	SR12	12/18/2018 21:36	21.49	76.7	5.60	1.3
SR12	12/18/2018 3:41	21.53	77.7	5.66	1.6	SR12	12/18/2018 9:41	21.48	77.4	5.65	3.2	SR12	12/18/2018 15:41	21.54	77.0	5.61	3.3	SR12	12/18/2018 21:41	21.49	76.8	5.60	3.2
SR12	12/18/2018 3:46	21.53	77.8	5.67	1.7	SR12	12/18/2018 9:46	21.47	77.9	5.68	1.8	SR12	12/18/2018 15:46	21.52	77.4	5.64	5.1	SR12	12/18/2018 21:46	21.48	77.2	5.64	5.2
SR12	12/18/2018 3:51	21.52	78.3	5.71	1.5	SR12	12/18/2018 9:51	21.49	77.8	5.68	3.7	SR12	12/18/2018 15:51	21.53	77.4	5.64	1.6	SR12	12/18/2018 21:51	21.48	77.3	5.64	5.5
SR12	12/18/2018 3:56	21.52	78.1	5.70	2.1	SR12	12/18/2018 9:56	21.49	77.6	5.66	4.0	SR12	12/18/2018 15:56	21.53	77.5	5.65	5.3	SR12	12/18/2018 21:56	21.48	77.5	5.65	5.5
SR12	12/18/2018 4:01	21.51	78.7	5.74	1.5	SR12	12/18/2018 10:01	21.49	78.1	5.70	3.3	SR12	12/18/2018 16:01	21.55	77.7	5.67	4.8	SR12	12/18/2018 22:01	21.47	77.2	5.63	4.6
SR12	12/18/2018 4:06	21.51	77.7	5.66	5.2	SR12	12/18/2018 10:06	21.48	78.2	5.71	4.6	SR12	12/18/2018 16:06	21.53	77.1	5.62	1.2	SR12	12/18/2018 22:06	21.49	76.2	5.56	5.3
SR12	12/18/2018 4:11	21.52	77.8	5.67	5.2	SR12	12/18/2018 10:11	21.45	79.0	5.77	2.2	SR12	12/18/2018 16:11	21.55	77.0	5.61	4.3	SR12	12/18/2018 22:11	21.47	77.5	5.66	4.5
SR12	12/18/2018 4:16	21.51	78.0	5.69	4.3	SR12	12/18/2018 10:16	21.45	78.6	5.74	5.1	SR12	12/18/2018 16:16	21.54	76.9	5.61	3.0	SR12	12/18/2018 22:16	21.47	77.6	5.66	4.1
SR12	12/18/2018 4:21	21.53	77.7	5.67	4.4	SR12	12/18/2018 10:21	21.47	78.5	5.73	4.8	SR12	12/18/2018 16:21	21.54	77.2	5.63	1.8	SR12	12/18/2018 22:21	21.45	78.3	5.72	5.1
SR12	12/18/2018 4:26	21.52	78.0	5.69	3.6	SR12	12/18/2018 10:26	21.46	78.4	5.73	2.5	SR12	12/18/2018 16:26	21.55	76.7	5.59	3.2	SR12	12/18/2018 22:26	21.47	77.3	5.64	2.3
SR12	12/18/2018 4:31	21.56	77.9	5.67	1.7	SR12	12/18/2018 10:31	21.47	78.2	5.71	3.2	SR12	12/18/2018 16:31	21.53	78.0	5.69	2.2	SR12	12/18/2018 22:31	21.47	76.9	5.61	1.4
SR12	12/18/2018 4:36	21.53	78.3	5.71	2.7	SR12	12/18/2018 10:36	21.49	78.0	5.69	3.7	SR12	12/18/2018 16:36	21.52	77.5	5.65	1.1	SR12	12/18/2018 22:36	21.47	77.0	5.62	5.2
SR12	12/18/2018 4:41	21.52	78.2	5.70	1.6	SR12	12/18/2018 10:41	21.47	78.3	5.72	2.7	SR12	12/18/2018 16:41	21.53	79.3	5.78	1.3	SR12	12/18/2018 22:41	21.46	76.7	5.60	4.6
SR12	12/18/2018 4:46	21.53	77.7	5.66	3.8	SR12	12/18/2018 10:46	21.53	78.3	5.71	2.7	SR12	12/18/2018 16:46	21.53	78.5	5.72	1.9	SR12	12/18/2018 22:46	21.45	77.3	5.65	5.0
SR12	12/18/2018 4:51	21.53	77.6	5.66	1.3	SR12	12/18/2018 10:51	21.53	78.3	5.71	1.5	SR12	12/18/2018 16:51	21.52	78.5	5.72	3.7	SR12	12/18/2018 22:51	21.44	77.7	5.68	5.0
SR12	12/18/2018 4:56	21.53	77.8	5.67	2.7	SR12	12/18/2018 10:56	21.52	78.5	5.72	2.0	SR12	12/18/2018 16:56	21.52	79.4	5.79	2.5	SR12	12/18/2018 22:56	21.44	78.0	5.70	4.9
SR12	12/18/2018 5:01	21.54	77.9	5.68	4.1	SR12	12/18/2018 11:01	21.52	77.6	5.66	5.4	SR12	12/18/2018 17:01	21.51	79.4	5.79	1.7	SR12	12/18/2018 23:01	21.44	78.2	5.71	3.8
SR12	12/18/2018 5:06	21.53	77.7	5.66	3.9	SR12	12/18/2018 11:06	21.52	78.6	5.73	2.2	SR12	12/18/2018 17:06	21.52	78.4	5.72	3.4	SR12	12/18/2018 23:06	21.44	78.3	5.72	1.4
SR12	12/18/2018 5:11	21.53	78.2	5.70	3.4	SR12	12/18/2018 11:11	21.50	78.9	5.75	1.7	SR12	12/18/2018 17:11	21.52	79.1	5.77	4.0	SR12	12/18/2018 23:11	21.43	78.6	5.74	2.5
SR12	12/18/2018 5:16	21.54	78.2	5.70	1.5	SR12	12/18/2018 11:16	21.51	78.8	5.75	4.2	SR12	12/18/2018 17:16	21.53	79.6	5.80	5.4	SR12	12/18/2018 23:16	21.43	78.5	5.73	3.9
SR12	12/18/2018 5:21	21.54	77.4	5.64	4.7	SR12	12/18/2018 11:21	21.51	78.4	5.72	2.7	SR12	12/18/2018 17:21	21.53	78.6	5.73	4.5	SR12	12/18/2018 23:21	21.43	78.2	5.71	1.2
SR12	12/18/2018 5:26	21.57	77.9	5.67	1.5	SR12	12/18/2018 11:26	21.56	78.2	5.70	2.7	SR12	12/18/2018 17:26	21.53	78.3	5.71	3.2	SR12	12/18/2018 23:26	21.44	77.6	5.67	1.8
SR12	12/18/2018 5:31	21.55	77.6	5.65	5.2	SR12	12/18/2018 11:31	21.53	78.9	5.75	4.8	SR12	12/18/2018 17:31	21.52	78.3	5.71	4.2	SR12	12/18/2018 23:31	21.42	79.0	5.77	5.5
SR12	12/18/2018 5:36	21.53	77.4	5.64	4.0	SR12	12/18/2018 11:36	21.53	78.7	5.73	3.5	SR12	12/18/2018 17:36	21.54	78.0	5.68	3.3	SR12	12/18/2018 23:36	21.42	78.8	5.75	2.0
SR12	12/18/2018 5:41	21.52	77.7	5.66	5.4	SR12	12/18/2018 11:41	21.53	78.7	5.73	2.7	SR12	12/18/2018 17:41	21.53	77.6	5.66	5.5	SR12	12/18/2018 23:41	21.42	78.6	5.74	2.3
SR12	12/18/2018 5:46	21.53	78.0	5.69	4.9	SR12	12/18/2018 11:46	21.53	78.6	5.73	2.9	SR12	12/18/2018 17:46	21.50	77.8	5.67	4.4	SR12	12/18/2018 23:46	21.42	79.5	5.81	4.6
SR12	12/18/2018 5:51	21.52	77.4	5.64	3.6	SR12	12/18/2018 11:51	21.52	78.2	5.70	2.2	SR12	12/18/2018 17:51	21.51	77.7	5.67	1.5	SR12	12/18/2018 23:51	21.41	79.5	5.81	2.7
SR12	12/18/2018 5:56	21.52	76.7	5.59	2.4	SR12	12/18/2018 11:56	21.53	78.7	5.73	4.9	SR12	12/18/2018 17:56	21.52	77.1	5.62	2.8	SR12	12/18/2018 23:56	21.40	80.1	5.85	5.4

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/18/2018 0:00	21.04	85.5	6.15	4.7	SR13	12/18/2018 6:00	21.04	86.1	6.20	3.7	SR13	12/18/2018 12:00	20.52	79.6	5.92	2.3	SR13	12/18/2018 18:00	21.04	87.1	6.27	5.7
SR13	12/18/2018 0:05	21.02	85.7	6.17	4.6	SR13	12/18/2018 6:05	21.06	84.7	6.10	4.6	SR13	12/18/2018 12:05	20.50	79.9	5.93	6.1	SR13	12/18/2018 18:05	21.02	84.7	6.11	5.5
SR13	12/18/2018 0:10	21.03	85.2	6.14	4.6	SR13	12/18/2018 6:10	21.07	85.7	6.17	3.6	SR13	12/18/2018 12:10	20.49	79.7	5.94	5.2	SR13	12/18/2018 18:10	21.04	85.3	6.15	4.8
SR13	12/18/2018 0:15	21.07	83.6	6.02	4.3	SR13	12/18/2018 6:15	21.05	85.6	6.17	5.0	SR13	12/18/2018 12:15	20.49	80.3	5.97	4.8	SR13	12/18/2018 18:15	21.07	85.4	6.16	4.4
SR13	12/18/2018 0:20	21.01	86.3	6.22	5.2	SR13	12/18/2018 6:20	20.99	85.9	6.19	5.3	SR13	12/18/2018 12:20	20.48	80.3	5.98	1.7	SR13	12/18/2018 18:20	21.06	84.2	6.07	4.3
SR13	12/18/2018 0:25	21.03	85.4	6.14	4.5	SR13	12/18/2018 6:25	21.03	84.7	6.10	5.1	SR13	12/18/2018 12:25	20.47	79.8	5.93	4.0	SR13	12/18/2018 18:25	21.07	82.9	5.98	5.1
SR13	12/18/2018 0:30	21.07	84.4	6.08	4.5	SR13	12/18/2018 6:30	21.01	83.7	6.03	4.5	SR13	12/18/2018 12:30	20.46	79.3	5.91	1.8	SR13	12/18/2018 18:30	21.08	83.4	6.01	5.6
SR13	12/18/2018 0:35	21.02	83.7	6.03	4.3	SR13	12/18/2018 6:35	21.01	84.9	6.12	4.9	SR13	12/18/2018 12:35	20.47	78.8	5.85	3.8	SR13	12/18/2018 18:35	21.05	83.3	6.00	4.9
SR13	12/18/2018 0:40	21.01	83.2	5.99	4.6	SR13	12/18/2018 6:40	20.98	83.5	6.02	4.6	SR13	12/18/2018 12:40	20.50	79.0	5.87	4.1	SR13	12/18/2018 18:40	21.05	85.5	6.17	4.6
SR13	12/18/2018 0:45	21.06	84.9	6.12	5.3	SR13	12/18/2018 6:45	21.01	83.7	6.04	5.2	SR13	12/18/2018 12:45	20.43	80.4	6.01	5.2	SR13	12/18/2018 18:45	21.04	83.8	6.04	6.3
SR13	12/18/2018 0:50	21.04	85.9	6.19	5.0	SR13	12/18/2018 6:50	21.05	83.5	6.02	4.1	SR13	12/18/2018 12:50	20.45	80.5	5.98	2.2	SR13	12/18/2018 18:50	21.08	84.3	6.08	3.9
SR13	12/18/2018 0:55	21.01	84.2	6.07	4.4	SR13	12/18/2018 6:55	21.06	83.4	6.01	5.1	SR13	12/18/2018 12:55	20.43	80.8	6.00	5.0	SR13	12/18/2018 18:55	21.04	85.5	6.16	5.0
SR13	12/18/2018 1:00	20.99	85.0	6.12	5.7	SR13	12/18/2018 7:00	21.04	83.4	6.02	4.8	SR13	12/18/2018 13:00	20.44	80.6	5.99	2.6	SR13	12/18/2018 19:00	21.03	82.6	5.96	6.0
SR13	12/18/2018 1:05	21.03	85.7	6.18	4.0	SR13	12/18/2018 7:05	21.06	85.8	6.19	4.2	SR13	12/18/2018 13:05	20.43	81.2	6.05	4.3	SR13	12/18/2018 19:05	21.08	82.9	5.97	5.2
SR13	12/18/2018 1:10	21.00	86.0	6.20	4.9	SR13	12/18/2018 7:10	21.00	85.2	6.14	5.0	SR13	12/18/2018 13:10	20.42	81.3	6.06	5.3	SR13	12/18/2018 19:10	21.04	85.3	6.15	4.7
SR13	12/18/2018 1:15	21.02	83.3	6.01	4.5	SR13	12/18/2018 7:15	21.01	82.8	5.97	4.2	SR13	12/18/2018 13:15	20.43	80.7	6.02	1.5	SR13	12/18/2018 19:15	21.03	85.0	6.13	5.2
SR13	12/18/2018 1:20	21.02	84.2	6.07	5.6	SR13	12/18/2018 7:20	21.05	85.6	6.17	4.9	SR13	12/18/2018 13:20	20.44	80.3	5.97	3.2	SR13	12/18/2018 19:20	21.05	84.3	6.08	4.9
SR13	12/18/2018 1:25	21.06	85.6	6.17	5.8	SR13	12/18/2018 7:25	21.02	85.1	6.13	4.8	SR13	12/18/2018 13:25	20.43	80.7	6.02	3.2	SR13	12/18/2018 19:25	21.08	85.3	6.14	4.5
SR13	12/18/2018 1:30	21.06	85.4	6.16	5.5	SR13	12/18/2018 7:30	21.01	83.6	6.02	4.3	SR13	12/18/2018 13:30	20.43	80.4	5.98	2.6	SR13	12/18/2018 19:30	21.06	84.5	6.09	4.5
SR13	12/18/2018 1:35	21.05	84.9	6.12	4.5	SR13	12/18/2018 7:35	21.05	85.7	6.18	6.0	SR13	12/18/2018 13:35	20.42	80.7	6.01	6.2	SR13	12/18/2018 19:35	21.04	84.1	6.06	4.5
SR13	12/18/2018 1:40	21.06	83.5	6.02	5.3	SR13	12/18/2018 7:40	20.99	84.8	6.11	5.0	SR13	12/18/2018 13:40	20.43	80.5	6.00	2.9	SR13	12/18/2018 19:40	21.07	82.7	5.96	4.9
SR13	12/18/2018 1:45	20.99	85.5	6.16	4.6	SR13	12/18/2018 7:45	20.97	85.8	6.19	4.8	SR13	12/18/2018 13:45	20.43	80.6	5.99	1.6	SR13	12/18/2018 19:45	21.02	86.1	6.21	4.8
SR13	12/18/2018 1:50	21.04	84.0	6.05	5.6	SR13	12/18/2018 7:50	21.04	84.1	6.07	4.6	SR13	12/18/2018 13:50	20.42	80.8	6.01	1.7	SR13	12/18/2018 19:50	21.07	83.7	6.04	3.9
SR13	12/18/2018 1:55	21.04	85.0	6.12	4.5	SR13	12/18/2018 7:55	21.03	85.8	6.18	5.3	SR13	12/18/2018 13:55	20.43	80.8	6.00	1.9	SR13	12/18/2018 19:55	21.07	83.2	5.99	5.6
SR13	12/18/2018 2:00	21.00	86.3	6.22	4.6	SR13	12/18/2018 8:00	21.05	82.9	5.98	6.0	SR13	12/18/2018 14:00	20.43	80.8	6.00	4.9	SR13	12/18/2018 20:00	21.04	83.8	6.04	5.2
SR13	12/18/2018 2:05	21.00	86.1	6.21	4.1	SR13	12/18/2018 8:05	21.01	84.1	6.06	4.1	SR13	12/18/2018 14:05	20.43	80.8	6.00	1.6	SR13	12/18/2018 20:05	21.08	82.5	5.95	5.6
SR13	12/18/2018 2:10	21.01	86.2	6.21	4.9	SR13	12/18/2018 8:10	21.03	85.9	6.19	5.6	SR13	12/18/2018 14:10	20.44	80.4	5.98	2.5	SR13	12/18/2018 20:10	21.02	86.2	6.21	5.0
SR13	12/18/2018 2:15	21.06	83.8	6.04	5.1	SR13	12/18/2018 8:15	21.01	84.7	6.10	5.4	SR13	12/18/2018 14:15	20.45	80.9	6.02	6.6	SR13	12/18/2018 20:15	21.07	84.9	6.12	4.5
SR13	12/18/2018 2:20	21.00	84.0	6.05	4.8	SR13	12/18/2018 8:20	21.00	84.2	6.07	4.5	SR13	12/18/2018 14:20	20.45	80.9	6.02	2.3	SR13	12/18/2018 20:20	21.04	83.7	6.03	5.5
SR13	12/18/2018 2:25	21.07	84.6	6.10	4.2	SR13	12/18/2018 8:25	21.05	83.0	5.98	5.3	SR13	12/18/2018 14:25	20.45	80.9	6.01	3.3	SR13	12/18/2018 20:25	21.04	84.9	6.12	3.8
SR13	12/18/2018 2:30	21.01	84.4	6.08	5.0	SR13	12/18/2018 8:30	21.01	83.3	6.01	5.4	SR13	12/18/2018 14:30	20.45	81.0	6.02	6.1	SR13	12/18/2018 20:30	21.02	85.6	6.17	5.5
SR13	12/18/2018 2:35	21.06	85.7	6.17	5.8	SR13	12/18/2018 8:35	21.04	83.5	6.02	5.8	SR13	12/18/2018 14:35	20.46	81.0	6.01	2.5	SR13	12/18/2018 20:35	21.07	85.9	6.19	5.3
SR13	12/18/2018 2:40	21.04	85.2	6.14	5.0	SR13	12/18/2018 8:40	21.06	83.3	6.01	3.8	SR13	12/18/2018 14:40	20.43	80.5	5.98	4.7	SR13	12/18/2018 20:40	21.02	83.5	6.02	5.0
SR13	12/18/2018 2:45	21.05	84.3	6.08	5.0	SR13	12/18/2018 8:45	21.01	84.2	6.07	4.8	SR13	12/18/2018 14:45	20.43	80.6	5.97	5.4	SR13	12/18/2018 20:45	21.05	84.9	6.12	4.4
SR13	12/18/2018 2:50	21.03	84.4	6.08	4.2	SR13	12/18/2018 8:50	21.00	83.7	6.03	4.9	SR13	12/18/2018 14:50	21.11	85.3	6.14	5.0	SR13	12/18/2018 20:50	21.01	86.0	6.20	4.1
SR13	12/18/2018 2:55	21.06	85.5	6.16	5.1	SR13	12/18/2018 8:55	21.04	84.3	6.08	4.7	SR13	12/18/2018 14:55	21.10	85.6	6.17	5.4	SR13	12/18/2018 20:55	21.03	86.5	6.24	5.3
SR13	12/18/2018 3:00	21.06	84.6	6.09	5.0	SR13	12/18/2018 9:00	20.99	85.0	6.12	5.1	SR13	12/18/2018 15:00	21.05	86.3	6.22	4.7	SR13	12/18/2018 21:00	21.03	84.4	6.08	5.4
SR13	12/18/2018 3:05	21.04	85.0	6.13	5.9	SR13	12/18/2018 9:05	21.05	84.5	6.09	5.6	SR13	12/18/2018 15:05	21.05	85.1	6.13	5.3	SR13	12/18/2018 21:05	21.00	85.9	6.19	4.8
SR13	12/18/2018 3:10	21.04	85.8	6.18	4.6	SR13	12/18/2018 9:10	21.01	85.6	6.17	4.1	SR13	12/18/2018 15:10	21.08	85.5	6.16	6.0	SR13	12/18/2018 21:10	21.00	85.1	6.14	4.9
SR13	12/18/2018 3:15	21.06	84.4	6.09	4.7	SR13	12/18/2018 9:15	21.03	87.2	6.28	4.9	SR13	12/18/2018 15:15	21.09	85.8	6.18	4.2	SR13	12/18/2018 21:15	21.04	85.9	6.19	3.8
SR13	12/18/2018 3:20	21.02	83.7	6.03	4.2	SR13	12/18/2018 9:20	21.02	87.3	6.29	5.4	SR13	12/18/2018 15:20	21.07	86.7	6.25	4.6	SR13	12/18/2018 21:20	21.06	83.2	6.00	4.6
SR13	12/18/2018 3:25	21.03	84.7	6.10	4.7	SR13	12/18/2018 9:25	21.03	85.6	6.17	4.6	SR13	12/18/2018 15:25	21.08	84.7	6.11	6.3	SR13	12/18/2018 21:25	21.03	82.8	5.97	4.9
SR13	12/18/2018 3:30	21.04	83.9	6.05	4.0	SR13	12/18/2018 9:30	21.03	86.7	6.25	5.4	SR13	12/18/2018 15:30	21.05	85.3	6.15	5.9	SR13	12/18/2018 21:30	21.05	84.6	6.10	4.4
SR13	12/18/2018 3:35	21.03	84.6	6.09	6.3	SR13	12/18/2018 9:35	21.01	84.1	6.06	3.8	SR13	12/18/2018 15:35	21.03	84.7	6.10	4.4	SR13	12/18/2018 21:35	21.04	83.5	6.02	5.2
SR13	12/18/2018 3:40	21.04	85.1	6.13	5.9	SR13	12/18/2018 9:40	21.05	84.7	6.11	6.3	SR13	12/18/2018 15:40	21.05	85.1	6.13	4.7	SR13	12/18/2018 21:40	21.05	83.5	6.02	6.0
SR13	12/18/2018 3:45	21.00	83.8	6.04	4.7	SR13	12/18/2018 9:45	21.05	86.7	6.25	5.1	SR13	12/18/2018 15:45	21.10	85.4	6.15	5.7	SR13	12/18/2018 21:45	21.04	86.2	6.21	3.9
SR13	12/18/2018 3:50	21.00	84.1	6.06	5.4	SR13	12/18/2018 9:50	21.03	84.8	6.11	6.1	SR13	12/18/2018 15:50	21.02	86.3	6.22	4.6	SR13	12/18/2018 21:50	21.02	85.7	6.18	4.6
SR13	12/18/2018 3:55	21.05	86.3	6.21	5.6	SR13	12/18/2018 9:55	21.01	84.8	6.12	5.0	SR13	12/18/2018 15:55	21.02	86.7	6.24	5.2	SR13	12/18/2018 21:55	21.02	85.2	6.14	4.7
SR13	12/18/2018 4:00	21.05	86.2	6.21	7.2	SR13	12/18/2018 10:00	20.39	78.8	5.38	3.8	SR13	12/18/2018 16:00	21.10	87.2	6.28	4.9	SR13	12/18/2018 22:00	21.04	83.5	6.02	4.4
SR13	12/18/2018 4:05	21.08	86.4	6.22	6.0	SR13	12/18/2018 10:05	20.39	78.8	5.37	11.7	SR13	12/18/2018 16:05	21.07	84.5	6.09	5.1	SR13	12/18/2018 22:05	21.01	82.8	5.97	5.0
SR13	12/18/2018 4:10	21.03	84.2	6.07	5.5	SR13	12/18/2018 10:10	20.39	78.9	5.38	9.0	SR13	12/18/2018 16:10	21.12	85.9	6.19	3.7	SR13	12/18/2018 22:10	21.02	84.2	6.07	4.9
SR13	12/18/2018 4:15	21.05	85.7	6.18	5.3	SR13	12/18/2018 10:15	20.39	79.2	5.51	8.5	SR13	12/18/2018 16:15	21.03	86.2	6.21	4.4	SR13	12/18/2018 22:15	21.06	84.3	6.08	4.4
SR13	12/18/2018 4:20	21.06	85.5	6.16	3.5	SR13	12/18/2018 10:20	20.40	78.5	5.74	10.0	SR13	12/18/2018 16:20	21.07	85.3	6.15	6.3	SR13	12/18/2018 22:20	21.00	83.5	6.02	4.5
SR13	12/18/2018 4:25	21.00	85.6	6.17	5.2	SR13	12/18/2018 10:25	20.41	79.0	5.86	2.0	SR13	12/18/2018 16:25	21.08	86.4	6.22	4.7	SR13	12/18/2018 22:25	21.05	84.5	6.09	5.3
SR13	12/18/2018 4:30	21.07	84.2	6.07	3.7	SR13	12/18/2018 10:30	20.40	79.6	6.26	1.9	SR13	12/18/2018 16:30	21.10	85.6	6.16	4.7	SR13	12/18/2018 22:30	21.04	83.2	6.00	5.6
SR13	12/18/2018 4:35	21.06	86.8	6.25	3.7	SR13	12/18/2018 10:35	20.39	80.1	6.40	1.6	SR13	12/18/2018 16:35	21.08	86.1	6.20	4.0	SR13	12/18/2018 22:35	21.03	84.0	6.06	6.2
SR13	12/18/2018 4:40	21.07	85.1	6.14	4.6	SR13	12/18/2018 10:40	20.39	79.9	6.35	3.6	SR13	12/18/2018 16:40	21.06	85.4	6.15	5.8	SR13	12/18/2018 22:40	21.00	82.6	5.96	6.1
SR13	12/18/2018 4:45	21.00	85.4	6.16	4.3	SR13	12/18/2018 10:45	20.40	79.7	6.34	4.1	SR13	12/18/2018 16:45	21.05	86.2	6.21	5.2	SR13	12/18/2018 22:45	21.02	83.8	6.04	5.4
SR13	12/18/2018 4:50	21.05	84.1	6.06	5.4	SR13	12/18/2018 10:50	20.38	80.5	6.37	5.4	SR13	12/18/2018 16:50	21.08	87.1	6.27	4.6	SR13	12/18/2018 22:50	21.06	83.1	5.99	4.8
SR13	12/18/2018 4:55	21.04	83.3	6.01	6.3	SR13	12/18/2018 10:55	20.39	80.1	6.27	3.3	SR13	12/18/2018 16:55	21.09	85.0	6.12	6.1	SR13	12/18/2018 22:55	21.06	84.8	6.12	5.2
SR13	12/18/2018 5:00	21.00	84.0	6.06	4.8	SR13	12/18/2018 11:00	20.39	80.4	6.27	5.4	SR13	12/18/2018 17:00	21.11	86.1	6.21	5.5	SR13	12/18/2018 23:00	21.01	82.5	5.95	5.1
SR13	12/18/2018 5:05	21.03	85.9	6.19	4.3	SR13	12/18/2018 11:05	20.39	80.1	6.19	2.2	SR13	12/18/2018 17:05	21.09	85.9	6.19	5.1	SR13	12/18/2018 23:05	21.01	84.9	6.12	6.2
SR13	12/18/2018 5:10	21.03	85.4	6.16	4.5	SR13	12/18/2018 11:10	20.39	80.0	6.13	2.0	SR13	12/18/2018 17:10	21.08	86.4	6.22	5.7	SR13	12/18/2018 23:10	21.01	85.6	6.17	3.6
SR13	12/18/2018 5:15	21.04	83.5	6.01	4.9	SR13	12/18/2018 11:15	20.40	80.1	6.07	2.2	SR13	12/18/2018 17:15	21.03	84.9	6.12	4.5	SR13	12/18/2018 23:15	20.99	82.6	5.96	4.1
SR13	12/18/2018 5:20	21.04	84.6	6.10	4.7	SR13	12/18/2018 11:20	20.39	80.1	6.08	6.0	SR13	12/18/2018 17:20	21.09	86.8	6.26	4.8	SR13	12/18/2018 23:20	21.01	83.6	6.03	4.5
SR13	12/18/2018 5:25	21.00	85.2	6.14	4.5	SR13	12/18/2018 11:25	20.40	80.1	6.05	3.8	SR13	12/18/2018 17:25	21.05	84.9	6.12	3.7	SR13	12/18/2018 23:25	21.02	82.0	5.91	5.8
SR13	12/18/2018 5:30	21.06	86.2	6.21	5.3	SR13	12/18/2018 11:30	20.44	80.0	6.01	4.5	SR13	12/18/2018 17:30	21.09	87.1	6.28	4.8	SR13	12/18/2018 23:30	21.04	85.6	6.18	5.4
SR13	12/18/2018 5:35	21.02	84.8	6.11	3.5	SR13	12/18/2018 11:35	20.48	80.1	5.99	3.0	SR13	12/18/2018 17:35	21.06	85.6	6.17	6.1	SR13	12/18/2018 23:35	21.03	84.5	6.09	4.4
SR13	12/18/2018 5:40	20.99	83.7	6.03	4.9	SR13	12/18/2018 11:40	20.50	80.2	6.00	2.4	SR13	12/18/2018 17:40	21.07	85.7	6.18	4.9	SR13	12/18/2018 23:40	21.04	84.2	6.07	4.7
SR13	12/18/2018 5:45	21.04	84.9	6.11	5.4	SR13	12/18/2018 11:45	20.52	80.4	6.00	1.5	SR13	12/18/2018 17:45	21.06	85.4	6.16	4.5	SR13	12/18/2018 23:45	20.99	84.2	6.07	4.6
SR13	12/18/2018 5:50	20.99	85.1	6.13	5.6	SR13	12/18/2018 11:50	20.56	80.5	6.01	3.6	SR13	12/18/2018 17:50	21.08	86.6	6.24	5.6	SR13	12/18/2018 23:50	21.02	84.7	6.11	4.7
SR13	12/18/2018 5:55	21.01	84.1	6.06	5.0	SR13	12/18/2018 11:55	20.54	80.0	5.96	2.4	SR13	12/18/2018 17:55	21.07	84.7	6.11	6.0	SR13	12/18/2018 23:55	20.99	83.4	6.01	3.7

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	12/18/2018 0:17	0.04				SR12	12/18/2018 0:17	0.07			
SR4	12/18/2018 0:37	0.06				SR12	12/18/2018 0:37	0.02			
SR4	12/18/2018 0:57	0.06				SR12	12/18/2018 0:57	0.04			
SR4	12/18/2018 1:17	0.05				SR12	12/18/2018 1:17	0.01			
SR4	12/18/2018 1:37	0.04				SR12	12/18/2018 1:37	0.03			
SR4	12/18/2018 1:57	0.04				SR12	12/18/2018 1:57	0.04			
SR4	12/18/2018 2:17	0.04				SR12	12/18/2018 2:17	0.03			
SR4	12/18/2018 2:37	0.06				SR12	12/18/2018 2:37	0.05			
SR4	12/18/2018 2:57	0.05				SR12	12/18/2018 2:57	0.05			
SR4	12/18/2018 3:17	0.06				SR12	12/18/2018 3:17	0.03			
SR4	12/18/2018 3:37	0.03				SR12	12/18/2018 3:37	0.05			
SR4	12/18/2018 3:57	0.06				SR12	12/18/2018 3:57	0.01			
SR4	12/18/2018 4:17	0.06				SR12	12/18/2018 4:17	0.01			
SR4	12/18/2018 4:37	0.03				SR12	12/18/2018 4:37	0.03			
SR4	12/18/2018 4:57	0.02				SR12	12/18/2018 4:57	0.05			
SR4	12/18/2018 5:17	0.02				SR12	12/18/2018 5:17	0.02			
SR4	12/18/2018 5:37	0.04				SR12	12/18/2018 5:37	0.03			
SR4	12/18/2018 5:57	0.02				SR12	12/18/2018 5:57	0.04			
SR4						SR12					
SR4	12/18/2018 6:37	0.04				SR12	12/18/2018 6:37	0.02			
SR4	12/18/2018 6:57	0.03				SR12	12/18/2018 6:57	0.05			
SR4	12/18/2018 7:17	0.04				SR12	12/18/2018 7:17	0.01			
SR4	12/18/2018 7:37	0.03				SR12	12/18/2018 7:37	0.06			
SR4	12/18/2018 7:57	0.03				SR12	12/18/2018 7:57	0.01			
SR4	12/18/2018 8:17	0.03				SR12	12/18/2018 8:17	0.02			
SR4	12/18/2018 8:37	0.03				SR12	12/18/2018 8:37	0.02			
SR4	12/18/2018 8:57	0.03				SR12	12/18/2018 8:57	0.01			
SR4	12/18/2018 9:17	0.03				SR12	12/18/2018 9:17	0.04			
SR4	12/18/2018 9:37	0.02				SR12	12/18/2018 9:37	0.02			
SR4	12/18/2018 9:57	0.04				SR12	12/18/2018 9:57	0.03			
SR4	12/18/2018 10:17	0.04				SR12	12/18/2018 10:17	0.03			
SR4	12/18/2018 10:37	0.02				SR12	12/18/2018 10:37	0.05			
SR4	12/18/2018 10:57	0.03				SR12	12/18/2018 10:57	0.04			
SR4	12/18/2018 11:17	0.03				SR12	12/18/2018 11:17	0.03			
SR4	12/18/2018 11:37	0.04				SR12	12/18/2018 11:37	0.02			
SR4	12/18/2018 11:57	0.02				SR12	12/18/2018 11:57	0.01			
SR4	12/18/2018 12:17	0.02				SR12	12/18/2018 12:17	0.04			
SR4	12/18/2018 12:37	0.03				SR12	12/18/2018 12:37	0.04			
SR4	12/18/2018 12:57	0.02				SR12	12/18/2018 12:57	0.01			
SR4	12/18/2018 13:17	0.04				SR12	12/18/2018 13:17	0.04			
SR4	12/18/2018 13:37	0.04				SR12	12/18/2018 13:37	0.04			
SR4	12/18/2018 13:57	0.04				SR12	12/18/2018 13:57	0.02			
SR4	12/18/2018 14:17	0.02				SR12	12/18/2018 14:17	0.03			
SR4	12/18/2018 14:37	0.04				SR12	12/18/2018 14:37	0.03			
SR4	12/18/2018 14:57	0.02				SR12	12/18/2018 14:57	0.03			
SR4	12/18/2018 15:17	0.03				SR12	12/18/2018 15:17	0.01			
SR4	12/18/2018 15:37	0.04				SR12	12/18/2018 15:37	0.04			
SR4	12/18/2018 15:57	0.02				SR12	12/18/2018 15:57	0.05			
SR4	12/18/2018 16:17	0.04				SR12	12/18/2018 16:17	0.05			
SR4	12/18/2018 16:37	0.03				SR12	12/18/2018 16:37	0.04			
SR4	12/18/2018 16:57	0.03				SR12	12/18/2018 16:57	0.01			
SR4	12/18/2018 17:17	0.02				SR12	12/18/2018 17:17	0.01			
SR4	12/18/2018 17:37	0.03				SR12	12/18/2018 17:37	0.04			
SR4	12/18/2018 17:57	0.02				SR12	12/18/2018 17:57	0.04			
SR4	12/18/2018 18:17	0.04				SR12	12/18/2018 18:17	0.02			
SR4	12/18/2018 18:37	0.03				SR12	12/18/2018 18:37	0.05			
SR4	12/18/2018 18:57	0.04				SR12	12/18/2018 18:57	0.03			
SR4	12/18/2018 19:17	0.03				SR12	12/18/2018 19:17	0.03			
SR4	12/18/2018 19:37	0.03				SR12	12/18/2018 19:37	0.04			
SR4	12/18/2018 19:57	0.05				SR12	12/18/2018 19:57	0.04			
SR4	12/18/2018 20:17	0.05				SR12	12/18/2018 20:17	0.03			
SR4	12/18/2018 20:37	0.02				SR12	12/18/2018 20:37	0.03			
SR4	12/18/2018 20:57	0.02				SR12	12/18/2018 20:57	0.03			
SR4	12/18/2018 21:17	0.02				SR12	12/18/2018 21:17	0.04			
SR4	12/18/2018 21:37	0.03				SR12	12/18/2018 21:37	0.03			
SR4	12/18/2018 21:57	0.04				SR12	12/18/2018 21:57	0.01			
SR4	12/18/2018 22:17	0.03				SR12	12/18/2018 22:17	0.02			
SR4	12/18/2018 22:37	0.04				SR12	12/18/2018 22:37	0.02			
SR4	12/18/2018 22:57	0.03				SR12	12/18/2018 22:57	0.02			
SR4	12/18/2018 23:17	0.05				SR12	12/18/2018 23:17	0.07			
SR4	12/18/2018 23:37	0.05				SR12	12/18/2018 23:37	0.02			
SR4	12/18/2018 23:57	0.05				SR12	12/18/2018 23:57	0.04			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.
SR5 monitoring station was under maintenance during 11:55-12:25.

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/19/2018 0:01	20.74	71.8	5.32	1.4	SR4	12/19/2018 6:01	20.60	77.8	5.77	1.8	SR4	12/19/2018 12:01	21.52	62.4	4.57	3.8	SR4	12/19/2018 18:01	20.75	79.1	5.85	2.6
SR4	12/19/2018 0:06	20.76	69.2	5.12	1.9	SR4	12/19/2018 6:06	20.57	78.7	5.84	3.5	SR4	12/19/2018 12:06	21.21	67.8	4.99	1.0	SR4	12/19/2018 18:06	20.75	79.1	5.85	3.1
SR4	12/19/2018 0:11	20.78	70.1	5.19	2.3	SR4	12/19/2018 6:11	20.51	73.0	5.44	2.1	SR4	12/19/2018 12:11	21.08	73.1	5.38	2.6	SR4	12/19/2018 18:11	20.75	79.1	5.85	2.8
SR4	12/19/2018 0:16	20.75	72.3	5.35	4.4	SR4	12/19/2018 6:16	20.58	76.3	5.67	1.1	SR4	12/19/2018 12:16	21.12	71.0	5.24	1.2	SR4	12/19/2018 18:16	20.75	79.2	5.86	2.3
SR4	12/19/2018 0:21	20.75	71.7	5.31	1.4	SR4	12/19/2018 6:21	20.59	78.5	5.82	1.6	SR4	12/19/2018 12:21	21.14	70.7	5.21	1.2	SR4	12/19/2018 18:21	20.74	76.9	5.69	3.0
SR4	12/19/2018 0:26	20.73	73.0	5.40	1.4	SR4	12/19/2018 6:26	20.58	77.0	5.72	1.3	SR4	12/19/2018 12:26	20.98	74.8	5.52	1.4	SR4	12/19/2018 18:26	20.74	77.4	5.73	2.4
SR4	12/19/2018 0:31	20.73	74.8	5.53	1.6	SR4	12/19/2018 6:31	20.59	78.9	5.85	1.5	SR4	12/19/2018 12:31	20.97	77.4	5.71	1.7	SR4	12/19/2018 18:31	20.74	78.3	5.79	2.2
SR4	12/19/2018 0:36	20.72	75.3	5.58	3.0	SR4	12/19/2018 6:36	20.59	79.9	5.93	2.2	SR4	12/19/2018 12:36	21.05	76.5	5.63	1.2	SR4	12/19/2018 18:36	20.75	78.1	5.78	3.4
SR4	12/19/2018 0:41	20.75	75.5	5.59	3.2	SR4	12/19/2018 6:41	20.57	79.4	5.89	1.9	SR4	12/19/2018 12:41	21.26	66.4	4.88	2.7	SR4	12/19/2018 18:41	20.75	77.3	5.72	2.5
SR4	12/19/2018 0:46	20.71	76.9	5.69	2.7	SR4	12/19/2018 6:46	20.59	78.8	5.84	1.6	SR4	12/19/2018 12:46	21.17	70.4	5.18	2.1	SR4	12/19/2018 18:46	20.74	78.4	5.80	2.4
SR4	12/19/2018 0:51	20.71	77.3	5.72	4.0	SR4	12/19/2018 6:51	20.59	79.0	5.86	1.8	SR4	12/19/2018 12:51	20.98	75.0	5.53	1.8	SR4	12/19/2018 18:51	20.74	78.3	5.80	2.4
SR4	12/19/2018 0:56	20.71	76.3	5.65	2.8	SR4	12/19/2018 6:56	20.57	78.6	5.83	1.6	SR4	12/19/2018 12:56	20.82	78.8	5.82	1.9	SR4	12/19/2018 18:56	20.75	79.5	5.88	3.7
SR4	12/19/2018 1:01	20.69	78.2	5.79	2.4	SR4	12/19/2018 7:01	20.58	79.2	5.87	3.9	SR4	12/19/2018 13:01	20.74	80.0	5.92	2.6	SR4	12/19/2018 19:01	20.74	78.8	5.83	2.3
SR4	12/19/2018 1:06	20.70	76.9	5.69	2.0	SR4	12/19/2018 7:06	20.60	79.5	5.89	1.9	SR4	12/19/2018 13:06	20.73	80.4	5.95	3.1	SR4	12/19/2018 19:06	20.75	77.3	5.72	1.9
SR4	12/19/2018 1:11	20.67	80.1	5.93	3.1	SR4	12/19/2018 7:11	20.60	79.0	5.86	2.4	SR4	12/19/2018 13:11	20.71	80.6	5.96	2.3	SR4	12/19/2018 19:11	20.75	75.9	5.62	2.0
SR4	12/19/2018 1:16	20.67	80.1	5.93	2.3	SR4	12/19/2018 7:16	20.58	79.4	5.90	2.0	SR4	12/19/2018 13:16	20.65	81.2	6.01	2.9	SR4	12/19/2018 19:16	20.75	76.6	5.67	2.0
SR4	12/19/2018 1:21	20.67	78.9	5.84	2.1	SR4	12/19/2018 7:21	20.60	79.6	5.91	2.0	SR4	12/19/2018 13:21	20.79	79.8	5.90	2.4	SR4	12/19/2018 19:21	20.75	76.4	5.65	2.5
SR4	12/19/2018 1:26	20.66	80.3	5.95	2.6	SR4	12/19/2018 7:26	20.58	80.4	5.96	2.4	SR4	12/19/2018 13:26	20.80	79.1	5.85	1.8	SR4	12/19/2018 19:26	20.73	76.5	5.66	2.4
SR4	12/19/2018 1:31	20.65	79.6	5.90	2.2	SR4	12/19/2018 7:31	20.59	80.2	5.95	2.1	SR4	12/19/2018 13:31	20.61	83.1	6.16	3.6	SR4	12/19/2018 19:31	20.75	74.5	5.52	1.8
SR4	12/19/2018 1:36	20.64	79.0	5.86	1.9	SR4	12/19/2018 7:36	20.59	80.1	5.94	1.9	SR4	12/19/2018 13:36	20.61	83.8	6.21	3.2	SR4	12/19/2018 19:36	20.74	75.4	5.58	1.5
SR4	12/19/2018 1:41	20.64	82.0	6.07	2.5	SR4	12/19/2018 7:41	20.60	80.6	5.98	2.2	SR4	12/19/2018 13:41	20.84	72.7	5.39	1.9	SR4	12/19/2018 19:41	20.76	75.2	5.56	1.5
SR4	12/19/2018 1:46	20.63	82.8	6.14	2.5	SR4	12/19/2018 7:46	20.60	80.4	5.96	2.8	SR4	12/19/2018 13:46	20.90	67.6	5.02	1.9	SR4	12/19/2018 19:46	20.75	75.4	5.58	1.9
SR4	12/19/2018 1:51	20.63	81.9	6.07	1.8	SR4	12/19/2018 7:51	20.59	80.4	5.96	2.2	SR4	12/19/2018 13:51	20.94	67.1	4.98	2.0	SR4	12/19/2018 19:51	20.71	78.7	5.83	1.9
SR4	12/19/2018 1:56	20.62	83.3	6.17	2.3	SR4	12/19/2018 7:56	20.59	80.1	5.94	1.8	SR4	12/19/2018 13:56	20.89	71.1	5.26	2.1	SR4	12/19/2018 19:56	20.73	77.0	5.70	1.6
SR4	12/19/2018 2:01	20.62	83.5	6.19	2.4	SR4	12/19/2018 8:01	20.57	80.1	5.95	2.5	SR4	12/19/2018 14:01	20.79	75.6	5.59	1.8	SR4	12/19/2018 20:01	20.73	78.2	5.78	2.4
SR4	12/19/2018 2:06	20.61	83.2	6.17	2.4	SR4	12/19/2018 8:06	20.58	79.1	5.87	1.7	SR4	12/19/2018 14:06	20.75	78.5	5.81	1.8	SR4	12/19/2018 20:06	20.74	77.4	5.73	2.2
SR4	12/19/2018 2:11	20.61	84.1	6.23	1.6	SR4	12/19/2018 8:11	20.58	79.1	5.87	1.8	SR4	12/19/2018 14:11	20.73	80.3	5.94	3.0	SR4	12/19/2018 20:11	20.74	76.9	5.69	2.0
SR4	12/19/2018 2:16	20.60	84.4	6.25	2.3	SR4	12/19/2018 8:16	20.59	78.7	5.84	1.8	SR4	12/19/2018 14:16	20.65	80.8	5.99	4.8	SR4	12/19/2018 20:16	20.74	77.2	5.71	1.9
SR4	12/19/2018 2:21	20.60	84.8	6.29	2.0	SR4	12/19/2018 8:21	20.59	80.3	5.95	3.3	SR4	12/19/2018 14:21	20.67	82.1	6.08	2.7	SR4	12/19/2018 20:21	20.70	79.6	5.89	2.6
SR4	12/19/2018 2:26	20.59	85.5	6.34	2.1	SR4	12/19/2018 8:26	20.60	78.1	5.80	1.4	SR4	12/19/2018 14:26	20.90	75.9	5.61	1.5	SR4	12/19/2018 20:26	20.68	81.0	6.00	2.7
SR4	12/19/2018 2:31	20.59	84.7	6.28	1.5	SR4	12/19/2018 8:31	20.59	80.0	5.93	2.6	SR4	12/19/2018 14:31	20.87	76.9	5.68	2.0	SR4	12/19/2018 20:31	20.69	81.0	6.00	3.1
SR4	12/19/2018 2:36	20.59	84.9	6.29	3.0	SR4	12/19/2018 8:36	20.59	80.1	5.94	1.8	SR4	12/19/2018 14:36	20.76	79.8	5.90	3.5	SR4	12/19/2018 20:36	20.68	80.9	5.99	2.4
SR4	12/19/2018 2:41	20.58	85.6	6.35	2.1	SR4	12/19/2018 8:41	20.59	80.2	5.95	1.7	SR4	12/19/2018 14:41	20.71	81.2	6.01	2.9	SR4	12/19/2018 20:41	20.70	78.4	5.81	1.3
SR4	12/19/2018 2:46	20.58	85.7	6.36	2.0	SR4	12/19/2018 8:46	20.60	79.0	5.86	1.5	SR4	12/19/2018 14:46	20.71	81.3	6.01	2.6	SR4	12/19/2018 20:46	20.70	77.4	5.73	1.0
SR4	12/19/2018 2:51	20.58	85.8	6.36	2.9	SR4	12/19/2018 8:51	20.60	78.9	5.85	1.5	SR4	12/19/2018 14:51	20.76	80.6	5.96	2.3	SR4	12/19/2018 20:51	20.73	70.9	5.25	5.3
SR4	12/19/2018 2:56	20.58	85.8	6.36	2.4	SR4	12/19/2018 8:56	20.61	78.6	5.83	1.0	SR4	12/19/2018 14:56	20.86	82.5	6.09	1.3	SR4	12/19/2018 20:56	20.75	70.6	5.22	2.2
SR4	12/19/2018 3:01	20.58	79.7	5.91	2.5	SR4	12/19/2018 9:01	20.64	75.7	5.61	1.2	SR4	12/19/2018 15:01	20.88	82.3	6.08	1.3	SR4	12/19/2018 21:01	20.75	74.1	5.48	4.8
SR4	12/19/2018 3:06	20.56	79.9	5.93	1.3	SR4	12/19/2018 9:06	20.64	77.1	5.71	1.3	SR4	12/19/2018 15:06	20.86	82.7	6.11	1.8	SR4	12/19/2018 21:06	20.78	71.1	5.26	5.3
SR4	12/19/2018 3:11	20.58	79.9	5.93	1.0	SR4	12/19/2018 9:11	20.64	78.8	5.84	1.9	SR4	12/19/2018 15:11	20.83	82.4	6.09	1.8	SR4	12/19/2018 21:11	20.75	73.4	5.43	2.9
SR4	12/19/2018 3:16	20.57	79.2	5.87	1.5	SR4	12/19/2018 9:16	20.62	76.6	5.68	1.2	SR4	12/19/2018 15:16	20.82	82.1	6.07	1.5	SR4	12/19/2018 21:16	20.76	73.4	5.43	5.0
SR4	12/19/2018 3:21	20.55	77.2	5.73	1.4	SR4	12/19/2018 9:21	20.68	76.1	5.64	1.0	SR4	12/19/2018 15:21	20.78	81.8	6.05	1.7	SR4	12/19/2018 21:21	20.75	73.6	5.45	1.5
SR4	12/19/2018 3:26	20.57	78.6	5.83	1.7	SR4	12/19/2018 9:26	20.69	77.4	5.74	1.8	SR4	12/19/2018 15:26	20.77	82.8	6.12	2.1	SR4	12/19/2018 21:26	20.72	77.0	5.70	1.3
SR4	12/19/2018 3:31	20.58	78.5	5.82	1.7	SR4	12/19/2018 9:31	20.69	77.8	5.77	1.3	SR4	12/19/2018 15:31	20.76	82.4	6.09	2.4	SR4	12/19/2018 21:31	20.71	77.6	5.74	1.3
SR4	12/19/2018 3:36	20.58	78.0	5.79	2.3	SR4	12/19/2018 9:36	20.68	80.4	5.96	1.8	SR4	12/19/2018 15:36	20.76	82.3	6.09	2.9	SR4	12/19/2018 21:36	20.70	77.7	5.75	1.0
SR4	12/19/2018 3:41	20.59	82.0	6.08	1.6	SR4	12/19/2018 9:41	20.68	79.5	5.89	1.4	SR4	12/19/2018 15:41	20.76	82.1	6.07	3.0	SR4	12/19/2018 21:41	20.69	80.3	5.94	1.4
SR4	12/19/2018 3:46	20.59	77.2	5.73	5.4	SR4	12/19/2018 9:46	20.67	78.3	5.80	1.2	SR4	12/19/2018 15:46	20.76	82.2	6.08	2.6	SR4	12/19/2018 21:46	20.69	80.6	5.96	2.5
SR4	12/19/2018 3:51	20.57	77.6	5.76	1.1	SR4	12/19/2018 9:51	20.73	77.2	5.72	2.9	SR4	12/19/2018 15:51	20.77	82.8	6.12	2.7	SR4	12/19/2018 21:51	20.69	80.3	5.94	1.6
SR4	12/19/2018 3:56	20.58	77.7	5.76	1.3	SR4	12/19/2018 9:56	20.65	79.4	5.89	1.2	SR4	12/19/2018 15:56	20.76	82.1	6.07	2.3	SR4	12/19/2018 21:56	20.74	77.1	5.70	5.3
SR4	12/19/2018 4:01	20.54	77.8	5.78	1.1	SR4	12/19/2018 10:01	20.77	78.2	5.79	1.2	SR4	12/19/2018 16:01	20.76	81.8	6.05	2.4	SR4	12/19/2018 22:01	20.71	78.9	5.84	1.3
SR4	12/19/2018 4:06	20.52	78.6	5.84	1.0	SR4	12/19/2018 10:06	20.66	78.4	5.81	1.3	SR4	12/19/2018 16:06	20.76	82.0	6.06	2.0	SR4	12/19/2018 22:06	20.72	77.4	5.73	1.2
SR4	12/19/2018 4:11	20.56	81.2	6.03	4.5	SR4	12/19/2018 10:11	20.64	79.7	5.90	2.0	SR4	12/19/2018 16:11	20.76	81.9	6.06	2.0	SR4	12/19/2018 22:11	20.72	79.5	5.88	1.3
SR4	12/19/2018 4:16	20.54	81.1	6.02	1.4	SR4	12/19/2018 10:16	20.89	74.4	5.49	3.8	SR4	12/19/2018 16:16	20.77	82.1	6.07	2.7	SR4	12/19/2018 22:16	20.75	76.8	5.68	1.7
SR4	12/19/2018 4:21	20.57	81.1	6.02	1.4	SR4	12/19/2018 10:21	20.86	72.2	5.35	1.2	SR4	12/19/2018 16:21	20.78	80.9	5.98	4.0	SR4	12/19/2018 22:21	20.73	77.1	5.71	1.5
SR4	12/19/2018 4:26	20.58	81.5	6.05	1.2	SR4	12/19/2018 10:26	20.84	73.3	5.43	3.4	SR4	12/19/2018 16:26	20.77	80.5	5.95	2.0	SR4	12/19/2018 22:26	20.78	74.2	5.48	1.5
SR4	12/19/2018 4:31	20.59	81.4	6.04	1.5	SR4	12/19/2018 10:31	20.85	74.6	5.52	1.0	SR4	12/19/2018 16:31	20.77	81.1	5.99	2.5	SR4	12/19/2018 22:31	20.79	74.3	5.49	2.3
SR4	12/19/2018 4:36	20.59	81.0	6.01	1.6	SR4	12/19/2018 10:36	20.83	72.6	5.37	4.3	SR4	12/19/2018 16:36	20.77	81.3	6.01	2.3	SR4	12/19/2018 22:36	20.74	75.4	5.58	1.0
SR4	12/19/2018 4:41	20.58	79.4	5.89	1.0	SR4	12/19/2018 10:41	20.77	76.6	5.67	1.8	SR4	12/19/2018 16:41	20.78	80.7	5.96	2.6	SR4	12/19/2018 22:41	20.73	75.4	5.58	1.3
SR4	12/19/2018 4:46	20.57	79.0	5.86	5.0	SR4	12/19/2018 10:46	20.75	78.4	5.80	1.4	SR4	12/19/2018 16:46	20.78	80.8	5.97	2.9	SR4	12/19/2018 22:46	20.77	74.8	5.53	2.3
SR4	12/19/2018 4:51	20.57	81.0	6.01	1.8	SR4	12/19/2018 10:51	20.74	76.0	5.62	1.6	SR4	12/19/2018 16:51	20.77	81.0	5.99	3.1	SR4	12/19/2018 22:51	20.72	79.2	5.86	1.2
SR4	12/19/2018 4:56	20.57	81.3	6.03	1.2	SR4	12/19/2018 10:56	20.99	67.1	4.96	1.6	SR4	12/19/2018 16:56	20.77	80.7	5.97	4.4	SR4	12/19/2018 22:56	20.72	77.9	5.77	4.0
SR4	12/19/2018 5:01	20.58	80.2	5.95	1.0	SR4	12/19/2018 11:01	20.99	67.4	4.99	3.7	SR4	12/19/2018 17:01	20.78	80.0	5.91	2.5	SR4	12/19/2018 23:01	20.73	77.1	5.70	2.6
SR4	12/19/2018 5:06	20.58	81.1	6.02	1.3	SR4	12/19/2018 11:06	21.11	68.3	5.04	1.9	SR4	12/19/2018 17:06	20.76	80.8	5.98	3.5	SR4	12/19/2018 23:06	20.75	77.4	5.72	2.2
SR4	12/19/2018 5:11	20.58	81.0	6.01	1.2	SR4	12/19/2018 11:11	21.01	69.7	5.15	1.4	SR4	12/19/2018 17:11	20.76	81.0	5.99	4.1	SR4	12/19/2018 23:11	20.75	77.4	5.72	1.5
SR4	12/19/2018 5:16	20.58	80.3	5.96	1.7	SR4	12/19/2018 11:16	21.12	73.2	5.39	1.2	SR4	12/19/2018 17:16	20.77	80.1	5.92	2.8	SR4	12/19/2018 23:16	20.72	77.9	5.77	1.3
SR4	12/19/2018 5:21	20.59	80.4	5.96	1.7	SR4	12/19/2018 11:21	21.05	75.2	5.54	1.6	SR4	12/19/2018 17:21	20.76	80.4	5.95	3.0	SR4	12/19/2018 23:21	20.71	76.5	5.66	1.3
SR4	12/19/2018 5:26	20.58	79.9	5.93	1.8	SR4	12/19/2018 11:26	20.99	75.4	5.56	1.7	SR4	12/19/2018 17:26	20.77	78.8	5.83	2.5	SR4	12/19/2018 23:26	20.73	77.8	5.76	1.2
SR4	12/19/2018 5:31	20.59	80.0	5.94	1.7	SR4	12/19/2018 11:31	20.86	78.0	5.76	1.6	SR4	12/19/2018 17:31	20.77	79.6	5.89	5.2	SR4	12/19/2018 23:31	20.75	77.4	5.72	1.3
SR4	12/19/2018 5:36	20.58	80.1	5.94	3.0	SR4	12/19/2018 11:36	20.87	79.1	5.85	1.5	SR4	12/19/2018 17:36	20.77	79.1	5.85	3.0	SR4	12/19/2018 23:36	20.78	75.0	5.55	1.0
SR4	12/19/2018 5:41	20.59	79.8	5.91	1.9	SR4	12/19/2018 11:41	20.84	77.5	5.73	2.1	SR4	12/19/2018 17:41	20.77	78.9	5.84	3.2	SR4	12/19/2018 23:41	20.74	76.9	5.69	1.2
SR4	12/19/2018 5:46	20.60	79.5	5.90	2.3	SR4	12/19/2018 11:46	21.02	75.0	5.53	1.2	SR4	12/19/2018 17:46	20.77	78.5	5.81	3.0	SR4	12/19/2018 23:46	20.73	77.9	5.77	1.8
SR4	12/19/2018 5:51	20.60	78.6	5.83	1.6	SR4	12/19/2018 11:51	21.70	70.8	5.18	1.6	SR4	12/19/2018 17:51	20.76	79.5	5.88	4.2	SR4	12/19/2018 23:51	20.74	76.2	5.64	1.5
SR4	12/19/2018 5:56	20.59	78.8	5.85	1.8	SR4	12/19/2018 11:56	21.47	64.9	4.76	4.4	SR4	12/19/2018 17:56	20.76	79.5	5.88	3.0	SR4	12/19/2018 23:56	20.75	75.2	5.56	1.1

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/19/2018 0:00	21.08	84.7	6.16	2.1	SR5	12/19/2018 6:00	21.09	84.8	6.17	2.4	SR5	12/19/2018 12:00	21.16	81.3	5.87	2.9	SR5	12/19/2018 18:00	21.15	89.1	6.44	2.4
SR5	12/19/2018 0:05	21.09	83.7	6.08	1.8	SR5	12/19/2018 6:05	21.09	84.4	6.14	2.2	SR5	12/19/2018 12:05	21.17	84.2	6.08	1.9	SR5	12/19/2018 18:05	21.15	87.4	6.33	3.5
SR5	12/19/2018 0:10	21.11	81.9	5.95	4.5	SR5	12/19/2018 6:10	21.09	83.0	6.04	2.1	SR5	12/19/2018 12:10	21.14	84.1	6.08	2.4	SR5	12/19/2018 18:10	21.14	88.4	6.39	1.8
SR5	12/19/2018 0:15	21.10	83.0	6.03	3.5	SR5	12/19/2018 6:15	21.09	82.9	6.03	3.7	SR5	12/19/2018 12:15	21.17	86.2	6.23	4.1	SR5	12/19/2018 18:15	21.14	86.5	6.26	3.8
SR5	12/19/2018 0:20	21.10	86.6	6.29	2.0	SR5	12/19/2018 6:20	21.09	87.0	6.32	2.0	SR5	12/19/2018 12:20	21.18	87.7	6.34	2.6	SR5	12/19/2018 18:20	21.15	85.9	6.21	3.3
SR5	12/19/2018 0:25	21.10	86.2	6.26	2.4	SR5	12/19/2018 6:25	21.08	85.6	6.22	3.4	SR5	12/19/2018 12:25	21.14	88.0	6.36	3.7	SR5	12/19/2018 18:25	21.14	86.9	6.29	3.6
SR5	12/19/2018 0:30	21.11	83.6	6.08	4.3	SR5	12/19/2018 6:30	21.08	83.6	6.08	3.6	SR5	12/19/2018 12:30	21.16	88.8	6.42	2.2	SR5	12/19/2018 18:30	21.15	85.7	6.20	3.1
SR5	12/19/2018 0:35	21.12	85.0	6.18	2.8	SR5	12/19/2018 6:35	21.08	84.1	6.12	3.7	SR5	12/19/2018 12:35	21.20	88.4	6.39	3.1	SR5	12/19/2018 18:35	21.14	88.7	6.41	3.7
SR5	12/19/2018 0:40	21.12	85.6	6.22	2.4	SR5	12/19/2018 6:40	21.07	85.6	6.22	2.0	SR5	12/19/2018 12:40	21.21	82.7	5.97	4.1	SR5	12/19/2018 18:40	21.15	88.0	6.37	2.7
SR5	12/19/2018 0:45	21.13	85.0	6.18	3.3	SR5	12/19/2018 6:45	21.09	85.9	6.25	4.3	SR5	12/19/2018 12:45	21.19	85.1	6.15	2.2	SR5	12/19/2018 18:45	21.14	84.8	6.14	3.5
SR5	12/19/2018 0:50	21.12	87.3	6.35	2.7	SR5	12/19/2018 6:50	21.09	87.3	6.35	4.1	SR5	12/19/2018 12:50	21.20	87.5	6.33	4.8	SR5	12/19/2018 18:50	21.15	88.1	6.38	3.7
SR5	12/19/2018 0:55	21.11	87.3	6.34	3.8	SR5	12/19/2018 6:55	21.09	84.2	6.12	4.1	SR5	12/19/2018 12:55	21.18	89.5	6.47	4.3	SR5	12/19/2018 18:55	21.16	86.2	6.23	4.6
SR5	12/19/2018 1:00	21.12	85.6	6.22	3.9	SR5	12/19/2018 7:00	21.09	85.2	6.19	2.3	SR5	12/19/2018 13:00	21.19	90.4	6.54	3.8	SR5	12/19/2018 19:00	21.16	87.9	6.36	1.7
SR5	12/19/2018 1:05	21.12	84.2	6.12	4.2	SR5	12/19/2018 7:05	21.09	85.6	6.22	4.3	SR5	12/19/2018 13:05	21.20	90.7	6.56	2.2	SR5	12/19/2018 19:05	21.17	86.6	6.26	3.3
SR5	12/19/2018 1:10	21.11	85.8	6.24	2.2	SR5	12/19/2018 7:10	21.08	83.3	6.06	4.0	SR5	12/19/2018 13:10	21.26	87.2	6.31	3.1	SR5	12/19/2018 19:10	21.17	85.6	6.20	2.2
SR5	12/19/2018 1:15	21.12	88.9	6.46	2.4	SR5	12/19/2018 7:15	21.09	84.5	6.15	4.5	SR5	12/19/2018 13:15	21.27	90.0	6.51	2.3	SR5	12/19/2018 19:15	21.16	84.7	6.13	3.9
SR5	12/19/2018 1:20	21.12	86.3	6.27	3.0	SR5	12/19/2018 7:20	21.08	83.4	6.07	2.9	SR5	12/19/2018 13:20	21.23	88.8	6.43	2.2	SR5	12/19/2018 19:20	21.17	88.6	6.40	2.0
SR5	12/19/2018 1:25	21.12	88.4	6.43	3.3	SR5	12/19/2018 7:25	21.09	84.5	6.15	3.0	SR5	12/19/2018 13:25	21.19	89.8	6.50	3.7	SR5	12/19/2018 19:25	21.17	87.9	6.36	3.6
SR5	12/19/2018 1:30	21.11	83.9	6.10	2.5	SR5	12/19/2018 7:30	21.09	86.1	6.26	3.7	SR5	12/19/2018 13:30	21.18	89.6	6.49	3.1	SR5	12/19/2018 19:30	21.17	86.8	6.28	3.1
SR5	12/19/2018 1:35	21.12	87.0	6.33	3.5	SR5	12/19/2018 7:35	21.09	84.8	6.16	2.6	SR5	12/19/2018 13:35	21.19	90.4	6.54	4.6	SR5	12/19/2018 19:35	21.17	86.0	6.22	4.7
SR5	12/19/2018 1:40	21.11	85.1	6.19	3.5	SR5	12/19/2018 7:40	21.09	84.9	6.17	4.4	SR5	12/19/2018 13:40	21.19	88.6	6.41	4.0	SR5	12/19/2018 19:40	21.17	86.6	6.26	3.9
SR5	12/19/2018 1:45	21.11	86.5	6.29	3.8	SR5	12/19/2018 7:45	21.09	84.8	6.17	3.3	SR5	12/19/2018 13:45	21.25	87.3	6.31	3.4	SR5	12/19/2018 19:45	21.16	88.1	6.37	2.0
SR5	12/19/2018 1:50	21.10	87.9	6.39	3.9	SR5	12/19/2018 7:50	21.09	86.1	6.26	3.2	SR5	12/19/2018 13:50	21.19	85.0	6.15	3.7	SR5	12/19/2018 19:50	21.17	88.9	6.43	3.0
SR5	12/19/2018 1:55	21.10	88.6	6.44	4.1	SR5	12/19/2018 7:55	21.09	85.8	6.24	2.5	SR5	12/19/2018 13:55	21.19	86.1	6.23	1.7	SR5	12/19/2018 19:55	21.17	84.5	6.12	3.2
SR5	12/19/2018 2:00	21.11	88.9	6.46	4.4	SR5	12/19/2018 8:00	21.08	85.1	6.19	3.8	SR5	12/19/2018 14:00	21.19	87.7	6.34	2.1	SR5	12/19/2018 20:00	21.17	88.8	6.42	2.6
SR5	12/19/2018 2:05	21.11	87.1	6.34	2.4	SR5	12/19/2018 8:05	21.09	86.3	6.27	3.0	SR5	12/19/2018 14:05	21.16	87.7	6.34	4.7	SR5	12/19/2018 20:05	21.18	86.5	6.26	3.6
SR5	12/19/2018 2:10	21.11	87.2	6.34	1.9	SR5	12/19/2018 8:10	21.09	86.9	6.31	3.8	SR5	12/19/2018 14:10	21.21	89.6	6.48	4.0	SR5	12/19/2018 20:10	21.20	86.5	6.26	3.1
SR5	12/19/2018 2:15	21.09	86.8	6.31	2.7	SR5	12/19/2018 8:15	21.09	87.8	6.38	2.4	SR5	12/19/2018 14:15	21.22	90.1	6.52	5.1	SR5	12/19/2018 20:15	21.20	86.2	6.24	3.2
SR5	12/19/2018 2:20	21.11	87.6	6.38	1.6	SR5	12/19/2018 8:20	21.09	84.0	6.11	4.2	SR5	12/19/2018 14:20	21.23	88.3	6.39	3.2	SR5	12/19/2018 20:20	21.20	86.3	6.25	1.9
SR5	12/19/2018 2:25	21.09	86.1	6.27	1.8	SR5	12/19/2018 8:25	21.10	86.9	6.32	4.0	SR5	12/19/2018 14:25	21.13	86.8	6.28	2.1	SR5	12/19/2018 20:25	21.19	88.8	6.42	1.9
SR5	12/19/2018 2:30	21.08	86.9	6.32	3.4	SR5	12/19/2018 8:30	21.10	87.5	6.36	1.7	SR5	12/19/2018 14:30	21.21	88.4	6.39	2.6	SR5	12/19/2018 20:30	21.20	85.9	6.22	3.6
SR5	12/19/2018 2:35	21.07	89.6	6.52	2.3	SR5	12/19/2018 8:35	21.11	87.7	6.37	4.0	SR5	12/19/2018 14:35	21.22	88.9	6.43	2.6	SR5	12/19/2018 20:35	21.20	89.0	6.44	3.0
SR5	12/19/2018 2:40	21.07	87.2	6.35	2.0	SR5	12/19/2018 8:40	21.10	84.9	6.17	2.7	SR5	12/19/2018 14:40	21.22	88.9	6.43	3.8	SR5	12/19/2018 20:40	21.20	88.7	6.42	3.4
SR5	12/19/2018 2:45	21.07	87.9	6.40	1.7	SR5	12/19/2018 8:45	21.10	86.2	6.27	3.6	SR5	12/19/2018 14:45	21.18	87.0	6.29	3.8	SR5	12/19/2018 20:45	21.19	85.3	6.18	1.1
SR5	12/19/2018 2:50	21.07	86.3	6.28	2.7	SR5	12/19/2018 8:50	21.10	86.1	6.26	3.3	SR5	12/19/2018 14:50	21.18	89.6	6.48	3.5	SR5	12/19/2018 20:50	21.20	87.2	6.31	4.3
SR5	12/19/2018 2:55	21.07	86.5	6.29	1.8	SR5	12/19/2018 8:55	21.10	84.2	6.13	2.2	SR5	12/19/2018 14:55	21.15	89.0	6.44	2.0	SR5	12/19/2018 20:55	21.19	84.8	6.13	3.2
SR5	12/19/2018 3:00	21.06	84.9	6.18	2.0	SR5	12/19/2018 9:00	21.10	84.5	6.15	2.5	SR5	12/19/2018 15:00	21.18	87.2	6.31	2.1	SR5	12/19/2018 21:00	21.19	85.2	6.16	3.6
SR5	12/19/2018 3:05	21.07	87.8	6.39	2.9	SR5	12/19/2018 9:05	21.08	87.4	6.35	3.6	SR5	12/19/2018 15:05	21.19	88.4	6.39	3.1	SR5	12/19/2018 21:05	21.19	86.3	6.24	3.4
SR5	12/19/2018 3:10	21.06	84.7	6.16	2.1	SR5	12/19/2018 9:10	21.10	86.1	6.26	3.2	SR5	12/19/2018 15:10	21.17	88.9	6.44	2.6	SR5	12/19/2018 21:10	21.19	85.9	6.21	4.1
SR5	12/19/2018 3:15	21.06	88.3	6.42	3.6	SR5	12/19/2018 9:15	21.09	87.4	6.35	3.2	SR5	12/19/2018 15:15	21.21	86.3	6.25	2.9	SR5	12/19/2018 21:15	21.19	87.2	6.30	2.4
SR5	12/19/2018 3:20	21.07	86.0	6.26	1.8	SR5	12/19/2018 9:20	21.09	86.7	6.30	2.0	SR5	12/19/2018 15:20	21.17	86.7	6.28	1.9	SR5	12/19/2018 21:20	21.18	83.9	6.07	3.3
SR5	12/19/2018 3:25	21.06	87.7	6.38	2.8	SR5	12/19/2018 9:25	21.09	85.0	6.18	4.2	SR5	12/19/2018 15:25	21.15	89.9	6.50	4.1	SR5	12/19/2018 21:25	21.17	85.6	6.19	3.4
SR5	12/19/2018 3:30	21.06	83.8	6.09	3.7	SR5	12/19/2018 9:30	21.09	84.2	6.13	2.7	SR5	12/19/2018 15:30	21.16	88.8	6.43	3.7	SR5	12/19/2018 21:30	21.16	86.6	6.27	2.3
SR5	12/19/2018 3:35	21.06	85.3	6.21	3.2	SR5	12/19/2018 9:35	21.09	86.1	6.26	3.5	SR5	12/19/2018 15:35	21.14	87.8	6.36	3.9	SR5	12/19/2018 21:35	21.16	87.0	6.29	3.9
SR5	12/19/2018 3:40	21.06	86.6	6.30	1.7	SR5	12/19/2018 9:40	21.09	84.2	6.12	3.6	SR5	12/19/2018 15:40	21.15	90.3	6.53	4.1	SR5	12/19/2018 21:40	21.16	87.2	6.31	1.7
SR5	12/19/2018 3:45	21.06	84.2	6.13	3.6	SR5	12/19/2018 9:45	21.09	84.9	6.17	3.7	SR5	12/19/2018 15:45	21.13	87.6	6.34	5.1	SR5	12/19/2018 21:45	21.16	86.0	6.23	2.2
SR5	12/19/2018 3:50	21.07	87.9	6.39	2.2	SR5	12/19/2018 9:50	21.09	83.3	6.06	3.2	SR5	12/19/2018 15:50	21.13	90.0	6.51	2.4	SR5	12/19/2018 21:50	21.16	85.9	6.22	3.3
SR5	12/19/2018 3:55	21.07	85.9	6.24	2.5	SR5	12/19/2018 9:55	21.09	86.2	6.27	3.1	SR5	12/19/2018 15:55	21.13	89.7	6.49	1.2	SR5	12/19/2018 21:55	21.16	86.7	6.27	4.4
SR5	12/19/2018 4:00	21.07	83.6	6.08	2.2	SR5	12/19/2018 10:00	21.09	83.9	6.10	4.3	SR5	12/19/2018 16:00	21.14	88.1	6.37	3.3	SR5	12/19/2018 22:00	21.17	88.0	6.36	2.1
SR5	12/19/2018 4:05	21.07	85.3	6.21	3.5	SR5	12/19/2018 10:05	21.09	85.2	6.19	2.8	SR5	12/19/2018 16:05	21.16	87.6	6.34	4.0	SR5	12/19/2018 22:05	21.16	85.9	6.22	1.6
SR5	12/19/2018 4:10	21.07	86.3	6.28	4.1	SR5	12/19/2018 10:10	21.09	87.9	6.39	2.3	SR5	12/19/2018 16:10	21.15	89.2	6.45	2.1	SR5	12/19/2018 22:10	21.16	85.6	6.19	1.9
SR5	12/19/2018 4:15	21.06	88.0	6.40	3.7	SR5	12/19/2018 10:15	21.10	87.0	6.32	3.2	SR5	12/19/2018 16:15	21.15	87.2	6.31	3.4	SR5	12/19/2018 22:15	21.16	87.4	6.32	3.8
SR5	12/19/2018 4:20	21.07	84.2	6.13	3.0	SR5	12/19/2018 10:20	21.10	86.2	6.27	1.7	SR5	12/19/2018 16:20	21.15	86.3	6.25	4.6	SR5	12/19/2018 22:20	21.17	89.0	6.44	3.9
SR5	12/19/2018 4:25	21.07	88.4	6.43	3.4	SR5	12/19/2018 10:25	21.11	86.5	6.28	4.8	SR5	12/19/2018 16:25	21.14	87.2	6.31	3.3	SR5	12/19/2018 22:25	21.17	86.4	6.25	3.6
SR5	12/19/2018 4:30	21.07	85.1	6.19	3.5	SR5	12/19/2018 10:30	21.12	84.9	6.17	2.6	SR5	12/19/2018 16:30	21.15	86.7	6.27	3.5	SR5	12/19/2018 22:30	21.17	87.9	6.36	2.5
SR5	12/19/2018 4:35	21.07	87.1	6.34	3.2	SR5	12/19/2018 10:35	21.12	83.8	6.09	4.1	SR5	12/19/2018 16:35	21.15	88.5	6.40	2.6	SR5	12/19/2018 22:35	21.16	87.2	6.31	3.1
SR5	12/19/2018 4:40	21.08	85.7	6.23	1.7	SR5	12/19/2018 10:40	21.13	84.7	6.16	2.7	SR5	12/19/2018 16:40	21.15	88.0	6.37	3.9	SR5	12/19/2018 22:40	21.16	84.8	6.14	3.6
SR5	12/19/2018 4:45	21.09	87.8	6.38	4.4	SR5	12/19/2018 10:45	21.13	84.4	6.14	2.9	SR5	12/19/2018 16:45	21.16	86.2	6.24	4.0	SR5	12/19/2018 22:45	21.16	84.7	6.13	2.5
SR5	12/19/2018 4:50	21.09	88.4	6.43	4.3	SR5	12/19/2018 10:50	21.15	85.1	6.18	2.3	SR5	12/19/2018 16:50	21.16	89.7	6.49	4.4	SR5	12/19/2018 22:50	21.16	88.3	6.39	1.7
SR5	12/19/2018 4:55	21.08	88.3	6.42	3.6	SR5	12/19/2018 10:55	21.13	82.6	6.00	2.7	SR5	12/19/2018 16:55	21.15	87.6	6.34	4.0	SR5	12/19/2018 22:55	21.16	89.4	6.47	3.9
SR5	12/19/2018 5:00	21.08	84.7	6.16	2.5	SR5	12/19/2018 11:00	21.14	85.5	6.21	3.0	SR5	12/19/2018 17:00	21.15	89.4	6.47	3.6	SR5	12/19/2018 23:00	21.16	86.2	6.24	2.9
SR5	12/19/2018 5:05	21.09	87.7	6.38	3.0	SR5	12/19/2018 11:05	21.14	84.0	6.10	1.8	SR5	12/19/2018 17:05	21.15	89.1	6.45	2.2	SR5	12/19/2018 23:05	21.16	86.2	6.24	3.9
SR5	12/19/2018 5:10	21.10	86.6	6.30	3.8	SR5	12/19/2018 11:10	21.13	82.5	5.99	3.6	SR5	12/19/2018 17:10	21.15	88.1	6.38	3.5	SR5	12/19/2018 23:10	21.15	87.9	6.35	3.3
SR5	12/19/2018 5:15	21.09	85.5	6.22	2.8	SR5	12/19/2018 11:15	21.15	86.5	6.28	4.5	SR5	12/19/2018 17:15	21.15	86.7	6.27	3.9	SR5	12/19/2018 23:15	21.15	85.5	6.19	3.2
SR5	12/19/2018 5:20	21.09	87.9	6.39	3.5	SR5	12/19/2018 11:20	21.15	83.5	6.06	2.6	SR5	12/19/2018 17:20	21.15	87.9	6.36	**11.0**	SR5	12/19/2018 23:20	21.15	88.5	6.40	4.4
SR5	12/19/2018 5:25	21.10	83.9	6.11	4.6	SR5	12/19/2018 11:25	21.15	85.6	6.21	2.9	SR5	12/19/2018 17:25	21.15	88.9	6.43	5.5	SR5	12/19/2018 23:25	21.15	88.1	6.38	2.6
SR5	12/19/2018 5:30	21.09	84.7	6.16	3.9	SR5	12/19/2018 11:30	21.14	86.3	6.26	3.6	SR5	12/19/2018 17:30	21.14	89.6	6.48	4.3	SR5	12/19/2018 23:30	21.15	85.3	6.17	4.0
SR5	12/19/2018 5:35	21.09	85.3	6.20	2.9	SR5	12/19/2018 11:35	21.16	86.2	6.27	4.5	SR5	12/19/2018 17:35	21.15	86.1	6.23	2.9	SR5	12/19/2018 23:35	21.14	87.4	6.32	3.9
SR5	12/19/2018 5:40	21.10	84.5	6.14	2.5	SR5	12/19/2018 11:40	21.16	85.7	6.23	2.6	SR5	12/19/2018 17:40	21.15	87.3	6.31	4.0	SR5	12/19/2018 23:40	21.13	87.0	6.30	3.7
SR5	12/19/2018 5:45	21.09	84.0	6.11	3.5	SR5	12/19/2018 11:45	21.17	83.5	6.06	3.6	SR5	12/19/2018 17:45	21.15	84.7	6.13	3.1	SR5	12/19/2018 23:45	21.13	89.7	6.49	1.7
SR5	12/19/2018 5:50	21.09	83.2	6.05	5.0	SR5	12/19/2018 11:50	21.16	85.7	6.21	3.2	SR5	12/19/2018 17:50	21.15	89.1	6.44	2.4	SR5	12/19/2018 23:50	21.13	89.1	6.44	3.3
SR5	12/19/2018 5:55	21.09	83.6	6.08	4.0	SR5	12/19/2018 11:55	21.15	81.9	5.93	3.5	SR5	12/19/2018 17:55	21.15	88.7	6.42	2.2	SR5	12/19/2018 23:55	21.13	88.0	6.37	2.5

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/19/2018 0:01	21.41	79.6	5.82	2.0	SR12	12/19/2018 6:01	21.42	76.6	5.60	1.7	SR12	12/19/2018 12:01	21.46	80.5	5.87	5.2	SR12	12/19/2018 18:01	21.51	78.4	5.72	2.2
SR12	12/19/2018 0:06	21.41	80.1	5.85	1.8	SR12	12/19/2018 6:06	21.42	77.1	5.63	3.3	SR12	12/19/2018 12:06	21.44	81.0	5.91	1.9	SR12	12/19/2018 18:06	21.52	78.4	5.72	3.2
SR12	12/19/2018 0:11	21.41	79.8	5.83	3.9	SR12	12/19/2018 6:11	21.43	77.0	5.62	4.0	SR12	12/19/2018 12:11	21.43	80.9	5.91	4.4	SR12	12/19/2018 18:11	21.54	77.8	5.67	2.8
SR12	12/19/2018 0:16	21.41	79.2	5.79	2.4	SR12	12/19/2018 6:16	21.43	77.6	5.67	4.0	SR12	12/19/2018 12:16	21.47	81.4	5.94	2.9	SR12	12/19/2018 18:16	21.52	77.9	5.68	2.7
SR12	12/19/2018 0:21	21.40	79.7	5.82	4.8	SR12	12/19/2018 6:21	21.43	76.8	5.61	1.3	SR12	12/19/2018 12:21	21.45	81.3	5.94	1.5	SR12	12/19/2018 18:21	21.51	78.8	5.75	2.6
SR12	12/19/2018 0:26	21.39	79.9	5.84	2.7	SR12	12/19/2018 6:26	21.43	76.1	5.55	1.2	SR12	12/19/2018 12:26	21.43	81.5	5.95	4.4	SR12	12/19/2018 18:26	21.51	78.9	5.76	2.7
SR12	12/19/2018 0:31	21.40	79.7	5.82	4.8	SR12	12/19/2018 6:31	21.46	76.2	5.56	1.9	SR12	12/19/2018 12:31	21.44	81.5	5.95	1.5	SR12	12/19/2018 18:31	21.50	77.7	5.67	4.0
SR12	12/19/2018 0:36	21.39	80.0	5.84	1.4	SR12	12/19/2018 6:36	21.44	76.8	5.61	4.3	SR12	12/19/2018 12:36	21.48	81.7	5.96	1.7	SR12	12/19/2018 18:36	21.52	77.8	5.67	2.9
SR12	12/19/2018 0:41	21.40	79.4	5.80	3.7	SR12	12/19/2018 6:41	21.45	76.9	5.62	1.8	SR12	12/19/2018 12:41	21.47	81.6	5.96	3.7	SR12	12/19/2018 18:41	21.53	77.2	5.63	2.2
SR12	12/19/2018 0:46	21.39	79.8	5.83	2.3	SR12	12/19/2018 6:46	21.42	76.3	5.57	4.2	SR12	12/19/2018 12:46	21.47	81.5	5.95	4.3	SR12	12/19/2018 18:46	21.50	78.1	5.70	1.6
SR12	12/19/2018 0:51	21.42	79.8	5.83	3.7	SR12	12/19/2018 6:51	21.41	75.9	5.55	3.5	SR12	12/19/2018 12:51	21.43	81.2	5.93	4.6	SR12	12/19/2018 18:51	21.50	77.9	5.68	5.1
SR12	12/19/2018 0:56	21.41	79.8	5.83	1.9	SR12	12/19/2018 6:56	21.44	76.6	5.59	3.8	SR12	12/19/2018 12:56	21.42	81.4	5.94	3.9	SR12	12/19/2018 18:56	21.51	79.0	5.76	5.2
SR12	12/19/2018 1:01	21.39	80.3	5.87	3.7	SR12	12/19/2018 7:01	21.43	75.9	5.54	2.2	SR12	12/19/2018 13:01	21.44	82.0	5.99	2.3	SR12	12/19/2018 19:01	21.53	78.0	5.68	2.0
SR12	12/19/2018 1:06	21.39	80.0	5.85	5.3	SR12	12/19/2018 7:06	21.41	75.6	5.52	4.1	SR12	12/19/2018 13:06	21.45	82.6	6.03	4.0	SR12	12/19/2018 19:06	21.50	78.7	5.74	3.3
SR12	12/19/2018 1:11	21.38	80.5	5.89	3.8	SR12	12/19/2018 7:11	21.40	75.9	5.55	3.9	SR12	12/19/2018 13:11	21.48	82.1	5.99	3.2	SR12	12/19/2018 19:11	21.50	78.9	5.75	2.8
SR12	12/19/2018 1:16	21.38	80.8	5.91	4.2	SR12	12/19/2018 7:16	21.40	76.4	5.59	4.5	SR12	12/19/2018 13:16	21.49	82.3	6.00	3.2	SR12	12/19/2018 19:16	21.52	78.7	5.74	4.7
SR12	12/19/2018 1:21	21.38	79.8	5.83	3.2	SR12	12/19/2018 7:21	21.40	75.5	5.52	2.9	SR12	12/19/2018 13:21	21.52	82.4	6.01	5.0	SR12	12/19/2018 19:21	21.51	79.1	5.77	1.8
SR12	12/19/2018 1:26	21.39	79.7	5.82	3.9	SR12	12/19/2018 7:26	21.40	76.3	5.58	5.0	SR12	12/19/2018 13:26	21.47	82.3	6.00	2.8	SR12	12/19/2018 19:26	21.50	79.1	5.77	4.4
SR12	12/19/2018 1:31	21.40	78.6	5.74	3.6	SR12	12/19/2018 7:31	21.40	76.1	5.56	1.5	SR12	12/19/2018 13:31	21.45	81.9	5.98	4.9	SR12	12/19/2018 19:31	21.50	79.2	5.78	1.8
SR12	12/19/2018 1:36	21.39	78.8	5.76	4.6	SR12	12/19/2018 7:36	21.45	75.4	5.50	1.7	SR12	12/19/2018 13:36	21.46	81.5	5.95	2.7	SR12	12/19/2018 19:36	21.53	78.6	5.73	5.4
SR12	12/19/2018 1:41	21.39	78.7	5.75	2.9	SR12	12/19/2018 7:41	21.42	76.3	5.57	3.5	SR12	12/19/2018 13:41	21.46	81.9	5.98	4.2	SR12	12/19/2018 19:41	21.53	78.5	5.72	3.4
SR12	12/19/2018 1:46	21.38	78.9	5.77	3.1	SR12	12/19/2018 7:46	21.43	76.2	5.57	4.5	SR12	12/19/2018 13:46	21.45	81.7	5.96	4.5	SR12	12/19/2018 19:46	21.52	78.3	5.71	4.4
SR12	12/19/2018 1:51	21.38	79.5	5.81	5.4	SR12	12/19/2018 7:51	21.46	76.3	5.57	2.7	SR12	12/19/2018 13:51	21.47	81.6	5.96	2.4	SR12	12/19/2018 19:51	21.54	77.8	5.67	3.0
SR12	12/19/2018 1:56	21.37	80.1	5.85	4.0	SR12	12/19/2018 7:56	21.43	77.3	5.65	4.5	SR12	12/19/2018 13:56	21.45	81.5	5.95	3.3	SR12	12/19/2018 19:56	21.51	78.4	5.72	1.3
SR12	12/19/2018 2:01	21.37	80.9	5.91	4.4	SR12	12/19/2018 8:01	21.44	77.4	5.65	2.5	SR12	12/19/2018 14:01	21.47	82.0	5.98	4.9	SR12	12/19/2018 20:01	21.52	78.4	5.72	4.5
SR12	12/19/2018 2:06	21.40	80.4	5.88	3.2	SR12	12/19/2018 8:06	21.44	77.2	5.63	4.7	SR12	12/19/2018 14:06	21.47	81.9	5.97	4.4	SR12	12/19/2018 20:06	21.50	78.7	5.74	2.4
SR12	12/19/2018 2:11	21.39	80.5	5.88	1.1	SR12	12/19/2018 8:11	21.43	77.4	5.65	4.0	SR12	12/19/2018 14:11	21.48	81.7	5.96	3.6	SR12	12/19/2018 20:11	21.50	78.5	5.73	4.9
SR12	12/19/2018 2:16	21.41	80.6	5.88	2.1	SR12	12/19/2018 8:16	21.43	77.8	5.68	5.0	SR12	12/19/2018 14:16	21.50	81.6	5.95	5.4	SR12	12/19/2018 20:16	21.50	78.8	5.75	1.4
SR12	12/19/2018 2:21	21.39	80.8	5.90	2.8	SR12	12/19/2018 8:21	21.44	77.5	5.66	4.3	SR12	12/19/2018 14:21	21.51	81.2	5.92	2.7	SR12	12/19/2018 20:21	21.51	78.2	5.70	3.5
SR12	12/19/2018 2:26	21.38	81.1	5.93	3.0	SR12	12/19/2018 8:26	21.43	77.7	5.68	3.9	SR12	12/19/2018 14:26	21.51	81.4	5.94	3.7	SR12	12/19/2018 20:26	21.49	78.1	5.70	2.2
SR12	12/19/2018 2:31	21.38	80.8	5.90	3.2	SR12	12/19/2018 8:31	21.42	77.1	5.63	1.6	SR12	12/19/2018 14:31	21.51	81.2	5.92	2.5	SR12	12/19/2018 20:31	21.50	78.4	5.72	5.1
SR12	12/19/2018 2:36	21.37	81.0	5.92	1.1	SR12	12/19/2018 8:36	21.45	77.3	5.64	4.4	SR12	12/19/2018 14:36	21.52	81.0	5.91	1.2	SR12	12/19/2018 20:36	21.49	78.8	5.75	4.6
SR12	12/19/2018 2:41	21.38	80.6	5.89	2.5	SR12	12/19/2018 8:41	21.44	77.3	5.64	1.5	SR12	12/19/2018 14:41	21.53	81.1	5.91	1.3	SR12	12/19/2018 20:41	21.49	78.9	5.76	5.3
SR12	12/19/2018 2:46	21.38	80.7	5.90	1.1	SR12	12/19/2018 8:46	21.42	77.4	5.66	2.1	SR12	12/19/2018 14:46	21.53	81.1	5.91	4.6	SR12	12/19/2018 20:46	21.50	78.4	5.72	2.2
SR12	12/19/2018 2:51	21.39	80.4	5.88	4.1	SR12	12/19/2018 8:51	21.43	77.1	5.63	1.1	SR12	12/19/2018 14:51	21.53	80.4	5.86	4.0	SR12	12/19/2018 20:51	21.51	78.8	5.75	2.1
SR12	12/19/2018 2:56	21.38	80.4	5.88	2.5	SR12	12/19/2018 8:56	21.42	76.9	5.62	4.6	SR12	12/19/2018 14:56	21.53	80.7	5.88	1.7	SR12	12/19/2018 20:56	21.50	79.2	5.78	4.7
SR12	12/19/2018 3:01	21.39	79.9	5.84	2.8	SR12	12/19/2018 9:01	21.45	77.7	5.68	3.2	SR12	12/19/2018 15:01	21.53	80.5	5.87	4.6	SR12	12/19/2018 21:01	21.51	79.0	5.76	4.5
SR12	12/19/2018 3:06	21.38	79.7	5.82	2.9	SR12	12/19/2018 9:06	21.44	77.7	5.67	4.2	SR12	12/19/2018 15:06	21.53	80.4	5.86	4.5	SR12	12/19/2018 21:06	21.54	78.8	5.74	1.5
SR12	12/19/2018 3:11	21.38	79.6	5.82	1.6	SR12	12/19/2018 9:11	21.43	77.7	5.67	4.3	SR12	12/19/2018 15:11	21.53	80.6	5.88	1.5	SR12	12/19/2018 21:11	21.53	78.6	5.73	2.8
SR12	12/19/2018 3:16	21.40	79.2	5.78	3.7	SR12	12/19/2018 9:16	21.43	77.9	5.69	4.1	SR12	12/19/2018 15:16	21.53	80.4	5.86	2.9	SR12	12/19/2018 21:16	21.53	78.5	5.72	1.7
SR12	12/19/2018 3:21	21.39	79.1	5.78	1.1	SR12	12/19/2018 9:21	21.43	78.2	5.71	3.9	SR12	12/19/2018 15:21	21.53	80.3	5.86	2.9	SR12	12/19/2018 21:21	21.52	78.4	5.71	2.9
SR12	12/19/2018 3:26	21.41	79.2	5.79	3.4	SR12	12/19/2018 9:26	21.43	77.8	5.68	4.7	SR12	12/19/2018 15:26	21.53	79.9	5.83	4.8	SR12	12/19/2018 21:26	21.51	78.8	5.74	2.0
SR12	12/19/2018 3:31	21.41	79.1	5.77	5.3	SR12	12/19/2018 9:31	21.43	78.0	5.70	3.9	SR12	12/19/2018 15:31	21.53	80.1	5.84	3.1	SR12	12/19/2018 21:31	21.49	80.2	5.85	2.2
SR12	12/19/2018 3:36	21.41	78.6	5.74	2.6	SR12	12/19/2018 9:36	21.44	77.9	5.69	1.8	SR12	12/19/2018 15:36	21.52	79.5	5.80	2.4	SR12	12/19/2018 21:36	21.51	80.5	5.87	3.7
SR12	12/19/2018 3:41	21.42	78.6	5.74	2.3	SR12	12/19/2018 9:41	21.46	78.2	5.71	2.1	SR12	12/19/2018 15:41	21.53	79.2	5.77	2.3	SR12	12/19/2018 21:41	21.50	80.0	5.84	3.5
SR12	12/19/2018 3:46	21.42	78.3	5.72	3.6	SR12	12/19/2018 9:46	21.47	77.7	5.67	2.1	SR12	12/19/2018 15:46	21.52	79.9	5.82	5.2	SR12	12/19/2018 21:46	21.50	80.6	5.88	2.2
SR12	12/19/2018 3:51	21.42	79.5	5.81	1.7	SR12	12/19/2018 9:51	21.45	77.8	5.68	4.2	SR12	12/19/2018 15:51	21.55	80.1	5.84	3.2	SR12	12/19/2018 21:51	21.52	78.6	5.73	3.2
SR12	12/19/2018 3:56	21.41	79.0	5.77	3.8	SR12	12/19/2018 9:56	21.43	78.6	5.74	2.5	SR12	12/19/2018 15:56	21.55	79.9	5.82	1.3	SR12	12/19/2018 21:56	21.51	78.8	5.75	1.8
SR12	12/19/2018 4:01	21.44	78.3	5.72	2.6	SR12	12/19/2018 10:01	21.42	79.0	5.77	4.5	SR12	12/19/2018 16:01	21.52	79.9	5.83	5.2	SR12	12/19/2018 22:01	21.50	78.8	5.74	2.4
SR12	12/19/2018 4:06	21.42	78.7	5.75	3.4	SR12	12/19/2018 10:06	21.40	79.6	5.81	5.3	SR12	12/19/2018 16:06	21.53	79.4	5.79	2.0	SR12	12/19/2018 22:06	21.49	78.6	5.74	2.9
SR12	12/19/2018 4:11	21.41	78.6	5.74	2.4	SR12	12/19/2018 10:11	21.39	80.0	5.84	1.6	SR12	12/19/2018 16:11	21.52	79.6	5.80	4.5	SR12	12/19/2018 22:11	21.49	79.5	5.80	4.9
SR12	12/19/2018 4:16	21.41	78.2	5.71	2.3	SR12	12/19/2018 10:16	21.38	79.8	5.83	4.0	SR12	12/19/2018 16:16	21.52	79.5	5.80	2.2	SR12	12/19/2018 22:16	21.52	79.5	5.80	1.9
SR12	12/19/2018 4:21	21.43	78.0	5.69	2.6	SR12	12/19/2018 10:21	21.40	80.2	5.86	1.5	SR12	12/19/2018 16:21	21.52	79.2	5.77	3.0	SR12	12/19/2018 22:21	21.49	80.1	5.85	4.4
SR12	12/19/2018 4:26	21.42	77.6	5.67	3.2	SR12	12/19/2018 10:26	21.40	80.4	5.87	4.1	SR12	12/19/2018 16:26	21.53	78.4	5.72	3.4	SR12	12/19/2018 22:26	21.48	80.0	5.84	4.1
SR12	12/19/2018 4:31	21.41	78.0	5.70	5.5	SR12	12/19/2018 10:31	21.40	80.3	5.87	1.6	SR12	12/19/2018 16:31	21.52	78.9	5.75	3.8	SR12	12/19/2018 22:31	21.48	79.9	5.83	1.6
SR12	12/19/2018 4:36	21.42	76.9	5.62	2.5	SR12	12/19/2018 10:36	21.40	80.6	5.89	5.0	SR12	12/19/2018 16:36	21.53	79.9	5.82	5.0	SR12	12/19/2018 22:36	21.47	80.8	5.90	5.3
SR12	12/19/2018 4:41	21.42	77.3	5.65	2.0	SR12	12/19/2018 10:41	21.44	80.2	5.86	4.9	SR12	12/19/2018 16:41	21.53	79.1	5.77	2.1	SR12	12/19/2018 22:41	21.47	80.5	5.88	5.4
SR12	12/19/2018 4:46	21.42	77.8	5.68	2.4	SR12	12/19/2018 10:46	21.45	80.1	5.85	4.8	SR12	12/19/2018 16:46	21.52	79.0	5.76	2.8	SR12	12/19/2018 22:46	21.48	80.1	5.85	5.0
SR12	12/19/2018 4:51	21.40	77.9	5.69	5.4	SR12	12/19/2018 10:51	21.48	80.2	5.85	1.8	SR12	12/19/2018 16:51	21.52	78.5	5.73	2.0	SR12	12/19/2018 22:51	21.48	79.7	5.82	2.6
SR12	12/19/2018 4:56	21.41	77.7	5.68	3.6	SR12	12/19/2018 10:56	21.44	80.2	5.86	2.9	SR12	12/19/2018 16:56	21.52	78.5	5.72	4.9	SR12	12/19/2018 22:56	21.48	80.2	5.85	3.4
SR12	12/19/2018 5:01	21.41	77.5	5.66	5.4	SR12	12/19/2018 11:01	21.42	80.0	5.84	2.1	SR12	12/19/2018 17:01	21.55	78.6	5.73	4.0	SR12	12/19/2018 23:01	21.48	80.0	5.84	3.2
SR12	12/19/2018 5:06	21.41	77.5	5.66	5.4	SR12	12/19/2018 11:06	21.40	80.3	5.86	2.7	SR12	12/19/2018 17:06	21.53	78.5	5.73	3.1	SR12	12/19/2018 23:06	21.48	79.5	5.80	4.3
SR12	12/19/2018 5:11	21.41	77.6	5.67	5.2	SR12	12/19/2018 11:11	21.41	80.4	5.87	2.5	SR12	12/19/2018 17:11	21.53	78.2	5.70	5.0	SR12	12/19/2018 23:11	21.47	80.1	5.84	4.0
SR12	12/19/2018 5:16	21.41	78.1	5.70	5.4	SR12	12/19/2018 11:16	21.41	79.8	5.83	5.3	SR12	12/19/2018 17:16	21.53	78.7	5.74	2.6	SR12	12/19/2018 23:16	21.47	79.7	5.82	3.5
SR12	12/19/2018 5:21	21.42	77.5	5.66	4.1	SR12	12/19/2018 11:21	21.44	80.1	5.85	1.3	SR12	12/19/2018 17:21	21.53	78.0	5.69	2.5	SR12	12/19/2018 23:21	21.46	80.0	5.84	4.8
SR12	12/19/2018 5:26	21.41	77.5	5.66	4.7	SR12	12/19/2018 11:26	21.44	80.2	5.86	1.4	SR12	12/19/2018 17:26	21.53	78.8	5.75	2.8	SR12	12/19/2018 23:26	21.46	80.9	5.91	1.5
SR12	12/19/2018 5:31	21.41	77.3	5.65	3.9	SR12	12/19/2018 11:31	21.48	80.7	5.88	1.2	SR12	12/19/2018 17:31	21.53	78.9	5.75	1.9	SR12	12/19/2018 23:31	21.46	80.9	5.91	2.6
SR12	12/19/2018 5:36	21.42	76.5	5.59	4.1	SR12	12/19/2018 11:36	21.50	80.3	5.86	5.2	SR12	12/19/2018 17:36	21.52	78.8	5.74	1.8	SR12	12/19/2018 23:36	21.46	81.0	5.91	3.0
SR12	12/19/2018 5:41	21.42	76.5	5.59	3.6	SR12	12/19/2018 11:41	21.53	80.4	5.86	1.8	SR12	12/19/2018 17:41	21.53	78.5	5.72	3.9	SR12	12/19/2018 23:41	21.46	80.8	5.90	1.3
SR12	12/19/2018 5:46	21.41	76.7	5.60	5.0	SR12	12/19/2018 11:46	21.46	81.5	5.95	2.9	SR12	12/19/2018 17:46	21.53	77.8	5.67	3.2	SR12	12/19/2018 23:46	21.45	81.1	5.92	1.3
SR12	12/19/2018 5:51	21.43	76.6	5.60	5.1	SR12	12/19/2018 11:51	21.47	80.5	5.87	4.3	SR12	12/19/2018 17:51	21.55	77.4	5.64	3.6	SR12	12/19/2018 23:51	21.45	81.1	5.92	3.9
SR12	12/19/2018 5:56	21.43	76.7	5.60	4.9	SR12	12/19/2018 11:56	21.46	80.8	5.90	4.0	SR12	12/19/2018 17:56	21.53	77.8	5.67	3.8	SR12	12/19/2018 23:56	21.45	81.2	5.93	5.2

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/19/2018 0:00	21.04	83.6	6.03	5.4	SR13	12/19/2018 6:00	20.99	86.4	6.23	5.8	SR13	12/19/2018 12:00	20.38	79.1	6.03	2.3	SR13	12/19/2018 18:00	21.05	85.8	6.18	5.4
SR13	12/19/2018 0:05	21.01	84.8	6.12	4.5	SR13	12/19/2018 6:05	20.99	85.3	6.15	5.3	SR13	12/19/2018 12:05	20.38	79.7	6.05	2.5	SR13	12/19/2018 18:05	21.01	84.8	6.11	6.7
SR13	12/19/2018 0:10	21.00	86.1	6.21	4.1	SR13	12/19/2018 6:10	20.98	85.2	6.15	5.0	SR13	12/19/2018 12:10	20.39	79.3	5.97	1.6	SR13	12/19/2018 18:10	21.09	84.9	6.11	5.4
SR13	12/19/2018 0:15	21.01	86.8	6.26	4.8	SR13	12/19/2018 6:15	20.96	82.5	5.96	5.3	SR13	12/19/2018 12:15	20.39	79.3	5.99	6.6	SR13	12/19/2018 18:15	21.07	86.1	6.20	4.9
SR13	12/19/2018 0:20	20.99	84.6	6.10	3.7	SR13	12/19/2018 6:20	20.99	83.0	5.99	5.6	SR13	12/19/2018 12:20	20.39	79.7	6.01	2.3	SR13	12/19/2018 18:20	21.08	83.6	6.02	5.5
SR13	12/19/2018 0:25	21.02	85.1	6.14	4.6	SR13	12/19/2018 6:25	21.00	83.0	5.99	5.3	SR13	12/19/2018 12:25	20.39	79.6	6.02	2.8	SR13	12/19/2018 18:25	21.07	82.8	5.97	5.5
SR13	12/19/2018 0:30	20.99	86.3	6.23	5.2	SR13	12/19/2018 6:30	21.01	83.9	6.05	4.9	SR13	12/19/2018 12:30	20.38	79.7	6.02	5.9	SR13	12/19/2018 18:30	21.11	83.0	5.98	4.5
SR13	12/19/2018 0:35	20.96	85.0	6.13	4.7	SR13	12/19/2018 6:35	21.00	85.2	6.15	6.3	SR13	12/19/2018 12:35	20.38	79.8	6.03	1.5	SR13	12/19/2018 18:35	21.08	85.6	6.16	4.4
SR13	12/19/2018 0:40	20.97	86.5	6.24	5.8	SR13	12/19/2018 6:40	21.00	83.4	6.01	5.5	SR13	12/19/2018 12:40	20.39	79.6	6.00	2.1	SR13	12/19/2018 18:40	21.10	84.4	6.08	5.7
SR13	12/19/2018 0:45	20.96	83.8	6.04	4.8	SR13	12/19/2018 6:45	21.01	84.5	6.10	4.5	SR13	12/19/2018 12:45	20.39	79.5	5.98	4.6	SR13	12/19/2018 18:45	21.08	85.7	6.17	3.3
SR13	12/19/2018 0:50	20.96	85.5	6.17	4.4	SR13	12/19/2018 6:50	20.97	85.6	6.18	3.9	SR13	12/19/2018 12:50	20.38	79.6	5.99	4.8	SR13	12/19/2018 18:50	21.09	85.1	6.13	6.5
SR13	12/19/2018 0:55	20.99	84.4	6.09	5.7	SR13	12/19/2018 6:55	20.97	84.0	6.06	4.2	SR13	12/19/2018 12:55	20.38	79.5	5.98	4.5	SR13	12/19/2018 18:55	21.08	84.4	6.08	5.6
SR13	12/19/2018 1:00	21.03	83.7	6.04	5.0	SR13	12/19/2018 7:00	21.02	83.3	6.01	5.6	SR13	12/19/2018 13:00	20.38	79.5	5.95	3.9	SR13	12/19/2018 19:00	21.07	83.1	5.98	5.0
SR13	12/19/2018 1:05	20.98	84.1	6.07	5.7	SR13	12/19/2018 7:05	21.01	85.1	6.14	3.8	SR13	12/19/2018 13:05	20.38	79.5	5.97	6.1	SR13	12/19/2018 19:05	21.05	84.8	6.10	4.5
SR13	12/19/2018 1:10	20.99	84.8	6.12	4.0	SR13	12/19/2018 7:10	20.97	83.4	6.01	5.0	SR13	12/19/2018 13:10	20.37	79.4	5.95	5.8	SR13	12/19/2018 19:10	21.10	84.5	6.09	4.3
SR13	12/19/2018 1:15	21.01	84.1	6.06	5.2	SR13	12/19/2018 7:15	21.00	83.6	6.03	4.3	SR13	12/19/2018 13:15	20.38	79.4	5.95	2.1	SR13	12/19/2018 19:15	21.08	84.8	6.11	4.5
SR13	12/19/2018 1:20	21.01	85.5	6.17	4.7	SR13	12/19/2018 7:20	20.97	83.9	6.05	4.8	SR13	12/19/2018 13:20	20.39	79.4	5.94	4.3	SR13	12/19/2018 19:20	21.07	85.6	6.16	6.3
SR13	12/19/2018 1:25	20.99	85.8	6.19	5.3	SR13	12/19/2018 7:25	20.97	85.3	6.15	4.8	SR13	12/19/2018 13:25	20.38	79.2	5.94	3.8	SR13	12/19/2018 19:25	21.07	84.1	6.06	4.2
SR13	12/19/2018 1:30	21.02	84.3	6.08	4.7	SR13	12/19/2018 7:30	21.02	83.6	6.03	5.9	SR13	12/19/2018 13:30	20.37	79.1	5.92	2.6	SR13	12/19/2018 19:30	21.06	81.8	5.89	4.8
SR13	12/19/2018 1:35	21.01	86.9	6.27	4.9	SR13	12/19/2018 7:35	21.02	83.9	6.05	4.5	SR13	12/19/2018 13:35	20.38	79.8	6.03	1.5	SR13	12/19/2018 19:35	21.07	85.0	6.12	4.9
SR13	12/19/2018 1:40	20.98	86.0	6.20	5.2	SR13	12/19/2018 7:40	21.01	84.7	6.11	5.6	SR13	12/19/2018 13:40	20.42	80.2	5.96	3.2	SR13	12/19/2018 19:40	21.11	83.5	6.01	6.7
SR13	12/19/2018 1:45	20.97	84.6	6.11	5.5	SR13	12/19/2018 7:45	21.02	85.3	6.15	3.7	SR13	12/19/2018 13:45	20.42	80.3	5.98	6.2	SR13	12/19/2018 19:45	21.11	85.3	6.14	3.9
SR13	12/19/2018 1:50	20.97	85.8	6.19	5.4	SR13	12/19/2018 7:50	21.02	83.2	6.00	5.8	SR13	12/19/2018 13:50	20.43	80.6	6.03	1.8	SR13	12/19/2018 19:50	21.07	84.1	6.06	5.5
SR13	12/19/2018 1:55	21.02	85.8	6.19	4.2	SR13	12/19/2018 7:55	20.97	82.1	5.93	5.1	SR13	12/19/2018 13:55	20.43	80.4	6.01	1.8	SR13	12/19/2018 19:55	21.05	84.4	6.08	5.9
SR13	12/19/2018 2:00	21.02	86.8	6.26	4.7	SR13	12/19/2018 8:00	20.99	83.5	6.03	5.2	SR13	12/19/2018 14:00	20.38	79.2	5.94	3.8	SR13	12/19/2018 20:00	21.09	82.0	5.91	6.9
SR13	12/19/2018 2:05	21.02	84.8	6.12	4.9	SR13	12/19/2018 8:05	20.98	83.7	6.04	5.0	SR13	12/19/2018 14:05	20.43	79.8	5.95	8.5	SR13	12/19/2018 20:05	21.11	83.1	5.98	4.9
SR13	12/19/2018 2:10	20.98	86.9	6.27	4.7	SR13	12/19/2018 8:10	20.97	85.4	6.17	5.5	SR13	12/19/2018 14:10	20.42	80.2	5.96	4.0	SR13	12/19/2018 20:10	21.10	83.1	5.99	5.5
SR13	12/19/2018 2:15	20.99	82.7	5.96	5.3	SR13	12/19/2018 8:15	21.00	83.3	6.01	4.9	SR13	12/19/2018 14:15	20.42	80.2	5.96	3.2	SR13	12/19/2018 20:15	21.05	84.3	6.07	3.6
SR13	12/19/2018 2:20	21.03	83.9	6.06	5.4	SR13	12/19/2018 8:20	20.98	82.1	5.92	4.1	SR13	12/19/2018 14:20	20.42	80.3	5.98	6.2	SR13	12/19/2018 20:20	21.11	82.7	5.96	6.8
SR13	12/19/2018 2:25	21.02	86.1	6.21	4.3	SR13	12/19/2018 8:25	20.96	82.7	5.97	4.6	SR13	12/19/2018 14:25	20.42	80.3	5.97	2.5	SR13	12/19/2018 20:25	21.11	84.7	6.10	5.8
SR13	12/19/2018 2:30	20.98	84.6	6.11	5.0	SR13	12/19/2018 8:30	21.03	85.0	6.13	5.4	SR13	12/19/2018 14:30	20.43	80.3	5.97	5.7	SR13	12/19/2018 20:30	21.06	84.9	6.11	6.1
SR13	12/19/2018 2:35	20.99	84.9	6.13	5.5	SR13	12/19/2018 8:35	21.04	85.9	6.20	4.4	SR13	12/19/2018 14:35	20.42	80.3	5.98	4.3	SR13	12/19/2018 20:35	21.09	85.5	6.15	6.2
SR13	12/19/2018 2:40	20.96	84.3	6.08	5.5	SR13	12/19/2018 8:40	20.98	85.6	6.17	4.9	SR13	12/19/2018 14:40	20.42	80.0	5.95	1.5	SR13	12/19/2018 20:40	21.11	82.4	5.94	4.2
SR13	12/19/2018 2:45	21.00	87.3	6.30	5.2	SR13	12/19/2018 8:45	21.01	83.3	6.01	5.4	SR13	12/19/2018 14:45	20.45	79.9	5.94	6.1	SR13	12/19/2018 20:45	21.10	85.0	6.12	3.7
SR13	12/19/2018 2:50	21.00	86.7	6.26	4.8	SR13	12/19/2018 8:50	21.00	85.4	6.16	5.2	SR13	12/19/2018 14:50	20.45	80.2	5.96	4.3	SR13	12/19/2018 20:50	21.10	85.0	6.12	4.2
SR13	12/19/2018 2:55	20.98	84.1	6.07	4.4	SR13	12/19/2018 8:55	20.99	85.4	6.16	5.1	SR13	12/19/2018 14:55	21.01	87.2	6.28	4.9	SR13	12/19/2018 20:55	21.11	82.9	5.97	5.5
SR13	12/19/2018 3:00	20.96	84.2	6.07	3.9	SR13	12/19/2018 9:00	20.97	83.8	6.05	5.0	SR13	12/19/2018 15:00	21.07	86.7	6.24	6.1	SR13	12/19/2018 21:00	21.06	85.0	6.13	5.2
SR13	12/19/2018 3:05	21.02	87.3	6.30	4.6	SR13	12/19/2018 9:05	20.99	85.4	6.16	5.6	SR13	12/19/2018 15:05	21.05	85.7	6.17	4.0	SR13	12/19/2018 21:05	21.13	84.2	6.06	5.0
SR13	12/19/2018 3:10	20.96	84.9	6.13	5.0	SR13	12/19/2018 9:10	21.02	85.9	6.20	4.7	SR13	12/19/2018 15:10	21.00	85.1	6.13	4.4	SR13	12/19/2018 21:10	21.05	83.2	5.99	4.0
SR13	12/19/2018 3:15	21.01	84.1	6.07	4.7	SR13	12/19/2018 9:15	20.96	86.6	6.25	4.2	SR13	12/19/2018 15:15	21.04	85.7	6.17	5.1	SR13	12/19/2018 21:15	21.09	83.3	6.00	4.1
SR13	12/19/2018 3:20	20.95	85.4	6.16	4.3	SR13	12/19/2018 9:20	21.01	83.9	6.05	5.3	SR13	12/19/2018 15:20	21.02	84.5	6.09	4.7	SR13	12/19/2018 21:20	21.08	84.3	6.07	6.5
SR13	12/19/2018 3:25	20.97	85.2	6.15	4.4	SR13	12/19/2018 9:25	21.00	85.0	6.13	4.4	SR13	12/19/2018 15:25	21.03	87.2	6.28	5.2	SR13	12/19/2018 21:25	21.06	84.3	6.08	5.6
SR13	12/19/2018 3:30	21.00	87.5	6.31	3.3	SR13	12/19/2018 9:30	21.02	85.3	6.16	4.4	SR13	12/19/2018 15:30	21.04	87.2	6.28	5.7	SR13	12/19/2018 21:30	21.08	83.9	6.04	5.1
SR13	12/19/2018 3:35	21.01	86.4	6.23	4.8	SR13	12/19/2018 9:35	20.98	83.2	6.01	4.4	SR13	12/19/2018 15:35	21.03	85.7	6.17	5.6	SR13	12/19/2018 21:35	21.13	83.9	6.05	6.3
SR13	12/19/2018 3:40	21.00	84.3	6.08	4.5	SR13	12/19/2018 9:40	21.02	83.9	6.05	5.2	SR13	12/19/2018 15:40	21.04	87.1	6.27	4.3	SR13	12/19/2018 21:40	21.06	84.9	6.12	5.3
SR13	12/19/2018 3:45	20.95	86.4	6.24	4.9	SR13	12/19/2018 9:45	21.03	85.7	6.18	4.6	SR13	12/19/2018 15:45	21.02	84.7	6.10	4.6	SR13	12/19/2018 21:45	21.08	85.0	6.12	6.6
SR13	12/19/2018 3:50	21.00	87.3	6.30	4.1	SR13	12/19/2018 9:50	20.96	86.3	6.22	4.8	SR13	12/19/2018 15:50	21.06	85.8	6.18	5.4	SR13	12/19/2018 21:50	21.13	82.5	5.94	4.8
SR13	12/19/2018 3:55	20.96	86.6	6.24	3.9	SR13	12/19/2018 9:55	20.99	83.3	6.01	4.8	SR13	12/19/2018 15:55	21.05	85.9	6.19	4.8	SR13	12/19/2018 21:55	21.09	83.7	6.03	4.4
SR13	12/19/2018 4:00	20.98	84.1	6.06	4.3	SR13	12/19/2018 10:00	20.33	80.0	5.46	3.7	SR13	12/19/2018 16:00	21.07	85.8	6.18	4.0	SR13	12/19/2018 22:00	21.06	83.5	6.01	5.4
SR13	12/19/2018 4:05	20.96	84.7	6.11	4.5	SR13	12/19/2018 10:05	20.33	80.0	5.46	1.7	SR13	12/19/2018 16:05	21.03	86.6	6.24	3.9	SR13	12/19/2018 22:05	21.07	84.2	6.06	5.3
SR13	12/19/2018 4:10	21.01	84.6	6.11	4.7	SR13	12/19/2018 10:10	20.33	80.0	5.46	2.1	SR13	12/19/2018 16:10	21.03	85.9	6.19	5.6	SR13	12/19/2018 22:10	21.07	83.5	6.01	3.7
SR13	12/19/2018 4:15	20.99	86.0	6.20	5.2	SR13	12/19/2018 10:15	20.32	80.2	5.48	2.5	SR13	12/19/2018 16:15	21.01	84.3	6.08	5.1	SR13	12/19/2018 22:15	21.06	83.9	6.04	4.9
SR13	12/19/2018 4:20	20.97	85.7	6.18	4.5	SR13	12/19/2018 10:20	20.33	80.0	5.56	4.0	SR13	12/19/2018 16:20	21.05	84.3	6.07	4.5	SR13	12/19/2018 22:20	21.06	84.8	6.11	4.5
SR13	12/19/2018 4:25	21.02	84.4	6.09	4.5	SR13	12/19/2018 10:25	20.32	80.0	5.59	6.4	SR13	12/19/2018 16:25	21.04	87.2	6.28	5.2	SR13	12/19/2018 22:25	21.11	83.5	6.02	4.4
SR13	12/19/2018 4:30	20.99	82.7	5.97	5.4	SR13	12/19/2018 10:30	20.32	80.1	5.62	2.4	SR13	12/19/2018 16:30	21.02	85.0	6.12	5.2	SR13	12/19/2018 22:30	21.11	82.9	5.98	12.4
SR13	12/19/2018 4:35	20.99	86.0	6.20	3.8	SR13	12/19/2018 10:35	20.32	80.1	5.62	2.4	SR13	12/19/2018 16:35	21.07	86.6	6.24	3.9	SR13	12/19/2018 22:35	21.11	82.8	5.97	5.5
SR13	12/19/2018 4:40	20.97	84.1	6.07	5.1	SR13	12/19/2018 10:40	20.33	80.5	5.94	4.8	SR13	12/19/2018 16:40	21.01	86.7	6.25	3.7	SR13	12/19/2018 22:40	21.05	84.1	6.05	5.2
SR13	12/19/2018 4:45	21.03	83.9	6.05	3.9	SR13	12/19/2018 10:45	20.34	80.4	6.13	2.9	SR13	12/19/2018 16:45	21.01	84.2	6.06	4.7	SR13	12/19/2018 22:45	21.10	84.4	6.08	3.8
SR13	12/19/2018 4:50	20.99	86.3	6.23	4.7	SR13	12/19/2018 10:50	20.34	80.2	6.23	3.2	SR13	12/19/2018 16:50	21.04	86.9	6.26	5.5	SR13	12/19/2018 22:50	21.10	82.9	5.97	4.3
SR13	12/19/2018 4:55	20.97	83.5	6.02	5.5	SR13	12/19/2018 10:55	20.34	80.2	6.31	2.4	SR13	12/19/2018 16:55	21.05	85.5	6.16	4.2	SR13	12/19/2018 22:55	21.08	85.0	6.12	6.3
SR13	12/19/2018 5:00	21.01	83.7	6.04	5.3	SR13	12/19/2018 11:00	20.33	80.2	6.34	4.8	SR13	12/19/2018 17:00	21.01	85.1	6.13	4.8	SR13	12/19/2018 23:00	21.06	85.1	6.13	5.2
SR13	12/19/2018 5:05	20.98	83.9	6.05	4.0	SR13	12/19/2018 11:05	20.34	80.2	6.36	3.8	SR13	12/19/2018 17:05	21.02	86.6	6.23	5.1	SR13	12/19/2018 23:05	21.08	83.4	6.01	5.9
SR13	12/19/2018 5:10	20.97	85.3	6.15	4.2	SR13	12/19/2018 11:10	20.34	80.2	6.35	2.5	SR13	12/19/2018 17:10	21.05	86.0	6.20	4.2	SR13	12/19/2018 23:10	21.05	84.0	6.05	4.8
SR13	12/19/2018 5:15	20.96	84.7	6.11	5.2	SR13	12/19/2018 11:15	20.34	80.1	6.35	2.6	SR13	12/19/2018 17:15	21.07	83.6	6.02	4.8	SR13	12/19/2018 23:15	21.07	84.7	6.10	3.9
SR13	12/19/2018 5:20	20.98	84.3	6.08	5.1	SR13	12/19/2018 11:20	20.34	80.0	6.30	3.8	SR13	12/19/2018 17:20	21.05	87.3	6.28	5.6	SR13	12/19/2018 23:20	21.09	83.3	6.00	4.3
SR13	12/19/2018 5:25	21.02	84.2	6.08	4.4	SR13	12/19/2018 11:25	20.33	80.0	6.27	4.9	SR13	12/19/2018 17:25	21.02	85.9	6.18	4.6	SR13	12/19/2018 23:25	21.05	84.1	6.06	5.4
SR13	12/19/2018 5:30	20.98	84.5	6.10	5.1	SR13	12/19/2018 11:30	20.33	79.9	6.23	3.7	SR13	12/19/2018 17:30	21.07	86.5	6.23	5.6	SR13	12/19/2018 23:30	21.04	82.2	5.92	4.2
SR13	12/19/2018 5:35	20.99	85.0	6.13	6.1	SR13	12/19/2018 11:35	20.34	79.9	6.20	2.9	SR13	12/19/2018 17:35	21.05	87.5	6.30	4.4	SR13	12/19/2018 23:35	21.04	84.7	6.10	4.3
SR13	12/19/2018 5:40	21.02	84.1	6.07	5.3	SR13	12/19/2018 11:40	20.43	77.8	6.00	3.6	SR13	12/19/2018 17:40	21.01	84.1	6.05	4.9	SR13	12/19/2018 23:40	21.06	85.3	6.15	5.7
SR13	12/19/2018 5:45	21.00	83.8	6.05	5.4	SR13	12/19/2018 11:45	20.34	79.5	6.10	3.5	SR13	12/19/2018 17:45	21.03	84.4	6.08	5.9	SR13	12/19/2018 23:45	21.05	83.2	6.00	4.4
SR13	12/19/2018 5:50	21.02	86.3	6.23	5.3	SR13	12/19/2018 11:50	20.36	79.5	6.08	6.2	SR13	12/19/2018 17:50	21.01	86.5	6.23	4.6	SR13	12/19/2018 23:50	21.05	84.9	6.12	6.3
SR13	12/19/2018 5:55	20.96	85.9	6.20	5.6	SR13	12/19/2018 11:55	20.38	79.4	6.03	3.2	SR13	12/19/2018 17:55	21.02	86.0	6.19	6.1	SR13	12/19/2018 23:55	21.08	83.8	6.04	5.5

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	12/19/2018 0:17	0.05				SR12	12/19/2018 0:17	0.05			
SR4	12/19/2018 0:37	0.05				SR12	12/19/2018 0:37	0.03			
SR4	12/19/2018 0:57	0.04				SR12	12/19/2018 0:57	0.06			
SR4	12/19/2018 1:17	0.02				SR12	12/19/2018 1:17	0.06			
SR4	12/19/2018 1:37	0.03				SR12	12/19/2018 1:37	0.02			
SR4	12/19/2018 1:57	0.02				SR12	12/19/2018 1:57	0.06			
SR4	12/19/2018 2:17	0.02				SR12	12/19/2018 2:17	0.02			
SR4	12/19/2018 2:37	0.04				SR12	12/19/2018 2:37	0.03			
SR4	12/19/2018 2:57	0.04				SR12	12/19/2018 2:57	0.06			
SR4	12/19/2018 3:17	0.05				SR12	12/19/2018 3:17	0.01			
SR4	12/19/2018 3:37	0.02				SR12	12/19/2018 3:37	0.02			
SR4	12/19/2018 3:57	0.02				SR12	12/19/2018 3:57	0.10			
SR4	12/19/2018 4:17	0.04				SR12	12/19/2018 4:17	0.06			
SR4	12/19/2018 4:37	0.04				SR12	12/19/2018 4:37	0.08			
SR4	12/19/2018 4:57	0.04				SR12	12/19/2018 4:57	0.05			
SR4	12/19/2018 5:17	0.04				SR12	12/19/2018 5:17	0.11			
SR4	12/19/2018 5:37	0.04				SR12	12/19/2018 5:37	0.06			
SR4	12/19/2018 5:57	0.05				SR12	12/19/2018 5:57	0.10			
SR4						SR12					
SR4	12/19/2018 6:37	0.03				SR12	12/19/2018 6:37	0.09			
SR4	12/19/2018 6:57	0.04				SR12	12/19/2018 6:57	0.10			
SR4	12/19/2018 7:17	0.02				SR12	12/19/2018 7:17	0.08			
SR4	12/19/2018 7:37	0.03				SR12	12/19/2018 7:37	0.08			
SR4	12/19/2018 7:57	0.08				SR12	12/19/2018 7:57	0.10			
SR4	12/19/2018 8:17	0.08				SR12	12/19/2018 8:17	0.11			
SR4	12/19/2018 8:37	0.10				SR12	12/19/2018 8:37	0.08			
SR4	12/19/2018 8:57	0.07				SR12	12/19/2018 8:57	0.12			
SR4	12/19/2018 9:17	0.10				SR12	12/19/2018 9:17	0.09			
SR4	12/19/2018 9:37	0.08				SR12	12/19/2018 9:37	0.09			
SR4	12/19/2018 9:57	0.10				SR12	12/19/2018 9:57	0.10			
SR4	12/19/2018 10:17	0.07				SR12	12/19/2018 10:17	0.07			
SR4	12/19/2018 10:37	0.09				SR12	12/19/2018 10:37	0.08			
SR4	12/19/2018 10:57	0.10				SR12	12/19/2018 10:57	0.12			
SR4	12/19/2018 11:17	0.07				SR12	12/19/2018 11:17	0.12			
SR4	12/19/2018 11:37	0.08				SR12	12/19/2018 11:37	0.06			
SR4	12/19/2018 11:57	0.08				SR12	12/19/2018 11:57	0.08			
SR4	12/19/2018 12:17	0.10				SR12	12/19/2018 12:17	0.08			
SR4	12/19/2018 12:37	0.07				SR12	12/19/2018 12:37	0.09			
SR4	12/19/2018 12:57	0.10				SR12	12/19/2018 12:57	0.09			
SR4	12/19/2018 13:17	0.09				SR12	12/19/2018 13:17	0.07			
SR4	12/19/2018 13:37	0.09				SR12	12/19/2018 13:37	0.10			
SR4	12/19/2018 13:57	0.08				SR12	12/19/2018 13:57	0.06			
SR4	12/19/2018 14:17	0.09				SR12	12/19/2018 14:17	0.10			
SR4	12/19/2018 14:37	0.09				SR12	12/19/2018 14:37	0.10			
SR4	12/19/2018 14:57	0.10				SR12	12/19/2018 14:57	0.06			
SR4	12/19/2018 15:17	0.10				SR12	12/19/2018 15:17	0.06			
SR4	12/19/2018 15:37	0.07				SR12	12/19/2018 15:37	0.09			
SR4	12/19/2018 15:57	0.10				SR12	12/19/2018 15:57	0.08			
SR4	12/19/2018 16:17	0.08				SR12	12/19/2018 16:17	0.09			
SR4	12/19/2018 16:37	0.08				SR12	12/19/2018 16:37	0.06			
SR4	12/19/2018 16:57	0.08				SR12	12/19/2018 16:57	0.11			
SR4	12/19/2018 17:17	0.07				SR12	12/19/2018 17:17	0.10			
SR4	12/19/2018 17:37	0.08				SR12	12/19/2018 17:37	0.11			
SR4	12/19/2018 17:57	0.07				SR12	12/19/2018 17:57	0.09			
SR4	12/19/2018 18:17	0.10				SR12	12/19/2018 18:17	0.09			
SR4	12/19/2018 18:37	0.09				SR12	12/19/2018 18:37	0.06			
SR4	12/19/2018 18:57	0.08				SR12	12/19/2018 18:57	0.06			
SR4	12/19/2018 19:17	0.07				SR12	12/19/2018 19:17	0.05			
SR4	12/19/2018 19:37	0.07				SR12	12/19/2018 19:37	0.08			
SR4	12/19/2018 19:57	0.07				SR12	12/19/2018 19:57	0.08			
SR4	12/19/2018 20:17	0.08				SR12	12/19/2018 20:17	0.07			
SR4	12/19/2018 20:37	0.08				SR12	12/19/2018 20:37	0.09			
SR4	12/19/2018 20:57	0.09				SR12	12/19/2018 20:57	0.12			
SR4	12/19/2018 21:17	0.10				SR12	12/19/2018 21:17	0.11			
SR4	12/19/2018 21:37	0.09				SR12	12/19/2018 21:37	0.09			
SR4	12/19/2018 21:57	0.07				SR12	12/19/2018 21:57	0.05			
SR4	12/19/2018 22:17	0.08				SR12	12/19/2018 22:17	0.09			
SR4	12/19/2018 22:37	0.07				SR12	12/19/2018 22:37	0.07			
SR4	12/19/2018 22:57	0.08				SR12	12/19/2018 22:57	0.10			
SR4	12/19/2018 23:17	0.07				SR12	12/19/2018 23:17	0.09			
SR4	12/19/2018 23:37	0.07				SR12	12/19/2018 23:37	0.11			
SR4	12/19/2018 23:57	0.09				SR12	12/19/2018 23:57	0.09			

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

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/20/2018 0:01	20.75	76.0	5.62	1.4	SR4	12/20/2018 6:01	20.62	81.7	6.06	1.6	SR4	12/20/2018 12:01	20.93	81.4	6.00	1.8	SR4	12/20/2018 18:01	20.81	80.4	5.94	3.0
SR4	12/20/2018 0:06	20.76	75.2	5.56	1.4	SR4	12/20/2018 6:06	20.61	81.9	6.07	1.5	SR4	12/20/2018 12:06	20.85	81.6	6.03	1.7	SR4	12/20/2018 18:06	20.80	80.1	5.92	3.3
SR4	12/20/2018 0:11	20.75	76.3	5.64	3.3	SR4	12/20/2018 6:11	20.63	82.2	6.09	2.5	SR4	12/20/2018 12:11	20.86	80.6	5.95	1.7	SR4	12/20/2018 18:11	20.79	80.6	5.96	3.9
SR4	12/20/2018 0:16	20.74	77.1	5.70	2.6	SR4	12/20/2018 6:16	20.64	81.7	6.06	2.7	SR4	12/20/2018 12:16	20.95	79.1	5.84	1.2	SR4	12/20/2018 18:16	20.79	80.8	5.97	4.7
SR4	12/20/2018 0:21	20.76	76.7	5.67	2.5	SR4	12/20/2018 6:21	20.63	81.7	6.05	1.9	SR4	12/20/2018 12:21	20.82	83.2	6.15	2.1	SR4	12/20/2018 18:21	20.79	80.1	5.92	3.3
SR4	12/20/2018 0:26	20.76	75.9	5.61	1.4	SR4	12/20/2018 6:26	20.63	80.6	5.97	1.6	SR4	12/20/2018 12:26	20.88	84.4	6.23	1.5	SR4	12/20/2018 18:26	20.80	79.6	5.88	2.9
SR4	12/20/2018 0:31	20.72	77.8	5.76	2.3	SR4	12/20/2018 6:31	20.63	80.5	5.97	1.6	SR4	12/20/2018 12:31	20.87	83.7	6.18	3.0	SR4	12/20/2018 18:31	20.80	79.9	5.91	3.0
SR4	12/20/2018 0:36	20.75	77.5	5.73	2.8	SR4	12/20/2018 6:36	20.63	80.5	5.96	1.4	SR4	12/20/2018 12:36	20.89	84.6	6.24	1.5	SR4	12/20/2018 18:36	20.79	79.6	5.88	3.1
SR4	12/20/2018 0:41	20.73	78.7	5.83	2.1	SR4	12/20/2018 6:41	20.63	80.5	5.96	1.4	SR4	12/20/2018 12:41	21.21	83.6	6.13	1.2	SR4	12/20/2018 18:41	20.80	80.5	5.95	3.1
SR4	12/20/2018 0:46	20.72	79.9	5.91	3.2	SR4	12/20/2018 6:46	20.63	79.6	5.90	1.3	SR4	12/20/2018 12:46	21.12	82.0	6.02	1.3	SR4	12/20/2018 18:46	20.80	79.7	5.89	2.7
SR4	12/20/2018 0:51	20.72	79.6	5.89	1.7	SR4	12/20/2018 6:51	20.63	80.3	5.95	2.2	SR4	12/20/2018 12:51	21.04	84.1	6.19	1.4	SR4	12/20/2018 18:51	20.80	79.0	5.84	2.2
SR4	12/20/2018 0:56	20.77	77.9	5.76	3.2	SR4	12/20/2018 6:56	20.63	81.2	6.02	1.9	SR4	12/20/2018 12:56	20.96	84.0	6.19	2.4	SR4	12/20/2018 18:56	20.80	77.8	5.75	2.1
SR4	12/20/2018 1:01	20.76	79.4	5.87	3.7	SR4	12/20/2018 7:01	20.63	80.8	5.99	1.5	SR4	12/20/2018 13:01	21.77	84.6	6.14	3.3	SR4	12/20/2018 19:01	20.79	78.0	5.76	2.1
SR4	12/20/2018 1:06	20.72	81.0	5.99	3.3	SR4	12/20/2018 7:06	20.64	82.0	6.07	2.6	SR4	12/20/2018 13:06	21.48	83.4	6.09	1.3	SR4	12/20/2018 19:06	20.80	76.7	5.67	2.3
SR4	12/20/2018 1:11	20.72	80.5	5.96	2.8	SR4	12/20/2018 7:11	20.64	81.2	6.02	3.0	SR4	12/20/2018 13:11	22.06	64.6	4.75	2.5	SR4	12/20/2018 19:11	20.79	79.1	5.85	2.4
SR4	12/20/2018 1:16	20.68	81.7	6.05	2.5	SR4	12/20/2018 7:16	20.64	81.6	6.05	2.8	SR4	12/20/2018 13:16	21.60	70.8	5.18	1.3	SR4	12/20/2018 19:16	20.78	79.7	5.89	3.4
SR4	12/20/2018 1:21	20.67	81.7	6.05	1.9	SR4	12/20/2018 7:21	20.64	81.7	6.05	3.2	SR4	12/20/2018 13:21	21.34	77.2	5.66	1.8	SR4	12/20/2018 19:21	20.79	78.6	5.81	2.6
SR4	12/20/2018 1:26	20.71	78.7	5.82	5.2	SR4	12/20/2018 7:26	20.64	81.6	6.05	3.0	SR4	12/20/2018 13:26	21.08	80.0	5.88	1.9	SR4	12/20/2018 19:26	20.79	77.5	5.73	2.1
SR4	12/20/2018 1:31	20.82	68.7	5.08	1.5	SR4	12/20/2018 7:31	20.64	81.6	6.04	2.8	SR4	12/20/2018 13:31	21.14	76.1	5.61	4.0	SR4	12/20/2018 19:31	20.79	80.0	5.91	3.5
SR4	12/20/2018 1:36	20.89	63.8	4.71	1.8	SR4	12/20/2018 7:36	20.65	81.2	6.02	2.7	SR4	12/20/2018 13:36	21.28	72.2	5.31	2.6	SR4	12/20/2018 19:36	20.78	79.6	5.89	3.4
SR4	12/20/2018 1:41	20.93	65.4	4.82	4.3	SR4	12/20/2018 7:41	20.65	81.6	6.04	2.5	SR4	12/20/2018 13:41	21.49	77.8	5.73	2.6	SR4	12/20/2018 19:41	20.77	80.3	5.94	3.1
SR4	12/20/2018 1:46	20.93	65.3	4.81	4.7	SR4	12/20/2018 7:46	20.65	81.8	6.06	2.9	SR4	12/20/2018 13:46	20.95	76.2	5.62	3.3	SR4	12/20/2018 19:46	20.78	79.6	5.88	2.8
SR4	12/20/2018 1:51	20.80	74.8	5.53	1.3	SR4	12/20/2018 7:51	20.65	82.5	6.11	3.3	SR4	12/20/2018 13:51	21.23	76.9	5.69	4.1	SR4	12/20/2018 19:51	20.78	78.2	5.78	2.2
SR4	12/20/2018 1:56	20.83	76.6	5.66	3.0	SR4	12/20/2018 7:56	20.65	82.2	6.09	3.4	SR4	12/20/2018 13:56	21.39	65.7	4.86	3.4	SR4	12/20/2018 19:56	20.78	77.2	5.71	2.2
SR4	12/20/2018 2:01	20.70	80.5	5.96	2.2	SR4	12/20/2018 8:01	20.65	81.9	6.07	2.9	SR4	12/20/2018 14:01	21.19	70.1	5.17	2.4	SR4	12/20/2018 20:01	20.79	76.0	5.62	1.6
SR4	12/20/2018 2:06	20.78	79.5	5.88	1.9	SR4	12/20/2018 8:06	20.66	82.4	6.10	2.4	SR4	12/20/2018 14:06	21.04	74.7	5.51	5.1	SR4	12/20/2018 20:06	20.79	75.9	5.61	2.7
SR4	12/20/2018 2:11	20.86	68.8	5.08	5.1	SR4	12/20/2018 8:11	20.66	82.2	6.09	2.7	SR4	12/20/2018 14:11	21.05	77.3	5.70	3.8	SR4	12/20/2018 20:11	20.78	78.2	5.78	2.8
SR4	12/20/2018 2:16	20.88	72.0	5.31	2.3	SR4	12/20/2018 8:16	20.66	81.8	6.06	2.3	SR4	12/20/2018 14:16	20.92	79.4	5.86	4.0	SR4	12/20/2018 20:16	20.78	77.6	5.74	2.6
SR4	12/20/2018 2:21	20.84	67.3	4.97	2.6	SR4	12/20/2018 8:21	20.66	82.0	6.08	2.9	SR4	12/20/2018 14:21	21.43	71.5	5.25	2.1	SR4	12/20/2018 20:21	20.78	76.8	5.68	2.3
SR4	12/20/2018 2:26	20.81	72.7	5.37	5.3	SR4	12/20/2018 8:26	20.67	81.6	6.04	2.4	SR4	12/20/2018 14:26	21.32	71.0	5.22	2.2	SR4	12/20/2018 20:26	20.83	74.8	5.52	2.4
SR4	12/20/2018 2:31	20.84	66.0	4.88	4.0	SR4	12/20/2018 8:31	20.68	80.0	5.92	2.0	SR4	12/20/2018 14:31	21.52	67.5	4.96	2.0	SR4	12/20/2018 20:31	20.80	78.5	5.80	1.5
SR4	12/20/2018 2:36	20.81	59.4	4.39	3.9	SR4	12/20/2018 8:36	20.68	79.8	5.91	1.7	SR4	12/20/2018 14:36	21.40	69.6	5.11	2.3	SR4	12/20/2018 20:36	20.79	78.3	5.79	2.3
SR4	12/20/2018 2:41	20.76	67.4	4.98	3.9	SR4	12/20/2018 8:41	20.68	79.5	5.89	1.5	SR4	12/20/2018 14:41	21.37	69.9	5.14	2.3	SR4	12/20/2018 20:41	20.78	79.3	5.86	2.2
SR4	12/20/2018 2:46	20.88	62.9	4.64	1.7	SR4	12/20/2018 8:46	20.69	78.5	5.81	2.0	SR4	12/20/2018 14:46	21.17	74.4	5.48	3.1	SR4	12/20/2018 20:46	20.78	78.0	5.77	1.7
SR4	12/20/2018 2:51	20.84	68.0	5.02	4.4	SR4	12/20/2018 8:51	20.66	79.8	5.91	2.7	SR4	12/20/2018 14:51	21.12	76.6	5.64	2.8	SR4	12/20/2018 20:51	20.79	77.8	5.75	1.5
SR4	12/20/2018 2:56	20.80	70.2	5.19	4.0	SR4	12/20/2018 8:56	20.66	80.4	5.95	2.4	SR4	12/20/2018 14:56	20.96	79.0	5.83	3.1	SR4	12/20/2018 20:56	20.79	78.2	5.78	1.9
SR4	12/20/2018 3:01	20.75	71.5	5.29	3.1	SR4	12/20/2018 9:01	20.70	79.0	5.85	1.6	SR4	12/20/2018 15:01	20.94	79.4	5.86	3.1	SR4	12/20/2018 21:01	20.79	78.1	5.77	3.4
SR4	12/20/2018 3:06	20.68	77.8	5.76	2.2	SR4	12/20/2018 9:06	20.70	78.9	5.84	2.1	SR4	12/20/2018 15:06	20.89	80.2	5.92	3.3	SR4	12/20/2018 21:06	20.78	77.1	5.70	2.5
SR4	12/20/2018 3:11	20.63	82.8	6.14	2.2	SR4	12/20/2018 9:11	20.70	80.2	5.93	4.0	SR4	12/20/2018 15:11	20.81	81.1	5.99	3.9	SR4	12/20/2018 21:11	20.78	76.2	5.63	1.2
SR4	12/20/2018 3:16	20.63	82.9	6.14	3.3	SR4	12/20/2018 9:16	20.68	81.3	6.02	2.8	SR4	12/20/2018 15:16	20.74	81.6	6.04	4.0	SR4	12/20/2018 21:16	20.78	78.3	5.79	2.2
SR4	12/20/2018 3:21	20.62	82.7	6.13	2.0	SR4	12/20/2018 9:21	20.69	80.4	5.95	1.8	SR4	12/20/2018 15:21	20.75	82.1	6.07	3.3	SR4	12/20/2018 21:21	20.81	75.5	5.58	1.3
SR4	12/20/2018 3:26	20.61	84.4	6.26	2.3	SR4	12/20/2018 9:26	20.78	79.3	5.86	1.2	SR4	12/20/2018 15:26	20.80	80.8	5.97	3.1	SR4	12/20/2018 21:26	20.83	73.1	5.40	1.2
SR4	12/20/2018 3:31	20.61	84.8	6.29	3.1	SR4	12/20/2018 9:31	20.77	80.6	5.96	1.2	SR4	12/20/2018 15:31	20.95	79.1	5.84	2.9	SR4	12/20/2018 21:31	20.79	78.0	5.77	2.2
SR4	12/20/2018 3:36	20.61	84.6	6.27	2.2	SR4	12/20/2018 9:36	20.73	81.6	6.04	2.7	SR4	12/20/2018 15:36	20.98	78.8	5.81	2.5	SR4	12/20/2018 21:36	20.78	78.7	5.82	2.3
SR4	12/20/2018 3:41	20.60	85.6	6.34	2.9	SR4	12/20/2018 9:41	20.72	81.8	6.05	2.0	SR4	12/20/2018 15:41	20.86	80.0	5.91	2.7	SR4	12/20/2018 21:41	20.78	80.0	5.92	4.2
SR4	12/20/2018 3:46	20.60	85.5	6.34	2.9	SR4	12/20/2018 9:46	20.70	81.3	6.02	1.9	SR4	12/20/2018 15:46	20.91	79.8	5.89	2.3	SR4	12/20/2018 21:46	20.78	80.4	5.95	1.8
SR4	12/20/2018 3:51	20.60	85.0	6.30	2.3	SR4	12/20/2018 9:51	20.68	82.0	6.07	2.2	SR4	12/20/2018 15:51	20.85	81.0	5.98	1.9	SR4	12/20/2018 21:51	20.78	80.3	5.94	1.8
SR4	12/20/2018 3:56	20.60	85.1	6.31	2.7	SR4	12/20/2018 9:56	20.69	82.4	6.10	2.0	SR4	12/20/2018 15:56	20.79	83.3	6.16	2.9	SR4	12/20/2018 21:56	20.78	78.4	5.80	1.5
SR4	12/20/2018 4:01	20.60	85.0	6.30	3.2	SR4	12/20/2018 10:01	20.69	83.5	6.18	2.7	SR4	12/20/2018 16:01	20.80	83.0	6.13	2.4	SR4	12/20/2018 22:01	20.80	79.4	5.87	1.3
SR4	12/20/2018 4:06	20.60	84.8	6.28	2.4	SR4	12/20/2018 10:06	20.72	82.7	6.12	1.6	SR4	12/20/2018 16:06	20.81	83.3	6.16	2.7	SR4	12/20/2018 22:06	20.78	80.2	5.93	2.5
SR4	12/20/2018 4:11	20.59	85.8	6.36	3.7	SR4	12/20/2018 10:11	20.72	82.4	6.10	1.3	SR4	12/20/2018 16:11	20.83	82.6	6.10	2.4	SR4	12/20/2018 22:11	20.80	78.1	5.77	1.4
SR4	12/20/2018 4:16	20.59	86.5	6.41	3.0	SR4	12/20/2018 10:16	20.84	82.1	6.06	1.1	SR4	12/20/2018 16:16	20.83	81.8	6.04	2.6	SR4	12/20/2018 22:16	20.80	75.5	5.58	1.8
SR4	12/20/2018 4:21	20.60	85.2	6.31	2.5	SR4	12/20/2018 10:21	20.81	81.9	6.05	1.8	SR4	12/20/2018 16:21	20.82	81.8	6.04	2.2	SR4	12/20/2018 22:21	20.80	77.5	5.73	1.6
SR4	12/20/2018 4:26	20.61	83.2	6.16	2.7	SR4	12/20/2018 10:26	20.85	83.4	6.16	1.8	SR4	12/20/2018 16:26	20.81	82.3	6.08	2.1	SR4	12/20/2018 22:26	20.79	79.3	5.86	1.9
SR4	12/20/2018 4:31	20.60	82.8	6.14	2.8	SR4	12/20/2018 10:31	21.03	81.7	6.01	2.8	SR4	12/20/2018 16:31	20.80	83.4	6.17	4.1	SR4	12/20/2018 22:31	20.80	78.6	5.81	1.7
SR4	12/20/2018 4:36	20.60	82.2	6.09	1.9	SR4	12/20/2018 10:36	21.03	79.2	5.83	1.6	SR4	12/20/2018 16:36	20.81	82.6	6.10	2.7	SR4	12/20/2018 22:36	20.80	78.4	5.79	2.0
SR4	12/20/2018 4:41	20.60	84.8	6.29	2.7	SR4	12/20/2018 10:41	21.01	78.0	5.74	1.4	SR4	12/20/2018 16:41	20.82	81.9	6.05	3.9	SR4	12/20/2018 22:41	20.82	75.0	5.55	1.0
SR4	12/20/2018 4:46	20.61	84.3	6.25	3.1	SR4	12/20/2018 10:46	21.06	77.1	5.67	1.5	SR4	12/20/2018 16:46	20.82	81.8	6.05	4.4	SR4	12/20/2018 22:46	20.83	74.1	5.47	5.3
SR4	12/20/2018 4:51	20.60	83.7	6.21	1.7	SR4	12/20/2018 10:51	21.05	80.0	5.89	3.0	SR4	12/20/2018 16:51	20.82	81.4	6.01	3.3	SR4	12/20/2018 22:51	20.83	75.8	5.60	2.3
SR4	12/20/2018 4:56	20.60	84.0	6.23	1.9	SR4	12/20/2018 10:56	21.10	76.3	5.62	1.1	SR4	12/20/2018 16:56	20.82	81.0	5.98	3.2	SR4	12/20/2018 22:56	20.82	76.3	5.64	1.2
SR4	12/20/2018 5:01	20.60	83.3	6.17	2.1	SR4	12/20/2018 11:01	21.06	75.2	5.54	3.4	SR4	12/20/2018 17:01	20.82	80.9	5.98	2.5	SR4	12/20/2018 23:01	20.80	78.1	5.77	1.6
SR4	12/20/2018 5:06	20.60	83.4	6.19	2.0	SR4	12/20/2018 11:06	21.11	75.6	5.56	1.2	SR4	12/20/2018 17:06	20.81	80.8	5.97	2.8	SR4	12/20/2018 23:06	20.81	75.4	5.57	1.0
SR4	12/20/2018 5:11	20.60	84.3	6.25	1.9	SR4	12/20/2018 11:11	21.11	73.5	5.42	1.2	SR4	12/20/2018 17:11	20.81	81.4	6.01	3.2	SR4	12/20/2018 23:11	20.81	75.8	5.60	1.1
SR4	12/20/2018 5:16	20.60	84.0	6.23	2.4	SR4	12/20/2018 11:16	21.16	70.0	5.15	1.1	SR4	12/20/2018 17:16	20.81	81.4	6.02	3.0	SR4	12/20/2018 23:16	20.82	75.7	5.60	2.3
SR4	12/20/2018 5:21	20.60	83.5	6.19	2.0	SR4	12/20/2018 11:21	21.09	72.2	5.32	1.2	SR4	12/20/2018 17:21	20.82	81.6	6.03	2.9	SR4	12/20/2018 23:21	20.82	76.6	5.66	1.5
SR4	12/20/2018 5:26	20.60	82.8	6.14	2.1	SR4	12/20/2018 11:26	21.03	74.8	5.51	2.0	SR4	12/20/2018 17:26	20.82	80.6	5.96	2.3	SR4	12/20/2018 23:26	20.81	76.8	5.68	1.4
SR4	12/20/2018 5:31	20.59	83.3	6.18	2.2	SR4	12/20/2018 11:31	21.00	76.9	5.67	1.3	SR4	12/20/2018 17:31	20.80	80.9	5.98	3.1	SR4	12/20/2018 23:31	20.81	75.9	5.61	1.0
SR4	12/20/2018 5:36	20.60	83.5	6.19	1.6	SR4	12/20/2018 11:36	20.87	80.8	5.97	1.5	SR4	12/20/2018 17:36	20.81	80.3	5.93	3.3	SR4	12/20/2018 23:36	20.85	74.1	5.47	1.4
SR4	12/20/2018 5:41	20.60	83.4	6.18	1.5	SR4	12/20/2018 11:41	20.84	82.9	6.13	1.4	SR4	12/20/2018 17:41	20.82	80.3	5.93	2.5	SR4	12/20/2018 23:41	20.86	71.9	5.31	2.6
SR4	12/20/2018 5:46	20.61	82.5	6.12	1.2	SR4	12/20/2018 11:46	21.17	72.5	5.33	1.0	SR4	12/20/2018 17:46	20.81	80.4	5.94	3.0	SR4	12/20/2018 23:46	20.84	73.5	5.43	4.6
SR4	12/20/2018 5:51	20.62	82.3	6.10	1.4	SR4	12/20/2018 11:51	21.09	76.7	5.65	1.2	SR4	12/20/2018 17:51	20.80	79.9	5.91	3.8	SR4	12/20/2018 23:51	20.88	69.4	5.12	4.5
SR4	12/20/2018 5:56	20.61	82.4	6.11	1.8	SR4	12/20/2018 11:56	20.97	79.0	5.83	1.4	SR4	12/20/2018 17:56	20.80	80.9	5.98	3.0	SR4	12/20/2018 23:56	20.83	73.7	5.44	1.4

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/20/2018 0:00	21.13	87.7	6.34	4.0	SR5	12/20/2018 6:00	21.00	89.0	6.45	4.0	SR5	12/20/2018 12:00	21.13	90.6	6.55	2.5	SR5	12/20/2018 18:00	21.25	90.6	6.55	2.6
SR5	12/20/2018 0:05	21.13	86.8	6.28	2.5	SR5	12/20/2018 6:05	21.00	88.5	6.41	4.0	SR5	12/20/2018 12:05	21.17	90.7	6.56	2.4	SR5	12/20/2018 18:05	21.24	88.2	6.38	3.1
SR5	12/20/2018 0:10	21.13	87.3	6.31	4.6	SR5	12/20/2018 6:10	21.01	88.0	6.38	2.4	SR5	12/20/2018 12:10	21.17	90.2	6.53	1.9	SR5	12/20/2018 18:10	21.28	86.3	6.25	4.4
SR5	12/20/2018 0:15	21.14	89.5	6.47	2.9	SR5	12/20/2018 6:15	21.00	88.4	6.40	2.7	SR5	12/20/2018 12:15	21.18	89.4	6.47	3.2	SR5	12/20/2018 18:15	21.27	88.9	6.42	4.8
SR5	12/20/2018 0:20	21.14	88.3	6.39	3.0	SR5	12/20/2018 6:20	21.01	87.5	6.33	2.9	SR5	12/20/2018 12:20	21.17	88.1	6.38	3.8	SR5	12/20/2018 18:20	21.35	88.6	6.40	2.9
SR5	12/20/2018 0:25	21.14	85.4	6.18	2.0	SR5	12/20/2018 6:25	21.02	88.8	6.43	3.3	SR5	12/20/2018 12:25	21.20	91.4	6.61	4.0	SR5	12/20/2018 18:25	21.32	87.5	6.33	3.7
SR5	12/20/2018 0:30	21.14	87.0	6.30	3.1	SR5	12/20/2018 6:30	21.01	88.5	6.41	3.7	SR5	12/20/2018 12:30	21.20	90.0	6.51	3.5	SR5	12/20/2018 18:30	21.22	86.3	6.25	3.7
SR5	12/20/2018 0:35	21.14	89.0	6.44	2.5	SR5	12/20/2018 6:35	21.01	88.6	6.41	2.2	SR5	12/20/2018 12:35	21.22	90.8	6.56	2.4	SR5	12/20/2018 18:35	21.24	87.6	6.34	1.8
SR5	12/20/2018 0:40	21.13	87.7	6.35	3.0	SR5	12/20/2018 6:40	21.01	86.9	6.29	3.9	SR5	12/20/2018 12:40	21.28	91.2	6.59	2.3	SR5	12/20/2018 18:40	21.23	88.8	6.42	2.9
SR5	12/20/2018 0:45	21.13	88.3	6.39	4.0	SR5	12/20/2018 6:45	21.01	88.7	6.42	4.4	SR5	12/20/2018 12:45	21.25	89.8	6.48	4.3	SR5	12/20/2018 18:45	21.22	89.4	6.46	4.7
SR5	12/20/2018 0:50	21.13	87.8	6.36	2.9	SR5	12/20/2018 6:50	21.01	86.4	6.26	1.6	SR5	12/20/2018 12:50	21.27	91.8	6.64	3.8	SR5	12/20/2018 18:50	21.22	85.6	6.19	3.2
SR5	12/20/2018 0:55	21.13	87.0	6.30	2.9	SR5	12/20/2018 6:55	21.03	87.6	6.34	2.9	SR5	12/20/2018 12:55	21.26	92.0	6.65	2.7	SR5	12/20/2018 18:55	21.22	88.2	6.38	4.0
SR5	12/20/2018 1:00	21.11	86.9	6.29	2.1	SR5	12/20/2018 7:00	21.02	88.9	6.44	2.9	SR5	12/20/2018 13:00	21.32	88.1	6.35	4.7	SR5	12/20/2018 19:00	21.22	86.9	6.28	4.5
SR5	12/20/2018 1:05	21.08	87.1	6.30	2.9	SR5	12/20/2018 7:05	21.03	85.5	6.19	3.3	SR5	12/20/2018 13:05	21.29	88.2	6.36	3.1	SR5	12/20/2018 19:05	21.24	87.2	6.31	3.8
SR5	12/20/2018 1:10	21.07	89.1	6.45	4.5	SR5	12/20/2018 7:10	21.03	86.2	6.24	2.6	SR5	12/20/2018 13:10	21.27	87.3	6.30	3.8	SR5	12/20/2018 19:10	21.23	88.8	6.42	2.9
SR5	12/20/2018 1:15	21.07	88.6	6.41	4.7	SR5	12/20/2018 7:15	21.02	87.6	6.34	3.7	SR5	12/20/2018 13:15	21.28	87.6	6.32	3.3	SR5	12/20/2018 19:15	21.24	88.4	6.39	3.2
SR5	12/20/2018 1:20	21.06	90.1	6.53	2.3	SR5	12/20/2018 7:20	21.03	87.2	6.31	2.0	SR5	12/20/2018 13:20	21.27	87.3	6.31	3.9	SR5	12/20/2018 19:20	21.23	89.3	6.46	3.4
SR5	12/20/2018 1:25	21.06	87.4	6.32	5.0	SR5	12/20/2018 7:25	21.03	85.4	6.19	1.8	SR5	12/20/2018 13:25	21.26	88.7	6.41	3.9	SR5	12/20/2018 19:25	21.25	88.6	6.40	3.6
SR5	12/20/2018 1:30	21.00	86.9	6.29	2.7	SR5	12/20/2018 7:30	21.03	86.2	6.24	4.4	SR5	12/20/2018 13:30	21.21	89.7	6.48	3.8	SR5	12/20/2018 19:30	21.25	87.0	6.29	3.9
SR5	12/20/2018 1:35	21.00	83.5	6.04	3.8	SR5	12/20/2018 7:35	21.03	88.5	6.41	2.7	SR5	12/20/2018 13:35	21.26	88.0	6.35	3.8	SR5	12/20/2018 19:35	21.24	89.4	6.47	2.7
SR5	12/20/2018 1:40	21.00	85.4	6.17	2.5	SR5	12/20/2018 7:40	21.03	87.5	6.34	3.3	SR5	12/20/2018 13:40	21.26	88.7	6.41	4.1	SR5	12/20/2018 19:40	21.24	87.7	6.35	4.3
SR5	12/20/2018 1:45	21.00	83.3	6.02	3.6	SR5	12/20/2018 7:45	21.03	89.3	6.46	3.6	SR5	12/20/2018 13:45	21.29	86.3	6.24	4.0	SR5	12/20/2018 19:45	21.24	89.5	6.47	3.0
SR5	12/20/2018 1:50	21.03	89.4	6.47	3.3	SR5	12/20/2018 7:50	21.03	87.8	6.36	3.2	SR5	12/20/2018 13:50	21.28	87.5	6.33	4.3	SR5	12/20/2018 19:50	21.24	89.8	6.50	3.7
SR5	12/20/2018 1:55	21.04	90.1	6.51	4.5	SR5	12/20/2018 7:55	21.04	86.6	6.27	2.9	SR5	12/20/2018 13:55	21.29	87.5	6.32	3.0	SR5	12/20/2018 19:55	21.24	89.6	6.48	3.7
SR5	12/20/2018 2:00	21.03	96.6	6.85	2.1	SR5	12/20/2018 8:00	21.06	89.2	6.46	2.6	SR5	12/20/2018 14:00	21.29	87.6	6.33	4.8	SR5	12/20/2018 20:00	21.24	88.7	6.41	2.8
SR5	12/20/2018 2:05	21.03	97.2	6.89	3.4	SR5	12/20/2018 8:05	21.07	87.5	6.33	1.6	SR5	12/20/2018 14:05	21.27	87.0	6.29	4.3	SR5	12/20/2018 20:05	21.26	86.6	6.27	2.7
SR5	12/20/2018 2:10	21.03	95.3	6.75	5.1	SR5	12/20/2018 8:10	21.07	89.7	6.49	2.8	SR5	12/20/2018 14:10	21.27	87.6	6.34	2.9	SR5	12/20/2018 20:10	21.26	89.5	6.48	4.3
SR5	12/20/2018 2:15	21.03	88.8	6.42	2.6	SR5						SR5	12/20/2018 14:15	21.27	90.9	6.57	2.6	SR5	12/20/2018 20:15	21.26	87.1	6.30	2.2
SR5	12/20/2018 2:20	21.03	84.7	6.13	3.1	SR5						SR5	12/20/2018 14:20	21.31	85.1	6.14	4.9	SR5	12/20/2018 20:20	21.26	87.8	6.35	3.3
SR5	12/20/2018 2:25	21.02	85.3	6.17	4.6	SR5						SR5	12/20/2018 14:25	21.30	86.4	6.24	3.2	SR5	12/20/2018 20:25	21.27	87.1	6.29	3.6
SR5	12/20/2018 2:30	21.02	87.4	6.32	2.9	SR5	12/20/2018 8:30	21.07	89.7	6.49	2.3	SR5	12/20/2018 14:30	21.35	87.8	6.34	3.8	SR5	12/20/2018 20:30	21.27	88.7	6.41	3.9
SR5	12/20/2018 2:35	21.01	84.7	6.12	2.2	SR5	12/20/2018 8:35	21.07	88.0	6.37	2.2	SR5	12/20/2018 14:35	21.31	84.3	6.09	3.1	SR5	12/20/2018 20:35	21.27	86.5	6.26	3.0
SR5	12/20/2018 2:40	21.03	87.6	6.33	4.5	SR5	12/20/2018 8:40	21.08	87.7	6.35	2.2	SR5	12/20/2018 14:40	21.31	87.9	6.35	3.3	SR5	12/20/2018 20:40	21.27	89.3	6.45	4.0
SR5	12/20/2018 2:45	21.03	84.9	6.14	3.9	SR5	12/20/2018 8:45	21.06	88.7	6.42	2.7	SR5	12/20/2018 14:45	21.35	89.4	6.46	3.6	SR5	12/20/2018 20:45	21.26	89.7	6.49	2.8
SR5	12/20/2018 2:50	21.03	85.3	6.17	3.9	SR5	12/20/2018 8:50	21.08	88.2	6.38	2.4	SR5	12/20/2018 14:50	21.41	86.0	6.21	3.1	SR5	12/20/2018 20:50	21.26	86.7	6.27	2.2
SR5	12/20/2018 2:55	21.02	87.9	6.36	3.0	SR5	12/20/2018 8:55	21.08	86.0	6.23	3.9	SR5	12/20/2018 14:55	21.36	89.9	6.50	3.4	SR5	12/20/2018 20:55	21.25	89.1	6.45	1.8
SR5	12/20/2018 3:00	21.03	86.0	6.23	4.4	SR5	12/20/2018 9:00	21.08	87.6	6.34	3.5	SR5	12/20/2018 15:00	21.40	86.9	6.28	3.8	SR5	12/20/2018 21:00	21.25	86.3	6.24	5.0
SR5	12/20/2018 3:05	21.04	88.4	6.40	4.4	SR5	12/20/2018 9:05	21.08	86.0	6.23	2.5	SR5	12/20/2018 15:05	21.39	87.3	6.31	3.7	SR5	12/20/2018 21:05	21.25	89.7	6.48	2.5
SR5	12/20/2018 3:10	21.02	87.6	6.35	2.8	SR5	12/20/2018 9:10	21.09	86.0	6.22	3.0	SR5	12/20/2018 15:10	21.46	88.6	6.41	5.3	SR5	12/20/2018 21:10	21.23	89.7	6.48	3.5
SR5	12/20/2018 3:15	21.04	90.4	6.54	1.8	SR5	12/20/2018 9:15	21.09	87.1	6.31	3.7	SR5	12/20/2018 15:15	21.45	89.1	6.45	3.4	SR5	12/20/2018 21:15	21.21	86.8	6.28	4.5
SR5	12/20/2018 3:20	21.03	88.2	6.39	2.5	SR5	12/20/2018 9:20	21.10	89.9	6.50	4.3	SR5	12/20/2018 15:20	21.41	88.2	6.38	5.0	SR5	12/20/2018 21:20	21.20	85.7	6.20	2.2
SR5	12/20/2018 3:25	21.04	88.5	6.41	3.5	SR5	12/20/2018 9:25	21.10	85.3	6.18	2.3	SR5	12/20/2018 15:25	21.40	88.8	6.42	2.0	SR5	12/20/2018 21:25	21.21	88.4	6.39	4.0
SR5	12/20/2018 3:30	21.04	91.8	6.65	4.5	SR5	12/20/2018 9:30	21.09	88.2	6.38	1.6	SR5	12/20/2018 15:30	21.42	87.2	6.30	4.4	SR5	12/20/2018 21:30	21.21	88.2	6.38	3.4
SR5	12/20/2018 3:35	21.03	89.0	6.45	4.0	SR5	12/20/2018 9:35	21.09	88.9	6.44	3.0	SR5	12/20/2018 15:35	21.40	90.0	6.50	3.3	SR5	12/20/2018 21:35	21.21	87.8	6.35	4.0
SR5	12/20/2018 3:40	21.04	91.6	6.63	3.0	SR5	12/20/2018 9:40	21.08	87.1	6.31	3.1	SR5	12/20/2018 15:40	21.38	90.8	6.56	3.2	SR5	12/20/2018 21:40	21.21	87.3	6.32	3.0
SR5	12/20/2018 3:45	21.03	90.8	6.58	3.8	SR5	12/20/2018 9:45	21.09	89.7	6.50	1.9	SR5	12/20/2018 15:45	21.35	87.5	6.33	3.0	SR5	12/20/2018 21:45	21.22	90.0	6.51	3.6
SR5	12/20/2018 3:50	21.02	91.3	6.61	2.4	SR5	12/20/2018 9:50	21.12	88.4	6.40	4.0	SR5	12/20/2018 15:50	21.41	86.9	6.28	3.3	SR5	12/20/2018 21:50	21.22	90.2	6.52	3.1
SR5	12/20/2018 3:55	21.02	90.4	6.55	2.6	SR5	12/20/2018 9:55	21.12	88.6	6.41	3.3	SR5	12/20/2018 15:55	21.42	90.0	6.50	2.4	SR5	12/20/2018 21:55	21.23	85.8	6.21	3.1
SR5	12/20/2018 4:00	21.00	88.3	6.39	2.5	SR5	12/20/2018 10:00	21.11	89.2	6.45	2.2	SR5	12/20/2018 16:00	21.40	88.2	6.38	3.1	SR5	12/20/2018 22:00	21.23	86.4	6.25	3.6
SR5	12/20/2018 4:05	20.94	89.1	6.45	2.2	SR5	12/20/2018 10:05	21.18	87.5	6.33	4.2	SR5	12/20/2018 16:05	21.37	90.1	6.51	4.2	SR5	12/20/2018 22:05	21.24	87.8	6.35	4.2
SR5	12/20/2018 4:10	21.00	91.0	6.59	3.5	SR5	12/20/2018 10:10	21.14	89.0	6.44	3.3	SR5	12/20/2018 16:10	21.39	89.6	6.48	4.2	SR5	12/20/2018 22:10	21.24	86.5	6.25	2.0
SR5	12/20/2018 4:15	20.91	87.7	6.35	2.2	SR5	12/20/2018 10:15	21.11	88.6	6.41	1.4	SR5	12/20/2018 16:15	21.38	87.1	6.30	2.4	SR5	12/20/2018 22:15	21.24	85.9	6.21	2.7
SR5	12/20/2018 4:20	20.99	91.7	6.64	6.7	SR5	12/20/2018 10:20	21.11	89.6	6.48	2.3	SR5	12/20/2018 16:20	21.39	89.9	6.50	4.3	SR5	12/20/2018 22:20	21.24	89.4	6.46	1.5
SR5	12/20/2018 4:25	20.95	91.1	6.60	3.9	SR5	12/20/2018 10:25	21.12	90.4	6.54	2.7	SR5	12/20/2018 16:25	21.40	89.1	6.44	2.0	SR5	12/20/2018 22:25	21.24	87.8	6.35	2.4
SR5	12/20/2018 4:30	20.93	87.1	6.31	3.3	SR5	12/20/2018 10:30	21.12	86.8	6.27	3.3	SR5	12/20/2018 16:30	21.38	90.0	6.51	3.8	SR5	12/20/2018 22:30	21.24	88.2	6.38	4.4
SR5	12/20/2018 4:35	20.94	90.6	6.55	4.2	SR5	12/20/2018 10:35	21.11	85.6	6.19	3.9	SR5	12/20/2018 16:35	21.39	87.3	6.31	3.0	SR5	12/20/2018 22:35	21.24	87.6	6.33	2.7
SR5	12/20/2018 4:40	20.95	91.1	6.60	3.5	SR5	12/20/2018 10:40	21.11	86.9	6.28	3.1	SR5	12/20/2018 16:40	21.36	90.3	6.53	3.5	SR5	12/20/2018 22:40	21.24	88.4	6.39	4.1
SR5	12/20/2018 4:45	20.95	87.5	6.34	3.2	SR5	12/20/2018 10:45	21.11	86.1	6.22	1.6	SR5	12/20/2018 16:45	21.35	88.2	6.38	3.7	SR5	12/20/2018 22:45	21.23	89.0	6.43	4.0
SR5	12/20/2018 4:50	20.95	88.4	6.40	4.4	SR5	12/20/2018 10:50	21.13	88.1	6.37	4.4	SR5	12/20/2018 16:50	21.37	88.1	6.37	3.7	SR5	12/20/2018 22:50	21.23	87.2	6.30	3.9
SR5	12/20/2018 4:55	20.95	86.8	6.29	2.8	SR5	12/20/2018 10:55	21.13	88.3	6.38	1.3	SR5	12/20/2018 16:55	21.45	89.6	6.48	3.1	SR5	12/20/2018 22:55	21.21	89.4	6.46	1.9
SR5	12/20/2018 5:00	20.95	89.8	6.50	2.8	SR5	12/20/2018 11:00	21.14	86.1	6.23	3.9	SR5	12/20/2018 17:00	21.43	88.3	6.38	2.0	SR5	12/20/2018 23:00	21.21	88.8	6.42	3.2
SR5	12/20/2018 5:05	20.95	90.5	6.55	1.7	SR5	12/20/2018 11:05	21.12	85.7	6.19	4.0	SR5	12/20/2018 17:05	21.40	89.3	6.46	3.4	SR5	12/20/2018 23:05	21.20	87.7	6.34	3.0
SR5	12/20/2018 5:10	20.95	90.1	6.53	3.2	SR5	12/20/2018 11:10	21.12	86.1	6.22	3.4	SR5	12/20/2018 17:10	21.44	87.8	6.35	2.8	SR5	12/20/2018 23:10	21.20	87.6	6.34	2.2
SR5	12/20/2018 5:15	20.95	86.9	6.30	1.4	SR5	12/20/2018 11:15	21.10	88.0	6.36	3.4	SR5	12/20/2018 17:15	21.53	87.2	6.31	4.3	SR5	12/20/2018 23:15	21.20	88.8	6.42	1.9
SR5	12/20/2018 5:20	20.95	88.1	6.38	4.4	SR5	12/20/2018 11:20	21.11	88.6	6.40	1.8	SR5	12/20/2018 17:20	21.38	87.9	6.36	2.9	SR5	12/20/2018 23:20	21.19	86.0	6.22	2.8
SR5	12/20/2018 5:25	20.94	90.4	6.54	3.0	SR5	12/20/2018 11:25	21.10	85.7	6.20	2.3	SR5	12/20/2018 17:25	21.31	87.1	6.30	3.5	SR5	12/20/2018 23:25	21.19	86.4	6.25	3.8
SR5	12/20/2018 5:30	20.97	87.7	6.35	3.3	SR5	12/20/2018 11:30	21.11	86.1	6.23	2.4	SR5	12/20/2018 17:30	21.32	90.1	6.51	3.2	SR5	12/20/2018 23:30	21.19	85.7	6.20	2.1
SR5	12/20/2018 5:35	20.97	86.9	6.30	2.7	SR5	12/20/2018 11:35	21.12	89.8	6.50	3.8	SR5	12/20/2018 17:35	21.26	87.0	6.29	4.1	SR5	12/20/2018 23:35	21.19	88.3	6.38	1.9
SR5	12/20/2018 5:40	20.96	87.9	6.37	3.9	SR5	12/20/2018 11:40	21.14	88.7	6.42	2.3	SR5	12/20/2018 17:40	21.38	88.1	6.37	3.0	SR5	12/20/2018 23:40	21.19	88.0	6.36	4.7
SR5	12/20/2018 5:45	20.95	89.0	6.45	4.0	SR5	12/20/2018 11:45	21.11	88.7	6.41	4.1	SR5	12/20/2018 17:45	21.38	89.8	6.49	4.9	SR5	12/20/2018 23:45	21.18	89.1	6.44	4.1
SR5	12/20/2018 5:50	20.96	88.6	6.41	2.0	SR5	12/20/2018 11:50	21.12	86.3	6.24	2.9	SR5	12/20/2018 17:50	21.36	87.6	6.34	3.8	SR5	12/20/2018 23:50	21.16	84.2	6.08	5.1
SR5	12/20/2018 5:55	20.96	87.7	6.36	2.7	SR5	12/20/2018 11:55	21.14	87.3	6.31	4.4	SR5	12/20/2018 17:55	21.34	87.2	6.31	1.8	SR5	12/20/2018 23:55	21.16	87.8	6.35	2.1

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/20/2018 0:01	21.46	80.5	5.88	3.5	SR12	12/20/2018 6:01	21.45	79.1	5.77	4.2	SR12	12/20/2018 12:01	21.50	81.8	5.96	1.2	SR12	12/20/2018 18:00	21.56	80.4	5.85	1.8
SR12	12/20/2018 0:06	21.45	81.3	5.93	5.3	SR12	12/20/2018 6:06	21.45	79.0	5.77	5.3	SR12	12/20/2018 12:06	21.51	81.1	5.91	1.4	SR12	12/20/2018 18:06	21.58	79.9	5.82	2.1
SR12	12/20/2018 0:11	21.45	81.0	5.91	4.6	SR12	12/20/2018 6:11	21.45	77.7	5.68	2.6	SR12	12/20/2018 12:11	21.48	81.2	5.92	1.5	SR12	12/20/2018 18:11	21.57	79.6	5.80	4.0
SR12	12/20/2018 0:16	21.44	81.9	5.98	4.5	SR12	12/20/2018 6:16	21.46	78.1	5.70	1.4	SR12	12/20/2018 12:16	21.48	81.5	5.95	2.1	SR12	12/20/2018 18:16	21.57	79.3	5.77	4.0
SR12	12/20/2018 0:21	21.44	82.1	5.99	2.3	SR12	12/20/2018 6:21	21.45	78.5	5.73	4.2	SR12	12/20/2018 12:21	21.50	81.2	5.92	2.8	SR12	12/20/2018 18:21	21.56	78.8	5.74	1.7
SR12	12/20/2018 0:26	21.44	82.3	6.01	1.9	SR12	12/20/2018 6:26	21.48	79.1	5.77	2.8	SR12	12/20/2018 12:26	21.49	81.9	5.97	5.4	SR12	12/20/2018 18:26	21.55	79.4	5.78	4.6
SR12	12/20/2018 0:31	21.44	82.6	6.03	3.6	SR12	12/20/2018 6:31	21.47	78.4	5.72	3.2	SR12	12/20/2018 12:31	21.49	82.9	6.05	5.3	SR12	12/20/2018 18:31	21.54	79.6	5.80	2.7
SR12	12/20/2018 0:36	21.46	82.1	5.99	5.3	SR12	12/20/2018 6:36	21.47	77.8	5.68	4.0	SR12	12/20/2018 12:36	21.48	82.5	6.02	3.7	SR12	12/20/2018 18:36	21.55	79.0	5.75	1.9
SR12	12/20/2018 0:41	21.45	81.7	5.96	5.0	SR12	12/20/2018 6:41	21.46	78.0	5.70	5.2	SR12	12/20/2018 12:41	21.46	82.4	6.01	4.9	SR12	12/20/2018 18:41	21.56	79.0	5.75	4.2
SR12	12/20/2018 0:46	21.43	83.4	6.09	1.3	SR12	12/20/2018 6:46	21.49	78.3	5.71	4.1	SR12	12/20/2018 12:46	21.48	82.1	5.98	4.2	SR12	12/20/2018 18:46	21.56	78.8	5.74	4.3
SR12	12/20/2018 0:51	21.42	83.3	6.08	5.1	SR12	12/20/2018 6:51	21.47	78.9	5.76	1.1	SR12	12/20/2018 12:51	21.48	83.4	6.08	5.4	SR12	12/20/2018 18:51	21.57	78.6	5.72	1.5
SR12	12/20/2018 0:56	21.42	83.5	6.10	2.5	SR12	12/20/2018 6:56	21.48	78.7	5.74	5.2	SR12	12/20/2018 12:56	21.48	83.0	6.05	1.3	SR12	12/20/2018 18:56	21.58	78.7	5.73	4.4
SR12	12/20/2018 1:01	21.41	83.8	6.12	2.8	SR12	12/20/2018 7:01	21.48	77.8	5.68	2.8	SR12	12/20/2018 13:01	21.49	83.0	6.05	3.5	SR12	12/20/2018 19:01	21.60	78.6	5.72	5.4
SR12	12/20/2018 1:06	21.42	83.2	6.07	4.0	SR12	12/20/2018 7:06	21.46	76.7	5.60	1.9	SR12	12/20/2018 13:06	21.48	83.5	6.09	3.5	SR12	12/20/2018 19:06	21.59	78.3	5.70	1.3
SR12	12/20/2018 1:11	21.41	84.0	6.13	4.9	SR12	12/20/2018 7:11	21.46	76.3	5.57	3.7	SR12	12/20/2018 13:11	21.48	83.8	6.11	3.6	SR12	12/20/2018 19:11	21.57	78.3	5.71	2.6
SR12	12/20/2018 1:16	21.40	85.0	6.21	4.9	SR12	12/20/2018 7:16	21.45	77.0	5.62	3.7	SR12	12/20/2018 13:16	21.48	84.1	6.13	3.4	SR12	12/20/2018 19:16	21.56	78.9	5.75	1.4
SR12	12/20/2018 1:21	21.41	84.3	6.16	2.7	SR12	12/20/2018 7:21	21.46	76.9	5.61	3.6	SR12	12/20/2018 13:21	21.48	84.2	6.14	1.9	SR12	12/20/2018 19:21	21.57	78.2	5.69	3.5
SR12	12/20/2018 1:26	21.40	84.6	6.18	2.7	SR12	12/20/2018 7:26	21.45	77.5	5.66	1.3	SR12	12/20/2018 13:26	21.50	83.9	6.12	1.8	SR12	12/20/2018 19:26	21.57	78.6	5.73	3.3
SR12	12/20/2018 1:31	21.40	84.8	6.19	2.1	SR12	12/20/2018 7:31	21.46	77.7	5.67	3.1	SR12	12/20/2018 13:31	21.49	83.7	6.10	1.4	SR12	12/20/2018 19:31	21.56	78.9	5.75	5.2
SR12	12/20/2018 1:36	21.43	84.4	6.16	5.4	SR12	12/20/2018 7:36	21.45	78.8	5.76	4.6	SR12	12/20/2018 13:36	21.52	83.5	6.09	5.0	SR12	12/20/2018 19:36	21.57	79.0	5.76	3.0
SR12	12/20/2018 1:41	21.41	85.3	6.23	1.7	SR12	12/20/2018 7:41	21.45	77.1	5.63	2.7	SR12	12/20/2018 13:41	21.55	83.7	6.10	5.1	SR12	12/20/2018 19:41	21.58	78.5	5.72	4.1
SR12	12/20/2018 1:46	21.39	85.4	6.24	3.7	SR12	12/20/2018 7:46	21.45	77.9	5.69	3.4	SR12	12/20/2018 13:46	21.57	83.7	6.09	3.2	SR12	12/20/2018 19:46	21.58	78.9	5.75	5.3
SR12	12/20/2018 1:51	21.39	85.7	6.26	3.2	SR12	12/20/2018 7:51	21.44	78.0	5.69	5.1	SR12	12/20/2018 13:51	21.55	84.6	6.16	1.7	SR12	12/20/2018 19:51	21.56	79.2	5.77	3.2
SR12	12/20/2018 1:56	21.39	84.9	6.20	2.8	SR12	12/20/2018 7:56	21.46	77.5	5.66	4.0	SR12	12/20/2018 13:56	21.55	84.0	6.12	2.7	SR12	12/20/2018 19:56	21.55	81.0	5.90	3.7
SR12	12/20/2018 2:01	21.39	84.5	6.18	4.3	SR12	12/20/2018 8:01	21.46	77.7	5.67	2.3	SR12	12/20/2018 14:01	21.57	84.2	6.13	5.0	SR12	12/20/2018 20:01	21.54	81.3	5.92	2.1
SR12	12/20/2018 2:06	21.38	85.8	6.27	4.4	SR12	12/20/2018 8:06	21.46	77.8	5.68	1.8	SR12	12/20/2018 14:06	21.54	83.1	6.05	4.0	SR12	12/20/2018 20:06	21.54	81.4	5.94	4.4
SR12	12/20/2018 2:11	21.39	85.0	6.21	4.6	SR12	12/20/2018 8:11	21.47	78.5	5.73	2.1	SR12	12/20/2018 14:11	21.52	83.8	6.11	1.6	SR12	12/20/2018 20:11	21.55	81.0	5.91	3.1
SR12	12/20/2018 2:16	21.39	84.9	6.20	4.6	SR12	12/20/2018 8:16	21.46	78.6	5.74	3.5	SR12	12/20/2018 14:16	21.53	82.8	6.03	3.4	SR12	12/20/2018 20:16	21.54	81.1	5.91	2.7
SR12	12/20/2018 2:21	21.38	85.0	6.21	2.8	SR12	12/20/2018 8:21	21.46	78.5	5.73	5.1	SR12	12/20/2018 14:21	21.52	83.0	6.05	5.5	SR12	12/20/2018 20:21	21.54	80.4	5.86	5.2
SR12	12/20/2018 2:26	21.42	84.2	6.15	4.3	SR12	12/20/2018 8:26	21.45	78.7	5.75	3.9	SR12	12/20/2018 14:26	21.53	83.3	6.07	5.2	SR12	12/20/2018 20:26	21.53	80.9	5.90	1.3
SR12	12/20/2018 2:31	21.39	85.1	6.21	3.4	SR12	12/20/2018 8:31	21.44	78.9	5.76	4.8	SR12	12/20/2018 14:31	21.50	83.2	6.07	4.6	SR12	12/20/2018 20:31	21.54	80.2	5.84	5.1
SR12	12/20/2018 2:36	21.43	84.5	6.17	2.2	SR12	12/20/2018 8:36	21.46	78.7	5.74	4.1	SR12	12/20/2018 14:36	21.51	83.0	6.05	2.3	SR12	12/20/2018 20:36	21.54	80.1	5.84	1.8
SR12	12/20/2018 2:41	21.38	85.5	6.24	2.4	SR12	12/20/2018 8:41	21.46	78.7	5.74	3.1	SR12	12/20/2018 14:41	21.57	82.8	6.03	3.1	SR12	12/20/2018 20:41	21.54	80.2	5.84	2.1
SR12	12/20/2018 2:46	21.38	85.3	6.23	5.1	SR12	12/20/2018 8:46	21.45	78.7	5.74	4.2	SR12	12/20/2018 14:46	21.60	82.3	5.99	1.7	SR12	12/20/2018 20:46	21.54	80.1	5.84	1.5
SR12	12/20/2018 2:51	21.37	84.4	6.17	2.0	SR12	12/20/2018 8:51	21.48	78.6	5.73	1.6	SR12	12/20/2018 14:51	21.58	82.5	6.01	5.1	SR12	12/20/2018 20:51	21.53	80.8	5.89	2.7
SR12	12/20/2018 2:56	21.38	84.6	6.18	4.6	SR12	12/20/2018 8:56	21.46	78.2	5.70	2.7	SR12	12/20/2018 14:56	21.60	81.8	5.96	1.2	SR12	12/20/2018 20:56	21.54	80.6	5.87	2.5
SR12	12/20/2018 3:01	21.37	84.9	6.20	3.5	SR12	12/20/2018 9:01	21.46	78.8	5.75	2.4	SR12	12/20/2018 15:01	21.61	82.1	5.97	1.2	SR12	12/20/2018 21:01	21.53	80.5	5.87	5.1
SR12	12/20/2018 3:06	21.37	84.1	6.14	5.1	SR12	12/20/2018 9:06	21.47	78.6	5.73	3.0	SR12	12/20/2018 15:06	21.62	81.8	5.95	1.9	SR12	12/20/2018 21:06	21.53	80.4	5.86	1.7
SR12	12/20/2018 3:11	21.38	83.7	6.11	5.2	SR12	12/20/2018 9:11	21.46	79.3	5.79	3.1	SR12	12/20/2018 15:11	21.60	81.9	5.96	5.2	SR12	12/20/2018 21:11	21.53	80.5	5.87	2.1
SR12	12/20/2018 3:16	21.38	84.0	6.14	1.5	SR12	12/20/2018 9:16	21.49	78.9	5.76	4.3	SR12	12/20/2018 15:16	21.62	81.6	5.94	2.3	SR12	12/20/2018 21:16	21.54	80.7	5.88	3.8
SR12	12/20/2018 3:21	21.39	84.2	6.15	4.1	SR12	12/20/2018 9:21	21.47	79.4	5.79	5.0	SR12	12/20/2018 15:21	21.61	81.3	5.92	4.6	SR12	12/20/2018 21:21	21.55	80.9	5.89	1.1
SR12	12/20/2018 3:26	21.38	84.5	6.17	1.5	SR12	12/20/2018 9:26	21.46	79.1	5.78	2.2	SR12	12/20/2018 15:26	21.58	81.1	5.91	2.3	SR12	12/20/2018 21:26	21.58	80.3	5.85	4.8
SR12	12/20/2018 3:31	21.38	83.5	6.10	3.1	SR12	12/20/2018 9:31	21.47	79.5	5.80	3.1	SR12	12/20/2018 15:31	21.60	81.2	5.91	3.6	SR12	12/20/2018 21:31	21.57	80.0	5.83	4.4
SR12	12/20/2018 3:36	21.38	84.9	6.20	5.2	SR12	12/20/2018 9:36	21.48	79.6	5.81	3.4	SR12	12/20/2018 15:36	21.59	81.2	5.91	4.6	SR12	12/20/2018 21:36	21.56	80.3	5.85	2.4
SR12	12/20/2018 3:41	21.37	84.7	6.18	1.8	SR12	12/20/2018 9:41	21.48	79.8	5.82	2.8	SR12	12/20/2018 15:41	21.59	81.2	5.91	2.1	SR12	12/20/2018 21:41	21.55	80.3	5.85	1.2
SR12	12/20/2018 3:46	21.38	84.5	6.17	5.2	SR12	12/20/2018 9:46	21.47	79.3	5.79	3.5	SR12	12/20/2018 15:46	21.60	81.0	5.90	4.3	SR12	12/20/2018 21:46	21.55	80.0	5.83	4.6
SR12	12/20/2018 3:51	21.40	83.3	6.08	5.4	SR12	12/20/2018 9:51	21.46	79.2	5.78	5.1	SR12	12/20/2018 15:51	21.61	80.7	5.87	4.7	SR12	12/20/2018 21:51	21.55	79.8	5.82	5.1
SR12	12/20/2018 3:56	21.40	83.1	6.07	4.8	SR12	12/20/2018 9:56	21.47	79.3	5.79	3.1	SR12	12/20/2018 15:56	21.61	80.6	5.86	3.9	SR12	12/20/2018 21:56	21.58	79.7	5.80	3.7
SR12	12/20/2018 4:01	21.43	82.0	5.98	2.0	SR12	12/20/2018 10:01	21.47	79.8	5.82	3.2	SR12	12/20/2018 16:01	21.62	80.7	5.87	2.1	SR12	12/20/2018 22:01	21.58	80.5	5.86	5.0
SR12	12/20/2018 4:06	21.43	82.5	6.02	3.0	SR12	12/20/2018 10:06	21.48	79.2	5.78	3.4	SR12	12/20/2018 16:06	21.62	80.8	5.88	2.2	SR12	12/20/2018 22:06	21.57	80.5	5.86	5.1
SR12	12/20/2018 4:11	21.43	81.9	5.98	4.8	SR12	12/20/2018 10:11	21.46	79.5	5.80	1.7	SR12	12/20/2018 16:11	21.62	80.9	5.89	5.4	SR12	12/20/2018 22:11	21.56	80.8	5.89	4.2
SR12	12/20/2018 4:16	21.43	81.6	5.95	2.5	SR12	12/20/2018 10:16	21.48	79.4	5.79	2.1	SR12	12/20/2018 16:16	21.62	81.0	5.90	1.6	SR12	12/20/2018 22:16	21.59	80.4	5.85	3.9
SR12	12/20/2018 4:21	21.42	82.4	6.02	4.9	SR12	12/20/2018 10:21	21.47	79.6	5.81	3.7	SR12	12/20/2018 16:21	21.61	80.4	5.86	4.9	SR12	12/20/2018 22:21	21.58	80.2	5.84	1.6
SR12	12/20/2018 4:26	21.42	82.0	5.99	4.7	SR12	12/20/2018 10:26	21.46	79.5	5.80	1.9	SR12	12/20/2018 16:26	21.61	80.8	5.88	1.6	SR12	12/20/2018 22:26	21.57	80.1	5.84	3.3
SR12	12/20/2018 4:31	21.41	82.3	6.01	2.1	SR12	12/20/2018 10:31	21.48	79.3	5.79	1.8	SR12	12/20/2018 16:31	21.59	81.1	5.91	1.8	SR12	12/20/2018 22:31	21.56	80.3	5.85	4.7
SR12	12/20/2018 4:36	21.45	81.3	5.93	2.0	SR12	12/20/2018 10:36	21.44	80.0	5.84	2.0	SR12	12/20/2018 16:36	21.59	80.7	5.88	3.4	SR12	12/20/2018 22:36	21.55	80.6	5.87	5.5
SR12	12/20/2018 4:41	21.44	81.1	5.92	4.3	SR12	12/20/2018 10:41	21.44	80.2	5.86	1.3	SR12	12/20/2018 16:41	21.60	80.5	5.86	4.3	SR12	12/20/2018 22:41	21.55	80.5	5.87	5.4
SR12	12/20/2018 4:46	21.44	80.8	5.90	3.0	SR12	12/20/2018 10:46	21.43	79.7	5.82	1.9	SR12	12/20/2018 16:46	21.59	80.3	5.85	3.7	SR12	12/20/2018 22:46	21.55	81.2	5.92	1.4
SR12	12/20/2018 4:51	21.45	79.5	5.80	3.0	SR12	12/20/2018 10:51	21.43	80.5	5.87	5.0	SR12	12/20/2018 16:51	21.57	80.4	5.86	2.7	SR12	12/20/2018 22:51	21.54	81.8	5.96	2.7
SR12	12/20/2018 4:56	21.45	79.3	5.79	5.0	SR12	12/20/2018 10:56	21.44	80.6	5.89	1.5	SR12	12/20/2018 16:56	21.58	80.1	5.83	1.4	SR12	12/20/2018 22:56	21.55	80.9	5.89	3.3
SR12	12/20/2018 5:01	21.45	79.2	5.78	1.8	SR12	12/20/2018 11:01	21.46	80.4	5.87	2.2	SR12	12/20/2018 17:01	21.59	80.3	5.84	2.1	SR12	12/20/2018 23:01	21.55	81.1	5.91	2.6
SR12	12/20/2018 5:06	21.45	79.9	5.83	1.5	SR12	12/20/2018 11:06	21.43	80.7	5.89	3.2	SR12	12/20/2018 17:06	21.58	80.4	5.86	3.2	SR12	12/20/2018 23:06	21.54	81.3	5.92	2.4
SR12	12/20/2018 5:11	21.45	79.3	5.79	5.3	SR12	12/20/2018 11:11	21.45	80.2	5.85	1.6	SR12	12/20/2018 17:11	21.56	80.6	5.87	3.2	SR12	12/20/2018 23:11	21.54	81.3	5.93	1.7
SR12	12/20/2018 5:16	21.46	79.6	5.81	1.8	SR12	12/20/2018 11:16	21.46	79.8	5.82	1.7	SR12	12/20/2018 17:16	21.56	80.7	5.88	4.6	SR12	12/20/2018 23:16	21.55	80.6	5.87	1.7
SR12	12/20/2018 5:21	21.46	79.0	5.76	5.0	SR12	12/20/2018 11:21	21.45	80.1	5.85	3.1	SR12	12/20/2018 17:21	21.56	79.9	5.82	1.5	SR12	12/20/2018 23:21	21.57	80.8	5.88	4.7
SR12	12/20/2018 5:26	21.48	79.2	5.78	1.5	SR12	12/20/2018 11:26	21.45	80.9	5.91	2.0	SR12	12/20/2018 17:26	21.57	80.3	5.85	3.1	SR12	12/20/2018 23:26	21.59	80.5	5.86	2.2
SR12	12/20/2018 5:31	21.48	78.5	5.73	4.1	SR12	12/20/2018 11:31	21.45	80.9	5.91	1.2	SR12	12/20/2018 17:31	21.56	80.6	5.87	3.9	SR12	12/20/2018 23:31	21.56	81.4	5.93	3.1
SR12	12/20/2018 5:36	21.46	79.5	5.81	3.0	SR12	12/20/2018 11:36	21.45	81.5	5.95	3.4	SR12	12/20/2018 17:36	21.56	80.6	5.87	2.2	SR12	12/20/2018 23:36	21.56	80.4	5.86	2.0
SR12	12/20/2018 5:41	21.46	78.9	5.76	3.5	SR12	12/20/2018 11:41	21.46	81.4	5.94	5.1	SR12	12/20/2018 17:41	21.56	80.5	5.87	3.4	SR12	12/20/2018 23:41	21.55	80.8	5.89	4.9
SR12	12/20/2018 5:46	21.45	79.0	5.77	3.9	SR12	12/20/2018 11:46	21.47	81.7	5.96	4.0	SR12	12/20/2018 17:46	21.58	80.5	5.86	5.3	SR12	12/20/2018 23:46	21.55	80.9	5.90	2.0
SR12	12/20/2018 5:51	21.46	78.6	5.74	4.1	SR12	12/20/2018 11:51	21.49	82.1	5.98	5.3	SR12	12/20/2018 17:51	21.57	80.8	5.89	4.6	SR12	12/20/2018 23:51	21.57	82.3	6.00	5.2
SR12	12/20/2018 5:56	21.45	79.4	5.80	1.8	SR12	12/20/2018 11:56	21.50	81.8	5.96	4.4	SR12	12/20/2018 17:56	21.56	80.1	5.84	1.4	SR12	12/20/2018 23:56	21.56	82.1	5.98	2.6

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/20/2018 0:00	21.10	84.4	6.09	4.9	SR13	12/20/2018 6:00	20.98	82.7	5.96	3.5	SR13	12/20/2018 12:00	21.03	83.8	6.03	3.6	SR13	12/20/2018 18:00	21.19	85.4	6.15	4.2
SR13	12/20/2018 0:05	21.10	83.1	5.99	6.3	SR13	12/20/2018 6:05	21.05	85.2	6.14	6.9	SR13	12/20/2018 12:05	21.02	85.3	6.15	4.0	SR13	12/20/2018 18:05	21.16	83.0	5.98	3.5
SR13	12/20/2018 0:10	21.09	85.6	6.17	4.9	SR13	12/20/2018 6:10	21.05	85.7	6.17	4.6	SR13	12/20/2018 12:10	21.03	84.4	6.09	3.7	SR13	12/20/2018 18:10	21.25	83.7	6.03	6.3
SR13	12/20/2018 0:15	21.03	85.3	6.15	6.5	SR13	12/20/2018 6:15	21.03	85.7	6.17	3.8	SR13	12/20/2018 12:15	21.06	83.8	6.04	3.0	SR13	12/20/2018 18:15	21.25	84.2	6.06	5.0
SR13	12/20/2018 0:20	21.09	83.8	6.04	3.9	SR13	12/20/2018 6:20	20.99	84.0	6.06	3.4	SR13	12/20/2018 12:20	21.09	86.6	6.24	3.8	SR13	12/20/2018 18:20	21.21	82.1	5.91	7.3
SR13	12/20/2018 0:25	21.07	83.8	6.04	4.1	SR13	12/20/2018 6:25	20.99	84.3	6.08	4.8	SR13	12/20/2018 12:25	21.03	85.1	6.13	6.6	SR13	12/20/2018 18:25	21.28	82.6	5.95	6.1
SR13	12/20/2018 0:30	21.04	86.3	6.22	4.3	SR13	12/20/2018 6:30	20.99	83.3	6.01	5.5	SR13	12/20/2018 12:30	21.06	83.9	6.04	4.9	SR13	12/20/2018 18:30	21.24	83.6	6.02	7.6
SR13	12/20/2018 0:35	21.07	84.1	6.06	6.4	SR13	12/20/2018 6:35	21.00	84.8	6.11	5.8	SR13	12/20/2018 12:35	21.10	86.1	6.20	5.6	SR13	12/20/2018 18:35	21.21	83.9	6.05	5.6
SR13	12/20/2018 0:40	21.08	84.2	6.07	3.8	SR13	12/20/2018 6:40	21.01	85.0	6.13	4.7	SR13	12/20/2018 12:40	21.07	86.0	6.19	5.8	SR13	12/20/2018 18:40	21.21	81.4	5.87	4.1
SR13	12/20/2018 0:45	21.08	84.4	6.08	4.0	SR13	12/20/2018 6:45	21.04	85.4	6.15	4.2	SR13	12/20/2018 12:45	21.06	86.0	6.20	2.9	SR13	12/20/2018 18:45	21.23	83.5	6.01	4.4
SR13	12/20/2018 0:50	21.08	83.0	5.98	5.7	SR13	12/20/2018 6:50	21.01	84.8	6.11	7.1	SR13	12/20/2018 12:50	21.06	84.7	6.10	3.1	SR13	12/20/2018 18:50	21.25	84.6	6.09	5.3
SR13	12/20/2018 0:55	21.06	85.9	6.19	4.7	SR13	12/20/2018 6:55	21.03	84.4	6.08	4.5	SR13	12/20/2018 12:55	21.10	86.4	6.23	4.9	SR13	12/20/2018 18:55	21.18	83.2	5.99	4.9
SR13	12/20/2018 1:00	21.09	85.9	6.19	4.3	SR13	12/20/2018 7:00	21.05	84.2	6.06	5.5	SR13	12/20/2018 13:00	21.06	86.2	6.21	5.0	SR13	12/20/2018 19:00	21.19	82.3	5.92	6.3
SR13	12/20/2018 1:05	21.06	84.4	6.08	3.6	SR13	12/20/2018 7:05	21.01	84.9	6.11	5.1	SR13	12/20/2018 13:05	21.07	83.4	6.01	6.4	SR13	12/20/2018 19:05	21.22	83.9	6.04	4.3
SR13	12/20/2018 1:10	21.06	85.0	6.13	3.3	SR13	12/20/2018 7:10	21.00	83.8	6.04	5.6	SR13	12/20/2018 13:10	21.07	84.3	6.07	4.8	SR13	12/20/2018 19:10	21.25	83.1	5.98	5.0
SR13	12/20/2018 1:15	21.05	84.3	6.08	5.2	SR13	12/20/2018 7:15	21.06	85.3	6.15	3.8	SR13	12/20/2018 13:15	21.09	86.1	6.20	6.7	SR13	12/20/2018 19:15	21.24	81.8	5.89	5.2
SR13	12/20/2018 1:20	21.10	86.4	6.23	5.0	SR13	12/20/2018 7:20	21.05	83.6	6.02	6.3	SR13	12/20/2018 13:20	21.05	85.9	6.18	4.5	SR13	12/20/2018 19:20	21.16	82.2	5.92	6.1
SR13	12/20/2018 1:25	21.03	85.7	6.18	6.2	SR13	12/20/2018 7:25	21.01	84.7	6.11	4.8	SR13	12/20/2018 13:25	21.11	87.5	6.30	4.6	SR13	12/20/2018 19:25	21.15	82.5	5.94	7.5
SR13	12/20/2018 1:30	21.07	85.3	6.15	4.3	SR13	12/20/2018 7:30	21.05	84.3	6.08	6.7	SR13	12/20/2018 13:30	21.07	86.7	6.24	4.4	SR13	12/20/2018 19:30	21.19	82.5	5.94	7.5
SR13	12/20/2018 1:35	21.05	86.8	6.25	4.0	SR13	12/20/2018 7:35	21.01	84.4	6.08	3.4	SR13	12/20/2018 13:35	21.13	85.2	6.14	5.8	SR13	12/20/2018 19:35	21.20	82.8	5.96	6.0
SR13	12/20/2018 1:40	21.07	84.5	6.09	5.9	SR13	12/20/2018 7:40	21.02	85.2	6.13	4.2	SR13	12/20/2018 13:40	21.11	87.5	6.30	3.5	SR13	12/20/2018 19:40	21.15	84.3	6.07	6.8
SR13	12/20/2018 1:45	21.06	84.8	6.11	3.3	SR13	12/20/2018 7:45	21.06	85.1	6.13	4.0	SR13	12/20/2018 13:45	21.09	85.7	6.16	4.7	SR13	12/20/2018 19:45	21.25	83.7	6.02	8.0
SR13	12/20/2018 1:50	21.02	84.1	6.06	5.1	SR13	12/20/2018 7:50	21.00	83.8	6.04	5.4	SR13	12/20/2018 13:50	21.09	83.9	6.04	4.5	SR13	12/20/2018 19:50	21.17	83.1	5.99	4.7
SR13	12/20/2018 1:55	21.00	86.0	6.19	5.6	SR13	12/20/2018 7:55	21.07	83.2	6.00	5.1	SR13	12/20/2018 13:55	21.08	84.5	6.09	4.9	SR13	12/20/2018 19:55	21.23	81.6	5.88	5.7
SR13	12/20/2018 2:00	21.06	85.4	6.15	6.7	SR13	12/20/2018 8:00	21.03	83.4	6.01	5.4	SR13	12/20/2018 14:00	21.09	84.8	6.10	4.3	SR13	12/20/2018 20:00	21.22	82.1	5.91	5.6
SR13	12/20/2018 2:05	21.07	87.0	6.28	5.8	SR13	12/20/2018 8:05	21.04	83.4	6.00	3.5	SR13	12/20/2018 14:05	21.08	84.9	6.12	3.5	SR13	12/20/2018 20:05	21.16	81.6	5.88	5.1
SR13	12/20/2018 2:10	21.03	84.6	6.10	3.9	SR13	12/20/2018 8:10	21.05	84.7	6.11	3.6	SR13	12/20/2018 14:10	21.09	86.6	6.24	6.3	SR13	12/20/2018 20:10	21.21	84.5	6.08	6.2
SR13	12/20/2018 2:15	21.00	87.0	6.27	3.8	SR13	12/20/2018 8:15	21.01	84.4	6.08	3.7	SR13	12/20/2018 14:15	21.08	87.4	6.29	3.9	SR13	12/20/2018 20:15	21.16	82.8	5.96	5.5
SR13	12/20/2018 2:20	21.06	85.3	6.14	5.4	SR13	12/20/2018 8:20	21.00	84.8	6.11	4.5	SR13	12/20/2018 14:20	21.11	84.9	6.11	5.4	SR13	12/20/2018 20:20	21.20	83.1	5.99	4.3
SR13	12/20/2018 2:25	21.04	84.7	6.10	2.9	SR13	12/20/2018 8:25	21.03	83.2	6.00	3.8	SR13	12/20/2018 14:25	21.10	84.1	6.06	4.3	SR13	12/20/2018 20:25	21.24	84.1	6.06	7.5
SR13	12/20/2018 2:30	21.01	84.2	6.06	5.7	SR13	12/20/2018 8:30	21.07	84.9	6.12	5.8	SR13	12/20/2018 14:30	21.16	84.8	6.11	4.9	SR13	12/20/2018 20:30	21.17	83.0	5.98	7.1
SR13	12/20/2018 2:35	21.05	85.8	6.19	4.2	SR13	12/20/2018 8:35	21.00	83.5	6.02	6.8	SR13	12/20/2018 14:35	21.15	84.4	6.08	6.1	SR13	12/20/2018 20:35	21.18	84.8	6.11	6.8
SR13	12/20/2018 2:40	21.02	85.0	6.13	4.6	SR13	12/20/2018 8:40	21.00	83.0	5.98	6.6	SR13	12/20/2018 14:40	21.15	85.5	6.15	4.1	SR13	12/20/2018 20:40	21.22	83.8	6.04	4.8
SR13	12/20/2018 2:45	21.00	87.5	6.28	4.3	SR13	12/20/2018 8:45	21.06	83.2	6.00	4.3	SR13	12/20/2018 14:45	21.11	85.5	6.15	7.1	SR13	12/20/2018 20:45	21.14	83.9	6.04	4.8
SR13	12/20/2018 2:50	21.05	87.3	6.26	5.3	SR13	12/20/2018 8:50	21.02	83.7	6.03	5.4	SR13	12/20/2018 14:50	21.11	85.3	6.14	6.9	SR13	12/20/2018 20:50	21.17	83.3	6.01	6.6
SR13	12/20/2018 2:55	21.02	87.1	6.24	6.9	SR13	12/20/2018 8:55	21.02	86.1	6.20	3.6	SR13	12/20/2018 14:55	21.15	84.4	6.08	5.7	SR13	12/20/2018 20:55	21.22	82.8	5.97	6.6
SR13	12/20/2018 3:00	21.00	86.8	6.25	5.8	SR13	12/20/2018 9:00	21.02	86.1	6.20	3.6	SR13	12/20/2018 15:00	21.14	86.0	6.19	4.4	SR13	12/20/2018 21:00	21.25	84.5	6.09	6.3
SR13	12/20/2018 3:05	20.98	84.7	6.10	5.0	SR13	12/20/2018 9:05	21.03	83.6	6.02	6.9	SR13	12/20/2018 15:05	21.10	84.6	6.09	6.3	SR13	12/20/2018 21:05	21.16	82.0	5.91	5.9
SR13	12/20/2018 3:10	21.04	84.1	6.06	5.5	SR13	12/20/2018 9:10	21.06	82.7	5.96	4.5	SR13	12/20/2018 15:10	21.16	84.9	6.11	5.5	SR13	12/20/2018 21:10	21.17	82.6	5.95	6.5
SR13	12/20/2018 3:15	21.02	85.6	6.17	3.7	SR13	12/20/2018 9:15	21.01	84.1	6.06	6.2	SR13	12/20/2018 15:15	21.09	84.5	6.09	5.6	SR13	12/20/2018 21:15	21.17	83.2	5.99	7.9
SR13	12/20/2018 3:20	21.05	85.7	6.18	3.2	SR13	12/20/2018 9:20	21.03	83.7	6.03	4.5	SR13	12/20/2018 15:20	21.09	83.1	5.98	3.5	SR13	12/20/2018 21:20	21.21	82.5	5.94	6.0
SR13	12/20/2018 3:25	21.03	86.9	6.26	4.4	SR13	12/20/2018 9:25	21.02	84.5	6.09	3.5	SR13	12/20/2018 15:25	21.13	84.4	6.08	5.9	SR13	12/20/2018 21:25	21.23	82.1	5.91	6.0
SR13	12/20/2018 3:30	21.00	84.6	6.10	7.0	SR13	12/20/2018 9:30	21.04	85.0	6.12	4.7	SR13	12/20/2018 15:30	21.14	84.1	6.05	3.5	SR13	12/20/2018 21:30	21.19	82.2	5.93	6.9
SR13	12/20/2018 3:35	20.99	84.8	6.11	5.9	SR13	12/20/2018 9:35	21.02	84.8	6.11	5.5	SR13	12/20/2018 15:35	21.13	85.7	6.17	5.9	SR13	12/20/2018 21:35	21.16	83.2	5.99	4.2
SR13	12/20/2018 3:40	20.99	87.2	6.28	6.6	SR13	12/20/2018 9:40	21.02	82.6	5.95	5.5	SR13	12/20/2018 15:40	21.14	86.7	6.24	3.2	SR13	12/20/2018 21:40	21.19	83.3	6.00	5.8
SR13	12/20/2018 3:45	21.03	84.6	6.10	5.1	SR13	12/20/2018 9:45	21.05	83.7	6.03	4.3	SR13	12/20/2018 15:45	21.15	83.9	6.04	4.1	SR13	12/20/2018 21:45	21.22	83.2	5.99	7.9
SR13	12/20/2018 3:50	20.99	84.3	6.07	4.5	SR13	12/20/2018 9:50	21.07	85.3	6.14	5.8	SR13	12/20/2018 15:50	21.14	84.3	6.07	5.1	SR13	12/20/2018 21:50	21.15	82.9	5.97	4.3
SR13	12/20/2018 3:55	21.04	85.2	6.14	5.9	SR13	12/20/2018 9:55	21.02	83.4	6.01	6.0	SR13	12/20/2018 15:55	21.15	86.2	6.21	6.1	SR13	12/20/2018 21:55	21.20	85.1	6.13	5.5
SR13	12/20/2018 4:00	21.03	86.4	6.23	5.4	SR13	12/20/2018 10:00	21.08	84.4	6.09	6.0	SR13	12/20/2018 16:00	21.19	84.6	6.09	5.7	SR13	12/20/2018 22:00	21.23	84.6	6.09	6.3
SR13	12/20/2018 4:05	20.99	84.2	6.07	4.0	SR13	12/20/2018 10:05	21.09	83.7	6.03	5.1	SR13	12/20/2018 16:05	21.17	86.2	6.21	4.6	SR13	12/20/2018 22:05	21.23	81.4	5.86	6.6
SR13	12/20/2018 4:10	21.05	86.0	6.20	4.4	SR13	12/20/2018 10:10	21.03	84.2	6.07	3.7	SR13	12/20/2018 16:10	21.13	84.9	6.12	4.0	SR13	12/20/2018 22:10	21.15	84.4	6.08	6.4
SR13	12/20/2018 4:15	20.99	85.1	6.14	4.8	SR13	12/20/2018 10:15	21.02	85.7	6.17	4.9	SR13	12/20/2018 16:15	21.15	86.1	6.20	6.5	SR13	12/20/2018 22:15	21.23	83.1	5.99	7.7
SR13	12/20/2018 4:20	20.99	86.8	6.26	5.6	SR13	12/20/2018 10:20	21.03	84.7	6.10	6.2	SR13	12/20/2018 16:20	21.19	84.6	6.09	4.3	SR13	12/20/2018 22:20	21.23	81.8	5.89	5.0
SR13	12/20/2018 4:25	21.03	86.0	6.20	3.6	SR13	12/20/2018 10:25	21.07	85.7	6.17	5.6	SR13	12/20/2018 16:25	21.13	85.2	6.13	4.0	SR13	12/20/2018 22:25	21.21	82.0	5.91	5.7
SR13	12/20/2018 4:30	21.02	87.9	6.34	6.1	SR13	12/20/2018 10:30	21.09	85.6	6.17	4.4	SR13	12/20/2018 16:30	21.12	84.5	6.08	6.2	SR13	12/20/2018 22:30	21.18	84.2	6.06	6.1
SR13	12/20/2018 4:35	21.05	86.7	6.25	6.2	SR13	12/20/2018 10:35	21.04	85.5	6.16	5.1	SR13	12/20/2018 16:35	21.17	84.6	6.09	6.3	SR13	12/20/2018 22:35	21.20	85.2	6.14	5.2
SR13	12/20/2018 4:40	21.02	86.3	6.22	4.9	SR13	12/20/2018 10:40	21.08	86.1	6.20	3.6	SR13	12/20/2018 16:40	21.17	86.6	6.23	4.6	SR13	12/20/2018 22:40	21.18	83.1	5.99	6.1
SR13	12/20/2018 4:45	21.00	86.7	6.25	4.4	SR13	12/20/2018 10:45	21.08	86.3	6.22	5.3	SR13	12/20/2018 16:45	21.17	85.8	6.18	5.4	SR13	12/20/2018 22:45	21.21	83.9	6.04	5.1
SR13	12/20/2018 4:50	21.01	87.0	6.27	5.0	SR13	12/20/2018 10:50	21.04	85.0	6.12	4.9	SR13	12/20/2018 16:50	21.16	84.2	6.06	3.8	SR13	12/20/2018 22:50	21.17	82.2	5.92	6.8
SR13	12/20/2018 4:55	21.04	85.1	6.13	5.8	SR13	12/20/2018 10:55	21.07	84.0	6.05	6.0	SR13	12/20/2018 16:55	21.17	86.1	6.20	6.4	SR13	12/20/2018 22:55	21.17	83.4	6.00	7.2
SR13	12/20/2018 5:00	20.96	84.0	6.05	4.0	SR13	12/20/2018 11:00	21.03	86.0	6.19	4.0	SR13	12/20/2018 17:00	21.13	83.5	6.01	2.9	SR13	12/20/2018 23:00	21.16	81.7	5.88	6.5
SR13	12/20/2018 5:05	20.99	85.9	6.19	7.0	SR13	12/20/2018 11:05	21.05	84.2	6.07	3.8	SR13	12/20/2018 17:05	21.17	84.3	6.07	6.2	SR13	12/20/2018 23:05	21.23	84.4	6.07	5.8
SR13	12/20/2018 5:10	21.03	86.9	6.26	7.0	SR13	12/20/2018 11:10	21.03	85.9	6.18	6.0	SR13	12/20/2018 17:10	21.16	84.1	6.05	4.9	SR13	12/20/2018 23:10	21.24	82.9	5.97	4.9
SR13	12/20/2018 5:15	21.01	85.8	6.18	3.7	SR13	12/20/2018 11:15	21.06	82.7	5.95	4.0	SR13	12/20/2018 17:15	21.14	84.1	6.06	4.4	SR13	12/20/2018 23:15	21.15	82.4	5.94	6.2
SR13	12/20/2018 5:20	21.03	86.8	6.25	3.5	SR13	12/20/2018 11:20	21.02	82.9	5.97	4.4	SR13	12/20/2018 17:20	21.17	86.0	6.19	4.5	SR13	12/20/2018 23:20	21.25	84.6	6.09	7.0
SR13	12/20/2018 5:25	21.04	85.0	6.13	6.0	SR13	12/20/2018 11:25	21.06	85.4	6.15	5.5	SR13	12/20/2018 17:25	21.15	83.9	6.04	6.0	SR13	12/20/2018 23:25	21.23	83.6	6.02	6.8
SR13	12/20/2018 5:30	21.01	83.4	6.01	5.2	SR13	12/20/2018 11:30	21.08	83.8	6.04	4.5	SR13	12/20/2018 17:30	21.16	83.5	6.01	5.4	SR13	12/20/2018 23:30	21.20	83.3	6.00	7.2
SR13	12/20/2018 5:35	21.03	83.3	6.00	6.3	SR13	12/20/2018 11:35	21.02	85.7	6.17	4.4	SR13	12/20/2018 17:35	21.12	86.3	6.21	4.2	SR13	12/20/2018 23:35	21.15	82.0	5.91	5.4
SR13	12/20/2018 5:40	21.01	84.8	6.11	6.5	SR13	12/20/2018 11:40	21.03	84.0	6.05	2.6	SR13	12/20/2018 17:40	21.15	84.1	6.06	3.0	SR13	12/20/2018 23:40	21.21	84.0	6.05	5.2
SR13	12/20/2018 5:45	21.01	83.6	6.03	4.5	SR13	12/20/2018 11:45	21.03	84.1	6.06	6.3	SR13	12/20/2018 17:45	21.17	84.2	6.06	2.9	SR13	12/20/2018 23:45	21.20	84.1	6.06	7.3
SR13	12/20/2018 5:50	20.98	83.9	6.04	4.9	SR13	12/20/2018 11:50	21.02	83.2	5.99	4.2	SR13	12/20/2018 17:50	21.19	84.1	6.05	3.8	SR13	12/20/2018 23:50	21.18	81.9	5.90	5.0
SR13	12/20/2018 5:55	21.05	84.7	6.11	4.6	SR13	12/20/2018 11:55	21.04	84.0	6.05	3.9	SR13	12/20/2018 17:55	21.20	84.9	6.11	5.1	SR13	12/20/2018 23:55	21.14	83.6	6.03	5.5

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	12/20/2018 0:17	0.08				SR12	12/20/2018 0:17	0.06			
SR4	12/20/2018 0:37	0.08				SR12	12/20/2018 0:37	0.07			
SR4	12/20/2018 0:57	0.10				SR12	12/20/2018 0:57	0.08			
SR4	12/20/2018 1:17	0.09				SR12	12/20/2018 1:17	0.11			
SR4	12/20/2018 1:37	0.07				SR12	12/20/2018 1:37	0.09			
SR4	12/20/2018 1:57	0.07				SR12	12/20/2018 1:57	0.12			
SR4	12/20/2018 2:17	0.10				SR12	12/20/2018 2:17	0.12			
SR4	12/20/2018 2:37	0.08				SR12	12/20/2018 2:37	0.09			
SR4	12/20/2018 2:57	0.08				SR12	12/20/2018 2:57	0.09			
SR4	12/20/2018 3:17	0.08				SR12	12/20/2018 3:17	0.06			
SR4	12/20/2018 3:37	0.09				SR12	12/20/2018 3:37	0.10			
SR4	12/20/2018 3:57	0.07				SR12	12/20/2018 3:57	0.09			
SR4	12/20/2018 4:17	0.08				SR12	12/20/2018 4:17	0.09			
SR4	12/20/2018 4:37	0.08				SR12	12/20/2018 4:37	0.09			
SR4	12/20/2018 4:57	0.08				SR12	12/20/2018 4:57	0.08			
SR4	12/20/2018 5:17	0.10				SR12	12/20/2018 5:17	0.07			
SR4	12/20/2018 5:37	0.08				SR12	12/20/2018 5:37	0.10			
SR4	12/20/2018 5:57	0.10				SR12	12/20/2018 5:57	0.07			
SR4						SR12					
SR4	12/20/2018 6:37	0.07				SR12	12/20/2018 6:37	0.12			
SR4	12/20/2018 6:57	0.10				SR12	12/20/2018 6:57	0.05			
SR4	12/20/2018 7:17	0.07				SR12	12/20/2018 7:17	0.10			
SR4	12/20/2018 7:37	0.08				SR12	12/20/2018 7:37	0.06			
SR4	12/20/2018 7:57	0.10				SR12	12/20/2018 7:57	0.07			
SR4	12/20/2018 8:17	0.09				SR12	12/20/2018 8:17	0.09			
SR4	12/20/2018 8:37	0.08				SR12	12/20/2018 8:37	0.09			
SR4	12/20/2018 8:57	0.10				SR12	12/20/2018 8:57	0.08			
SR4	12/20/2018 9:17	0.09				SR12	12/20/2018 9:17	0.09			
SR4	12/20/2018 9:37	0.09				SR12	12/20/2018 9:37	0.10			
SR4	12/20/2018 9:57	0.08				SR12	12/20/2018 9:57	0.08			
SR4	12/20/2018 10:17	0.07				SR12	12/20/2018 10:17	0.10			
SR4	12/20/2018 10:37	0.10				SR12	12/20/2018 10:37	0.08			
SR4	12/20/2018 10:57	0.07				SR12	12/20/2018 10:57	0.10			
SR4	12/20/2018 11:17	0.10				SR12	12/20/2018 11:17	0.05			
SR4	12/20/2018 11:37	0.08				SR12	12/20/2018 11:37	0.09			
SR4	12/20/2018 11:57	0.07				SR12	12/20/2018 11:57	0.08			
SR4	12/20/2018 12:17	0.08				SR12	12/20/2018 12:17	0.10			
SR4	12/20/2018 12:37	0.07				SR12	12/20/2018 12:37	0.06			
SR4	12/20/2018 12:57	0.10				SR12	12/20/2018 12:57	0.08			
SR4	12/20/2018 13:17	0.10				SR12	12/20/2018 13:17	0.08			
SR4	12/20/2018 13:37	0.09				SR12	12/20/2018 13:37	0.06			
SR4	12/20/2018 13:57	0.09				SR12	12/20/2018 13:57	0.10			
SR4	12/20/2018 14:17	0.09				SR12	12/20/2018 14:17	0.05			
SR4	12/20/2018 14:37	0.07				SR12	12/20/2018 14:37	0.09			
SR4	12/20/2018 14:57	0.08				SR12	12/20/2018 14:57	0.04			
SR4	12/20/2018 15:17	0.07				SR12	12/20/2018 15:17	0.06			
SR4	12/20/2018 15:37	0.08				SR12	12/20/2018 15:37	0.10			
SR4	12/20/2018 15:57	0.07				SR12	12/20/2018 15:57	0.09			
SR4	12/20/2018 16:17	0.08				SR12	12/20/2018 16:17	0.06			
SR4	12/20/2018 16:37	0.08				SR12	12/20/2018 16:37	0.08			
SR4	12/20/2018 16:57	0.09				SR12	12/20/2018 16:57	0.05			
SR4	12/20/2018 17:17	0.09				SR12	12/20/2018 17:17	0.09			
SR4	12/20/2018 17:37	0.08				SR12	12/20/2018 17:37	0.09			
SR4	12/20/2018 17:57	0.08				SR12	12/20/2018 17:57	0.11			
SR4	12/20/2018 18:17	0.07				SR12	12/20/2018 18:17	0.09			
SR4	12/20/2018 18:37	0.07				SR12	12/20/2018 18:37	0.07			
SR4	12/20/2018 18:57	0.06				SR12	12/20/2018 18:57	0.08			
SR4	12/20/2018 19:17	0.07				SR12	12/20/2018 19:17	0.10			
SR4	12/20/2018 19:37	0.09				SR12	12/20/2018 19:37	0.06			
SR4	12/20/2018 19:57	0.11				SR12	12/20/2018 19:57	0.09			
SR4	12/20/2018 20:17	0.08				SR12	12/20/2018 20:17	0.06			
SR4	12/20/2018 20:37	0.07				SR12	12/20/2018 20:37	0.06			
SR4	12/20/2018 20:57	0.06				SR12	12/20/2018 20:57	0.09			
SR4	12/20/2018 21:17	0.09				SR12	12/20/2018 21:17	0.11			
SR4	12/20/2018 21:37	0.09				SR12	12/20/2018 21:37	0.06			
SR4	12/20/2018 21:57	0.09				SR12	12/20/2018 21:57	0.06			
SR4	12/20/2018 22:17	0.08				SR12	12/20/2018 22:17	0.09			
SR4	12/20/2018 22:37	0.06				SR12	12/20/2018 22:37	0.09			
SR4	12/20/2018 22:57	0.09				SR12	12/20/2018 22:57	0.05			
SR4	12/20/2018 23:17	0.09				SR12	12/20/2018 23:17	0.07			
SR4	12/20/2018 23:37	0.07				SR12	12/20/2018 23:37	0.06			
SR4	12/20/2018 23:57	0.08				SR12	12/20/2018 23:57	0.07			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.
SR5 monitoring station was under maintenance during 8:10-8:30.

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/21/2018 0:01	20.84	75.8	5.60	1.1	SR4	12/21/2018 6:01	20.67	83.3	6.17	2.3	SR4	12/21/2018 12:01	21.43	77.7	5.69	2.7	SR4	12/21/2018 18:01	20.92	80.9	5.97	3.3
SR4	12/21/2018 0:06	20.82	75.7	5.59	1.2	SR4	12/21/2018 6:06	20.67	83.0	6.15	2.3	SR4	12/21/2018 12:06	21.52	76.3	5.58	3.6	SR4	12/21/2018 18:06	20.92	80.7	5.95	3.8
SR4	12/21/2018 0:11	20.80	76.1	5.63	2.0	SR4	12/21/2018 6:11	20.67	83.0	6.14	1.7	SR4	12/21/2018 12:11	21.13	81.4	5.98	1.2	SR4	12/21/2018 18:11	20.91	80.1	5.91	3.0
SR4	12/21/2018 0:16	20.83	76.3	5.64	1.2	SR4	12/21/2018 6:16	20.67	82.8	6.13	1.7	SR4	12/21/2018 12:16	21.76	68.5	5.02	1.2	SR4	12/21/2018 18:16	20.93	79.6	5.88	2.9
SR4	12/21/2018 0:21	20.88	70.2	5.18	5.3	SR4	12/21/2018 6:21	20.68	83.3	6.16	1.9	SR4	12/21/2018 12:21	21.20	73.9	5.44	1.8	SR4	12/21/2018 18:21	20.90	80.4	5.93	9.1
SR4	12/21/2018 0:26	20.83	73.3	5.42	1.2	SR4	12/21/2018 6:26	20.68	82.4	6.10	1.9	SR4	12/21/2018 12:26	21.57	67.1	4.92	1.8	SR4	12/21/2018 18:26	20.92	79.7	5.88	2.3
SR4	12/21/2018 0:31	20.85	75.1	5.55	1.3	SR4	12/21/2018 6:31	20.68	81.3	6.02	2.0	SR4	12/21/2018 12:31	21.59	67.3	4.93	1.1	SR4	12/21/2018 18:31	20.92	79.0	5.83	3.0
SR4	12/21/2018 0:36	20.80	76.0	5.62	1.2	SR4	12/21/2018 6:36	20.68	82.0	6.07	1.6	SR4	12/21/2018 12:36	21.47	71.7	5.25	1.8	SR4	12/21/2018 18:36	20.90	79.0	5.83	2.2
SR4	12/21/2018 0:41	20.85	77.3	5.71	2.3	SR4	12/21/2018 6:41	20.69	82.1	6.08	1.5	SR4	12/21/2018 12:41	21.24	77.9	5.72	1.3	SR4	12/21/2018 18:41	20.89	80.4	5.93	2.5
SR4	12/21/2018 0:46	20.82	77.7	5.74	2.0	SR4	12/21/2018 6:46	20.69	82.2	6.08	1.9	SR4	12/21/2018 12:46	21.20	79.1	5.81	1.1	SR4	12/21/2018 18:46	20.90	79.6	5.87	3.6
SR4	12/21/2018 0:51	20.82	78.4	5.79	3.8	SR4	12/21/2018 6:51	20.70	81.9	6.06	2.5	SR4	12/21/2018 12:51	21.07	80.2	5.90	2.1	SR4	12/21/2018 18:51	20.90	80.3	5.93	2.4
SR4	12/21/2018 0:56	20.81	78.6	5.81	2.3	SR4	12/21/2018 6:56	20.70	81.7	6.05	2.2	SR4	12/21/2018 12:56	21.31	76.5	5.61	1.6	SR4	12/21/2018 18:56	20.91	79.2	5.85	2.1
SR4	12/21/2018 1:01	20.81	78.1	5.77	2.0	SR4	12/21/2018 7:01	20.70	81.6	6.04	2.4	SR4	12/21/2018 13:01	21.38	72.5	5.32	1.6	SR4	12/21/2018 19:01	20.92	78.4	5.78	2.3
SR4	12/21/2018 1:06	20.82	76.5	5.65	3.2	SR4	12/21/2018 7:06	20.70	82.0	6.07	2.8	SR4	12/21/2018 13:06	21.70	64.4	4.72	1.4	SR4	12/21/2018 19:06	20.91	78.0	5.75	2.2
SR4	12/21/2018 1:11	20.79	77.5	6.54	2.3	SR4	12/21/2018 7:11	20.70	81.7	6.05	2.1	SR4	12/21/2018 13:11	21.53	67.2	4.93	1.8	SR4	12/21/2018 19:11	20.90	78.8	5.82	2.1
SR4	12/21/2018 1:16	20.79	79.6	7.06	2.8	SR4	12/21/2018 7:16	20.70	82.4	6.10	3.1	SR4	12/21/2018 13:16	21.64	67.4	4.95	2.3	SR4	12/21/2018 19:16	20.91	78.3	5.78	2.0
SR4	12/21/2018 1:21	20.80	83.7	7.41	**12.0**	SR4	12/21/2018 7:21	20.70	82.8	6.13	2.4	SR4	12/21/2018 13:21	21.80	62.9	4.60	2.0	SR4	12/21/2018 19:21	20.91	78.4	5.79	2.0
SR4	12/21/2018 1:26	20.81	86.2	7.64	**25.7**	SR4	12/21/2018 7:26	20.71	82.8	6.13	2.5	SR4	12/21/2018 13:26	21.65	66.4	4.86	1.6	SR4	12/21/2018 19:26	20.91	77.7	5.73	1.9
SR4	12/21/2018 1:31	20.82	98.1	8.70	1.4	SR4	12/21/2018 7:31	20.71	83.1	6.15	4.8	SR4	12/21/2018 13:31	21.40	70.3	5.16	2.1	SR4	12/21/2018 19:31	20.91	77.8	5.74	2.3
SR4	12/21/2018 1:36	20.80	99.5	8.83	2.0	SR4	12/21/2018 7:36	20.71	83.0	6.14	3.1	SR4	12/21/2018 13:36	21.49	69.8	5.11	2.3	SR4	12/21/2018 19:36	20.90	77.3	5.71	2.1
SR4	12/21/2018 1:41	20.79	99.6	8.84	2.0	SR4	12/21/2018 7:41	20.71	82.5	6.11	3.0	SR4	12/21/2018 13:41	21.67	69.2	5.06	1.4	SR4	12/21/2018 19:41	20.94	76.1	5.61	3.1
SR4	12/21/2018 1:46	20.75	99.0	8.80	2.3	SR4	12/21/2018 7:46	20.71	82.3	6.09	3.0	SR4	12/21/2018 13:46	21.83	66.1	4.83	2.3	SR4	12/21/2018 19:46	20.91	78.7	5.81	2.7
SR4	12/21/2018 1:51	20.74	99.7	8.86	3.3	SR4	12/21/2018 7:51	20.71	82.9	6.14	3.3	SR4	12/21/2018 13:51	21.95	64.8	4.72	1.8	SR4	12/21/2018 19:51	20.90	77.5	5.72	2.0
SR4	12/21/2018 1:56	20.73	99.8	8.87	2.7	SR4	12/21/2018 7:56	20.71	83.1	6.15	2.2	SR4	12/21/2018 13:56	22.01	63.0	4.59	1.9	SR4	12/21/2018 19:56	20.89	79.5	5.87	3.1
SR4	12/21/2018 2:01	20.73	99.7	8.86	2.5	SR4	12/21/2018 8:01	20.71	82.8	6.13	2.2	SR4	12/21/2018 14:01	22.02	64.0	4.66	1.5	SR4	12/21/2018 20:01	20.90	77.3	5.70	1.7
SR4	12/21/2018 2:06	20.74	99.6	8.85	1.6	SR4	12/21/2018 8:06	20.73	82.6	6.11	2.3	SR4	12/21/2018 14:06	21.99	65.5	4.77	1.5	SR4	12/21/2018 20:06	20.90	78.8	5.82	8.6
SR4	12/21/2018 2:11	20.72	99.7	8.86	1.5	SR4	12/21/2018 8:11	20.73	82.5	6.10	2.2	SR4	12/21/2018 14:11	22.23	60.7	4.41	2.1	SR4	12/21/2018 20:11	20.90	76.5	5.65	2.1
SR4	12/21/2018 2:16	20.72	99.7	8.86	3.8	SR4	12/21/2018 8:16	20.73	82.4	6.10	2.8	SR4	12/21/2018 14:16	21.98	64.4	4.70	2.1	SR4	12/21/2018 20:16	20.91	77.2	5.70	2.0
SR4	12/21/2018 2:21	20.73	99.7	8.86	4.7	SR4	12/21/2018 8:21	20.74	82.2	6.08	2.5	SR4	12/21/2018 14:21	21.79	58.7	4.30	2.1	SR4	12/21/2018 20:21	20.92	75.1	5.54	1.4
SR4	12/21/2018 2:26	20.73	99.6	8.85	4.4	SR4	12/21/2018 8:26	20.74	82.2	6.08	2.0	SR4	12/21/2018 14:26	21.98	53.8	3.94	2.3	SR4	12/21/2018 20:26	20.93	74.1	5.47	1.6
SR4	12/21/2018 2:31	20.71	99.7	8.87	2.1	SR4	12/21/2018 8:31	20.75	82.2	6.08	1.5	SR4	12/21/2018 14:31	21.91	55.4	4.05	2.2	SR4	12/21/2018 20:31	20.94	73.8	5.44	1.2
SR4	12/21/2018 2:36	20.65	99.8	8.88	1.8	SR4	12/21/2018 8:36	20.76	83.0	6.14	1.3	SR4	12/21/2018 14:36	22.20	50.8	3.71	2.5	SR4	12/21/2018 20:36	20.93	73.7	5.43	3.0
SR4	12/21/2018 2:41	20.67	99.8	8.88	2.5	SR4	12/21/2018 8:41	20.76	83.2	6.15	1.9	SR4	12/21/2018 14:41	21.49	64.7	4.75	1.9	SR4	12/21/2018 20:41	20.94	71.8	5.29	4.3
SR4	12/21/2018 2:46	20.64	99.8	8.88	3.1	SR4	12/21/2018 8:46	20.75	82.1	6.07	2.3	SR4	12/21/2018 14:46	22.03	55.6	4.07	1.9	SR4	12/21/2018 20:46	20.93	74.4	5.49	1.2
SR4	12/21/2018 2:51	20.67	98.5	8.76	1.8	SR4	12/21/2018 8:51	20.79	83.5	6.17	1.8	SR4	12/21/2018 14:51	21.03	76.3	5.63	3.1	SR4	12/21/2018 20:51	20.93	72.6	5.36	2.5
SR4	12/21/2018 2:56	20.64	99.8	8.88	2.3	SR4	12/21/2018 8:56	20.78	83.5	6.17	1.8	SR4	12/21/2018 14:56	21.97	58.2	4.26	1.8	SR4	12/21/2018 20:56	20.91	72.4	5.34	1.1
SR4	12/21/2018 3:01	20.61	100.1	8.92	3.5	SR4	12/21/2018 9:01	20.77	82.8	6.12	2.0	SR4	12/21/2018 15:01	21.12	73.9	5.45	2.8	SR4	12/21/2018 21:01	20.92	74.3	5.48	1.2
SR4	12/21/2018 3:06	20.61	99.8	8.89	3.6	SR4	12/21/2018 9:06	20.80	82.7	6.11	1.9	SR4	12/21/2018 15:06	21.09	76.4	5.63	2.4	SR4	12/21/2018 21:06	20.91	74.2	5.47	1.2
SR4	12/21/2018 3:11	20.63	99.8	8.89	2.9	SR4	12/21/2018 9:11	20.87	84.2	6.21	1.1	SR4	12/21/2018 15:11	21.05	76.7	5.65	3.0	SR4	12/21/2018 21:11	20.89	77.3	5.70	1.7
SR4	12/21/2018 3:16	20.61	99.9	8.90	5.4	SR4	12/21/2018 9:16	20.88	82.9	6.12	1.0	SR4	12/21/2018 15:16	21.74	65.4	4.78	1.4	SR4	12/21/2018 21:16	20.91	75.5	5.57	1.5
SR4	12/21/2018 3:21	20.57	99.9	8.90	4.6	SR4	12/21/2018 9:21	20.85	84.4	6.23	2.0	SR4	12/21/2018 15:21	21.41	69.4	5.10	1.7	SR4	12/21/2018 21:21	20.89	78.4	5.79	2.0
SR4	12/21/2018 3:26	20.61	99.9	8.90	4.4	SR4	12/21/2018 9:26	20.87	84.5	6.24	1.9	SR4	12/21/2018 15:26	21.10	75.6	5.57	2.2	SR4	12/21/2018 21:26	20.89	78.5	5.79	2.5
SR4	12/21/2018 3:31	20.61	100.2	8.92	4.0	SR4	12/21/2018 9:31	20.88	84.0	6.20	1.4	SR4	12/21/2018 15:31	21.72	60.0	4.40	2.5	SR4	12/21/2018 21:31	20.89	78.5	5.79	1.6
SR4	12/21/2018 3:36	20.60	97.9	8.72	3.5	SR4	12/21/2018 9:36	20.89	84.9	6.26	1.3	SR4	12/21/2018 15:36	21.70	57.5	4.23	2.5	SR4	12/21/2018 21:36	20.89	77.6	5.73	1.6
SR4	12/21/2018 3:41	20.67	93.4	8.32	1.2	SR4	12/21/2018 9:41	20.91	84.7	6.24	1.0	SR4	12/21/2018 15:41	21.42	71.8	5.28	1.8	SR4	12/21/2018 21:41	20.87	78.6	5.80	1.9
SR4	12/21/2018 3:46	20.73	90.0	7.98	4.9	SR4	12/21/2018 9:46	20.91	86.9	6.41	2.1	SR4	12/21/2018 15:46	21.20	76.0	5.60	2.6	SR4	12/21/2018 21:46	20.87	79.2	5.84	1.8
SR4	12/21/2018 3:51	20.78	78.2	6.94	3.6	SR4	12/21/2018 9:51	21.15	83.8	6.15	2.3	SR4	12/21/2018 15:51	21.58	68.6	5.03	2.4	SR4	12/21/2018 21:51	20.87	78.6	5.80	1.4
SR4	12/21/2018 3:56	20.78	76.7	6.80	5.2	SR4	12/21/2018 9:56	21.16	85.2	6.26	5.0	SR4	12/21/2018 15:56	21.25	74.9	5.51	1.9	SR4	12/21/2018 21:56	20.87	78.6	5.80	1.2
SR4	12/21/2018 4:01	20.68	84.8	7.17	1.9	SR4	12/21/2018 10:01	20.99	84.4	6.22	4.8	SR4	12/21/2018 16:01	20.91	78.7	5.81	3.6	SR4	12/21/2018 22:01	20.87	77.0	5.68	1.4
SR4	12/21/2018 4:06	20.68	85.5	7.23	2.1	SR4	12/21/2018 10:06	20.91	85.1	6.28	2.1	SR4	12/21/2018 16:06	20.87	80.4	5.94	3.3	SR4	12/21/2018 22:06	20.88	76.9	5.68	1.1
SR4	12/21/2018 4:11	20.67	85.8	6.36	1.7	SR4	12/21/2018 10:11	20.89	85.1	6.28	1.3	SR4	12/21/2018 16:11	20.95	80.0	5.90	2.9	SR4	12/21/2018 22:11	20.87	77.6	5.73	1.5
SR4	12/21/2018 4:16	20.66	86.3	6.39	3.4	SR4	12/21/2018 10:16	20.85	83.2	6.14	1.3	SR4	12/21/2018 16:16	21.04	79.7	5.87	1.9	SR4	12/21/2018 22:16	20.88	77.2	5.70	1.4
SR4	12/21/2018 4:21	20.66	86.5	6.41	3.2	SR4						SR4	12/21/2018 16:21	20.93	80.5	5.94	2.3	SR4	12/21/2018 22:21	20.86	78.9	5.83	1.0
SR4	12/21/2018 4:26	20.66	86.3	6.39	2.2	SR4						SR4	12/21/2018 16:26	20.93	81.1	5.98	2.2	SR4	12/21/2018 22:26	20.86	80.3	5.93	1.7
SR4	12/21/2018 4:31	20.66	86.4	6.40	1.8	SR4						SR4	12/21/2018 16:31	20.94	81.3	6.00	2.1	SR4	12/21/2018 22:31	20.87	80.0	5.91	1.0
SR4	12/21/2018 4:36	20.65	86.4	6.40	2.1	SR4						SR4	12/21/2018 16:36	20.94	80.6	5.94	2.2	SR4	12/21/2018 22:36	20.86	79.7	5.89	1.2
SR4	12/21/2018 4:41	20.67	82.8	6.13	1.7	SR4						SR4	12/21/2018 16:41	20.93	83.1	6.13	6.4	SR4	12/21/2018 22:41	20.87	78.9	5.83	1.1
SR4	12/21/2018 4:46	20.69	81.2	6.01	2.5	SR4						SR4	12/21/2018 16:46	20.94	81.8	6.03	2.1	SR4	12/21/2018 22:46	20.91	76.1	5.61	5.3
SR4	12/21/2018 4:51	20.69	81.6	6.04	2.3	SR4						SR4	12/21/2018 16:51	20.92	80.0	5.90	1.9	SR4	12/21/2018 22:51	20.93	74.1	5.46	5.1
SR4	12/21/2018 4:56	20.69	81.2	6.01	2.4	SR4						SR4	12/21/2018 16:56	20.94	80.5	5.94	2.5	SR4	12/21/2018 22:56	20.91	74.1	5.47	2.4
SR4	12/21/2018 5:01	20.69	80.3	5.94	2.5	SR4						SR4	12/21/2018 17:01	20.93	80.2	5.92	2.4	SR4	12/21/2018 23:01	20.88	78.8	5.82	1.5
SR4	12/21/2018 5:06	20.69	81.1	6.00	2.6	SR4						SR4	12/21/2018 17:06	20.93	81.8	6.03	2.8	SR4	12/21/2018 23:06	20.87	77.9	5.75	3.9
SR4	12/21/2018 5:11	20.69	81.5	6.03	2.5	SR4						SR4	12/21/2018 17:11	20.95	81.4	6.00	2.6	SR4	12/21/2018 23:11	20.92	78.4	5.78	3.1
SR4	12/21/2018 5:16	20.69	82.0	6.07	2.5	SR4						SR4	12/21/2018 17:16	20.95	80.1	5.91	1.6	SR4	12/21/2018 23:16	20.95	76.9	5.67	1.4
SR4	12/21/2018 5:21	20.68	82.6	6.12	2.4	SR4						SR4	12/21/2018 17:21	20.92	80.1	5.91	2.5	SR4	12/21/2018 23:21	20.97	70.9	5.23	1.4
SR4	12/21/2018 5:26	20.66	83.7	6.20	2.9	SR4						SR4	12/21/2018 17:26	20.94	81.2	5.99	2.5	SR4	12/21/2018 23:26	20.91	78.8	5.82	1.0
SR4	12/21/2018 5:31	20.66	84.3	6.24	1.9	SR4	12/21/2018 11:31	21.19	79.1	5.81	1.1	SR4	12/21/2018 17:31	20.92	80.3	5.93	2.7	SR4	12/21/2018 23:31	20.91	76.6	5.65	4.4
SR4	12/21/2018 5:36	20.66	85.0	6.29	2.9	SR4	12/21/2018 11:36	21.14	81.2	5.96	3.7	SR4	12/21/2018 17:36	20.92	81.4	6.00	3.1	SR4	12/21/2018 23:36	20.90	76.4	5.64	1.1
SR4	12/21/2018 5:41	20.66	84.9	6.29	2.8	SR4	12/21/2018 11:41	21.07	82.1	6.04	2.2	SR4	12/21/2018 17:41	20.92	81.2	5.99	4.6	SR4	12/21/2018 23:41	20.90	78.3	5.78	1.2
SR4	12/21/2018 5:46	20.67	82.8	6.13	2.1	SR4	12/21/2018 11:46	21.37	73.3	5.38	4.1	SR4	12/21/2018 17:46	20.91	81.2	5.99	2.7	SR4	12/21/2018 23:46	20.96	72.5	5.34	2.4
SR4	12/21/2018 5:51	20.67	84.7	6.27	2.7	SR4	12/21/2018 11:51	21.38	75.2	5.51	2.9	SR4	12/21/2018 17:51	20.91	80.9	5.97	3.0	SR4	12/21/2018 23:51	20.94	73.2	5.40	1.8
SR4	12/21/2018 5:56	20.67	83.9	6.21	1.8	SR4	12/21/2018 11:56	21.50	74.9	5.48	3.4	SR4	12/21/2018 17:56	20.92	80.7	5.95	3.0	SR4	12/21/2018 23:56	20.93	75.5	5.57	1.1

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/21/2018 0:00	21.16	86.5	6.26	3.0	SR5	12/21/2018 6:00	20.92	88.5	6.41	4.0	SR5	12/21/2018 12:00	21.18	79.5	5.80	1.9	SR5	12/21/2018 18:00	21.23	81.3	5.95	4.0
SR5	12/21/2018 0:05	21.16	88.1	6.37	3.0	SR5	12/21/2018 6:05	20.91	89.6	6.48	1.5	SR5	12/21/2018 12:05	21.19	79.0	5.77	3.2	SR5	12/21/2018 18:05	21.23	81.1	5.94	2.5
SR5	12/21/2018 0:10	21.16	89.5	6.47	3.5	SR5	12/21/2018 6:10	20.89	88.5	6.41	2.6	SR5	12/21/2018 12:10	21.19	81.7	5.97	1.4	SR5	12/21/2018 18:10	21.24	80.9	5.92	2.3
SR5	12/21/2018 0:15	21.16	94.3	6.68	2.8	SR5	12/21/2018 6:15	20.90	90.7	6.56	3.4	SR5	12/21/2018 12:15	21.21	75.5	5.51	1.5	SR5	12/21/2018 18:15	21.23	80.7	5.92	2.5
SR5	12/21/2018 0:20	21.17	95.1	6.72	4.4	SR5	12/21/2018 6:20	20.92	90.9	6.57	3.7	SR5	12/21/2018 12:20	21.22	78.1	5.71	1.7	SR5	12/21/2018 18:20	21.23	81.1	5.94	5.6
SR5	12/21/2018 0:25	21.18	96.9	6.86	2.8	SR5	12/21/2018 6:25	20.91	89.9	6.50	3.0	SR5	12/21/2018 12:25	21.22	74.4	5.43	2.6	SR5	12/21/2018 18:25	21.22	80.5	5.90	3.6
SR5	12/21/2018 0:30	21.18	95.2	6.74	3.9	SR5	12/21/2018 6:30	20.90	86.9	6.29	2.4	SR5	12/21/2018 12:30	21.23	74.4	5.43	2.1	SR5	12/21/2018 18:30	21.23	80.0	5.86	3.4
SR5	12/21/2018 0:35	21.18	88.0	6.36	2.4	SR5	12/21/2018 6:35	20.91	91.0	6.58	3.5	SR5	12/21/2018 12:35	21.21	77.0	5.62	3.3	SR5	12/21/2018 18:35	21.23	80.2	5.87	3.0
SR5	12/21/2018 0:40	21.18	86.9	6.29	4.3	SR5	12/21/2018 6:40	20.90	94.8	6.72	4.2	SR5	12/21/2018 12:40	21.21	79.9	5.84	1.4	SR5	12/21/2018 18:40	21.24	80.8	5.92	3.4
SR5	12/21/2018 0:45	21.17	88.7	6.42	2.4	SR5	12/21/2018 6:45	20.95	95.8	6.79	2.2	SR5	12/21/2018 12:45	21.23	80.2	5.86	1.5	SR5	12/21/2018 18:45	21.24	80.0	5.86	4.0
SR5	12/21/2018 0:50	21.16	89.1	6.44	2.2	SR5	12/21/2018 6:50	20.93	97.1	6.88	3.6	SR5	12/21/2018 12:50	21.22	80.8	5.91	1.6	SR5	12/21/2018 18:50	21.25	80.4	5.89	3.4
SR5	12/21/2018 0:55	21.13	88.1	6.37	3.0	SR5	12/21/2018 6:55	20.95	98.4	6.97	3.8	SR5	12/21/2018 12:55	21.23	78.9	5.76	3.2	SR5	12/21/2018 18:55	21.23	80.2	5.88	2.7
SR5	12/21/2018 1:00	21.11	87.3	6.32	4.0	SR5	12/21/2018 7:00	20.94	98.1	6.95	2.1	SR5	12/21/2018 13:00	21.28	76.7	5.60	1.8	SR5	12/21/2018 19:00	21.24	79.8	5.84	2.6
SR5	12/21/2018 1:05	21.08	86.5	6.25	2.6	SR5	12/21/2018 7:05	20.94	99.2	7.03	2.5	SR5	12/21/2018 13:05	21.27	76.9	5.61	3.0	SR5	12/21/2018 19:05	21.25	79.5	5.82	2.6
SR5	12/21/2018 1:10	21.09	89.5	6.68	2.1	SR5	12/21/2018 7:10	20.94	89.5	6.48	3.1	SR5	12/21/2018 13:10	21.30	77.3	5.64	3.2	SR5	12/21/2018 19:10	21.25	79.4	5.82	3.4
SR5	12/21/2018 1:15	21.11	90.9	6.87	3.6	SR5	12/21/2018 7:15	20.96	90.5	6.55	4.6	SR5	12/21/2018 13:15	21.30	77.0	5.62	2.4	SR5	12/21/2018 19:15	21.25	78.8	5.77	2.6
SR5	12/21/2018 1:20	21.09	91.0	6.89	5.7	SR5	12/21/2018 7:20	20.96	88.3	6.39	3.0	SR5	12/21/2018 13:20	21.32	76.4	5.58	3.4	SR5	12/21/2018 19:20	21.25	79.0	5.79	2.8
SR5	12/21/2018 1:25	21.06	91.7	6.95	**8.8**	SR5	12/21/2018 7:25	21.00	88.6	6.42	2.6	SR5	12/21/2018 13:25	21.32	79.7	5.82	1.4	SR5	12/21/2018 19:25	21.24	79.2	5.80	3.6
SR5	12/21/2018 1:30	21.04	92.2	7.04	3.3	SR5	12/21/2018 7:30	20.96	87.5	6.33	4.7	SR5	12/21/2018 13:30	21.26	79.6	5.81	2.4	SR5	12/21/2018 19:30	21.25	78.8	5.77	2.9
SR5	12/21/2018 1:35	21.02	93.2	7.12	2.2	SR5	12/21/2018 7:35	20.97	90.2	6.53	3.6	SR5	12/21/2018 13:35	21.24	76.0	5.55	2.4	SR5	12/21/2018 19:35	21.25	78.5	5.75	3.2
SR5	12/21/2018 1:40	20.99	93.2	7.13	3.0	SR5	12/21/2018 7:40	20.95	88.3	6.39	4.3	SR5	12/21/2018 13:40	21.20	77.5	5.66	3.1	SR5	12/21/2018 19:40	21.24	77.8	5.69	3.9
SR5	12/21/2018 1:45	20.90	95.5	7.29	2.3	SR5	12/21/2018 7:45	20.95	90.7	6.56	4.5	SR5	12/21/2018 13:45	21.21	79.2	5.78	2.4	SR5	12/21/2018 19:45	21.24	79.0	5.79	2.8
SR5	12/21/2018 1:50	20.93	93.6	7.15	3.8	SR5	12/21/2018 7:50	20.86	91.4	6.62	2.7	SR5	12/21/2018 13:50	21.28	77.0	5.62	3.2	SR5	12/21/2018 19:50	21.23	78.4	5.75	2.8
SR5	12/21/2018 1:55	20.96	93.2	7.13	3.0	SR5	12/21/2018 7:55	20.86	90.0	6.51	2.8	SR5	12/21/2018 13:55	21.25	78.4	5.72	2.4	SR5	12/21/2018 19:55	21.23	79.6	5.83	4.2
SR5	12/21/2018 2:00	20.84	93.4	7.14	1.9	SR5	12/21/2018 8:00	20.89	90.3	6.53	4.0	SR5	12/21/2018 14:00	21.25	78.2	5.71	1.6	SR5	12/21/2018 20:00	21.23	78.8	5.77	2.4
SR5	12/21/2018 2:05	20.82	93.0	7.11	2.7	SR5	12/21/2018 8:05	20.91	90.9	6.57	2.0	SR5	12/21/2018 14:05	21.24	77.4	5.65	2.1	SR5	12/21/2018 20:05	21.23	79.7	5.84	5.6
SR5	12/21/2018 2:10	20.82	95.8	7.31	1.8	SR5	12/21/2018 8:10	20.90	87.5	6.33	2.6	SR5	12/21/2018 14:10	21.26	78.5	5.73	3.7	SR5	12/21/2018 20:10	21.23	78.7	5.76	2.2
SR5	12/21/2018 2:15	20.82	93.5	7.14	3.6	SR5	12/21/2018 8:15	20.91	89.3	6.46	2.7	SR5	12/21/2018 14:15	21.23	77.0	5.62	1.8	SR5	12/21/2018 20:15	21.24	78.8	5.77	3.8
SR5	12/21/2018 2:20	20.80	95.2	7.27	2.8	SR5	12/21/2018 8:20	20.90	89.7	6.49	2.6	SR5	12/21/2018 14:20	21.22	78.5	5.73	1.9	SR5	12/21/2018 20:20	21.24	78.0	5.71	2.5
SR5	12/21/2018 2:25	20.78	96.5	7.36	2.5	SR5	12/21/2018 8:25	20.90	89.2	6.45	2.2	SR5	12/21/2018 14:25	21.20	77.3	5.64	2.1	SR5	12/21/2018 20:25	21.23	77.6	5.69	3.1
SR5	12/21/2018 2:30	20.79	94.6	7.22	2.1	SR5	12/21/2018 8:30	20.90	87.9	6.36	2.4	SR5	12/21/2018 14:30	21.22	76.3	5.57	3.0	SR5	12/21/2018 20:30	21.23	77.5	5.67	1.5
SR5	12/21/2018 2:35	20.79	94.1	7.19	3.4	SR5	12/21/2018 8:35	20.91	91.1	6.59	2.6	SR5	12/21/2018 14:35	21.21	79.7	5.82	2.0	SR5	12/21/2018 20:35	21.23	77.7	5.68	2.2
SR5	12/21/2018 2:40	20.79	95.0	7.25	3.6	SR5	12/21/2018 8:40	20.91	91.0	6.58	4.1	SR5	12/21/2018 14:40	21.23	77.7	5.67	2.1	SR5	12/21/2018 20:40	21.24	76.4	5.59	4.9
SR5	12/21/2018 2:45	20.79	95.4	7.29	3.7	SR5	12/21/2018 8:45	20.93	89.2	6.45	3.8	SR5	12/21/2018 14:45	21.21	78.1	5.70	2.2	SR5	12/21/2018 20:45	21.25	77.7	5.69	2.6
SR5	12/21/2018 2:50	20.78	96.4	7.35	3.7	SR5	12/21/2018 8:50	20.92	89.0	6.44	3.1	SR5	12/21/2018 14:50	21.17	80.3	5.86	3.3	SR5	12/21/2018 20:50	21.26	76.7	5.62	2.2
SR5	12/21/2018 2:55	20.78	95.1	7.26	5.7	SR5	12/21/2018 8:55	20.91	90.3	6.53	4.2	SR5	12/21/2018 14:55	21.23	79.3	5.79	2.1	SR5	12/21/2018 20:55	21.27	77.0	5.64	1.5
SR5	12/21/2018 3:00	20.78	96.2	7.34	3.5	SR5	12/21/2018 9:00	20.94	87.6	6.34	2.1	SR5	12/21/2018 15:00	21.21	79.6	5.81	3.8	SR5	12/21/2018 21:00	21.25	77.8	5.70	3.2
SR5	12/21/2018 3:05	20.78	93.4	7.14	3.9	SR5	12/21/2018 9:05	20.94	88.6	6.41	2.6	SR5	12/21/2018 15:05	21.18	80.7	5.89	3.9	SR5	12/21/2018 21:05	21.26	77.5	5.67	1.8
SR5	12/21/2018 3:10	20.78	92.6	7.08	3.2	SR5	12/21/2018 9:10	20.95	88.4	6.39	2.6	SR5	12/21/2018 15:10	21.30	80.6	5.88	3.0	SR5	12/21/2018 21:10	21.29	79.3	5.81	3.6
SR5	12/21/2018 3:15	20.78	93.3	7.14	2.9	SR5	12/21/2018 9:15	20.97	89.5	6.47	2.8	SR5	12/21/2018 15:15	21.22	77.7	5.67	1.4	SR5	12/21/2018 21:15	21.29	78.1	5.72	2.9
SR5	12/21/2018 3:20	20.78	92.6	7.09	4.2	SR5	12/21/2018 9:20	20.99	91.6	6.62	4.0	SR5	12/21/2018 15:20	21.40	76.4	5.58	1.7	SR5	12/21/2018 21:20	21.30	79.4	5.82	3.4
SR5	12/21/2018 3:25	20.78	95.9	7.32	3.8	SR5	12/21/2018 9:25	21.01	89.5	6.47	3.6	SR5	12/21/2018 15:25	21.23	80.0	5.84	2.3	SR5	12/21/2018 21:25	21.31	79.5	5.82	2.2
SR5	12/21/2018 3:30	20.78	96.6	7.37	2.3	SR5	12/21/2018 9:30	21.02	87.2	6.30	2.5	SR5	12/21/2018 15:30	21.24	78.0	5.69	4.0	SR5	12/21/2018 21:30	21.32	79.6	5.83	3.5
SR5	12/21/2018 3:35	20.78	93.2	7.12	2.0	SR5	12/21/2018 9:35	20.99	90.7	6.56	3.8	SR5	12/21/2018 15:35	21.26	76.3	5.57	1.9	SR5	12/21/2018 21:35	21.32	79.4	5.82	1.6
SR5	12/21/2018 3:40	20.78	91.3	6.96	2.8	SR5	12/21/2018 9:40	20.97	89.4	6.46	3.0	SR5	12/21/2018 15:40	21.30	77.8	5.68	3.2	SR5	12/21/2018 21:40	21.31	79.8	5.85	1.7
SR5	12/21/2018 3:45	20.78	92.2	7.00	2.1	SR5	12/21/2018 9:45	20.97	92.4	6.68	3.6	SR5	12/21/2018 15:45	21.26	80.1	5.86	2.7	SR5	12/21/2018 21:45	21.34	79.9	5.85	1.9
SR5	12/21/2018 3:50	20.78	91.1	6.88	3.7	SR5	12/21/2018 9:50	20.98	89.5	6.46	1.7	SR5	12/21/2018 15:50	21.22	76.2	5.56	3.0	SR5	12/21/2018 21:50	21.34	79.6	5.83	1.3
SR5	12/21/2018 3:55	20.78	87.1	6.59	2.7	SR5	12/21/2018 9:55	21.03	89.0	6.43	3.3	SR5	12/21/2018 15:55	21.40	79.7	5.83	2.7	SR5	12/21/2018 21:55	21.34	79.5	5.82	1.9
SR5	12/21/2018 4:00	20.78	91.7	6.86	3.7	SR5	12/21/2018 10:00	21.06	87.9	6.36	3.4	SR5	12/21/2018 16:00	21.28	81.4	5.96	3.3	SR5	12/21/2018 22:00	21.31	78.7	5.76	2.2
SR5	12/21/2018 4:05	20.78	91.9	6.88	2.3	SR5	12/21/2018 10:05	21.08	88.0	6.36	1.8	SR5	12/21/2018 16:05	21.24	82.1	6.02	3.1	SR5	12/21/2018 22:05	21.28	78.8	5.77	2.7
SR5	12/21/2018 4:10	20.78	92.6	6.71	3.7	SR5	12/21/2018 10:10	21.08	83.0	6.09	1.3	SR5	12/21/2018 16:10	21.24	81.9	5.99	2.2	SR5	12/21/2018 22:10	21.29	79.3	5.81	2.3
SR5	12/21/2018 4:15	20.78	92.1	6.67	2.2	SR5	12/21/2018 10:15	21.05	81.9	6.00	3.1	SR5	12/21/2018 16:15	21.23	81.7	5.97	3.3	SR5	12/21/2018 22:15	21.27	78.9	5.78	1.8
SR5	12/21/2018 4:20	20.78	91.2	6.61	3.2	SR5	12/21/2018 10:20	21.07	81.6	5.99	2.6	SR5	12/21/2018 16:20	21.23	82.1	6.01	2.4	SR5	12/21/2018 22:20	21.26	79.7	5.84	2.0
SR5	12/21/2018 4:25	20.78	90.5	6.55	2.7	SR5	12/21/2018 10:25	21.08	81.6	5.98	2.8	SR5	12/21/2018 16:25	21.22	82.2	6.02	2.0	SR5	12/21/2018 22:25	21.27	80.5	5.90	2.4
SR5	12/21/2018 4:30	20.78	92.1	6.67	4.3	SR5	12/21/2018 10:30	21.08	83.2	6.10	2.4	SR5	12/21/2018 16:30	21.22	82.4	6.03	1.8	SR5	12/21/2018 22:30	21.27	80.4	5.89	2.0
SR5	12/21/2018 4:35	20.78	90.2	6.53	4.1	SR5	12/21/2018 10:35	21.10	82.3	6.04	1.4	SR5	12/21/2018 16:35	21.23	81.7	5.98	1.9	SR5	12/21/2018 22:35	21.27	80.3	5.89	3.1
SR5	12/21/2018 4:40	20.78	87.7	6.35	2.2	SR5	12/21/2018 10:40	21.12	82.9	6.08	1.8	SR5	12/21/2018 16:40	21.21	82.9	6.07	5.3	SR5	12/21/2018 22:40	21.28	79.5	5.83	1.1
SR5	12/21/2018 4:45	20.78	87.7	6.35	3.2	SR5	12/21/2018 10:45	21.12	82.5	6.04	1.5	SR5	12/21/2018 16:45	21.21	82.1	6.01	2.5	SR5	12/21/2018 22:45	21.27	78.4	5.74	3.4
SR5	12/21/2018 4:50	20.78	87.8	6.36	3.4	SR5	12/21/2018 10:50	21.13	81.9	5.98	4.6	SR5	12/21/2018 16:50	21.21	81.1	5.93	1.5	SR5	12/21/2018 22:50	21.26	77.3	5.66	4.5
SR5	12/21/2018 4:55	20.78	90.4	6.54	2.6	SR5	12/21/2018 10:55	21.15	80.4	5.87	4.9	SR5	12/21/2018 16:55	21.21	81.6	5.97	2.6	SR5	12/21/2018 22:55	21.25	77.4	5.67	1.9
SR5	12/21/2018 5:00	20.78	90.8	6.57	2.2	SR5	12/21/2018 11:00	21.14	80.4	5.88	3.6	SR5	12/21/2018 17:00	21.22	81.4	5.96	2.1	SR5	12/21/2018 23:00	21.26	80.0	5.86	1.8
SR5	12/21/2018 5:05	20.78	89.7	6.49	4.5	SR5	12/21/2018 11:05	21.14	80.8	5.91	1.8	SR5	12/21/2018 17:05	21.22	81.9	5.99	2.4	SR5	12/21/2018 23:05	21.25	79.2	5.80	2.6
SR5	12/21/2018 5:10	20.78	91.4	6.61	2.5	SR5	12/21/2018 11:10	21.16	80.3	5.88	4.6	SR5	12/21/2018 17:10	21.22	81.7	5.98	3.6	SR5	12/21/2018 23:10	21.26	79.3	5.81	4.7
SR5	12/21/2018 5:15	20.80	90.1	6.52	2.3	SR5	12/21/2018 11:15	21.16	80.2	5.87	3.5	SR5	12/21/2018 17:15	21.23	81.1	5.94	2.0	SR5	12/21/2018 23:15	21.25	78.5	5.75	1.8
SR5	12/21/2018 5:20	20.81	87.8	6.36	2.9	SR5	12/21/2018 11:20	21.16	79.2	5.79	3.4	SR5	12/21/2018 17:20	21.24	81.3	5.95	3.9	SR5	12/21/2018 23:20	21.25	76.4	5.60	2.3
SR5	12/21/2018 5:25	20.84	90.2	6.53	4.5	SR5	12/21/2018 11:25	21.15	80.4	5.88	3.2	SR5	12/21/2018 17:25	21.29	81.5	5.97	3.1	SR5	12/21/2018 23:25	21.25	80.3	5.88	2.4
SR5	12/21/2018 5:30	20.85	90.3	6.53	2.3	SR5	12/21/2018 11:30	21.12	80.3	5.87	2.6	SR5	12/21/2018 17:30	21.26	81.3	5.95	3.0	SR5	12/21/2018 23:30	21.25	79.1	5.79	4.1
SR5	12/21/2018 5:35	20.83	90.3	6.53	3.7	SR5	12/21/2018 11:35	21.10	81.4	5.95	4.3	SR5	12/21/2018 17:35	21.26	81.5	5.96	3.7	SR5	12/21/2018 23:35	21.25	79.5	5.83	2.0
SR5	12/21/2018 5:40	20.82	90.4	6.54	3.4	SR5	12/21/2018 11:40	21.12	81.7	5.98	3.6	SR5	12/21/2018 17:40	21.25	81.8	5.99	3.9	SR5	12/21/2018 23:40	21.24	80.1	5.87	1.7
SR5	12/21/2018 5:45	20.82	89.2	6.46	1.7	SR5	12/21/2018 11:45	21.12	77.3	5.65	3.4	SR5	12/21/2018 17:45	21.24	81.6	5.97	2.1	SR5	12/21/2018 23:45	21.23	77.5	5.67	4.0
SR5	12/21/2018 5:50	20.88	91.6	6.62	4.2	SR5	12/21/2018 11:50	21.15	79.0	5.77	2.1	SR5	12/21/2018 17:50	21.23	81.3	5.96	3.9	SR5	12/21/2018 23:50	21.22	77.6	5.69	2.6
SR5	12/21/2018 5:55	20.87	91.6	6.63	2.5	SR5	12/21/2018 11:55	21.16	78.5	5.73	4.3	SR5	12/21/2018 17:55	21.25	81.1	5.94	2.5	SR5	12/21/2018 23:55	21.21	78.9	5.78	2.9

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/21/2018 0:01	21.54	82.4	6.00	2.8	SR12	12/21/2018 6:01	21.51	80.8	5.89	4.0	SR12	12/21/2018 12:01	21.61	81.2	5.91	1.1	SR12	12/21/2018 18:01	21.68	81.6	5.93	4.7
SR12	12/21/2018 0:06	21.56	82.4	6.00	3.5	SR12	12/21/2018 6:06	21.52	80.5	5.87	1.4	SR12	12/21/2018 12:06	21.59	81.7	5.95	2.7	SR12	12/21/2018 18:06	21.68	81.5	5.92	1.2
SR12	12/21/2018 0:11	21.55	82.5	6.01	5.0	SR12	12/21/2018 6:11	21.51	80.5	5.87	2.5	SR12	12/21/2018 12:11	21.60	81.9	5.96	1.5	SR12	12/21/2018 18:11	21.67	81.6	5.93	1.5
SR12	12/21/2018 0:16	21.55	81.9	5.97	4.0	SR12	12/21/2018 6:16	21.52	79.8	5.82	2.5	SR12	12/21/2018 12:16	21.59	82.4	6.00	1.7	SR12	12/21/2018 18:16	21.67	81.8	5.95	2.1
SR12	12/21/2018 0:21	21.54	82.1	5.98	1.5	SR12	12/21/2018 6:21	21.52	80.1	5.84	4.9	SR12	12/21/2018 12:21	21.59	82.2	5.98	1.5	SR12	12/21/2018 18:21	21.66	81.8	5.95	2.0
SR12	12/21/2018 0:26	21.53	82.2	5.99	2.9	SR12	12/21/2018 6:26	21.52	80.4	5.86	1.6	SR12	12/21/2018 12:26	21.62	81.6	5.93	3.4	SR12	12/21/2018 18:26	21.66	81.3	5.91	4.9
SR12	12/21/2018 0:31	21.53	82.7	6.03	5.0	SR12	12/21/2018 6:31	21.52	80.3	5.86	5.4	SR12	12/21/2018 12:31	21.66	81.5	5.93	3.0	SR12	12/21/2018 18:31	21.70	81.0	5.89	3.8
SR12	12/21/2018 0:36	21.52	83.1	6.06	1.6	SR12	12/21/2018 6:36	21.51	80.4	5.86	3.0	SR12	12/21/2018 12:36	21.65	82.3	5.98	4.8	SR12	12/21/2018 18:36	21.67	81.4	5.91	3.8
SR12	12/21/2018 0:41	21.51	83.4	6.08	3.6	SR12	12/21/2018 6:41	21.51	80.4	5.86	5.2	SR12	12/21/2018 12:41	21.63	81.9	5.95	1.4	SR12	12/21/2018 18:41	21.66	81.1	5.90	4.3
SR12	12/21/2018 0:46	21.50	84.5	6.16	1.5	SR12	12/21/2018 6:46	21.50	81.0	5.90	1.2	SR12	12/21/2018 12:46	21.59	81.2	5.91	1.8	SR12	12/21/2018 18:46	21.66	80.4	5.84	4.3
SR12	12/21/2018 0:51	21.49	84.5	6.16	1.3	SR12	12/21/2018 6:51	21.51	80.8	5.89	1.8	SR12	12/21/2018 12:51	21.59	81.3	5.92	1.1	SR12	12/21/2018 18:51	21.65	80.4	5.85	4.3
SR12	12/21/2018 0:56	21.52	84.6	6.17	2.0	SR12	12/21/2018 6:56	21.50	81.0	5.91	4.6	SR12	12/21/2018 12:56	21.60	81.2	5.91	4.8	SR12	12/21/2018 18:56	21.65	81.2	5.91	3.3
SR12	12/21/2018 1:01	21.51	84.3	6.15	4.7	SR12	12/21/2018 7:01	21.50	81.0	5.90	2.8	SR12	12/21/2018 13:01	21.61	80.8	5.88	1.9	SR12	12/21/2018 19:01	21.65	81.1	5.90	2.8
SR12	12/21/2018 1:06	21.50	84.4	6.15	4.8	SR12	12/21/2018 7:06	21.51	80.4	5.86	2.2	SR12	12/21/2018 13:06	21.59	81.1	5.91	4.5	SR12	12/21/2018 19:06	21.64	81.0	5.89	3.0
SR12	12/21/2018 1:11	21.50	83.8	6.11	1.7	SR12	12/21/2018 7:11	21.51	80.7	5.88	5.5	SR12	12/21/2018 13:11	21.56	81.4	5.93	4.5	SR12	12/21/2018 19:11	21.65	80.0	5.82	4.6
SR12	12/21/2018 1:16	21.50	83.3	6.07	4.3	SR12	12/21/2018 7:16	21.51	80.8	5.89	4.4	SR12	12/21/2018 13:16	21.58	81.0	5.89	2.5	SR12	12/21/2018 19:16	21.65	79.2	5.76	3.2
SR12	12/21/2018 1:21	21.49	83.8	6.11	3.6	SR12	12/21/2018 7:21	21.52	80.5	5.87	3.1	SR12	12/21/2018 13:21	21.56	81.5	5.94	4.7	SR12	12/21/2018 19:21	21.64	79.6	5.79	3.6
SR12	12/21/2018 1:26	21.48	84.1	6.13	2.1	SR12	12/21/2018 7:26	21.51	80.4	5.86	4.3	SR12	12/21/2018 13:26	21.56	81.1	5.90	1.2	SR12	12/21/2018 19:26	21.64	80.6	5.86	5.3
SR12	12/21/2018 1:31	21.48	84.9	6.19	1.2	SR12	12/21/2018 7:31	21.51	80.6	5.88	3.8	SR12						SR12	12/21/2018 19:31	21.64	79.7	5.80	3.5
SR12	12/21/2018 1:36	21.47	85.3	6.22	3.4	SR12	12/21/2018 7:36	21.52	80.2	5.84	1.8	SR12						SR12	12/21/2018 19:36	21.65	79.6	5.79	4.2
SR12	12/21/2018 1:41	21.47	84.8	6.19	1.1	SR12	12/21/2018 7:41	21.51	80.8	5.89	3.7	SR12						SR12	12/21/2018 19:41	21.65	79.4	5.77	4.6
SR12	12/21/2018 1:46	21.48	84.8	6.18	2.4	SR12	12/21/2018 7:46	21.51	80.3	5.85	3.8	SR12						SR12	12/21/2018 19:46	21.67	79.2	5.76	2.9
SR12	12/21/2018 1:51	21.48	84.5	6.16	3.1	SR12	12/21/2018 7:51	21.50	80.5	5.87	5.2	SR12						SR12	12/21/2018 19:51	21.66	79.3	5.77	3.6
SR12	12/21/2018 1:56	21.48	84.5	6.16	3.9	SR12	12/21/2018 7:56	21.51	80.0	5.83	4.5	SR12						SR12	12/21/2018 19:56	21.67	79.6	5.79	5.3
SR12	12/21/2018 2:01	21.50	85.3	6.22	1.4	SR12	12/21/2018 8:01	21.51	79.4	5.79	1.9	SR12						SR12	12/21/2018 20:01	21.67	80.2	5.83	3.1
SR12	12/21/2018 2:06	21.48	85.0	6.20	3.7	SR12	12/21/2018 8:06	21.51	79.1	5.77	2.3	SR12						SR12	12/21/2018 20:06	21.66	80.5	5.85	2.6
SR12	12/21/2018 2:11	21.48	85.9	6.26	1.2	SR12	12/21/2018 8:11	21.50	80.3	5.85	2.4	SR12						SR12	12/21/2018 20:11	21.66	80.8	5.87	2.3
SR12	12/21/2018 2:16	21.46	85.6	6.24	4.5	SR12	12/21/2018 8:16	21.50	80.0	5.83	4.1	SR12						SR12	12/21/2018 20:16	21.67	80.3	5.83	5.5
SR12	12/21/2018 2:21	21.46	85.9	6.27	2.2	SR12	12/21/2018 8:21	21.50	79.7	5.81	2.0	SR12						SR12	12/21/2018 20:21	21.68	80.8	5.87	3.6
SR12	12/21/2018 2:26	21.45	86.0	6.28	2.0	SR12	12/21/2018 8:26	21.51	78.7	5.73	3.2	SR12						SR12	12/21/2018 20:26	21.66	81.1	5.90	4.6
SR12	12/21/2018 2:31	21.45	86.0	6.27	2.2	SR12	12/21/2018 8:31	21.50	78.1	5.69	5.0	SR12	12/21/2018 14:31	21.66	83.7	6.08	3.8	SR12	12/21/2018 20:31	21.66	81.2	5.90	1.8
SR12	12/21/2018 2:36	21.45	85.6	6.24	3.9	SR12	12/21/2018 8:36	21.50	79.6	5.80	5.3	SR12	12/21/2018 14:36	21.65	83.4	6.06	1.4	SR12	12/21/2018 20:36	21.65	81.6	5.93	1.4
SR12	12/21/2018 2:41	21.45	85.5	6.24	2.4	SR12	12/21/2018 8:41	21.50	79.8	5.81	3.1	SR12	12/21/2018 14:41	21.65	84.0	6.10	2.2	SR12	12/21/2018 20:41	21.65	81.0	5.89	5.4
SR12	12/21/2018 2:46	21.45	85.7	6.25	4.7	SR12	12/21/2018 8:46	21.51	78.6	5.73	2.0	SR12	12/21/2018 14:46	21.66	83.6	6.08	2.5	SR12	12/21/2018 20:46	21.68	80.9	5.88	3.9
SR12	12/21/2018 2:51	21.45	86.0	6.27	2.6	SR12	12/21/2018 8:51	21.52	79.1	5.76	4.4	SR12	12/21/2018 14:51	21.66	83.7	6.09	3.4	SR12	12/21/2018 20:51	21.66	80.7	5.87	1.8
SR12	12/21/2018 2:56	21.45	86.0	6.27	8.6	SR12	12/21/2018 8:56	21.52	79.2	5.77	3.5	SR12	12/21/2018 14:56	21.68	84.6	6.14	2.3	SR12	12/21/2018 20:56	21.64	81.5	5.93	1.9
SR12	12/21/2018 3:01	21.46	85.8	6.26	1.2	SR12	12/21/2018 9:01	21.52	80.3	5.85	1.2	SR12	12/21/2018 15:01	21.69	84.8	6.16	4.7	SR12	12/21/2018 21:01	21.64	81.2	5.91	5.1
SR12	12/21/2018 3:06	21.48	85.4	6.22	3.1	SR12	12/21/2018 9:06	21.51	79.9	5.82	3.4	SR12	12/21/2018 15:06	21.67	84.5	6.14	5.3	SR12	12/21/2018 21:06	21.64	80.7	5.87	2.3
SR12	12/21/2018 3:11	21.49	85.5	6.23	1.5	SR12	12/21/2018 9:11	21.51	80.7	5.88	5.1	SR12	12/21/2018 15:11	21.67	84.1	6.11	2.9	SR12	12/21/2018 21:11	21.64	81.2	5.91	5.4
SR12	12/21/2018 3:16	21.46	85.0	6.20	2.4	SR12	12/21/2018 9:16	21.52	80.7	5.88	3.8	SR12	12/21/2018 15:16	21.67	84.1	6.11	1.3	SR12	12/21/2018 21:16	21.64	80.6	5.86	4.2
SR12	12/21/2018 3:21	21.44	85.7	6.25	5.5	SR12	12/21/2018 9:21	21.53	80.4	5.86	5.5	SR12	12/21/2018 15:21	21.66	83.3	6.06	1.6	SR12	12/21/2018 21:21	21.64	80.3	5.84	4.7
SR12	12/21/2018 3:26	21.43	85.6	6.24	5.1	SR12	12/21/2018 9:26	21.55	80.4	5.86	1.7	SR12	12/21/2018 15:26	21.65	84.1	6.11	2.4	SR12	12/21/2018 21:26	21.67	80.5	5.85	1.8
SR12	12/21/2018 3:31	21.43	85.3	6.22	1.3	SR12	12/21/2018 9:31	21.53	79.9	5.82	1.8	SR12	12/21/2018 15:31	21.67	84.3	6.13	5.5	SR12	12/21/2018 21:31	21.66	80.6	5.86	5.4
SR12	12/21/2018 3:36	21.44	85.6	6.25	1.6	SR12	12/21/2018 9:36	21.54	81.1	5.91	3.7	SR12	12/21/2018 15:36	21.68	84.2	6.12	1.2	SR12	12/21/2018 21:36	21.67	81.1	5.90	1.6
SR12	12/21/2018 3:41	21.44	85.5	6.24	4.2	SR12	12/21/2018 9:41	21.53	81.4	5.93	1.5	SR12	12/21/2018 15:41	21.68	83.7	6.08	4.6	SR12	12/21/2018 21:41	21.65	81.0	5.89	1.4
SR12	12/21/2018 3:46	21.43	86.1	6.28	1.5	SR12	12/21/2018 9:46	21.52	81.4	5.93	3.6	SR12	12/21/2018 15:46	21.68	84.2	6.12	2.8	SR12	12/21/2018 21:46	21.65	80.6	5.86	2.0
SR12	12/21/2018 3:51	21.43	86.2	6.29	4.8	SR12	12/21/2018 9:51	21.53	80.7	5.88	2.1	SR12	12/21/2018 15:51	21.68	83.7	6.08	3.5	SR12	12/21/2018 21:51	21.64	80.5	5.85	1.1
SR12	12/21/2018 3:56	21.43	85.9	6.27	2.4	SR12	12/21/2018 9:56	21.56	80.9	5.89	3.8	SR12	12/21/2018 15:56	21.68	84.4	6.14	3.4	SR12	12/21/2018 21:56	21.65	80.4	5.84	2.6
SR12	12/21/2018 4:01	21.43	85.7	6.25	1.5	SR12	12/21/2018 10:01	21.55	81.0	5.90	2.5	SR12	12/21/2018 16:01	21.68	84.0	6.10	2.9	SR12	12/21/2018 22:01	21.65	80.3	5.84	3.0
SR12	12/21/2018 4:06	21.43	85.8	6.26	2.5	SR12	12/21/2018 10:06	21.55	80.6	5.87	1.6	SR12	12/21/2018 16:06	21.68	83.7	6.09	2.9	SR12	12/21/2018 22:06	21.65	80.6	5.86	4.2
SR12	12/21/2018 4:11	21.43	85.6	6.24	4.9	SR12	12/21/2018 10:11	21.55	80.8	5.89	1.2	SR12	12/21/2018 16:11	21.68	83.7	6.08	1.5	SR12	12/21/2018 22:11	21.65	81.0	5.89	3.0
SR12	12/21/2018 4:16	21.43	85.4	6.23	1.8	SR12	12/21/2018 10:16	21.57	80.5	5.86	4.8	SR12	12/21/2018 16:16	21.71	83.6	6.07	4.6	SR12	12/21/2018 22:16	21.65	80.5	5.86	2.2
SR12	12/21/2018 4:21	21.44	85.3	6.22	2.6	SR12	12/21/2018 10:21	21.55	80.2	5.85	3.4	SR12	12/21/2018 16:21	21.71	83.7	6.08	2.5	SR12	12/21/2018 22:21	21.65	80.4	5.84	3.0
SR12	12/21/2018 4:26	21.46	85.2	6.21	1.4	SR12	12/21/2018 10:26	21.55	80.4	5.85	3.6	SR12	12/21/2018 16:26	21.74	83.3	6.05	1.7	SR12	12/21/2018 22:26	21.65	80.6	5.86	3.1
SR12	12/21/2018 4:31	21.48	84.4	6.15	4.1	SR12	12/21/2018 10:31	21.57	80.7	5.88	2.4	SR12	12/21/2018 16:31	21.73	83.4	6.06	1.5	SR12	12/21/2018 22:31	21.65	80.7	5.87	3.0
SR12	12/21/2018 4:36	21.48	83.8	6.11	3.1	SR12	12/21/2018 10:36	21.55	80.8	5.89	1.4	SR12	12/21/2018 16:36	21.71	82.8	6.01	1.6	SR12	12/21/2018 22:36	21.64	80.9	5.89	4.9
SR12	12/21/2018 4:41	21.49	83.1	6.06	1.5	SR12	12/21/2018 10:41	21.55	80.9	5.89	2.5	SR12	12/21/2018 16:41	21.71	82.6	6.00	4.2	SR12	12/21/2018 22:41	21.65	80.0	5.82	1.1
SR12	12/21/2018 4:46	21.49	82.5	6.01	4.5	SR12	12/21/2018 10:46	21.58	81.0	5.89	1.7	SR12	12/21/2018 16:46	21.70	82.4	5.99	2.8	SR12	12/21/2018 22:46	21.64	80.7	5.87	1.4
SR12	12/21/2018 4:51	21.53	81.8	5.96	4.7	SR12	12/21/2018 10:51	21.59	81.5	5.93	4.9	SR12	12/21/2018 16:51	21.70	82.1	5.96	1.1	SR12	12/21/2018 22:51	21.64	80.5	5.85	3.9
SR12	12/21/2018 4:56	21.51	82.0	5.97	4.8	SR12	12/21/2018 10:56	21.60	81.8	5.95	5.3	SR12	12/21/2018 16:56	21.68	82.6	6.00	2.6	SR12	12/21/2018 22:56	21.64	80.7	5.87	1.3
SR12	12/21/2018 5:01	21.50	82.4	6.00	2.6	SR12	12/21/2018 11:01	21.59	81.5	5.93	2.4	SR12	12/21/2018 17:01	21.68	82.5	5.99	1.7	SR12	12/21/2018 23:01	21.64	81.1	5.90	2.0
SR12	12/21/2018 5:06	21.51	81.7	5.95	3.9	SR12	12/21/2018 11:06	21.60	81.5	5.93	2.4	SR12	12/21/2018 17:06	21.68	81.9	5.95	1.9	SR12	12/21/2018 23:06	21.64	80.4	5.85	1.3
SR12	12/21/2018 5:11	21.50	82.1	5.99	3.6	SR12	12/21/2018 11:11	21.65	81.5	5.93	4.9	SR12	12/21/2018 17:11	21.71	81.9	5.95	4.6	SR12	12/21/2018 23:11	21.64	80.2	5.83	6.3
SR12	12/21/2018 5:16	21.50	81.9	5.97	2.7	SR12	12/21/2018 11:16	21.61	81.2	5.91	3.4	SR12	12/21/2018 17:16	21.71	82.0	5.96	2.3	SR12	12/21/2018 23:16	21.64	80.1	5.83	2.1
SR12	12/21/2018 5:21	21.50	81.4	5.93	2.5	SR12	12/21/2018 11:21	21.60	81.3	5.92	2.7	SR12	12/21/2018 17:21	21.70	82.5	5.99	5.2	SR12	12/21/2018 23:21	21.63	81.9	5.96	3.1
SR12	12/21/2018 5:26	21.53	81.5	5.94	5.1	SR12	12/21/2018 11:26	21.58	81.4	5.93	5.3	SR12	12/21/2018 17:26	21.72	81.8	5.94	3.6	SR12	12/21/2018 23:26	21.63	81.7	5.94	3.7
SR12	12/21/2018 5:31	21.52	81.3	5.92	3.6	SR12	12/21/2018 11:31	21.60	81.5	5.93	4.1	SR12	12/21/2018 17:31	21.73	82.2	5.97	3.3	SR12	12/21/2018 23:31	21.63	81.6	5.93	3.8
SR12	12/21/2018 5:36	21.51	81.4	5.93	2.6	SR12	12/21/2018 11:36	21.63	81.6	5.93	4.8	SR12	12/21/2018 17:36	21.72	81.5	5.92	4.3	SR12	12/21/2018 23:36	21.62	82.5	6.01	2.8
SR12	12/21/2018 5:41	21.51	81.4	5.93	2.2	SR12	12/21/2018 11:41	21.58	81.2	5.91	5.0	SR12	12/21/2018 17:41	21.69	82.3	5.98	3.1	SR12	12/21/2018 23:41	21.62	81.8	5.95	2.2
SR12	12/21/2018 5:46	21.52	80.4	5.86	1.7	SR12	12/21/2018 11:46	21.57	81.3	5.92	2.7	SR12	12/21/2018 17:46	21.69	81.9	5.95	1.4	SR12	12/21/2018 23:46	21.62	82.4	5.99	5.5
SR12	12/21/2018 5:51	21.52	80.0	5.83	2.9	SR12	12/21/2018 11:51	21.58	82.7	6.02	1.2	SR12	12/21/2018 17:51	21.71	81.7	5.94	4.7	SR12	12/21/2018 23:51	21.62	82.0	5.97	3.4
SR12	12/21/2018 5:56	21.52	80.5	5.87	2.2	SR12	12/21/2018 11:56	21.62	82.0	5.97	5.1	SR12	12/21/2018 17:56	21.69	81.5	5.92	2.0	SR12	12/21/2018 23:56	21.64	82.2	5.98	4.6

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/21/2018 0:00	21.23	82.1	5.91	4.8	SR13	12/21/2018 6:00	21.09	84.0	6.06	5.4	SR13	12/21/2018 12:00	21.24	82.9	5.99	4.8	SR13	12/21/2018 18:00	21.23	80.9	5.84	6.0
SR13	12/21/2018 0:05	21.17	82.4	5.93	5.8	SR13	12/21/2018 6:05	21.11	84.5	6.09	4.4	SR13	12/21/2018 12:05	21.14	80.2	5.79	4.8	SR13	12/21/2018 18:05	21.26	81.7	5.90	7.0
SR13	12/21/2018 0:10	21.17	81.4	5.86	6.8	SR13	12/21/2018 6:10	21.08	83.5	6.02	6.5	SR13	12/21/2018 12:10	21.15	80.3	5.80	5.0	SR13	12/21/2018 18:10	21.28	81.2	5.86	6.8
SR13	12/21/2018 0:15	21.24	81.5	5.87	6.1	SR13	12/21/2018 6:15	21.07	84.9	6.11	5.9	SR13	12/21/2018 12:15	21.17	82.9	5.98	6.3	SR13	12/21/2018 18:15	21.29	81.2	5.86	7.3
SR13	12/21/2018 0:20	21.17	81.9	5.90	5.0	SR13	12/21/2018 6:20	21.09	85.4	6.15	4.9	SR13	12/21/2018 12:20	21.19	81.9	5.91	7.0	SR13	12/21/2018 18:20	21.30	82.7	5.97	6.6
SR13	12/21/2018 0:25	21.18	82.5	5.94	6.4	SR13	12/21/2018 6:25	21.10	84.9	6.12	5.3	SR13	12/21/2018 12:25	21.22	81.7	5.90	7.1	SR13	12/21/2018 18:25	21.31	80.0	5.78	6.1
SR13	12/21/2018 0:30	21.16	82.6	5.95	7.0	SR13	12/21/2018 6:30	21.13	82.3	5.93	4.1	SR13	12/21/2018 12:30	21.16	81.2	5.86	4.6	SR13	12/21/2018 18:30	21.30	80.5	5.81	6.8
SR13	12/21/2018 0:35	21.18	83.2	5.99	7.8	SR13	12/21/2018 6:35	21.15	83.9	6.04	6.1	SR13	12/21/2018 12:35	21.14	81.6	5.89	6.3	SR13	12/21/2018 18:35	21.26	82.1	5.93	8.0
SR13	12/21/2018 0:40	21.20	84.7	6.10	4.4	SR13	12/21/2018 6:40	21.08	83.9	6.04	7.0	SR13	12/21/2018 12:40	21.15	81.4	5.87	7.5	SR13	12/21/2018 18:40	21.32	80.1	5.78	6.7
SR13	12/21/2018 0:45	21.16	82.9	5.97	6.9	SR13	12/21/2018 6:45	21.16	85.1	6.13	5.0	SR13	12/21/2018 12:45	21.18	81.5	5.88	3.6	SR13	12/21/2018 18:45	21.31	80.0	5.77	7.8
SR13	12/21/2018 0:50	21.15	83.8	6.03	5.0	SR13	12/21/2018 6:50	21.16	82.2	5.92	4.1	SR13	12/21/2018 12:50	21.18	81.7	5.90	4.7	SR13	12/21/2018 18:50	21.26	79.9	5.77	5.9
SR13	12/21/2018 0:55	21.15	84.7	6.10	6.9	SR13	12/21/2018 6:55	21.15	82.7	5.96	7.0	SR13	12/21/2018 12:55	21.22	81.7	5.90	3.9	SR13	12/21/2018 18:55	21.25	82.6	5.96	6.4
SR13	12/21/2018 1:00	21.23	85.2	6.10	6.0	SR13	12/21/2018 7:00	21.11	84.2	6.06	5.6	SR13	12/21/2018 13:00	21.25	79.1	5.71	4.9	SR13	12/21/2018 19:00	21.28	82.4	5.95	6.3
SR13	12/21/2018 1:05	21.20	84.6	6.06	5.4	SR13	12/21/2018 7:05	21.07	83.3	6.00	7.5	SR13	12/21/2018 13:05	21.23	79.9	5.77	3.7	SR13	12/21/2018 19:05	21.30	81.0	5.85	7.3
SR13	12/21/2018 1:10	21.15	87.5	6.26	6.2	SR13	12/21/2018 7:10	21.10	82.9	5.97	6.0	SR13	12/21/2018 13:10	21.20	79.1	5.71	5.8	SR13	12/21/2018 19:10	21.27	82.2	5.94	8.1
SR13	12/21/2018 1:15	21.16	84.5	6.05	7.5	SR13	12/21/2018 7:15	21.14	83.6	6.03	5.8	SR13	12/21/2018 13:15	21.20	81.6	5.88	6.1	SR13	12/21/2018 19:15	21.31	80.7	5.83	6.4
SR13	12/21/2018 1:20	21.16	84.1	6.06	3.9	SR13	12/21/2018 7:20	21.09	84.0	6.05	5.9	SR13	12/21/2018 13:20	21.22	79.4	5.73	7.5	SR13	12/21/2018 19:20	21.29	80.4	5.80	6.7
SR13	12/21/2018 1:25	21.13	84.6	6.09	6.3	SR13	12/21/2018 7:25	21.14	85.5	6.13	8.1	SR13	12/21/2018 13:25	21.20	81.8	5.90	5.2	SR13	12/21/2018 19:25	21.28	81.1	5.85	7.4
SR13	12/21/2018 1:30	21.16	85.4	6.15	6.5	SR13	12/21/2018 7:30	21.15	86.6	6.21	4.6	SR13	12/21/2018 13:30	21.17	82.9	5.98	5.8	SR13	12/21/2018 19:30	21.25	78.7	5.68	8.1
SR13	12/21/2018 1:35	21.15	83.9	6.04	5.1	SR13	12/21/2018 7:35	21.08	84.1	6.02	5.6	SR13	12/21/2018 13:35	21.16	80.7	5.83	6.3	SR13	12/21/2018 19:35	21.26	79.6	5.75	7.6
SR13	12/21/2018 1:40	21.19	83.0	5.98	4.5	SR13	12/21/2018 7:40	21.12	85.8	6.14	7.3	SR13	12/21/2018 13:40	21.24	82.8	5.97	5.4	SR13	12/21/2018 19:40	21.27	79.9	5.78	7.3
SR13	12/21/2018 1:45	21.12	85.1	6.14	7.7	SR13	12/21/2018 7:45	21.11	84.7	6.06	4.7	SR13	12/21/2018 13:45	21.18	80.7	5.82	6.6	SR13	12/21/2018 19:45	21.25	79.2	5.72	7.3
SR13	12/21/2018 1:50	21.17	83.8	6.03	6.2	SR13	12/21/2018 7:50	21.13	86.2	6.17	4.4	SR13	12/21/2018 13:50	21.21	79.6	5.74	7.1	SR13	12/21/2018 19:50	21.27	78.5	5.67	5.7
SR13	12/21/2018 1:55	21.14	84.1	6.11	3.9	SR13	12/21/2018 7:55	21.15	82.9	5.97	6.9	SR13	12/21/2018 13:55	21.27	81.1	5.85	7.2	SR13	12/21/2018 19:55	21.31	80.6	5.82	6.5
SR13	12/21/2018 2:00	21.11	84.0	6.13	6.6	SR13	12/21/2018 8:00	21.12	85.0	6.12	7.7	SR13	12/21/2018 14:00	21.23	79.2	5.72	6.8	SR13	12/21/2018 20:00	21.24	80.8	5.83	6.3
SR13	12/21/2018 2:05	21.15	84.2	6.14	5.7	SR13	12/21/2018 8:05	21.08	82.5	5.95	6.7	SR13	12/21/2018 14:05	21.20	81.9	5.91	5.4	SR13	12/21/2018 20:05	21.27	79.4	5.74	7.4
SR13	12/21/2018 2:10	21.14	85.4	6.23	7.5	SR13	12/21/2018 8:10	21.16	84.5	6.09	6.3	SR13	12/21/2018 14:10	21.17	81.5	5.88	4.3	SR13	12/21/2018 20:10	21.24	81.1	5.86	7.8
SR13	12/21/2018 2:15	21.16	86.5	6.33	6.0	SR13	12/21/2018 8:15	21.17	84.0	6.05	5.0	SR13	12/21/2018 14:15	21.22	81.6	5.88	5.3	SR13	12/21/2018 20:15	21.26	81.0	5.85	5.8
SR13	12/21/2018 2:20	21.17	85.8	6.28	7.1	SR13	12/21/2018 8:20	21.09	84.3	6.07	4.7	SR13	12/21/2018 14:20	21.18	81.9	5.91	7.0	SR13	12/21/2018 20:20	21.27	78.4	5.66	6.4
SR13	12/21/2018 2:25	21.17	84.6	6.20	5.6	SR13	12/21/2018 8:25	21.17	83.1	5.99	7.3	SR13	12/21/2018 14:25	21.16	80.0	5.78	5.0	SR13	12/21/2018 20:25	21.25	77.9	5.62	7.0
SR13	12/21/2018 2:30	21.15	87.2	6.38	6.6	SR13	12/21/2018 8:30	21.11	84.4	6.08	7.0	SR13	12/21/2018 14:30	21.27	82.1	5.92	5.1	SR13	12/21/2018 20:30	21.30	78.6	5.68	6.0
SR13	12/21/2018 2:35	21.14	84.9	6.21	5.1	SR13	12/21/2018 8:35	21.13	85.7	6.18	6.8	SR13	12/21/2018 14:35	21.23	81.1	5.85	6.3	SR13	12/21/2018 20:35	21.24	78.4	5.66	6.3
SR13	12/21/2018 2:40	21.11	84.7	6.20	7.4	SR13	12/21/2018 8:40	21.14	84.9	6.11	6.2	SR13	12/21/2018 14:40	21.23	80.7	5.82	5.8	SR13	12/21/2018 20:40	21.23	80.5	5.81	7.6
SR13	12/21/2018 2:45	21.05	84.8	6.21	4.7	SR13	12/21/2018 8:45	21.07	82.9	5.97	6.3	SR13	12/21/2018 14:45	21.25	82.4	5.94	3.8	SR13	12/21/2018 20:45	21.25	81.6	5.89	7.2
SR13	12/21/2018 2:50	21.10	84.4	6.18	5.6	SR13	12/21/2018 8:50	21.15	83.7	6.03	6.2	SR13	12/21/2018 14:50	21.20	80.4	5.80	7.0	SR13	12/21/2018 20:50	21.30	81.2	5.86	6.0
SR13	12/21/2018 2:55	21.13	88.1	6.44	3.9	SR13	12/21/2018 8:55	21.07	82.3	5.93	6.4	SR13	12/21/2018 14:55	21.28	82.0	5.91	6.2	SR13	12/21/2018 20:55	21.30	78.6	5.68	6.3
SR13	12/21/2018 3:00	21.02	86.8	6.34	7.6	SR13	12/21/2018 9:00	21.13	82.3	5.93	6.2	SR13	12/21/2018 15:00	21.26	82.4	5.94	6.5	SR13	12/21/2018 21:00	21.27	80.1	5.78	7.4
SR13	12/21/2018 3:05	21.05	85.4	6.25	6.0	SR13	12/21/2018 9:05	21.12	84.0	6.05	6.8	SR13	12/21/2018 15:05	21.23	81.5	5.87	6.4	SR13	12/21/2018 21:05	21.28	78.6	5.67	7.4
SR13	12/21/2018 3:10	21.06	86.5	6.33	5.8	SR13	12/21/2018 9:10	21.07	81.6	5.87	4.2	SR13	12/21/2018 15:10	21.18	82.4	5.94	3.9	SR13	12/21/2018 21:10	21.31	79.6	5.75	7.3
SR13	12/21/2018 3:15	21.11	86.8	6.35	5.6	SR13	12/21/2018 9:15	21.06	83.5	6.02	5.6	SR13	12/21/2018 15:15	21.18	81.5	5.88	6.0	SR13	12/21/2018 21:15	21.25	81.4	5.87	6.7
SR13	12/21/2018 3:20	21.05	84.7	6.20	5.7	SR13	12/21/2018 9:20	21.15	82.3	5.93	6.1	SR13	12/21/2018 15:20	21.24	81.8	5.90	4.3	SR13	12/21/2018 21:20	21.23	78.7	5.68	6.6
SR13	12/21/2018 3:25	21.01	87.8	6.42	5.6	SR13	12/21/2018 9:25	21.14	84.5	6.09	6.6	SR13	12/21/2018 15:25	21.24	80.4	5.80	4.8	SR13	12/21/2018 21:25	21.26	79.1	5.71	6.6
SR13	12/21/2018 3:30	21.10	88.0	6.43	7.9	SR13	12/21/2018 9:30	21.16	83.3	6.00	6.2	SR13	12/21/2018 15:30	21.23	80.6	5.81	4.3	SR13	12/21/2018 21:30	21.31	81.0	5.85	7.7
SR13	12/21/2018 3:35	21.11	86.8	6.35	7.0	SR13	12/21/2018 9:35	21.16	82.0	5.90	7.0	SR13	12/21/2018 15:35	21.23	81.0	5.85	5.4	SR13	12/21/2018 21:35	21.30	80.5	5.81	5.1
SR13	12/21/2018 3:40	21.09	85.4	6.25	8.9	SR13	12/21/2018 9:40	21.11	84.9	6.11	5.9	SR13	12/21/2018 15:40	21.19	83.7	6.04	4.6	SR13	12/21/2018 21:40	21.24	81.4	5.88	5.8
SR13	12/21/2018 3:45	21.08	86.0	6.29	5.0	SR13	12/21/2018 9:45	21.14	83.8	6.04	4.8	SR13	12/21/2018 15:45	21.23	81.9	5.91	6.9	SR13	12/21/2018 21:45	21.31	80.1	5.79	6.4
SR13	12/21/2018 3:50	21.04	87.2	6.38	6.5	SR13	12/21/2018 9:50	21.09	82.1	5.91	6.9	SR13	12/21/2018 15:50	21.27	81.6	5.89	7.9	SR13	12/21/2018 21:50	21.27	80.9	5.84	5.1
SR13	12/21/2018 3:55	21.06	84.7	6.20	5.1	SR13	12/21/2018 9:55	21.08	83.0	5.98	7.1	SR13	12/21/2018 15:55	21.22	83.2	6.00	5.4	SR13	12/21/2018 21:55	21.27	82.2	5.93	7.7
SR13	12/21/2018 4:00	21.03	85.5	6.26	5.0	SR13	12/21/2018 10:00	21.09	84.0	6.05	7.1	SR13	12/21/2018 16:00	21.26	80.6	5.81	6.3	SR13	12/21/2018 22:00	21.28	79.7	5.75	7.6
SR13	12/21/2018 4:05	21.02	84.4	6.18	7.1	SR13	12/21/2018 10:05	21.18	85.0	6.12	6.3	SR13	12/21/2018 16:05	21.23	80.1	5.78	4.7	SR13	12/21/2018 22:05	21.29	80.6	5.82	7.2
SR13	12/21/2018 4:10	21.10	85.5	6.25	5.6	SR13	12/21/2018 10:10	21.13	82.6	5.95	5.2	SR13	12/21/2018 16:10	21.26	81.5	5.88	6.1	SR13	12/21/2018 22:10	21.29	78.5	5.67	5.2
SR13	12/21/2018 4:15	21.08	86.1	6.30	6.2	SR13	12/21/2018 10:15	21.12	81.5	5.87	4.2	SR13						SR13	12/21/2018 22:15	21.29	79.7	5.76	7.3
SR13	12/21/2018 4:20	21.10	85.3	6.24	4.2	SR13	12/21/2018 10:20	21.09	83.9	6.05	5.0	SR13						SR13	12/21/2018 22:20	21.27	79.3	5.73	6.7
SR13	12/21/2018 4:25	21.03	84.0	6.14	5.8	SR13	12/21/2018 10:25	21.15	83.5	6.02	6.7	SR13						SR13	12/21/2018 22:25	21.28	81.0	5.85	4.9
SR13	12/21/2018 4:30	21.07	86.7	6.33	5.3	SR13	12/21/2018 10:30	21.09	84.1	6.06	6.1	SR13						SR13	12/21/2018 22:30	21.31	81.7	5.90	6.6
SR13	12/21/2018 4:35	21.00	86.9	6.34	7.1	SR13	12/21/2018 10:35	21.17	84.4	6.07	4.4	SR13	12/21/2018 16:35	21.23	80.5	5.80	5.1	SR13	12/21/2018 22:35	21.27	79.0	5.70	4.8
SR13	12/21/2018 4:40	21.01	84.1	6.13	4.5	SR13	12/21/2018 10:40	21.14	82.4	5.93	11.7	SR13	12/21/2018 16:40	21.31	81.1	5.86	4.9	SR13	12/21/2018 22:40	21.26	82.0	5.92	6.1
SR13	12/21/2018 4:45	21.08	86.2	6.27	6.4	SR13	12/21/2018 10:45	21.12	84.6	6.09	7.3	SR13	12/21/2018 16:45	21.29	81.1	5.86	5.0	SR13	12/21/2018 22:45	21.33	81.7	5.90	6.8
SR13	12/21/2018 4:50	21.01	87.2	6.34	6.8	SR13	12/21/2018 10:50	21.19	84.7	6.10	4.0	SR13	12/21/2018 16:50	21.22	83.8	6.05	4.7	SR13	12/21/2018 22:50	21.31	80.3	5.80	7.3
SR13	12/21/2018 4:55	21.03	85.2	6.14	6.7	SR13	12/21/2018 10:55	21.20	81.9	5.92	6.5	SR13	12/21/2018 16:55	21.19	81.3	5.87	4.8	SR13	12/21/2018 22:55	21.25	78.4	5.66	6.2
SR13	12/21/2018 5:00	21.07	85.8	6.18	4.8	SR13	12/21/2018 11:00	21.12	81.7	5.90	5.3	SR13	12/21/2018 17:00	21.23	83.0	5.99	7.4	SR13	12/21/2018 23:00	21.24	78.6	5.68	5.3
SR13	12/21/2018 5:05	21.08	85.8	6.18	6.2	SR13	12/21/2018 11:05	21.13	82.8	5.98	6.9	SR13	12/21/2018 17:05	21.20	82.9	5.99	5.7	SR13	12/21/2018 23:05	21.26	82.1	5.92	5.6
SR13	12/21/2018 5:10	21.11	84.3	6.07	4.5	SR13	12/21/2018 11:10	21.18	81.0	5.85	5.5	SR13	12/21/2018 17:10	21.20	84.1	6.07	4.1	SR13	12/21/2018 23:10	21.31	80.0	5.78	7.1
SR13	12/21/2018 5:15	21.10	85.8	6.18	5.7	SR13	12/21/2018 11:15	21.16	83.1	6.00	4.1	SR13	12/21/2018 17:15	21.23	82.8	5.98	4.6	SR13	12/21/2018 23:15	21.24	82.2	5.93	5.2
SR13	12/21/2018 5:20	21.03	83.6	6.03	7.5	SR13	12/21/2018 11:20	21.17	82.2	5.94	3.7	SR13	12/21/2018 17:20	21.20	81.6	5.89	5.2	SR13	12/21/2018 23:20	21.26	79.2	5.72	7.5
SR13	12/21/2018 5:25	21.02	84.0	6.06	4.3	SR13	12/21/2018 11:25	21.22	80.9	5.85	6.6	SR13	12/21/2018 17:25	21.28	82.9	5.98	6.0	SR13	12/21/2018 23:25	21.28	81.9	5.92	5.7
SR13	12/21/2018 5:30	21.12	84.1	6.06	5.3	SR13	12/21/2018 11:30	21.15	83.0	5.99	5.2	SR13	12/21/2018 17:30	21.28	80.9	5.84	6.1	SR13	12/21/2018 23:30	21.26	78.3	5.66	5.0
SR13	12/21/2018 5:35	21.06	84.1	6.06	5.8	SR13	12/21/2018 11:35	21.23	83.4	6.02	6.0	SR13	12/21/2018 17:35	21.26	81.9	5.91	3.5	SR13	12/21/2018 23:35	21.25	80.8	5.84	7.1
SR13	12/21/2018 5:40	21.10	85.1	6.13	4.9	SR13	12/21/2018 11:40	21.16	81.9	5.91	6.2	SR13	12/21/2018 17:40	21.18	81.4	5.88	5.5	SR13	12/21/2018 23:40	21.30	80.6	5.82	4.9
SR13	12/21/2018 5:45	21.12	84.3	6.08	6.5	SR13	12/21/2018 11:45	21.20	83.2	6.00	5.2	SR13	12/21/2018 17:45	21.17	81.5	5.88	4.2	SR13	12/21/2018 23:45	21.31	79.2	5.72	5.2
SR13	12/21/2018 5:50	21.06	83.3	6.00	5.5	SR13	12/21/2018 11:50	21.21	82.2	5.93	6.1	SR13	12/21/2018 17:50	21.21	83.0	5.99	6.7	SR13	12/21/2018 23:50	21.29	80.0	5.78	5.8
SR13	12/21/2018 5:55	21.04	86.1	6.20	5.1	SR13	12/21/2018 11:55	21.20	80.2	5.80	5.9	SR13	12/21/2018 17:55	21.28	81.7	5.90	7.9	SR13	12/21/2018 23:55	21.25	79.8	5.76	7.7

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	12/21/2018 0:17	0.08				SR12	12/21/2018 0:17	0.08			
SR4	12/21/2018 0:37	0.08				SR12	12/21/2018 0:37	0.07			
SR4	12/21/2018 0:57	0.08				SR12	12/21/2018 0:57	0.09			
SR4	12/21/2018 1:17	0.09				SR12	12/21/2018 1:17	0.01			
SR4	12/21/2018 1:37	0.07				SR12	12/21/2018 1:37	0.08			
SR4	12/21/2018 1:57	0.07				SR12	12/21/2018 1:57	0.10			
SR4	12/21/2018 2:17	0.09				SR12	12/21/2018 2:17	0.08			
SR4	12/21/2018 2:37	0.08				SR12	12/21/2018 2:37	0.08			
SR4	12/21/2018 2:57	0.07				SR12	12/21/2018 2:57	0.10			
SR4	12/21/2018 3:17	0.08				SR12	12/21/2018 3:17	0.11			
SR4	12/21/2018 3:37	0.06				SR12	12/21/2018 3:37	0.09			
SR4	12/21/2018 3:57	0.06				SR12	12/21/2018 3:57	0.05			
SR4	12/21/2018 4:17	0.09				SR12	12/21/2018 4:17	0.07			
SR4	12/21/2018 4:37	0.08				SR12	12/21/2018 4:37	0.10			
SR4	12/21/2018 4:57	0.07				SR12	12/21/2018 4:57	0.07			
SR4	12/21/2018 5:17	0.02				SR12	12/21/2018 5:17	0.04			
SR4	12/21/2018 5:37	0.07				SR12	12/21/2018 5:37	0.05			
SR4	12/21/2018 5:57	0.08				SR12	12/21/2018 5:57	0.04			
SR4						SR12					
SR4	12/21/2018 6:37	0.07				SR12	12/21/2018 6:37	0.08			
SR4	12/21/2018 6:57	0.08				SR12	12/21/2018 6:57	0.05			
SR4	12/21/2018 7:17	0.09				SR12	12/21/2018 7:17	0.08			
SR4	12/21/2018 7:37	0.07				SR12	12/21/2018 7:37	0.09			
SR4	12/21/2018 7:57	0.06				SR12	12/21/2018 7:57	0.04			
SR4	12/21/2018 8:17	0.08				SR12	12/21/2018 8:17	0.08			
SR4	12/21/2018 8:37	0.08				SR12	12/21/2018 8:37	0.08			
SR4	12/21/2018 8:57	0.06				SR12	12/21/2018 8:57	0.04			
SR4	12/21/2018 9:17	0.06				SR12	12/21/2018 9:17	0.09			
SR4	12/21/2018 9:37	0.06				SR12	12/21/2018 9:37	0.07			
SR4	12/21/2018 9:57	0.06				SR12	12/21/2018 9:57	0.07			
SR4						SR12	12/21/2018 10:17	0.08			
SR4						SR12	12/21/2018 10:37	0.11			
SR4						SR12	12/21/2018 10:57	0.09			
SR4						SR12	12/21/2018 11:17	0.11			
SR4						SR12	12/21/2018 11:37	0.07			
SR4	12/21/2018 11:57	0.06				SR12	12/21/2018 11:57	0.07			
SR4	12/21/2018 12:17	0.08				SR12	12/21/2018 12:17	0.06			
SR4	12/21/2018 12:37	0.08				SR12	12/21/2018 12:37	0.08			
SR4	12/21/2018 12:57	0.06				SR12	12/21/2018 12:57	0.07			
SR4	12/21/2018 13:17	0.07				SR12	12/21/2018 13:17	0.07			
SR4	12/21/2018 13:37	0.07				SR12					
SR4	12/21/2018 13:57	0.06				SR12					
SR4	12/21/2018 14:17	0.07				SR12					
SR4	12/21/2018 14:37	0.09				SR12					
SR4	12/21/2018 14:57	0.08				SR12					
SR4	12/21/2018 15:17	0.09				SR12	12/21/2018 15:17	0.07			
SR4	12/21/2018 15:37	0.07				SR12	12/21/2018 15:37	0.10			
SR4	12/21/2018 15:57	0.09				SR12	12/21/2018 15:57	0.04			
SR4	12/21/2018 16:17	0.07				SR12	12/21/2018 16:17	0.07			
SR4	12/21/2018 16:37	0.08				SR12	12/21/2018 16:37	0.09			
SR4	12/21/2018 16:57	0.08				SR12	12/21/2018 16:57	0.10			
SR4	12/21/2018 17:17	0.07				SR12	12/21/2018 17:17	0.09			
SR4	12/21/2018 17:37	0.06				SR12	12/21/2018 17:37	0.05			
SR4	12/21/2018 17:57	0.06				SR12	12/21/2018 17:57	0.08			
SR4	12/21/2018 18:17	0.07				SR12	12/21/2018 18:17	0.10			
SR4	12/21/2018 18:37	0.09				SR12	12/21/2018 18:37	0.11			
SR4	12/21/2018 18:57	0.07				SR12	12/21/2018 18:57	0.09			
SR4	12/21/2018 19:17	0.07				SR12	12/21/2018 19:17	0.10			
SR4	12/21/2018 19:37	0.09				SR12	12/21/2018 19:37	0.08			
SR4	12/21/2018 19:57	0.06				SR12	12/21/2018 19:57	0.08			
SR4	12/21/2018 20:17	0.06				SR12	12/21/2018 20:17	0.07			
SR4	12/21/2018 20:37	0.09				SR12	12/21/2018 20:37	0.06			
SR4	12/21/2018 20:57	0.08				SR12	12/21/2018 20:57	0.08			
SR4	12/21/2018 21:17	0.08				SR12	12/21/2018 21:17	0.05			
SR4	12/21/2018 21:37	0.07				SR12	12/21/2018 21:37	0.10			
SR4	12/21/2018 21:57	0.09				SR12	12/21/2018 21:57	0.09			
SR4	12/21/2018 22:17	0.09				SR12	12/21/2018 22:17	0.08			
SR4	12/21/2018 22:37	0.09				SR12	12/21/2018 22:37	0.08			
SR4	12/21/2018 22:57	0.08				SR12	12/21/2018 22:57	0.10			
SR4	12/21/2018 23:17	0.09				SR12	12/21/2018 23:17	0.10			
SR4	12/21/2018 23:37	0.08				SR12	12/21/2018 23:37	0.07			
SR4	12/21/2018 23:57	0.09				SR12	12/21/2018 23:57	0.08			

Remark: Fonts with underline: Action Level Exceedance
Fonts in Bold with underline: Limit Level Exceedance
Automatic Instrument calibration of NH3-N monitor was carried out during 5:57-6:37 at SR4 and SR12.
SR4 monitoring station was under maintenance during 10:16-11:31.
SR12 monitoring station was under maintenance during 13:26-14:31.
SR13 monitoring station was under maintenance during 16:10-16:35.

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/22/2018 0:01	20.92	76.0	5.61	4.6	SR4	12/22/2018 6:01	20.71	81.1	6.01	1.9	SR4	12/22/2018 12:01	20.94	86.7	6.40	2.1	SR4	12/22/2018 18:01	20.97	83.0	6.12	3.4
SR4	12/22/2018 0:06	20.91	77.4	5.71	1.0	SR4	12/22/2018 6:06	20.70	82.3	6.09	2.1	SR4	12/22/2018 12:06	20.90	85.6	6.32	2.3	SR4	12/22/2018 18:06	20.96	82.8	6.11	3.5
SR4	12/22/2018 0:11	20.89	79.3	5.85	1.1	SR4	12/22/2018 6:11	20.70	82.5	6.11	2.6	SR4	12/22/2018 12:11	20.91	85.5	6.31	3.0	SR4	12/22/2018 18:11	20.97	82.8	6.11	3.7
SR4	12/22/2018 0:16	20.89	78.6	5.80	1.6	SR4	12/22/2018 6:16	20.69	83.0	6.15	1.7	SR4	12/22/2018 12:16	20.89	85.3	6.29	1.5	SR4	12/22/2018 18:16	20.97	81.9	6.04	3.3
SR4	12/22/2018 0:21	20.92	73.4	5.42	3.5	SR4	12/22/2018 6:21	20.66	84.9	6.29	1.8	SR4	12/22/2018 12:21	21.09	84.2	6.19	1.5	SR4	12/22/2018 18:21	20.96	82.2	6.06	5.5
SR4	12/22/2018 0:26	20.90	77.9	5.75	1.0	SR4	12/22/2018 6:26	20.66	85.0	6.30	1.9	SR4	12/22/2018 12:26	21.00	84.3	6.21	2.1	SR4	12/22/2018 18:26	20.96	82.6	6.09	3.7
SR4	12/22/2018 0:31	21.01	70.4	5.19	3.7	SR4	12/22/2018 6:31	20.68	81.6	6.04	1.3	SR4	12/22/2018 12:31	20.98	84.5	6.23	1.9	SR4	12/22/2018 18:31	20.96	82.5	6.09	3.2
SR4	12/22/2018 0:36	21.14	56.1	4.12	1.7	SR4	12/22/2018 6:36	20.67	84.4	6.26	2.4	SR4	12/22/2018 12:36	21.20	82.6	6.08	1.3	SR4	12/22/2018 18:36	20.96	82.2	6.06	2.8
SR4	12/22/2018 0:41	21.01	63.8	4.70	2.1	SR4	12/22/2018 6:41	20.66	84.3	6.25	2.7	SR4	12/22/2018 12:41	21.08	82.7	6.09	1.2	SR4	12/22/2018 18:41	20.96	82.0	6.05	3.1
SR4	12/22/2018 0:46	20.98	70.2	5.17	3.6	SR4	12/22/2018 6:46	20.66	84.0	6.22	2.7	SR4	12/22/2018 12:46	21.03	82.7	6.10	1.7	SR4	12/22/2018 18:46	20.96	82.4	6.08	3.7
SR4	12/22/2018 0:51	21.00	68.2	5.02	3.8	SR4	12/22/2018 6:51	20.67	83.8	6.21	1.9	SR4	12/22/2018 12:51	21.04	83.4	6.15	2.3	SR4	12/22/2018 18:51	20.96	82.1	6.06	2.4
SR4	12/22/2018 0:56	21.00	69.6	5.13	2.6	SR4	12/22/2018 6:56	20.66	83.6	6.20	1.7	SR4	12/22/2018 12:56	21.03	82.5	6.08	4.3	SR4	12/22/2018 18:56	20.96	81.6	6.02	2.6
SR4	12/22/2018 1:01	21.01	70.9	5.23	2.4	SR4	12/22/2018 7:01	20.68	83.7	6.20	2.7	SR4	12/22/2018 13:01	21.04	84.2	6.21	2.3	SR4	12/22/2018 19:01	20.96	81.5	6.01	2.8
SR4	12/22/2018 1:06	21.01	70.2	5.17	1.5	SR4	12/22/2018 7:06	20.68	83.7	6.20	2.5	SR4	12/22/2018 13:06	21.06	83.8	6.17	1.6	SR4	12/22/2018 19:06	20.95	81.0	5.98	2.6
SR4	12/22/2018 1:11	21.11	66.6	4.90	3.9	SR4	12/22/2018 7:11	20.66	82.4	6.11	1.6	SR4	12/22/2018 13:11	21.07	83.6	6.16	1.3	SR4	12/22/2018 19:11	20.96	79.6	5.87	1.7
SR4	12/22/2018 1:16	21.12	67.3	4.95	1.2	SR4	12/22/2018 7:16	20.69	82.5	6.11	2.1	SR4	12/22/2018 13:16	21.09	84.5	6.22	1.5	SR4	12/22/2018 19:16	20.96	80.5	5.94	2.3
SR4	12/22/2018 1:21	21.12	61.8	4.55	2.1	SR4	12/22/2018 7:21	20.69	82.8	6.13	2.8	SR4	12/22/2018 13:21	21.14	84.4	6.21	1.5	SR4	12/22/2018 19:21	20.96	80.2	5.91	2.7
SR4	12/22/2018 1:26	21.02	66.6	4.90	2.7	SR4	12/22/2018 7:26	20.69	82.9	6.14	2.7	SR4	12/22/2018 13:26	21.22	84.5	6.21	1.7	SR4	12/22/2018 19:26	20.96	80.5	5.94	2.6
SR4	12/22/2018 1:31	20.95	70.7	5.21	1.3	SR4	12/22/2018 7:31	20.69	82.6	6.12	2.2	SR4	12/22/2018 13:31	21.24	83.8	6.15	1.3	SR4	12/22/2018 19:31	20.96	81.2	5.99	2.1
SR4	12/22/2018 1:36	20.97	66.5	4.90	5.2	SR4	12/22/2018 7:36	20.69	83.0	6.14	2.2	SR4	12/22/2018 13:36	21.32	84.0	6.16	1.3	SR4	12/22/2018 19:36	20.96	81.7	6.02	3.3
SR4	12/22/2018 1:41	20.97	64.8	4.77	1.5	SR4	12/22/2018 7:41	20.70	83.3	6.17	2.8	SR4	12/22/2018 13:41	21.28	83.6	6.13	3.3	SR4	12/22/2018 19:41	20.95	81.5	6.01	2.1
SR4	12/22/2018 1:46	20.95	64.5	4.75	1.1	SR4	12/22/2018 7:46	20.71	82.7	6.13	2.5	SR4	12/22/2018 13:46	21.28	83.7	6.14	1.7	SR4	12/22/2018 19:46	20.95	81.1	5.98	2.0
SR4	12/22/2018 1:51	21.10	49.7	4.37	2.3	SR4	12/22/2018 7:51	20.70	83.8	6.20	3.3	SR4	12/22/2018 13:51	21.41	83.6	6.12	5.1	SR4	12/22/2018 19:51	20.95	81.8	6.03	2.1
SR4	12/22/2018 1:56	21.01	64.3	5.67	3.4	SR4	12/22/2018 7:56	20.72	83.3	6.17	3.3	SR4	12/22/2018 13:56	21.40	81.5	5.97	1.8	SR4	12/22/2018 19:56	20.95	80.7	5.95	1.6
SR4	12/22/2018 2:01	20.16	86.2	7.75	1.8	SR4	12/22/2018 8:01	20.74	82.9	6.14	3.9	SR4	12/22/2018 14:01	21.30	81.6	5.98	2.5	SR4	12/22/2018 20:01	20.95	81.8	6.03	3.3
SR4	12/22/2018 2:06	19.69	99.1	8.99	4.8	SR4	12/22/2018 8:06	20.74	82.3	6.09	2.7	SR4	12/22/2018 14:06	21.37	82.4	6.04	1.3	SR4	12/22/2018 20:06	20.95	81.2	5.99	2.3
SR4	12/22/2018 2:11	19.54	100.0	9.10	4.7	SR4	12/22/2018 8:11	20.74	82.7	6.12	2.9	SR4	12/22/2018 14:11	21.19	82.8	6.08	1.8	SR4	12/22/2018 20:11	20.95	81.2	5.99	1.9
SR4	12/22/2018 2:16	19.51	99.9	9.10	4.3	SR4	12/22/2018 8:16	20.74	82.8	6.13	3.2	SR4	12/22/2018 14:16	21.09	82.7	6.09	1.7	SR4	12/22/2018 20:16	20.95	81.0	5.97	2.9
SR4	12/22/2018 2:21	19.33	99.9	9.14	1.5	SR4	12/22/2018 8:21	20.75	83.2	6.16	3.5	SR4	12/22/2018 14:21	21.05	82.0	6.04	2.6	SR4	12/22/2018 20:21	20.95	79.2	5.84	2.0
SR4	12/22/2018 2:26	19.29	99.9	9.14	1.8	SR4	12/22/2018 8:26	20.75	82.7	6.12	3.9	SR4	12/22/2018 14:26	21.13	82.3	6.05	1.9	SR4	12/22/2018 20:26	20.94	79.7	5.88	2.2
SR4	12/22/2018 2:31	19.33	99.9	9.14	3.1	SR4	12/22/2018 8:31	20.75	83.1	6.15	3.3	SR4	12/22/2018 14:31	21.06	82.8	6.10	2.1	SR4	12/22/2018 20:31	20.94	80.6	5.95	2.3
SR4	12/22/2018 2:36	19.32	99.9	9.14	4.5	SR4	12/22/2018 8:36	20.75	82.9	6.14	2.8	SR4	12/22/2018 14:36	21.06	82.7	6.09	2.6	SR4	12/22/2018 20:36	20.94	80.5	5.94	2.3
SR4	12/22/2018 2:41	19.13	100.0	9.19	4.0	SR4	12/22/2018 8:41	20.76	83.3	6.16	2.9	SR4	12/22/2018 14:41	21.06	82.9	6.10	2.5	SR4	12/22/2018 20:41	20.95	79.4	5.86	1.4
SR4	12/22/2018 2:46	19.16	99.8	9.16	5.3	SR4	12/22/2018 8:46	20.76	83.6	6.18	3.7	SR4	12/22/2018 14:46	21.08	82.4	6.06	2.9	SR4	12/22/2018 20:46	20.94	79.4	5.85	2.2
SR4	12/22/2018 2:51	19.15	100.2	9.19	4.3	SR4	12/22/2018 8:51	20.76	84.1	6.22	2.8	SR4	12/22/2018 14:51	20.99	82.5	6.08	3.3	SR4	12/22/2018 20:51	20.94	80.4	5.93	3.1
SR4	12/22/2018 2:56	18.90	99.9	9.21	2.7	SR4	12/22/2018 8:56	20.75	82.7	6.12	2.3	SR4	12/22/2018 14:56	21.05	82.7	6.09	3.1	SR4	12/22/2018 20:56	20.94	79.6	5.87	2.6
SR4	12/22/2018 3:01	18.82	99.9	9.23	3.3	SR4	12/22/2018 9:01	20.74	84.2	6.23	2.7	SR4	12/22/2018 15:01	21.37	80.7	5.91	3.5	SR4	12/22/2018 21:01	20.95	80.5	5.93	2.0
SR4	12/22/2018 3:06	18.89	100.0	9.23	1.5	SR4	12/22/2018 9:06	20.75	83.9	6.21	2.7	SR4	12/22/2018 15:06	21.23	81.9	6.02	1.2	SR4	12/22/2018 21:06	20.94	80.0	5.90	1.8
SR4	12/22/2018 3:11	18.88	100.2	9.25	1.5	SR4	12/22/2018 9:11	20.76	83.4	6.17	2.3	SR4	12/22/2018 15:11	21.25	81.0	5.94	1.6	SR4	12/22/2018 21:11	20.94	80.1	5.91	1.9
SR4	12/22/2018 3:16	18.88	99.9	9.22	3.4	SR4	12/22/2018 9:16	20.77	82.1	6.07	2.0	SR4	12/22/2018 15:16	21.26	81.3	5.97	2.3	SR4	12/22/2018 21:16	20.91	80.8	5.96	2.9
SR4	12/22/2018 3:21	18.87	99.8	9.21	3.0	SR4	12/22/2018 9:21	20.77	83.1	6.15	3.4	SR4	12/22/2018 15:21	21.15	81.1	5.97	2.7	SR4	12/22/2018 21:21	20.91	80.6	5.95	2.4
SR4	12/22/2018 3:26	18.74	100.1	9.26	3.5	SR4	12/22/2018 9:26	20.78	83.1	6.14	2.0	SR4	12/22/2018 15:26	21.06	81.7	6.02	3.1	SR4	12/22/2018 21:26	20.90	81.1	5.99	2.7
SR4	12/22/2018 3:31	18.64	99.9	9.27	1.6	SR4	12/22/2018 9:31	20.79	83.5	6.17	2.3	SR4	12/22/2018 15:31	21.04	81.6	6.01	3.0	SR4	12/22/2018 21:31	20.90	81.1	5.99	3.6
SR4	12/22/2018 3:36	18.70	100.0	9.26	5.0	SR4	12/22/2018 9:36	20.81	85.6	6.33	1.5	SR4	12/22/2018 15:36	20.98	81.0	5.97	3.3	SR4	12/22/2018 21:36	20.90	80.4	5.94	3.2
SR4	12/22/2018 3:41	18.75	100.0	9.25	1.9	SR4	12/22/2018 9:41	20.81	83.9	6.20	2.3	SR4	12/22/2018 15:41	21.00	81.3	5.99	2.7	SR4	12/22/2018 21:41	20.90	80.2	5.92	2.3
SR4	12/22/2018 3:46	18.73	100.3	9.28	3.7	SR4	12/22/2018 9:46	20.84	84.5	6.25	2.0	SR4	12/22/2018 15:46	21.01	82.1	6.05	3.0	SR4	12/22/2018 21:46	20.90	81.2	5.99	2.8
SR4	12/22/2018 3:51	18.61	100.0	9.27	1.2	SR4	12/22/2018 9:51	20.84	84.8	6.26	2.8	SR4	12/22/2018 15:51	21.06	82.3	6.06	2.8	SR4	12/22/2018 21:51	20.90	79.6	5.88	3.6
SR4	12/22/2018 3:56	18.64	100.3	9.29	1.7	SR4	12/22/2018 9:56	20.85	84.5	6.24	1.8	SR4	12/22/2018 15:56	20.99	82.6	6.08	2.6	SR4	12/22/2018 21:56	20.90	79.2	5.85	1.3
SR4	12/22/2018 4:01	18.60	100.0	9.28	3.3	SR4	12/22/2018 10:01	20.84	83.9	6.20	1.7	SR4	12/22/2018 16:01	21.01	82.3	6.07	2.5	SR4	12/22/2018 22:01	20.90	80.2	5.92	3.1
SR4	12/22/2018 4:06	18.62	100.0	9.27	5.4	SR4	12/22/2018 10:06	20.87	84.3	6.23	1.3	SR4	12/22/2018 16:06	21.00	83.6	6.16	4.2	SR4	12/22/2018 22:06	20.90	79.0	5.83	1.4
SR4	12/22/2018 4:11	18.61	100.0	9.27	5.4	SR4	12/22/2018 10:11	20.82	83.6	6.18	1.8	SR4	12/22/2018 16:11	21.12	81.5	5.99	2.6	SR4	12/22/2018 22:11	20.90	78.2	5.77	1.5
SR4	12/22/2018 4:16	18.70	99.9	9.25	3.1	SR4	12/22/2018 10:16	20.81	82.9	6.13	2.0	SR4	12/22/2018 16:16	21.06	82.3	6.06	3.0	SR4	12/22/2018 22:16	20.90	79.2	5.85	1.9
SR4	12/22/2018 4:21	18.59	100.0	9.28	1.7	SR4	12/22/2018 10:21	20.82	83.8	6.19	2.3	SR4	12/22/2018 16:21	21.14	81.7	6.01	2.1	SR4	12/22/2018 22:21	20.90	78.8	5.82	1.6
SR4	12/22/2018 4:26	18.45	99.9	9.30	1.4	SR4	12/22/2018 10:26	20.84	84.5	6.25	1.8	SR4	12/22/2018 16:26	21.14	80.9	5.95	3.0	SR4	12/22/2018 22:26	20.90	78.9	5.82	1.2
SR4	12/22/2018 4:31	18.47	100.5	9.35	4.8	SR4	12/22/2018 10:31	20.84	84.2	6.22	2.2	SR4	12/22/2018 16:31	21.05	81.6	6.01	3.0	SR4	12/22/2018 22:31	20.90	78.7	5.81	1.3
SR4	12/22/2018 4:36	18.52	100.4	9.33	1.3	SR4	12/22/2018 10:36	20.82	83.5	6.17	2.2	SR4	12/22/2018 16:36	21.07	81.3	5.98	2.8	SR4	12/22/2018 22:36	20.90	79.7	5.88	2.7
SR4	12/22/2018 4:41	18.79	100.5	9.28	4.4	SR4	12/22/2018 10:41	20.87	83.9	6.20	1.4	SR4	12/22/2018 16:41	21.01	82.4	6.07	5.5	SR4	12/22/2018 22:41	20.97	74.0	5.46	1.5
SR4	12/22/2018 4:46	18.89	100.3	9.24	**26.3**	SR4	12/22/2018 10:46	20.90	84.5	6.24	1.0	SR4	12/22/2018 16:46	21.01	82.2	6.05	4.3	SR4	12/22/2018 22:46	20.92	78.6	5.80	1.4
SR4	12/22/2018 4:51	18.99	88.3	8.13	1.7	SR4	12/22/2018 10:51	20.85	83.2	6.15	1.4	SR4	12/22/2018 16:51	21.01	82.5	6.08	4.8	SR4	12/22/2018 22:51	20.95	77.8	5.74	6.8
SR4	12/22/2018 4:56	20.64	83.8	7.46	1.7	SR4	12/22/2018 10:56	20.86	84.0	6.21	1.9	SR4	12/22/2018 16:56	21.03	82.3	6.06	4.8	SR4	12/22/2018 22:56	20.93	78.2	5.77	1.1
SR4	12/22/2018 5:01	20.69	83.5	7.40	1.2	SR4	12/22/2018 11:01	20.85	84.4	6.24	2.2	SR4	12/22/2018 17:01	21.04	83.3	6.14	2.7	SR4	12/22/2018 23:01	20.92	79.2	5.85	1.7
SR4	12/22/2018 5:06	20.71	82.0	6.07	1.2	SR4	12/22/2018 11:06	20.87	85.1	6.28	1.8	SR4	12/22/2018 17:06	21.02	83.1	6.12	2.5	SR4	12/22/2018 23:06	20.94	78.0	5.75	1.0
SR4	12/22/2018 5:11	20.72	81.1	6.00	1.5	SR4	12/22/2018 11:11	20.90	84.7	6.25	1.9	SR4	12/22/2018 17:11	21.00	82.7	6.10	1.7	SR4	12/22/2018 23:11	20.92	79.7	5.88	1.2
SR4	12/22/2018 5:16	20.71	80.8	5.98	1.4	SR4	12/22/2018 11:16	20.90	85.0	6.27	2.0	SR4	12/22/2018 17:16	21.01	82.6	6.09	2.1	SR4	12/22/2018 23:16	20.93	78.7	5.81	1.1
SR4	12/22/2018 5:21	20.71	80.1	5.93	1.6	SR4	12/22/2018 11:21	20.90	85.2	6.29	1.6	SR4	12/22/2018 17:21	21.03	82.1	6.05	2.5	SR4	12/22/2018 23:21	20.93	78.6	5.80	1.3
SR4	12/22/2018 5:26	20.67	79.7	5.91	1.4	SR4	12/22/2018 11:26	20.87	84.3	6.23	1.8	SR4	12/22/2018 17:26	21.02	82.0	6.04	1.9	SR4	12/22/2018 23:26	20.92	79.6	5.87	1.8
SR4	12/22/2018 5:31	20.68	79.6	5.90	1.5	SR4	12/22/2018 11:31	20.87	84.3	6.23	2.6	SR4	12/22/2018 17:31	20.99	82.8	6.10	4.2	SR4	12/22/2018 23:31	20.92	78.5	5.79	1.9
SR4	12/22/2018 5:36	20.71	80.9	5.99	2.5	SR4	12/22/2018 11:36	20.96	85.8	6.33	2.7	SR4	12/22/2018 17:36	20.96	83.0	6.12	3.2	SR4	12/22/2018 23:36	20.92	78.6	5.80	1.8
SR4	12/22/2018 5:41	20.72	81.4	6.02	2.1	SR4	12/22/2018 11:41	20.93	84.6	6.24	1.7	SR4	12/22/2018 17:41	20.97	82.0	6.05	2.0	SR4	12/22/2018 23:41	20.92	77.5	5.72	1.2
SR4	12/22/2018 5:46	20.73	82.3	6.09	2.3	SR4	12/22/2018 11:46	20.92	84.8	6.26	1.1	SR4	12/22/2018 17:46	20.97	82.5	6.09	5.5	SR4	12/22/2018 23:46	20.92	77.4	5.71	1.4
SR4	12/22/2018 5:51	20.71	81.2	6.01	1.9	SR4	12/22/2018 11:51	21.02	85.2	6.28	1.0	SR4	12/22/2018 17:51	20.98	81.9	6.04	3.6	SR4	12/22/2018 23:51	20.92	79.2	5.85	1.7
SR4	12/22/2018 5:56	20.65	81.4	6.03	1.3	SR4	12/22/2018 11:56	21.07	87.1	6.41	1.1	SR4	12/22/2018 17:56	20.97	83.0	6.12	3.6	SR4	12/22/2018 23:56	20.93	77.7	5.73	1.3

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/22/2018 0:00	21.21	78.8	5.78	5.1	SR5	12/22/2018 6:00	21.11	81.7	6.00	2.5	SR5	12/22/2018 12:00	21.27	84.8	6.22	2.6	SR5	12/22/2018 18:00	21.54	81.5	5.97	3.3
SR5	12/22/2018 0:05	21.21	80.1	5.87	1.7	SR5	12/22/2018 6:05	21.11	82.3	6.05	2.8	SR5	12/22/2018 12:05	21.28	84.2	6.17	3.3	SR5	12/22/2018 18:05	21.47	81.9	6.00	4.3
SR5	12/22/2018 0:10	21.21	81.0	5.93	3.2	SR5	12/22/2018 6:10	21.10	81.8	6.01	3.3	SR5	12/22/2018 12:10	21.30	84.2	6.17	2.4	SR5	12/22/2018 18:10	21.48	81.8	5.99	3.9
SR5	12/22/2018 0:15	21.21	80.6	5.91	3.0	SR5	12/22/2018 6:15	21.10	82.4	6.06	3.4	SR5	12/22/2018 12:15	21.28	84.2	6.16	2.6	SR5	12/22/2018 18:15	21.46	81.0	5.93	2.8
SR5	12/22/2018 0:20	21.21	77.6	5.69	3.6	SR5	12/22/2018 6:20	21.10	83.6	6.14	2.3	SR5	12/22/2018 12:20	21.23	83.4	6.10	2.4	SR5	12/22/2018 18:20	21.42	81.4	5.96	3.7
SR5	12/22/2018 0:25	21.19	79.9	5.86	2.0	SR5	12/22/2018 6:25	21.10	82.9	6.09	1.7	SR5	12/22/2018 12:25	21.22	83.4	6.11	3.3	SR5	12/22/2018 18:25	21.41	81.7	5.98	2.5
SR5	12/22/2018 0:30	21.19	77.1	5.65	2.7	SR5	12/22/2018 6:30	21.10	81.7	6.00	2.0	SR5	12/22/2018 12:30	21.25	83.4	6.11	2.5	SR5	12/22/2018 18:30	21.46	81.5	5.97	3.7
SR5	12/22/2018 0:35	21.19	69.8	**5.10**	3.1	SR5	12/22/2018 6:35	21.10	82.9	6.10	2.1	SR5	12/22/2018 12:35	21.24	82.4	6.03	1.6	SR5	12/22/2018 18:35	21.51	81.1	5.94	3.2
SR5	12/22/2018 0:40	21.20	73.4	**5.37**	3.0	SR5	12/22/2018 6:40	21.10	83.0	6.10	3.6	SR5	12/22/2018 12:40	21.24	82.4	6.03	3.3	SR5	12/22/2018 18:40	21.47	81.0	5.93	3.0
SR5	12/22/2018 0:45	21.19	76.8	5.62	4.5	SR5	12/22/2018 6:45	21.09	82.7	6.08	2.1	SR5	12/22/2018 12:45	21.24	82.3	6.03	2.3	SR5	12/22/2018 18:45	21.39	81.1	5.94	4.0
SR5	12/22/2018 0:50	21.19	75.7	5.54	3.5	SR5	12/22/2018 6:50	21.09	82.7	6.08	2.2	SR5	12/22/2018 12:50	21.23	82.6	6.05	3.5	SR5	12/22/2018 18:50	21.35	80.9	5.93	1.8
SR5	12/22/2018 0:55	21.21	77.0	5.64	3.8	SR5	12/22/2018 6:55	21.09	82.5	6.07	2.3	SR5	12/22/2018 12:55	21.25	82.1	6.01	3.5	SR5	12/22/2018 18:55	21.40	80.9	5.93	2.0
SR5	12/22/2018 1:00	21.22	77.1	5.65	3.8	SR5	12/22/2018 7:00	21.09	82.4	6.06	2.3	SR5	12/22/2018 13:00	21.26	82.9	6.08	3.4	SR5	12/22/2018 19:00	21.42	80.5	5.90	3.2
SR5	12/22/2018 1:05	21.21	77.4	5.66	2.5	SR5	12/22/2018 7:05	21.10	82.4	6.05	3.1	SR5	12/22/2018 13:05	21.27	82.5	6.04	1.8	SR5	12/22/2018 19:05	21.39	79.9	5.85	2.6
SR5	12/22/2018 1:10	21.20	75.6	5.53	2.8	SR5	12/22/2018 7:10	21.13	81.8	6.01	2.0	SR5	12/22/2018 13:10	21.29	82.3	6.03	2.6	SR5	12/22/2018 19:10	21.42	79.4	5.82	2.1
SR5	12/22/2018 1:15	21.20	75.4	5.51	3.4	SR5	12/22/2018 7:15	21.14	81.8	6.01	2.6	SR5	12/22/2018 13:15	21.28	82.9	6.07	2.7	SR5	12/22/2018 19:15	21.38	80.0	5.86	2.2
SR5	12/22/2018 1:20	21.20	73.2	**5.35**	2.6	SR5	12/22/2018 7:20	21.14	81.8	6.01	4.0	SR5	12/22/2018 13:20	21.28	82.8	6.06	2.5	SR5	12/22/2018 19:20	21.38	79.8	5.84	2.7
SR5	12/22/2018 1:25	21.20	75.9	5.56	3.7	SR5	12/22/2018 7:25	21.14	81.7	6.01	3.9	SR5	12/22/2018 13:25	21.28	82.7	6.05	3.3	SR5	12/22/2018 19:25	21.35	80.0	5.86	2.5
SR5	12/22/2018 1:30	21.18	77.6	5.68	2.0	SR5	12/22/2018 7:30	21.15	81.6	6.00	3.4	SR5	12/22/2018 13:30	21.27	82.3	6.02	1.4	SR5	12/22/2018 19:30	21.35	80.3	5.88	3.0
SR5	12/22/2018 1:35	21.16	75.6	5.54	3.3	SR5	12/22/2018 7:35	21.16	81.7	6.00	2.2	SR5	12/22/2018 13:35	21.30	82.7	6.04	3.4	SR5	12/22/2018 19:35	21.34	80.2	5.87	3.6
SR5	12/22/2018 1:40	21.17	75.1	5.50	2.2	SR5	12/22/2018 7:40	21.16	82.2	6.04	4.1	SR5	12/22/2018 13:40	21.28	83.4	6.09	4.0	SR5	12/22/2018 19:40	21.34	80.1	5.87	2.8
SR5	12/22/2018 1:45	21.16	74.9	5.48	1.8	SR5	12/22/2018 7:45	21.15	81.8	6.02	2.1	SR5	12/22/2018 13:45	21.33	83.0	6.07	3.4	SR5	12/22/2018 19:45	21.34	79.9	5.85	2.9
SR5	12/22/2018 1:50	21.13	67.2	**5.27**	3.0	SR5	12/22/2018 7:50	21.15	82.5	6.06	2.8	SR5	12/22/2018 13:50	21.49	83.3	6.08	3.3	SR5	12/22/2018 19:50	21.33	80.4	5.89	3.3
SR5	12/22/2018 1:55	21.12	74.9	5.95	2.8	SR5	12/22/2018 7:55	21.15	82.1	6.03	4.1	SR5	12/22/2018 13:55	21.50	82.3	6.01	2.6	SR5	12/22/2018 19:55	21.33	79.9	5.85	2.1
SR5	12/22/2018 2:00	21.11	86.1	7.01	2.1	SR5	12/22/2018 8:00	21.13	82.1	6.03	2.7	SR5	12/22/2018 14:00	21.47	83.0	6.06	2.3	SR5	12/22/2018 20:00	21.32	80.4	5.89	2.7
SR5	12/22/2018 2:05	21.11	92.6	7.64	4.0	SR5	12/22/2018 8:05	21.13	81.6	6.00	3.6	SR5	12/22/2018 14:05	21.51	83.3	6.08	1.7	SR5	12/22/2018 20:05	21.33	80.3	5.88	2.2
SR5	12/22/2018 2:10	21.14	93.0	7.69	4.1	SR5	12/22/2018 8:10	21.12	81.8	6.01	3.6	SR5	12/22/2018 14:10	21.51	83.6	6.11	2.4	SR5	12/22/2018 20:10	21.33	80.2	5.87	1.9
SR5	12/22/2018 2:15	21.13	92.9	7.69	3.2	SR5	12/22/2018 8:15	21.14	81.9	6.02	4.3	SR5	12/22/2018 14:15	21.57	83.3	6.10	1.6	SR5	12/22/2018 20:15	21.32	80.0	5.86	2.2
SR5	12/22/2018 2:20	21.13	92.7	7.69	2.5	SR5	12/22/2018 8:20	21.12	82.0	6.02	4.3	SR5	12/22/2018 14:20	21.58	82.6	6.05	2.5	SR5	12/22/2018 20:20	21.34	80.0	5.86	3.7
SR5	12/22/2018 2:25	21.13	92.8	7.70	3.6	SR5	12/22/2018 8:25	21.13	81.7	6.00	2.5	SR5	12/22/2018 14:25	21.72	83.0	6.07	2.0	SR5	12/22/2018 20:25	21.33	80.4	5.89	3.5
SR5	12/22/2018 2:30	21.13	92.9	7.70	3.8	SR5	12/22/2018 8:30	21.15	81.7	6.00	3.9	SR5	12/22/2018 14:30	21.65	82.9	6.07	2.1	SR5	12/22/2018 20:30	21.32	80.7	5.91	2.4
SR5	12/22/2018 2:35	21.12	92.8	7.70	4.6	SR5	12/22/2018 8:35	21.15	81.7	6.00	4.2	SR5	12/22/2018 14:35	21.69	83.2	6.09	3.0	SR5	12/22/2018 20:35	21.33	80.3	5.88	3.6
SR5	12/22/2018 2:40	21.11	93.1	7.74	4.5	SR5	12/22/2018 8:40	21.16	81.7	6.00	4.2	SR5	12/22/2018 14:40	21.64	83.3	6.09	3.2	SR5	12/22/2018 20:40	21.32	80.1	5.87	1.8
SR5	12/22/2018 2:45	21.11	92.8	7.71	4.2	SR5	12/22/2018 8:45	21.15	81.7	6.00	4.4	SR5	12/22/2018 14:45	21.62	83.0	6.07	3.3	SR5	12/22/2018 20:45	21.32	80.2	5.87	3.5
SR5	12/22/2018 2:50	21.11	92.9	7.72	4.8	SR5	12/22/2018 8:50	21.13	82.2	6.03	2.9	SR5	12/22/2018 14:50	21.63	82.7	6.05	3.4	SR5	12/22/2018 20:50	21.32	80.8	5.92	3.5
SR5	12/22/2018 2:55	21.11	93.0	7.75	2.7	SR5	12/22/2018 8:55	21.15	81.5	5.98	2.6	SR5	12/22/2018 14:55	21.59	82.9	6.07	3.4	SR5	12/22/2018 20:55	21.32	80.3	5.88	3.8
SR5	12/22/2018 3:00	21.10	93.1	7.76	3.5	SR5	12/22/2018 9:00	21.14	82.5	6.06	3.4	SR5	12/22/2018 15:00	21.59	81.7	5.96	3.4	SR5	12/22/2018 21:00	21.32	80.5	5.90	2.0
SR5	12/22/2018 3:05	21.10	93.2	7.77	2.7	SR5	12/22/2018 9:05	21.13	81.9	6.02	2.9	SR5	12/22/2018 15:05	21.58	82.8	6.05	2.0	SR5	12/22/2018 21:05	21.33	80.5	5.89	2.5
SR5	12/22/2018 3:10	21.10	93.2	7.77	2.5	SR5	12/22/2018 9:10	21.14	81.8	6.00	2.3	SR5	12/22/2018 15:10	21.57	82.4	6.01	3.5	SR5	12/22/2018 21:10	21.32	80.9	5.92	3.3
SR5	12/22/2018 3:15	21.11	92.7	7.73	3.0	SR5	12/22/2018 9:15	21.15	81.4	5.98	1.7	SR5	12/22/2018 15:15	21.56	82.1	6.00	2.6	SR5	12/22/2018 21:15	21.32	80.8	5.92	2.0
SR5	12/22/2018 3:20	21.11	92.7	7.73	3.5	SR5	12/22/2018 9:20	21.15	81.7	6.00	2.8	SR5	12/22/2018 15:20	21.54	81.7	5.98	2.6	SR5	12/22/2018 21:20	21.32	80.6	5.91	3.4
SR5	12/22/2018 3:25	21.11	92.8	7.75	3.7	SR5	12/22/2018 9:25	21.17	81.9	6.01	2.4	SR5	12/22/2018 15:25	21.53	82.4	6.03	3.9	SR5	12/22/2018 21:25	21.34	81.1	5.95	3.9
SR5	12/22/2018 3:30	21.10	92.6	7.75	3.4	SR5	12/22/2018 9:30	21.18	82.2	6.03	2.4	SR5	12/22/2018 15:30	21.52	82.9	6.06	2.6	SR5	12/22/2018 21:30	21.32	80.8	5.93	3.9
SR5	12/22/2018 3:35	21.11	92.8	7.76	4.8	SR5	12/22/2018 9:35	21.18	83.1	6.10	1.4	SR5	12/22/2018 15:35	21.55	82.0	6.00	2.6	SR5	12/22/2018 21:35	21.32	80.4	5.90	3.5
SR5	12/22/2018 3:40	21.10	93.1	7.77	1.6	SR5	12/22/2018 9:40	21.19	82.3	6.04	3.1	SR5	12/22/2018 15:40	21.54	82.1	6.01	3.2	SR5	12/22/2018 21:40	21.34	80.2	5.88	3.3
SR5	12/22/2018 3:45	21.10	93.6	7.81	3.3	SR5	12/22/2018 9:45	21.18	82.1	6.03	2.3	SR5	12/22/2018 15:45	21.55	82.4	6.03	2.3	SR5	12/22/2018 21:45	21.38	80.7	5.91	3.7
SR5	12/22/2018 3:50	21.10	93.5	7.81	1.5	SR5	12/22/2018 9:50	21.20	82.3	6.04	2.7	SR5	12/22/2018 15:50	21.56	82.4	6.03	3.9	SR5	12/22/2018 21:50	21.38	79.4	5.82	3.6
SR5	12/22/2018 3:55	21.11	93.4	7.80	3.3	SR5	12/22/2018 9:55	21.20	82.3	6.04	3.3	SR5	12/22/2018 15:55	21.56	82.6	6.05	2.0	SR5	12/22/2018 21:55	21.37	79.6	5.83	2.5
SR5	12/22/2018 4:00	21.11	93.4	7.81	2.9	SR5	12/22/2018 10:00	21.21	81.9	6.01	2.1	SR5	12/22/2018 16:00	21.56	82.5	6.04	2.9	SR5	12/22/2018 22:00	21.36	80.0	5.86	4.3
SR5	12/22/2018 4:05	21.10	93.5	7.81	4.0	SR5	12/22/2018 10:05	21.22	82.5	6.06	1.5	SR5	12/22/2018 16:05	21.57	83.2	6.09	3.4	SR5	12/22/2018 22:05	21.35	79.7	5.84	1.9
SR5	12/22/2018 4:10	21.11	93.3	7.80	4.5	SR5	12/22/2018 10:10	21.22	82.4	6.05	2.0	SR5	12/22/2018 16:10	21.60	82.1	6.00	3.9	SR5	12/22/2018 22:10	21.34	79.1	5.80	2.6
SR5	12/22/2018 4:15	21.11	93.1	7.77	3.9	SR5	12/22/2018 10:15	21.23	82.0	6.02	2.4	SR5	12/22/2018 16:15	21.68	82.6	6.04	2.6	SR5	12/22/2018 22:15	21.34	79.6	5.83	3.7
SR5	12/22/2018 4:20	21.11	93.0	7.78	1.6	SR5	12/22/2018 10:20	21.23	82.5	6.05	2.7	SR5	12/22/2018 16:20	21.67	82.3	6.02	2.7	SR5	12/22/2018 22:20	21.34	79.3	5.81	1.5
SR5	12/22/2018 4:25	21.11	93.0	7.80	2.1	SR5	12/22/2018 10:25	21.23	82.8	6.08	2.6	SR5	12/22/2018 16:25	21.64	81.9	5.99	2.5	SR5	12/22/2018 22:25	21.34	79.3	5.81	1.7
SR5	12/22/2018 4:30	21.11	92.9	7.79	4.1	SR5	12/22/2018 10:30	21.22	82.5	6.05	3.5	SR5	12/22/2018 16:30	21.56	82.3	6.02	4.1	SR5	12/22/2018 22:30	21.34	79.4	5.82	2.1
SR5	12/22/2018 4:35	21.09	92.5	7.76	2.7	SR5	12/22/2018 10:35	21.23	82.4	6.05	3.0	SR5	12/22/2018 16:35	21.54	81.8	5.98	3.3	SR5	12/22/2018 22:35	21.34	80.1	5.87	3.9
SR5	12/22/2018 4:40	21.10	92.5	7.73	3.8	SR5	12/22/2018 10:40	21.23	82.8	6.07	1.3	SR5	12/22/2018 16:40	21.51	82.5	6.04	3.8	SR5	12/22/2018 22:40	21.34	77.1	5.65	2.1
SR5	12/22/2018 4:45	21.10	93.1	7.76	**14.4**	SR5	12/22/2018 10:45	21.22	82.8	6.08	2.5	SR5	12/22/2018 16:45	21.50	82.3	6.02	2.8	SR5	12/22/2018 22:45	21.34	79.4	5.82	3.4
SR5	12/22/2018 4:50	21.11	87.1	7.20	3.4	SR5	12/22/2018 10:50	21.22	82.4	6.05	2.4	SR5	12/22/2018 16:50	21.46	82.6	6.05	3.6	SR5	12/22/2018 22:50	21.35	78.9	5.78	6.1
SR5	12/22/2018 4:55	21.10	84.5	6.84	2.9	SR5	12/22/2018 10:55	21.22	82.7	6.07	2.4	SR5	12/22/2018 16:55	21.44	82.6	6.04	4.2	SR5	12/22/2018 22:55	21.35	78.7	5.77	1.1
SR5	12/22/2018 5:00	21.10	84.4	6.81	3.0	SR5	12/22/2018 11:00	21.21	83.4	6.12	3.2	SR5	12/22/2018 17:00	21.41	82.9	6.07	2.6	SR5	12/22/2018 23:00	21.34	79.2	5.81	2.8
SR5	12/22/2018 5:05	21.10	83.9	6.17	1.2	SR5	12/22/2018 11:05	21.22	83.6	6.13	2.5	SR5	12/22/2018 17:05	21.40	82.7	6.05	1.9	SR5	12/22/2018 23:05	21.35	78.6	5.75	2.9
SR5	12/22/2018 5:10	21.10	83.5	6.14	1.9	SR5	12/22/2018 11:10	21.22	84.0	6.15	2.3	SR5	12/22/2018 17:10	21.43	82.2	6.02	2.6	SR5	12/22/2018 23:10	21.34	79.4	5.82	3.3
SR5	12/22/2018 5:15	21.10	82.9	6.09	2.8	SR5	12/22/2018 11:15	21.25	84.2	6.17	3.7	SR5	12/22/2018 17:15	21.50	82.4	6.04	2.7	SR5	12/22/2018 23:15	21.34	79.0	5.79	1.3
SR5	12/22/2018 5:20	21.10	82.7	6.08	3.3	SR5	12/22/2018 11:20	21.27	84.4	6.19	2.7	SR5	12/22/2018 17:20	21.49	81.7	5.98	2.1	SR5	12/22/2018 23:20	21.34	79.3	5.81	2.2
SR5	12/22/2018 5:25	21.11	82.7	6.08	2.2	SR5	12/22/2018 11:25	21.25	84.1	6.17	3.6	SR5	12/22/2018 17:25	21.47	81.9	6.00	1.9	SR5	12/22/2018 23:25	21.34	80.3	5.88	2.1
SR5	12/22/2018 5:30	21.10	82.6	6.08	2.9	SR5	12/22/2018 11:30	21.32	83.8	6.15	2.3	SR5	12/22/2018 17:30	21.47	82.3	6.02	4.8	SR5	12/22/2018 23:30	21.33	80.0	5.86	3.1
SR5	12/22/2018 5:35	21.10	83.0	6.10	2.8	SR5	12/22/2018 11:35	21.31	84.3	6.17	3.3	SR5	12/22/2018 17:35	21.48	82.2	6.02	3.4	SR5	12/22/2018 23:35	21.31	80.0	5.86	2.4
SR5	12/22/2018 5:40	21.09	82.9	6.09	2.7	SR5	12/22/2018 11:40	21.29	83.7	6.13	1.9	SR5	12/22/2018 17:40	21.48	81.8	5.99	3.1	SR5	12/22/2018 23:40	21.31	79.5	5.82	2.9
SR5	12/22/2018 5:45	21.09	82.7	6.08	2.6	SR5	12/22/2018 11:45	21.25	83.2	6.10	2.5	SR5	12/22/2018 17:45	21.46	81.7	5.99	4.1	SR5	12/22/2018 23:45	21.31	79.1	5.79	3.0
SR5	12/22/2018 5:50	21.09	81.9	6.02	3.6	SR5	12/22/2018 11:50	21.36	83.1	6.09	2.4	SR5	12/22/2018 17:50	21.48	81.4	5.96	2.4	SR5	12/22/2018 23:50	21.33	80.4	5.89	2.6
SR5	12/22/2018 5:55	21.11	82.0	6.03	2.5	SR5	12/22/2018 11:55	21.30	84.6	6.19	1.6	SR5	12/22/2018 17:55	21.52	81.9	6.00	3.5	SR5	12/22/2018 23:55	21.32	79.9	5.85	3.1

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/22/2018 0:01	21.63	81.6	5.94	5.5	SR12	12/22/2018 6:01	21.51	82.2	5.99	3.0	SR12	12/22/2018 12:01	21.70	82.9	6.03	3.0	SR12	12/22/2018 18:01	21.66	79.9	5.81	3.2
SR12	12/22/2018 0:06	21.61	82.8	6.02	2.4	SR12	12/22/2018 6:06	21.51	82.3	6.00	3.4	SR12	12/22/2018 12:06	21.71	82.7	6.01	4.2	SR12	12/22/2018 18:06	21.65	80.9	5.88	5.0
SR12	12/22/2018 0:11	21.61	82.6	6.01	5.2	SR12	12/22/2018 6:11	21.51	81.0	5.91	3.9	SR12	12/22/2018 12:11	21.65	82.8	6.02	1.7	SR12	12/22/2018 18:11	21.65	80.8	5.87	4.0
SR12	12/22/2018 0:16	21.60	82.6	6.01	4.3	SR12	12/22/2018 6:16	21.54	81.8	5.96	5.0	SR12	12/22/2018 12:16	21.75	83.1	6.03	3.6	SR12	12/22/2018 18:16	21.66	80.1	5.82	2.2
SR12	12/22/2018 0:21	21.62	81.8	5.95	3.6	SR12	12/22/2018 6:21	21.52	82.2	5.99	2.7	SR12	12/22/2018 12:21	21.70	82.6	6.00	3.2	SR12	12/22/2018 18:21	21.66	80.6	5.86	1.8
SR12	12/22/2018 0:26	21.61	81.9	5.96	3.0	SR12	12/22/2018 6:26	21.52	80.7	5.88	1.5	SR12	12/22/2018 12:26	21.67	82.5	6.00	4.4	SR12	12/22/2018 18:26	21.65	80.7	5.87	1.3
SR12	12/22/2018 0:31	21.58	83.8	6.10	1.7	SR12	12/22/2018 6:31	21.51	81.7	5.96	2.7	SR12	12/22/2018 12:31	21.68	82.2	5.98	3.1	SR12	12/22/2018 18:31	21.66	80.5	5.85	4.2
SR12	12/22/2018 0:36	21.61	83.5	6.08	4.4	SR12	12/22/2018 6:36	21.51	81.4	5.93	1.8	SR12	12/22/2018 12:36	21.64	82.1	5.97	1.8	SR12	12/22/2018 18:36	21.67	79.9	5.81	3.6
SR12	12/22/2018 0:41	21.60	83.0	6.04	3.9	SR12	12/22/2018 6:41	21.51	81.6	5.95	4.5	SR12	12/22/2018 12:41	21.61	82.0	5.97	5.3	SR12	12/22/2018 18:41	21.66	80.0	5.81	2.9
SR12	12/22/2018 0:46	21.59	83.3	6.07	5.3	SR12	12/22/2018 6:46	21.51	81.4	5.93	1.4	SR12	12/22/2018 12:46	21.60	81.9	5.96	2.8	SR12	12/22/2018 18:46	21.66	79.7	5.80	4.2
SR12	12/22/2018 0:51	21.61	83.2	6.06	3.2	SR12	12/22/2018 6:51	21.51	81.5	5.94	2.4	SR12	12/22/2018 12:51	21.59	81.8	5.95	4.6	SR12	12/22/2018 18:51	21.68	79.7	5.80	1.2
SR12	12/22/2018 0:56	21.58	84.4	6.15	5.0	SR12	12/22/2018 6:56	21.55	81.4	5.93	2.9	SR12	12/22/2018 12:56	21.58	81.6	5.94	2.6	SR12	12/22/2018 18:56	21.67	80.2	5.83	1.4
SR12	12/22/2018 1:01	21.59	83.3	6.07	5.2	SR12	12/22/2018 7:01	21.54	81.1	5.91	1.9	SR12	12/22/2018 13:01	21.58	81.6	5.94	4.5	SR12	12/22/2018 19:01	21.67	79.4	5.78	3.5
SR12	12/22/2018 1:06	21.59	84.5	6.15	3.5	SR12	12/22/2018 7:06	21.54	81.0	5.90	3.6	SR12	12/22/2018 13:06	21.58	81.2	5.91	1.9	SR12	12/22/2018 19:06	21.66	78.7	5.72	2.6
SR12	12/22/2018 1:11	21.60	84.5	6.15	1.6	SR12	12/22/2018 7:11	21.53	81.2	5.91	2.4	SR12	12/22/2018 13:11	21.58	81.0	5.90	3.8	SR12	12/22/2018 19:11	21.66	79.1	5.76	2.4
SR12	12/22/2018 1:16	21.59	83.4	6.07	5.5	SR12	12/22/2018 7:16	21.53	81.1	5.91	3.1	SR12	12/22/2018 13:16	21.57	81.2	5.91	3.8	SR12	12/22/2018 19:16	21.65	79.5	5.78	2.0
SR12	12/22/2018 1:21	21.55	84.5	6.15	3.0	SR12	12/22/2018 7:21	21.54	80.8	5.89	5.1	SR12	12/22/2018 13:21	21.58	81.1	5.91	3.5	SR12	12/22/2018 19:21	21.66	79.4	5.77	2.7
SR12	12/22/2018 1:26	21.53	85.2	6.21	4.6	SR12	12/22/2018 7:26	21.54	80.5	5.87	5.0	SR12	12/22/2018 13:26	21.58	80.8	5.88	4.9	SR12	12/22/2018 19:26	21.66	79.4	5.77	2.3
SR12	12/22/2018 1:31	21.54	84.4	6.15	2.6	SR12	12/22/2018 7:31	21.54	80.5	5.87	4.6	SR12	12/22/2018 13:31	21.59	80.8	5.88	1.4	SR12	12/22/2018 19:31	21.66	79.3	5.77	3.9
SR12	12/22/2018 1:36	21.53	84.7	6.17	1.3	SR12	12/22/2018 7:36	21.54	80.3	5.85	2.2	SR12	12/22/2018 13:36	21.62	81.3	5.92	5.4	SR12	12/22/2018 19:36	21.66	78.6	5.72	3.9
SR12	12/22/2018 1:41	21.51	85.4	6.22	2.9	SR12	12/22/2018 7:41	21.54	81.1	5.91	5.3	SR12	12/22/2018 13:41	21.61	83.1	6.04	4.7	SR12	12/22/2018 19:41	21.65	78.7	5.72	3.4
SR12	12/22/2018 1:46	21.52	85.3	6.21	2.5	SR12	12/22/2018 7:46	21.53	80.9	5.90	1.6	SR12	12/22/2018 13:46	21.61	82.3	5.99	5.0	SR12	12/22/2018 19:46	21.65	78.6	5.72	3.8
SR12	12/22/2018 1:51	21.53	84.6	6.17	3.7	SR12	12/22/2018 7:51	21.53	81.2	5.92	2.3	SR12	12/22/2018 13:51	21.61	83.0	6.04	1.4	SR12	12/22/2018 19:51	21.66	79.0	5.74	4.5
SR12	12/22/2018 1:56	21.51	85.5	6.23	2.2	SR12	12/22/2018 7:56	21.54	80.8	5.89	4.9	SR12	12/22/2018 13:56	21.61	83.0	6.04	3.3	SR12	12/22/2018 19:56	21.66	79.0	5.74	2.6
SR12	12/22/2018 2:01	21.50	85.9	6.26	2.3	SR12	12/22/2018 8:01	21.54	81.2	5.92	1.5	SR12	12/22/2018 14:01	21.64	84.3	6.13	2.1	SR12	12/22/2018 20:01	21.66	78.9	5.74	2.0
SR12	12/22/2018 2:06	21.49	86.1	6.28	3.2	SR12	12/22/2018 8:06	21.54	80.9	5.90	4.4	SR12	12/22/2018 14:06	21.62	84.1	6.12	2.1	SR12	12/22/2018 20:06	21.65	79.3	5.77	2.0
SR12	12/22/2018 2:11	21.49	86.0	6.27	3.5	SR12	12/22/2018 8:11	21.54	80.8	5.89	4.2	SR12	12/22/2018 14:11	21.61	84.3	6.13	2.9	SR12	12/22/2018 20:11	21.66	79.1	5.75	1.8
SR12	12/22/2018 2:16	21.49	85.9	6.27	2.1	SR12	12/22/2018 8:16	21.54	80.9	5.90	5.3	SR12	12/22/2018 14:16	21.61	83.9	6.10	1.4	SR12	12/22/2018 20:16	21.65	79.0	5.74	1.5
SR12	12/22/2018 2:21	21.50	85.5	6.23	3.5	SR12	12/22/2018 8:21	21.54	80.7	5.88	5.1	SR12	12/22/2018 14:21	21.62	83.2	6.06	2.3	SR12	12/22/2018 20:21	21.64	80.8	5.88	5.3
SR12	12/22/2018 2:26	21.49	85.7	6.25	5.4	SR12	12/22/2018 8:26	21.54	80.6	5.87	1.1	SR12	12/22/2018 14:26	21.62	83.6	6.08	2.1	SR12	12/22/2018 20:26	21.65	81.1	5.90	4.8
SR12	12/22/2018 2:31	21.48	85.8	6.26	4.4	SR12	12/22/2018 8:31	21.54	80.2	5.84	4.4	SR12	12/22/2018 14:31	21.62	83.0	6.04	2.0	SR12	12/22/2018 20:31	21.65	80.7	5.87	2.4
SR12	12/22/2018 2:36	21.49	85.6	6.25	4.7	SR12	12/22/2018 8:36	21.54	80.4	5.86	5.5	SR12	12/22/2018 14:36	21.64	83.7	6.09	3.4	SR12	12/22/2018 20:36	21.65	80.0	5.82	4.9
SR12	12/22/2018 2:41	21.48	86.1	6.28	4.9	SR12	12/22/2018 8:41	21.54	80.1	5.84	5.4	SR12	12/22/2018 14:41	21.66	83.7	6.08	3.8	SR12	12/22/2018 20:41	21.64	80.8	5.87	2.2
SR12	12/22/2018 2:46	21.48	85.8	6.25	3.0	SR12	12/22/2018 8:46	21.54	79.8	5.81	5.1	SR12	12/22/2018 14:46	21.65	83.6	6.08	3.6	SR12	12/22/2018 20:46	21.64	80.9	5.88	4.8
SR12	12/22/2018 2:51	21.49	85.5	6.24	5.3	SR12	12/22/2018 8:51	21.54	80.2	5.84	2.9	SR12	12/22/2018 14:51	21.65	82.8	6.02	3.4	SR12	12/22/2018 20:51	21.64	81.1	5.90	3.8
SR12	12/22/2018 2:56	21.46	86.1	6.28	2.6	SR12	12/22/2018 8:56	21.54	80.2	5.84	2.9	SR12	12/22/2018 14:56	21.65	83.0	6.04	3.7	SR12	12/22/2018 20:56	21.64	80.9	5.89	4.9
SR12	12/22/2018 3:01	21.45	86.2	6.29	3.7	SR12	12/22/2018 9:01	21.55	80.8	5.89	4.1	SR12	12/22/2018 15:01	21.64	82.6	6.01	3.3	SR12	12/22/2018 21:01	21.64	80.5	5.86	1.9
SR12	12/22/2018 3:06	21.44	86.3	6.30	3.8	SR12	12/22/2018 9:06	21.55	79.9	5.82	3.1	SR12	12/22/2018 15:06	21.65	83.6	6.08	2.7	SR12	12/22/2018 21:06	21.66	80.9	5.88	3.1
SR12	12/22/2018 3:11	21.45	86.1	6.28	3.4	SR12	12/22/2018 9:11	21.55	80.1	5.83	2.2	SR12	12/22/2018 15:11	21.68	83.7	6.08	5.3	SR12	12/22/2018 21:11	21.65	81.6	5.93	4.7
SR12	12/22/2018 3:16	21.45	85.4	6.23	2.6	SR12	12/22/2018 9:16	21.55	80.7	5.88	1.4	SR12	12/22/2018 15:16	21.66	82.9	6.03	2.9	SR12	12/22/2018 21:16	21.64	80.7	5.87	1.1
SR12	12/22/2018 3:21	21.45	85.6	6.25	4.0	SR12	12/22/2018 9:21	21.55	80.3	5.85	2.1	SR12	12/22/2018 15:21	21.65	82.3	5.99	2.5	SR12	12/22/2018 21:21	21.65	80.5	5.86	4.3
SR12	12/22/2018 3:26	21.45	85.5	6.24	3.9	SR12	12/22/2018 9:26	21.54	80.6	5.87	2.7	SR12	12/22/2018 15:26	21.65	83.0	6.03	4.6	SR12	12/22/2018 21:26	21.64	81.1	5.90	5.0
SR12	12/22/2018 3:31	21.45	85.3	6.22	5.1	SR12	12/22/2018 9:31	21.55	80.8	5.89	2.4	SR12	12/22/2018 15:31	21.68	84.1	6.11	2.1	SR12	12/22/2018 21:31	21.64	80.5	5.86	4.1
SR12	12/22/2018 3:36	21.44	85.6	6.25	4.5	SR12	12/22/2018 9:36	21.55	80.5	5.86	1.3	SR12	12/22/2018 15:36	21.67	82.9	6.03	1.9	SR12	12/22/2018 21:36	21.64	80.4	5.85	3.8
SR12	12/22/2018 3:41	21.43	86.2	6.29	1.2	SR12	12/22/2018 9:41	21.55	80.7	5.88	3.9	SR12	12/22/2018 15:41	21.66	82.8	6.02	3.6	SR12	12/22/2018 21:41	21.64	80.2	5.83	4.2
SR12	12/22/2018 3:46	21.43	86.9	6.34	2.9	SR12	12/22/2018 9:46	21.56	79.6	5.80	2.5	SR12	12/22/2018 15:46	21.66	82.7	6.01	1.5	SR12	12/22/2018 21:46	21.64	80.1	5.83	4.5
SR12	12/22/2018 3:51	21.43	86.9	6.34	1.7	SR12	12/22/2018 9:51	21.55	79.8	5.82	2.6	SR12	12/22/2018 15:51	21.66	82.5	6.00	4.9	SR12	12/22/2018 21:51	21.63	79.2	5.76	3.6
SR12	12/22/2018 3:56	21.42	86.4	6.31	4.9	SR12	12/22/2018 9:56	21.56	80.1	5.83	4.7	SR12	12/22/2018 15:56	21.65	82.6	6.01	1.4	SR12	12/22/2018 21:56	21.63	79.9	5.81	3.7
SR12	12/22/2018 4:01	21.42	86.8	6.33	2.5	SR12	12/22/2018 10:01	21.58	79.9	5.82	2.5	SR12	12/22/2018 16:01	21.65	82.7	6.01	3.2	SR12	12/22/2018 22:01	21.64	79.8	5.80	5.4
SR12	12/22/2018 4:06	21.41	86.9	6.34	2.5	SR12	12/22/2018 10:06	21.57	80.7	5.88	1.7	SR12	12/22/2018 16:06	21.72	82.7	6.01	2.5	SR12	12/22/2018 22:06	21.65	80.3	5.84	2.4
SR12	12/22/2018 4:11	21.44	86.6	6.32	3.5	SR12	12/22/2018 10:11	21.56	81.2	5.92	2.2	SR12	12/22/2018 16:11	21.69	82.6	6.00	5.1	SR12	12/22/2018 22:11	21.66	80.0	5.82	3.6
SR12	12/22/2018 4:16	21.42	86.2	6.29	4.7	SR12	12/22/2018 10:16	21.57	81.1	5.91	2.7	SR12	12/22/2018 16:16	21.68	82.9	6.02	2.2	SR12	12/22/2018 22:16	21.66	79.9	5.81	5.5
SR12	12/22/2018 4:21	21.41	85.9	6.27	1.4	SR12	12/22/2018 10:21	21.58	81.1	5.90	3.0	SR12	12/22/2018 16:21	21.68	82.8	6.02	3.2	SR12	12/22/2018 22:21	21.67	79.8	5.80	1.4
SR12	12/22/2018 4:26	21.41	86.1	6.29	2.7	SR12	12/22/2018 10:26	21.57	81.1	5.90	3.4	SR12	12/22/2018 16:26	21.68	82.8	6.02	2.0	SR12	12/22/2018 22:26	21.67	79.6	5.79	2.1
SR12	12/22/2018 4:31	21.42	85.2	6.22	3.4	SR12	12/22/2018 10:31	21.56	80.7	5.88	4.7	SR12	12/22/2018 16:31	21.68	82.9	6.02	5.2	SR12	12/22/2018 22:31	21.67	80.1	5.82	2.8
SR12	12/22/2018 4:36	21.42	84.6	6.18	4.1	SR12	12/22/2018 10:36	21.58	81.3	5.92	3.7	SR12	12/22/2018 16:36	21.69	82.2	5.97	3.8	SR12	12/22/2018 22:36	21.66	80.4	5.85	5.1
SR12	12/22/2018 4:41	21.41	84.5	6.17	3.2	SR12	12/22/2018 10:41	21.57	81.6	5.94	1.2	SR12	12/22/2018 16:41	21.68	82.5	6.00	2.1	SR12	12/22/2018 22:41	21.67	80.2	5.83	2.6
SR12	12/22/2018 4:46	21.42	85.9	6.27	2.5	SR12	12/22/2018 10:46	21.56	81.1	5.91	3.9	SR12	12/22/2018 16:46	21.68	82.3	5.98	1.3	SR12	12/22/2018 22:46	21.67	80.2	5.84	5.3
SR12	12/22/2018 4:51	21.43	85.8	6.26	5.0	SR12	12/22/2018 10:51	21.58	81.6	5.94	3.3	SR12	12/22/2018 16:51	21.68	82.6	6.01	2.4	SR12	12/22/2018 22:51	21.67	79.9	5.81	5.3
SR12	12/22/2018 4:56	21.43	85.1	6.21	4.1	SR12	12/22/2018 10:56	21.59	81.3	5.92	2.8	SR12	12/22/2018 16:56	21.68	82.9	6.02	3.6	SR12	12/22/2018 22:56	21.68	79.2	5.76	1.1
SR12	12/22/2018 5:01	21.42	85.2	6.22	4.8	SR12	12/22/2018 11:01	21.58	82.3	5.99	4.2	SR12	12/22/2018 17:01	21.67	82.4	5.99	2.5	SR12	12/22/2018 23:01	21.70	79.2	5.76	3.8
SR12	12/22/2018 5:06	21.42	85.8	6.26	1.1	SR12	12/22/2018 11:06	21.59	82.1	5.98	3.1	SR12	12/22/2018 17:06	21.66	82.3	5.98	1.3	SR12	12/22/2018 23:06	21.69	79.1	5.75	4.8
SR12	12/22/2018 5:11	21.42	85.9	6.27	2.2	SR12	12/22/2018 11:11	21.62	83.2	6.05	2.6	SR12	12/22/2018 17:11	21.66	81.7	5.94	3.4	SR12	12/22/2018 23:11	21.68	79.0	5.75	5.4
SR12	12/22/2018 5:16	21.43	85.0	6.20	4.1	SR12	12/22/2018 11:16	21.66	83.4	6.06	5.4	SR12	12/22/2018 17:16	21.66	82.2	5.98	3.2	SR12	12/22/2018 23:16	21.67	79.3	5.77	1.4
SR12	12/22/2018 5:21	21.43	85.3	6.22	5.0	SR12	12/22/2018 11:21	21.62	83.6	6.08	3.8	SR12	12/22/2018 17:21	21.66	81.2	5.90	1.6	SR12	12/22/2018 23:21	21.67	79.9	5.81	3.0
SR12	12/22/2018 5:26	21.42	85.6	6.25	3.0	SR12	12/22/2018 11:26	21.63	83.9	6.10	5.4	SR12	12/22/2018 17:26	21.65	81.8	5.95	1.9	SR12	12/22/2018 23:26	21.66	80.9	5.89	2.3
SR12	12/22/2018 5:31	21.43	85.6	6.25	4.2	SR12	12/22/2018 11:31	21.65	83.3	6.06	2.0	SR12	12/22/2018 17:31	21.65	81.7	5.94	5.4	SR12	12/22/2018 23:31	21.65	81.4	5.92	4.3
SR12	12/22/2018 5:36	21.44	85.0	6.20	3.1	SR12	12/22/2018 11:36	21.66	82.7	6.01	3.9	SR12	12/22/2018 17:36	21.65	81.3	5.91	3.5	SR12	12/22/2018 23:36	21.65	81.4	5.92	2.9
SR12	12/22/2018 5:41	21.46	84.3	6.15	3.2	SR12	12/22/2018 11:41	21.65	82.7	6.01	2.0	SR12	12/22/2018 17:41	21.65	81.6	5.93	4.2	SR12	12/22/2018 23:41	21.65	81.4	5.92	4.5
SR12	12/22/2018 5:46	21.49	83.1	6.06	2.8	SR12	12/22/2018 11:46	21.60	81.6	5.94	3.9	SR12	12/22/2018 17:46	21.65	80.9	5.88	2.6	SR12	12/22/2018 23:46	21.66	80.7	5.87	4.6
SR12	12/22/2018 5:51	21.50	82.5	6.02	5.3	SR12	12/22/2018 11:51	21.59	81.0	5.90	3.7	SR12	12/22/2018 17:51	21.65	80.9	5.88	1.2	SR12	12/22/2018 23:51	21.65	81.6	5.93	3.5
SR12	12/22/2018 5:56	21.51	82.5	6.02	3.7	SR12	12/22/2018 11:56	21.60	82.1	5.97	2.1	SR12	12/22/2018 17:56	21.65	80.8	5.87	3.3	SR12	12/22/2018 23:56	21.65	82.0	5.97	4.8

24-hr Water Quality Monitoring

Station	Timestamp	Temp (°C)	DO (%)	DO (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	12/22/2018 0:00	21.23	78.6	5.68	6.0	SR13	12/22/2018 6:00	21.15	83.3	6.03	5.7	SR13	12/22/2018 12:00	21.27	83.2	6.01	6.8	SR13	12/22/2018 18:00	21.36	80.5	5.82	5.3
SR13	12/22/2018 0:05	21.27	78.8	5.69	7.3	SR13	12/22/2018 6:05	21.18	81.9	5.93	7.3	SR13	12/22/2018 12:05	21.25	82.6	5.97	5.8	SR13	12/22/2018 18:05	21.32	80.5	5.81	6.9
SR13	12/22/2018 0:10	21.28	81.5	5.89	6.3	SR13	12/22/2018 6:10	21.21	83.3	6.03	6.4	SR13	12/22/2018 12:10	21.26	80.9	5.85	8.3	SR13	12/22/2018 18:10	21.29	82.3	5.95	4.2
SR13	12/22/2018 0:15	21.26	79.8	5.76	7.1	SR13	12/22/2018 6:15	21.17	81.4	5.90	7.1	SR13	12/22/2018 12:15	21.31	81.2	5.87	5.7	SR13	12/22/2018 18:15	21.30	81.4	5.88	7.1
SR13	12/22/2018 0:20	21.30	80.3	5.80	5.4	SR13	12/22/2018 6:20	21.16	82.8	5.99	7.4	SR13	12/22/2018 12:20	21.31	82.9	5.99	7.8	SR13	12/22/2018 18:20	21.31	82.4	5.95	5.6
SR13	12/22/2018 0:25	21.22	81.5	5.88	5.0	SR13	12/22/2018 6:25	21.21	80.2	5.80	6.9	SR13	12/22/2018 12:25	21.28	81.2	5.86	7.0	SR13	12/22/2018 18:25	21.30	83.2	6.01	4.9
SR13	12/22/2018 0:30	21.28	79.8	5.76	7.1	SR13	12/22/2018 6:30	21.20	81.9	5.92	7.2	SR13	12/22/2018 12:30	21.29	80.0	5.78	7.6	SR13	12/22/2018 18:30	21.29	81.1	5.86	5.0
SR13	12/22/2018 0:35	21.22	80.0	5.78	5.9	SR13	12/22/2018 6:35	21.22	79.5	5.75	8.2	SR13	12/22/2018 12:35	21.33	81.3	5.87	6.6	SR13	12/22/2018 18:35	21.28	79.7	5.75	4.5
SR13	12/22/2018 0:40	21.30	81.6	5.89	6.2	SR13	12/22/2018 6:40	21.21	81.7	5.91	6.3	SR13	12/22/2018 12:40	21.28	82.3	5.94	5.7	SR13	12/22/2018 18:40	21.32	80.8	5.83	6.2
SR13	12/22/2018 0:45	21.22	78.5	5.67	7.3	SR13	12/22/2018 6:45	21.16	81.3	5.88	6.4	SR13	12/22/2018 12:45	21.26	82.2	5.94	6.6	SR13	12/22/2018 18:45	21.32	82.3	5.94	6.2
SR13	12/22/2018 0:50	21.29	80.9	5.84	5.5	SR13	12/22/2018 6:50	21.20	80.7	5.84	5.4	SR13	12/22/2018 12:50	21.28	81.3	5.87	6.3	SR13	12/22/2018 18:50	21.26	81.7	5.90	5.7
SR13	12/22/2018 0:55	21.24	81.5	5.88	6.1	SR13	12/22/2018 6:55	21.18	82.5	5.97	5.9	SR13	12/22/2018 12:55	21.28	81.1	5.86	6.6	SR13	12/22/2018 18:55	21.30	81.4	5.88	5.7
SR13	12/22/2018 1:00	21.26	80.4	5.81	6.6	SR13	12/22/2018 7:00	21.23	82.0	5.93	6.2	SR13	12/22/2018 13:00	21.29	82.7	5.97	6.2	SR13	12/22/2018 19:00	21.26	82.1	5.93	5.6
SR13	12/22/2018 1:05	21.25	79.0	5.71	7.0	SR13	12/22/2018 7:05	21.16	82.8	5.99	6.6	SR13	12/22/2018 13:05	21.28	81.7	5.90	6.1	SR13	12/22/2018 19:05	21.30	82.0	5.92	4.4
SR13	12/22/2018 1:10	21.26	82.5	5.96	7.1	SR13	12/22/2018 7:10	21.16	80.2	5.80	5.2	SR13	12/22/2018 13:10	21.27	80.0	5.78	6.9	SR13	12/22/2018 19:10	21.27	79.7	5.76	3.9
SR13	12/22/2018 1:15	21.27	78.9	5.70	6.0	SR13	12/22/2018 7:15	21.24	80.8	5.85	5.5	SR13	12/22/2018 13:15	21.25	80.8	5.84	5.4	SR13	12/22/2018 19:15	21.29	80.9	5.84	6.6
SR13	12/22/2018 1:20	21.22	78.2	5.64	5.8	SR13	12/22/2018 7:20	21.23	82.3	5.95	7.0	SR13	12/22/2018 13:20	21.27	80.7	5.83	4.8	SR13	12/22/2018 19:20	21.33	80.5	5.81	6.3
SR13	12/22/2018 1:25	21.22	81.1	5.86	7.6	SR13	12/22/2018 7:25	21.24	80.9	5.86	7.7	SR13	12/22/2018 13:25	21.27	82.1	5.93	7.4	SR13	12/22/2018 19:25	21.28	80.5	5.81	6.2
SR13	12/22/2018 1:30	21.22	78.7	5.69	8.1	SR13	12/22/2018 7:30	21.21	79.3	5.74	5.4	SR13	12/22/2018 13:30	21.28	81.2	5.87	6.2	SR13	12/22/2018 19:30	21.28	80.6	5.82	6.2
SR13	12/22/2018 1:35	21.21	80.7	5.83	6.1	SR13	12/22/2018 7:35	21.16	82.6	5.97	6.7	SR13	12/22/2018 13:35	21.26	80.3	5.80	8.0	SR13	12/22/2018 19:35	21.30	79.7	5.76	4.7
SR13	12/22/2018 1:40	21.28	80.4	5.81	6.1	SR13	12/22/2018 7:40	21.25	82.9	5.99	5.7	SR13	12/22/2018 13:40	21.26	81.3	5.87	6.5	SR13	12/22/2018 19:40	21.30	80.3	5.80	4.4
SR13	12/22/2018 1:45	21.23	80.9	5.84	7.2	SR13	12/22/2018 7:45	21.19	81.3	5.88	6.8	SR13	12/22/2018 13:45	21.30	80.0	5.78	5.9	SR13	12/22/2018 19:45	21.29	80.5	5.81	5.0
SR13	12/22/2018 1:50	21.22	79.8	5.76	6.3	SR13	12/22/2018 7:50	21.22	81.0	5.86	6.3	SR13	12/22/2018 13:50	21.24	82.3	5.95	7.0	SR13	12/22/2018 19:50	21.27	80.0	5.78	5.0
SR13	12/22/2018 1:55	21.23	81.2	5.86	5.5	SR13	12/22/2018 7:55	21.23	79.6	5.76	5.2	SR13	12/22/2018 13:55	21.27	81.4	5.88	6.0	SR13	12/22/2018 19:55	21.30	81.0	5.85	5.3
SR13	12/22/2018 2:00	21.28	78.4	5.66	7.9	SR13	12/22/2018 8:00	21.22	79.6	5.76	7.4	SR13	12/22/2018 14:00	21.27	82.8	5.98	6.3	SR13	12/22/2018 20:00	21.28	82.2	5.93	4.7
SR13	12/22/2018 2:05	21.28	80.6	5.82	6.1	SR13	12/22/2018 8:05	21.20	80.1	5.79	6.6	SR13	12/22/2018 14:05	21.30	82.7	5.98	6.8	SR13	12/22/2018 20:05	21.28	79.6	5.75	4.4
SR13	12/22/2018 2:10	21.27	78.8	5.70	6.1	SR13	12/22/2018 8:10	21.25	81.9	5.92	7.8	SR13	12/22/2018 14:10	21.28	82.7	5.97	6.1	SR13	12/22/2018 20:10	21.27	80.5	5.82	4.8
SR13	12/22/2018 2:15	21.21	79.0	5.71	5.7	SR13	12/22/2018 8:15	21.18	80.5	5.83	6.5	SR13	12/22/2018 14:15	21.30	80.0	5.77	6.0	SR13	12/22/2018 20:15	21.27	79.5	5.74	5.4
SR13	12/22/2018 2:20	21.24	80.4	5.81	5.1	SR13	12/22/2018 8:20	21.19	79.7	5.76	5.9	SR13	12/22/2018 14:20	21.32	80.4	5.80	8.0	SR13	12/22/2018 20:20	21.27	81.9	5.91	5.8
SR13	12/22/2018 2:25	21.24	81.4	5.88	5.3	SR13	12/22/2018 8:25	21.24	79.3	5.74	7.1	SR13	12/22/2018 14:25	21.31	82.6	5.96	7.4	SR13	12/22/2018 20:25	21.26	78.9	5.70	5.7
SR13	12/22/2018 2:30	21.25	81.3	5.87	5.1	SR13	12/22/2018 8:30	21.20	80.4	5.82	5.0	SR13	12/22/2018 14:30	21.29	79.7	5.75	8.0	SR13	12/22/2018 20:30	21.26	81.1	5.86	5.1
SR13	12/22/2018 2:35	21.23	80.0	5.86	7.1	SR13	12/22/2018 8:35	21.21	82.9	5.99	6.6	SR13	12/22/2018 14:35	21.35	81.8	5.90	6.7	SR13	12/22/2018 20:35	21.23	82.6	5.96	6.4
SR13	12/22/2018 2:40	21.17	81.2	5.98	5.5	SR13	12/22/2018 8:40	21.20	80.9	5.85	7.8	SR13	12/22/2018 14:40	21.32	80.5	5.81	5.6	SR13	12/22/2018 20:40	21.29	79.5	5.74	5.1
SR13	12/22/2018 2:45	21.18	82.2	6.12	6.2	SR13	12/22/2018 8:45	21.21	82.0	5.93	6.9	SR13	12/22/2018 14:45	21.32	82.2	5.93	5.6	SR13	12/22/2018 20:45	21.28	79.9	5.77	4.4
SR13	12/22/2018 2:50	21.22	84.9	6.35	6.6	SR13	12/22/2018 8:50	21.19	79.1	5.72	6.9	SR13	12/22/2018 14:50	21.33	80.2	5.79	6.2	SR13	12/22/2018 20:50	21.24	79.5	5.74	4.1
SR13	12/22/2018 2:55	21.22	83.9	6.29	5.9	SR13	12/22/2018 8:55	21.25	78.9	5.71	5.8	SR13	12/22/2018 14:55	21.31	82.5	5.95	5.9	SR13	12/22/2018 20:55	21.23	80.2	5.79	5.7
SR13	12/22/2018 3:00	21.18	83.6	6.27	6.4	SR13	12/22/2018 9:00	21.18	82.7	5.98	6.2	SR13	12/22/2018 15:00	21.30	81.3	5.87	6.5	SR13	12/22/2018 21:00	21.27	79.3	5.73	5.4
SR13	12/22/2018 3:05	21.18	82.9	6.22	6.5	SR13	12/22/2018 9:05	21.22	81.0	5.85	8.0	SR13	12/22/2018 15:05	21.36	80.7	5.83	6.5	SR13	12/22/2018 21:05	21.25	80.7	5.83	6.8
SR13	12/22/2018 3:10	21.24	85.1	6.38	8.1	SR13	12/22/2018 9:10	21.19	80.4	5.81	5.5	SR13	12/22/2018 15:10	21.40	80.3	5.80	5.6	SR13	12/22/2018 21:10	21.27	83.1	6.00	5.1
SR13	12/22/2018 3:15	21.16	84.6	6.34	7.7	SR13	12/22/2018 9:15	21.23	82.5	5.96	7.1	SR13	12/22/2018 15:15	21.33	83.0	6.00	6.5	SR13	12/22/2018 21:15	21.27	80.8	5.84	5.0
SR13	12/22/2018 3:20	21.22	86.4	6.48	6.5	SR13	12/22/2018 9:20	21.22	80.8	5.84	7.7	SR13	12/22/2018 15:20	21.35	82.3	5.94	5.9	SR13	12/22/2018 21:20	21.23	80.2	5.79	6.5
SR13	12/22/2018 3:25	21.19	86.4	6.48	7.4	SR13	12/22/2018 9:25	21.26	81.5	5.89	7.0	SR13	12/22/2018 15:25	21.40	83.1	6.00	6.5	SR13	12/22/2018 21:25	21.25	81.6	5.89	4.5
SR13	12/22/2018 3:30	21.16	85.8	6.43	7.1	SR13	12/22/2018 9:30	21.21	81.4	5.88	7.2	SR13	12/22/2018 15:30	21.38	81.2	5.87	7.0	SR13	12/22/2018 21:30	21.22	81.3	5.87	6.0
SR13	12/22/2018 3:35	21.21	83.3	6.25	6.9	SR13	12/22/2018 9:35	21.23	79.2	5.73	6.7	SR13	12/22/2018 15:35	21.37	80.6	5.82	6.0	SR13	12/22/2018 21:35	21.28	82.5	5.96	4.9
SR13	12/22/2018 3:40	21.19	83.3	6.26	6.0	SR13	12/22/2018 9:40	21.25	80.4	5.81	7.2	SR13	12/22/2018 15:40	21.34	82.3	5.94	7.7	SR13	12/22/2018 21:40	21.22	79.8	5.77	5.7
SR13	12/22/2018 3:45	21.17	85.8	6.44	7.2	SR13	12/22/2018 9:45	21.21	79.5	5.75	6.7	SR13	12/22/2018 15:45	21.34	82.6	5.96	6.8	SR13	12/22/2018 21:45	21.25	81.8	5.91	4.4
SR13	12/22/2018 3:50	21.19	84.5	6.35	6.7	SR13	12/22/2018 9:50	21.18	79.2	5.73	6.9	SR13	12/22/2018 15:50	21.37	82.4	5.95	6.4	SR13	12/22/2018 21:50	21.26	82.0	5.92	6.4
SR13	12/22/2018 3:55	21.16	85.3	6.41	6.6	SR13	12/22/2018 9:55	21.21	80.1	5.79	6.1	SR13	12/22/2018 15:55	21.35	82.3	5.94	7.3	SR13	12/22/2018 21:55	21.24	80.9	5.84	5.0
SR13	12/22/2018 4:00	21.21	85.1	6.39	5.2	SR13	12/22/2018 10:00	21.25	82.4	5.95	6.3	SR13	12/22/2018 16:00	21.38	80.8	5.83	6.0	SR13	12/22/2018 22:00	21.26	82.3	5.94	5.2
SR13	12/22/2018 4:05	21.19	84.7	6.36	6.8	SR13	12/22/2018 10:05	21.21	79.3	5.74	5.3	SR13	12/22/2018 16:05	21.32	81.3	5.88	7.2	SR13	12/22/2018 22:05	21.28	80.8	5.84	6.4
SR13	12/22/2018 4:10	21.17	86.0	6.46	7.5	SR13	12/22/2018 10:10	21.24	82.0	5.92	5.3	SR13	12/22/2018 16:10	21.32	81.4	5.88	6.7	SR13	12/22/2018 22:10	21.25	82.9	5.99	6.1
SR13	12/22/2018 4:15	21.21	83.1	6.25	6.6	SR13	12/22/2018 10:15	21.19	80.3	5.81	6.5	SR13	12/22/2018 16:15	21.33	80.6	5.82	5.8	SR13	12/22/2018 22:15	21.23	81.6	5.90	5.6
SR13	12/22/2018 4:20	21.23	84.2	6.33	6.5	SR13	12/22/2018 10:20	21.22	79.9	5.78	6.5	SR13	12/22/2018 16:20	21.35	82.9	5.98	6.9	SR13	12/22/2018 22:20	21.24	80.0	5.78	6.4
SR13	12/22/2018 4:25	21.19	86.0	6.45	5.1	SR13	12/22/2018 10:25	21.21	81.1	5.86	6.3	SR13	12/22/2018 16:25	21.31	83.0	5.99	7.3	SR13	12/22/2018 22:25	21.24	81.5	5.89	6.1
SR13	12/22/2018 4:30	21.20	87.1	6.54	6.6	SR13	12/22/2018 10:30	21.22	80.2	5.80	5.6	SR13	12/22/2018 16:30	21.35	83.1	6.00	6.2	SR13	12/22/2018 22:30	21.24	80.5	5.82	5.6
SR13	12/22/2018 4:35	21.21	86.1	6.47	4.8	SR13	12/22/2018 10:35	21.26	80.9	5.85	6.8	SR13	12/22/2018 16:35	21.36	82.6	5.96	7.0	SR13	12/22/2018 22:35	21.27	81.0	5.85	5.8
SR13	12/22/2018 4:40	21.19	85.3	6.41	7.4	SR13	12/22/2018 10:40	21.25	79.0	5.71	8.0	SR13	12/22/2018 16:40	21.35	83.2	6.01	4.8	SR13	12/22/2018 22:40	21.28	82.3	5.94	6.2
SR13	12/22/2018 4:45	21.21	85.3	6.41	5.5	SR13	12/22/2018 10:45	21.22	82.4	5.96	5.3	SR13	12/22/2018 16:45	21.35	79.8	5.76	6.0	SR13	12/22/2018 22:45	21.23	79.3	5.73	7.3
SR13	12/22/2018 4:50	21.17	84.4	6.35	7.1	SR13	12/22/2018 10:50	21.29	80.8	5.84	6.4	SR13	12/22/2018 16:50	21.38	83.1	6.00	6.9	SR13	12/22/2018 22:50	21.25	80.8	5.83	6.1
SR13	12/22/2018 4:55	21.18	84.6	6.36	7.2	SR13	12/22/2018 10:55	21.21	80.4	5.82	5.8	SR13	12/22/2018 16:55	21.35	81.0	5.84	8.0	SR13	12/22/2018 22:55	21.26	79.2	5.72	5.6
SR13	12/22/2018 5:00	21.19	86.5	6.49	7.7	SR13	12/22/2018 11:00	21.28	81.9	5.92	6.0	SR13	12/22/2018 17:00	21.36	82.5	5.95	5.0	SR13	12/22/2018 23:00	21.28	79.4	5.73	6.2
SR13	12/22/2018 5:05	21.16	83.1	6.26	5.8	SR13	12/22/2018 11:05	21.26	80.7	5.83	5.3	SR13	12/22/2018 17:05	21.38	81.6	5.89	6.0	SR13	12/22/2018 23:05	21.25	80.1	5.78	4.0
SR13	12/22/2018 5:10	21.20	83.5	6.29	6.8	SR13	12/22/2018 11:10	21.27	79.8	5.77	5.6	SR13	12/22/2018 17:10	21.41	83.1	6.00	5.4	SR13	12/22/2018 23:10	21.26	81.8	5.91	5.3
SR13	12/22/2018 5:15	21.22	86.4	6.49	5.9	SR13	12/22/2018 11:15	21.27	81.1	5.87	6.5	SR13	12/22/2018 17:15	21.36	81.1	5.85	7.6	SR13	12/22/2018 23:15	21.29	82.3	5.94	5.5
SR13	12/22/2018 5:20	21.21	84.9	6.39	7.6	SR13	12/22/2018 11:20	21.29	79.8	5.77	6.7	SR13	12/22/2018 17:20	21.40	80.0	5.78	6.4	SR13	12/22/2018 23:20	21.26	80.7	5.83	7.0
SR13	12/22/2018 5:25	21.21	86.2	6.47	7.3	SR13	12/22/2018 11:25	21.28	82.9	5.99	6.6	SR13	12/22/2018 17:25	21.38	81.6	5.89	6.6	SR13	12/22/2018 23:25	21.29	80.0	5.78	5.5
SR13	12/22/2018 5:30	21.16	84.1	6.32	8.9	SR13	12/22/2018 11:30	21.25	83.0	6.00	7.3	SR13	12/22/2018 17:30	21.31	82.9	5.98	5.2	SR13	12/22/2018 23:30	21.25	79.6	5.75	6.6
SR13	12/22/2018 5:35	21.20	82.1	6.14	6.1	SR13	12/22/2018 11:35	21.21	79.5	5.75	7.0	SR13	12/22/2018 17:35	21.29	81.1	5.86	7.0	SR13	12/22/2018 23:35	21.29	78.9	5.70	7.5
SR13	12/22/2018 5:40	21.20	82.1	6.10	7.2	SR13	12/22/2018 11:40	21.27	82.9	5.99	6.1	SR13	12/22/2018 17:40	21.36	80.9	5.84	6.4	SR13	12/22/2018 23:40	21.27	82.0	5.92	3.6
SR13	12/22/2018 5:45	21.18	80.9	6.01	6.7	SR13	12/22/2018 11:45	21.25	82.1	5.94	7.8	SR13	12/22/2018 17:45	21.30	83.2	6.01	6.0	SR13	12/22/2018 23:45	21.27	79.9	5.78	5.8
SR13	12/22/2018 5:50	21.21	83.8	6.07	4.4	SR13	12/22/2018 11:50	21.26	82.0	5.93	5.8	SR13	12/22/2018 17:50	21.28	81.0	5.85	4.7	SR13	12/22/2018 23:50	21.29	81.5	5.88	6.1
SR13	12/22/2018 5:55	21.20	80.8	5.85	6.9	SR13	12/22/2018 11:55	21.28	81.7	5.90	6.4	SR13	12/22/2018 17:55	21.32	80.8	5.83	6.0	SR13	12/22/2018 23:55	21.27	79.7	5.76	6.8

Station	Timestamp	NH_3 (mg/L)				Station	Timestamp	NH_3 (mg/L)			
SR4	12/22/2018 0:17	0.09				SR12	12/22/2018 0:17	0.05			
SR4	12/22/2018 0:37	0.08				SR12	12/22/2018 0:37	0.05			
SR4	12/22/2018 0:57	0.06				SR12	12/22/2018 0:57	0.07			
SR4	12/22/2018 1:17	0.07				SR12	12/22/2018 1:17	0.06			
SR4	12/22/2018 1:37	0.09				SR12	12/22/2018 1:37	0.08			
SR4	12/22/2018 1:57	0.08				SR12	12/22/2018 1:57	0.10			
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SR4	12/22/2018 2:37	0.09				SR12	12/22/2018 2:37	0.05			
SR4	12/22/2018 2:57	0.08				SR12	12/22/2018 2:57	0.09			
SR4	12/22/2018 3:17	0.08				SR12	12/22/2018 3:17	0.06			
SR4	12/22/2018 3:37	0.07				SR12	12/22/2018 3:37	0.09			
SR4	12/22/2018 3:57	0.06				SR12	12/22/2018 3:57	0.09			
SR4	12/22/2018 4:17	0.07				SR12	12/22/2018 4:17	0.07			
SR4	12/22/2018 4:37	0.06				SR12	12/22/2018 4:37	0.07			
SR4	12/22/2018 4:57	0.09				SR12	12/22/2018 4:57	0.11			
SR4	12/22/2018 5:17	0.08				SR12	12/22/2018 5:17	0.10			
SR4	12/22/2018 5:37	0.08				SR12	12/22/2018 5:37	0.06			
SR4	12/22/2018 5:57	0.09				SR12	12/22/2018 5:57	0.06			
SR4						SR12					
SR4	12/22/2018 6:37	0.06				SR12	12/22/2018 6:37	0.07			
SR4	12/22/2018 6:57	0.07				SR12	12/22/2018 6:57	0.07			
SR4	12/22/2018 7:17	0.06				SR12	12/22/2018 7:17	0.06			
SR4	12/22/2018 7:37	0.08				SR12	12/22/2018 7:37	0.05			
SR4	12/22/2018 7:57	0.07				SR12	12/22/2018 7:57	0.06			
SR4	12/22/2018 8:17	0.09				SR12	12/22/2018 8:17	0.08			
SR4	12/22/2018 8:37	0.08				SR12	12/22/2018 8:37	0.09			
SR4	12/22/2018 8:57	0.09				SR12	12/22/2018 8:57	0.08			
SR4	12/22/2018 9:17	0.08				SR12	12/22/2018 9:17	0.07			
SR4	12/22/2018 9:37	0.06				SR12	12/22/2018 9:37	0.10			
SR4	12/22/2018 9:57	0.06				SR12	12/22/2018 9:57	0.07			
SR4	12/22/2018 10:17	0.09				SR12	12/22/2018 10:17	0.05			
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SR4	12/22/2018 11:57	0.08				SR12	12/22/2018 11:57	0.07			
SR4	12/22/2018 12:17	0.10				SR12	12/22/2018 12:17	0.04			
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SR4	12/22/2018 16:57	0.07				SR12	12/22/2018 16:57	0.07			
SR4	12/22/2018 17:17	0.06				SR12	12/22/2018 17:17	0.09			
SR4	12/22/2018 17:37	0.08				SR12	12/22/2018 17:37	0.09			
SR4	12/22/2018 17:57	0.07				SR12	12/22/2018 17:57	0.04			
SR4	12/22/2018 18:17	0.09				SR12	12/22/2018 18:17	0.10			
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SR4	12/22/2018 18:57	0.07				SR12	12/22/2018 18:57	0.07			
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SR4	12/22/2018 20:17	0.08				SR12	12/22/2018 20:17	0.10			
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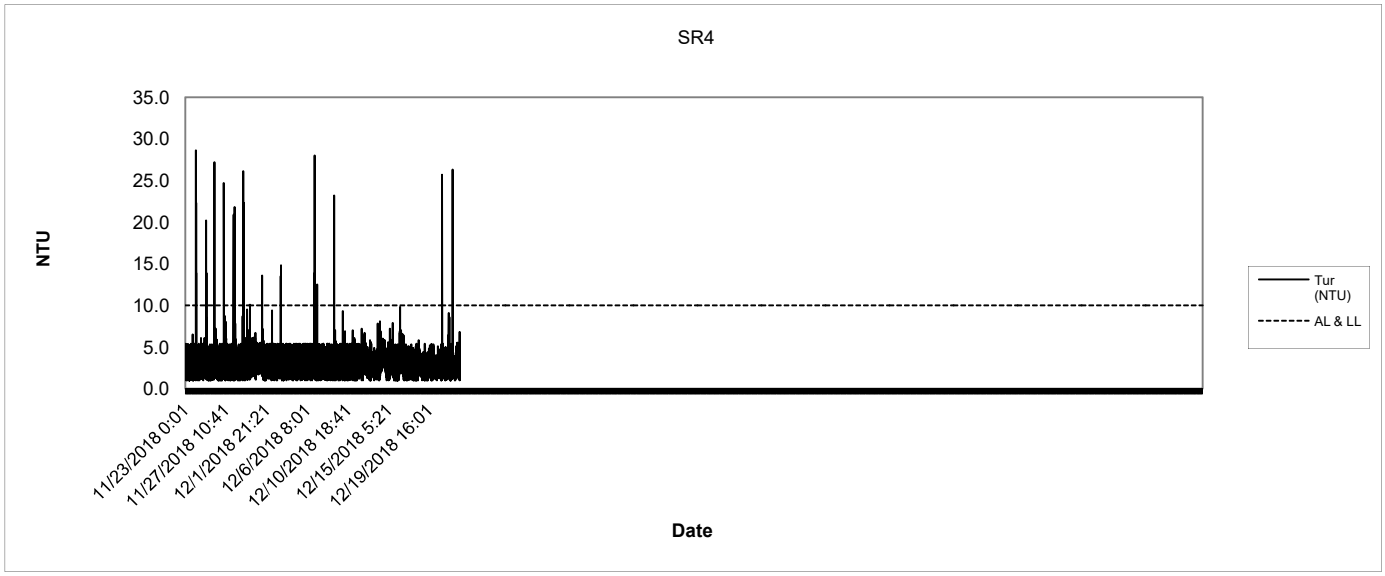
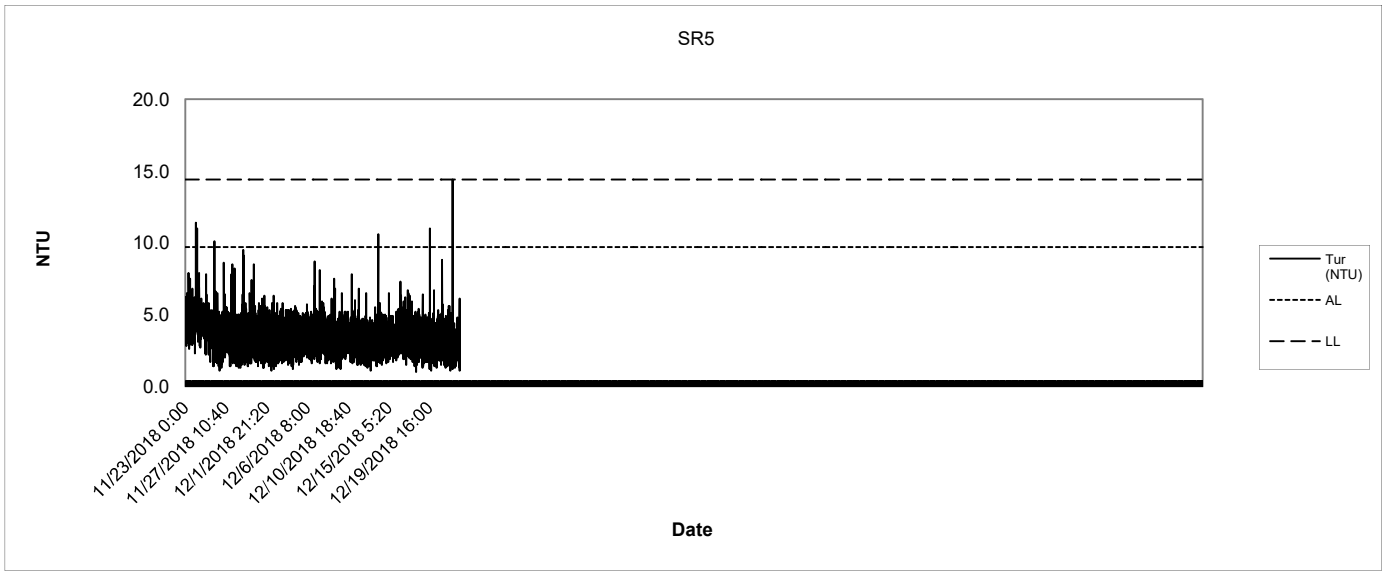
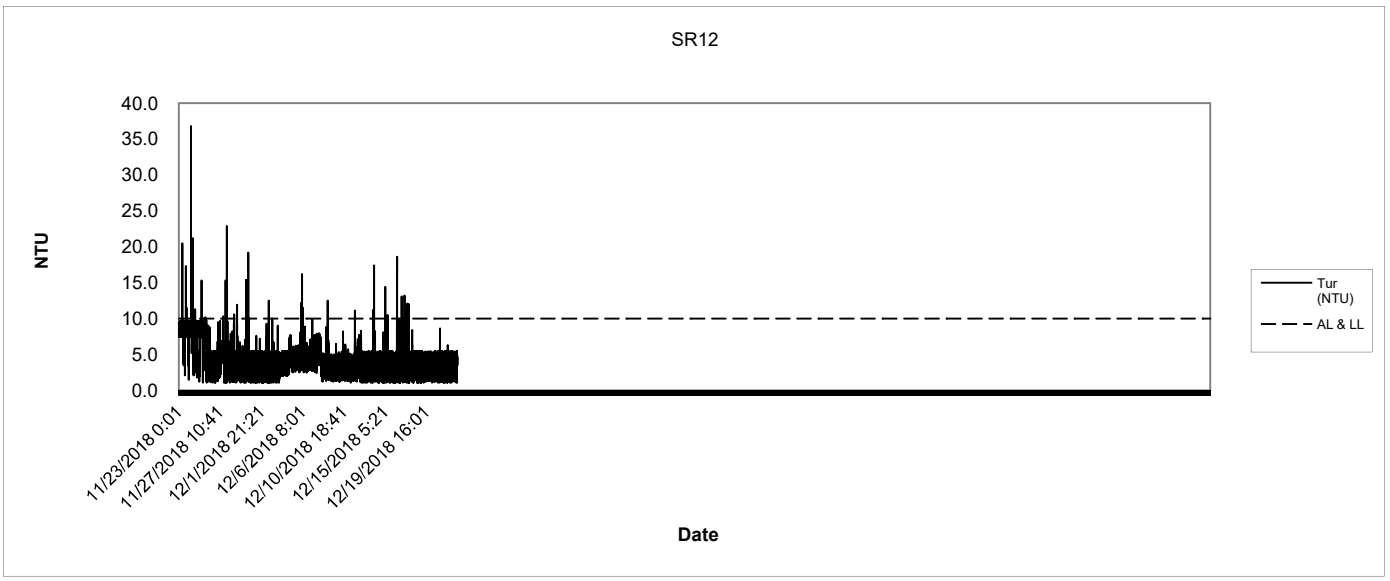
SR4	12/22/2018 21:57	0.06				SR12	12/22/2018 21:57	0.07			
SR4	12/22/2018 22:17	0.09				SR12	12/22/2018 22:17	0.07			
SR4	12/22/2018 22:37	0.06				SR12	12/22/2018 22:37	0.06			
SR4	12/22/2018 22:57	0.09				SR12	12/22/2018 22:57	0.07			
SR4	12/22/2018 23:17	0.09				SR12	12/22/2018 23:17	0.06			
SR4	12/22/2018 23:37	0.08				SR12	12/22/2018 23:37	0.06			
SR4	12/22/2018 23:57	0.08				SR12	12/22/2018 23:57	0.07			

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

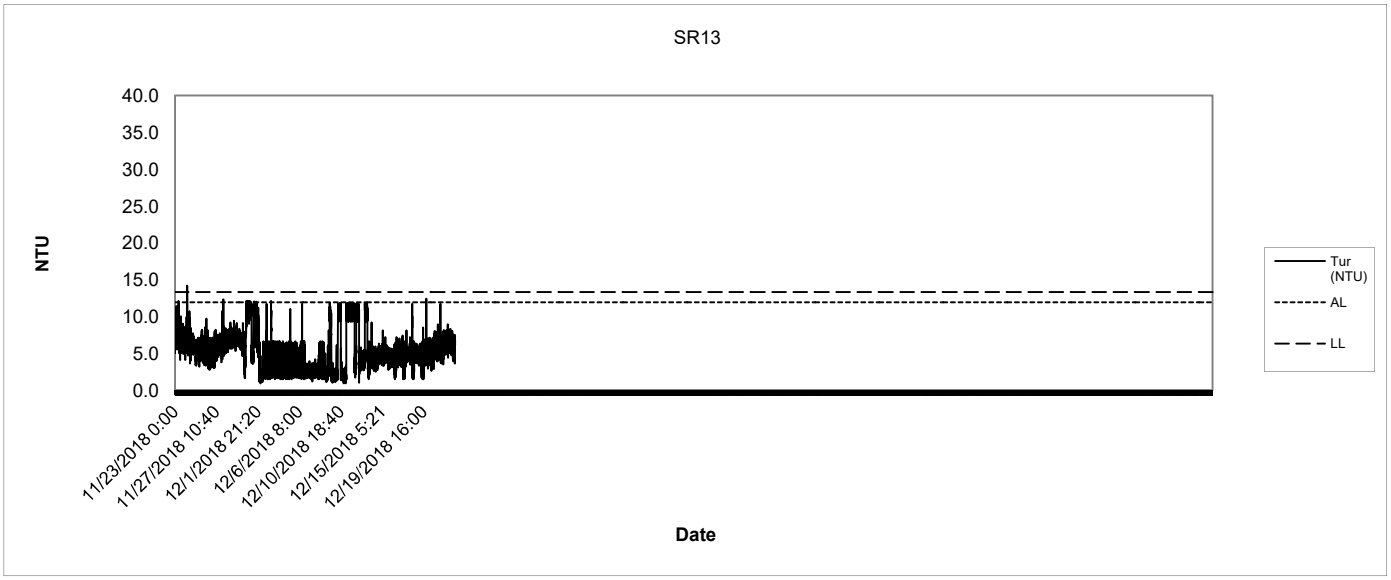
Turbidity
24-hr Water Quality Monitoring



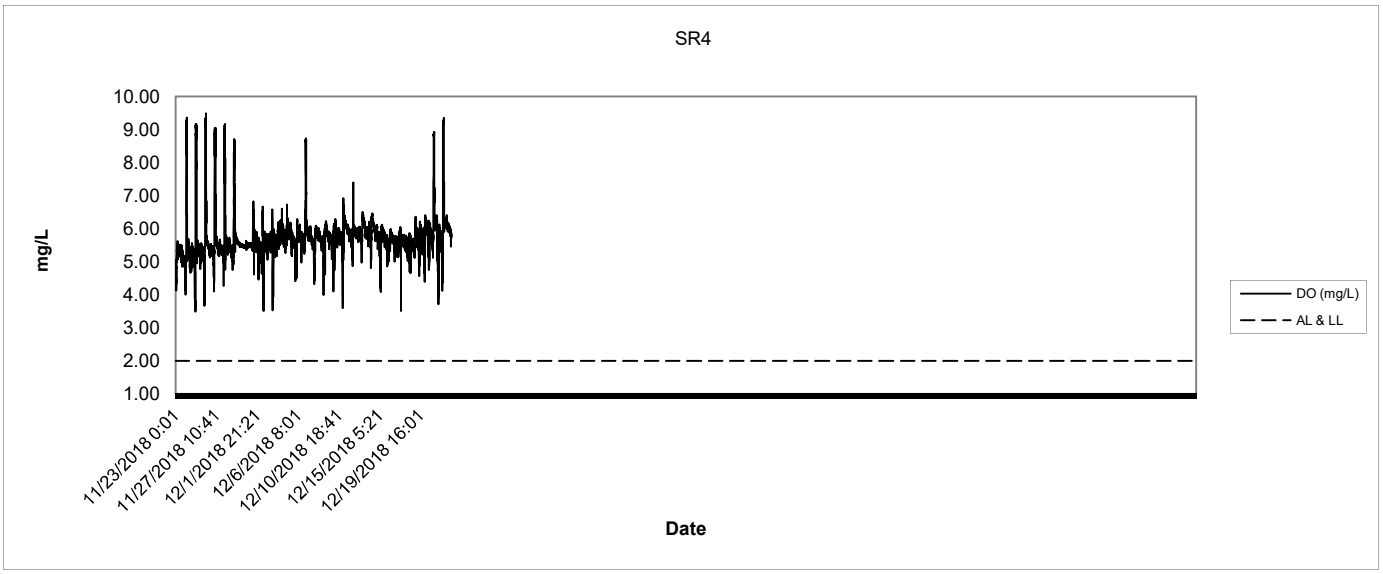


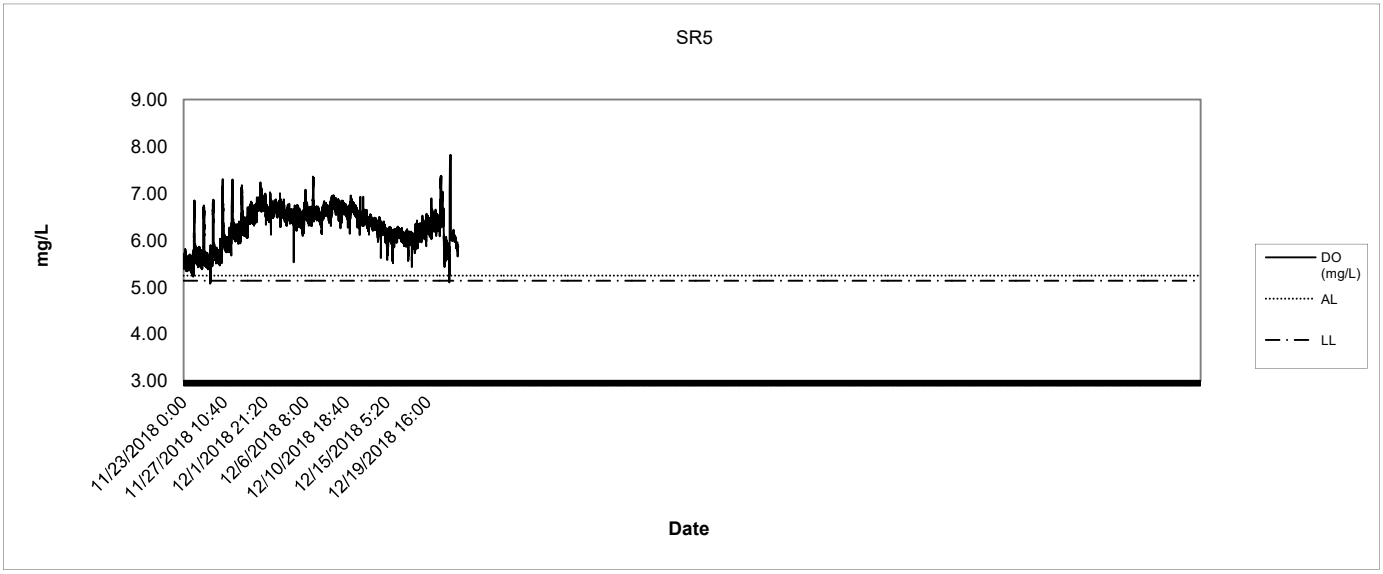


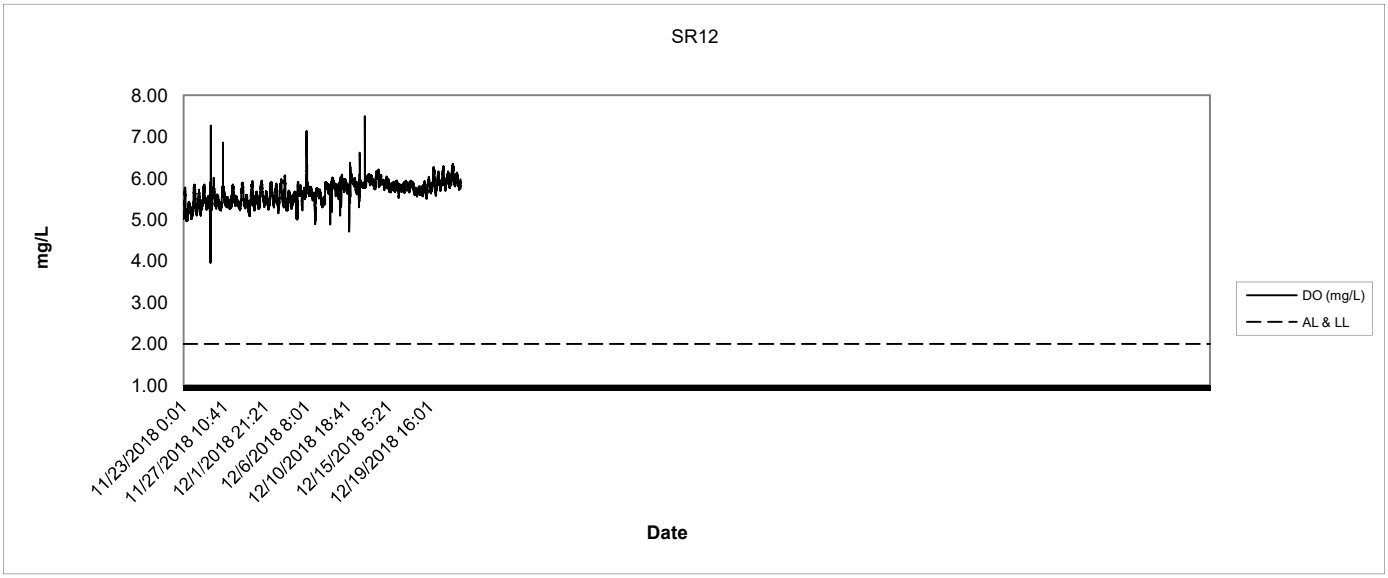
Turbidity
24-hr Water Quality Monitoring



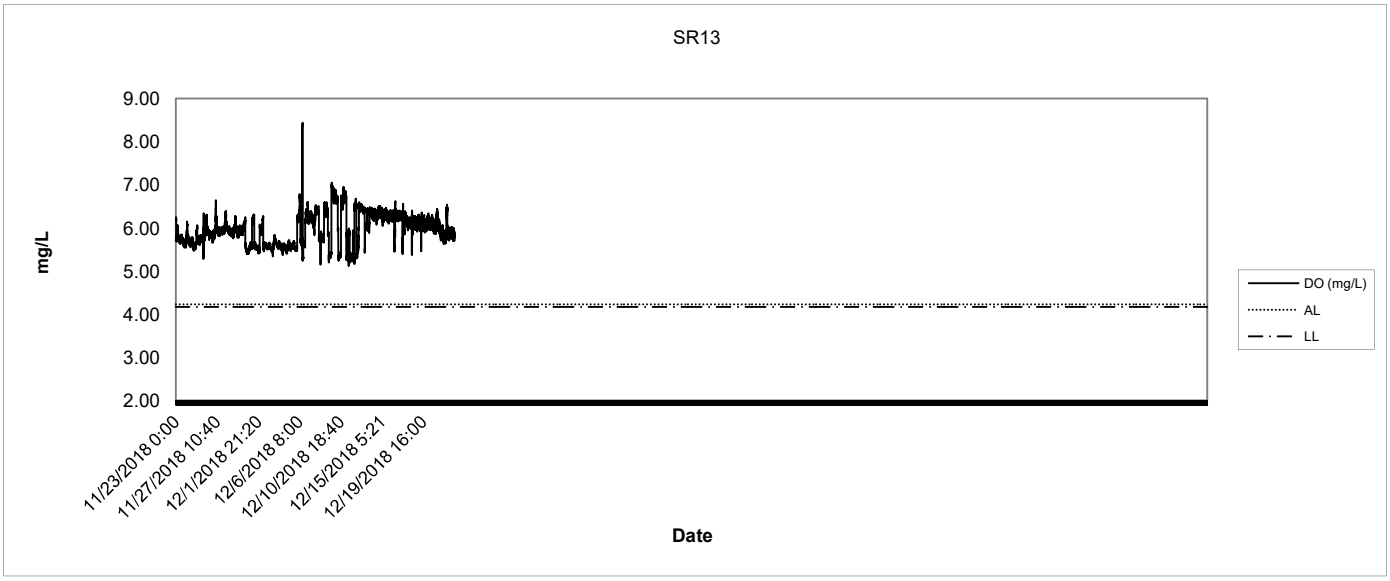
Dissolved Oxygen
24-hr Water Quality Monitoring



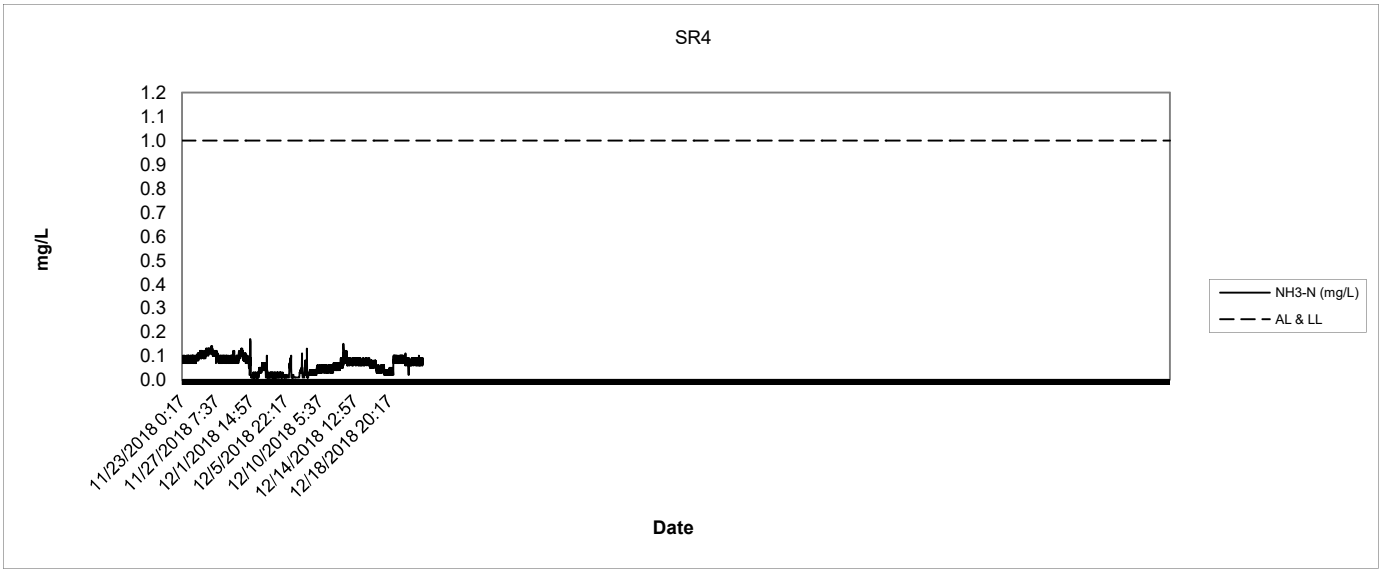


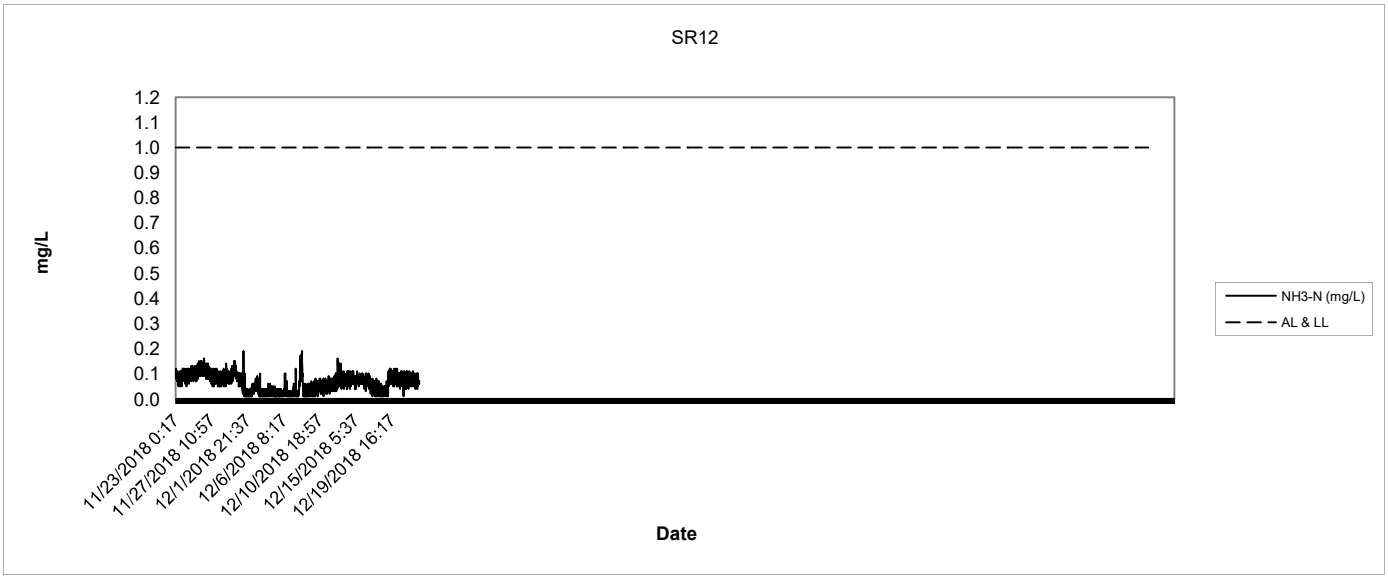


Dissolved Oxygen
24-hr Water Quality Monitoring



Ammonia-N
24-hr Water Quality Monitoring





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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/0371A

Appendix I

Details of Notification of Exceedances

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Report No.: 0394/13/ED/0371A

Routine Impact Monitoring

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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.:	20181124 /IM/SR3
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and Its Approach Channel
Date:	24/11/2018
Time: (hh:mm)	Mid-Flood: 07:30 Mid-Ebb: 11:50
Monitoring Location:	SR3 –Approach, Gazetted Beach
Action Level / Limit Level:	DO (S&M): 5.45/5.39 mg/L NH3-N: 0.21/0.24 mg/L ; DO (B): 5.53/5.27 mg/L Turbidity: 6.7 / 10.1 NTU TSS : 12 /19 mg/L _____ : ____/____ mg/L
Measured Level of exceeded parameters (tick / fill in / circle as appropriate)	Mid-Flood: DO (S&M): _____AL / LL DO (B): _____AL / LL Turbidity: _____AL / LL NH3-N(In-situ): _____AL / LL NH3-N(Lab): _____AL / LL TSS : 12 (AL) / LL Mid-Ebb: DO (S&M): _____AL / LL DO (B): _____AL / LL Turbidity: _____AL / LL NH3-N(In-situ): _____AL / LL NH3-N(Lab): _____AL / LL 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: _____

		DO(S&M)	DO(B)	Turbidity	NH3-N	TSS
Possible reason for Action or Limit Level Non-compliance: (tick / fill in as appropriate)	☐ 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: Wingo So

Signature: _____

Date (dd/mm/yyyy): 08/01/2019

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature: _____

Date (dd/mm/yy): 08/01/2019

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.:	20181124 /IM/SR4
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	24/11/2018
Time: (hh:mm)	Mid-Flood: 07:12 Mid-Ebb: 12:08
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 :	11 AL / (LL)	E.coli :	AL / LL	TSS :	AL / LL

Action taken / to be taken: (tick / fill in as appropriate)

Inspection:
- ☐ Silt curtain in proper condition
- ☑ Dredging rate within accepted rate
- ☑ Monitoring equipment is checked and confirmed without problem.
- ☐ Others: _____

Possible reason for Action or Limit Level Non-compliance: (tick / fill in as appropriate)

	DO(S&M)	DO(B)	Turbidity	TSS	E.coli
	Findings / Evidences				
☐ Station at Upstream Location at ME					
☐ Upstream Control Station ( ) exceeded AL/LL					
☐ No increasing / ~~decreasing (for DO)~~ trend across the Project at MF	Upstream: ( )mg/L Downstream: ( )mg/L	Upstream: ( )mg/L Downstream: ( )mg/L	Upstream: ( )NTU Downstream: ( )NTU	Upstream: ( )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: Wingo So

Signature: _____

Date (dd/mm/yyyy): 08 / 01 / 2019

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature: _____

Date (dd/mm/yy): 08 / 01 / 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
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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.:	20181127 /IM/SR2
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	27/11/2018
Time: (hh:mm)	Mid-Flood: 09:45 Mid-Ebb: 14:34
Monitoring Location:	SR2 – Casam, Gazetted Beach
Action Level / Limit Level:	DO (S&M): 5.45/5.39 mg/L NH3-N: 0.21/0.24 mg/L ; DO (B): 5.53/5.27 mg/L Turbidity: 6.7 / 10.1 NTU 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): 5.22 AL / (LL)	DO (S&M): ____ AL / LL	DO (B): ____ AL / LL
	Turbidity: ____ AL / LL	NH3-N(In-situ): ____ AL / LL	Turbidity: 8.3 (AL) / LL	NH3-N(In-situ): ____ AL / LL
	NH3-N(Lab): ____ AL / LL	____ : ____ AL / LL	NH3-N(Lab): ____ AL / LL	____ : ____ AL / LL

Action taken / to be taken: (tick / fill in as appropriate)

Inspection:
- ☐ Silt curtain in proper condition
- ☐ Dredging rate within accepted rate
- ☑ Monitoring equipment is checked and confirmed without problem.
- ☐ Others: _____

Possible reason for Action or Limit Level Non-compliance: (tick / fill in as appropriate)

	DO(S&M)	DO(B)	Turbidity	NH3-N	
	Findings / Evidences				
☐ Station at Upstream Location at ME					
☐ Upstream Control Station ( ) 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):	5.22	Turbidity:	
	NH3-N:		:		:	
Mid-Ebb:	DO (S&M):		DO (B):		Turbidity:	8.3
	NH3-N:		:		:	

☐ _____

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

Prepared by: Wingo So

Signature:

Date (dd/mm/yyyy): 08/01/2019

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature:

Date (dd/mm/yy): 08/01/2019

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
DO (S&M) – Dissolved Oxygen (Surface & Middle)
LL – Limit Level
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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.:	20181127 /IM/SR3
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and Its Approach Channel
Date:	27/11/2018
Time: (hh:mm)	Mid-Flood: 09:21 Mid-Ebb: 15:18
Monitoring Location:	SR3 –Approach, Gazetted Beach
Action Level / Limit Level:	DO (S&M): 5.45/5.39 mg/L NH3-N: 0.21/0.24 mg/L ; DO (B): 5.53/5.27 mg/L Turbidity: 6.7 / 10.1 NTU 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	NH3-N(In-situ): ____AL / LL			Turbidity: 7.0 (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)

	DO(S&M)	DO(B)	Turbidity	NH3-N	TSS
☐ 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:	7.0	
	NH3-N:						

☐ _____

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

Prepared by: Wingo So

Signature:

Date (dd/mm/yyyy): 08/01/2019

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature:

Date (dd/mm/yy): 08/01/2019

Notes:
- Abbreviation:
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DO (S&M) – Dissolved Oxygen (Surface & Middle)
LL – Limit Level
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NH3-N (Lab) – Ammoniacal Nitrogen (Laboratory results)
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TIN (Lab) – Total Inorganic Nitrogen (Laboratory results)
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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.:	20181127 /IM/SR4
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	27/11/2018
Time: (hh:mm)	Mid-Flood: 08:55 Mid-Ebb: 15:43
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 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: Wingo So

Signature: _____

Date (dd/mm/yyyy): 08/01/2019

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature: _____

Date (dd/mm/yy): 08/01/2019

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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Email : mcl@fugro.com.hk

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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.:	20181127 /IM/SR5
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	27/11/2018
Time: (hh:mm)	Mid-Flood: 10:12 Mid-Ebb: 14:13
Monitoring Location:	SR5 – Ma Wan FCZ
Action Level / Limit Level:	DO (S&M): 5.45/ 5.39 mg/L Turbidity: 6.7/ 10.4 NTU DO (B): 5.43/ 5.27 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):	0.45 AL / (LL)	Turbidity:	8.1 (AL) / LL	TIN(In-situ):	0.41 AL / (LL)
	TIN(Lab):	0.42 AL / (LL)	TSS :	___ AL / LL	TIN(Lab):	0.41 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: ___ ( ) Downstream: ___	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:	0.45				
Mid-Ebb:	DO (S&M):		DO (B):		Turbidity:	8.1
	TIN:	0.41				

☐ _____

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

Prepared by: Wingo So

Signature: _____

Date (dd/mm/yyyy): 08/01/2019.

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature: _____

Date (dd/mm/yy): 08/01/2019

Notes:
- Abbreviation:
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Impact Water Quality Monitoring

Incident Report on Action Level or Limit Level Non-compliance

Reference No.:	20181129 /IM/SR5
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	29/11/2018
Time: (hh:mm)	Mid-Flood: 14:38 Mid-Ebb: 13:37
Monitoring Location:	SR5 – Ma Wan FCZ
Action Level / Limit Level:	DO (S&M): 5.45/ 5.39 mg/L; DO (B): 5.43/ 5.27 mg/L; TSS : 12 / 19 mg/L; Turbidity: 6.7/ 10.4 NTU; TIN : 0.45/0.50$_{(wet\ season)}$ or 0.36/0.39$_{(dry\ season)}$ 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): 0.54 AL / (LL)	Turbidity: ____ AL / LL	TIN(In-situ): 0.47 AL / (LL)
	TIN(Lab): 0.42 AL / (LL)	TSS : ____ AL / LL	TIN(Lab): 0.41 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: Downstream:	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:	0.54		:			:
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: Wingo So

Signature: _____

Date (dd/mm/yyyy): 08 / 01 / 2019

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature: _____

Date (dd/mm/yy): 08 / 01 / 2019

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
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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.:	20181201 /IM/SR5
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	01/12/2018
Time: (hh:mm)	Mid-Flood: 10:59 Mid-Ebb: 08:38
Monitoring Location:	SR5 – Ma Wan FCZ
Action Level / Limit Level:	DO (S&M): 5.45/ 5.39 mg/L; Turbidity: 6.7/ 10.4 NTU DO (B): 5.43/ 5.27 mg/L; TIN: 0.45/0.50$_{(wet\ season)}$ or 0.36/0.39$_{(dry\ season)}$ mg/L TSS : 12 / 19 mg/L : / mg/L
Measured Level of exceeded parameters: (tick / fill in / circle as appropriate)	Mid-Flood: DO (S&M): ____AL / LL; DO (B): ____AL / LL; Turbidity: ____AL / LL; TIN(In-situ): 0.53 AL / (LL); TIN(Lab): 0.59 AL / (LL); TSS : ____AL / LL Mid-Ebb: DO (S&M): ____AL / LL; DO (B): ____AL / LL; Turbidity: ____AL / LL; TIN(In-situ): 0.50 AL / (LL); TIN(Lab): 0.59 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: ( ) Downstream: ( )	Upstream: ____( )mg/L Downstream: ( )mg/L	
☑ No Dredging Works carried out.					
Conclusion: ☑ Due to change or/and influence of ambient condition in the vicinity, i.e. not Project related.				✓	✓

Remarks: (tick / fill in as appropriate)

Repeat In-situ measurement was done.

Mid-Flood:	DO (S&M):		DO (B):		Turbidity:	
	TIN:	0.53	:	:	:	:
Mid-Ebb:	DO (S&M):		DO (B):		Turbidity:	
	TIN:	0.50	:	:	:	:

☐ _____

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

Prepared by: Wingo So

Signature: _____

Date (dd/mm/yyyy): 08 / 01 / 2019

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature: _____

Date (dd/mm/yy): 08 / 01 / 2019

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
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NH3-N (Lab) – Ammoniacal Nitrogen (Laboratory results)
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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.:	20181204 /IM/SR5
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	04/12/2018
Time: (hh:mm)	Mid-Flood: 13:47 Mid-Ebb: 10:39
Monitoring Location:	SR5 – Ma Wan FCZ
Action Level / Limit Level:	DO (S&M): 5.45/ 5.39 mg/L; Turbidity: 6.7/ 10.4 NTU DO (B): 5.43/ 5.27 mg/L; TIN: 0.45/0.50$_{(wet\ season)}$ or 0.36/0.39$_{(dry\ season)}$ mg/L TSS : 12 / 19 mg/L; : / mg/L
Measured Level of exceeded parameters: (tick / fill in / circle as appropriate)	Mid-Flood: DO (S&M): ____ AL / LL; DO (B): ____ AL / LL; Turbidity: ____ AL / LL; TIN(In-situ): 0.64 AL / (LL); TIN(Lab): 0.67 AL / (LL); TSS : ____ AL / LL Mid-Ebb: DO (S&M): ____ AL / LL; DO (B): ____ AL / LL; Turbidity: ____ AL / LL; TIN(In-situ): 0.70 AL / (LL); TIN(Lab): 0.67 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: ( ) Downstream: ( )	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:	0.64	:	:	:	:
Mid-Ebb:	DO (S&M):		DO (B):		Turbidity:	
	TIN:	0.70	:	:	:	:

☐

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

Prepared by: Wingo So

Signature:

Date (dd/mm/yyyy): 08 / 01 / 2019

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature:

Date (dd/mm/yy): 08 / 01 / 2019

Notes:
- Abbreviation:
AL – Action Level
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TIN (Lab) – Total Inorganic Nitrogen (Laboratory results)
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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.:	20181206 /IM/SR5
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	06/12/2018
Time: (hh:mm)	Mid-Flood: 14:40 Mid-Ebb: 12:44
Monitoring Location:	SR5 – Ma Wan FCZ
Action Level / Limit Level:	DO (S&M): 5.45/ 5.39 mg/L; DO (B): 5.43/ 5.27 mg/L; TSS : 12 / 19 mg/L; Turbidity: 6.7/ 10.4 NTU; TIN 0.45/0.50(wet season) or 0.36/0.39(dry season)mg/L; : / mg/L

Measured Level of exceeded parameters: (tick / fill in / circle as appropriate)

Mid-Flood:				Mid-Ebb:			
DO (S&M):	____AL / LL	DO (B):	____AL / LL	DO (S&M):	____AL / LL	DO (B):	____AL / LL
Turbidity:	____AL / LL	TIN(In-situ):	0.64 AL / (LL)	Turbidity:	____AL / LL	TIN(In-situ):	0.59 AL / (LL)
TIN(Lab):	0.61 AL / (LL)	TSS :	____AL / LL	TIN(Lab):	0.59 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: Downstream:	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:	0.64				
Mid-Ebb:	DO (S&M):		DO (B):		Turbidity:	
	TIN:	0.59				

☐ _____

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

Prepared by: Wingo So

Signature: _____

Date (dd/mm/yyyy): 08/01/2019

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature: _____

Date (dd/mm/yy): 08/01/2019

Notes:
- Abbreviation:
AL – Action Level
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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.:	20181206 /IM/SR12
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	06/12/2018
Time: (hh:mm)	Mid-Flood: 16:16 Mid-Ebb: 11:21
Monitoring Location:	SR12 – Tsing Yi, WSD Flushing Water Intake
Action Level / Limit Level:	DO (S&M): 2/2 mg/L; NH3-N: <1/<1 mg/L ; DO (B): 2/2 mg/L; Turbidity: <10/<10 NTU; Total Suspended Solids : <10/<10 mg/L _____ : _____/_____mg/L

Measured Level of exceeded parameters: (tick / fill in / circle as appropriate)								
Mid-Food:					Mid-Ebb:			
DO (S&M):	_____AL / LL	DO (B):	_____AL / LL		DO (S&M):	_____AL / LL	DO (B):	_____AL / LL
Turbidity:	_____AL / LL	NH3-N(In-situ):	_____AL / LL		Turbidity:	_____AL / LL	NH3-N(In-situ):	_____AL / LL
NH3-N(Lab):	_____AL / LL	TSS :	_____AL / LL		NH3-N(Lab):	_____AL / LL	TSS :	11 AL / (LL)

Action taken / to be taken: (tick / fill in as appropriate)

Inspection:
- ☐ Silt curtain in proper condition
- ☐ Dredging rate within accepted rate
- ☑ Monitoring equipment is checked and confirmed without problem.
- ☐ Others: _____

Possible reason for Action or Limit Level Non-compliance: (tick / fill in as appropriate)

	DO(S&M)	DO(B)	Turbidity	NH3-N	TSS
	Findings / Evidences				
☐ Station at Upstream Location at ME					
☐ Upstream Control Station (or gradient station) exceeded AL/LL					
☐ No increasing / decreasing (for DO) trend across the Project at MF	Upstream: _____ ( )mg/L Downstream: _____ ( )mg/L	Upstream: _____ ( )mg/L Downstream: _____ ( )mg/L	Upstream: _____ ( )NTU Downstream: _____ ( )NTU	Upstream: _____ ( )mg/L Downstream: _____ ( )mg/L	
☑ No Dredging Works carried out.					

Conclusion

☑ Due to change or/and influence of ambient condition in the vicinity, i.e. not Project related.					✓

Remarks: (tick / fill in as appropriate)

Repeat In-situ measurement was done.

Mid-Flood: DO (S&M): _____ DO (B): _____ Turbidity: _____
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: Wingo So

Signature:

Date (dd/mm/yyyy): 08 / 01 / 2019

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature:

Date (dd/mm/yy): 08 / 01 / 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.:	20181208 /IM/SR5
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	06/12/2018
Time: (hh:mm)	Mid-Flood: 10:00 Mid-Ebb: 11:55
Monitoring Location:	SR5 – Ma Wan FCZ
Action Level / Limit Level:	DO (S&M): 5.45/ 5.39 mg/L; Turbidity: 6.7/ 10.4 NTU DO (B): 5.43/ 5.27 mg/L; TIN: 0.45/0.50(wet season) or 0.36/0.39(dry season) mg/L TSS : 12 / 19 mg/L ; / mg/L
Measured Level of exceeded parameters: (tick / fill in / circle as appropriate)	Mid-Flood: DO (S&M): ___ AL / LL; DO (B): ___ AL / LL Turbidity: ___ AL / LL; TIN(In-situ): 0.41 AL / (LL) TIN(Lab): 0.43 AL / (LL); TSS : ___ AL / LL Mid-Ebb: DO (S&M): ___ AL / LL; DO (B): ___ AL / LL Turbidity: ___ AL / LL; TIN(In-situ): 0.48 AL / (LL) TIN(Lab): 0.42 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: 0.41 ___ ___ Mid-Ebb: DO (S&M): ___; DO (B): ___; Turbidity: ___ TIN: 0.48 ___ ___ ☐ ___

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

Prepared by: Wingo So

Signature:

Date (dd/mm/yyyy): 08/01/2019

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature:

Date (dd/mm/yy): 08/01/2019

Notes:
- Abbreviation:
AL – Action Level
DO (B) – Dissolved Oxygen (Bottom)
DO (S&M) – Dissolved Oxygen (Surface & Middle)
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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.:	20181220 /IM/SR4
Project:	CV/2013/04 - Providing Sufficient Water Depth for Kwai Tsing Container Basin and its Approach Channel
Date:	20/12/2018
Time: (hh:mm)	Mid-Flood: 06:18 Mid-Ebb: 08:42
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 : 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: Wingo So

Signature:

Date (dd/mm/yyyy): 08/01/2019

Certified by: Colin Yung

Designation: Environmental Team Leader

Signature:

Date (dd/mm/yy): 08/01/2019

Notes:
- Abbreviation:
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- Wet Season: April to October; Dry Season: November to March

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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		Use of Silt Screens	Minimize the effect of potential increase in SS levels at the seawater intakes	Contractor	WSD8, WSD9 and EMSD1	Construction Phase	
		A1	Silt Screens shall be installed at the flushing water intakes WSRs WSD1, WSD8~~, WSD9~~ and EMSD1 to minimise the effect of potential increase in SS levels at the seawater intakes.					Implemented
3.8	2.9		Use of Silt Curtains	Minimize the release of suspended soil from the dredging area	Contractor	Construction Work Sites	Construction Phase	
		A2	To minimize the potential SS impact from dredging, deployment of silt curtains around the grab dredgers is recommended; and Before commencement of dredging works, the holder of the Environmental Permit shall submit detailed proposal of the design and arrangement of the frame type silt curtain to EPD for approval.					NA – No dredging was carried out
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.					NA – No dredging was carried out
		A5	The speed of any construction vessels shall not exceed 10 knots when passing through the area of the Project.					NA – No dredging was carried out
		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.					NA – No dredging was 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.					NA – No dredging was carried out
		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)~~.					NA – No dredging was carried out
		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.					NA – No dredging was carried out
		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 dredging was carried out
		A11	The maximum dredging rate for closed grab dredger at Rambler Channel –					NA – No

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
			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.					dredging was carried out
		A12	The maximum dredging rate for closed grab dredger at Rambler Channel – Zones 5 to 8 (subzones Z5C, Z6B, Z6C, Z6D, Z7 and Z8) shall not exceed 4,000 m³ per day during both dry and wet seasons as shown in EP-426/2011/A.					NA – No dredging was carried out
		A13	The maximum dredging rate for closed grab dredger at Northern Fairway – Zones 9 to 12 shall not exceed 4,000 m³ per day during both dry and wet seasons as shown in EP-426/2011/A.					NA – No dredging was carried out
		A14	The maximum dredging rate for closed grab dredger at Western Fairway – Zone 13A shall not exceed 4,000 m³ per day during both dry and wet seasons as shown in EP-426/2011/A.					NA – No dredging was carried out
		A15	The maximum dredging rate for closed grab dredger at Western Fairway – Zone 13B shall not exceed 4,000 m³ per day during both dry and wet seasons as shown in EP-426/2011/A.					NA – 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.					NA – No dredging was carried out
		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.					NA – No dredging was carried out
		A24	Field trials shall be carried out to propose the most effective dredging					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
			process and rate to control the release of ammoniacal nitrogen and UIA into the water column and achieve compliance at the WSD1 seawater intake (NH_3-N) and at the beaches for UIA. Capital dredging works in dredging sub-zone Z2B (Figure 1.2h refers) should not therefore be carried out until the proposed method and rate are confirmed.					
		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					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
			compatible with the chemical wastes shall be used, and incompatible chemicals should be stored separately. Appropriate labels shall be securely attached on each chemical waste container indicating the corresponding chemical characteristics of the chemical waste, such as explosive, flammable, oxidizing, irritant, toxic, harmful, corrosive, etc. The Contractor shall use a licensed collector to transport and dispose of the chemical wastes, to either the approved Chemical Waste Treatment Centre, or another licensed facility, in accordance with the Waste Disposal (Chemical Waste) (General) Regulation.					
4.5	3.3		<u>Marine Dredged Sediment</u>	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	Contractor	Construction activities' area	Throughout design, construction	
8.9 Table	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

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
8-3 & 8-6		F3	Lights shall be switched off if they are not in use.	phase			phase	Implemented
		G	**Cultural Heritage**	Minimize potential marine archaeological impact during dredging activities	Contractor	Locations of the 20 unidentified sonar contacts and masked areas	During Construction works	
9.5	8		Monitoring Brief					
		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/0371A

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 _2018_ (year)

Year	Actual Quantities of Inert C&D Materials Generated Monthly					Actual Quantities of C&D Wastes Generated Monthly				
2018	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	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil
Dec	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil
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 (2018)

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			
January	nil	nil	nil
February	nil	nil	nil
March	nil	nil	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	nil	nil
November	nil	nil	nil
December	nil	nil	nil
Total	1,685,700	653,530	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/0371A

Date	Air Temperature			Mean Relative Humidity (%)	Total Rainfall (mm)
	Maximum (deg. C)	Mean (deg. C)	Minimum (deg. C)		
November 2018					
23	23.4	20.9	18.1	66	Trace
24	23.1	21.7	20.5	73	Trace
25	21.6	19.5	17.4	84	21
26	20.9	19	17	89	15.7
27	22.5	20.5	19	83	16.3
28	21.4	20.3	19.2	89	7.7
29	23.3	21.3	19.8	75	Trace
30	23.2	21.5	20.1	72	0
December 2018					
1	24.2	22.1	21.1	78	0
2	24.3	22.4	21.2	83	0
3	26	23.7	22	79	0
4	27.1	24.8	22.7	78	0
5	24.8	23.6	22.5	82	Trace
6	25.1	23.3	21.6	84	0.1
7	23.3	21.1	18.5	88	1
8	19.7	18	16.7	76	0
9	18.3	17	16.4	75	Trace
10	18.3	17	15.1	75	0.2
11	20.4	18	16.5	68	Trace
12	16.5	14.9	13.7	67	0
13	18.1	15.6	13.5	68	0
14	18.2	16.8	15.5	72	0
15	21.2	18.9	17.2	75	0
16	20.9	19.3	18	74	Trace
17	21	18	15.6	56	0
18	20.2	18.1	16.2	60	0
19	21.5	19.9	18.5	78	0
20	23.2	21.6	20.1	84	0
21	25	22.4	21.4	86	0
22	25.2	22.2	20	77	0

Source: Hong Kong Observatory

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Strong Monsoon Signal

Direction	Start Time		End Time		Duration
	hh mm	dd/mon/yyyy	hh mm	dd/mon/yyyy	hh mm
North	9:05	22-Nov-18	12:30	22-Nov-18	03 25

Source: Hong Kong Observatory

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