



CONTRACT NO: SD 6/2020

**CONSTRUCTION OF SAN SHEK WAN SEWAGE TREATMENT WORKS,
ASSOCIATED SUBMARINE OUTFALL AND PUI O SEWERAGE WORKS**

UNDER ENVIRONMENTAL PERMIT NO. EP-538/2017

QUARTERLY ENVIRONMENTAL MONITORING & AUDIT SUMMARY REPORT

AUGUST TO OCTOBER 2022
REVISION 2

CLIENTS:

Drainage Services Department

PREPARED BY:

Lam Environmental Services Limited

19/F Remex Centre,
42 Wong Chuk Hang Road,
Hong Kong

Telephone: (852) 2882-3939
Facsimile: (852) 2882-3331
E-mail: info@lamenviro.com
Website: <http://www.lamenviro.com>

CERTIFIED BY:

Environmental Team Leader

Derek Lo

DATE:

8 December 2022



Member of the Surbana Jurong Group

local people
global experience

Our ref: 7076811/L29295/AW/KL/TK/rw

8 December 2022

Drainage Services Department
Sewage Services Branch
Special Duty Division Group 3
42/F Revenue Tower
5 Gloucester Road
Wan Chai, Hong Kong

By Email and Post
(kschan04@dsd.gov.hk)

Attention: Mr Silas CHAN

Dear Sir

Contract No. SD 7/2020
Independent Environmental Checker ("IEC") for Environmental Monitoring Work for
South Lantau Sewerage Works
Verification of Quarterly EM&A Summary Report (August 2022 – October 2022)

With reference to the Quarterly EM&A Summary Report (August 2022 – October 2022) Revision 2 certified by the ET Leader on 8 December 2022, please note that we have no adverse comments on the captioned. We hereby verify the captioned in accordance with Section 12.3 of the EM&A Manual (AEIAR-210/2017).

Should you have questions please do not hesitate to contact the undersigned at tel. 3995-8140 or by email to kitty.lee@smec.com.

Yours faithfully

Kitty LEE
Independent Environmental Checker

cc	Binnies	-	Mr Clarence CHAK / Mr Clayton LEI	by email
	Lam	-	Ms Derek LO / Mr Raymond DAI	by email
	KLCW-JV	-	Mr Charles TSE	by email

SMEC ASIA LIMITED
27/F Ford Glory Plaza, 37-39 Wing Hong Street
Cheung Sha Wan, Kowloon, Hong Kong
T +852 3995 8100
F +852 3995 8101
E hongkong@smec.com
W www.smec.com





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EXECUTIVE SUMMARY

i. This is the Quarterly Environmental Monitoring and Audit (EM&A) Summary Report – [August to October 2022](#) of Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works under Environmental Permit no. EP-538/2017 (Hereafter as “the Project”). The construction works of the Project was commenced on 3 November 2021 and the tentative completion date is [Q1 2026](#). The Quarterly EM&A Summary Report presents the environmental monitoring findings and information recorded during the period of [01 August to 31 October 2022](#). The cut-off date of reporting is at the end of each month within the reporting period.

ii. In the reporting period, the principal work activities conducted are as follow:

August 2022	September 2022	October 2022
<ul style="list-style-type: none"> Excavation, sewer laying, construction of manhole at Pui O Lo Uk Tsuen Excavation and site formation at San Shek Wan Sewage Treatment Works (SSWSTW) and Pui O Sewage Pumping Station (POSPS) Excavation at South Lantau Road SSWSTW and HDD works Site formation works at POSPS ELS works at POSPS 	<ul style="list-style-type: none"> Excavation, sewer laying, construction of manhole at Pui O Lo Uk Tsuen Excavation and site formation at San Shek Wan Sewage Treatment Works (SSWSTW) and Pui O Sewage Pumping Station (POSPS) Excavation at South Lantau Road SSWSTW and HDD works ELS works at POSPS 	<ul style="list-style-type: none"> Excavation, sewer laying, construction of manhole at Pui O Lo Uk Tsuen, South Lantau road, Pui O Beach Excavation and site formation at San Shek Wan Sewage Treatment Works (SSWSTW) and Pui O Sewage Pumping Station (POSPS) HDD works at marine and SSWSTW ELS works at POSPS

Exceedances of Action/Limit Levels

Noise Monitoring

- iii. With respect to the commencement of construction works at South Lantau Road near WSD Pui O No.2 Raw Water Pumping Station, the weekly noise monitoring at N15b – Pui O Lo Wai Tsuen was started from 11 October 2022 onwards.
- iv. Weekly noise monitoring was conducted at Seven (7) noise monitoring stations (N12a, N12b, N13, N14, N16a, N16b and N17) from 1 August to 10 October 2022 and Eight (8) noise monitoring stations (N12a, N12b, N13, N14, N15b, N16a, N16b and N17) started from 11 October 2022 once per week in the reporting period.
- v. No examination was taken place at N17 – Bui O Public School in the reporting period.
- vi. No action and limit level exceedances were recorded in construction noise level in the reporting period.



Water Quality Monitoring

- vii. Marine-based construction works commenced on 19 April 2022. Water quality monitoring was conducted at **nine (9)** monitoring stations (seven impact & two control stations) three days per week in the reporting period **starting from 12 April 2022. HDD casing works commenced on 30 May 2022.**
- viii. Water quality monitoring on 9 August 2022, flood tide on 24 August 2022, 28 September 2022, ebb tide on 30 September 2022 and 10, 18 and 20 October 2022 was cancelled due to adverse weather.
- ix. In accordance with the EM&A Manual, 19 action level and 0 limit level exceedances on DO, 27 action level and 16 limit level exceedances on turbidity, 13 action level and 30 limit level exceedances on SS were recorded in the reporting period of 1 August 2022 to 1 September 2022.
- x. Action Level exceedances were recorded on 11 August 2022 on DO, reviewed the overall work situation with no marine works and sea condition, it can be concluded that the DO exceedances were possibly due to Tropical Storm MULAN during 9 – 10 August 2022.
- xi. Overall exceedances on turbidity and SS during 1 August 2022 to 1 September 2022 (i.e. SR4, SR15 downstream to the construction site during mid-ebb, SR5, SR6, SR9, SR10 and SR12 exceedances downstream to the construction site during mid-flood,) in the reporting period were referred to the 20% / 30% of control station criteria only whereas there were no exceedance as referred to 95%-ile / 99%-ile criteria, indicating that the exceedance is due to the localized water quality better than baseline range were captured at the control station whereas the impact station are still within the baseline ranges.
- xii. Co-related the monitoring dates with those days with recorded marine works activities, no marine dredging works were active during the reporting period of 1 August to 1 September 2022. Majority of recorded marine works activities were maintenance on working barge not in contact with water, except casing installation for marine HDD works on 2 - 6 and 15 -19 August 2022 within the replaced fully enclosed silt curtain. Reviewed the overall work situation with limited marine works, it can be concluded that all the turbidity and SS exceedances were possibly due to natural runoff from streams to the sea as a result of frequent rainfall as recorded in the reporting period. (tropical cyclone warning signals recorded on 3 - 4, 9 - 10 and 23 – 25 August 2022. There was also typhoon no. 8 on 24 – 25 August 2022).
- xiii. Reviewing the “and” approach, no exceedance in turbidity and SS during 1 August 2022 to 1 September 2022 would be recorded on adopting the ‘and’ criteria in the Action and Limit Level as proposed in submitted Baseline Monitoring Report Rev. 9.2.
- xiv. In accordance with the action level and limit level in Baseline Monitoring Report Rev. 9.2 agreed by EPD on 2 September 2022, 3 action level and 0 limit level exceedances on turbidity and 6 action level and 0 limit level exceedances on SS were recorded in the reporting period of 2 September 2022 to 31 October 2022. It can be concluded that all the SS exceedances



were possibly due to natural runoff from streams to the sea as a result of frequent rainfall as recorded in the reporting period.

- xv. Action Level exceedances were recorded on 30 September 2022 on turbidity and Action Level exceedances were recorded on 7 and 26 October 2022 on SS. Strong current with brownish yellow in colour on surface of sea was observed on 7 and 26 October 2022. Co-related the monitoring dates with those days with recorded marine works activities, no marine dredging works were active during the reporting month. Majority of recorded marine works activities were maintenance on working barge not in contact with water, except casing installation for marine HDD works between 9-21 September 2022 and 7-14 October 2022 within the replaced fully enclosed silt curtain. Reviewed the overall work situation with limited marine works, it can be concluded that all the turbidity and SS exceedances were possibly due to natural runoff from streams to the sea as a result of frequent rainfall as recorded in the reporting period of 2 September 2022 to 31 October 2022 (Strong Monsoon Signal during 27 – 29 September 2022 and Amber Rainstorm Warning Signal on 30 September 2022; Tropical Cyclone Warning Signals recorded on 16-17 Oct 2022. There was also Strong Monsoon Signal on 9, 16, 18, 19, 23, 25 and 26 Oct 2022).
- xvi. All action and limit level exceedances under “or” criteria as stated in the EM&A Manual and the derived criteria proposed in Baseline Monitoring Report Rev. 9.2 agreed by EPD on 2 September 2022 were concluded as non-project related upon investigation.

Ecological Impact Monitoring

- xvii. Transplanting works for plant species, *Aquilaris sinensis*, was completed on 26 April 2022. Maintenance works for trees in holding nursery have commenced.
- xviii. As per latest version of PTP, four tree found (1 no. of *Aquilaria sinensis* and 3 nos. of *Gmelina chinensis*) within the site of SSWSTW which are considered to be the plant species with conservative importance for temporarily transplanted to the nursery at Kam Tin and eventually be transplanted to Pui O Pumping Station.
- xix. The weekly site audit was carried out by ET include checking whether good site practices are being properly implemented by the Contractor.
- xx. The extent of the work site boundaries was checked by the ET during the weekly site audit.

Complaint log

- xxi. No environmental complaint regarding the construction works was recorded in present quarter.

Notifications of Any Summons and Successful Prosecutions

- xxii. No environmental notification of any summons and successful prosecution regarding the construction works was recorded in present quarter.



1 Introduction

1.1 Scope of the Report

1.1.1. Lam Environmental Services Limited (LES) has been appointed to work as the Environmental Team (ET) under Environmental Permit (EP) no. EP-538/2017 to implement the Environmental Monitoring and Audit (EM&A) programme as stipulated in the EM&A Manual of the approved Environmental Impact Assessment (EIA) Report for Outlying Islands Sewerage Stage 2 - South Lantau Sewerage Works (Register No.: AEIAR-210/2017).

1.1.2. The Quarterly EM&A Summary Report was prepared according to Section 12.3 of the Project EM&A Manual.

1.2 Structure of the Report

Section 1 *Introduction* – details the scope and structure of the report

Section 2 *Basic Project Information* – a synopsis of project organization, programme contacts of key management, and a synopsis of work undertaken in the reporting period.

Section 3 *A Brief Summary of EM&A requirements* – including monitoring parameters, environmental quality performance limits (Action and Limit levels); and environmental mitigation measure, as recommended in the EIA Report.

Section 4 *Implementation Status* – Advice on the implementation status of environmental protection and pollution control/mitigation measures, as recommended in the EIA Report and summarised in the updated implementation schedule.

Section 5 *Monitoring Results Analysis* – the trends of the monitoring parameters in present quarter; advice on the solid and liquid waste management status.

Section 6 *Summary of Non-Compliance (exceedances) of the environmental quality performance limits, Complaints, Notification of Summons and Successful Prosecutions*

A brief review of the reasons for and the implications of non-compliance and a summary description of the actions taken and any follow-up procedures related to earlier non-compliance.

A summary record of all complaints received (written or verbal) for each media,



liaison and consultation undertaken, actions and follow-up procedures taken;

A summary record of notifications of summons and successful prosecutions for breaches of the current environmental protection/pollution control legislations, including locations and nature of the breaches, investigation, follow-up actions taken and results.

Section 7 ***Comments and Recommendations*** – such as effectiveness and efficiency of the mitigation measures, improvement in the EM&A programme, if any.

Section 8 ***Conclusion and Project Proponent's contacts and hotline telephone number for the public to make enquiries***

2. Basic Project Information

2.1 Project Organization and Key Contact Personnel

2.1.1 Drainage Services Department is the overall project controllers for the Project. For the construction phase of the Project, Contractor(s), Environmental Team and Independent Environmental Checker are appointed to manage and control environmental issues. Key personnel and contact particulars are summarised in [Figure 2.1](#) and [Table 2.1](#):

Table 2.1 Contact Details of Key Personnel

Party	Role	Post	Name	Contact No.	Contact Fax
Drainage Services Department (DSD)	The Engineer for the Contract	Engineer	Mr. Silas Chan	2594 7272	3104 6426
Binnies Hong Kong Limited	Engineer's Representative	Resident Engineer	Mr. Clarence Chak / Mr. Clayton Lei*	3529 3013	-
Kwan Lee – Chun Wo Joint Venture	Contractor	Site Agent	Mr. Charles Tse	9270 3384	2744 6937
		Environmental Officer	Ms. Shirley Kong	5162 5933	
SMEC Hong Kong	Independent Environmental Checker (IEC)	Independent Environmental Checker (IEC)	Ms. Kitty Lee	3995 8140	3995 8101
Lam Environmental Services Limited	Environmental Team (ET)	Environmental Team Leader (ETL)	Mr. Derek Lo	2882 3939	2882 3331

Notes: Engineer's Representative change from Mr. Clarence Chak to Mr. Clayton Lei start from September 2022

2.2 Construction Programme

2.2.1 The proposed sewerage works will collect the sewage generated from the unsewered areas of Shui Hau, Tong Fuk, Cheung Sha, San Shek Wan, Pui O and Ham Tin in South Lantau (i.e. within the Project Catchment Area) and convey it to a proposed sewage treatment works at San Shek Wan for treatment and disposal into outer bay of Pui O/ Chi Ma Wan via a submarine outfall.

2.2.2 The entire Project are divided into three contracts. Contract No. DC/2020/20 (the Contract) would have the following implementations as demonstrated in [Figure 2.2](#).



- 2.2.3 The major components of the Project under Environmental Permit (EP) (EP No. EP-538/2017) comprises: (i) construction of sewage treatment works at San Shek Wan (SSWSTW) and associated submarine outfall; (ii) construction of sewage pumping station at Pui O (POSPS); (iii) village sewage works at Pui O; and (iv) trunk sewers and rising mains on carriageways.

3. A Brief Summary of EM&A Requirements

3.1 Monitoring Parameters

Noise Monitoring

- 3.1.1 The construction noise level shall be measured in terms of the A-weighted equivalent continuous sound pressure level (L_{eq}). L_{eq} (30min) should be used as the monitoring parameter. Supplementary information for data auditing, statistical results such as L_{10} and L_{90} shall also be obtained for reference.
- 3.1.2 For impact monitoring for construction of village sewers / rising main, noise monitoring should be undertaken on weekly basis. One set of L_{eq} (30min) noise level as six consecutive L_{eq} (5min) between 07:00-19:00 hours on normal weekdays.

Water Quality Monitoring

- 3.1.3 In construction phase, the levels of dissolved oxygen (DO), temperature, turbidity and salinity should be measured *in-situ* while suspended solids (SS) is determined by laboratory analysis.

Ecological Impact Monitoring

- 3.1.4 Monitoring in the form of regular site inspections should be carried out to ensure ecological measures in the form of tree transplantation and establishment are being implemented and effective for plant species of conservation importance (e.g. *Aquilaria sinensis*).

3.2 Environmental Quality Performance Limits

Noise Monitoring

- 3.2.1 No action and limit level exceedances were recorded in construction noise level in the reporting period.

Water Quality Monitoring

- 3.2.2 Marine-based construction works had been commenced since 19 April 2022, marine water quality monitoring was initialised since 12 April 2022.
- 3.2.3 In accordance with the EM&A Manual, 19 action level and 0 limit level exceedances on DO, 27 action level and 16 limit level exceedances on turbidity, 13 action level and 30 limit level exceedances on SS were recorded in the reporting period of 1 August 2022 to 1 September 2022.
- 3.2.4 Action Level exceedances were recorded on 11 August 2022 on DO, reviewed the overall work situation with no marine works and sea condition, it can be concluded that the DO exceedances were possibly due to Tropical Storm MULAN during 9 – 10 August 2022.
- 3.2.5 Overall exceedances on turbidity and SS during 1 August 2022 to 1 September 2022 (i.e. SR4, SR15 downstream to the construction site during mid-ebb, SR5, SR6, SR9, SR10 and SR12

- exceedances downstream to the construction site during mid-flood,) in the reporting period were referred to the 20% / 30% of control station criteria only whereas there were no exceedance as referred to 95%-ile / 99%-ile criteria, indicating that the exceedance is due to the localized water quality better than baseline range were captured at the control station whereas the impact station are still within the baseline ranges.
- 3.2.6 Checked with contractor and RSS on the marine works activities during water Quality monitoring in the reporting period, the following activities were recorded:
- 2 - 6, 15 - 19/8/2022 - Appliance maintenance on working barge and casing installation for marine HDD works
 - 9, 12, 14, 16, 19 and 21/9/2022 - Appliance maintenance on working barge and casing installation for marine HDD works
 - 7, 10, 12, 14, and 28 October 2022 - Appliance maintenance on working barge and casing installation for marine HDD works
- 3.2.7 Co-related the monitoring dates with those days with recorded marine works activities, no marine dredging works were active during the reporting period of 1 August to 1 September 2022. Majority of recorded marine works activities were maintenance on working barge not in contact with water, except casing installation for marine HDD works on 2 - 6 and 15 -19 August 2022 within the replaced fully enclosed silt curtain. Reviewed the overall work situation with limited marine works, it can be concluded that all the turbidity and SS exceedances were possibly due to natural runoff from streams to the sea as a result of frequent rainfall as recorded in the reporting period. (tropical cyclone warning signals recorded on 3 - 4, 9 - 10 and 23 – 25 August 2022. There was also typhoon no. 8 on 24 – 25 August 2022).
- 3.2.8 Reviewing the “and“ approach, no exceedance in turbidity and SS during 1 August 2022 to 1 September 2022 would be recorded on adopting the ‘and’ criteria in the Action and Limit Level as proposed in submitted Baseline Monitoring Report Rev. 9.2.
- 3.2.9 In accordance with the action level and limit level in Baseline Monitoring Report Rev. 9.2 agreed by EPD on 2 September 2022, 3 action level and 0 limit level exceedances on turbidity and 6 action level and 0 limit level exceedances on SS were recorded in the reporting period of 2 September 2022 to 31 October 2022. It can be concluded that all the exceedances were possibly due to natural runoff from streams to the sea as a result of frequent rainfall as recorded in the reporting period of 2 September to 31 October 2022.
- 3.2.10 Action Level exceedances were recorded on 30 September 2022 on turbidity and Action Level exceedances were recorded on 7 and 26 October 2022 on SS. Strong current with brownish yellow in colour on surface of sea was observed on 7 and 26 October 2022. Co-related the monitoring dates with those days with recorded marine works activities, no marine dredging works were active during the reporting month. Majority of recorded marine works activities were maintenance on working barge not in contact with water, except casing installation for marine HDD works between 9-21 September 2022 and 7-14 October 2022 within the replaced



fully enclosed silt curtain. Reviewed the overall work situation with limited marine works, it can be concluded that all the turbidity and SS exceedances were possibly due to natural runoff from streams to the sea as a result of frequent rainfall as recorded in the reporting period of 2 September 2022 to 31 October 2022 (Strong Monsoon Signal during 27 – 29 September 2022 and Amber Rainstorm Warning Signal on 30 September 2022; Tropical Cyclone Warning Signals recorded on 16-17 Oct 2022. There was also Strong Monsoon Signal on 9, 16, 18, 19, 23, 25 and 26 Oct 2022).

3.2.11 All action and limit level exceedances under “or” criteria as stated in the EM&A Manual and the derived criteria proposed in Baseline Monitoring Report Rev. 9.2 agreed by EPD on 2 September 2022 were concluded as non-project related upon investigation.

3.2.12 Water quality monitoring is evaluated against Action and Limit Levels. The derived Action and Limit Level proposed in Baseline Monitoring Report Rev. 9.2 was agreed by EPD on 2 September 2022. Both the EM&A Manual criteria for the reporting period of 1 August 2022 to 1 September 2022 and derived criteria for the reporting period of 2 September 2022 to 31 October 2022 are shown in **Table 3.1** below.

Table 3.1 Action and Limit Levels of Water Quality

Parameters	Action Level	Limit Level
<i>Construction Phase Marine Water Monitoring - EM&A Manual criteria</i>		
DO in mg/L	Surface and Middle: 5.8 mg/L Bottom: 5.9 mg/L	Surface and Middle: 4 mg/L Bottom: 2 mg/L
Turbidity in NTU (Depth-averaged ^A) ^C	14.4 NTU, or 20% exceedance of value at any impact station compared with corresponding data from control station	23.5 NTU, or 30% exceedance of value at any impact station compared with corresponding data from control station
SS in mg/L (Depth-averaged ^A) ^C	13.1 mg/L, or 20% exceedance of value at any impact station compared with corresponding data from control station	30.4 mg/L, or 30% exceedance of value at any impact station compared with corresponding data from control station
<i>Construction Phase Marine Water Monitoring - derived criteria</i>		
DO in mg/L ^B	Surface and Middle: 5.8 mg/L Bottom: 5.9 mg/L	Surface and Middle: 4 mg/L Bottom: 2 mg/L
Turbidity in NTU (Depth-averaged ^A) ^C	14.4 NTU and 20% exceedance of value at any impact station compared with corresponding data from control station ^D	23.5 NTU and 30% exceedance of value at any impact station compared with corresponding data from control station ^D
SS in mg/L (Depth-averaged ^A) ^C	13.1 mg/L and 20% exceedance of value at any impact station compared with corresponding data from control station ^D	30.4 mg/L and 30% exceedance of value at any impact station compared with corresponding data from control station ^D

Notes (with proposed amendments in AL/LL in underlined text):

A. “Depth-averaged” is calculated by taking the arithmetic means of reading of all three depths.

B. For DO, non-compliance of the water quality limits occurs when monitoring result is lower than the limits.

C. For SS and turbidity, non-compliance of the water quality limits occurs when monitoring result is higher than the limits.

D. Action Level and Limit Level with 95%-ile / 99%-ile derived from baseline data “and” 20% / 30% exceedance of control station proposed in Baseline Monitoring Report.

Ecological monitoring



- 3.2.13 Transplanting works for plant species, *Aquilaris sinensis*, was completed on 26 April 2022. Maintenance works for trees in holding nursery have commenced.
- 3.2.14 Monitoring of maintenance works for the transplanted plant species was conducted at the holding nursery while in the reporting period.
- 3.2.15 As per latest version of PTP, four tree found (1 no. of *Aquilaria sinensis* and 3 nos. of *Gmelina chinensis*) within the site of SSWSTW which are considered to be the plant species with conservative importance for temporarily transplanted to the nursery at Kam Tin and eventually be transplanted to Pui O Pumping Station.



4. Implementation Status

4.1 Advice on the implementation status of environmental protection and pollution control/mitigation measures

4.1.1 Mitigation measures according to the environmental mitigation implementation schedule in Annex A of EM&A Manual were generally implemented by the Contractor. Hence, the EM&A programme was considered effective and shall be maintained.

4.2 Environmental Mitigation Measures

4.2.1 Environmental mitigation measures mentioned the EIA Report were weekly reviewed and recorded in Weekly Environmental Site Audit Checklist. Also, a summary of the submission status of the reporting quarter on submissions and measures mentioned in Environmental Permit (EP-538/2017) are shown in **Table 4.1**.

Table 4.1 Summary of submission status under EP-538/2017

EP Condition	Submission	Date of Latest Submission to EPD ^ / EPD Approval #
Condition 2.10	Waste Management Plan (Rev. 5) (electronic copy)	4 April 2022#
Condition 2.11	Submission of Preservation and/or Transplantation Plan for Plant Species of Conservation Importance (Rev. 23)	31 August 2022^
Condition 2.12	Submission of Compensatory Woodland Planting Plan (Rev. 16)	23 September 2022^
Condition 2.13	Silt Curtain Deployment Plan (Rev. 14)	5 August 2022^
Condition 2.14	Landscape Mitigation Plan	To be confirmed
Condition 2.15	Construction Noise Mitigation Plan (Rev. 20)	4 August 2022#

4.3 Environmental monitoring requirements and contractual requirements

4.3.1 A summary of the submission status for the reporting period on licences and/or permits on environmental protection pertinent to the Project is shown in **Table 4.2**.

Table 4.2 Summary of the current status on licences and/or permits on environmental protection pertinent to the Project



Permits and/or Licences	Permit. No. / Account No.	Issued Date	Valid Period & Expiry Date (dd-mm-yyyy to dd-mm-yyyy)	Status
Notification Pursuant to Section 3(1) of <i>Air Pollution Control (Construction Dust) Regulation</i>	466408	14 Apr 2021	N/A	Valid
Wastewater Discharge Licence under <i>Water Pollution Control Ordinance</i>	SSWSTW: WT00039636-2021	30 Dec 2021	30-12-2021 to 31-12-2026	Valid
	POPS: WT00039820-2021	31 Dec 2021	31-12-2021 to 31-12-2026	Valid
Billing Account under <i>Waste Disposal (Charges for Disposal of Construction Waste) Regulation</i>	Account No.: 7040411	05 May 2021	N/A	Valid
Registration as Chemical Waste Producer under <i>Waste Disposal (Chemical Waste) (General) Regulation</i>	WPN 0000-931-K3428-01	13 May 2021	N/A	Valid
Construction Noise Permit under <i>Noise Control Ordinance</i>	GW-RS0642-22	3 Aug 2022	05-08-2022 to 02-02-2023	Valid
	GW-RS0840-22	3 Oct 2022	05-10-2022 to 26-03-2023	Valid

Note: Only include those valid or under application; fill in "N/A" for non-applicable item(s).

5. Monitoring Results Analysis

5.1 Noise Monitoring

- 5.1.1 With respect to the commencement of construction works at South Lantau Road near WSD Pui O No.2 Raw Water Pumping Station, the weekly noise monitoring at N15b – Pui O Lo Wai Tsuen was started from 11 October 2022 onwards.
- 5.1.2 Weekly Noise monitoring was conducted at Seven (7) noise monitoring stations (N12a, N12b, N13, N14, N16a, N16b and N17) from 1 August to 10 October 2022 and Eight (8) noise monitoring stations (N12a, N12b, N13, N14, N15b, N16a, N16b and N17) started from 11 October 2022 once per week in the reporting period.
- 5.1.3 Noise monitoring location plans with sensitive receivers are shown in [Figure 5.1](#).
- 5.1.4 Noise monitoring results measured in the reporting period were reviewed and summarised. Noise monitoring graphical presentation can be referred to [Appendix 5.1](#).
- 5.1.5 No action and limit level exceedances were recorded in construction noise level in the reporting period.

5.2 Marine Water Quality Monitoring

- 5.2.1 Marine Water quality monitoring involves **nine (9)** monitoring stations (seven impact & two control stations) three days per week in the reporting period **starting from 12 April 2022**.
- 5.2.2 Marine Water monitoring location plans with sensitive receivers are shown in [Figure 5.2](#).
- 5.2.3 Water quality monitoring is evaluated against Action and Limit Levels. The derived Action and Limit Level proposed in Baseline Monitoring Report Rev. 9.2 was agreed by EPD on 2 September 2022.
- 5.2.4 Marine Water quality monitoring results measured in the reporting period were reviewed and summarised. Based on “OR” criteria according to EM&A Manual during the reporting period of 1 August 2022 to 1 September 2022, 19 action level and 0 limit level exceedances on DO, 27 action level and 16 limit level exceedances on turbidity, 13 action level and 30 limit level exceedances on SS were recorded, but no exceedance if it is based on the “AND” criteria proposed in Baseline Monitoring Report. Based on the derived Action and Limit Level proposed in Baseline Monitoring Report Rev. 9.2 agreed by EPD on 2 September 2022, 3 action level and 0 limit level exceedances on turbidity and 6 action level and 0 limit level exceedances on SS were recorded in the reporting period of 2 September 2022 to 31 October 2022. Marine water quality monitoring graphical presentation and the summary of exceedance of action and /limit levels of WQM can be referred to [Appendix 5.2](#).

5.3 Ecological Impact Monitoring

- 5.3.1 Transplanting of the trees of *Aquilaris sinensis* was completed on 26 April 2022. Maintenance works for trees in holding nursery have commenced.
- 5.3.2 Monitoring of maintenance works for the transplanted plant species was conducted at the holding nursery while in the reporting period.
- 5.3.3 As per latest version of PTP, four tree found (1 no. of *Aquilaria sinensis* and 3 nos. of *Gmelina chinensis*) within the site of SSWSTW which are considered to be the plant species with conservative importance for temporarily transplanted to the nursery at Kam Tin and eventually be transplanted to Pui O Pumping Station.

5.4 Waste Management

- 5.4.1 The quantities of waste for disposal in present quarter are summarized in **Table 5.1**. The Quarterly Summary Waste Flow Table is shown in [Appendix 5.3](#).

Table 5.1 Summary of Quantities of Waste Material (August 2022 to October 2022)

Waste Type	Quantity for reporting quarter	Cumulative Quantity-to-Date
Hard Rock and Large Broken Concrete (Inert) (in '000m ³)	0	0
Reused in this Contract (Inert) (in '000m ³)	0	0
Reused in other Projects (Inert) (in '000m ³)	0	0
Disposal as Public Fill (Inert) (in '000m ³)	1.94268	8.55411
Metals (in '000kg)	0.00490	1.56990
Paper / Cardboard Packing (in '000kg)	0.0919	0.22938
Plastics (in '000kg)	0.00930	0.02336
Chemical Wastes (in '000kg)	0	0
General Refuses (in '000kg)	44.3646	389.13460



Waste Type	Quantity for reporting quarter	Cumulative Quantity- to-Date
-------------------	---	---

*: Further breakdown into sub-group if considered applicable;



6. Complaints, Notification of Summons and Prosecution

6.1.1 No environmental complaint, notification of summons and successful prosecution regarding construction works was recorded in present quarter.

6.1.2 Cumulative statistic on complaints and successful prosecutions are summarized in **Table 6.1** and **Table 6.2** respectively.

Table 6.1 Cumulative Statistics on Complaints

Reporting Period	No. of Complaints
August 2022 - October 2022	0
Project commencement to the end of last reporting quarter	1
Total	1

Table 6.2 Cumulative Statistics on Successful Prosecutions

Environmental Parameters	Cumulative No. Brought Forward	No. of Successful Prosecutions this month (Offence Date)	Cumulative No. Project-to-Date
Air	-	0	0
Noise	-	0	0
Water	-	0	0
Waste	-	0	0
Other	-	0	0
Total	-	0	0



7. Comments and Recommendations

7.1.1 In the reporting period, the principal work activities conducted are as follow.

Table 7.1 Construction Activities in Past 3 Months

August 2022	September 2022	October 2022
<ul style="list-style-type: none"> Excavation, sewer laying, construction of manhole at Pui O Lo Uk Tsuen Excavation and site formation at San Shek Wan Sewage Treatment Works (SSWSTW) and Pui O Sewage Pumping Station (POSPS) Excavation at South Lantau Road SSWSTW and HDD works Site formation works at POSPS ELS works at POSPS 	<ul style="list-style-type: none"> Excavation, sewer laying, construction of manhole at Pui O Lo Uk Tsuen Excavation and site formation at San Shek Wan Sewage Treatment Works (SSWSTW) and Pui O Sewage Pumping Station (POSPS) Excavation at South Lantau Road SSWSTW and HDD works ELS works at POSPS 	<ul style="list-style-type: none"> Excavation, sewer laying, construction of manhole at Pui O Lo Uk Tsuen, South Lantau road, Pui O Beach Excavation and site formation at San Shek Wan Sewage Treatment Works (SSWSTW) and Pui O Sewage Pumping Station (POSPS) HDD works at marine and SSWSTW ELS works at POSPS

7.1.2 The recommended mitigation measures for the past 3 months are listed below:

- Provide caring measures for the health, form and structural conditions for transplant trees including *Aquilaris sinensis* in holding nursery;
- Fully implement tree preservation works on site and holding nursery to ensure compliance of relevant legislation and guidelines stated in EM&A Manual.
- Implementation of noise pollution control in accordance with Construction Noise Mitigation Plan;
- Dust control during dust generating works;
- Adopt surface drainage and sediment control facilities for sewage installation in village and public roads;
- Adopt temporary drainage and sediment control facilities on Site;
- Vehicle wheel-washing and body washing facilities should be provided at the site entrance;
- Regular water spraying on drilling and excavation works for dust control; and
- Proper waste handling, recycling and storage.
- To inspect the condition of silt curtains on regular basis, and after adverse weather including any rainstorms and typhoons in wet season.
- Implementation of noise pollution control in accordance with Construction Noise Mitigation Plan;
- Dust control during dust generating works;



- Adopt surface drainage and sediment control facilities for sewage installation in village and public roads;
- Adopt temporary drainage and sediment control facilities on Site;
- Vehicle wheel-washing and body washing facilities should be provided at the site entrance;
- Regular water spraying on drilling and excavation works for dust control; and
- Proper waste handling, recycling and storage.

The implemented mitigation measures are considered effective.



8. Conclusion

8.1 Noise Monitoring.

- 8.1.1 With respect to the commencement of construction works at South Lantau Road near WSD Pui O No.2 Raw Water Pumping Station, the weekly noise monitoring at N15b – Pui O Lo Wai Tsuen was started from 11 October 2022 onwards.
- 8.1.2 No action or limit level exceedance was recorded in construction noise level in this present quarter.

8.2 Water Quality Monitoring

- 8.2.1 Marine-based construction works commenced on 19 April 2022, water quality monitoring was commenced on 12 April 2022.
- 8.2.2 In accordance with the EM&A Manual, 19 action level and 0 limit level exceedances on DO, 27 action level and 16 limit level exceedances on turbidity, 13 action level and 30 limit level exceedances on SS were recorded in the reporting period of 1 August 2022 to 1 September 2022.
- 8.2.3 Action Level exceedances were recorded on 11 August 2022 on DO, reviewed the overall work situation with no marine works and sea condition, it can be concluded that the DO exceedances were possibly due to Tropical Storm MULAN during 9 – 10 August 2022.
- 8.2.4 Overall exceedances on turbidity and SS during 1 August 2022 to 1 September 2022 (i.e. SR4, SR15 downstream to the construction site during mid-ebb, SR5, SR6, SR9, SR10 and SR12 exceedances downstream to the construction site during mid-flood,) in the reporting period were referred to the 20% / 30% of control station criteria only whereas there were no exceedance as referred to 95%-ile / 99%-ile criteria, indicating that the exceedance is due to the localized water quality better than baseline range were captured at the control station whereas the impact station are still within the baseline ranges.
- 8.2.5 Co-related the monitoring dates with those days with recorded marine works activities, no marine dredging works were active during the reporting period of 1 August to 1 September 2022. Majority of recorded marine works activities were maintenance on working barge not in contact with water, except casing installation for marine HDD works on 2 - 6 and 15 -19 August 2022 within the replaced fully enclosed silt curtain. Reviewed the overall work situation with limited marine works, it can be concluded that all the turbidity and SS exceedances were possibly due to natural runoff from streams to the sea as a result of frequent rainfall as recorded in the reporting period. (tropical cyclone warning signals recorded on 3 - 4, 9 - 10 and 23 – 25 August 2022. There was also typhoon no. 8 on 24 – 25 August 2022).

- 8.2.6 Reviewing the “and” approach, no exceedance in turbidity and SS during 1 August 2022 to 1 September 2022 would be recorded on adopting the ‘and’ criteria in the Action and Limit Level as proposed in submitted Baseline Monitoring Report Rev. 9.2.
- 8.2.7 In accordance with the action level and limit level in Baseline Monitoring Report Rev. 9.2 agreed by EPD on 2 September 2022, 3 action level and 0 limit level exceedances on turbidity and 6 action level and 0 limit level exceedances on SS were recorded in the reporting period of 2 September 2022 to 31 October 2022. In accordance with the action level and limit level in Baseline Monitoring Report Rev. 9.2 agreed by EPD on 2 September 2022, 3 action level and 0 limit level exceedances on turbidity and 6 action level and 0 limit level exceedances on SS were recorded in the reporting period of 2 September 2022 to 31 October 2022. It can be concluded that all the exceedances were possibly due to natural runoff from streams to the sea as a result of frequent rainfall as recorded in the reporting period of 2 September to 31 October 2022.
- 8.2.8 Action Level exceedances were recorded on 30 September 2022 on turbidity and Action Level exceedances were recorded on 7 and 26 October 2022 on SS. Strong current with brownish yellow in colour on surface of sea was observed on 7 and 26 October 2022. Co-related the monitoring dates with those days with recorded marine works activities, no marine dredging works were active during the reporting month. Majority of recorded marine works activities were maintenance on working barge not in contact with water, except casing installation for marine HDD works between 9-21 September 2022 and 7-14 October 2022 within the replaced fully enclosed silt curtain. Reviewed the overall work situation with limited marine works, it can be concluded that all the turbidity and SS exceedances were possibly due to natural runoff from streams to the sea as a result of frequent rainfall as recorded in the reporting period of 2 September 2022 to 31 October 2022 (Strong Monsoon Signal during 27 – 29 September 2022 and Amber Rainstorm Warning Signal on 30 September 2022; Tropical Cyclone Warning Signals recorded on 16-17 Oct 2022. There was also Strong Monsoon Signal on 9, 16, 18, 19, 23, 25 and 26 Oct 2022).
- 8.2.9 All action and limit level exceedances under “or” criteria as stated in the EM&A Manual and the derived criteria proposed in Baseline Monitoring Report Rev. 9.2 agreed by EPD on 2 September 2022 were concluded as non-project related upon investigation.

8.3 Ecological Impact Monitoring

- 8.3.1 Transplanting works for plant species, *Aquilaris sinensis*, was completed on 26 April 2022. Maintenance works for trees in holding nursery have commenced.
- 8.3.2 Monitoring of maintenance works for the transplanted plant species was conducted at the holding nursery while in the reporting period.



8.3.3 As per latest version of PTP, four tree found (1 no. of *Aquilaria sinensis* and 3 nos. of *Gmelina chinensis*) within the site of SSWSTW which are considered to be the plant species with conservative importance for temporarily transplanted to the nursery at Kam Tin and eventually be transplanted to Pui O Pumping Station.

8.4 Review of the Reasons for and the Implications of Non-compliance

8.4.1 No environmental non-compliance was recorded in present quarter.

8.5 Summary of action taken in the event of and follow-up on non-compliance

8.5.1 There was no particular action taken since no non-compliance was recorded in present quarter.

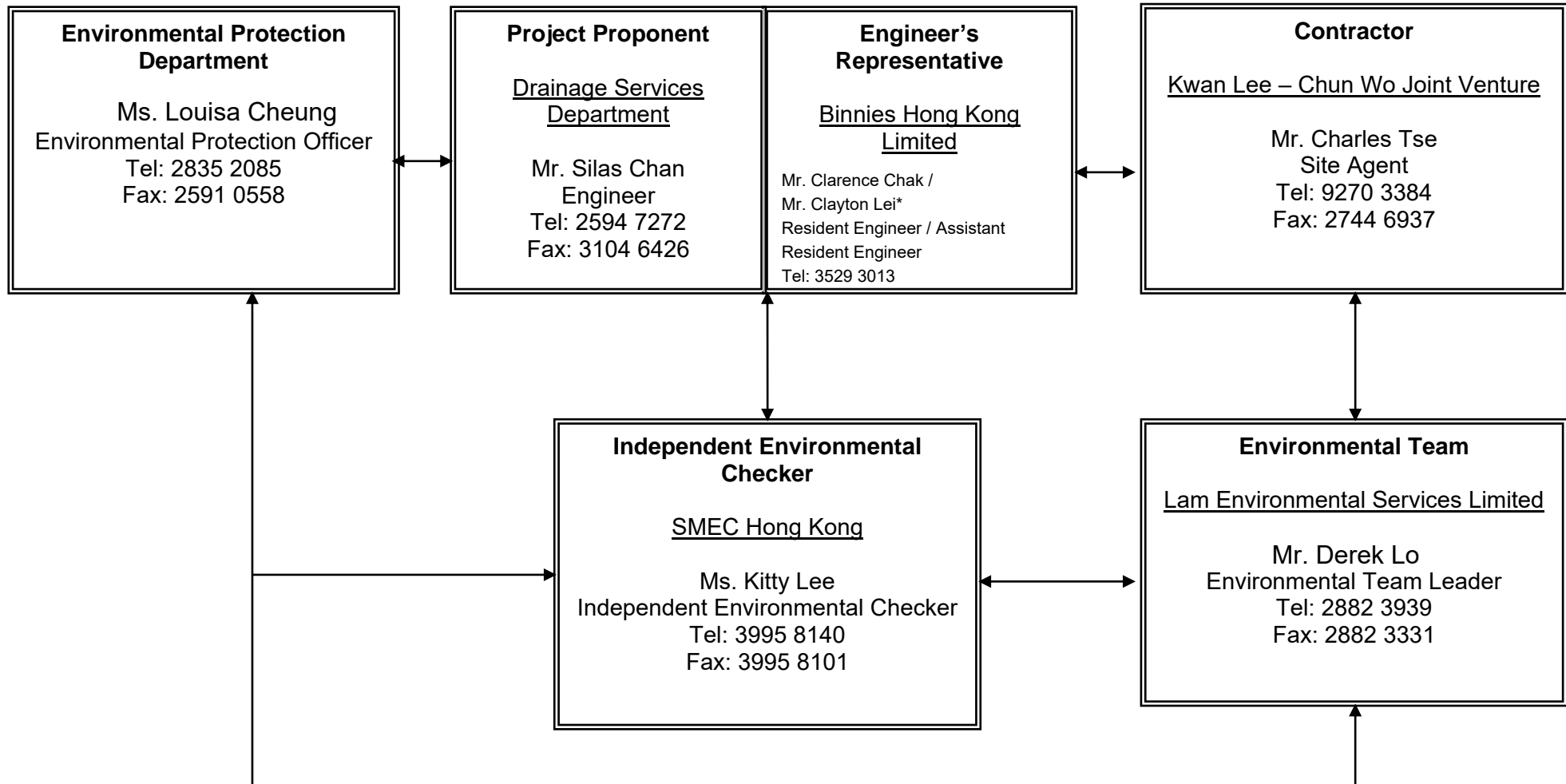


Figure 2.1

Project Organisation Chart



Project Organization Chart



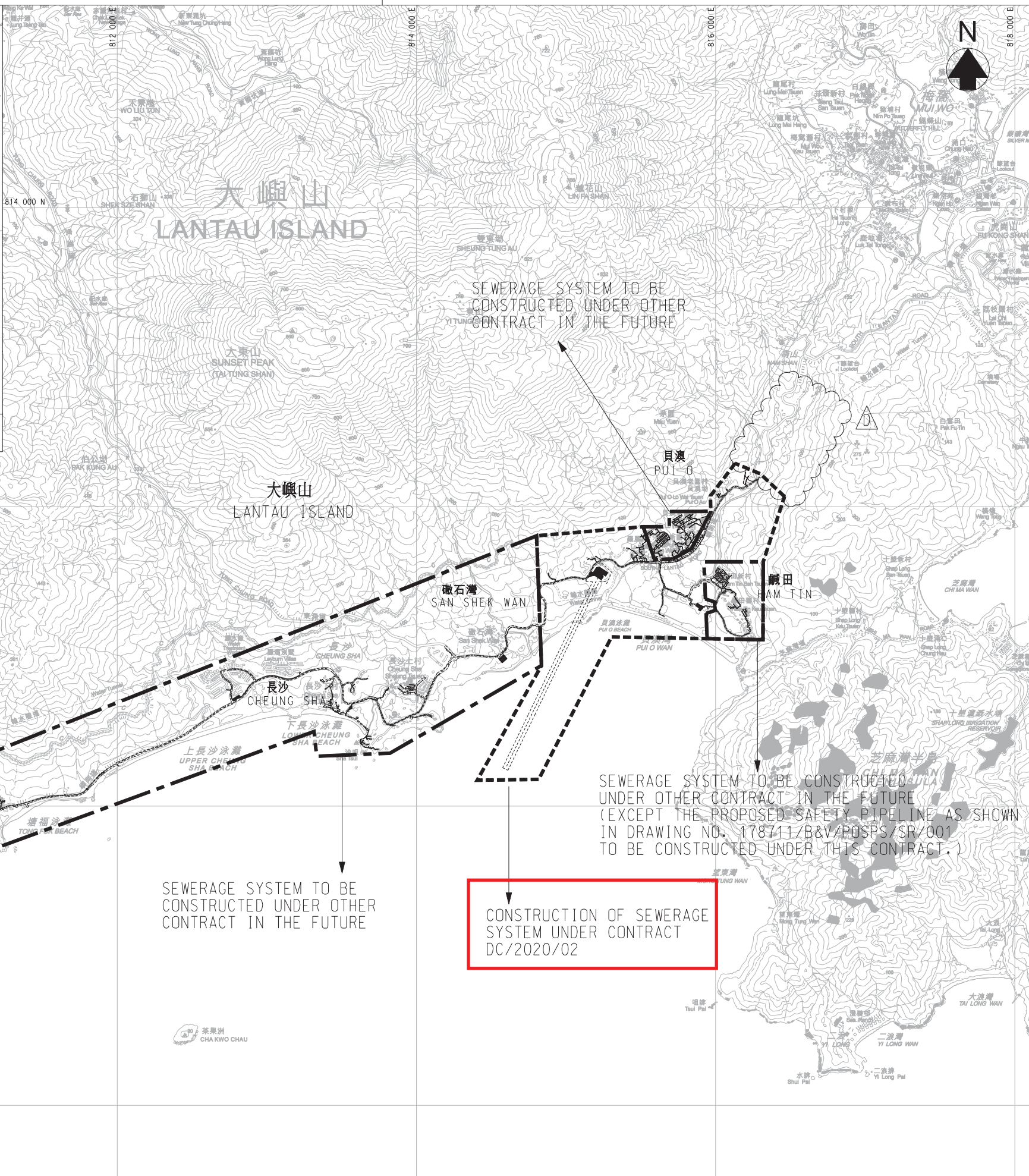
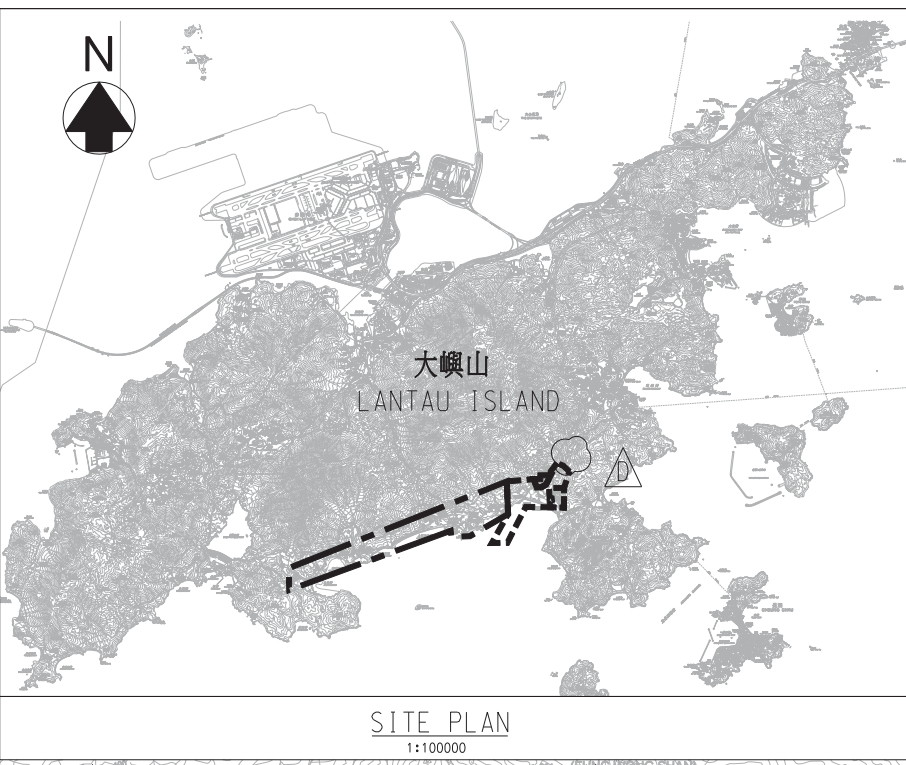
Notes: Engineer's Representative change from Mr. Clarence Chat to Mr. Clayton Lei start from September 2022

Figure 2.1



Figure 2.2

Master Layout Plan



Revision	Date	Description	Initial
D	11/20	TENDER ADDENDUM NO.6	BL
C	11/20	TENDER ADDENDUM NO.5	BL
B	11/20	TENDER ADDENDUM NO.4	BL
A	09/20	TENDER ADDENDUM NO.2	TFL
Designed	Checked	Drawn	Checked
Initial	TFL	BL	SZ
Date	04/20	04/20	04/20

Approved: *Christina*

Contract no. DC/2020/02

Contract title
CONSTRUCTION OF SAN SHEK WAN SEWAGE TREATMENT WORKS, ASSOCIATED SUBMARINE OUTFALL AND PUI O SEWERAGE WORKS

Drawing title
SOUTH LANTAU SEWERAGE WORKS - MASTER LAYOUT PLAN

Drawing no. 178711/B&V/GN/001
Revision D

Scale 1 : 15000



BLACK & VEATCH HONG KONG LIMITED
博威工程顧問有限公司

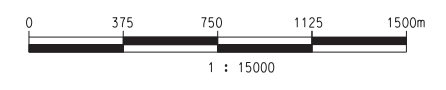













Figure 5.1

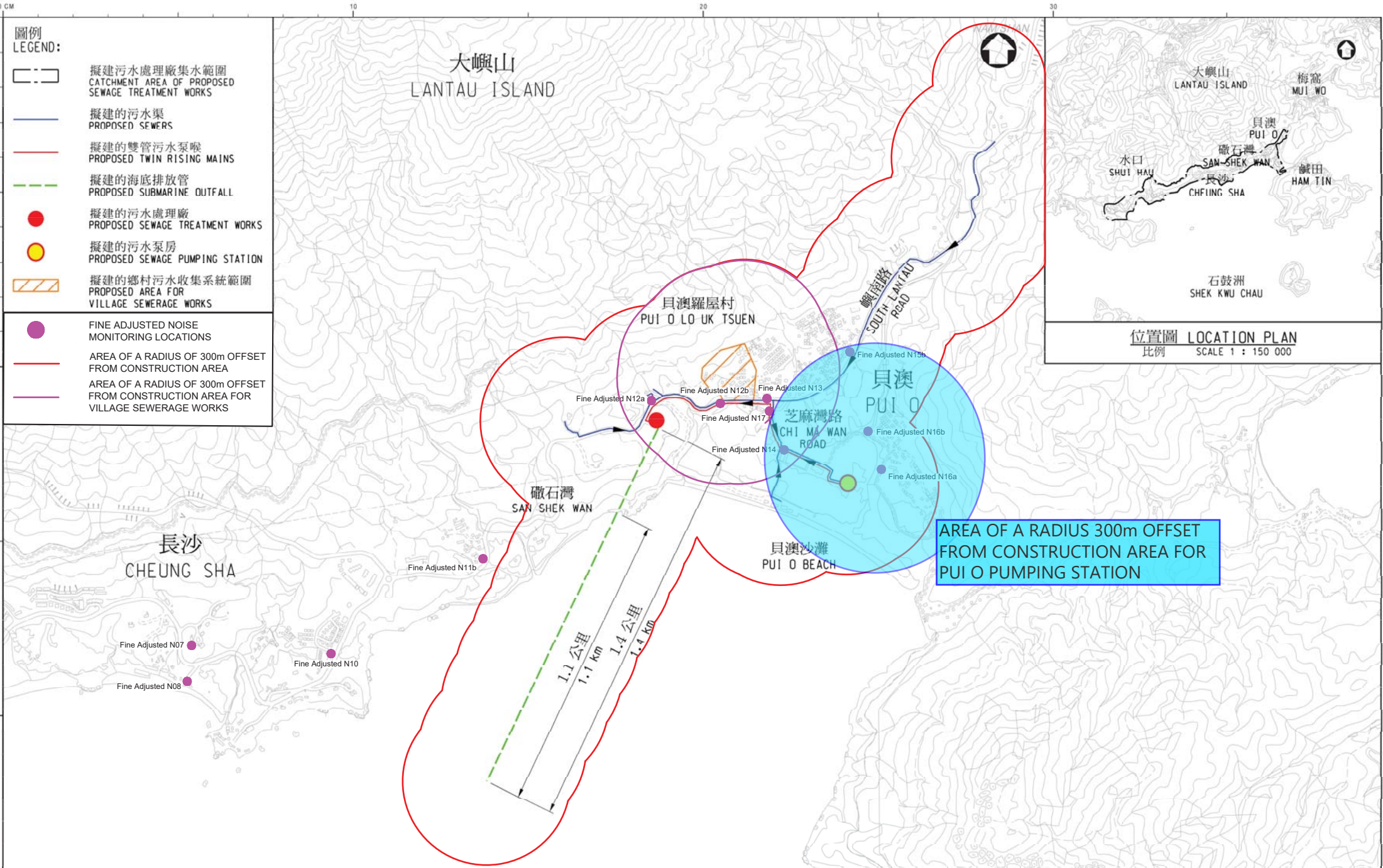
Locations of Noise Monitoring Station

圖例 LEGEND:

-  擬建污水處理廠集水範圍
CATCHMENT AREA OF PROPOSED SEWAGE TREATMENT WORKS
-  擬建的污水渠
PROPOSED SEWERS
-  擬建的雙管污水泵喉
PROPOSED TWIN RISING MAINS
-  擬建的海底排放管
PROPOSED SUBMARINE OUTFALL
-  擬建的污水處理廠
PROPOSED SEWAGE TREATMENT WORKS
-  擬建的污水泵房
PROPOSED SEWAGE PUMPING STATION
-  擬建的鄉村污水收集系統範圍
PROPOSED AREA FOR VILLAGE SEWERAGE WORKS

-  FINE ADJUSTED NOISE MONITORING LOCATIONS
-  AREA OF A RADIUS OF 300m OFFSET FROM CONSTRUCTION AREA
-  AREA OF A RADIUS OF 300m OFFSET FROM CONSTRUCTION AREA FOR VILLAGE SEWERAGE WORKS

位置圖 LOCATION PLAN
比例 SCALE 1 : 150 000

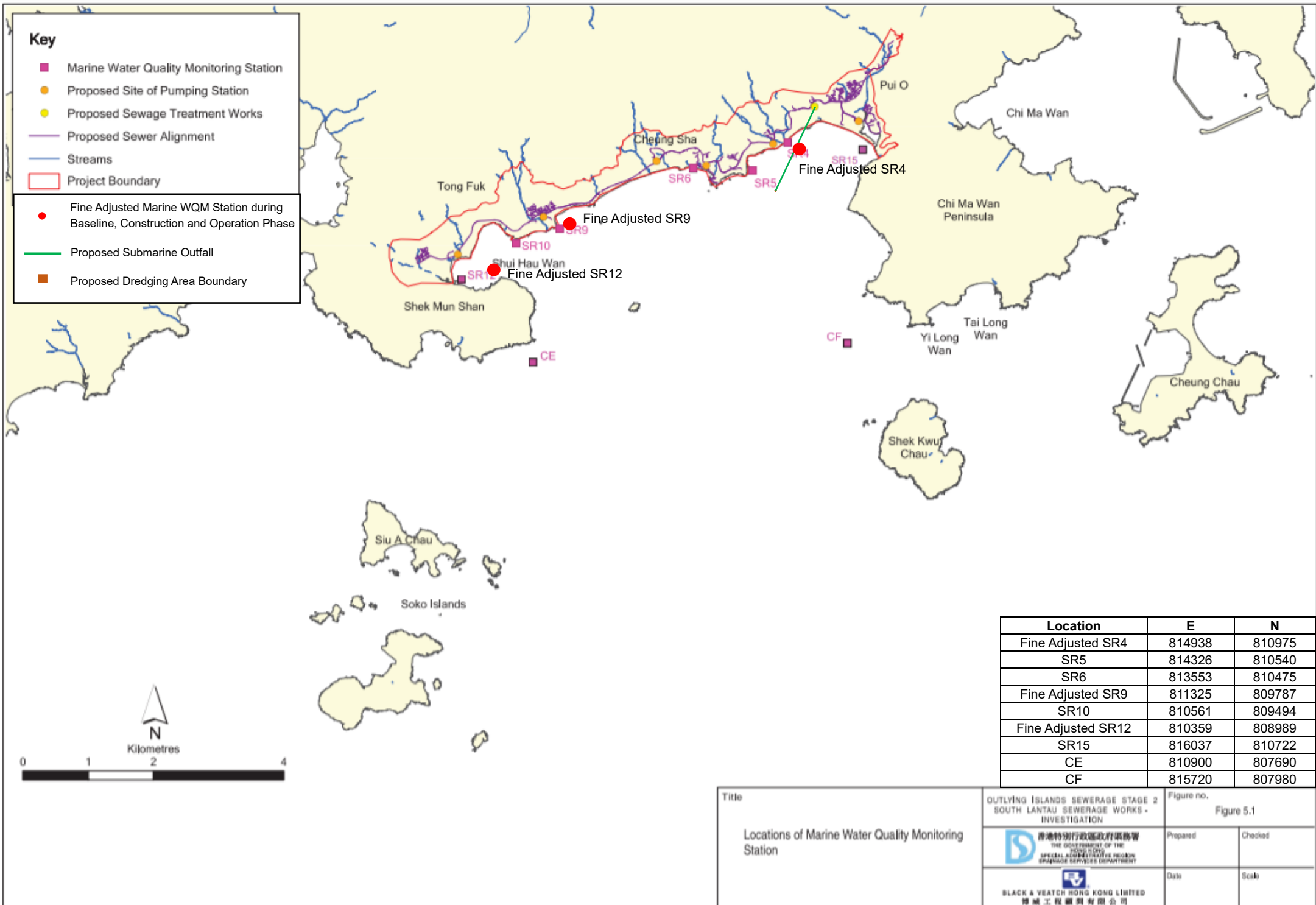


AREA OF A RADIUS 300m OFFSET FROM CONSTRUCTION AREA FOR PUI O PUMPING STATION



Figure 5.2

Locations of Water Quality Monitoring Stations



Key	
■	Marine Water Quality Monitoring Station
●	Proposed Site of Pumping Station
●	Proposed Sewage Treatment Works
—	Proposed Sewer Alignment
—	Streams
	Project Boundary
●	Fine Adjusted Marine WQM Station during Baseline, Construction and Operation Phase
—	Proposed Submarine Outfall
■	Proposed Dredging Area Boundary

Location	E	N
Fine Adjusted SR4	814938	810975
SR5	814326	810540
SR6	813553	810475
Fine Adjusted SR9	811325	809787
SR10	810561	809494
Fine Adjusted SR12	810359	808989
SR15	816037	810722
CE	810900	807690
CF	815720	807980

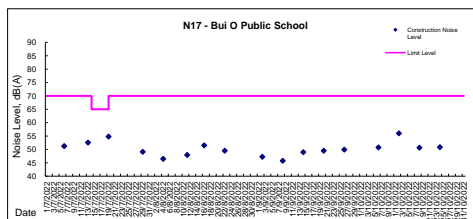
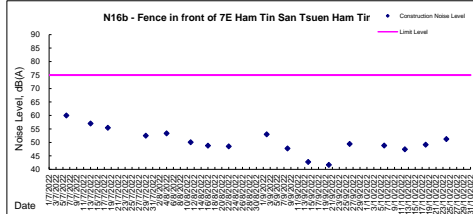
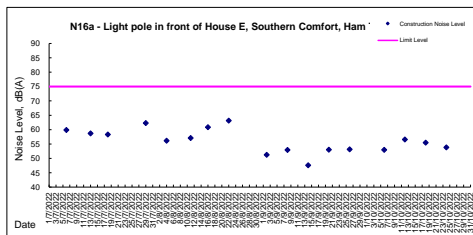
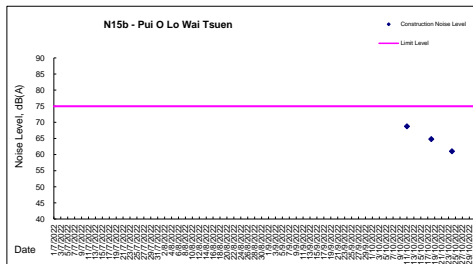
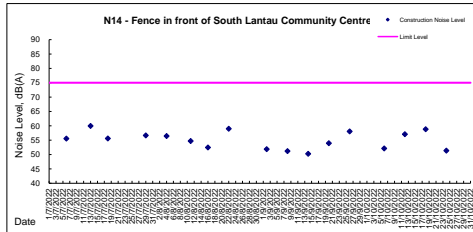
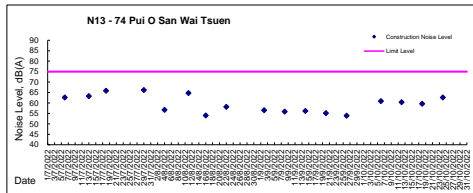
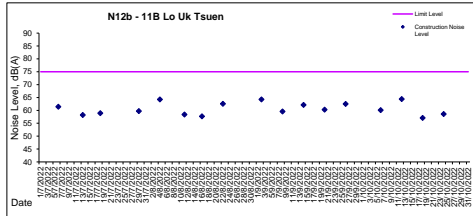
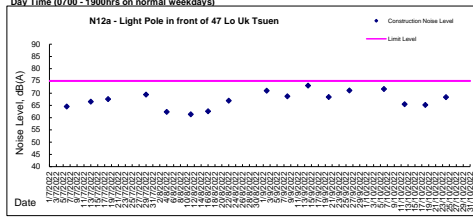
Title Locations of Marine Water Quality Monitoring Station	OUTLYING ISLANDS SEWERAGE STAGE 2 SOUTH LANTAU SEWERAGE WORKS - INVESTIGATION		Figure no. Figure 5.1	
			Prepared	Checked
	 BLACK & VEATCH HONG KONG LIMITED 博誠工程顧問有限公司		Date	Scale



Appendix 5.1

Noise Monitoring Graphical Presentations

Graphic Presentation of Noise Monitoring Result
 Day Time (0700 - 1900hrs on normal weekdays)





Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: N12a - Light Pole in front of 47 Lo Uk Tsuen

Date	Weather	Wind Speed	Calibration Check	Time	Measurement Noise Level			Average Noise Level	Baseline Level	Construction Noise Level	Action Level	Major Construction Noise Source(s)	Other Noise Source(s)
					Leq	L10	L90						
					Unit: dB(A), (5-min)								
4 Aug 2022	Cloudy	0.8	93.3	16:00	66.4	70.1	55.6	62.4	73.3	<Baseline Level	75	N/A	Traffic
				16:05	63.2	66.4	54.3						
				16:10	61.0	65.2	55.0						
				16:15	57.3	60.3	56.1						
				16:20	59.6	62.1	56.3						
				16:25	60.7	64.4	53.2						
11 Aug 2022	Cloudy	1.2	93.3	14:30	58.7	61.5	49.6	61.4	73.3	<Baseline Level	75	blower	Traffic
				14:35	57.6	60.8	48.7						
				14:40	63.4	66.6	52.3						
				14:45	59.8	62.7	49.9						
				14:50	65.4	68.8	55.5						
				14:55	55.3	59.0	47.2						
16 Aug 2022	Sunny	1.2	93.3	15:45	67.7	71.1	65.0	62.6	73.3	<Baseline Level	75	N/A	Traffic
				15:50	53.6	57.2	51.3						
				15:55	59.7	63.3	57.0						
				16:00	58.6	62.0	56.0						
				16:05	61.3	64.5	58.7						
				16:10	62.8	66.3	60.1						
22 Aug 2022	Sunny	0.0	93.3	15:45	68.3	71.5	54.6	67.0	73.3	<Baseline Level	75	N/A	Traffic
				15:50	67.4	70.7	54.1						
				15:55	65.2	68.8	52.2						
				16:00	67.9	71.6	54.8						
				16:05	65.7	69.1	52.9						
				16:10	66.4	69.8	53.3						



Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: N12b - 11B Lo Uk Tsuen

Date	Weather	Wind Speed	Calibration Check	Time	Measurement Noise Level			Average Noise Level Leq	Baseline Level Leq	Construction Noise Level Leq	Action Level Leq	Major Construction Noise Source(s)	Other Noise Source(s)
					Leq	L10	L90						
					Unit: dB(A), (5-min)								
4 Aug 2022	Cloudy	0.6	93.3	15:15	58.6	61.5	52.3	64.3	76.8	<Baseline Level	75	N/A	Traffic
				15:20	57.4	61.3	51.9						
				15:25	62.1	65.8	52.2						
				15:30	68.8	71.9	52.6						
				15:35	67.2	70.8	53.1						
11 Aug 2022	Cloudy	1.3	93.3	15:40	54.6	58.0	51.9	58.4	76.8	<Baseline Level	75	N/A	Traffic
				13:50	59.6	64.1	45.4						
				13:55	50.2	63.8	48.2						
				14:00	58.7	62.8	46.7						
				14:05	59.3	63.6	46.2						
16 Aug 2022	Sunny	1.0	93.3	14:10	57.9	64.3	47.8	57.7	76.8	<Baseline Level	75	Village sewer works, generator	Traffic
				14:15	59.7	63.5	46.6						
				15:00	55.7	59.6	50.9						
				15:05	56.0	59.2	51.1						
				15:10	57.8	60.3	52.3						
22 Aug 2022	Sunny	0.0	93.3	15:15	55.6	59.8	50.7	62.6	76.8	<Baseline Level	75	N/A	Traffic
				15:20	59.8	62.7	53.9						
				15:25	59.4	62.5	53.7						
				15:00	60.3	63.5	49.6						
				15:05	62.4	65.7	48.7						



Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: N13 - 74 Pui O San Wai Tsuen

Date	Weather	Wind Speed	Calibration Check	Time	Measurement Noise Level			Average Noise Level Leq	Baseline Level Leq	Construction Noise Level Leq	Action Level Leq	Major Construction Noise Source(s)	Other Noise Source(s)
					Leq	L10	L90						
					Unit: dB(A), (5-min)								
4 Aug 2022	Cloudy	0.3	93.3	14:30	54.8	57.5	52.4	56.7	73.6	<Baseline Level	75	Excavation, grinding	Traffic
				14:35	53.6	56.4	51.6						
				14:40	56.3	59.0	53.3						
				14:45	56.8	59.9	53.8						
				14:50	55.2	58.3	52.9						
				14:55	60.1	63.2	53.8						
11 Aug 2022	Cloudy	0.7	93.3	11:15	63.5	66.6	57.9	64.7	73.6	<Baseline Level	75	N/A	Traffic
				11:20	62.4	65.1	56.2						
				11:25	66.7	69.6	59.2						
				11:30	62.9	65.8	56.6						
				11:35	65.7	68.3	57.2						
				11:40	65.3	68.3	59.3						
16 Aug 2022	Sunny	0.4	93.3	14:25	51.8	55.0	48.7	54.0	73.6	<Baseline Level	75	N/A	Traffic
				14:30	54.9	58.1	51.0						
				14:35	55.6	58.6	52.6						
				14:40	51.2	54.1	48.0						
				14:45	52.8	55.9	50.0						
				14:50	55.5	57.8	52.3						
22 Aug 2022	Sunny	0.6	93.3	14:25	57.8	61.0	48.3	58.1	73.6	<Baseline Level	75	N/A	Traffic
				14:30	56.9	60.1	48.0						
				14:35	58.3	61.5	48.8						
				14:40	58.4	61.4	48.9						
				14:45	57.6	60.8	47.6						
				14:50	59.3	62.3	47.9						



Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: N14 - South Lantau Community Centre

Date	Weather	Wind Speed	Calibration Check	Time	Measurement Noise Level			Average Noise Level	Baseline Level	Construction Noise Level	Action Level	Major Construction Noise	Other Noise Source(s)
					Leq	L10	L90	Leq	Leq	Leq	Leq		
					Unit: dB(A), (5-min)			Unit: dB(A), (30-min)					
4 Aug 2022	Cloudy	0.5	93.3	13:10	54.3	57.1	52.2	56.4	62.2	<Baseline Level	75	Trial pit	Traffic
				13:15	51.2	53.2	49.8						
				13:20	53.3	56.0	50.3						
				13:25	57.9	60.0	55.7						
				13:30	60.2	62.8	57.2						
				13:35	55.6	58.8	51.0						
11 Aug 2022	Cloudy	0.7	93.3	10:30	51.3	54.6	49.3	54.7	62.2	<Baseline Level	75	N/A	Traffic
				10:35	54.6	57.5	51.3						
				10:40	55.9	58.6	52.3						
				10:45	53.3	56.9	51.2						
				10:50	56.8	59.8	52.9						
				10:55	54.3	57.0	50.8						
16 Aug 2022	Sunny	0.6	93.3	13:40	51.6	54.4	48.7	52.5	62.2	<Baseline Level	75	N/A	Traffic
				13:45	52.1	54.8	49.0						
				13:50	52.2	55.0	49.6						
				13:55	54.8	57.3	51.8						
				14:00	51.3	54.0	48.5						
				14:05	51.8	54.6	48.5						
22 Aug 2022	Sunny	0.3	93.3	13:40	55.3	58.6	48.6	59.0	62.2	<Baseline Level	75	N/A	Traffic
				13:45	56.8	59.7	49.3						
				13:50	60.4	63.6	53.5						
				13:55	62.3	65.5	55.7						
				14:00	55.6	58.6	48.5						
				14:05	58.9	61.3	47.6						



Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: N16a - Light pole in front of House E, Southern Comfort, Ham Tin

Date	Weather	Wind Speed	Calibration Check	Time	Measurement Noise Level			Average Noise Level	Baseline Level	Construction Noise Level	Action Level	Major Construction Noise Source(s)	Other Noise Source(s)
					Leq	L10	L90						
					Unit: dB(A), (5-min)								
4 Aug 2022	Cloudy	1.3	93.3	10:55	57.7	60.1	50.1	56.2	68.1	<Baseline Level	75	Sheetpiling	Traffic
				11:00	56.6	59.6	49.8						
				11:05	54.4	58.0	47.3						
				11:10	57.3	59.9	48.6						
				11:15	56.2	58.7	47.8						
				11:20	53.0	56.1	46.9						
8 Aug 2022	Cloudy	0.0	93.3	15:00	58.8	61.3	49.6	57.1	68.1	<Baseline Level	75	Sheetpiling	Traffic
				15:05	56.0	59.3	50.2						
				15:10	55.5	56.3	53.6						
				15:15	58.1	59.0	53.9						
				15:20	57.2	58.3	53.6						
				15:25	56.0	58.9	52.8						
16 Aug 2022	Sunny	0.7	93.3	10:30	55.7	58.1	49.8	60.9	68.1	<Baseline Level	75	N/A	Traffic
				10:35	58.2	60.4	52.3						
				10:40	63.7	66.0	57.8						
				10:45	63.1	65.3	57.5						
				10:50	59.8	62.2	54.3						
				10:55	59.7	61.8	54.0						
22 Aug 2022	Sunny	0.4	93.3	10:30	60.3	63.5	52.3	63.2	68.1	<Baseline Level	75	N/A	Traffic
				10:35	62.8	65.9	52.6						
				10:40	64.5	67.6	53.4						
				10:45	61.3	64.3	51.9						
				10:50	65.1	68.2	53.8						
				10:55	63.2	66.5	52.6						



Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: N16b - Fence in front of 7E Ham Tin San Tsuen, Ham Tin

Date	Weather	Wind Speed	Calibration Check	Time	Measurement Noise Level			Average Noise Level	Baseline Level	Construction Noise Level	Action Level	Major Construction Noise	Other Noise Source(s)
					Leq	L10	L90						
					Unit: dB(A), (5-min)								
4 Aug 2022	Cloudy	1.8	93.3	11:30	51.8	54.7	48.3	53.4	68.5	<Baseline Level	75	N/A	Traffic
				11:35	53.4	56.5	50.4						
				11:40	52.1	56.6	49.3						
				11:45	55.6	58.4	51.3						
				11:50	54.2	57.3	50.1						
				11:55	51.8	54.2	47.6						
8 Aug 2022	Cloudy	0.2	93.3	15:42	48.0	49.5	45.3	50.1	68.5	<Baseline Level	75	N/A	Traffic
				15:47	49.9	52.8	45.3						
				15:52	48.8	51.8	43.9						
				15:57	48.5	51.6	44.0						
				16:02	51.1	53.5	45.5						
				16:07	52.4	54.0	45.8						
16 Aug 2022	Sunny	0.8	93.3	11:15	49.0	51.1	46.0	48.8	68.5	<Baseline Level	75	N/A	Traffic
				11:20	47.3	49.2	44.0						
				11:25	49.2	51.1	45.3						
				11:30	50.3	51.8	47.8						
				11:35	48.8	49.6	45.9						
				11:40	47.6	49.2	44.8						
22 Aug 2022	Sunny	0.0	93.3	11:15	48.9	51.3	46.6	48.5	68.5	<Baseline Level	75	N/A	Traffic
				11:20	47.6	50.6	45.9						
				11:25	49.3	51.5	47.1						
				11:30	49.4	51.6	47.0						
				11:35	47.5	49.9	46.2						
				11:40	48.2	50.5	46.1						



Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: N17 - Bui O Public School

Date	Weather	Wind Speed	Calibration Check	Time	Measurement Noise Level			Average Noise Level	Baseline Level	Construction Noise Level	Limit Level	Major Construction Noise Source(s)	Other Noise Source(s)
					Leq	L10	L90						
					Unit: dB(A), (5-min)			Unit: dB(A), (30-min)					
4 Aug 2022	Cloudy	0.5	93.3	13:50	45.2	47.6	44.0	46.5	62.3	<Baseline Level	70	N/A	Traffic
				13:55	46.3	48.8	43.6						
				14:00	47.2	49.9	45.3						
				14:05	44.9	47.5	43.1						
				14:10	48.0	50.1	45.1						
11 Aug 2022	Cloudy	0.6	93.3	13:00	46.2	47.9	43.3	48.0	62.3	<Baseline Level	70	N/A	Traffic
				13:05	48.7	52.0	44.0						
				13:10	49.3	51.6	45.4						
				13:15	47.7	59.5	43.5						
				13:20	46.9	49.3	44.6						
16 Aug 2022	Sunny	0.7	93.3	13:25	48.2	50.9	43.5	51.5	62.3	<Baseline Level	70	N/A	Traffic
				13:00	51.0	53.7	47.5						
				13:05	51.7	52.7	48.1						
				13:10	51.1	52.5	49.1						
				13:15	51.6	52.9	48.7						
22 Aug 2022	Sunny	0.5	93.3	13:20	52.0	53.9	49.3	49.5	62.3	<Baseline Level	70	N/A	Traffic
				13:25	51.7	52.3	48.0						
				13:00	50.2	53.3	46.7						
				13:05	50.3	52.2	47.5						
				13:10	48.4	50.1	46.4						

Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: N12a - Light Pole in front of 47 Lo Uk Tsuen

Date	Weather	Wind Speed	Calibration Check	Time	Measurement Noise Level			Average Noise Level	Baseline Level	Construction Noise Level	Action Level	Major Construction Noise Source(s)	Other Noise Source(s)
					Leq	L10	L90						
					Unit: dB(A), (5-min)								
2 Sep 2022	Cloudy	0.1	94.1	15:15	70.6	73.3	50.8	71.0	73.3	<Baseline Level	75	N/A	Traffic
				15:20	71.3	74.2	51.2						
				15:25	68.8	72.5	49.8						
				15:30	69.3	72.1	50.2						
				15:35	70.5	73.2	50.9						
				15:40	73.8	76.5	52.3						
8 Sep 2022	Sunny	0.0	94.1	15:15	70.9	73.5	50.9	68.7	73.3	<Baseline Level	75	N/A	Traffic
				15:20	64.6	68.0	47.6						
				15:25	70.3	73.0	50.8						
				15:30	68.8	71.2	49.7						
				15:35	58.2	61.3	42.9						
				15:40	70.2	73.4	52.3						
14 Sep 2022	Sunny	0.4	94.1	15:15	72.3	75.5	52.6	73.1	73.3	<Baseline Level	75	N/A	Traffic
				15:20	78.8	82.0	54.3						
				15:25	70.2	73.4	51.5						
				15:30	68.8	72.0	48.6						
				15:35	69.3	72.5	49.5						
				15:40	65.4	68.6	50.0						
20 Sep 2022	Sunny	0.1	94.1	15:15	74.3	77.5	54.3	68.4	73.3	<Baseline Level	75	N/A	Traffic
				15:20	65.2	68.4	47.6						
				15:25	67.7	70.9	48.5						
				15:30	60.4	63.6	52.8						
				15:35	65.3	68.5	47.9						
				15:40	61.2	64.4	53.2						
26 Sep 2022	Sunny	1.5	94.1	15:15	59.8	63.0	41.8	71.1	73.3	<Baseline Level	75	N/A	Traffic
				15:20	71.3	74.5	56.7						
				15:25	73.4	76.6	57.8						
				15:30	75.5	78.7	60.0						
				15:35	65.4	68.6	53.0						
				15:40	64.3	67.5	49.9						

Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: N12b - 11B Lo Uk Tsuen

Date	Weather	Wind Speed	Calibration Check	Time	Measurement Noise Level			Average Noise Level Leq	Baseline Level Leq	Construction Noise Level Leq	Action Level Leq	Major Construction Noise Source(s)	Other Noise Source(s)
					Leq	L10	L90						
					Unit: dB(A), (5-min)								
2 Sep 2022	Cloudy	0.3	94.1	14:30	64.5	68.1	55.1	64.3	76.8	<Baseline Level	75	N/A	Traffic
				14:35	65.3	68.8	55.3						
				14:40	66.8	70.5	56.0						
				14:45	64.2	67.9	54.8						
				14:50	61.8	65.5	50.3						
				14:55	59.4	63.0	48.6						
8 Sep 2022	Sunny	0.0	94.1	14:30	59.1	62.7	42.0	59.6	76.8	<Baseline Level	75	N/A	Traffic
				14:35	57.4	62.3	39.0						
				14:40	58.6	62.3	41.5						
				14:45	59.3	62.4	42.2						
				14:50	60.4	62.6	51.7						
				14:55	61.6	64.8	52.9						
14 Sep 2022	Sunny	0.4	94.1	14:30	59.5	62.5	50.5	62.2	76.8	<Baseline Level	75	N/A	Traffic
				14:35	61.8	64.6	52.8						
				14:40	62.3	65.3	53.4						
				14:45	65.8	68.6	56.7						
				14:50	60.1	63.2	51.2						
				14:55	59.8	62.7	50.7						
20 Sep 2022	Sunny	0.8	94.1	14:30	62.3	65.2	53.4	60.3	76.8	<Baseline Level	75	N/A	Traffic
				14:35	63.6	66.6	54.6						
				14:40	50.8	53.4	41.9						
				14:45	50.1	53.0	41.3						
				14:50	48.9	51.8	40.0						
				14:55	63.4	66.2	54.5						
26 Sep 2022	Sunny	1.9	94.1	14:30	64.5	67.5	55.5	62.5	76.8	<Baseline Level	75	N/A	Traffic
				14:35	62.1	65.3	53.2						
				14:40	63.5	66.5	54.5						
				14:45	60.1	63.1	51.2						
				14:50	61.2	64.2	52.2						
				14:55	62.3	65.2	53.3						

Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: N13 - 74 Pui O San Wai Tsuen

Date	Weather	Wind Speed	Calibration Check	Time	Measurement Noise Level			Average Noise Level	Baseline Level	Construction Noise Level	Action Level	Major Construction Noise Source(s)	Other Noise Source(s)
					Leq	L10	L90						
					Unit: dB(A), (5-min)								
2 Sep 2022	Cloudy	0.4	94.1	13:45	56.8	59.8	47.8	56.5	73.6	<Baseline Level	75	N/A	Traffic
				13:50	55.5	58.6	48.2						
				13:55	53.6	56.7	46.3						
				14:00	48.6	51.5	44.4						
				14:05	56.7	60.0	45.6						
				14:10	60.4	63.4	48.6						
8 Sep 2022	Sunny	0.2	94.1	13:45	52.8	55.5	46.7	55.9	73.6	<Baseline Level	75	N/A	Traffic
				13:50	53.4	56.2	47.8						
				13:55	52.6	55.1	46.8						
				14:00	53.6	55.3	48.0						
				14:05	59.7	62.6	49.3						
				14:10	57.6	60.1	48.9						
14 Sep 2022	Sunny	0.4	94.1	13:45	56.8	60.0	47.4	56.2	73.6	<Baseline Level	75	N/A	Traffic
				13:50	59.3	62.4	49.9						
				13:55	51.6	54.8	42.3						
				14:00	52.7	55.7	43.3						
				14:05	50.9	54.0	41.5						
				14:10	58.4	61.6	49.1						
20 Sep 2022	Sunny	0.7	94.1	13:45	59.1	62.2	49.7	55.1	73.6	<Baseline Level	75	N/A	Traffic
				13:50	50.0	53.2	40.5						
				13:55	53.6	56.9	44.3						
				14:00	55.5	58.8	46.5						
				14:05	54.3	57.3	44.8						
				14:10	52.8	56.0	43.5						
26 Sep 2022	Sunny	1.8	94.1	13:45	56.7	59.5	47.4	53.9	73.6	<Baseline Level	75	N/A	Traffic
				13:50	56.7	59.9	47.4						
				13:55	54.2	57.8	44.6						
				14:00	49.3	52.4	39.9						
				14:05	48.2	51.3	38.9						
				14:10	50.5	53.6	41.3						

Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: N14 - South Lantau Community Centre

Date	Weather	Wind Speed	Calibration Check	Time	Measurement Noise Level			Average Noise Level	Baseline Level	Construction Noise Level	Action Level	Major Construction Noise	Other Noise Source(s)
					Leq	L10	L90	Leq	Leq	Leq	Leq		
					Unit: dB(A), (5-min)			Unit: dB(A), (30-min)					
2 Sep 2022	Cloudy	0.2	94.1	10:55	48.6	51.5	38.5	51.9	62.2	<Baseline Level	75	N/A	Traffic
				11:00	51.3	54.0	40.4						
				11:05	53.2	56.0	42.3						
				11:10	53.5	56.5	42.2						
				11:15	52.9	55.8	41.8						
				11:20	49.6	52.4	39.1						
8 Sep 2022	Sunny	0.0	94.1	10:55	49.7	52.8	40.4	51.2	62.2	<Baseline Level	75	N/A	Traffic
				11:00	49.5	51.6	38.4						
				11:05	49.8	52.6	40.9						
				11:10	53.5	55.6	42.1						
				11:15	52.7	55.0	41.8						
				11:20	50.1	52.4	39.8						
14 Sep 2022	Sunny	0.2	94.1	10:55	49.8	52.9	40.0	50.3	62.2	<Baseline Level	75	N/A	Traffic
				11:00	49.5	52.5	39.7						
				11:05	44.6	47.8	37.8						
				11:10	52.3	55.6	41.5						
				11:15	53.6	56.8	41.8						
				11:20	44.4	47.6	37.8						
20 Sep 2022	Sunny	0.0	94.1	10:55	46.7	49.7	37.9	53.9	62.2	<Baseline Level	75	N/A	Traffic
				11:00	53.6	56.5	43.5						
				11:05	56.2	59.4	46.5						
				11:10	41.8	44.9	31.8						
				11:15	42.3	45.6	32.5						
				11:20	58.8	61.5	49.1						
26 Sep 2022	Sunny	0.7	94.1	10:55	39.9	43.0	36.8	58.0	62.2	<Baseline Level	75	N/A	Traffic
				11:00	48.4	51.5	38.6						
				11:05	59.3	62.4	49.4						
				11:10	58.9	62.1	49.1						
				11:15	60.1	63.4	50.2						
				11:20	60.4	63.5	50.5						

Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: N16a - Light pole in front of House E, Southern Comfort, Ham Tin

Date	Weather	Wind Speed	Calibration Check	Time	Measurement Noise Level			Average Noise Level	Baseline Level	Construction Noise Level	Action Level	Major Construction Noise Source(s)	Other Noise Source(s)
					Leq	L10	L90						
					Unit: dB(A), (5-min)								
2 Sep 2022	Cloudy	0.3	94.1	9:45	52.3	54.7	41.6	51.3	68.1	<Baseline Level	75	N/A	Traffic
				9:50	55.8	58.3	42.3						
				9:55	46.3	48.6	38.8						
				10:00	39.2	41.6	35.9						
				10:05	45.8	48.6	42.5						
10:10	52.1	54.5	43.6										
8 Sep 2022	Sunny	0.6	94.1	9:45	57.8	60.4	40.9	53.0	68.1	<Baseline Level	75	N/A	Traffic
				9:50	39.3	40.8	36.1						
				9:55	52.7	54.4	38.6						
				10:00	53.8	55.6	39.9						
				10:05	47.7	49.7	39.3						
10:10	49.6	52.3	41.6										
14 Sep 2022	Sunny	0.4	94.1	9:45	47.2	50.1	42.1	47.6	68.1	<Baseline Level	75	N/A	Traffic
				9:50	45.8	48.7	41.8						
				9:55	46.8	49.9	42.5						
				10:00	49.8	52.5	44.1						
				10:05	44.6	47.5	40.3						
10:10	49.2	52.6	44.8										
20 Sep 2022	Sunny	0.6	94.1	9:45	46.9	50.0	42.1	53.0	68.1	<Baseline Level	75	N/A	Traffic
				9:50	48.2	51.3	43.0						
				9:55	42.7	45.8	42.2						
				10:00	56.1	59.1	44.8						
				10:05	58.1	61.2	44.9						
10:10	43.6	46.6	39.2										
26 Sep 2022	Sunny	1.3	94.1	9:45	56.8	59.8	44.5	53.2	68.1	<Baseline Level	75	N/A	Traffic
				9:50	53.5	56.5	43.5						
				9:55	46.7	49.5	41.7						
				10:00	48.9	51.8	42.8						
				10:05	55.5	58.4	44.6						
10:10	47.7	50.8	44.4										

Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: N16b - Fence in front of 7E Ham Tin San Tsuen, Ham Tin

Date	Weather	Wind Speed	Calibration Check	Time	Measurement Noise Level			Average Noise Level	Baseline Level	Construction Noise Level	Action Level	Major Construction Noise	Other Noise Source(s)
					Leq	L10	L90						
					Unit: dB(A), (5-min)			Unit: dB(A), (30-min)					
2 Sep 2022	Cloudy	0.3	94.1	10:20	51.2	54.6	42.8	53.0	68.5	<Baseline Level	75	N/A	Traffic
				10:25	52.3	55.7	43.2						
				10:30	48.6	52.0	41.3						
				10:35	55.4	58.8	44.8						
				10:40	56.3	59.7	43.5						
				10:45	47.2	50.8	42.1						
8 Sep 2022	Sunny	0.8	94.1	10:20	48.1	51.6	41.2	47.8	68.5	<Baseline Level	75	N/A	Traffic
				10:25	44.9	48.0	40.9						
				10:30	47.8	51.3	41.1						
				10:35	48.9	52.0	42.3						
				10:40	44.4	47.8	40.6						
				10:45	49.9	52.6	43.0						
14 Sep 2022	Sunny	0.3	94.1	10:20	42.1	44.8	40.8	42.7	68.5	<Baseline Level	75	N/A	Traffic
				10:25	41.6	44.2	39.5						
				10:30	45.4	48.2	43.3						
				10:35	44.3	47.1	42.1						
				10:40	40.9	43.5	38.9						
				10:45	39.2	41.9	37.2						
20 Sep 2022	Sunny	0.1	94.1	10:20	41.4	44.0	39.9	41.7	68.5	<Baseline Level	75	N/A	Traffic
				10:25	42.8	45.6	40.0						
				10:30	43.9	46.6	40.3						
				10:35	40.5	43.2	37.5						
				10:40	39.9	42.5	36.6						
				10:45	39.8	42.5	36.6						
26 Sep 2022	Sunny	0.9	94.1	10:20	48.8	51.6	42.3	49.4	68.5	<Baseline Level	75	N/A	Traffic
				10:25	49.3	52.1	43.1						
				10:30	47.6	50.3	44.5						
				10:35	42.1	44.8	40.1						
				10:40	50.1	52.9	45.1						
				10:45	52.8	55.7	46.2						

Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: N17 - Bui O Public School

Date	Weather	Wind Speed	Calibration Check	Time	Measurement Noise Level			Average Noise Level	Baseline Level	Construction Noise Level	Limit Level	Major Construction Noise Source(s)	Other Noise Source(s)
					Leq	L10	L90						
					Unit: dB(A), (5-min)								
2 Sep 2022	Cloudy	0.7	94.1	13:00	47.8	49.6	40.1	47.3	62.3	<Baseline Level	70	N/A	Traffic
				13:05	46.3	48.3	41.2						
				13:10	48.8	50.6	41.3						
				13:15	46.5	48.7	40.5						
				13:20	47.2	49.6	40.8						
8 Sep 2022	Sunny	0.3	94.1	13:00	46.8	48.2	40.9	45.8	62.3	<Baseline Level	70	N/A	Traffic
				13:05	45.4	48.0	41.4						
				13:10	45.6	48.4	41.5						
				13:15	46.7	48.0	40.7						
				13:20	44.8	47.7	39.8						
14 Sep 2022	Sunny	0.6	94.1	13:00	52.3	54.6	46.0	49.0	62.3	<Baseline Level	70	N/A	Traffic
				13:05	50.8	53.2	44.6						
				13:10	44.4	46.7	38.0						
				13:15	43.2	45.6	36.9						
				13:20	45.8	48.2	39.4						
20 Sep 2022	Sunny	0.2	94.1	13:00	49.9	52.3	43.6	49.5	62.3	<Baseline Level	70	N/A	Traffic
				13:05	53.5	55.9	47.3						
				13:10	44.8	47.5	40.5						
				13:15	45.3	47.6	42.2						
				13:20	43.2	45.6	41.3						
26 Sep 2022	Sunny	1.9	94.1	13:00	49.9	53.5	43.5	49.9	62.3	<Baseline Level	70	N/A	Traffic
				13:05	44.6	46.8	40.2						
				13:10	46.3	48.7	40.0						
				13:15	45.8	48.3	39.9						
				13:20	52.0	54.3	46.5						
				13:25	53.5	55.8	46.3						



Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: N12a - Light Pole in front of 47 Lo Uk Tsuen

Date	Weather	Wind Speed	Calibration Check	Time	Measurement Noise Level			Average Noise Level	Baseline Level	Construction Noise Level	Action Level	Major Construction Noise Source(s)*	Other Noise Source(s)
					Leq	L10	L90						
					Unit: dB(A), (5-min)								
6 Oct 2022	Sunny	0.4	94.1	15:15	71.3	76.1	51.6	71.7	73.3	<Baseline Level	75	N/A	Traffic
				15:20	74.6	79.3	55.0						
				15:25	73.3	78.0	53.7						
				15:30	68.9	73.6	50.2						
				15:35	68.2	73.2	50.5						
				15:40	70.3	75.1	52.3						
12 Oct 2022	Sunny	0.7	94.1	15:15	60.7	65.6	48.2	65.5	73.3	<Baseline Level	75	N/A	Traffic
				15:20	70.2	75.1	50.1						
				15:25	65.3	70.0	49.3						
				15:30	66.6	71.3	49.6						
				15:35	58.2	63.3	47.8						
				15:40	60.1	65.0	48.0						
18 Oct 2022	Cloudy	0.3	94.1	16:25	64.5	67.5	54.8	65.2	73.3	<Baseline Level	75	N/A	Traffic
				16:30	66.5	69.4	55.8						
				16:35	61.4	64.6	52.7						
				16:40	64.6	67.5	53.7						
				16:45	68.0	71.3	56.1						
				16:50	63.1	66.2	53.4						
24 Oct 2022	Sunny	0.2	94.1	16:25	67.7	70.5	56.8	68.4	73.3	<Baseline Level	75	N/A	Traffic
				16:30	70.1	73.4	60.2						
				16:35	64.4	67.7	55.9						
				16:40	67.8	70.8	56.8						
				16:45	71.7	74.8	61.3						
				16:50	62.1	65.1	54.3						

* N/A refers to no major construction noise observed during noise monitoring



Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: N12b - 11B Lo Uk Tsuen

Date	Weather	Wind Speed	Calibration Check	Time	Measurement Noise Level			Average Noise Level Leq	Baseline Level Leq	Construction Noise Level Leq	Action Level Leq	Major Construction Noise Source(s)*	Other Noise Source(s)
					Leq	L10	L90						
					Unit: dB(A), (5-min)								
6 Oct 2022	Sunny	0.2	94.1	14:30	60.1	65.2	42.3	60.1	76.8	<Baseline Level	75	N/A	Traffic
				14:35	58.6	63.5	40.8						
				14:40	59.6	64.7	41.5						
				14:45	60.2	65.3	42.6						
				14:50	60.3	65.4	42.7						
				14:55	61.5	65.5	43.9						
12 Oct 2022	Sunny	0.4	94.1	14:30	59.8	64.3	43.4	64.4	76.8	<Baseline Level	75	N/A	Traffic
				14:35	68.8	73.3	46.4						
				14:40	63.2	68.1	44.4						
				14:45	66.6	71.0	47.7						
				14:50	56.3	60.8	41.2						
				14:55	59.9	64.3	43.2						
18 Oct 2022	Cloudy	0.0	94.1	13:05	60.4	63.3	46.7	57.1	76.8	<Baseline Level	75	N/A	Traffic
				13:10	55.5	58.6	45.1						
				13:15	54.8	57.9	44.8						
				13:20	58.9	62.0	46.6						
				13:25	54.1	57.0	43.4						
				13:30	54.6	57.5	43.9						
24 Oct 2022	Sunny	0.0	94.1	13:05	63.3	68.1	46.7	58.6	76.8	<Baseline Level	75	N/A	Traffic
				13:10	55.1	60.0	45.2						
				13:15	57.7	63.4	45.9						
				13:20	54.4	69.1	47.0						
				13:25	56.9	61.8	46.8						
				13:30	57.3	62.3	46.7						

* N/A refers to no major construction noise observed during noise monitoring



Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: N13 - 74 Pui O San Wai Tsuen

Date	Weather	Wind Speed	Calibration Check	Time	Measurement Noise Level			Average Noise Level Leq	Baseline Level Leq	Construction Noise Level Leq	Action Level Leq	Major Construction Noise Source(s)*	Other Noise Source(s)
					Leq	L10	L90						
					Unit: dB(A), (5-min)								
6 Oct 2022	Sunny	0.0	94.1	13:45	55.8	58.8	48.3	60.9	73.6	<Baseline Level	75	N/A	Traffic
				13:50	55.9	59.0	48.6						
				13:55	58.3	61.2	49.4						
				14:00	51.2	55.0	47.8						
				14:05	60.8	63.7	50.3						
				14:10	66.6	69.9	50.9						
12 Oct 2022	Sunny	0.7	94.1	13:45	56.8	59.2	48.9	60.3	73.6	<Baseline Level	75	N/A	Traffic
				13:50	59.5	62.3	52.8						
				13:55	58.2	61.8	50.9						
				14:00	60.1	63.2	53.3						
				14:05	55.9	59.0	46.5						
				14:10	64.8	67.7	56.9						
18 Oct 2022	Cloudy	0.4	94.1	11:20	59.3	62.3	49.5	59.6	73.6	<Baseline Level	75	N/A	Traffic
				11:25	61.6	64.5	48.7						
				11:30	62.4	65.4	49.3						
				11:35	55.8	58.8	49.6						
				11:40	59.1	62.1	50.1						
				11:45	53.9	57.0	48.4						
24 Oct 2022	Sunny	0.2	94.1	11:20	62.4	65.5	56.7	62.6	73.6	<Baseline Level	75	N/A	Traffic
				11:25	64.2	69.8	57.3						
				11:30	65.5	68.4	57.8						
				11:35	58.6	61.9	55.2						
				11:40	62.6	65.7	56.7						
				11:45	56.5	59.5	54.8						

* N/A refers to no major construction noise observed during noise monitoring



Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: N14 - South Lantau Community Centre

Date	Weather	Wind Speed	Calibration Check	Time	Measurement Noise Level			Average Noise Level	Baseline Level	Construction Noise Level	Action Level	Major Construction Noise	Other Noise Source(s)
					Leq	L10	L90	Leq	Leq	Leq	Leq		
					Unit: dB(A), (5-min)			Unit: dB(A), (30-min)					
6 Oct 2022	Sunny	0.2	94.1	10:55	50.7	53.6	42.1	52.1	62.2	<Baseline Level	75	N/A	Traffic
				11:00	50.5	53.4	42.1						
				11:05	50.8	53.8	42.3						
				11:10	54.5	57.6	43.4						
				11:15	52.6	55.5	42.8						
				11:20	52.1	55.1	42.9						
12 Oct 2022	Sunny	0.3	94.1	10:55	53.5	56.4	43.2	57.1	62.2	<Baseline Level	75	N/A	Traffic
				11:00	60.3	65.7	46.1						
				11:05	49.6	52.8	42.3						
				11:10	52.4	55.6	43.1						
				11:15	59.1	63.9	45.2						
				11:20	58.4	62.4	45.3						
18 Oct 2022	Cloudy	0.2	94.1	10:45	53.2	56.2	47.6	58.8	62.2	<Baseline Level	75	N/A	Traffic
				10:50	60.9	64.0	49.3						
				10:55	60.7	63.8	49.1						
				11:00	57.4	60.5	48.8						
				11:05	59.6	62.6	50.3						
				11:10	57.1	60.1	49.8						
24 Oct 2022	Sunny	0.0	94.1	10:45	46.8	49.5	43.4	51.4	62.2	<Baseline Level	75	N/A	Traffic
				10:50	53.8	56.7	45.3						
				10:55	52.8	55.1	44.4						
				11:00	49.9	53.0	44.8						
				11:05	51.6	54.6	45.1						
				11:10	50.0	53.0	44.5						

* N/A refers to no major construction noise observed during noise monitoring



Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: N15b - Pole in front of 7A Pui O Lo Wai Tsuen

Date	Weather	Wind Speed	Calibration Check	Time	Measurement Noise Level			Average Noise Level	Baseline Level	Construction Noise Level	Limit Level	Major Construction Noise Source(s)*	Other Noise Source(s)
					Leq	L10	L90						
					Unit: dB(A), (5-min)								
11 Oct 2022	Sunny	0.0	94.1	15:30	67.6	71.8	51.2	68.8	70.7	<Baseline Level	75	N/A	Traffic, Other nearby construction noise
				15:35	64.6	69.6	48.6						
				15:40	68.0	72.9	50.3						
				15:45	65.9	70.4	45.4						
				15:50	69.6	74.9	46.6						
			15:55	72.4	78.8	63.8							
18 Oct 2022	Cloudy	0.0	94.1	14:15	64.6	68.0	51.2	64.8	70.7	<Baseline Level	75	N/A	Traffic, Other nearby construction noise
				15:55	62.9	66.5	49.8						
				16:00	63.4	66.7	51.3						
				16:05	62.1	65.5	47.5						
				16:10	66.6	70.2	52.3						
			16:15	66.9	70.5	52.6							
24 Oct 2022	Sunny	0.0	94.1	14:15	61.6	63.3	54.5	61.0	70.7	<Baseline Level	75	N/A	Traffic
				15:55	61.1	64.5	56.1						
				16:00	59.4	62.6	55.4						
				16:05	58.5	51.5	55.2						
				16:10	62.8	67.7	56.8						
			16:15	61.3	54.4	55.5							

* N/A refers to no major construction noise observed during noise monitoring



Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: N16a - Light pole in front of House E, Southern Comfort, Ham Tin

Date	Weather	Wind Speed	Calibration Check	Time	Measurement Noise Level			Average Noise Level	Baseline Level	Construction Noise Level	Action Level	Major Construction Noise Source(s)*	Other Noise Source(s)
					Leq	L10	L90						
					Unit: dB(A), (5-min)								
6 Oct 2022	Sunny	0.4	94.1	9:45	58.8	51.7	42.1	53.0	68.1	<Baseline Level	75	N/A	Traffic
				9:50	40.9	43.8	40.0						
				9:55	53.8	56.6	41.3						
				10:00	43.8	46.9	40.3						
				10:05	48.8	51.8	41.1						
10:10	49.1	52.3	41.3										
12 Oct 2022	Sunny	0.8	94.1	9:45	58.9	52.9	40.3	56.6	68.1	<Baseline Level	75	N/A	Traffic
				9:50	53.9	56.2	40.6						
				9:55	55.6	58.3	40.2						
				10:00	52.3	55.6	39.8						
				10:05	59.6	62.1	43.2						
10:10	54.4	56.9	41.0										
18 Oct 2022	Cloudy	0.6	94.1	9:45	56.4	59.7	49.2	55.5	68.1	<Baseline Level	75	N/A	Traffic
				9:50	55.3	58.6	48.3						
				9:55	51.6	54.9	46.1						
				10:00	58.1	51.4	50.4						
				10:05	56.2	59.6	49.7						
10:10	51.7	55.1	46.8										
24 Oct 2022	Sunny	0.3	94.1	9:45	54.8	57.9	48.6	53.9	68.1	<Baseline Level	75	N/A	Traffic
				9:50	53.7	56.8	47.6						
				9:55	50.2	53.2	45.9						
				10:00	56.3	59.8	49.3						
				10:05	54.7	57.6	48.5						
10:10	49.8	52.7	45.0										

* N/A refers to no major construction noise observed during noise monitoring



Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: N16b - Fence in front of 7E Ham Tin San Tsuen, Ham Tin

Date	Weather	Wind Speed	Calibration Check	Time	Measurement Noise Level			Average Noise Level	Baseline Level	Construction Noise Level	Action Level	Major Construction Noise	Other Noise Source(s)
					Leq	L10	L90						
					Unit: dB(A), (5-min)			Unit: dB(A), (30-min)					
6 Oct 2022	Sunny	0.0	94.1	10:20	49.3	51.4	42.6	48.9	68.5	<Baseline Level	75	N/A	Traffic
				10:25	46.0	48.2	41.3						
				10:30	48.8	50.3	42.2						
				10:35	50.0	52.2	42.8						
				10:40	45.5	47.6	40.9						
12 Oct 2022	Sunny	0.5	94.1	10:20	49.1	50.0	40.8	47.5	68.5	<Baseline Level	75	N/A	Traffic
				10:25	42.7	44.1	40.0						
				10:30	45.9	47.8	40.3						
				10:35	50.2	52.8	43.9						
				10:40	47.4	49.9	40.6						
18 Oct 2022	Cloudy	0.0	94.1	10:15	48.9	51.4	43.3	49.2	68.5	<Baseline Level	75	N/A	Traffic
				10:20	46.3	48.7	40.7						
				10:25	49.5	51.0	43.8						
				10:30	51.4	54.1	45.6						
				10:35	47.6	50.1	42.6						
24 Oct 2022	Sunny	0.0	94.1	10:15	48.6	50.7	43.2	51.3	68.5	<Baseline Level	75	N/A	Traffic
				10:20	49.2	51.4	43.8						
				10:25	53.3	55.5	46.0						
				10:30	52.1	54.0	44.9						
				10:35	47.2	49.4	42.8						
				10:40	53.4	55.2	45.7						

* N/A refers to no major construction noise observed during noise monitoring



Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: N17 - Bui O Public School

Date	Weather	Wind Speed	Calibration Check	Time	Measurement Noise Level			Average Noise Level	Baseline Level	Construction Noise Level	Limit Level	Major Construction Noise Source(s)*	Other Noise Source(s)
					Leq	L10	L90						
					Unit: dB(A), (5-min)								
6 Oct 2022	Sunny	0.0	94.1	13:00	51.8	55.5	46.2	50.8	62.3	<Baseline Level	70	N/A	Traffic
				13:05	50.4	54.3	45.3						
				13:10	50.6	54.5	45.6						
				13:15	51.7	55.5	45.9						
				13:20	49.8	53.6	44.4						
				13:25	49.8	53.5	44.3						
12 Oct 2022	Sunny	0.2	94.1	13:00	52.6	56.1	46.4	56.0	62.3	<Baseline Level	70	N/A	Traffic
				13:05	54.0	57.0	48.8						
				13:10	58.6	62.5	51.3						
				13:15	54.8	57.5	49.1						
				13:20	56.6	59.3	50.2						
				13:25	56.9	60.3	50.3						
18 Oct 2022	Cloudy	0.0	94.1	13:40	49.9	52.0	46.4	50.7	62.3	<Baseline Level	70	N/A	Traffic
				13:45	50.2	52.4	46.7						
				13:50	50.3	52.6	46.8						
				13:55	50.3	52.4	47.0						
				14:00	50.9	53.1	47.3						
				14:05	52.1	54.3	48.5						
24 Oct 2022	Sunny	0.0	94.1	13:40	50.1	51.9	47.1	50.9	62.3	<Baseline Level	70	N/A	Traffic
				13:45	51.0	52.5	49.0						
				13:50	51.1	52.4	49.3						
				13:55	50.5	52.8	47.2						
				14:00	51.1	52.5	49.3						
				14:05	51.2	52.6	49.5						

* N/A refers to no major construction noise observed during noise monitoring

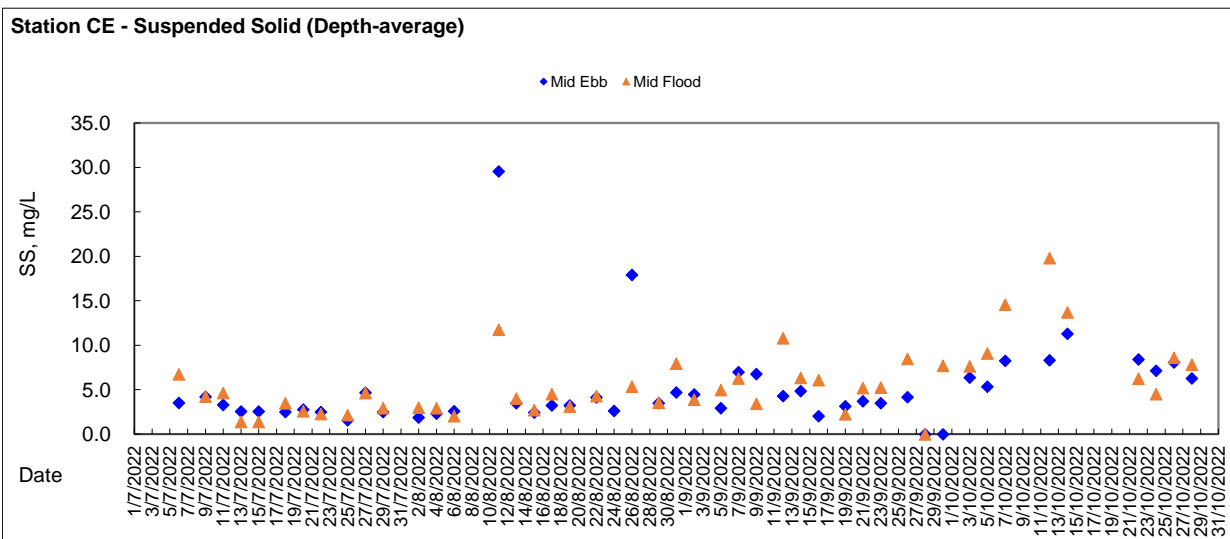
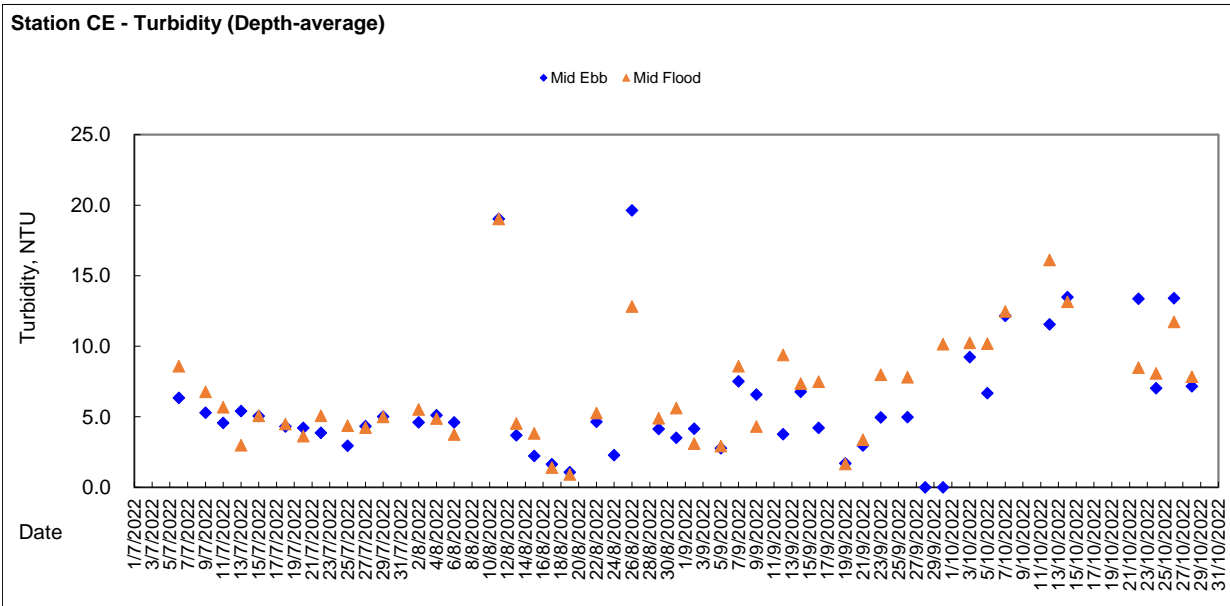
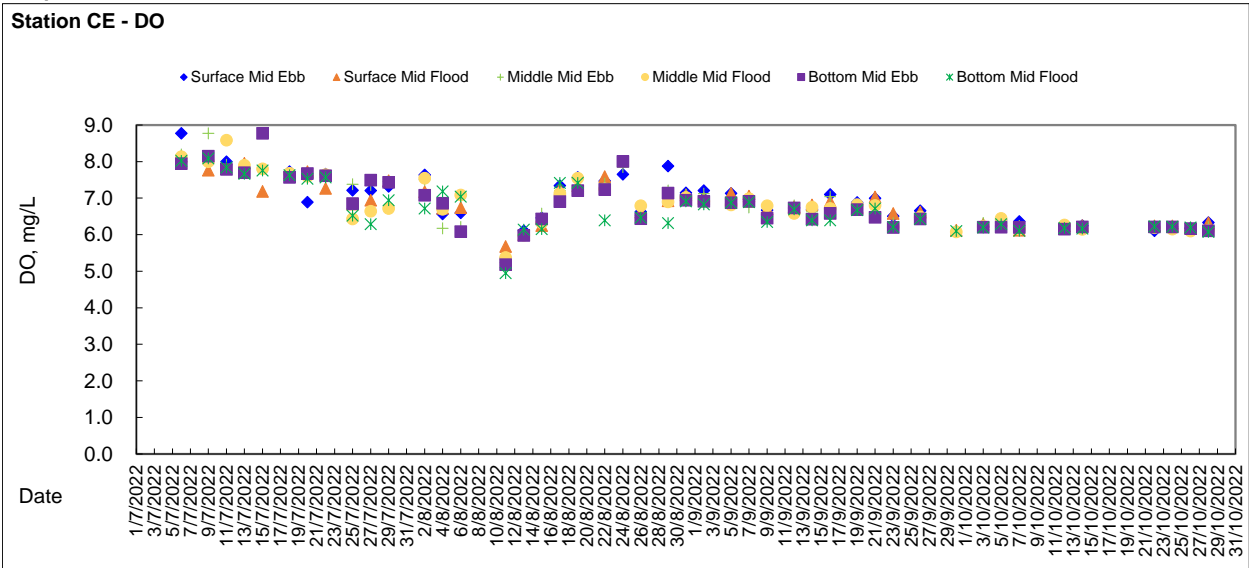


Appendix 5.2

Marine Water Quality Monitoring Graphical and Summary of Exceedance Presentations

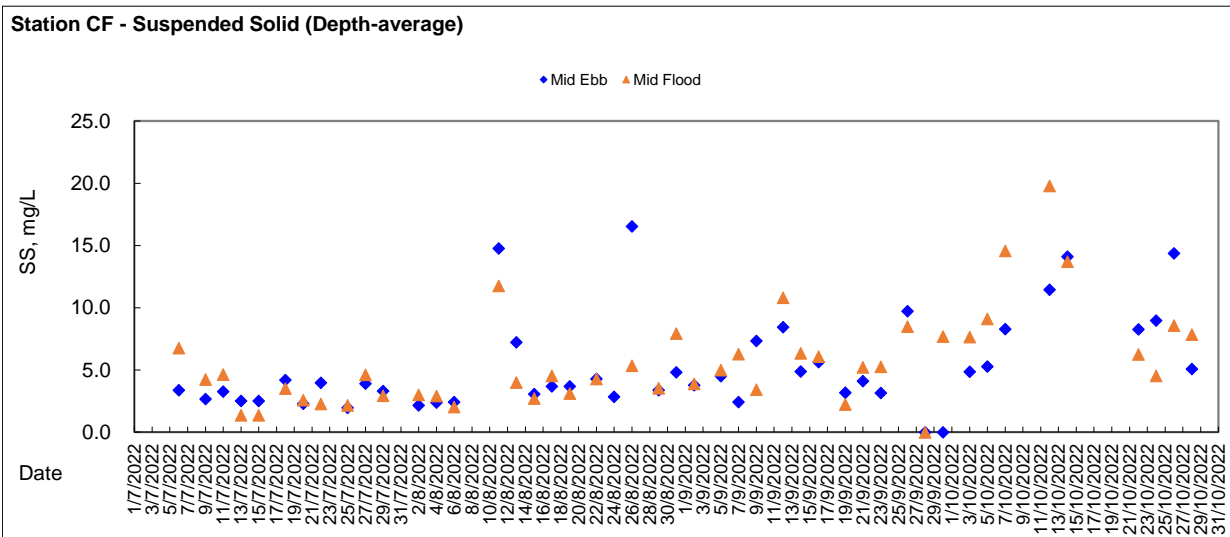
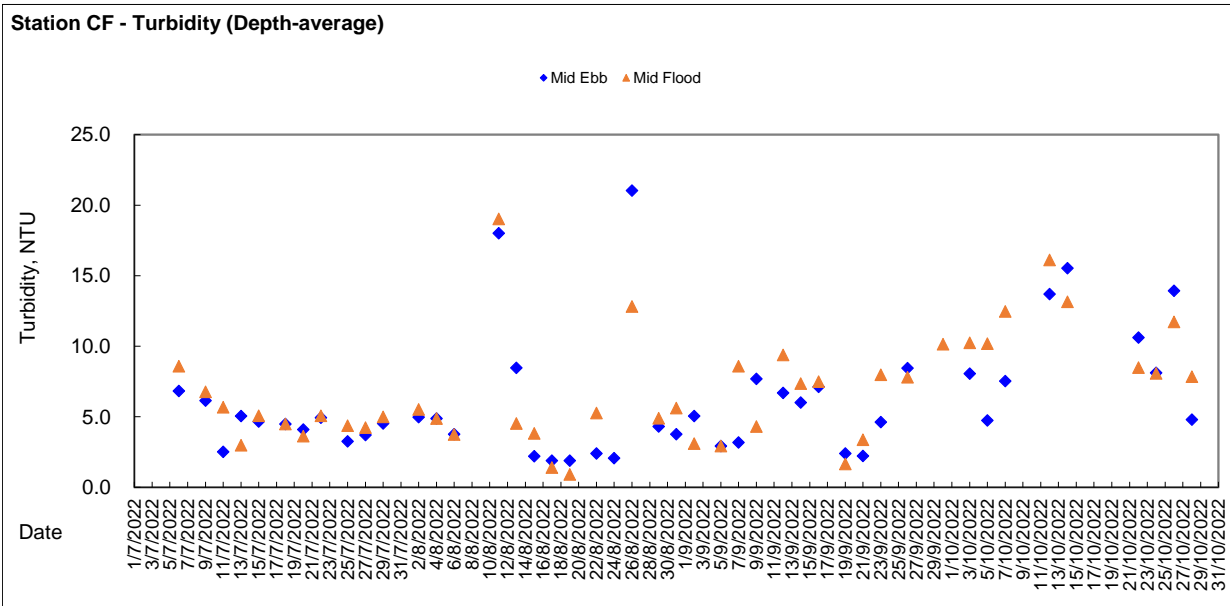
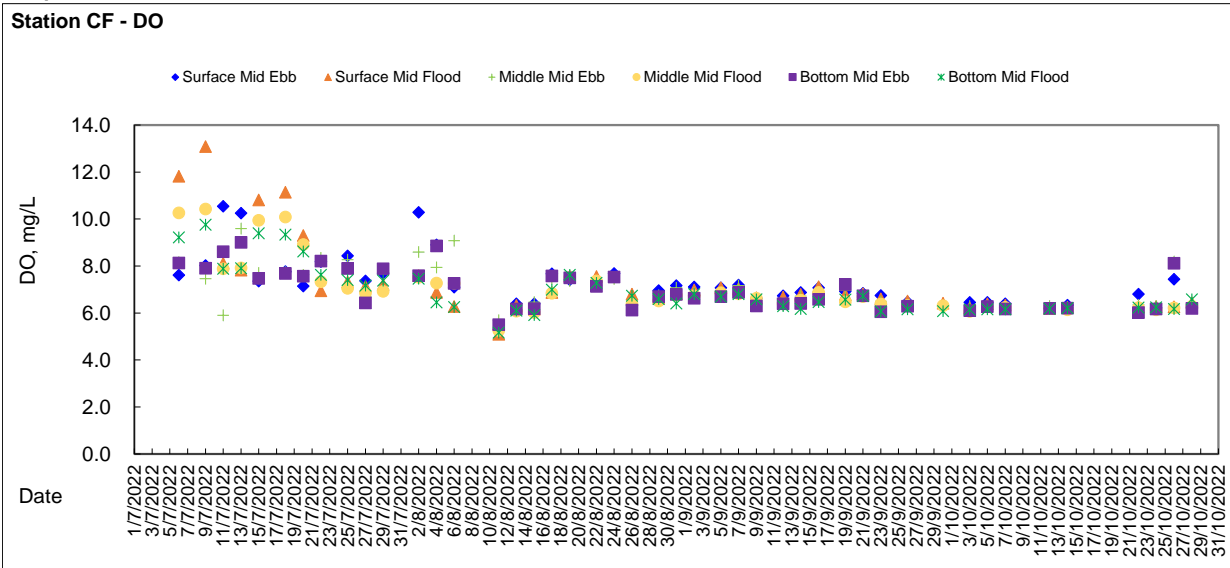


Graphic Presentation of WQM Result



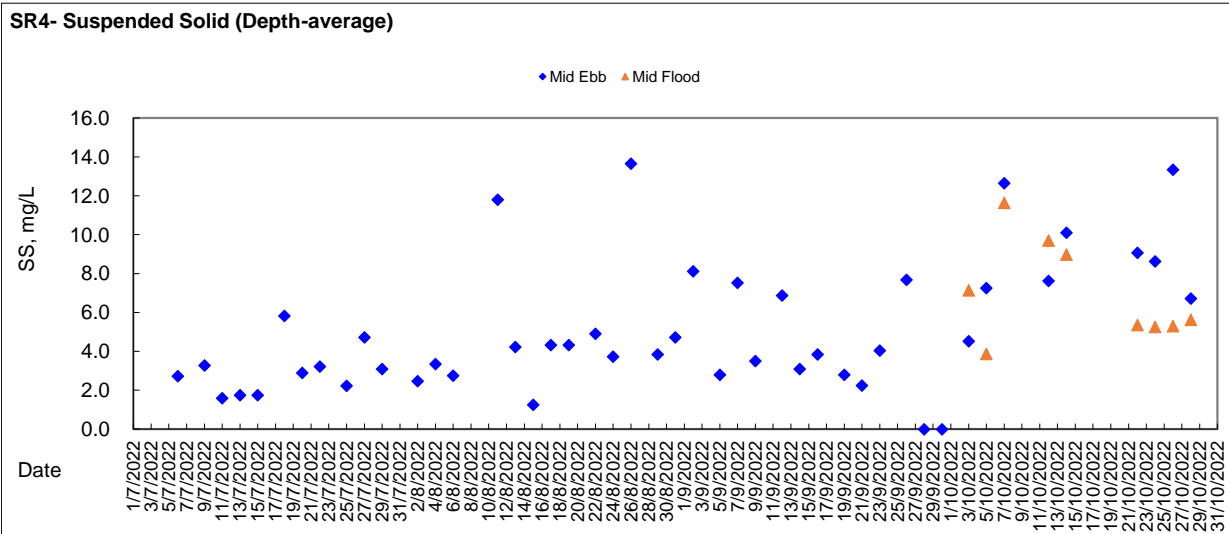
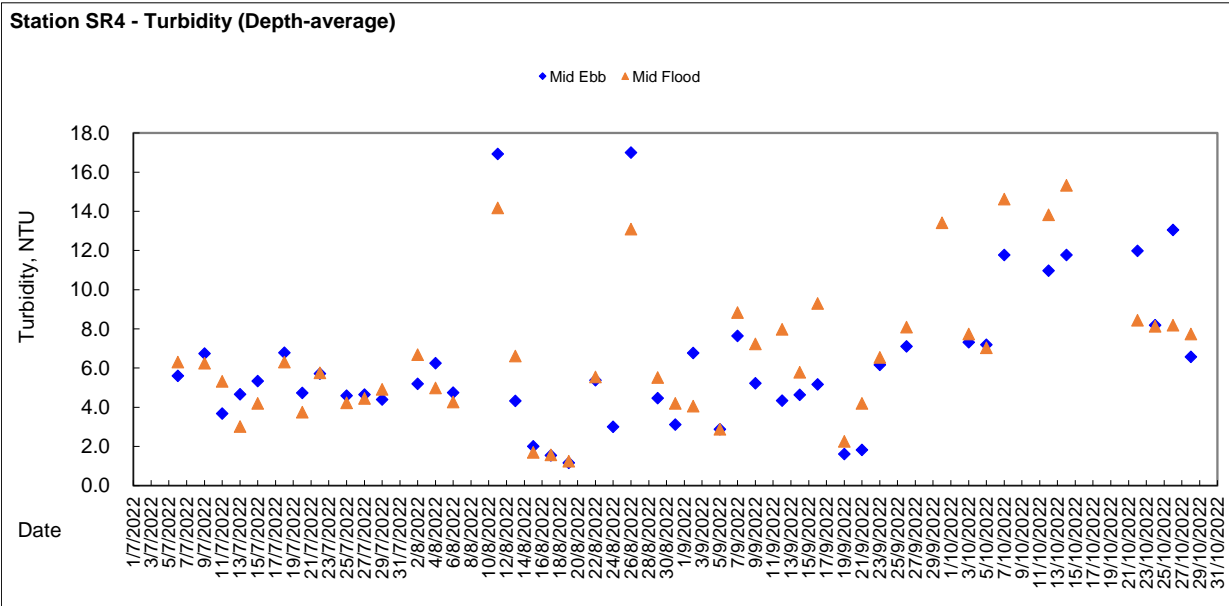
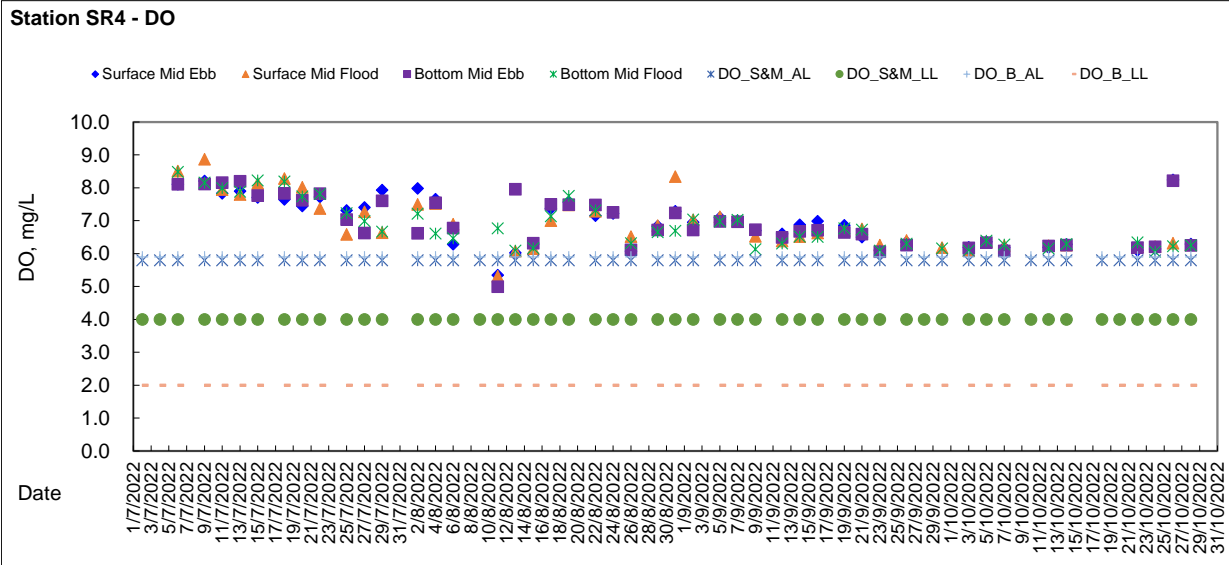


Graphic Presentation of WQM Result



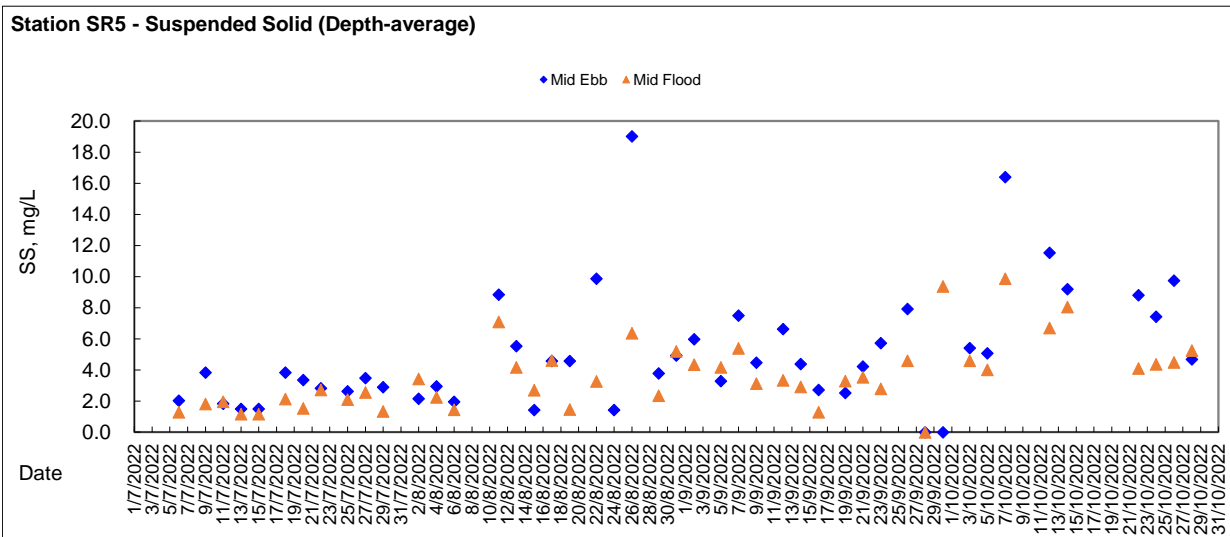
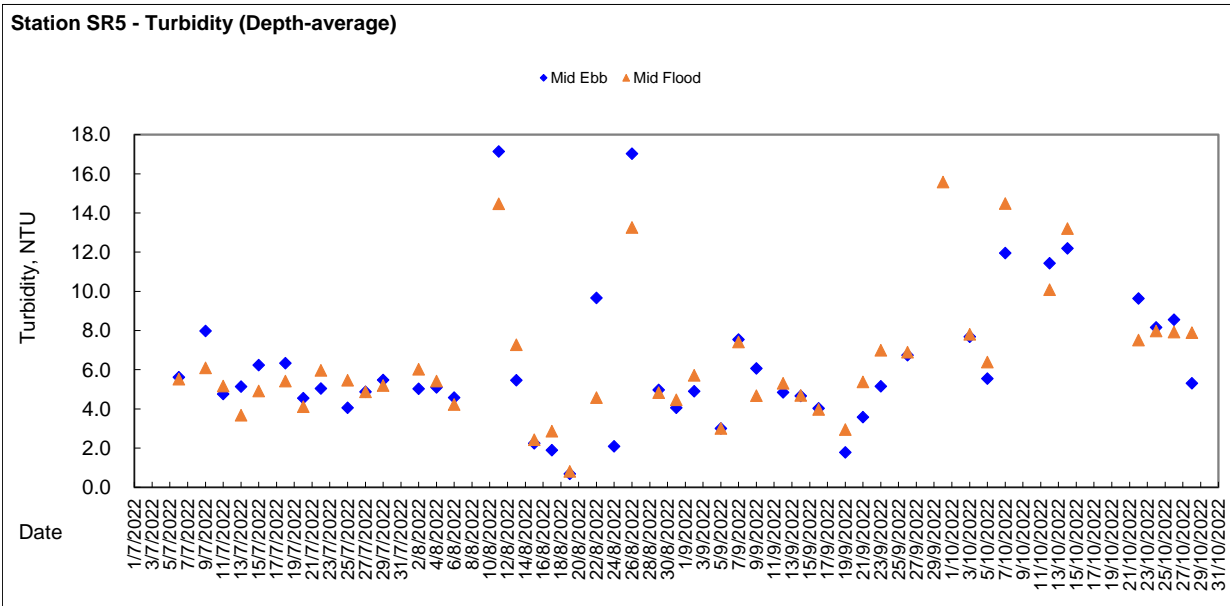
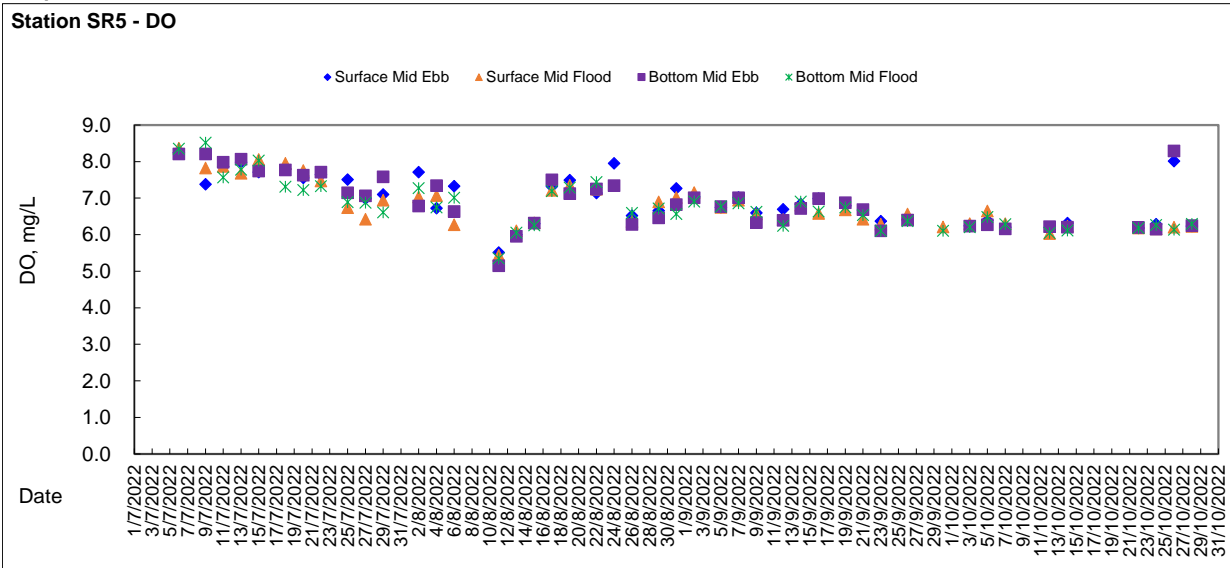


Graphic Presentation of WQM Result



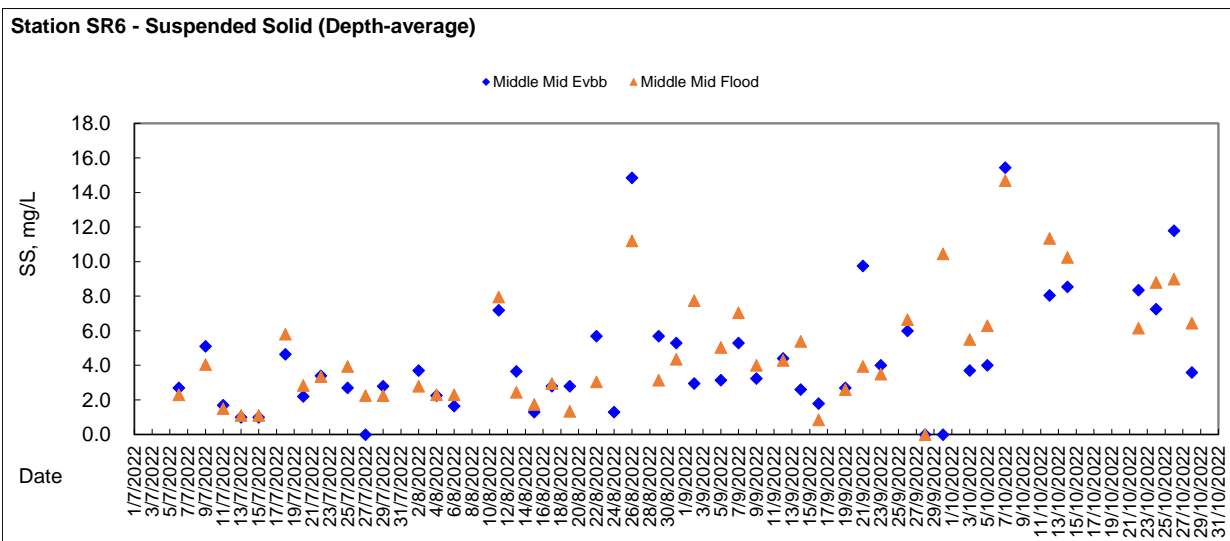
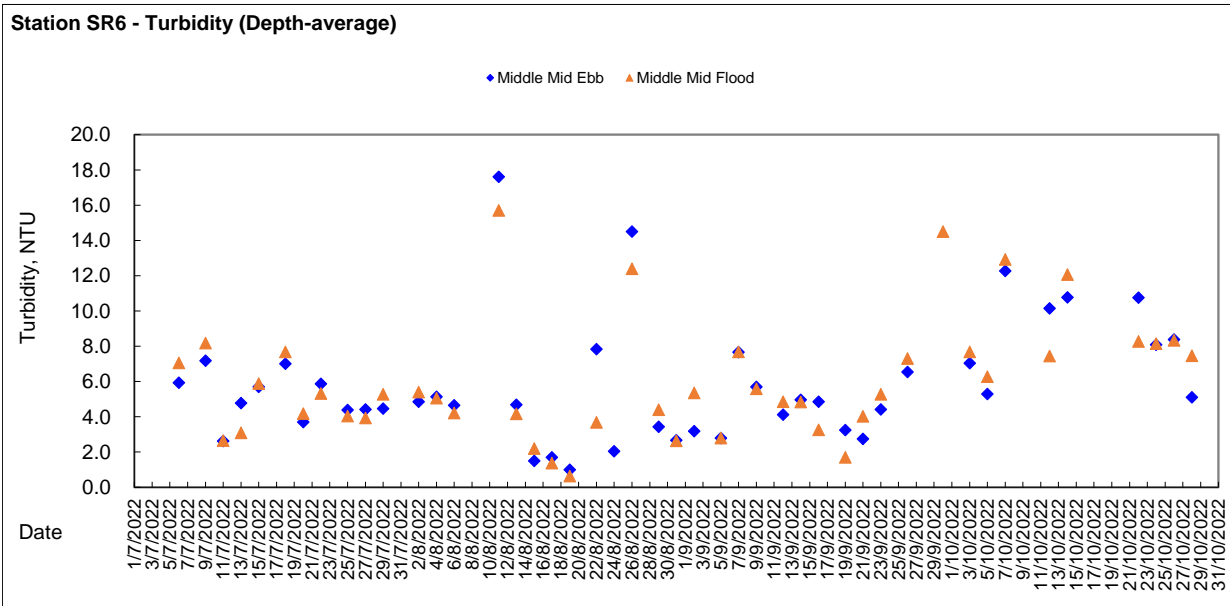
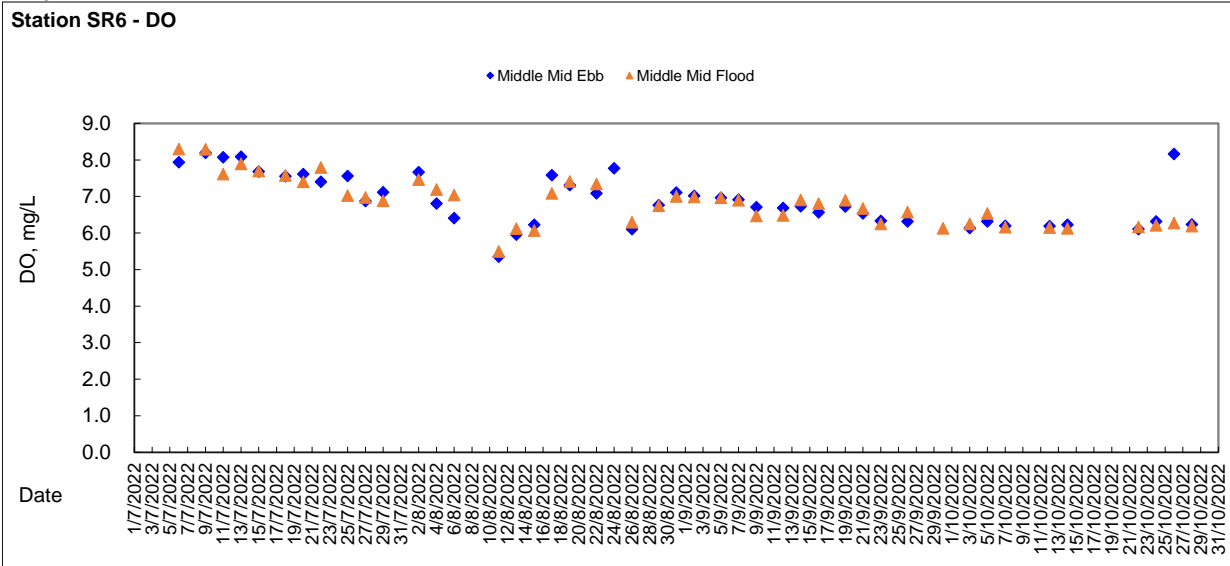


Graphic Presentation of WQM Result



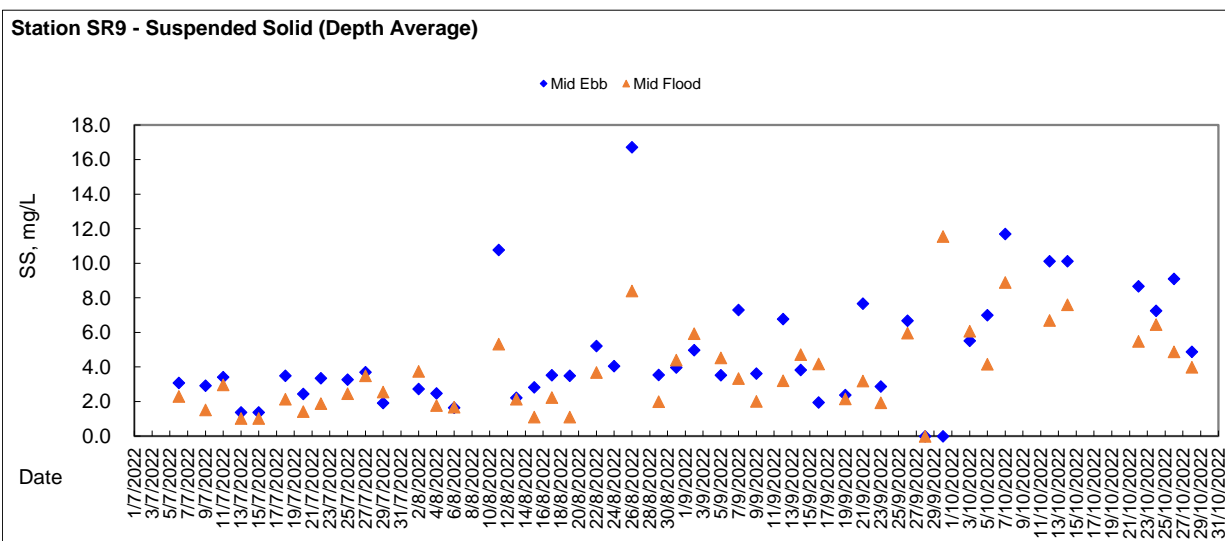
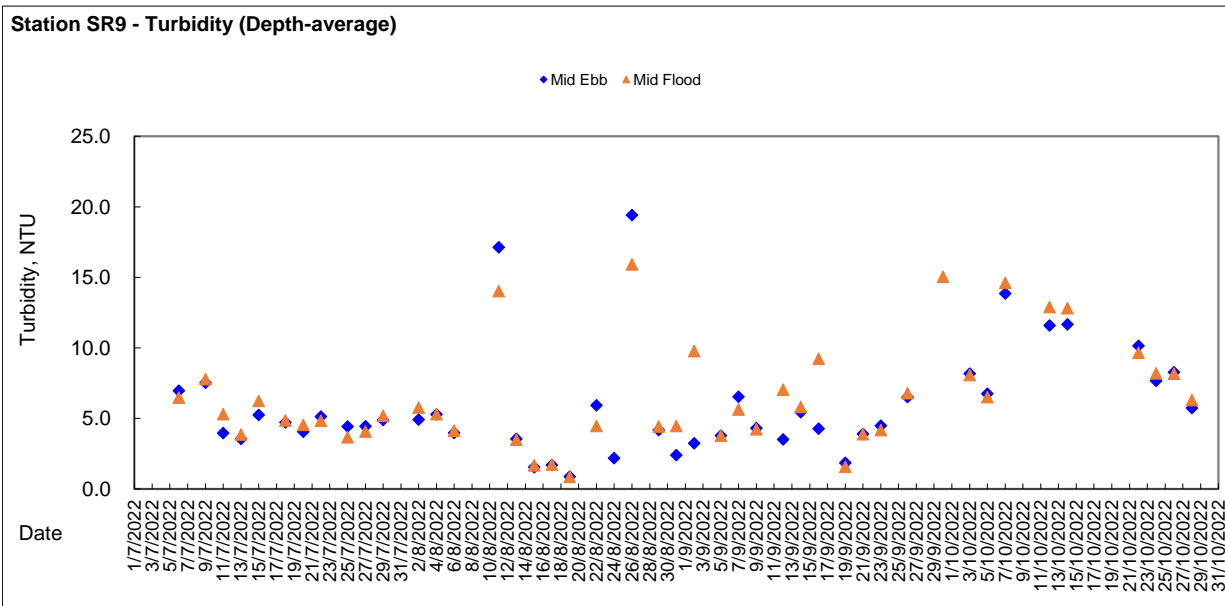
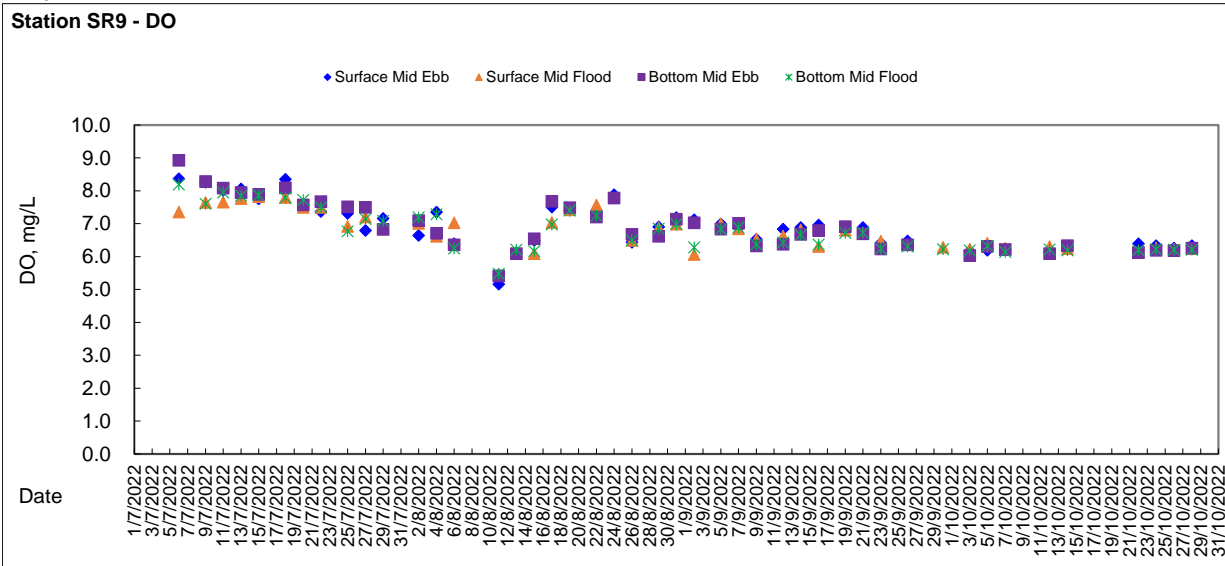


Graphic Presentation of WQM Result



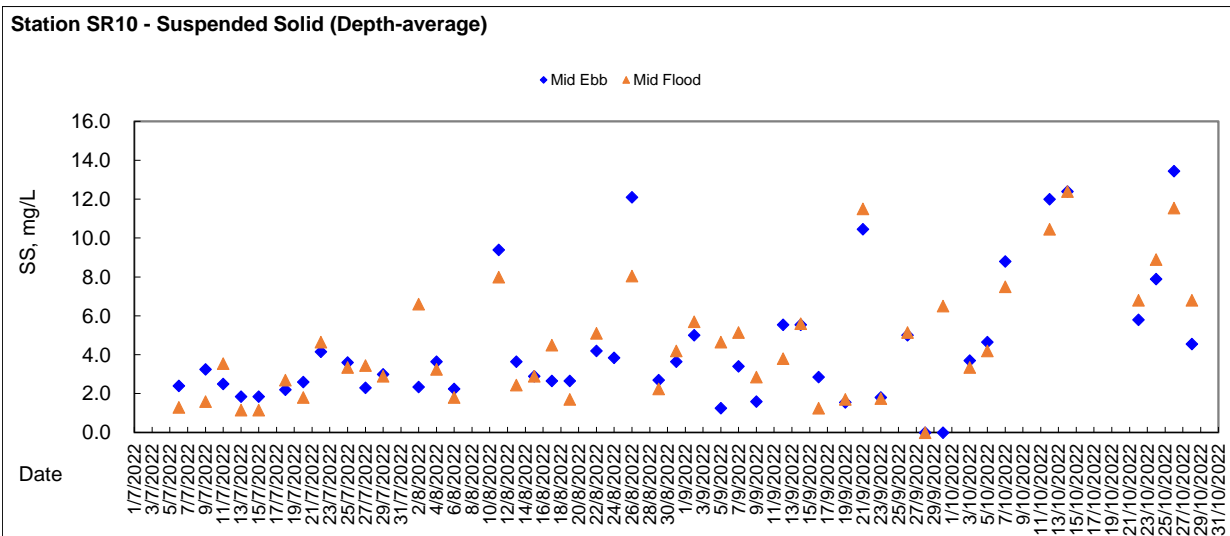
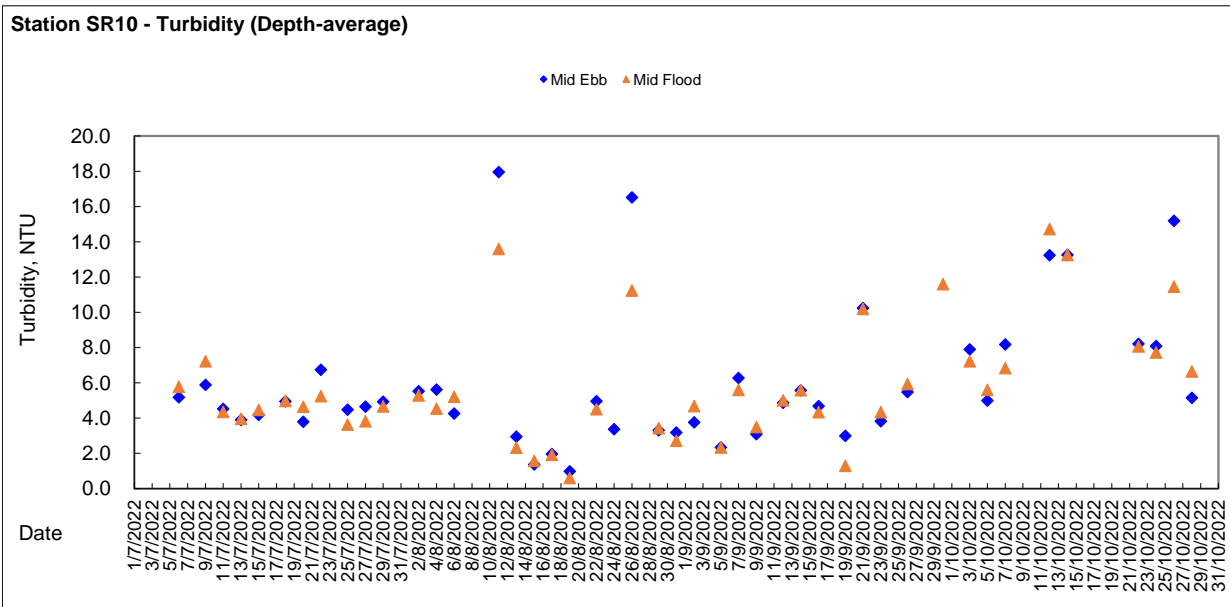
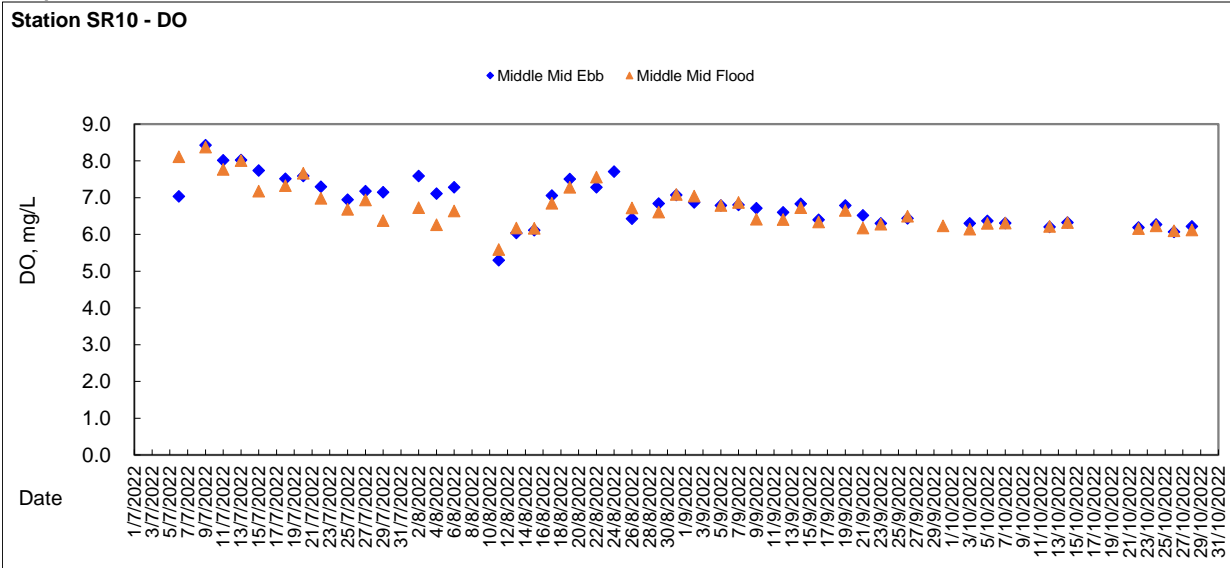


Graphic Presentation of WQM Result



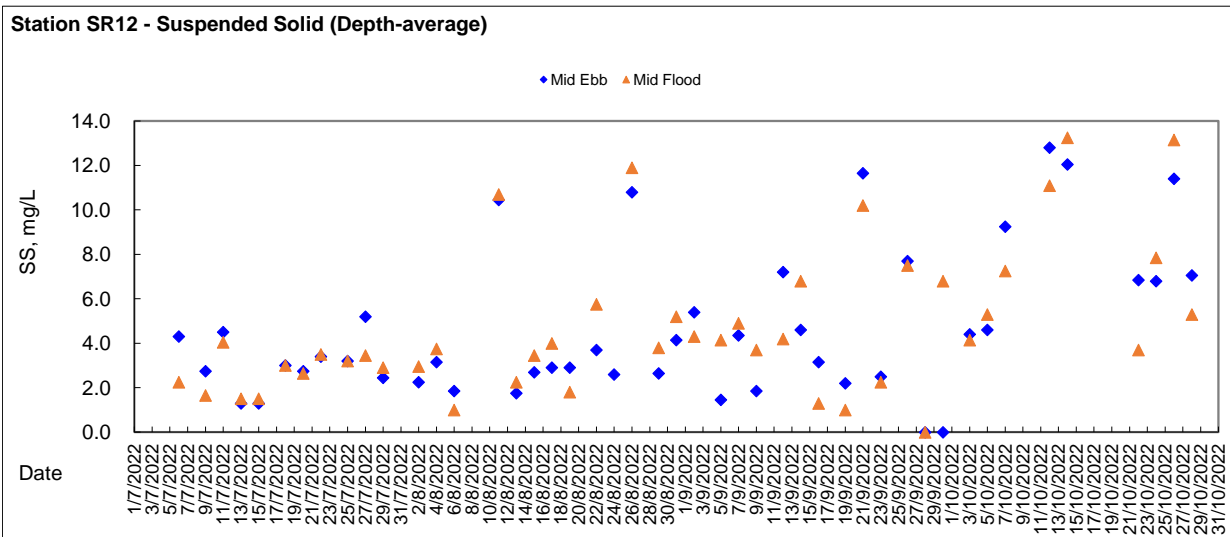
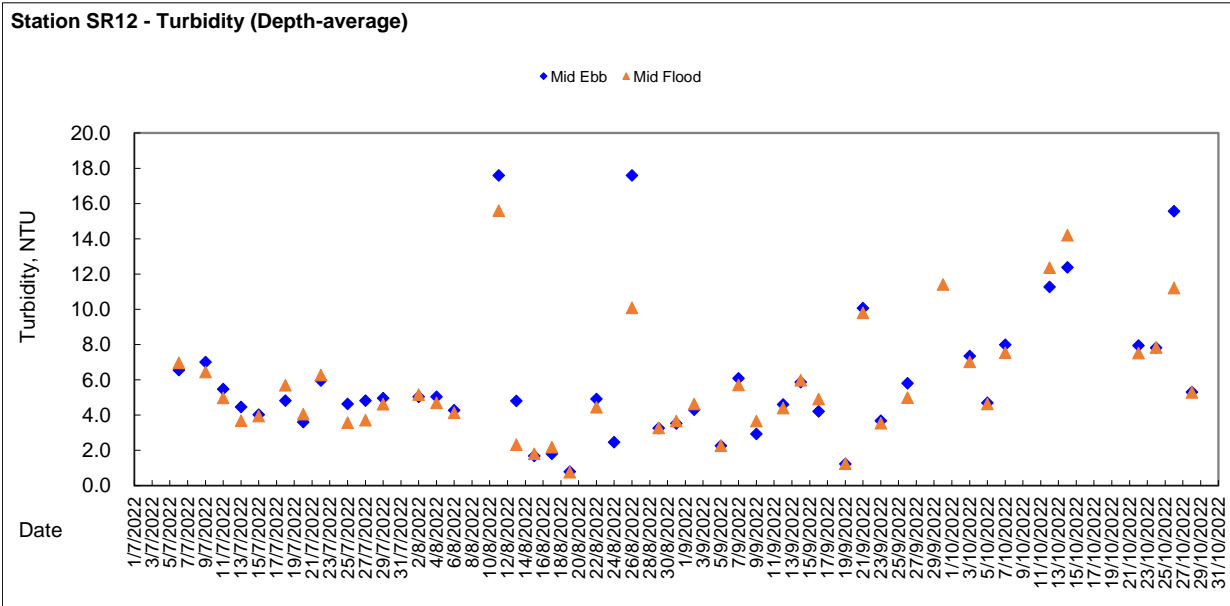
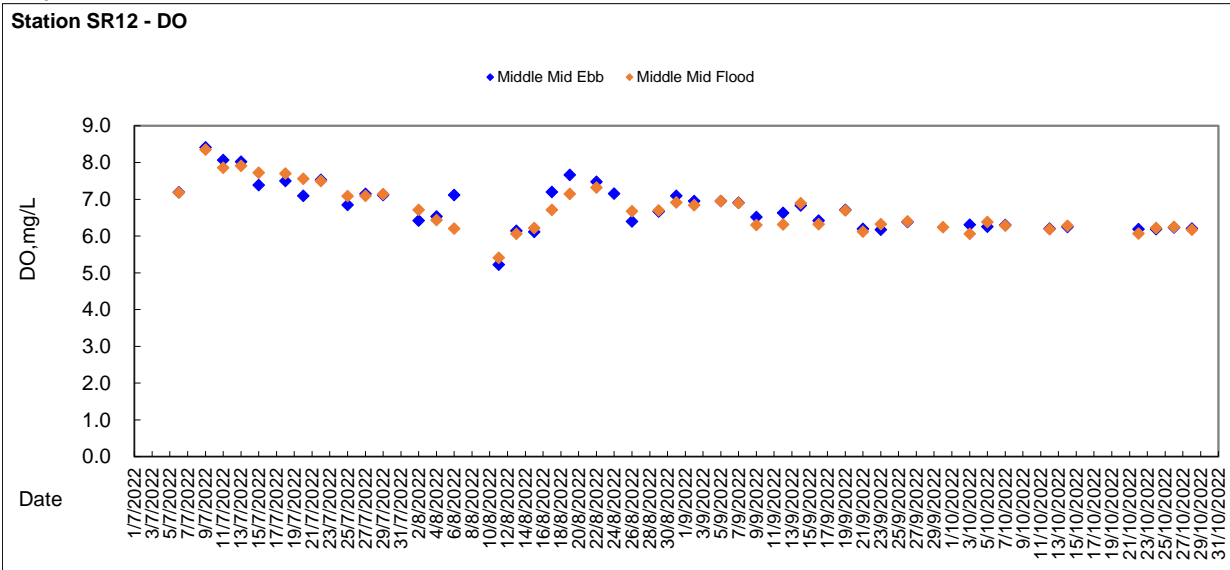


Graphic Presentation of WQM Result





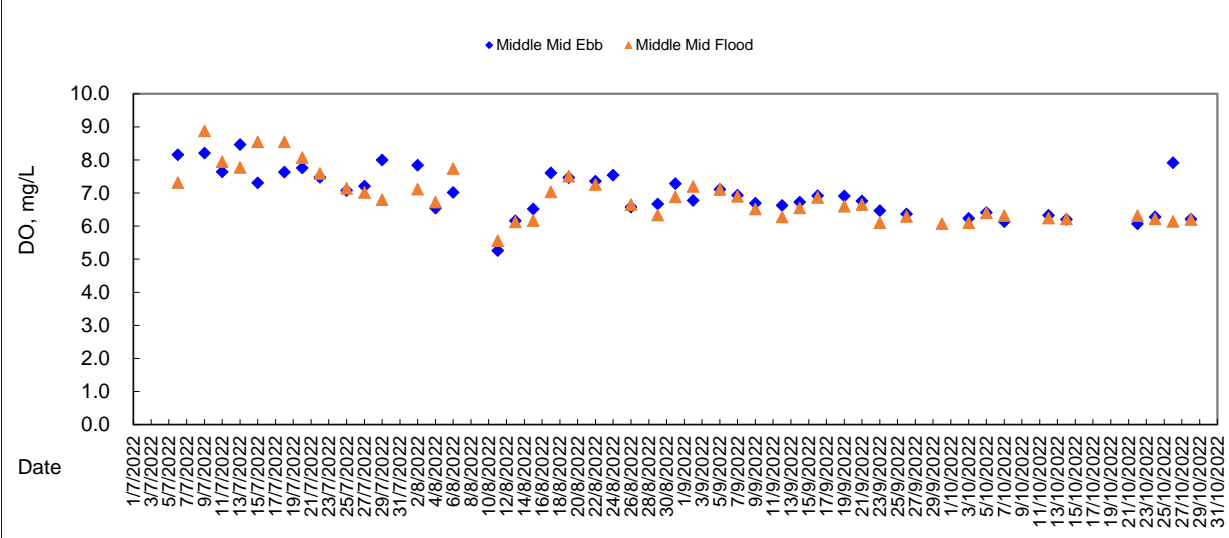
Graphic Presentation of WQM Result



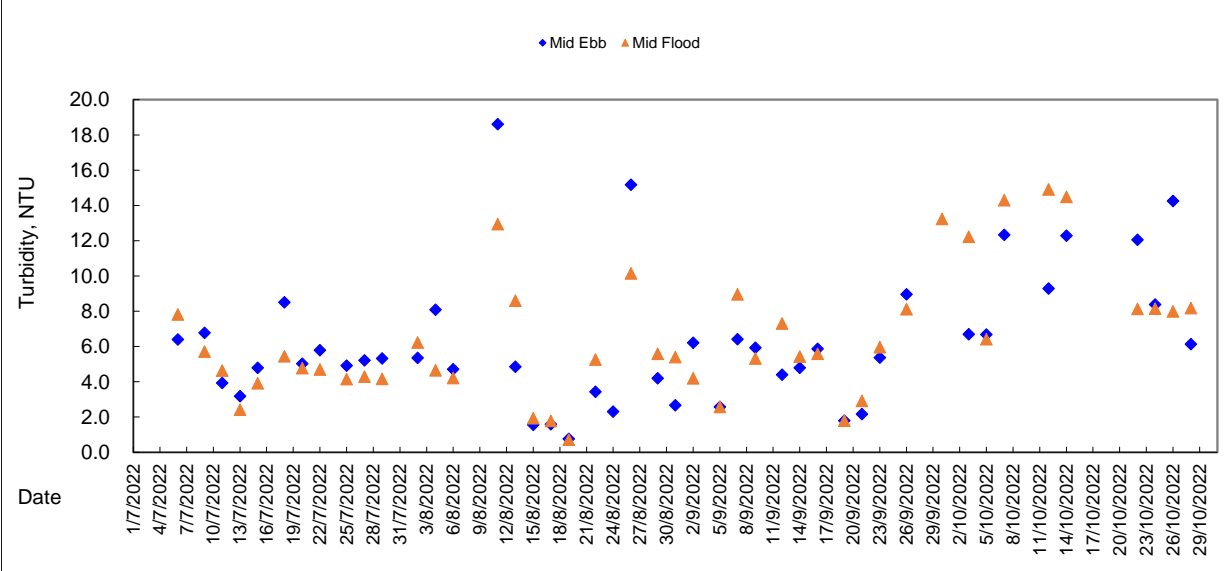


Graphic Presentation of WQM Result

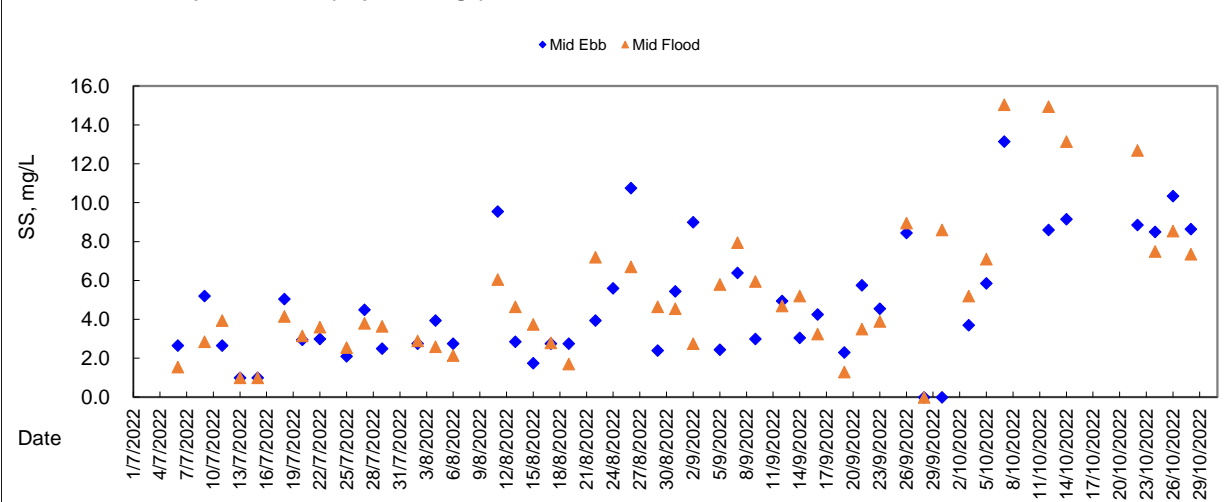
Station SR15 - DO



Station SR15 - Turbidity (Depth-average)



Station SR15 - Suspended Solid (Depth-average)





Impact Water Quality Monitoring at Station SR4 (surface) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						Sampling was cancelled due to adverse weather															
SR4	2/8/2022	Sunny	9:14	3.7	1.0	29.34	29.38	9.23	9.23	25.84	26.09	121.40	120.68	8.05	7.99	6.45	5.74	2.6	2.7		
			9:15	3.7	1.0	29.42														9.22	26.34
	4/8/2022	Rainy	10:26	3.7	1.0	28.06	28.06	9.70	9.70	25.60	25.64	121.90	112.95	8.26	7.66	6.20	5.42	2.9	2.8		
			10:27	3.7	1.0	28.05														9.69	25.68
	6/8/2022	Cloudy	9:12	3.3	1.0	28.19	28.21	9.49	9.38	25.70	25.37	93.80	92.95	6.34	6.29	4.08	4.07	2.4	2.5		
			9:13	3.3	1.0	28.22														9.27	25.04
	9/8/2022	T3	Sampling was cancelled due to adverse weather																		
	11/8/2022	Rainy	9:45	2.8	1.0	27.00	27.00	8.33	8.27	29.25	29.27	84.20	81.70	5.52	5.35	17.77	17.80	13.6	13.8		
			9:46	2.8	1.0	27.00														8.21	29.28
	13/8/2022	Sunny	9:35	4.0	1.0	27.40	27.35	8.03	8.04	30.08	30.03	86.60	87.20	6.05	6.03	3.58	3.42	5.7	5.5		
			9:36	4.0	1.0	27.30														8.04	29.98
	15/8/2022	Sunny	12:45	4.2	1.0	29.40	29.50	8.15	8.16	28.60	28.63	95.30	94.50	6.37	6.30	1.72	1.70	1.6	1.5		
			12:46	4.2	1.0	29.60														8.16	28.66
	17/8/2022	Cloudy	12:55	3.7	1.0	29.50	29.50	8.46	8.47	28.89	28.89	111.20	112.40	7.30	7.38	1.72	1.67	4.6	4.8		
			12:56	3.7	1.0	29.50														8.47	28.89
	19/8/2022	Cloudy	12:54	3.5	1.0	28.60	29.65	8.48	8.48	28.86	28.87	115.10	116.35	7.57	7.57	0.73	0.76	5.0	4.8		
			12:55	3.5	1.0	29.70														8.48	28.87
	22/8/2022	Sunny	9:03	3.4	1.0	29.30	29.30	8.20	8.22	28.61	28.46	109.80	109.20	7.22	7.16	4.85	4.74	4.4	4.2		
			9:04	3.4	1.0	29.30														8.23	28.30
	24/8/2022	Cloudy	9:00	3.7	1.0	30.50	30.50	8.28	8.28	28.15	28.27	111.10	111.05	7.23	7.22	3.29	3.27	4.8	4.7		
			9:01	3.7	1.0	30.50														8.28	28.38
	26/8/2022	Cloudy	9:05	3.8	1.0	28.00	28.06	7.91	7.92	30.33	30.32	87.70	87.20	6.08	6.08	17.59	17.59	12.8	12.6		
			9:06	3.8	1.0	28.10														7.92	30.31
	29/8/2022	Sunny	9:48	3.6	1.0	29.30	29.30	8.17	8.19	29.69	29.70	103.80	103.20	6.91	6.84	4.42	4.40	3.1	3.3		
			9:49	3.6	1.0	29.30														8.20	29.71
	29/8/2022	Sunny	12:52	0.0	1.0	30.00	30.05	8.29	8.32	29.75	29.74	113.70	112.85	7.34	7.29	2.60	2.64	-	-		
			12:53	0.0	1.0	30.10														8.35	29.72

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR4 (surface) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG		
						Sampling was cancelled due to adverse weather															
SR4	2/8/2022	Sunny	12:51	4.0	1.0	29.97	29.94	9.43	9.38	26.04	26.18	116.20	114.35	7.62	7.50	6.84	6.84	3.3	3.5		
			12:52	4.0	1.0	29.91														9.33	26.32
	4/8/2022	Rainy	12:52	3.8	1.0	28.36	28.35	9.83	9.85	25.47	25.59	113.70	111.50	7.68	7.53	5.42	5.01	2.8	2.7		
			12:53	3.8	1.0	28.33														9.86	25.70
	6/8/2022	Cloudy	12:51	3.4	1.0	28.23	28.24	9.18	9.15	23.91	23.98	89.00	101.10	6.07	6.90	4.29	4.23	2.2	2.2		
			12:52	3.4	1.0	28.24														9.12	24.05
	9/8/2022	T3	Sampling was cancelled due to adverse weather																		
	11/8/2022	Rainy	12:52	3.6	1.0	27.10	27.05	8.25	8.26	29.40	29.35	77.60	78.05	5.28	5.32	12.77	12.74	7.9	7.8		
			12:53	3.6	1.0	27.00														8.26	29.29
	13/8/2022	Sunny	12:46	3.8	1.0	28.20	28.15	8.15	8.15	29.95	29.96	88.10	89.25	6.00	6.08	7.71	7.90	5.2	5.0		
			12:47	3.8	1.0	28.10														8.15	29.96
	15/8/2022	Sunny	9:03	3.9	1.0	28.50	28.50	7.95	7.96	28.86	28.88	91.10	91.55	6.17	6.15	1.63	1.64	2.5	2.7		
			9:04	3.9	1.0	28.50														7.96	28.89
	17/8/2022	Cloudy	9:07	3.4	1.0	28.60	28.65	8.14	8.15	28.93	28.91	102.30	104.25	6.90	7.00	1.50	1.57	1.6	1.7		
			9:08	3.4	1.0	28.70														8.15	28.89
	19/8/2022	Cloudy	9:14	3.3	1.0	29.60	29.55	8.34	8.33	29.00	29.05	115.10	113.35	7.62	7.48	1.93	1.44	1.9	1.8		
			9:15	3.3	1.0	29.50														8.31	29.09
	22/8/2022	Sunny	12:53	3.2	1.0	30.60	30.60	8.44	8.45	28.20	28.20	113.90	112.50	7.37	7.29	4.73	4.79	5.5	5.7		
			12:54	3.2	1.0	30.60														8.45	28.20
	24/8/2022	T3	Sampling was cancelled due to adverse weather																		
	26/8/2022	Cloudy	12:55	3.6	1.0	28.50	28.55	8.06	8.08	30.17	30.17	99.20	96.75	6.72	6.52	10.62	10.61	5.3	5.5		
			12:56	3.6	1.0	28.60														8.09	30.17
	29/8/2022	Sunny	8:58	3.6	1.0	28.70	28.70	7.83	7.84	29.84	29.84	98.40	99.75	6.75	6.85	5.81	5.81	5.6	5.4		
			9:00	3.6	1.0	28.70														7.85	29.83

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR4 (Bottom) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						Sampling was cancelled due to adverse weather															
SR4	2/8/2022	Sunny	9:16	3.7	2.7	29.44	29.47	9.23	9.25	26.38	26.37	101.70	100.35	6.71	6.62	4.55	4.66	2.4	2.3		
			9:17	3.7	2.7	29.50	29.47	9.27	9.25	26.35	26.37	99.00	100.35	6.53	6.62	4.76	4.66	2.1	2.3		
	4/8/2022	Rainy	10:28	3.7	2.7	27.99	27.96	9.71	9.70	25.67	25.73	119.50	111.20	8.11	7.55	7.26	7.08	4.1	4.0		
			10:29	3.7	2.7	27.92	27.96	9.69	9.70	25.79	25.73	102.90	111.20	6.98	7.55	6.80	7.08	3.8	4.0		
	6/8/2022	Cloudy	9:14	3.3	2.3	28.24	28.24	9.59	9.49	25.67	25.76	109.90	100.30	7.43	6.78	5.81	5.41	2.9	3.0		
			9:15	3.3	2.3	28.23	28.24	9.39	9.49	25.84	25.76	90.70	100.30	6.13	6.78	5.00	5.41	3.1	3.0		
	9/8/2022	T3	Sampling was cancelled due to adverse weather																		
	11/8/2022	Rainy	9:46	2.8	1.8	26.80	26.80	8.23	8.24	29.26	29.27	76.50	74.80	5.11	5.00	16.05	16.07	9.6	9.8		
			9:47	2.8	1.8	26.80	26.80	8.24	8.24	29.28	29.27	73.10	74.80	4.88	5.00	16.08	16.07	10.0	9.8		
	13/8/2022	Sunny	9:38	4.0	3.0	27.40	27.45	8.05	8.06	30.20	30.17	84.00	84.95	5.94	7.96	5.52	5.24	2.8	3.0		
			9:39	4.0	3.0	27.50	27.45	8.07	8.06	30.13	30.17	85.90	84.95	9.97	7.96	4.95	5.24	3.2	3.0		
	15/8/2022	Sunny	12:48	3.7	3.2	28.60	28.60	8.17	8.18	29.24	29.23	94.50	94.75	6.29	6.32	2.20	2.30	<1.0	1.0		
			12:49	4.2	3.2	28.60	28.60	8.19	8.18	29.21	29.23	95.00	94.75	6.35	6.32	2.40	2.30	<1.0	1.0		
	17/8/2022	Cloudy	12:57	3.7	2.7	29.50	29.45	8.48	8.48	28.86	28.88	115.70	115.30	7.55	7.50	1.35	1.42	3.8	3.9		
			12:58	3.7	2.7	29.40	29.45	8.49	8.48	28.90	28.88	114.90	115.30	7.49	7.50	1.49	1.42	3.5	3.9		
	19/8/2022	Cloudy	12:56	3.5	2.5	29.30	29.25	8.47	8.47	29.09	29.09	115.10	116.35	7.55	7.49	1.49	1.56	3.8	3.9		
			12:57	3.5	2.5	29.20	29.25	8.46	8.47	29.09	29.09	117.60	116.35	7.42	7.49	1.63	1.56	3.9	3.9		
	22/8/2022	Sunny	9:05	3.4	2.4	29.30	29.30	8.23	8.23	28.32	28.37	109.60	110.40	7.41	7.48	6.03	6.02	5.8	5.6		
			9:06	3.4	2.4	29.30	29.30	8.23	8.23	28.41	28.37	111.20	110.40	7.55	7.48	6.01	6.02	5.4	5.6		
	24/8/2022	Cloudy	9:02	3.7	2.7	30.90	30.90	8.32	8.34	27.42	27.41	110.30	110.90	7.20	7.26	2.73	2.73	2.6	2.8		
			9:03	3.7	2.7	30.90	30.90	8.35	8.34	27.40	27.41	111.50	110.90	7.31	7.26	2.73	2.73	2.9	2.8		
	26/8/2022	Cloudy	9:07	3.8	2.8	28.20	28.20	7.94	7.95	30.06	30.09	88.60	89.55	6.06	6.12	16.41	16.39	15.0	14.7		
			9:08	3.8	2.8	28.20	28.20	7.95	7.95	30.12	30.09	90.50	89.55	6.17	6.12	16.36	16.39	14.4	14.7		
	29/8/2022	Sunny	9:50	3.6	2.6	29.00	29.00	8.17	8.17	29.88	29.88	100.50	100.00	6.68	6.72	4.61	4.52	4.5	4.4		
			9:51	3.6	2.6	29.00	29.00	8.16	8.17	29.88	29.88	99.50	100.00	6.75	6.72	4.42	4.52	4.3	4.4		
	29/8/2022	Sunny	12:54	0.0	2.6	29.90	29.85	8.33	8.34	29.83	29.84	111.50	110.75	7.28	7.24	3.80	3.58	-	-		
			12:55	0.0	2.6	29.80	29.85	8.34	8.34	29.85	29.84	110.00	110.75	7.19	7.24	3.36	3.58	-	-		

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR4 (Bottom) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						Sampling was cancelled due to adverse weather															
SR4	2/8/2022	Sunny	12:54	4.0	3.0	29.82	29.83	9.42	9.36	26.35	26.36	112.60	109.95	7.39	7.21	6.92	6.52	2.8	3.0		
			12:55	4.0	3.0	29.83	29.83	9.29	9.36	26.36	26.36	107.30	109.95	7.03	7.21	6.11	6.52	3.1	3.0		
	4/8/2022	Rainy	12:54	3.8	2.8	28.36	28.35	9.92	9.86	25.67	25.69	100.80	97.95	6.80	6.61	5.31	4.96	3.4	3.3		
			12:55	3.8	2.8	28.34	28.35	9.79	9.86	25.70	25.69	95.10	97.95	6.42	6.61	4.61	4.96	3.1	3.3		
	6/8/2022	Cloudy	12:53	3.4	2.4	28.37	28.37	9.24	9.19	24.00	24.08	98.80	95.05	6.73	6.47	4.51	4.30	2.6	2.7		
			12:54	3.4	2.4	28.37	28.37	9.14	9.19	24.15	24.08	91.30	95.05	6.21	6.47	4.08	4.30	2.7	2.7		
	9/8/2022	T3	Sampling was cancelled due to adverse weather																		
	11/8/2022	Rainy	12:54	3.6	2.6	28.80	28.80	8.27	8.27	28.77	29.55	75.10	76.45	8.18	6.77	15.59	15.60	10.9	10.7		
			12:55	3.6	2.6	28.80	28.80	8.27	8.27	29.32	29.55	77.80	76.45	5.36	6.77	15.60	15.60	10.5	10.7		
	13/8/2022	Sunny	12:48	3.8	2.8	27.60	27.55	8.16	8.17	30.17	30.19	86.10	87.80	6.07	6.09	5.69	5.33	3.3	3.2		
			12:49	3.8	2.8	27.50	27.55	8.17	8.17	30.20	30.19	89.50	87.80	6.11	6.09	4.96	5.33	3.0	3.2		
	15/8/2022	Sunny	9:05	3.9	2.9	28.70	28.75	7.98	7.99	29.02	28.99	88.50	90.50	6.11	6.17	1.75	1.75	2.2	2.2		
			9:06	3.9	2.9	28.80	28.75	7.99	7.99	29.02	28.99	92.50	90.50	6.22	6.17	1.75	1.75	2.1	2.2		
	17/8/2022	Cloudy	9:09	3.4	2.4	28.60	28.49	8.16	8.17	28.98	28.97	105.10	105.15	7.18	7.14	1.64	1.57	2.9	2.8		
			9:10	3.4	2.4	28.37	28.49	8.17	8.17	28.96	28.97	105.20	105.15	7.09	7.14	1.49	1.57	2.6	2.8		
	19/8/2022	Cloudy	9:16	3.3	2.3	29.50	29.45	8.32	8.32	29.08	29.09	116.50	117.90	7.68	7.76	1.05	1.06	2.8	2.7		
			9:17	3.3	2.3	29.40	29.45	8.32	8.32	29.09	29.09	119.30	117.90	7.84	7.76	1.07	1.06	2.6	2.7		
	22/8/2022	Sunny	12:55	3.2	2.2	30.00	30.00	8.41	8.41	28.62	28.56	113.40	112.30	7.41	7.32	6.30	6.30	15.0	14.8		
			12:56	3.2	2.2	30.00	30.00	8.41	8.41	28.50	28.56	111.20	112.30	7.22	7.32	6.29	6.30	14.6	14.8		
	24/8/2022	T3	Sampling was cancelled due to adverse weather																		
	26/8/2022	Cloudy	12:57	3.6	2.6	28.14	28.17	8.09	8.09	30.20	30.23	95.00	91.85	6.42	6.32	15.59	15.59	9.6	9.7		
			12:58	3.6	2.6	28.20	28.17	8.09	8.09	30.26	30.23	88.70	91.85	6.21	6.32	15.58	15.59	9.7	9.7		
	29/8/2022	Sunny	9:01	3.6	2.6	28.70	28.70	7.97	7.97	29.90	29.89	98.00	96.45	6.72	6.66	5.22	5.22	4.0	3.9		
			9:02	3.6	2.6	28.70	28.70	7.88	7.88	29.87	29.89	94.90	96.45	6.59	6.66	5.21	5.22	3.8	3.9		

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR5 (surface) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						2/8/2022	Sunny	9:26	4.6	1.0	29.60	29.64	9.30	9.24	26.39	26.45	117.90	117.35	7.76	7.72	5.56
		9:27	4.6	1.0	29.68		9.17		26.50		116.80		7.67		4.97		1.6				
4/8/2022	Rainy	10:35	4.1	1.0	28.05	28.07	9.66	9.67	25.68	25.81	99.30	99.30	6.73	6.73	6.18	5.64	2.4	2.3			
		10:36	4.1	1.0	28.09		9.67		25.93		99.30		6.72		5.10		2.1				
6/8/2022	Cloudy	9:26	3.9	1.0	28.54	28.62	9.26	9.33	24.37	25.50	115.70	108.45	7.53	7.33	4.78	4.50	1.1	1.2			
		9:27	3.9	1.0	28.70		9.39		26.62		101.20		6.83		4.22		1.2				
9/8/2022	T3																				
11/8/2022	Rainy	9:57	4.8	1.0	26.80	26.75	8.23	8.23	29.28	29.28	69.00	76.65	5.49	5.52	17.88	17.75	7.5	7.7			
		9:58	4.8	1.0	26.70		8.23		29.28		84.30		5.54		17.62		7.9				
13/8/2022	Sunny	9:48	5.2	1.0	27.40	27.40	8.04	8.06	30.09	30.10	83.10	85.10	5.94	6.01	5.08	5.10	4.6	4.8			
		9:49	5.2	1.0	27.40		8.07		30.11		87.10		6.07		5.11		5.0				
15/8/2022	Sunny	12:36	4.7	1.0	28.90	28.95	8.15	8.16	29.31	29.30	93.90	93.70	6.29	6.31	2.29	2.21	1.3	1.2			
		12:37	5.0	1.0	29.00		8.16		29.28		93.50		6.32		2.13		1.1				
17/8/2022	Cloudy	12:46	4.7	1.0	29.60	29.65	8.42	8.42	28.78	28.78	110.00	111.60	7.25	7.32	2.19	2.12	4.1	4.0			
		12:47	4.7	1.0	29.70		8.42		28.78		113.20		7.39		2.05		3.8				
		12:44	4.5	1.0	29.70	29.75	8.48	8.48	28.75	28.81	114.60	113.95	7.58	7.50	0.49	0.49	4.1	4.0			
19/8/2022	Cloudy	12:45	4.5	1.0	29.80		8.48		28.87		113.30		7.43		0.49		3.8				
		9:17	4.0	1.0	29.70	29.70	8.20	8.23	28.85	28.91	106.60	107.45	7.09	7.14	6.99	7.00	6.7	6.5			
		9:18	4.0	1.0	29.70		8.26		28.96		108.30		7.19		7.00		6.3				
24/8/2022	Cloudy	9:16	4.6	1.0	30.70	30.70	8.33	8.35	28.17	27.68	121.60	121.25	8.03	7.96	1.75	1.82	1.4	1.4			
		9:17	4.6	1.0	30.70		8.37		27.19		120.90		7.88		1.89		1.3				
26/8/2022	Cloudy	9:24	4.8	1.0	27.90	27.90	7.95	7.95	30.23	30.23	94.80	94.45	6.55	6.52	16.50	16.48	17.2	17.5			
		9:25	4.8	1.0	27.90		7.95		30.23		94.10		6.49		16.45		17.7				
29/8/2022	Sunny	12:53	4.8	1.0	29.00	29.05	8.10	8.11	29.85	29.85	96.30	99.15	6.50	6.66	4.61	4.60	3.2	3.1			
		12:54	4.8	1.0	29.10		8.11		29.84		102.00		6.81		4.59		3.0				
29/8/2022	Sunny	12:41	0.0	1.0	29.80	29.85	8.31	8.32	29.75	29.74	111.80	112.05	7.25	7.27	3.17	3.24	-	-			
		12:42	0.0	1.0	29.90		8.33		29.72		112.30		7.28		3.30		-				

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR5 (surface) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L	
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						2/8/2022	Sunny	12:43	4.9	1.0	30.36	30.36	9.33	9.32	25.76	25.92	112.70	107.95	7.35
		12:44	4.9	1.0	30.36		9.30		26.07		103.20		6.72		5.78		2.5		
		12:42	4.7	1.0	28.30	28.29	9.90	9.91	25.64	25.87	96.70	104.85	6.53	7.07	6.10	5.77	3.0	2.9	
4/8/2022	Rainy	12:43	4.7	1.0	28.28		9.92		26.10		113.00		7.61		5.43		2.8		
		12:40	4.2	1.0	28.24	28.21	9.11	9.11	23.13	23.19	90.40	91.50	6.19	6.28	5.26	4.62	2.5	2.6	
		12:41	4.2	1.0	28.18		9.10		23.25		92.60		6.36		3.97		2.7		
9/8/2022	T3																		
11/8/2022	Rainy	12:41	4.5	1.0	27.10	27.15	8.21	8.23	29.31	29.28	79.90	79.50	5.48	5.44	13.45	13.34	8.0	7.8	
		12:42	4.5	1.0	27.20		8.24		29.25		79.10		5.40		13.23		7.6		
13/8/2022	Sunny	12:36	5.0	1.0	28.20	28.25	8.11	8.12	29.93	29.92	88.80	89.70	6.09	6.11	6.96	7.09	3.6	3.5	
		12:37	5.0	1.0	28.30		8.12		29.91		90.60		6.12		7.22		3.4		
15/8/2022	Sunny	9:17	4.8	1.0	29.00	29.00	7.97	7.99	29.00	29.01	93.00	93.75	6.29	6.33	2.61	2.62	2.6	2.8	
		9:18	4.8	1.0	29.00		8.00		29.02		94.50		6.36		2.62		3.0		
17/8/2022	Cloudy	9:20	3.9	1.0	29.20	29.25	8.19	8.21	28.91	28.80	108.20	109.15	7.17	7.22	2.15	2.14	4.6	4.8	
		9:21	3.9	1.0	29.30		8.22		28.69		110.10		7.26		2.12		4.9		
19/8/2022	Cloudy	9:26	3.7	1.0	29.70	29.70	8.34	8.35	28.46	28.37	112.50	111.20	7.42	7.35	0.93	0.94	1.9	1.9	
		9:27	3.7	1.0	29.70		8.36		28.28		109.90		7.28		0.94		1.8		
22/8/2022	Sunny	23:45	3.7	1.0	30.40	30.40	8.36	8.37	28.12	28.13	107.00	108.40	7.24	7.25	4.48	4.49	5.8	5.6	
		23:46	3.7	1.0	30.40		8.38		28.13		109.80		7.25		4.50		5.4		
24/8/2022	T3																		
26/8/2022	Cloudy	12:44	4.6	1.0	28.70	28.70	8.09	8.10	30.23	30.24	91.70	92.95	6.31	6.36	13.25	13.25	8.6	8.5	
		12:45	4.6	1.0	28.70		8.10		30.25		94.20		6.41		13.25		8.3		
29/8/2022	Sunny	9:12	4.8	1.0	29.90	29.45	7.94	7.95	29.50	29.52	99.00	100.50	6.90	6.90	4.88	4.81	3.9	4.0	
		9:13	4.8	1.0	29.00		7.96		29.54		102.00		6.90		4.73		4.0		

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR5 (Bottom) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						Sampling was cancelled due to adverse weather															
SR5	2/8/2022	Sunny	9:29	4.6	3.6	29.67	29.69	9.19	9.20	26.52	26.62	104.60	103.40	6.87	6.79	5.11	4.79	2.7	2.6		
			9:30	4.6	3.6	29.70		9.21		26.71		102.20		6.70		4.47		2.5			
	4/8/2022	Rainy	10:38	4.1	3.1	28.13	28.10	9.77	9.76	25.77	25.83	117.40	108.45	7.96	7.35	4.47	4.55	3.4	3.7		
			10:39	4.1	3.1	28.06		9.75		25.89		99.50		6.74		4.62		3.9			
	6/8/2022	Cloudy	9:28	3.9	2.9	28.70	28.73	9.48	9.39	24.48	24.56	97.00	98.30	6.55	6.64	5.05	4.66	3.0	2.8		
			9:29	3.9	2.9	28.75		9.29		24.64		99.60		6.72		4.26		2.5			
	9/8/2022	T3	Sampling was cancelled due to adverse weather																		
	11/8/2022	Rainy	10:00	4.8	3.8	26.70	26.70	8.24	8.24	29.31	29.29	75.40	77.30	5.01	5.15	16.51	16.51	9.8	10.0		
			10:01	4.8	3.8	26.70		8.24		29.27		79.20		5.29		16.51		10.2			
	13/8/2022	Sunny	9:52	5.2	4.2	27.40	27.40	8.09	8.10	30.19	30.20	85.30	83.40	6.12	5.96	5.84	5.82	6.4	6.3		
			9:53	5.2	4.0	27.40		8.10		30.20		81.50		5.79		5.80		6.1			
	15/8/2022	Sunny	12:40	4.7	4.0	28.90	28.90	8.16	8.16	29.34	29.34	93.50	93.50	6.28	6.32	2.24	2.28	1.7	1.7		
			12:41	5.0	4.0	28.90		8.16		29.34		93.50		6.36		2.32		1.6			
	17/8/2022	Cloudy	12:49	4.7	3.7	29.50	29.50	8.42	8.42	28.85	28.87	114.10	114.40	7.48	7.50	1.66	1.65	5.4	5.2		
			12:50	4.7	3.7	29.50		8.42		28.89		114.70		7.52		1.64		5.0			
	19/8/2022	Cloudy	12:47	4.5	3.5	29.80	29.80	8.47	8.47	28.80	28.80	107.20	109.00	7.03	7.13	0.81	0.87	5.4	5.2		
			12:48	4.5	3.5	29.80		8.47		28.80		110.80		7.22		0.93		5.0			
	22/8/2022	Sunny	9:20	4.0	3.0	29.50	29.55	8.26	8.26	29.04	29.06	110.80	110.35	7.27	7.25	12.33	12.33	13.0	13.3		
			9:21	4.0	3.0	29.60		8.26		29.04		109.90		7.23		12.33		13.5			
	24/8/2022	Cloudy	9:19	4.6	3.6	30.80	30.80	8.38	8.39	27.45	27.34	113.50	111.10	7.57	7.34	2.48	2.36	1.6	1.5		
			9:20	4.6	3.6	30.80		8.39		27.23		108.70		7.11		2.24		1.4			
	26/8/2022	Cloudy	9:27	4.8	3.8	27.90	27.90	7.9+8	7.99	30.26	30.26	91.40	90.75	6.32	6.28	17.55	17.57	20.8	20.6		
			9:28	4.8	3.8	27.90		7.99		30.26		90.10		6.24		17.58		20.4			
	29/8/2022	Sunny	12:56	4.8	3.8	28.90	28.95	8.11	8.11	29.93	29.89	94.70	95.70	6.41	6.46	5.33	5.33	4.6	4.5		
			12:57	4.8	3.8	29.00		8.11		29.85		96.70		6.51		5.32		4.3			
	29/8/2022	Sunny	12:41	0.0	0.8	29.50	29.50	8.27	8.26	30.05	30.05	103.40	102.55	6.88	6.82	4.85	4.87	-	-		
			12:42	0.0	0.8	29.50		8.24		30.04		101.70		6.76		4.89		-			

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR5 (Bottom) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG		
						Sampling was cancelled due to adverse weather															
SR5	2/8/2022	Sunny	12:46	4.9	3.9	30.19	30.16	9.43	9.39	26.43	26.45	115.10	111.60	7.50	7.28	6.70	5.97	4.0	3.9		
			12:47	4.9	3.9	30.12		9.34		26.48		108.10		7.05		5.23		3.7			
	4/8/2022	Rainy	12:45	4.7	3.7	28.33	28.32	9.94	9.92	25.84	25.86	100.40	100.10	6.77	6.75	5.25	5.07	3.6	3.8		
			12:46	4.7	3.7	28.30		9.90		25.88		99.80		6.73		4.89		4.0			
	6/8/2022	Cloudy	12:43	4.2	3.2	28.08	28.08	9.25	9.17	23.57	23.71	95.00	102.30	6.52	7.01	3.96	3.84	1.8	1.8		
			12:44	4.2	3.2	28.07		9.08		23.84		109.60		7.50		3.71		1.7			
	9/8/2022	T3	Sampling was cancelled due to adverse weather																		
	11/8/2022	Rainy	12:44	4.5	3.5	27.00	27.00	8.27	8.27	28.30	29.35	79.40	78.40	5.43	5.36	15.58	15.58	13.7	13.5		
			12:45	4.5	3.5	27.00		8.27		29.39		77.40		5.28		15.58		13.2			
	13/8/2022	Sunny	12:40	5.0	4.0	28.20	28.25	8.13	8.13	29.93	29.92	88.90	88.30	6.15	6.06	7.60	7.44	9.2	9.0		
			12:41	5.0	4.0	28.20		8.13		29.90		87.70		5.96		7.28		8.8			
	15/8/2022	Sunny	9:20	4.8	3.8	28.60	28.60	8.02	8.03	29.17	29.16	93.40	92.50	6.29	6.26	2.25	2.22	5.4	5.3		
			9:21	4.8	3.8	28.60		8.03		29.14		91.60		6.22		2.19		5.2			
	17/8/2022	Cloudy	9:22	3.9	2.9	29.30	29.40	8.24	8.25	28.71	28.69	108.10	109.15	7.13	7.19	3.60	3.59	8.9	9.1		
			9:23	3.9	2.9	29.50		8.25		28.66		110.20		7.25		3.58		9.3			
	19/8/2022	Cloudy	9:28	3.7	2.7	29.70	29.65	8.36	8.37	28.82	28.85	114.90	111.10	7.52	7.29	0.62	0.68	2.4	2.6		
			9:29	3.7	2.7	29.60		8.38		28.88		107.30		7.06		0.74		2.7			
	22/8/2022	Sunny	23:47	3.7	2.7	30.10	30.05	8.42	8.43	28.34	28.34	112.30	113.75	7.35	7.44	4.73	4.67	4.0	4.2		
			23:48	3.7	2.7	30.00		8.44		28.33		115.20		7.53		4.61		4.4			
	24/8/2022	T3	Sampling was cancelled due to adverse weather																		
	26/8/2022	Cloudy	12:47	4.6	3.6	28.80	28.80	8.10	8.10	30.25	30.25	97.40	97.75	6.53	6.60	13.25	13.25	10.0	10.7		
			12:48	4.6	3.6	28.80		8.10		30.26		98.10		6.67		13.25		10.4			
	29/8/2022	Sunny	9:15	4.8	3.8	28.80	28.80	7.97	7.98	29.69	29.71	99.40	98.35	6.69	6.72	5.08	4.85	3.3	3.1		
			9:16	4.8	3.8	28.80		7.98		29.72		97.30		6.75		4.61		2.9			

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR6 (Middle) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						-															
SR6	2/8/2022	Sunny	9:35	2.9	1.5	30.10															
			9:36	2.9	1.5	30.12	30.11	9.28	9.29	25.21	25.45	115.00	109.25	7.62	7.67	5.06	4.85	3.9	3.7		
	4/8/2022	Rainy	10:46	2.6	1.3	27.89	27.85	9.29	9.75	25.68	25.94	102.50	98.90	7.72	6.81	4.64	5.13	3.5	2.3		
			10:47	2.6	1.3	27.80		9.76		25.86		98.90		6.72		5.37		2.1			
	6/8/2022	Cloudy	9:36	2.6	1.3	28.85	28.85	9.38	9.32	24.22	24.39	99.80	95.05	6.73	6.41	4.82	4.65	1.5	1.7		
			9:37	2.6	1.3	28.85		9.25		24.56		90.30		6.08		4.48		1.8			
	9/8/2022	T3	Sampling was cancelled due to adverse weather																		
	11/8/2022	Rainy	10:08	2.8	1.4	26.80	26.75	8.23	8.23	29.24	29.25	82.30	80.55	5.45	5.36	17.59	17.60	7.4	7.2		
			10:09	2.8	1.4	26.70		8.23		29.26		78.80		5.26		17.61		7.0			
	13/8/2022	Sunny	11:02	2.8	1.4	28.00	28.05	8.11	8.11	30.09	30.14	87.60	85.20	6.06	5.96	4.73	4.67	3.8	3.7		
			11:03	2.8	1.5	28.10		8.11		30.18		82.80		5.86		4.61		3.5			
	15/8/2022	Sunny	12:28	2.8	1.5	29.20	29.20	8.15	8.14	28.55	28.57	94.60	93.70	6.28	6.23	1.63	1.49	1.2	1.3		
			12:29	2.9	1.5	29.20		8.13		28.58		92.80		6.18		1.35		1.4			
	17/8/2022	Cloudy	12:34	2.8	1.4	29.20	29.20	8.45	8.45	28.69	28.67	113.80	115.20	7.49	7.59	1.63	1.69	2.8	2.8		
			12:35	2.8	1.4	29.20		8.45		28.65		116.60		7.49		1.75		2.8			
	19/8/2022	Cloudy	12:36	2.7	1.4	29.10	29.10	8.47	8.47	28.88	28.86	111.00	110.40	7.94	7.32	1.00	0.99	2.8	2.8		
			12:37	2.7	1.4	29.10		8.46		28.85		109.20		7.29		0.98		2.8			
	22/8/2022	Sunny	10:01	2.6	1.3	29.80	29.85	8.26	8.27	29.08	29.06	109.30	108.30	7.13	7.09	7.85	7.84	5.9	5.7		
			10:02	2.6	1.3	29.90		8.27		29.04		107.30		7.04		7.82		5.5			
	24/8/2022	Cloudy	9:27	2.7	1.4	30.90	30.95	8.39	8.40	27.21	27.20	118.60	118.55	7.75	7.78	2.05	2.05	1.4	1.3		
			9:28	2.7	1.4	31.00		8.40		27.19		118.50		7.80		2.04		1.2			
	26/8/2022	Cloudy	9:37	2.7	1.4	28.60	28.65	7.99	8.00	30.22	30.25	91.00	89.25	6.13	6.11	14.50	14.50	15.1	14.9		
			9:38	2.7	1.4	28.70		8.00		30.27		87.50		6.08		14.50		14.6			
	29/8/2022	Sunny	12:42	2.8	1.4	29.50	29.50	8.12	8.13	29.68	29.69	98.00	100.05	6.58	6.76	3.44	3.43	5.6	5.7		
			12:43	2.8	1.4	29.50		8.13		29.69		102.10		6.94		3.42		5.8			
	29/8/2022	Sunny	12:34	0.0	13.5	30.30	30.30	8.33	8.33	29.63	29.64	110.50	110.05	7.14	7.11	2.61	2.67	-	-		
			12:35	0.0	13.5	30.30		8.33		29.65		109.60		7.08		2.73		-			

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR6 (Middle) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG		
						-															
SR6	2/8/2022	Sunny	12:34	2.7	1.4	30.16	30.15	9.40	9.37	26.48	26.59	116.60	114.55	7.60	7.47	6.10	5.40	2.6	2.8		
			12:35	2.7	1.4	30.14		9.33		26.69		112.50		7.33		4.69		3.0			
	4/8/2022	Rainy	12:33	2.7	1.4	28.35	28.32	9.88	9.90	25.80	25.79	99.70	106.65	6.72	7.19	5.17	5.06	2.2	2.3		
			12:34	2.7	1.4	28.29		9.91		25.77		113.60		7.66		4.94		2.4			
	6/8/2022	Cloudy	12:35	2.7	1.4	28.58	28.58	9.25	9.21	22.83	22.97	94.70	103.15	6.47	7.04	4.38	4.21	2.2	2.3		
			12:36	2.7	1.4	28.57		9.16		23.10		111.60		7.61		4.03		2.4			
	9/8/2022	T3	Sampling was cancelled due to adverse weather																		
	11/8/2022	Rainy	12:36	2.7	1.4	26.90	26.90	8.27	8.28	28.76	28.54	76.90	79.10	5.32	5.50	16.48	15.69	8.1	8.0		
			12:37	2.7	1.4	26.90		8.28		28.32		81.30		5.67		14.90		7.5			
	13/8/2022	Sunny	12:29	2.7	1.4	27.50	27.90	8.15	8.15	29.99	29.98	87.00	87.05	6.09	6.12	4.28	4.16	2.3	2.5		
			12:30	2.7	1.4	28.30		8.15		29.97		87.10		6.15		4.03		2.6			
	15/8/2022	Sunny	9:30	2.8	1.4	28.90	28.95	8.04	8.05	29.12	29.11	88.10	88.30	6.08	6.07	2.19	2.20	1.7	1.8		
			9:31	2.8	1.4	29.00		8.05		29.10		88.50		6.06		2.20		1.8			
	17/8/2022	Cloudy	9:32	2.5	1.3	29.60	29.70	8.25	8.26	28.74	28.73	108.60	108.35	7.13	7.09	1.35	1.36	2.9	3.0		
			9:33	2.5	1.3	29.80		8.26		28.71		108.10		7.05		1.37		3.0			
	19/8/2022	Cloudy	9:39	2.5	1.3	29.60	29.60	8.40	8.40	28.86	28.86	111.20	110.90	7.49	7.41	0.63	0.63	1.2	1.4		
			9:40	2.5	1.3	29.60		8.40		28.86		110.60		7.33		0.63		1.5			
	22/8/2022	Sunny	12:37	2.5	1.3	30.10	30.15	8.37	8.37	28.51	28.51	115.20	111.70	7.54	7.34	3.74	3.67	3.2	3.1		
			12:38	2.5	1.3	30.20		8.37		28.51		108.20		7.14		3.60		2.9			
	24/8/2022	T3	Sampling was cancelled due to adverse weather																		
	26/8/2022	Cloudy	13:38	2.6	1.3	28.30	28.30	8.10	8.10	30.23	30.24	93.20	92.75	6.30	6.30	12.49	12.39	11.4	11.2		
			13:39	2.6	1.3	28.30		8.09		30.24		92.20		6.29		12.34		11.0			
	29/8/2022	Sunny	9:27	2.7	1.4	28.80	28.80	8.00	8.00	29.63	29.63	101.10	97.70	6.59	6.75	4.42	4.40	3.0	3.2		
			9:28	2.7	1.4	28.80		8.01		29.63		94.30		6.51		4.37		3.3			

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR9 (surface) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						Sampling cancelled due to adverse weather															
SR9	2/8/2022	Sunny	9:48	4.8	1.0	29.60		9.29		26.49		102.40		6.74		5.27		3.8		4.0	
			9:49	4.8	1.0	29.55	29.58	9.29	9.26	26.49	26.63	102.40	100.95	6.74	6.64	4.92	5.10	4.1			
	4/8/2022	Rainy	10:58	4.6	1.0	28.12	28.16	9.78	9.80	25.62	25.74	113.90	108.75	7.71	7.36	5.63	5.60	2.6		2.8	
			10:59	4.6	1.0	28.19		9.82		25.86		103.60		7.00		5.56		2.9			
	6/8/2022	Cloudy	9:49	3.9	1.0	28.45	28.46	9.19	9.17	23.21	23.32	96.30	93.70	6.57	6.39	4.62	4.01	<1.0		1.0	
			9:50	3.9	1.0	28.46		9.14		23.42		91.10		6.21		3.50		<1.0			
	9/8/2022	T3																			
	11/8/2022	Rainy	10:21	4.9	1.0	27.00	27.00	8.18	8.20	29.41	27.46	75.10	75.05	5.14	5.16	18.67	18.68	12.1		12.0	
			10:22	4.9	1.0	27.00		8.21		25.51		75.00		5.18		18.68		11.8			
	13/8/2022	Sunny	10:15	5.4	1.0	27.70	27.65	8.07	8.08	29.96	29.92	90.90	88.25	6.26	6.11	2.94	2.91	1.8		1.8	
			10:16	5.4	1.0	27.60		8.09		29.87		85.60		5.96		2.87		1.7			
	15/8/2022	Sunny	21:21	4.6	1.0	29.40	29.35	8.11	8.12	28.63	28.60	98.70	97.80	6.47	6.49	1.19	1.17	2.4		2.3	
			21:22	5.1	1.0	29.30		8.13		28.56		95.90		6.51		1.14		2.2			
	17/8/2022	Cloudy	12:22	4.6	1.0	29.50	29.50	8.38	8.39	28.65	28.65	113.20	114.85	7.43	7.51	2.20	1.98	3.9		4.0	
			12:23	4.6	1.0	29.50		8.40		28.65		116.50		7.58		1.75		4.1			
	19/8/2022	Cloudy	12:23	4.4	1.0	29.70	29.75	8.41	8.42	28.80	28.82	114.10	113.40	7.45	7.41	0.63	0.70	3.9		4.0	
			12:24	4.4	1.0	29.80		8.43		28.83		112.70		7.37		0.77		4.0			
	22/8/2022	Sunny	9:40	4.2	1.0	29.70	29.70	8.27	8.29	29.09	29.09	113.60	112.25	7.44	7.34	6.01	5.96	6.8		7.0	
			9:41	4.2	1.0	29.70		8.31		29.08		110.90		7.24		5.91		7.2			
	24/8/2022	Cloudy	9:44	4.6	1.0	30.20	30.10	8.35	8.37	28.34	28.34	113.10	116.30	7.97	7.89	2.03	2.10	4.9		4.7	
			9:45	4.6	1.0	30.00		8.39		28.34		119.50		7.80		2.17		4.5			
	26/8/2022	Cloudy	9:50	4.8	1.0	28.10	28.10	7.97	7.98	30.31	30.29	97.30	95.30	6.57	6.43	20.47	20.20	15.7		15.5	
			9:51	4.8	1.0	28.10		7.99		30.26		93.30		6.29		19.93		15.3			
	29/8/2022	Sunny	12:23	4.5	1.0	29.50	29.50	8.09	8.10	29.67	29.68	105.00	102.65	6.99	6.91	3.84	3.80	2.3		2.5	
			12:24	4.5	1.0	29.50		8.10		29.69		100.30		6.82		3.76		2.6			
	29/8/2022	Sunny	12:22	0.0	1.0	30.20	30.15	8.20	8.25	29.22	29.44	111.90	111.45	7.18	7.19	2.48	2.48	-		-	
			12:23	0.0	1.0	30.10		8.29		29.66		111.00		7.20		2.47		-			

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR9 (surface) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L		
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	
						Sampling cancelled due to adverse weather														
SR9	2/8/2022	Sunny	12:21	4.8	1.0	30.66	30.64	9.24	9.26	26.23	26.27	114.10	108.25	7.39	7.01	6.08	5.77	3.8		4.0
			12:22	4.8	1.0	30.61		9.28		26.31		102.40		6.63		5.46		4.2		
	4/8/2022	Rainy	12:22	4.8	1.0	28.29	28.33	9.84	9.88	25.70	25.92	101.30	98.20	6.84	6.62	6.50	5.81	2.1		2.3
			12:23	4.8	1.0	28.36		9.92		26.14		95.10		6.40		5.11		2.4		
	6/8/2022	Cloudy	12:22	4.0	1.0	28.66	28.65	9.19	9.28	23.08	23.08	93.40	103.15	6.36	7.03	4.75	4.41	2.1		2.2
			12:23	4.0	1.0	28.63		9.36		23.08		112.90		7.69		4.06		2.3		
	9/8/2022	T3																		
	11/8/2022	Rainy	12:23	4.6	1.0	27.00	27.00	8.27	8.27	29.05	28.33	79.80	79.15	5.53	5.46	13.70	13.48	9.5		9.3
			12:24	4.6	1.0	27.00		8.27		27.60		78.50		5.39		13.25		9.0		
	13/8/2022	Sunny	12:20	5.1	1.0	27.60	27.60	8.10	8.11	30.05	30.01	92.70	89.70	6.27	6.14	3.81	3.86	2.4		2.6
			12:21	5.1	1.0	27.60		8.12		29.97		86.70		6.01		3.91		2.8		
	15/8/2022	Sunny	9:40	4.9	1.0	28.70	28.70	8.05	8.06	29.23	29.23	91.20	90.05	6.17	6.10	1.80	1.72	1.2		1.1
			9:41	4.9	1.0	28.70		8.07		29.23		88.90		6.02		1.63		1.0		
	17/8/2022	Cloudy	9:44	4.3	1.0	29.40	29.40	8.26	8.26	28.69	28.68	105.40	106.40	6.98	7.04	1.75	1.72	3.6		3.8
			9:45	4.3	1.0	29.40		8.26		28.67		107.40		7.09		1.68		4.0		
	19/8/2022	Cloudy	9:50	4.0	1.0	29.40	29.40	8.37	8.38	28.88	28.88	113.50	112.85	7.47	7.42	0.72	0.74	<1.0		1.0
			9:51	4.0	1.0	29.40		8.39		28.88		112.20		7.37		0.76		<1.0		
	22/8/2022	Sunny	12:24	4.0	1.0	30.40	30.40	8.29	8.31	28.47	28.50	117.50	116.15	7.65	7.57	4.01	3.93	4.2		4.4
			12:25	4.0	1.0	30.40		8.32		28.53		114.80		7.49		3.85		4.6		
	24/8/2022	T3																		
	26/8/2022	Cloudy	12:28	4.7	1.0	28.10	28.10	8.03	8.04	30.23	30.24	96.10	95.15	6.53	6.49	15.58	15.59	11.6		11.4
			12:29	4.7	1.0	28.10		8.05		30.25		94.20		6.45		15.59		11.2		
	29/8/2022	Sunny	9:40	4.6	1.0	29.30	29.30	7.98	8.01	29.56	29.57	104.40	103.60	6.94	6.88	4.61	4.61	3.5		3.4
			9:41	4.6	1.0	29.30		8.03		29.57		102.80		6.81		4.60		3.2		

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR9 (Bottom) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						-															
SR9	2/8/2022	Sunny	9:51	4.8	3.8	29.39	29.40	9.32	9.33	26.67	26.75	116.10	107.60	7.86	7.10	5.05	4.71	1.4	1.5		
			9:52	4.8	3.8	29.40														9.33	26.67
	4/8/2022	Rainy	11:01	4.6	3.6	28.29	28.27	9.84	9.56	25.98	25.96	101.50	99.50	6.84	6.71	5.13	4.98	2.1	2.2		
			11:02	4.6	3.6	28.25														9.27	25.94
	6/8/2022	Cloudy	9:51	3.9	2.9	28.49	28.54	9.30	9.26	23.47	23.47	93.10	93.40	6.35	6.36	4.08	3.93	2.2	2.3		
			9:52	3.9	2.9	28.58														9.22	23.46
	9/8/2022	T3	Sampling was cancelled due to adverse weather																		
	11/8/2022	Rainy	10:24	4.9	3.9	26.60	26.55	8.25	8.26	28.79	28.77	77.40	77.65	5.39	5.41	15.58	15.56	9.8	9.6		
			10:25	4.9	3.9	26.50														8.26	28.74
	13/8/2022	Sunny	10:19	5.4	4.4	27.70	27.75	8.10	8.11	30.00	30.02	87.70	87.90	6.07	6.10	4.15	4.20	2.6	2.7		
			10:20	5.4	4.1	27.80														8.11	30.03
	15/8/2022	Sunny	21:25	4.6	4.1	29.30	29.30	8.14	8.14	28.60	28.61	99.40	98.05	6.65	6.55	1.89	1.90	3.2	3.4		
			21:26	5.1	4.1	29.30														8.14	28.62
	17/8/2022	Cloudy	12:25	4.6	3.6	29.40	29.45	8.42	8.43	28.70	28.68	118.30	117.25	7.76	7.69	1.35	1.42	2.9	3.1		
			12:26	4.6	3.6	29.50														8.43	28.66
	19/8/2022	Cloudy	12:26	4.4	3.4	29.80	29.75	8.44	8.45	28.83	28.83	117.70	114.75	7.29	7.49	1.05	1.05	3.2	3.1		
			12:27	4.4	3.4	29.70														8.45	28.83
	22/8/2022	Sunny	9:43	4.2	3.2	29.40	29.40	8.30	8.30	29.16	29.15	107.30	108.10	7.15	7.21	5.91	5.90	3.7	3.5		
			9:44	4.2	3.2	29.40														8.29	29.13
	24/8/2022	Cloudy	9:47	4.6	3.6	29.90	29.95	8.39	8.40	28.69	28.54	118.50	119.85	7.70	7.78	2.36	2.27	3.2	3.4		
			9:48	4.6	3.6	30.00														8.41	28.39
	26/8/2022	Cloudy	9:53	4.8	3.8	28.10	28.10	8.02	8.03	30.27	30.26	99.40	98.85	6.74	6.68	18.67	18.62	17.8	18.0		
			9:54	4.8	3.8	28.10														8.03	30.25
	29/8/2022	Sunny	12:26	4.5	3.5	29.40	29.45	8.11	8.12	29.76	29.73	101.60	100.50	6.66	6.62	4.63	4.55	4.5	4.7		
			12:27	4.5	3.5	29.50														8.12	29.69
	29/8/2022	Sunny	12:21	0.0	-1.0	30.10	30.10	8.32	8.32	29.66	29.65	109.50	110.55	7.09	7.14	2.32	2.32	-	-		
			12:22	0.0	-1.0	30.10														8.32	29.63

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR9 (Bottom) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						-															
SR9	2/8/2022	Sunny	12:24	4.8	3.8	30.20	30.18	9.46	9.40	26.60	26.66	114.60	110.55	7.46	7.20	6.51	5.77	3.2	3.5		
			12:25	4.8	3.8	30.15														9.34	26.71
	4/8/2022	Rainy	12:25	4.8	3.8	28.44	28.41	9.86	9.85	25.89	26.02	103.30	108.30	6.95	7.29	4.75	4.81	3.0	3.1		
			12:26	4.8	3.8	28.38														9.83	25.89
	6/8/2022	Cloudy	12:25	4.0	3.0	28.60	28.50	9.32	9.24	22.71	22.84	94.80	91.55	6.47	6.25	3.97	3.87	2.7	2.9		
			12:26	4.0	3.0	28.57														9.16	22.97
	9/8/2022	T3	Sampling was cancelled due to adverse weather																		
	11/8/2022	Rainy	12:26	4.6	3.6	27.00	27.00	8.27	8.28	28.24	28.92	89.90	79.85	5.55	5.48	14.62	14.56	6.5	6.8		
	12:27	4.6	3.6	27.00	8.28	28.60														28.92	78.80
	13/8/2022	Sunny	12:24	5.1	4.1	27.40	27.45	8.14	8.15	30.05	30.01	91.20	91.00	6.24	6.21	3.17	3.10	3.7	3.9		
			12:25	5.1	4.1	27.50														8.15	29.97
	15/8/2022	Sunny	9:43	4.9	3.9	28.60	28.60	8.09	8.10	29.24	29.24	92.80	92.00	6.23	6.17	1.63	1.64	2.1	2.2		
			9:44	4.9	3.9	28.60														8.10	29.24
	17/8/2022	Cloudy	9:47	4.3	3.3	29.30	29.30	8.29	8.30	28.63	28.62	104.40	105.65	6.95	6.98	1.64	1.75	2.8	2.9		
			9:48	4.3	3.3	29.30														8.30	28.60
	19/8/2022	Cloudy	9:53	4.0	3.0	29.30	29.30	8.41	8.42	28.88	28.88	110.20	112.10	7.27	7.41	0.93	0.94	2.2	2.3		
			9:54	4.0	3.0	29.30														8.42	28.88
	22/8/2022	Sunny	12:27	4.0	3.0	30.30	30.35	8.34	8.35	28.70	28.60	111.80	110.60	7.31	7.25	4.93	4.99	6.4	6.7		
			12:28	4.0	3.0	30.40														8.35	28.50
	24/8/2022	T3	Sampling was cancelled due to adverse weather																		
	26/8/2022	Cloudy	12:31	4.7	3.7	28.10	28.15	8.06	8.07	30.27	30.24	89.30	93.55	6.25	6.49	16.36	16.25	13.6	13.8		
			12:32	4.7	3.7	28.20														8.07	30.24
	29/8/2022	Sunny	9:43	4.6	3.6	29.20	29.20	8.05	8.06	29.59	29.58	101.10	103.00	6.74	6.86	4.25	4.25	2.7	2.7		
			9:44	4.6	3.6	29.20														8.06	29.56

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR10 (Middle) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						-															
SR10	2/8/2022	Sunny	9:59	2.8	1.4	29.35	29.35	9.30	9.32	26.42	26.65	115.40	115.05	7.82	7.59	5.99	5.53	2.2	2.4		
			10:00	2.8	1.4	29.34														9.30	26.88
	4/8/2022	Rainy	11:07	2.6	1.3	28.31	28.30	9.69	9.67	26.46	26.53	114.70	105.80	7.71	7.11	5.81	5.62	3.8	3.7		
			11:08	2.6	1.3	28.29														9.66	26.59
	6/8/2022	Cloudy	9:59	2.3	1.2	28.38	28.42	9.18	9.23	22.25	22.43	115.10	106.15	7.91	7.28	4.61	4.25	2.2	2.3		
			10:00	2.3	1.2	28.45														9.28	22.61
	9/8/2022	T3	Sampling was cancelled due to adverse weather																		
	11/8/2022	Rainy	10:32	2.8	1.4	26.90	26.90	8.22	8.24	29.53	29.53	74.00	75.65	5.16	5.30	17.59	17.94	9.6	9.2	9.4	
			10:33	2.8	1.4	26.90															8.26
	13/8/2022	Sunny	10:28	2.9	1.5	27.50	27.45	8.12	8.13	29.97	29.97	85.60	85.05	5.98	6.04	3.17	2.95	3.5	3.8	3.7	
			10:29	2.9	1.5	27.40															8.14
	15/8/2022	Sunny	12:17	2.8	1.5	29.70	29.65	8.08	8.09	29.29	29.27	93.30	92.25	6.15	6.12	1.35	1.37	3.0	2.8	2.9	
			12:18	2.9	1.5	29.60															8.10
	17/8/2022	Cloudy	12:17	2.8	1.4	29.90	29.90	8.28	8.30	28.67	28.67	106.30	107.95	6.94	7.06	1.88	1.97	2.5	2.5	2.7	
			12:18	2.8	1.4	29.90															8.31
	19/8/2022	Cloudy	12:17	2.7	1.4	29.60	29.55	8.46	8.46	28.87	28.86	114.40	114.50	7.47	7.51	1.03	0.98	2.5	2.8	2.7	
			12:18	2.7	1.4	29.50															8.46
	22/8/2022	Sunny	9:55	2.7	1.4	29.20	29.25	8.30	8.32	29.10	29.12	108.20	109.75	7.18	7.28	5.06	4.96	4.4	4.0	4.2	
			9:56	2.7	1.4	29.30															8.34
	24/8/2022	Cloudy	9:59	2.7	1.4	30.50	30.50	8.41	8.42	28.48	28.48	117.60	118.50	7.74	7.71	3.38	3.36	3.7	4.0	3.9	
			10:00	2.7	1.4	30.50															8.43
	26/8/2022	Cloudy	10:05	2.7	1.4	29.00	29.00	8.05	8.06	29.68	29.64	96.10	95.40	6.37	6.43	16.50	16.51	12.2	12.0	12.1	
			10:06	2.7	1.4	29.00															8.06
	29/8/2022	Sunny	12:16	2.8	1.4	29.40	29.45	8.12	8.13	29.56	29.56	103.50	102.20	6.93	6.84	3.30	3.30	2.8	2.6	2.7	
			12:17	2.8	1.4	29.50															8.13
	29/8/2022	Sunny	12:17	0.0	1.4	29.60	29.60	8.23	8.23	29.76	29.77	107.50	108.10	7.03	7.07	3.17	3.18	-	-	-	
			12:18	0.0	1.4	29.60															8.23

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR10 (Middle) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L		
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	
						-														
SR10	2/8/2022	Sunny	12:16	2.9	1.5	30.03	30.11	9.40	9.41	27.18	27.25	104.90	103.60	6.83	6.73	5.60	5.29	6.8	6.6	
			12:17	2.9	1.5	30.19														9.42
	4/8/2022	Rainy	12:17	2.7	1.4	27.75	27.74	9.84	9.82	26.27	26.30	90.00	92.15	6.11	6.26	4.42	4.54	3.4	3.3	
			12:18	2.7	1.4	27.72														9.80
	6/8/2022	Cloudy	12:17	2.5	1.3	28.92	28.93	9.06	9.13	22.39	22.53	94.60	97.70	6.43	6.64	4.80	5.21	1.7	1.8	
			12:18	2.5	1.3	28.94														9.19
	9/8/2022	T3	Sampling was cancelled due to adverse weather																	
	11/8/2022	Rainy	12:17	2.7	1.4	27.00	27.00	8.26	8.27	28.31	28.42	81.10	81.40	5.57	5.59	13.93	13.59	8.2	8.0	8.0
			12:18	2.7	1.4	27.00														
	13/8/2022	Sunny	12:15	2.8	1.4	30.70	30.70	8.13	8.13	29.86	29.88	93.60	95.60	6.12	6.17	2.31	2.33	2.4	2.5	2.5
			12:16	2.8	1.4	30.70														
	15/8/2022	Sunny	9:56	2.8	1.4	29.10	29.05	8.11	8.12	29.24	29.24	91.50	91.35	6.18	6.17	1.64	1.57	3.0	2.8	2.9
			9:57	2.8	1.4	29.00														
	17/8/2022	Cloudy	9:58	2.5	1.3	29.60	29.75	8.29	8.30	28.63	28.62	104.40	104.00	6.91	6.85	1.89	1.92	4.6	4.4	4.5
			9:59	2.5	1.3	29.90														
	19/8/2022	Cloudy	10:04	2.6	1.3	29.70	29.70	8.41	8.42	28.89	28.88	110.10	110.35	7.27	7.29	0.63	0.60	1.8	1.6	1.7
			10:05	2.6	1.3	29.70														
	22/8/2022	Sunny	12:16	2.6	1.3	29.50	29.50	8.37	8.37	29.12	29.14	112.10	113.60	7.44	7.56	4.47	4.51	5.0	5.1	5.1
			12:17	2.6	1.3	29.50														
	24/8/2022	T3	Sampling was cancelled due to adverse weather																	
	26/8/2022	Cloudy	12:21	2.7	1.4	29.00	29.00	8.05	8.05	30.04	30.04	96.00	94.35	6.58	6.72	11.24	11.24	8.0	8.1	8.1
			12:22	2.7	1.4	29.00														
	29/8/2022	Sunny	9:52	2.7	1.4	29.20	29.25	8.06	8.07	29.59	29.59	100.30	100.40	6.60	6.61	3.43	3.43	2.1	2.4	2.3
			9:53	2.7	1.4	29.30														

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR12 (Middle) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						-															
SR12	2/8/2022	Sunny	10:05	2.8	1.4	29.44	29.49	9.26	9.35	26.97	26.99	98.00	97.70	6.45	6.42	5.15	5.04	2.3	2.3		
			10:06	2.9	1.4	29.54		9.26		27.01		97.40		6.39		4.92		2.2			
	4/8/2022	Rainy	11:13	2.7	1.4	28.28	28.26	9.62	9.64	26.41	26.40	98.60	97.10	6.63	6.53	5.00	5.03	3.0	3.2		
			11:14	2.7	1.4	28.24		9.66		26.39		96.60		6.43		5.06		3.3			
	6/8/2022	Cloudy	10:04	2.4	1.2	28.67	28.70	9.22	9.21	22.18	22.36	113.80	104.20	7.78	7.12	4.31	4.28	1.9	1.9		
			10:05	2.4	1.2	28.73		9.19		22.54		94.60		6.45		4.24		1.8			
	9/8/2022	T3	Sampling was cancelled due to adverse weather																		
	11/8/2022	Rainy	10:36	2.9	1.5	26.90	26.80	8.23	8.24	29.45	29.48	77.20	75.05	5.34	5.22	17.59	17.59	10.6	10.5		
			10:37	2.9	1.5	26.70		8.24		29.51		72.90		5.10		17.59		10.3			
	13/8/2022	Sunny	10:37	2.8	1.4	27.50	27.50	8.12	8.13	29.80	29.78	87.70	87.85	6.21	6.14	1.88	4.81	1.7	1.8		
			10:38	2.8	1.5	27.50		8.14		29.76		88.00		6.07		7.73		1.8			
	15/8/2022	Sunny	12:14	2.9	1.5	29.90	30.05	8.10	8.10	29.17	29.17	93.10	93.05	6.13	6.12	1.68	1.68	2.6	2.7		
			12:15	3.0	1.5	30.20		8.09		29.16		93.00		6.10		1.67		2.8			
	17/8/2022	Cloudy	12:15	2.9	1.5	29.50	29.50	8.32	8.33	28.68	28.68	109.10	109.35	7.18	7.20	1.86	1.81	2.7	2.9		
			12:16	2.9	1.5	29.50		8.33		28.67		109.60		7.22		1.75		3.1			
	19/8/2022	Cloudy	12:13	2.6	1.3	29.60	29.55	8.46	8.47	28.87	28.87	116.90	115.95	7.67	7.66	0.77	0.79	2.7	2.9		
			12:14	2.6	1.3	29.50		8.47		28.87		115.00		7.65		0.80		3.1			
	22/8/2022	Sunny	9:59	2.6	1.3	29.30	29.30	8.35	8.36	29.12	29.13	113.30	112.65	7.54	7.48	4.90	4.91	3.6	3.7		
			10:00	2.6	1.3	29.30		8.36		29.13		112.00		7.41		4.91		3.8			
	24/8/2022	Cloudy	10:06	2.6	1.3	30.50	30.55	8.44	8.45	28.46	28.46	107.80	109.95	7.05	7.16	2.31	2.46	2.5	2.6		
			10:07	2.6	1.3	30.60		8.45		28.46		112.10		7.26		2.61		2.7			
	26/8/2022	Cloudy	10:08	2.6	1.3	29.10	29.15	8.07	8.07	29.62	29.61	92.90	92.60	6.47	6.40	17.59	17.59	10.7	10.8		
			10:09	2.6	1.3	29.20		8.07		29.60		92.30		6.33		17.59		10.9			
	29/8/2022	Sunny	12:12	2.7	1.4	29.30	29.35	8.12	8.13	29.58	29.58	101.60	99.85	6.79	6.67	3.24	3.26	2.6	2.7		
			12:13	2.7	1.4	29.40		8.13		29.57		98.10		6.54		3.27		2.7			
	29/8/2022	Sunny	12:13	0.0	1.3	29.50	29.55	8.24	8.24	29.79	29.78	108.70	107.95	7.14	7.10	3.44	3.52	-	-		
			12:14	0.0	1.3	29.60		8.24		29.76		107.20		7.05		3.59		-			

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR12 (Middle) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG		
						-															
SR12	2/8/2022	Sunny	12:11	2.9	1.5	30.36	30.40	9.95	9.73	26.94	27.01	103.00	103.65	6.67	6.71	5.60	5.16	3.0	3.0		
			12:12	2.9	1.5	30.43		9.50		27.07		104.30		6.75		4.71		2.9			
	4/8/2022	Rainy	12:12	2.8	1.4	28.02	28.01	6.69	8.22	26.59	26.57	97.00	95.35	6.54	6.44	5.04	4.69	3.6	3.8		
			12:13	2.8	1.4	27.99		9.74		26.54		93.70		6.33		4.33		3.9			
	6/8/2022	Cloudy	12:13	2.5	1.3	28.95	28.95	9.19	9.24	22.69	22.70	90.70	91.30	6.16	6.20	4.18	4.13	<1.0	1.0		
			12:14	2.5	1.3	28.94		9.28		22.70		91.90		6.24		4.07		<1.0			
	9/8/2022	T3	Sampling was cancelled due to adverse weather																		
	11/8/2022	Rainy	12:14	2.8	1.4	26.90	26.90	8.24	8.24	28.00	28.18	78.40	79.05	5.37	5.41	15.58	15.59	10.6	10.7		
			12:15	2.8	1.4	26.90		8.24		28.35		79.70		5.45		15.59		10.8			
	13/8/2022	Sunny	12:13	2.7	1.4	29.90	30.05	8.15	8.15	29.76	29.77	89.50	90.05	6.02	6.06	2.31	2.33	2.3	2.3		
			12:14	2.7	1.4	30.20		8.14		29.78		90.60		6.10		2.34		2.2			
	15/8/2022	Sunny	10:03	2.9	1.5	29.80	29.95	8.08	8.08	29.17	29.16	94.70	93.45	6.27	6.22	1.75	1.80	3.3	3.5		
			10:04	2.9	1.5	30.10		8.08		29.15		92.20		6.16		1.85		3.6			
	17/8/2022	Cloudy	10:05	2.6	1.3	30.00	30.00	8.31	8.31	28.61	28.61	106.40	101.90	7.03	6.72	2.19	2.18	3.8	4.0		
			10:06	2.6	1.3	30.00		8.31		28.61		97.40		6.40		2.17		4.2			
	19/8/2022	Cloudy	10:10	2.5	1.3	29.30	29.35	8.44	8.45	28.88	28.88	111.90	109.60	7.29	7.15	0.77	0.76	1.9	1.8		
			10:11	2.5	1.3	29.40		8.45		28.87		107.30		7.00		0.75		1.7			
	22/8/2022	Sunny	12:12	2.4	1.2	29.50	29.50	8.38	8.37	29.14	29.14	109.90	111.00	7.23	7.32	4.40	4.44	5.5	5.8		
			12:13	2.4	1.2	29.50		8.36		29.14		112.10		7.41		4.47		6.0			
	24/8/2022	T3	Sampling was cancelled due to adverse weather																		
	26/8/2022	Cloudy	12:16	2.5	1.3	29.00	29.00	8.06	8.06	30.02	30.02	97.70	96.15	6.80	6.68	10.10	10.08	11.8	11.9		
			12:17	2.5	1.3	29.00		8.06		30.02		94.60		6.85		10.06		12.0			
	29/8/2022	Sunny	9:58	2.6	1.3	29.40	29.35	8.10	8.10	29.58	29.58	102.20	100.45	6.84	6.70	3.24	3.27	3.6	3.8		
			9:59	2.6	1.3	29.30		8.10		29.57		98.70		6.56		3.29		4.0			

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR15 (Middle) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						2/8/2022	Sunny	9:07	2.8	1.4	29.33	29.35	9.19	9.21	26.17	26.34	114.10	118.70	7.55	7.85	5.82
4/8/2022	Rainy	9:08	2.8	1.4	29.36	27.97	9.21	9.60	26.51	26.19	123.30	99.00	8.14	6.55	4.86	8.09	4.1	4.0			
		10:21	2.6	1.3	27.95	9.59	9.60	26.18	26.19	99.00	96.70	6.70	6.55	8.61	7.56	4.1	3.8				
6/8/2022	Cloudy	9:07	2.6	1.3	28.16	28.16	9.26	9.29	25.54	25.55	118.00	103.65	7.99	7.02	5.07	4.71	2.6	2.8			
		9:08	2.6	1.3	28.16	9.32	9.29	25.55	25.55	89.30	103.65	6.04	7.02	4.34	4.71	2.9	2.8				
9/8/2022	T3	Sampling was cancelled due to adverse weather																			
11/8/2022	Rainy	9:40	2.9	1.5	26.90	26.95	8.23	8.23	29.11	29.19	78.40	81.60	5.11	5.26	18.66	18.61	9.7	9.6			
		9:41	2.9	1.5	27.00	8.23	8.23	29.26	29.26	84.80	81.60	5.41	5.26	18.55	18.61	9.4	9.6				
13/8/2022	Sunny	9:28	2.9	1.5	27.00	27.05	7.91	7.94	30.11	30.12	86.70	90.15	6.04	6.16	4.85	4.86	2.7	2.9			
		9:29	2.9	1.5	27.10	7.97	7.97	30.12	30.12	93.60	90.15	6.28	6.16	4.86	4.86	3.0	2.9				
15/8/2022	Sunny	12:56	2.9	1.5	29.10	29.15	8.19	8.19	28.65	28.65	96.20	97.35	6.46	6.52	1.49	1.56	1.8	1.8			
		12:57	2.9	1.5	29.20	8.19	8.19	28.65	28.65	98.50	97.35	6.58	6.52	1.63	1.56	1.7	1.8				
17/8/2022	Cloudy	13:06	2.7	1.4	29.50	29.55	8.49	8.50	28.90	28.90	117.20	116.20	7.67	7.61	1.63	1.58	2.9	2.8			
		13:07	2.7	1.4	29.60	8.50	8.50	28.89	28.89	115.20	116.20	7.54	7.61	1.53	1.58	2.5	2.8				
19/8/2022	Cloudy	13:04	2.7	1.4	29.60	29.60	8.48	8.48	28.83	28.85	112.10	113.55	7.37	7.47	0.77	0.77	2.9	2.8			
		13:05	2.7	1.4	29.60	8.48	8.48	28.86	28.85	115.00	113.55	7.56	7.47	0.76	0.77	2.6	2.8				
22/8/2022	Sunny	8:56	2.7	1.4	29.30	29.30	8.14	8.17	28.21	28.22	109.40	110.60	7.27	7.36	3.43	3.43	3.8	4.0			
		8:57	2.7	1.4	29.30	8.19	8.17	28.22	28.22	111.80	110.60	7.45	7.36	3.43	3.43	4.1	4.0				
24/8/2022	Cloudy	8:50	2.8	1.4	30.70	30.70	8.21	8.24	27.43	27.44	115.70	115.90	7.47	7.54	2.31	2.30	5.8	5.6			
		8:51	2.8	1.4	30.70	8.27	8.24	27.44	27.44	116.10	115.90	7.61	7.54	2.29	2.30	5.4	5.6				
26/8/2022	Cloudy	8:58	2.6	1.3	28.00	28.00	7.83	7.86	30.10	30.10	100.00	95.35	7.00	6.58	15.18	15.16	12.1	10.8			
		8:59	2.6	1.3	28.00	7.88	7.86	30.09	30.10	90.70	95.35	6.15	6.58	15.14	15.16	9.4	10.8				
29/8/2022	Sunny	13:03	2.7	1.4	29.30	29.30	8.20	8.21	29.70	29.71	103.40	101.60	6.77	6.67	4.12	4.19	2.5	2.4			
		13:04	2.7	1.4	29.30	8.22	8.21	29.71	29.71	99.80	101.60	6.57	6.67	4.25	4.19	2.3	2.4				
29/8/2022	Sunny	13:02	0.0	1.4	30.30	30.25	8.36	8.36	29.71	29.72	111.90	113.20	7.23	7.29	2.61	2.67	-	-			
		13:03	0.0	1.4	30.20	8.35	8.36	29.72	29.72	114.50	113.20	7.34	7.29	2.73	2.67	-	-				

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR15 (Middle) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L	
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						2/8/2022	Sunny	12:59	2.7	1.4	29.95	29.96	9.39	9.39	26.19	26.33	110.10	108.70	7.22
4/8/2022	Rainy	13:00	2.7	1.4	29.96	28.32	9.38	9.83	26.46	25.66	107.30	99.65	7.01	6.73	5.67	4.65	3.0	2.6	
		13:01	2.8	1.4	28.35	9.86	9.83	25.46	25.66	96.20	99.65	6.50	6.73	4.47	4.65	2.5	2.6		
6/8/2022	Cloudy	12:58	2.7	1.4	28.25	28.23	9.13	9.26	24.06	23.95	113.40	113.30	7.74	7.74	3.76	4.21	2.1	2.2	
		12:59	2.7	1.4	28.21	9.39	9.26	23.84	23.95	113.20	113.30	7.74	7.74	4.65	4.21	2.2	2.2		
9/8/2022	T3	Sampling was cancelled due to adverse weather																	
11/8/2022	Rainy	15:59	2.7	1.4	26.90	26.85	8.27	8.27	29.40	29.35	79.30	80.60	5.45	5.57	12.92	12.94	6.2	6.1	
		16:00	2.7	1.4	26.80	8.27	8.27	29.30	29.35	81.90	80.60	5.68	5.57	12.95	12.94	5.9	6.1		
13/8/2022	Sunny	12:57	2.7	1.4	28.20	28.20	8.11	8.14	29.96	29.97	91.40	91.90	6.17	6.13	8.64	8.60	4.5	4.7	
		12:58	2.7	1.4	28.20	8.17	8.14	29.97	29.97	92.40	91.90	6.08	6.13	8.56	8.60	4.8	4.7		
15/8/2022	Sunny	8:57	2.8	1.4	28.40	28.40	7.86	7.88	28.73	28.71	90.10	91.05	6.14	6.17	1.91	1.93	3.9	3.8	
		8:58	2.8	1.4	28.40	7.90	7.88	28.68	28.71	92.00	91.05	6.20	6.17	1.95	1.93	3.6	3.8		
17/8/2022	Cloudy	8:59	2.6	1.3	28.60	28.65	8.10	8.11	28.86	28.87	103.30	104.75	6.98	7.03	1.80	1.78	2.8	2.8	
		9:00	2.6	1.3	28.70	8.11	8.11	28.87	28.87	106.20	104.75	7.08	7.03	1.75	1.78	2.8	2.8		
19/8/2022	Cloudy	9:10	2.5	1.3	29.50	29.60	8.26	8.29	29.01	29.50	112.80	114.35	7.39	7.51	0.66	0.72	1.6	1.7	
		9:11	2.5	1.3	29.70	8.32	8.29	29.98	29.50	115.90	114.35	7.63	7.51	0.77	0.72	1.8	1.7		
22/8/2022	Sunny	13:01	2.4	1.2	30.50	30.55	8.42	8.43	28.21	28.22	109.90	110.85	7.20	7.26	5.27	5.26	7.1	7.2	
		13:02	2.4	1.2	30.60	8.44	8.43	28.22	28.22	111.80	110.85	7.32	7.26	5.25	5.26	7.3	7.2		
24/8/2022	T3	Sampling was cancelled due to adverse weather																	
26/8/2022	Cloudy	13:05	2.5	1.3	28.60	28.60	8.10	8.11	30.16	30.17	98.20	97.85	6.75	6.66	10.22	10.14	6.5	6.7	
		13:06	2.5	1.3	28.60	8.11	8.11	30.18	30.17	97.50	97.85	6.56	6.66	10.06	10.14	6.9	6.7		
29/8/2022	Sunny	8:54	2.6	1.3	28.70	28.70	7.75	7.80	29.81	29.83	94.20	93.80	6.41	6.34	5.57	5.58	4.8	4.7	
		8:55	2.6	1.3	28.70	7.85	7.80	29.84	29.83	93.40	93.80	6.26	6.34	5.58	5.58	4.5	4.7		

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station CE (surface) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						Sampling was cancelled due to adverse weather															
CE	2/8/2022	Sunny	10:15	8.7	1.0	29.19	29.23	9.36	9.27	26.49	26.66	116.50	7.72	7.64	5.47	5.09	2.1	2.4			
			10:16	8.7	1.0	29.27		9.17		114.40		7.55		4.70		2.4					
			11:21	8.7	1.0	28.26	28.26	9.62	9.63	26.11	26.21	100.80	97.55	6.79	6.57	5.40	5.12	1.7	1.7		
	4/8/2022	Rainy	11:22	8.7	1.0	28.25		9.64		26.30		94.30		6.35		4.84		1.6			
			10:18	8.4	1.0	28.45	28.39	9.32	9.30	23.55	23.65	95.10	96.70	6.48	6.60	4.86	4.39	2.6	2.5		
	6/8/2022	Cloudy	10:19	8.4	1.0	28.32		9.28		23.74		98.30		6.71		3.92		2.3			
			9/8/2022	T3	Sampling was cancelled due to adverse weather																
	11/8/2022	Rainy	10:47	8.9	1.0	26.20	26.30	8.21	8.23	28.10	28.41	77.80	77.35	5.30	5.36	20.71	20.79	10.5	10.4		
			10:48	8.9	1.0	26.40		8.24		28.72		76.90		5.42		20.86		10.3			
	13/8/2022	Sunny	10:47	8.9	1.0	28.00	28.00	8.13	8.14	30.15	30.09	88.60	88.30	6.14	6.11	2.05	2.06	2.8	2.7		
			10:48	8.9	1.0	28.00		8.14		30.04		88.00		6.07		2.06		2.6			
	15/8/2022	Sunny	12:01	9.0	1.0	28.80	28.70	8.12	8.13	28.92	28.95	96.00	96.20	6.35	6.46	1.78	1.84	3.2	3.3		
			12:02	9.0	1.0	28.60		8.14		28.97		95.40		6.57		1.89		3.4			
	17/8/2022	Cloudy	12:01	8.9	1.0	29.10	29.15	8.36	8.37	28.96	28.87	110.90	110.90	7.28	7.34	1.66	1.71	2.3	2.2		
			12:02	8.9	1.0	29.20		8.38		28.87		12.30	61.60	7.40	7.40	1.76		2.1			
	19/8/2022	Cloudy	12:01	8.7	1.0	29.40	29.40	8.43	8.44	28.84	28.84	117.80	115.00	7.73	7.57	0.63	0.64	2.3	2.2		
			12:02	8.7	1.0	29.40		8.45		28.84		112.20		7.40		0.65		2.1			
	22/8/2022	Sunny	10:01	8.6	1.0	30.20	30.25	8.39	8.40	28.83	28.83	115.00	114.85	7.45	7.47	4.88	4.98	3.4	3.6		
			10:02	8.6	1.0	30.30		8.41		28.83		114.70		7.49		5.07		3.8			
	24/8/2022	Cloudy	10:14	8.6	1.0	30.40	30.40	8.44	8.46	27.84	27.85	118.20	117.70	7.66	7.66	2.73	2.74	1.6	1.6		
			10:15	8.6	1.0	30.40		8.47		27.85		117.20		7.65		2.74		1.5			
	26/8/2022	Cloudy	10:19	8.7	1.0	28.00	28.00	8.07	8.08	30.40	30.39	95.70	94.80	6.78	6.63	9.10	9.07	9.4	9.3		
			10:20	8.7	1.0	28.00		8.08		30.37		93.90		6.47		9.03		9.1			
	29/8/2022	Sunny	12:01	8.9	1.0	29.10	29.10	8.11	8.13	29.50	29.52	124.30	119.35	8.11	7.88	3.92	3.89	2.9	2.8		
			12:02	8.9	1.0	29.10		8.14		29.54		114.40		7.65		3.86		2.6			
	29/8/2022	Sunny	12:01	0.0	1.0	29.30	29.40	8.15	8.16	29.64	29.64	111.00	108.90	7.27	7.15	3.40	3.35	-	-		
			12:02	0.0	1.0	29.50		8.17		29.64		106.80		7.02		3.29		-			

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station CE (surface) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						Sampling was cancelled due to adverse weather															
CE	2/8/2022	Sunny	12:00	8.8	1.0	30.08	30.19	5.59	7.60	25.97	26.20	108.80	110.85	6.99	7.18	5.35	5.06	2.8	2.7		
			12:01	8.8	1.0	30.28		9.80		26.43		112.90		7.37		4.77		2.5			
			12:01	8.9	1.0	28.40	28.41	9.71	9.69	26.56	26.52	95.20	100.25	6.39	6.73	5.16	4.69	3.2	3.1		
	4/8/2022	Rainy	12:02	8.8	1.0	28.41		9.67		26.47		105.30		7.06		4.22		2.9			
			6/8/2022	Cloudy	12:01	8.3	1.0	28.46	28.44	9.18	9.15	23.17	23.23	97.30	98.70	6.64	6.74	4.84	4.44	2.1	2.0
	12:02	8.3	1.0		28.42		9.13		23.28		100.10		6.84		4.04		1.8				
	9/8/2022	T3	Sampling was cancelled due to adverse weather																		
			11/8/2022	Rainy	12:01	8.8	1.0	26.10	26.10	8.26	8.26	28.16	28.38	83.20	81.10	5.88	5.68	20.70	20.77	10.6	10.5
	12:02	8.8			1.0	26.10		8.26		28.59		79.00		5.48		20.83		10.3			
	13/8/2022	Sunny	12:01	8.7	1.0	29.60	28.55	8.10	8.12	30.45	30.42	90.00	88.30	6.06	6.01	7.35	7.32	3.2	3.2		
			12:02	8.7	1.0	27.50		8.13		30.38		86.60		5.95		7.29		3.1			
	15/8/2022	Sunny	10:14	8.9	1.0	28.40	28.40	8.12	8.13	26.68	27.67	90.50	90.85	6.23	6.25	1.64	1.64	1.6	1.6		
			10:15	8.9	1.0	28.40		8.13		26.65		91.20		6.27		1.63		1.5			
	17/8/2022	Cloudy	10:17	8.6	1.0	28.70	28.75	8.37	8.38	28.90	28.90	111.03	109.42	7.34	7.24	1.36	1.36	3.7	3.5		
			10:18	8.6	1.0	28.80		8.38		28.89		107.80		7.13		1.35		3.3			
	19/8/2022	Cloudy	10:20	8.5	1.0	29.30	29.35	8.43	8.45	28.80	28.82	115.70	113.70	7.26	7.35	0.77	0.77	3.2	3.1		
			10:21	8.5	1.0	29.40		8.46		28.84		111.70		7.43		0.77		2.9			
	22/8/2022	Sunny	12:02	8.4	1.0	29.90	29.70	8.31	8.34	28.51	28.75	113.70	116.05	7.42	7.59	4.73	4.79	3.9	4.1		
			12:03	8.4	1.0	29.50		8.36		28.99		118.40		7.76		4.85		4.2			
	24/8/2022	T3	Sampling was cancelled due to adverse weather																		
			26/8/2022	Cloudy	12:01	8.6	1.0	28.00	28.10	8.05	8.06	30.12	30.12	90.60	93.30	6.64	6.62	13.18	13.22	9.5	9.7
	12:02	8.6			1.0	28.20		8.07		30.11		96.00		6.60		13.25		9.9			
	29/8/2022	Sunny	10:08	8.7	1.0	29.30	29.30	8.17	8.18	29.33	29.35	103.20	102.75	6.97	6.93	2.88	2.88	2.1	2.3		
			10:09	8.7	1.0	29.30		8.19		29.36		102.30		6.88		2.87		2.4			

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station CE (Middle) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						Sampling was cancelled due to adverse weather															
CE	2/8/2022	Sunny	10:19	8.7	4.4	29.31	29.37	9.43	9.36	26.99	27.06	114.30	114.00	7.53	7.50	4.94	4.57	1.9	1.8		
			10:20	8.7	4.4	29.43	29.37	9.29	9.36	27.12	27.06	113.30	114.00	7.47	7.50	4.20	4.57	1.7	1.8		
	4/8/2022	Rainy	11:25	8.7	4.4	28.27	28.27	9.79	9.69	26.35	26.33	92.70	91.75	6.29	6.18	4.69	4.59	2.2	2.4		
			11:26	8.7	4.4	28.27	28.27	9.65	9.69	26.30	26.33	90.80	91.75	6.11	6.18	4.49	4.59	2.5	2.4		
	6/8/2022	Cloudy	10:22	8.4	4.2	28.28	28.28	9.32	9.33	23.91	23.95	88.20	91.05	6.02	6.21	4.13	4.05	2.7	2.9		
			10:23	8.4	4.2	28.27	28.28	9.33	9.33	23.99	23.95	93.90	91.05	6.40	6.21	3.97	4.05	3.0	2.9		
	9/8/2022	T3	Sampling was cancelled due to adverse weather																		
	11/8/2022	Rainy	10:51	8.9	4.5	26.30	26.25	8.27	8.27	28.89	29.10	73.10	75.30	5.06	5.24	16.43	16.34	118.0	64.7		
			10:52	8.9	4.5	26.20	26.25	8.27	8.27	29.31	29.10	77.50	75.30	5.41	5.24	16.25	16.34	11.3	64.7		
	13/8/2022	Sunny	10:51	8.9	4.5	28.10	28.05	8.15	8.15	30.08	30.10	89.40	88.80	6.11	6.06	4.12	4.12	3.6	3.5		
			10:52	8.9	4.5	28.00	28.05	8.15	8.15	30.12	30.10	88.20	88.80	6.00	6.06	4.11	4.12	3.4	3.5		
	15/8/2022	Sunny	12:05	9.0	4.5	28.80	28.80	8.15	8.16	29.22	29.22	94.40	96.80	6.37	6.58	2.21	2.42	2.2	2.4		
			12:06	9.0	4.5	28.80	28.80	8.16	8.16	29.21	29.21	99.20	96.80	6.78	6.58	2.62	2.42	2.5	2.4		
	17/8/2022	Cloudy	12:05	8.9	4.5	29.10	29.05	8.39	8.39	28.88	28.89	108.60	109.05	7.16	7.21	1.49	1.56	3.4	3.3		
			12:06	8.9	4.5	29.00	29.05	8.39	8.39	28.89	28.89	109.50	109.05	7.25	7.21	1.63	1.56	3.1	3.3		
	19/8/2022	Cloudy	12:05	8.7	4.4	29.30	29.25	8.46	8.46	28.88	28.85	110.80	110.40	7.34	7.31	0.93	0.93	3.4	3.3		
			12:06	8.7	4.4	29.20	29.25	8.47	8.47	28.84	28.85	110.00	110.40	7.27	7.31	0.93	0.93	3.1	3.3		
	22/8/2022	Sunny	10:05	8.6	4.3	29.80	29.85	8.41	8.41	29.01	29.00	111.20	112.05	7.39	7.41	3.24	3.12	4.2	4.2		
			10:06	8.6	4.3	29.90	29.85	8.41	8.41	28.98	29.00	112.90	112.05	7.42	7.41	3.00	3.12	4.1	4.2		
	24/8/2022	Cloudy	10:18	8.6	4.3	30.10	30.10	8.48	8.40	27.91	27.91	120.00	119.75	7.86	7.85	2.19	2.25	2.7	2.9		
			10:19	8.6	4.3	30.10	30.10	8.49	8.40	27.90	27.91	119.50	119.75	7.83	7.85	2.31	2.25	3.0	2.9		
	26/8/2022	Cloudy	10:23	8.7	4.4	27.90	27.90	8.08	8.09	30.47	30.47	88.90	89.40	6.42	6.52	18.67	18.69	19.8	20.0		
			10:24	8.7	4.4	27.90	27.90	8.09	8.09	30.46	30.47	89.90	89.40	6.62	6.52	18.70	18.69	20.2	20.0		
	29/8/2022	Sunny	12:05	8.9	4.5	29.10	29.15	8.16	8.17	29.54	29.58	100.10	102.80	7.28	7.21	4.32	4.32	3.3	3.5		
			12:06	8.9	4.5	29.20	29.15	8.17	8.17	29.61	29.61	105.50	105.50	7.14	7.14	4.31	4.31	3.7	3.5		
	29/8/2022	Sunny	12:05	0.0	4.4	29.60	29.65	8.17	8.18	29.67	29.66	105.40	107.60	6.99	7.11	3.93	3.93	-	-		
			12:06	0.0	4.4	29.70	29.65	8.18	8.18	29.65	29.66	109.80	107.60	7.22	7.11	3.93	3.93	-	-		

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station CE (Middle) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG		
						Sampling was cancelled due to adverse weather															
CE	2/8/2022	Sunny	12:04	8.8	4.4	30.27	30.00	9.31	9.39	26.42	26.87	118.00	115.70	7.88	7.55	5.91	5.56	2.3	2.3		
			12:05	8.8	4.4	29.72	30.00	9.47	9.39	27.31	27.13	113.40	115.70	7.41	7.55	5.21	5.21	2.2	2.3		
	4/8/2022	Rainy	12:05	8.9	4.4	28.23	28.22	9.77	9.74	27.13	27.21	90.30	99.95	6.05	6.70	4.09	4.24	2.6	2.5		
			12:06	8.8	4.4	28.20	28.22	9.71	9.74	27.28	27.21	109.60	99.95	7.34	6.70	4.39	4.24	2.3	2.5		
	6/8/2022	Cloudy	12:05	8.3	4.2	28.10	28.09	9.22	9.21	26.05	26.21	113.40	105.00	7.66	7.09	4.75	4.86	1.8	1.5		
			12:06	8.3	4.2	28.08	28.09	9.19	9.21	26.36	26.21	96.60	105.00	6.52	7.09	4.97	4.86	1.2	1.5		
	9/8/2022	T3	Sampling was cancelled due to adverse weather																		
	11/8/2022	Rainy	12:05	8.8	4.4	26.30	26.30	8.26	8.24	29.33	29.12	75.30	76.65	5.30	5.38	16.40	16.32	14.7	14.9		
			12:06	8.8	4.4	26.30	26.30	8.21	8.24	28.91	29.12	78.00	76.65	5.46	5.38	16.23	16.32	15.0	14.9		
	13/8/2022	Sunny	12:05	8.7	4.4	27.50	27.55	8.14	8.15	30.41	30.40	86.70	85.00	6.04	5.99	7.49	7.55	4.6	4.5		
			12:06	8.7	4.4	27.60	27.55	8.15	8.15	30.39	30.40	83.30	85.00	5.93	5.99	7.60	7.55	4.4	4.5		
	15/8/2022	Sunny	10:18	8.9	4.5	28.50	28.50	8.15	8.16	29.00	29.02	94.10	93.25	6.37	6.33	1.28	1.24	1.8	1.8		
			10:19	8.9	4.5	28.50	28.50	8.16	8.16	29.04	29.02	92.40	93.25	6.28	6.33	1.20	1.24	1.8	1.8		
	17/8/2022	Cloudy	10:21	8.6	4.3	28.80	28.80	8.39	8.40	28.39	28.63	107.10	107.40	7.09	7.14	1.20	1.19	2.6	2.8		
			10:22	8.6	4.3	28.80	28.80	8.40	8.40	28.96	28.63	107.70	107.40	7.18	7.14	1.18	1.19	3.0	2.8		
	19/8/2022	Cloudy	10:24	8.5	4.3	29.30	29.30	8.46	8.46	28.85	28.86	113.20	114.40	7.46	7.55	0.82	0.74	3.7	3.7		
			10:25	8.5	4.3	29.30	29.30	8.46	8.46	28.87	28.86	115.60	114.40	7.63	7.55	0.86	0.74	3.6	3.7		
	22/8/2022	Sunny	12:06	8.4	4.2	29.40	29.20	8.38	8.36	29.06	29.03	113.00	108.65	7.42	7.25	5.83	5.89	4.6	4.8		
			12:07	8.4	4.2	29.00	29.20	8.33	8.36	29.00	29.03	104.30	108.65	7.08	7.25	5.95	5.89	4.9	4.8		
	24/8/2022	T3	Sampling was cancelled due to adverse weather																		
	26/8/2022	Cloudy	12:05	8.6	4.3	27.90	27.90	8.08	8.09	30.39	30.41	93.10	94.30	6.81	6.79	13.25	13.25	10.8	11.0		
			12:06	8.6	4.3	27.90	27.90	8.09	8.09	30.42	30.41	95.50	94.30	6.77	6.79	13.25	13.25	11.2	11.0		
	29/8/2022	Sunny	10:12	8.7	4.4	29.30	29.20	8.18	8.17	29.39	29.50	105.60	103.40	6.97	6.90	2.77	3.19	2.6	2.8		
			10:13	8.7	4.4	29.10	29.20	8.16	8.17	29.61	29.50	101.20	103.40	6.82	6.90	3.61	3.19	3.0	2.8		

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station CE (Bottom) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						Sampling was cancelled due to adverse weather															
CE	2/8/2022	Sunny	10:22	8.7	7.7	29.05				9.89	9.57	27.58	26.59	101.40	6.89	7.08	3.88	4.12	1.4	1.4	
			10:23	8.7	7.7	29.21	29.13	9.24		25.59		112.90	107.15	7.47	7.08	4.36					
	4/8/2022	Rainy	11:28	8.7	7.7	28.24	28.23	9.65	9.61	26.82		27.07		91.20	6.19	6.86	6.94	5.58	2.8	3.0	
			11:29	8.7	7.7	28.21		9.56		27.31				113.40	7.59	4.22					
	6/8/2022	Cloudy	10:25	8.4	7.4	28.23	28.25	9.71	9.65	29.25		28.26		90.80	6.09	6.09	5.99	5.37	3.3	2.5	
			10:26	8.4	7.4	28.27		9.59		27.26				90.90	6.08	6.09	4.74				
	9/8/2022	T3	Sampling was cancelled due to adverse weather																		
	11/8/2022	Rainy	10:54	8.9	7.9	26.30	26.30	8.26	8.26	29.87	29.83	74.10	74.05	5.18	5.18	19.90	19.91	13.4	13.6		
			10:55	8.9	7.9	26.30		8.25		29.79				5.18		19.92					
	13/8/2022	Sunny	10:54	8.9	7.9	28.30	28.35	8.15	8.16	30.27	30.26	85.90	86.55	5.91	5.98	4.85	4.85	4.5	4.3		
			10:55	8.9	7.9	28.40		8.16		30.24				6.05		4.84					
	15/8/2022	Sunny	12:09	9.0	8.0	28.80	28.80	8.16	8.16	29.49	29.49	95.50	95.20	6.49	6.43	2.20	2.40	1.6	1.7		
			12:10	9.0	8.0	28.80		8.16		29.49				6.37		2.60					
	17/8/2022	Cloudy	12:08	8.9	7.9	29.00	29.05	8.39	8.40	28.89	28.89	104.40	104.45	6.90	6.91	1.63	1.63	4.4	4.3		
			12:09	8.9	7.9	29.00		8.40		28.88				6.91		1.62					
	19/8/2022	Cloudy	12:08	8.7	7.7	29.00	29.00	8.46	8.46	29.05	29.02	109.70	109.40	7.22	7.21	1.63	1.63	4.4	4.3		
			12:09	8.7	7.7	29.00		8.46		28.99				7.19		1.63					
	22/8/2022	Sunny	10:08	8.6	7.6	29.30	29.35	8.34	8.32	29.56	29.53	107.00	106.85	7.30	7.24	5.84	5.83	4.8	4.7		
			10:09	8.6	7.6	29.40		8.29		29.50				7.18		5.81					
	24/8/2022	Cloudy	10:21	8.6	7.6	30.00	30.00	8.50	8.51	27.85	27.84	123.40	122.35	8.05	8.01	1.75	1.83	4.1	3.5		
			10:22	8.6	7.6	30.00		8.51		27.83				7.96		1.90					
	26/8/2022	Cloudy	10:26	8.7	7.7	27.90	27.95	8.09	8.10	30.53	30.53	91.20	90.95	6.58	6.44	31.85	31.15	24.2	24.5		
			10:27	8.7	7.7	28.00		8.10		30.52				6.30		30.44					
	29/8/2022	Sunny	12:08	8.9	7.9	29.20	29.25	8.16	8.17	29.61	29.63	107.00	108.50	7.09	7.14	4.25	4.20	4.4	4.3		
			12:09	8.9	7.9	29.30		8.17		29.65				7.19		4.14					
	29/8/2022	Sunny	12:08	0.0	7.7	30.00	30.10	8.18	8.19	29.90	29.93	109.50	105.65	7.14	6.94	3.17	3.23	-	-		
			12:09	0.0	7.7	30.20		8.19		29.95				6.74		3.29					

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station CE (Bottom) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG		
						Sampling was cancelled due to adverse weather															
CE	2/8/2022	Sunny	12:07	8.8	7.8	29.36	29.33	9.64	9.37	23.02	24.10	99.50	102.25	6.54	6.72	3.72	3.69	1.6	1.8		
			12:08	8.8	7.8	29.30		9.09		25.17				6.89		3.65					
	4/8/2022	Rainy	12:08	8.9	7.8	28.16	28.15	9.76	9.71	26.81	26.81	100.10	106.85	6.73	7.19	4.62	4.48	1.9	2.2		
			12:09	8.8	7.8	28.14		9.65		26.81				7.64		4.34					
	6/8/2022	Cloudy	12:08	8.3	7.3	28.01	28.01	9.15	9.20	26.39	26.47	113.10	104.25	7.64	7.04	3.99	4.27	1.4	1.3		
			12:09	8.3	7.3	28.00		9.25		26.54				6.44		4.54					
	9/8/2022	T3	Sampling was cancelled due to adverse weather																		
	11/8/2022	Rainy	12:08	8.8	7.8	26.20	26.20	8.25	8.25	29.85	29.87	67.80	69.00	4.89	4.95	19.86	19.88	31.6	31.5		
			12:09	8.8	7.8	26.20		8.25		29.88				5.00		19.90					
	13/8/2022	Sunny	12:08	8.7	7.7	27.70	27.75	8.16	8.16	30.38	30.39	89.00	88.50	6.18	6.14	7.13	7.15	5.6	5.5		
			12:09	8.7	7.7	27.80		8.16		30.39				6.09		7.17					
	15/8/2022	Sunny	10:21	8.9	7.9	28.40	28.40	8.16	8.16	29.54	27.55	92.30	94.30	6.22	6.16	2.19	2.23	2.2	2.3		
			10:22	8.9	7.9	28.40		8.15		25.56				6.09		2.27					
	17/8/2022	Cloudy	10:24	8.6	7.6	28.70	28.70	8.39	8.39	28.90	28.88	110.60	111.30	7.36	7.42	1.63	1.63	2.2	2.4		
			10:25	8.6	7.6	28.70		8.39		28.85				7.48		1.63					
	19/8/2022	Cloudy	10:27	8.5	7.5	29.10	29.05	8.45	8.45	29.09	29.08	111.20	111.65	7.37	7.42	0.77	0.78	4.4	4.6		
			10:28	8.5	7.5	29.00		8.44		29.06				7.47		0.79					
	22/8/2022	Sunny	12:09	8.4	7.4	28.90	28.90	8.22	8.22	29.76	29.75	93.20	92.75	6.45	6.40	8.45	8.38	5.5	5.7		
			12:10	8.4	7.4	28.90		8.21		29.73				6.34		8.31					
	24/8/2022	T3	Sampling was cancelled due to adverse weather																		
	26/8/2022	Cloudy	12:08	8.6	7.6	28.00	28.00	8.09	8.10	30.49	30.42	90.60	90.85	6.64	6.47	21.93	21.92	14.0	13.8		
			12:09	8.6	7.6	28.00		8.10		30.35				6.30		21.91					
	29/8/2022	Sunny	10:15	8.7	7.7	28.90	28.90	8.13	8.13	30.02	30.02	92.70	94.15	6.22	6.32	4.47	4.54	3.5	3.4		
			10:16	8.7	7.7	28.90		8.12		30.01				6.41		4.60					

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station CF (surface) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						Sampling was cancelled due to adverse weather															
CF	2/8/2022	Sunny	8:50	8.8	1.0	29.54	29.53	8.88	9.00	25.37	25.48	159.90	155.30	10.89	10.28	5.32	5.09	4.86	2.8	2.8	
			8:51	8.8	1.0	29.51		9.19		25.59		150.70		9.97		4.86		2.7			
			10:06	8.6	1.0	28.00		9.50		25.48		121.80		8.27		5.16		3.0			
	4/8/2022	Rainy	10:07	8.6	1.0	27.92	27.96	9.51	9.51	25.76	25.62	140.30	131.05	8.90	8.90	5.11	5.14	3.5	3.3	3.3	
			8:50	8.5	1.0	28.25		9.20		25.64		110.90		7.49		4.22		1.7			
	6/8/2022	Cloudy	8:51	8.5	1.0	28.13	28.19	9.11	9.15	26.87	26.26	99.80	105.35	6.71	7.10	3.86	4.04	1.4	1.6	1.6	
			Sampling was cancelled due to adverse weather																		
	9/8/2022	T3	Sampling was cancelled due to adverse weather																		
			Sampling was cancelled due to adverse weather																		
	11/8/2022	Rainy	9:25	9.8	1.0	27.80	27.80	8.01	7.96	29.89	29.96	76.30	77.85	5.12	5.31	15.58	15.56	15.6	15.8	15.8	
			9:26	9.8	1.0	27.80		7.90		30.03		79.40		5.50		15.54		16.0			
	13/8/2022	Sunny	9:02	9.9	1.0	27.20	27.40	7.05	7.15	30.11	30.14	87.80	86.80	6.49	6.39	6.76	6.74	5.6	5.5	5.5	
			9:03	9.9	1.0	27.60		7.25		30.17		85.80		6.29		6.71		5.3			
	15/8/2022	Sunny	13:12	9.1	1.0	29.00	29.05	8.16	8.17	28.79	28.81	96.00	96.20	6.33	6.40	1.07	1.06	2.3	2.3	2.3	
			13:13	9.1	1.0	29.10		8.17		28.82		95.40		6.46		1.04		2.2			
	17/8/2022	Cloudy	13:18	8.9	1.0	28.90	28.90	8.45	8.46	28.82	28.83	115.30	115.85	7.69	7.67	1.76	1.76	1.76	3.1	3.1	
			13:19	8.9	1.0	28.90		8.46		28.84		115.40		7.65		1.76		2.9			
	19/8/2022	Cloudy	13:17	8.7	1.0	29.60	29.65	8.41	8.43	29.14	29.13	115.00	111.95	7.54	7.42	1.19	1.19	1.19	3.1	3.1	
			13:18	8.7	1.0	29.70		8.44		29.11		108.90		7.29		1.19		2.9			
	22/8/2022	Sunny	8:20	8.8	1.0	28.90	28.95	7.22	7.34	29.29	29.11	111.20	110.25	7.43	7.38	1.58	1.56	3.8	3.7	3.7	
			8:21	8.8	1.0	29.00		7.45		28.92		109.30		7.33		1.53		3.5			
	24/8/2022	Cloudy	8:34	9.2	1.0	30.30	30.35	7.69	7.77	27.05	27.06	117.80	117.70	7.73	7.69	1.37	1.36	3.0	2.9	2.9	
			8:35	9.2	1.0	30.40		7.84		27.06		117.60		7.64		1.35		2.8			
	26/8/2022	Cloudy	8:39	8.8	1.0	27.80	27.80	7.50	7.54	30.44	30.45	91.20	92.40	6.26	6.34	10.70	10.61	9.0	9.3	9.3	
			8:40	8.8	1.0	27.80		7.58		30.45		93.60		6.42		10.52		9.6			
	29/8/2022	Sunny	13:16	8.7	1.0	29.50	29.55	8.21	8.22	29.45	29.46	107.50	106.10	7.09	6.96	4.25	4.25	2.9	2.8	2.8	
			13:17	8.7	1.0	29.60		8.23		29.47		104.70		6.82		4.24		2.6			
	29/8/2022	Sunny	13:15	0.0	1.0	29.30	29.35	8.26	8.27	30.16	30.13	109.10	109.25	7.13	7.17	4.61	4.52	-	-	-	
13:16			0.0	1.0	29.40	8.27		30.09		109.40		7.20		4.43		-					

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station CF (surface) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG		
						Sampling was cancelled due to adverse weather															
CF	2/8/2022	Sunny	13:14	8.6	1.0	29.86	29.83	9.39	9.29	26.61	26.28	110.70	115.40	7.28	7.59	6.67	6.10	2.6	2.5	2.5	
			13:15	8.6	1.0	29.80		9.19		25.94		120.10		7.90		5.53		2.3			
			13:15	8.9	1.0	28.50		9.80		25.19		106.00		7.15		5.54		3.5			
	4/8/2022	Rainy	13:16	8.8	1.0	28.48	28.49	9.89	9.90	25.30	25.25	97.90	101.95	6.60	6.88	4.50	5.02	3.7	3.6	3.6	
			13:17	8.6	1.0	28.22		9.26		23.70		93.20		6.37		4.24		1.2			
	6/8/2022	Cloudy	13:18	8.6	1.0	28.21	28.22	9.25	9.26	23.85	23.78	90.60	91.90	6.19	6.28	3.95	4.10	1.2	1.2	1.2	
			Sampling was cancelled due to adverse weather																		
	9/8/2022	T3	Sampling was cancelled due to adverse weather																		
			Sampling was cancelled due to adverse weather																		
	11/8/2022	Rainy	13:15	8.8	1.0	26.80	26.85	8.17	8.21	30.28	30.21	74.20	74.35	5.07	5.10	20.77	20.81	12.0	12.2	12.2	
			13:16	8.8	1.0	26.90		8.24		30.13		74.50		5.13		20.85		12.3			
	13/8/2022	Sunny	13:17	9.5	1.0	27.60	27.65	8.15	8.16	30.04	30.00	92.90	92.75	6.36	6.33	3.74	3.68	3.2	3.4	3.4	
			13:18	9.5	1.0	27.70		8.16		29.95		92.60		6.29		3.61		3.5			
	15/8/2022	Sunny	8:32	9.2	1.0	27.90	27.90	7.16	7.25	29.79	29.80	91.10	88.05	6.24	6.16	3.61	3.53	2.4	2.3	2.3	
			8:33	9.2	1.0	27.90		7.33		29.81		85.00		6.07		3.45		2.2			
	17/8/2022	Cloudy	8:34	8.4	1.0	28.70	28.65	7.70	7.75	28.83	28.84	103.30	101.85	6.94	6.88	2.05	1.40	5.3	5.2	5.2	
			8:35	8.4	1.0	28.60		7.79		28.85		100.40		6.82		0.75		5.1			
	19/8/2022	Cloudy	8:38	8.6	1.0	29.00	29.00	7.70	7.79	29.00	29.01	114.30	114.10	7.54	7.57	1.63	1.70	2.5	2.4	2.4	
			8:39	8.6	1.0	29.1		7.87		29.01		113.90		7.59		1.76		2.2			
	22/8/2022	Sunny	13:14	8.4	1.0	29.90	29.90	8.45	8.46	26.98	26.93	113.10	114.30	7.46	7.56	2.97	2.99	2.9	2.8	2.8	
			13:15	8.4	1.0	29.90		8.47		26.88		115.50		7.65		3.01		2.6			
	24/8/2022	T3	Sampling was cancelled due to adverse weather																		
			Sampling was cancelled due to adverse weather																		
	26/8/2022	Cloudy	13:16	8.6	1.0	28.00	28.00	8.11	8.12	30.47	30.47	97.30	98.50	6.74	6.81	19.67	19.80	6.4	6.6	6.6	
			13:17	8.6	1.0	28.00		8.12		30.47		99.70		6.88		19.92		6.7			
	29/8/2022	Sunny	8:32	8.8	1.0	28.50	28.50	7.17	7.23	29.46	29.46	99.20	97.45	6.80	6.63	4.63	4.62	3.1	3.0	3.0	
			8:33	8.8	1.0	28.50		7.29		29.46		95.70		6.46		4.61		2.8			

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station CF (Middle) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						Sampling was cancelled due to adverse weather															
CF	2/8/2022	Sunny	8:54	8.8	4.4	29.46	29.45	9.12	9.17	25.88	25.75	145.50	129.80	9.30	8.60	5.02	4.89	2.5	2.4		
			8:55	8.8	4.4	29.43														9.22	25.81
	4/8/2022	Rainy	10:10	8.6	4.3	27.89	27.85	9.54	9.53	25.70	25.84	106.50	116.90	7.29	7.94	5.28	5.03	4.78	2.4		
			10:11	8.6	4.3	27.81														9.52	25.97
	6/8/2022	Cloudy	8:54	8.5	4.3	28.21	28.19	9.28	9.21	26.56	26.63	136.20	134.85	9.17	9.08	3.66	3.71	2.2	2.4		
			8:55	8.5	4.3	28.17														9.13	26.70
	9/8/2022	T3	Sampling was cancelled due to adverse weather																		
	11/8/2022	Rainy	9:29	9.8	4.9	27.90	27.50	8.03	8.10	30.10	30.42	85.10	84.40	5.90	5.69	21.93	21.94	15.1	14.9		
			9:30	9.8	4.9	27.10														8.16	30.73
	13/8/2022	Sunny	9:06	9.9	5.0	27.60	27.70	7.35	7.35	30.36	30.36	84.60	85.60	6.03	6.15	9.19	9.18	6.4	6.6		
			9:07	9.9	5.0	27.80														7.35	30.36
	15/8/2022	Sunny	13:16	9.1	4.6	28.80	28.85	8.18	8.19	29.03	28.99	96.90	96.10	6.51	6.47	1.93	1.85	3.0	3.2		
			13:17	9.1	4.6	28.90														8.19	28.94
	17/8/2022	Cloudy	13:22	8.9	4.5	28.90	28.85	8.47	8.47	28.88	28.88	112.50	113.05	7.44	7.47	1.85	1.88	3.5	3.7		
			13:23	8.9	4.5	29.60														8.47	28.97
	19/8/2022	Cloudy	13:21	8.7	4.4	29.60	29.65	8.43	8.43	29.27	29.25	110.60	112.95	7.20	7.36	2.31	2.26	3.5	3.7		
			13:22	8.7	4.4	29.70														8.43	29.22
	22/8/2022	Sunny	8:24	8.8	4.4	29.20	29.15	7.60	7.67	28.09	28.72	108.70	106.60	7.23	7.19	3.60	3.67	4.2	4.3		
			8:25	8.8	4.4	29.10														7.74	29.35
	24/8/2022	Cloudy	8:38	9.2	4.6	30.40	30.40	7.92	7.96	27.15	27.12	114.00	112.40	7.48	7.45	2.31	2.27	2.2	2.3		
			8:39	9.2	4.6	30.40														7.99	27.08
	26/8/2022	Cloudy	8:43	8.8	4.4	27.70	27.70	7.63	7.66	30.82	30.81	86.20	85.15	6.20	6.16	25.73	25.75	18.8	19.0		
			8:44	8.8	4.4	27.70														7.69	30.79
	29/8/2022	Sunny	13:20	8.7	4.4	28.90	28.85	98.20	53.20	29.89	29.90	102.10	102.15	6.71	6.76	4.47	4.41	3.5	3.4		
13:21			8.7	4.4	28.80	8.19														29.91	102.20
29/8/2022	Sunny	13:19	0.0	4.5	29.20	29.25	8.25	8.25	30.23	30.20	107.50	106.80	7.10	7.08	3.67	3.56	-	-			
		13:20	0.0	4.5	29.30														8.25	30.17	106.10

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station CF (Middle) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG		
						Sampling was cancelled due to adverse weather															
CF	2/8/2022	Sunny	13:18	8.6	4.3	29.54	29.53	9.29	9.27	26.20	26.22	115.00	113.95	7.59	7.52	5.33	5.38	2.8	3.0		
			13:19	8.6	4.3	29.52														9.24	26.23
	4/8/2022	Rainy	13:19	8.9	4.4	28.53	28.52	9.95	9.93	25.17	25.30	113.30	107.95	7.64	7.28	5.07	4.83	2.9	2.9		
			13:20	8.8	4.4	28.50														9.90	25.42
	6/8/2022	Cloudy	13:21	8.6	4.3	28.21	28.19	9.29	9.31	23.80	23.92	113.60	106.40	7.76	7.27	3.48	3.52	2.4	2.3		
			13:22	8.6	4.3	28.17														9.32	24.04
	9/8/2022	T3	Sampling was cancelled due to adverse weather																		
	11/8/2022	Rainy	13:19	8.8	4.4	26.80	26.80	8.25	8.26	30.38	30.27	77.10	76.55	5.33	5.26	16.39	16.33	11.0	11.2		
			13:20	8.8	4.4	26.80														8.26	30.16
	13/8/2022	Sunny	13:21	9.5	4.8	27.50	27.50	8.17	8.17	30.26	30.20	88.60	89.45	6.05	6.08	5.10	5.05	3.8	4.0		
			13:22	9.5	4.8	27.50														8.17	30.14
	15/8/2022	Sunny	8:36	9.2	4.6	27.90	27.80	7.43	7.47	30.14	30.02	86.80	86.20	6.00	6.02	3.93	3.89	2.8	2.7		
			8:37	9.2	4.6	27.70														7.51	29.89
	17/8/2022	Cloudy	8:38	8.4	4.2	28.60	28.60	7.86	7.90	28.85	28.85	100.10	101.65	6.75	6.84	1.11	1.14	4.7	4.6		
			8:39	8.4	4.2	28.60														7.93	28.85
	19/8/2022	Cloudy	8:42	8.6	4.3	29.00	29.05	8.06	8.03	29.02	29.01	113.10	113.15	7.52	7.53	0.63	0.62	3.0	2.9		
			8:43	8.6	4.3	29.10														8.06	28.99
	22/8/2022	Sunny	13:18	8.4	4.2	29.70	29.70	8.44	8.44	27.98	27.93	112.20	111.30	7.44	7.37	5.09	5.02	4.4	4.6		
			13:19	8.4	4.2	29.70														8.44	27.88
	24/8/2022	T3	Sampling was cancelled due to adverse weather																		
	26/8/2022	Cloudy	13:20	8.6	4.3	27.80	27.80	8.14	8.15	30.77	30.71	95.30	93.55	6.56	6.40	10.79	11.02	5.1	5.0		
			13:21	8.6	4.3	27.80														8.15	30.64
	29/8/2022	Sunny	8:36	8.8	4.4	28.50	28.50	7.38	7.42	29.57	29.57	98.70	95.70	6.67	6.51	5.25	5.17	3.7	3.6		
			8:37	8.8	4.4	28.50														7.45	29.56

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station CF (Bottom) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						Sampling was cancelled due to adverse weather															
CF	2/8/2022	Sunny	8:57	8.8	7.8	29.43	29.43	9.21	9.24	25.92	25.94	112.30	112.30	7.43	7.59	5.04	4.94	1.4	1.4		
			8:58	8.8	7.8	29.43	29.43	9.21	9.24	25.95	25.94	117.00	114.65	7.74	7.59	4.84	4.94	1.3	1.3		
	4/8/2022	Rainy	10:13	8.6	7.6	27.72	27.65	9.58	9.59	26.29	26.41	131.90	130.25	8.96	8.85	4.38	4.43	1.5	1.6		
			10:14	8.6	7.6	27.58	27.65	9.59	9.59	26.52	26.41	128.60	130.25	8.74	8.85	4.48	4.43	1.7	1.6		
	6/8/2022	Cloudy	8:57	8.5	7.5	28.02	27.98	9.15	9.19	27.26	27.29	116.90	108.00	7.86	7.27	3.67	3.54	3.2	3.4		
			8:58	8.5	7.5	27.93	27.98	9.22	9.19	27.31	27.29	99.10	108.00	6.67	7.27	3.41	3.54	3.5	3.4		
	9/8/2022	T3	Sampling was cancelled due to adverse weather																		
	11/8/2022	Rainy	9:33	9.8	8.8	27.10	27.10	8.17	8.18	30.94	30.92	82.40	78.75	5.83	5.50	16.51	16.51	13.8	13.7		
			9:34	9.8	8.8	27.10	27.10	8.18	8.18	30.89	30.92	75.10	78.75	5.17	5.50	16.50	16.51	13.5	13.7		
	13/8/2022	Sunny	9:10	9.9	8.9	27.80	27.80	7.61	7.64	30.45	30.39	83.90	84.15	6.26	6.18	9.41	9.46	9.4	9.6		
			9:11	9.9	8.9	27.80	27.80	7.67	7.64	30.33	30.39	84.40	84.15	6.09	6.18	9.51	9.46	9.8	9.6		
	15/8/2022	Sunny	13:20	9.1	8.1	28.30	28.25	8.18	8.18	29.63	29.64	93.10	91.90	6.27	6.18	3.74	3.68	3.6	3.8		
			13:21	9.1	8.1	28.20	28.25	8.18	8.18	29.65	29.65	90.70	91.90	6.09	6.18	3.61	3.68	3.9	3.8		
	17/8/2022	Cloudy	13:25	8.9	7.9	28.70	28.80	8.47	8.47	28.82	28.83	115.60	114.45	7.86	7.58	2.05	2.01	4.5	4.4		
			13:26	8.9	7.9	28.90	28.80	8.47	8.47	28.84	28.83	113.30	114.45	7.49	7.58	1.97	2.01	4.2	4.4		
	19/8/2022	Cloudy	13:24	8.7	7.7	29.80	29.85	8.42	8.41	29.24	29.37	113.30	113.95	7.43	7.50	2.20	2.21	4.5	4.4		
			13:25	8.7	7.7	29.90	29.85	8.40	8.41	29.50	29.37	114.60	113.95	7.56	7.50	2.22	2.21	4.2	4.4		
	22/8/2022	Sunny	8:27	8.8	7.8	28.90	28.90	7.80	7.83	29.35	29.37	122.90	114.00	7.21	7.13	1.91	1.97	4.8	5.0		
			8:28	8.8	7.8	28.90	28.90	7.86	7.83	29.39	29.37	105.10	114.00	7.05	7.13	2.02	1.97	5.1	5.0		
	24/8/2022	Cloudy	8:42	9.2	8.2	30.00	30.20	7.99	8.03	28.73	28.29	117.00	115.30	7.68	7.54	2.50	2.56	3.4	3.4		
			8:43	9.2	8.2	30.40	30.20	8.06	8.03	27.85	28.29	113.60	115.30	7.39	7.54	2.62	2.56	3.3	3.4		
	26/8/2022	Cloudy	8:46	8.8	7.8	27.70	27.70	7.73	7.75	30.88	30.88	89.14	85.87	6.17	6.13	26.44	26.74	21.5	21.3		
			8:47	8.8	7.8	27.70	27.70	7.76	7.75	30.87	30.88	82.60	85.87	6.08	6.13	27.03	26.74	21.1	21.3		
	29/8/2022	Sunny	13:23	8.7	7.7	29.10	29.10	8.20	8.21	29.73	29.74	100.70	101.25	6.65	6.70	4.25	4.26	3.7	4.0		
13:24			8.7	7.7	29.10	29.10	8.21	8.21	29.75	29.74	101.80	101.25	6.74	6.70	4.26	4.26	4.2	4.0			
29/8/2022	Sunny	13:23	0.0	8.0	29.30	29.35	8.24	8.24	30.22	30.22	97.90	101.20	6.59	6.79	3.11	3.19	-	-			
		13:24	0.0	8.0	29.40	29.35	8.23	8.24	30.21	30.22	104.50	101.20	6.99	6.79	3.26	3.19	-	-			

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station CF (Bottom) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						Sampling was cancelled due to adverse weather															
CF	2/8/2022	Sunny	13:21	8.6	7.6	29.30	29.31	9.25	9.17	26.87	26.81	113.30	113.10	7.47	7.46	5.55	5.07	3.7	3.6		
			13:22	8.6	7.6	29.31	29.31	9.09	9.17	26.74	26.81	112.90	113.10	7.45	7.46	4.59	5.07	3.4	3.6		
	4/8/2022	Rainy	13:22	8.8	7.8	28.36	28.34	9.91	9.84	26.23	26.38	100.30	96.00	6.75	6.46	4.83	4.77	2.2	2.3		
			13:23	8.8	7.8	28.32	28.34	9.77	9.84	26.53	26.38	91.70	96.00	6.16	6.46	4.70	4.77	2.4	2.3		
	6/8/2022	Cloudy	13:24	8.6	7.6	28.04	28.01	9.35	9.32	25.21	25.34	94.80	92.05	6.45	6.26	3.77	3.63	2.7	2.6		
			13:25	8.6	7.6	27.98	28.01	9.29	9.32	25.46	25.34	89.30	92.05	6.07	6.26	3.48	3.63	2.5	2.6		
	9/8/2022	T3	Sampling was cancelled due to adverse weather																		
	11/8/2022	Rainy	13:22	8.8	7.8	26.80	26.80	8.26	8.26	30.79	30.77	75.60	74.95	5.11	5.17	19.92	19.93	10.3	12.0		
			13:23	8.8	7.8	26.80	26.80	8.26	8.26	30.74	30.77	74.30	74.95	5.23	5.17	19.93	19.93	13.6	13.6		
	13/8/2022	Sunny	13:25	9.5	8.5	27.40	27.40	8.18	8.18	30.24	30.25	87.70	87.95	6.08	6.10	4.95	4.84	4.4	4.7		
			13:26	9.5	8.5	27.40	27.40	8.18	8.18	30.25	30.25	88.20	87.95	6.12	6.10	4.73	4.84	4.9	4.7		
	15/8/2022	Sunny	8:40	9.2	8.2	27.70	27.70	7.57	7.60	30.75	30.81	79.50	81.30	5.94	5.92	4.00	4.06	3.2	3.1		
			8:41	9.2	8.2	27.70	27.70	7.63	7.60	30.87	30.81	83.10	81.30	5.90	5.92	4.12	4.06	3.0	3.1		
	17/8/2022	Cloudy	8:41	8.4	7.4	28.70	28.70	7.96	7.98	28.86	28.86	104.00	103.70	7.05	7.00	1.75	1.62	3.6	3.8		
			8:42	8.4	7.4	28.70	28.70	7.99	7.98	28.86	28.86	103.40	103.70	6.94	7.00	1.49	1.62	4.0	3.8		
	19/8/2022	Cloudy	8:45	8.6	7.6	28.90	28.95	8.12	8.13	29.04	29.02	116.00	115.10	7.68	7.62	0.41	0.39	3.9	4.1		
			8:46	8.6	7.6	29.00	28.95	8.14	8.13	29.00	29.02	114.20	115.10	7.56	7.62	0.37	0.39	4.3	4.1		
	22/8/2022	Sunny	13:21	8.4	7.4	29.60	29.60	8.43	8.43	28.16	28.30	112.20	109.30	7.41	7.28	7.90	7.75	5.4	5.5		
			13:22	8.4	7.4	29.60	29.60	8.42	8.43	28.44	28.30	106.40	109.30	7.15	7.28	7.60	7.75	5.6	5.5		
	24/8/2022	T3	Sampling was cancelled due to adverse weather																		
	26/8/2022	Cloudy	13:23	8.6	7.6	27.70	27.70	8.15	8.16	30.80	30.80	98.00	97.00	6.76	6.74	7.70	7.65	4.3	4.5		
			13:24	8.6	7.6	27.70	27.70	8.16	8.16	30.80	30.80	96.00	97.00	6.72	6.74	7.59	7.65	4.7	4.5		
	29/8/2022	Sunny	8:39	8.8	7.8	28.50	28.50	7.54	7.56	29.64	29.62	99.60	96.20	6.75	6.59	4.85	4.90	4.2	4.1		
			8:40	8.8	7.8	28.50	28.50	7.58	7.56	29.59	29.62	92.80	96.20	6.43	6.59	4.95	4.90	4.0	4.1		

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR4 (surface) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						SR4	31/8/2022	Cloudy	12:52	3.6	1.0	30.00	30.05	8.29	8.32	29.75	29.74	113.70	112.85	7.34	7.29
			12:53	3.6	1.0	30.10		8.25		29.72		112.00		7.23		2.68		5.0			
	2/9/2022	Sunny	12:52	3.7	1.0	28.90	28.90	8.28	8.28	30.15	30.15	103.70	103.95	6.92	6.96	7.19	7.00	9.0	9.2		
			12:53	3.7	1.0	28.90		8.28		30.14		104.20		6.99		6.80		9.4			
	5/9/2022	Sunny	8:52	3.5	1.0	27.60	27.55	7.99	8.00	32.14	32.15	105.80	106.40	7.13	7.10	2.76	2.73	3.0	2.8		
			8:53	3.5	1.0	27.50		8.01		32.15		107.00		7.06		2.69		2.6			
	7/9/2022	Sunny	11:21	3.5	1.0	28.30	28.25	8.15	8.16	32.13	32.13	106.30	105.65	7.02	7.01	6.64	6.65	10.5	8.4		
			11:22	3.5	1.0	28.20		8.16		32.13		105.00		6.99		6.65		6.2			
	9/9/2022	Sunny	9:15	4.0	1.0	27.90	27.90	7.99	8.00	32.61	32.60	99.60	98.40	6.74	6.70	5.22	5.22	4.3	4.1		
			9:16	4.0	1.0	27.90		8.00		32.59		97.20		6.66		5.21		3.9			
	12/9/2022	Sunny	12:51	3.6	1.0	29.50	29.55	8.07	8.08	32.76	32.79	99.30	100.05	6.51	6.61	4.09	4.08	4.4	4.7		
			12:52	3.6	1.0	29.60		8.08		32.81		100.80		6.70		4.07		5.0			
	14/9/2022	Sunny	12:52	3.8	1.0	29.40	29.40	8.16	8.17	32.81	32.80	106.00	106.05	6.85	6.88	5.04	4.96	2.9	2.8		
			12:53	3.8	1.0	29.40		8.17		32.79		106.10		6.90		4.87		2.6			
	16/9/2022	Rainy	12:55	3.4	1.0	30.10	30.10	8.22	8.22	32.74	32.74	108.30	109.55	6.91	6.99	5.21	5.25	3.8	3.8		
			12:56	3.4	1.0	30.10		8.21		32.74		110.80		7.07		5.28		3.7			
	19/9/2022	Cloudy	8:40	3.5	1.0	29.30	29.30	8.02	8.03	31.96	31.97	103.90	105.00	6.80	6.87	1.63	1.64	1.6	1.7		
			8:41	3.5	1.0	29.30		8.04		31.97		106.10		6.93		1.64		1.5			
	21/9/2022	Cloudy	8:50	3.8	1.0	28.80	28.70	8.00	8.01	31.77	31.79	98.00	97.70	6.48	6.51	1.94	1.88	1.9	1.8		
			8:51	3.8	1.0	28.60		8.02		31.80		97.40		6.53		1.81		1.6			
	23/9/2022	Cloudy	8:59	3.8	1.0	28.70	28.70	7.94	7.95	32.66	32.66	88.90	89.25	6.17	6.11	5.79	5.80	3.4	3.5		
			9:00	3.8	1.0	28.70		7.96		32.66		89.60		6.04		5.81		3.6			
	26/9/2022	Sunny	9:08	3.4	1.0	28.30	28.30	7.79	7.80	32.98	32.99	94.70	93.70	6.43	6.35	7.90	7.91	8.7	8.9		
			9:09	3.4	1.0	28.30		7.81		32.99		92.70		6.27		7.91		9.0			
	28/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	30/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR4 (surface) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						SR4	31/8/2022	Cloudy	9:01	3.4	1.0	29.60	29.55	7.97	7.99	29.77	29.78	102.70	103.40	8.73	8.35
			9:02	3.4	1.0	29.50		8.00		29.79		104.10		6.96		4.29		3.1			
	2/9/2022	Sunny	8:34	3.4	1.0	28.50	28.50	8.20	8.21	29.99	29.96	104.60	105.55	6.98	7.03	4.60	4.31	3.6	3.6		
			8:35	3.4	1.0	28.50		8.22		29.93		106.50		7.07		4.02		3.6			
	5/9/2022	Sunny	8:52	3.5	1.0	27.60	27.55	7.99	8.00	32.14	32.15	105.80	106.40	7.13	7.12	2.76	2.73	3.0	2.8		
			8:53	3.5	1.0	27.50		8.01		32.15		107.00		7.11		2.69		2.6			
	7/9/2022	Sunny	13:35	3.3	1.0	28.40	28.40	8.24	8.25	32.11	32.16	106.50	105.45	7.04	7.00	9.26	8.76	10.6	11.0		
			13:36	3.3	1.0	28.40		8.26		32.20		104.40		6.95		8.25		11.4			
	9/9/2022	Sunny	12:52	3.4	1.0	28.40	28.35	8.21	8.22	32.58	32.59	96.80	98.05	6.45	6.53	6.29	6.23	8.5	8.7		
			12:53	3.4	1.0	28.30		8.22		32.60		99.30		6.61		6.16		8.9			
	12/9/2022	Sunny	9:24	3.3	1.0	28.60	28.60	7.83	7.84	32.84	32.84	97.30	96.05	6.48	6.38	7.50	7.35	3.8	4.4		
			9:25	3.3	1.0	28.60		7.85		32.84		94.80		6.28		7.20		5.0			
	14/9/2022	Sunny	9:05	3.4	1.0	28.60	28.60	7.82	7.84	32.79	32.79	99.10	98.05	6.56	6.52	5.69	5.75	4.6	4.8		
			9:06	3.4	1.0	28.60		7.85		32.79		97.00		6.48		5.81		5.0			
	16/9/2022	Rainy	8:44	3.1	1.0	29.40	29.40	7.94	7.96	32.70	32.70	99.60	101.15	6.53	6.63	5.81	5.69	3.5	3.4		
			8:45	3.1	1.0	29.40		7.97		32.70		102.70		6.73		5.57		3.2			
	19/9/2022	Cloudy	12:54	3.2	1.0	30.10	30.05	8.26	8.26	31.49	31.50	101.50	102.60	6.68	6.71	1.82	1.79	1.8	1.8		
			12:55	3.2	1.0	30.00		8.26		31.50		103.70		6.73		1.76		1.7			
	21/9/2022	Cloudy	12:51	3.4	1.0	28.50	28.65	8.21	8.22	31.79	31.84	103.60	102.05	6.83	6.76	3.79	3.37	2.6	2.8		
			12:52	3.4	1.0	28.80		8.22		31.89		100.50		6.68		2.94		3.0			
	23/9/2022	Cloudy	12:50	3.4	1.0	29.00	29.10	8.07	8.09	32.58	32.58	95.90	94.95	6.35	6.26	6.03	6.01	4.0	4.1		
			12:51	3.4	1.0	29.20		8.11		32.58		94.00		6.16		5.99		4.2			
	26/9/2022	Sunny	12:51	3.9	1.0	28.80	28.75	8.08	8.09	32.89	32.92	98.00	96.70	6.48	6.40	8.08	8.12	7.6	7.8		
			12:52	3.9	1.0	28.70		8.09		32.94		95.40		6.32		8.16		7.9			
	28/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	30/9/2022	Strong Monsoon Signal	8:45	3.4	1.0	27.40	27.35	7.69	7.71	32.65	32.50	88.80	87.35	6.28	6.19	13.95	13.65	9.8	9.7		
			8:46	3.4	1.0	27.30		7.73		32.34		85.90		6.09		13.34		9.5			

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR4 (Bottom) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
SR4	31/8/2022	Cloudy	12:54	3.6	2.6	29.90	29.85	8.33	8.34	29.83	29.84	111.50	110.75	7.28	7.24	3.80	3.58	4.1	4.2		
			12:55	3.6	2.6	29.80	29.85	8.34	8.34	29.85	29.84	110.00	110.75	7.19	7.24	3.36	3.58	4.3	4.2		
	2/9/2022	Sunny	12:54	3.7	2.7	28.90	28.85	8.27	8.27	30.37	30.41	101.10	100.75	6.76	6.72	6.52	6.55	7.2	7.1		
			12:55	3.7	2.7	28.80	28.85	8.27	8.27	30.44	30.41	100.40	100.75	6.67	6.72	6.58	6.55	6.9	7.1		
	5/9/2022	Sunny	8:54	3.5	2.5	27.70	27.75	8.01	8.02	32.24	32.23	104.30	103.30	7.05	6.98	3.03	3.03	3.0	2.8		
			8:55	3.5	2.5	27.80	27.75	8.02	8.02	32.22	32.23	102.30	103.30	6.91	6.98	3.02	3.03	2.6	2.8		
	7/9/2022	Sunny	9:18	4.0	3.0	28.20	28.20	8.17	8.17	32.19	32.20	106.60	105.30	7.05	6.97	8.63	8.62	7.3	6.7		
			11:24	3.5	2.5	28.20	28.20	8.17	8.17	32.20	32.20	104.00	105.30	6.89	6.97	8.61	8.62	6.1	6.7		
	9/9/2022	Sunny	9:18	4.0	3.0	27.90	27.95	8.02	8.03	32.60	32.61	102.20	100.30	6.82	6.73	5.37	5.24	3.0	2.9		
			9:19	4.0	3.0	28.00	27.95	8.03	8.03	32.61	32.61	98.40	100.30	6.64	6.73	5.10	5.24	2.8	2.9		
	12/9/2022	Sunny	12:53	3.6	2.6	29.60	29.45	8.09	8.10	32.85	32.85	97.60	99.00	6.41	6.49	4.57	4.59	9.7	9.1		
			12:54	3.6	2.6	29.30	29.45	8.10	8.10	32.84	32.85	100.40	103.50	6.57	6.49	4.61	4.59	8.4	9.1		
	14/9/2022	Sunny	12:54	3.4	2.8	29.40	29.40	8.17	8.17	32.81	32.81	102.40	103.50	6.61	6.68	4.37	4.31	3.7	3.5		
			12:55	3.8	2.8	29.40	29.40	8.17	8.17	32.81	32.81	104.60	103.50	6.74	6.68	4.25	4.31	3.2	3.5		
	16/9/2022	Rainy	12:57	3.4	2.4	30.00	30.00	8.22	8.23	32.72	32.72	105.40	104.30	6.77	6.71	5.06	5.08	4.0	4.0		
			12:58	3.4	2.4	30.00	30.00	8.23	8.23	32.73	32.73	103.20	104.30	6.65	6.71	5.10	5.08	3.8	4.0		
	19/9/2022	Cloudy	8:42	3.5	2.5	29.50	29.55	8.06	8.06	32.14	32.15	101.90	102.05	6.66	6.64	1.54	1.57	3.8	3.9		
			8:43	3.5	2.5	29.60	29.55	8.06	8.06	32.16	32.15	102.20	102.05	6.62	6.64	1.60	1.57	4.0	3.9		
	21/9/2022	Cloudy	8:52	3.8	2.8	28.50	28.50	8.03	8.04	31.62	31.62	99.10	99.00	6.58	6.59	1.75	1.77	2.6	2.8		
			8:53	3.8	2.8	28.50	28.50	8.04	8.04	31.62	31.62	98.90	99.00	6.60	6.59	1.78	1.77	2.9	2.8		
	23/9/2022	Cloudy	9:01	3.8	2.8	28.70	28.70	7.97	7.98	32.83	32.85	91.70	89.05	6.02	6.06	6.53	6.52	4.4	4.6		
			9:02	3.8	2.8	28.70	28.70	7.98	7.98	32.86	32.85	86.40	89.05	6.09	6.06	6.50	6.52	4.8	4.6		
	26/9/2022	Sunny	9:10	3.4	2.4	28.30	28.30	7.83	7.84	32.98	32.99	94.70	93.50	6.37	6.26	6.25	6.31	6.5	6.5		
			9:11	3.4	2.4	28.30	28.30	7.84	7.84	32.99	32.99	92.30	93.50	6.15	6.26	6.36	6.31	6.5	6.5		
	28/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	30/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR4 (Bottom) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
SR4	31/8/2022	Cloudy	9:03	3.4	2.4	29.40	29.40	8.02	8.03	29.92	29.92	102.50	100.75	6.74	6.69	4.11	4.06	4.9	4.8		
			9:04	3.4	2.4	29.40	29.40	8.03	8.03	29.91	29.92	99.00	100.75	6.64	6.69	4.00	4.06	4.6	4.8		
	2/9/2022	Sunny	8:36	3.4	2.4	28.10	28.15	8.23	8.23	30.03	29.98	104.60	105.90	6.95	7.04	3.79	3.80	5.0	4.8		
			8:37	3.4	2.4	28.20	28.15	8.23	8.23	29.92	29.92	107.20	105.90	7.12	7.04	3.81	3.80	4.6	4.8		
	5/9/2022	Sunny	8:54	3.5	2.5	27.70	27.75	8.01	8.02	32.24	32.23	104.30	103.30	7.05	6.98	3.03	3.03	6.3	6.6		
			8:55	3.5	2.5	27.80	27.75	8.02	8.02	32.22	32.23	102.30	103.30	6.91	6.98	3.02	3.03	6.8	6.6		
	7/9/2022	Sunny	13:37	3.3	2.3	28.40	28.40	8.26	8.26	32.22	32.21	104.90	106.30	6.97	7.03	8.91	8.90	9.7	9.6		
			13:38	3.3	2.3	28.40	28.40	8.26	8.26	32.20	32.21	107.70	106.30	7.09	7.03	8.89	8.90	9.5	9.6		
	9/9/2022	Sunny	12:54	3.4	2.4	28.20	28.20	8.20	8.20	32.89	32.84	93.90	92.25	6.20	6.14	8.20	8.22	6.6	6.8		
			12:55	3.4	2.4	28.20	28.20	8.19	8.19	32.78	32.84	90.60	92.25	6.07	6.14	8.24	8.22	6.9	6.8		
	12/9/2022	Sunny	9:26	3.3	2.3	28.60	28.60	7.85	7.86	32.85	32.85	93.60	93.55	6.28	6.31	8.57	8.61	4.6	5.4		
			9:27	3.3	2.3	28.60	28.60	7.87	7.87	32.85	32.85	93.50	93.55	6.33	6.31	8.65	8.61	6.2	5.4		
	14/9/2022	Sunny	9:07	3.4	2.4	28.70	28.70	7.86	7.87	32.78	32.58	97.10	97.25	6.36	6.52	5.83	5.83	3.2	2.9		
			9:08	3.4	2.4	28.70	28.70	7.87	7.87	32.38	32.58	97.40	97.25	6.68	6.52	5.82	5.83	2.6	2.9		
	16/9/2022	Rainy	8:46	3.1	2.1	29.40	29.40	7.97	7.97	32.74	32.74	98.90	99.50	6.49	6.51	13.10	12.91	8.4	8.2		
			8:47	3.1	2.1	29.40	29.40	7.97	7.97	32.74	32.74	100.10	99.50	6.53	6.51	12.72	12.91	8.0	8.2		
	19/9/2022	Cloudy	12:56	3.2	2.2	30.00	30.00	8.26	8.27	31.55	31.54	103.50	103.20	6.84	6.77	2.73	2.72	2.3	2.5		
			12:57	3.2	2.2	30.00	30.00	8.27	8.27	31.53	31.54	102.90	103.20	6.70	6.77	2.70	2.72	2.6	2.5		
	21/9/2022	Cloudy	12:53	3.4	2.4	28.90	28.80	8.23	8.23	31.94	31.97	103.10	102.20	6.76	6.73	5.22	5.04	6.8	6.7		
			12:54	3.4	2.4	28.70	28.80	8.23	8.23	31.99	31.97	101.30	102.20	6.69	6.73	4.85	5.04	6.5	6.7		
	23/9/2022	Cloudy	12:52	3.4	2.4	29.00	29.05	8.11	8.12	32.83	32.83	91.00	90.85	6.11	6.09	7.13	7.06	6.0	5.8		
			12:53	3.4	2.4	29.10	29.05	8.12	8.12	32.83	32.83	90.70	90.85	6.08	6.09	6.99	7.06	5.6	5.8		
	26/9/2022	Sunny	12:53	3.9	2.9	28.80	28.75	8.10	8.10	32.96	32.96	97.20	95.70	6.40	6.30	8.06	8.05	9.4	9.2		
			12:54	3.9	2.9	28.70	28.75	8.10	8.10	32.95	32.96	94.20	95.70	6.20	6.30	8.03	8.05	9.0	9.2		
	28/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	30/9/2022	Strong Monsoon Signal	8:47	3.4	2.4	27.10	27.05	7.75	7.76	32.28	32.30	87.40	87.75	6.17	6.16	13.73	13.17	10.1	10.3		
			8:48	3.4	2.4	27.00	27.05	7.76	7.76	32.32	32.30	88.10	87.75	6.14	6.16	12.60	13.17	10.4	10.3		

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR5 (surface) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
SR5	31/8/2022	Cloudy	12:41	1.8	1.0	29.80	29.85	8.31	8.32	29.75	29.74	111.80	112.05	7.25	7.27	3.17	3.24	4.2	4.4		
			12:42	1.8	1.0	29.90		8.33		29.72		112.30		7.28		3.30		4.5			
	2/9/2022	Sunny	12:41	4.6	1.0	28.90	28.90	8.27	8.28	30.30	30.33	107.20	106.30	7.09	7.04	5.07	5.08	6.2	6.4		
			12:42	4.5	1.0	28.90		8.28		30.35		105.40		6.98		5.08		6.6			
	5/9/2022	Sunny	8:59	3.8	1.0	27.40	27.45	8.00	8.15	32.18	32.20	98.50	99.25	6.69	6.75	3.01	3.07	3.0	2.8		
			9:00	3.8	1.0	27.50		8.30		32.22		100.00		6.80		3.13		2.6			
	7/9/2022	Sunny	9:43	4.8	1.0	28.30	28.30	8.17	8.17	32.18	32.19	102.70	104.30	6.91	7.02	7.76	7.74	5.7	6.2		
			11:32	3.7	1.0	28.30		8.16		32.19		105.90		7.13		7.72		6.6			
	9/9/2022	Sunny	9:43	4.8	1.0	28.50	28.60	8.03	8.05	32.54	32.54	97.70	95.45	6.66	6.60	5.81	5.78	4.9	4.8		
			9:44	4.8	1.0	28.70		8.06		32.53		93.20		6.53		5.74		4.7			
	12/9/2022	Sunny	12:41	4.5	1.0	29.50	29.50	8.03	8.04	32.80	32.81	101.90	102.20	6.72	6.70	4.16	4.14	11.7	8.4		
			12:42	4.5	1.0	29.50		8.04		32.81		102.50		6.67		4.12		5.1			
	14/9/2022	Sunny	12:42	3.8	1.0	28.40	28.35	8.13	8.15	32.82	32.80	104.20	102.60	6.89	6.84	4.85	4.87	3.3	3.1		
			12:43	4.8	1.0	28.30		8.13		32.78		101.00		6.78		4.88		2.9			
	16/9/2022	Rainy	12:42	3.8	1.0	30.00	30.00	8.11	8.14	32.71	32.70	107.40	107.95	6.89	6.99	4.24	4.11	2.5	2.5		
			12:43	3.8	1.0	30.00		8.16		32.69		108.50		7.08		3.98		2.4			
	19/9/2022	Cloudy	8:51	3.7	1.0	29.50	29.50	8.11	8.12	32.02	32.06	105.40	103.70	6.88	6.79	2.07	2.09	2.6	2.8		
			8:52	3.7	1.0	29.50		8.13		32.10		102.00		6.70		2.11		3.0			
	21/9/2022	Cloudy	9:07	4.4	1.0	28.80	28.85	8.05	8.06	31.77	31.78	102.40	100.65	6.75	6.67	3.37	3.34	3.4	3.2		
			9:08	4.4	1.0	28.90		8.07		31.78		98.90		6.59		3.30		3.0			
	23/9/2022	Cloudy	9:13	4.5	1.0	28.70	28.75	7.99	8.01	32.54	32.55	94.90	96.05	6.30	6.37	4.49	4.55	5.5	5.3		
			9:14	4.5	1.0	28.80		8.02		32.55		97.20		6.44		4.61		5.0			
	26/9/2022	Sunny	9:18	4.9	1.0	28.60	28.65	7.89	7.90	32.86	32.88	92.90	94.60	6.44	6.41	7.12	7.13	6.8	6.7		
			9:19	4.9	1.0	28.70		7.91		32.89		96.30		6.37		7.14		6.5			
28/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																			
30/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																			

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR5 (surface) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L		
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	
SR5	31/8/2022	Cloudy	9:13	4.2	1.0	29.30	29.25	8.03	8.05	29.79	29.84	106.30	105.80	7.08	7.02	3.85	3.98	4.3	4.1	
			9:14	4.2	1.0	29.20		8.06		29.89		105.30		6.96		4.11		3.9		
	2/9/2022	Sunny	8:54	4.0	1.0	28.00	28.10	8.22	8.23	29.93	29.94	106.80	107.30	7.13	7.16	5.69	5.53	5.5	5.7	
			8:55	4.0	1.0	28.20		8.24		29.94		107.80		7.18		5.37		5.9		
	5/9/2022	Sunny	8:59	3.8	1.0	27.40	27.45	8.00	8.01	32.18	32.20	98.50	99.25	6.69	6.75	3.01	3.07	5.0	5.2	
			9:00	3.8	1.0	27.50		8.02		32.22		100.00		6.80		3.13		5.3		
	7/9/2022	Sunny	13:24	3.6	1.0	28.20	28.20	8.23	8.23	32.29	32.30	103.80	102.90	7.02	6.95	7.19	7.20	10.2	9.9	
			13:25	3.6	1.0	28.20		8.23		32.31		102.00		6.87		7.20		9.6		
	9/9/2022	Sunny	12:40	4.1	1.0	28.50	28.50	8.17	8.18	32.51	32.54	100.00	98.95	6.65	6.57	4.95	4.90	4.0	4.2	
			12:41	4.1	1.0	28.50		8.18		32.56		97.90		6.49		4.85		4.4		
	12/9/2022	Sunny	9:36	4.1	1.0	29.00	29.10	7.87	7.89	32.77	32.76	98.80	97.85	6.49	6.42	5.30	5.37	7.3	6.3	
			9:37	4.1	1.0	29.20		7.90		32.75		96.90		6.34		5.43		5.3		
	14/9/2022	Sunny	9:24	4.2	1.0	28.50	28.65	7.83	7.95	32.81	32.67	101.10	102.05	6.74	6.81	4.73	4.78	4.8	5.0	
			9:25	4.2	1.0	28.80		7.97		32.72		103.00		6.87		4.82		5.2		
	16/9/2022	Rainy	8:58	3.6	1.0	29.50	29.55	7.96	7.98	32.71	32.71	101.50	100.95	6.60	6.59	3.29	3.29	1.5	1.7	
			8:59	3.6	1.0	29.60		8.00		32.70		100.40		6.57		3.28		1.9		
	19/9/2022	Cloudy	12:41	3.4	1.0	29.80	29.80	8.21	8.22	31.69	31.68	103.20	103.80	6.63	6.68	2.61	2.61	5.4	5.3	
			12:42	3.4	1.0	29.80		8.23		31.67		104.40		6.73		2.60		5.1		
	21/9/2022	Cloudy	12:41	3.9	1.0	28.30	28.45	8.18	8.18	31.84	31.84	97.80	96.30	6.51	6.43	6.02	5.98	5.0	5.1	
			12:42	3.9	1.0	28.60		8.18		31.83		94.80		6.34		5.93		5.1		
	23/9/2022	Cloudy	12:42	4.2	1.0	29.20	29.20	8.16	8.17	32.60	32.61	95.90	96.10	6.24	6.29	5.74	5.77	3.6	3.5	
			12:43	4.2	1.0	29.20		8.17		32.61		96.30		6.33		5.80		3.4		
	26/9/2022	Sunny	12:45	4.8	1.0	28.70	28.60	8.12	8.13	32.94	32.94	100.50	99.55	6.62	6.57	7.24	7.21	7.0	7.2	
			12:46	4.8	1.0	28.50		8.13		32.93		98.60		6.52		7.18		7.3		
28/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
30/9/2022	Strong Monsoon Signal	8:57	4.7	1.0	27.30	27.25	7.75	7.76	32.51	32.55	91.00	89.95	6.18	6.21	15.58	15.58	10.2	9.7		
		8:58	4.7	1.0	27.30		7.77		32.59		88.90		6.24		15.58		9.2			

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR5 (Bottom) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
SR5	31/8/2022	Cloudy	12:41	1.8	0.8	29.50	29.50	8.24	8.26	30.05	30.05	103.40	102.55	6.88	6.82	4.85	4.87	5.6	5.5		
			12:42	1.8	0.8	29.50	29.50	8.24	8.26	30.04	30.05	101.70	102.55	6.76	6.82	4.89	4.87	5.4	5.5		
	2/9/2022	Sunny	12:44	4.6	3.6	28.90	28.85	8.28	8.29	30.35	30.35	106.00	104.70	7.10	7.01	4.61	4.73	5.8	5.6		
			12:45	4.6	3.6	28.80	28.80	8.29	8.29	30.35	30.35	103.40	104.70	6.92	7.01	4.85	4.73	5.3	5.6		
	5/9/2022	Sunny	9:01	3.8	2.8	27.50	27.50	8.04	8.04	32.25	32.25	98.40	99.25	6.71	6.77	3.00	2.93	3.6	3.8		
			9:02	3.8	2.8	27.50	27.50	8.04	8.04	32.25	32.25	100.10	99.25	6.83	6.77	2.86	2.93	3.9	3.8		
	7/9/2022	Sunny	11:33	3.7	2.7	28.20	28.20	8.17	8.17	32.22	32.23	104.10	104.40	6.93	7.01	7.47	7.35	9.0	8.9		
			11:34	3.7	2.7	28.20	28.20	8.17	8.17	32.23	32.23	104.70	104.40	7.09	7.01	7.23	7.35	8.7	8.9		
	9/9/2022	Sunny	9:46	4.8	3.8	28.70	28.70	8.07	8.07	32.66	32.65	96.70	94.95	6.39	6.34	6.39	6.36	4.3	4.2		
			9:47	4.8	3.8	28.70	28.70	8.07	8.07	32.63	32.65	93.20	94.95	6.28	6.34	6.33	6.36	4.0	4.2		
	12/9/2022	Sunny	12:44	4.5	3.5	29.10	29.10	8.04	8.04	32.91	32.89	97.40	97.20	6.41	6.39	5.50	5.54	5.3	4.9		
			12:45	4.5	3.8	29.10	29.10	8.04	8.04	32.87	32.89	97.00	97.20	6.37	6.39	5.57	5.54	4.4	4.9		
	14/9/2022	Sunny	12:45	3.8	3.8	29.10	29.10	8.15	8.15	32.70	32.70	103.60	103.40	6.75	6.72	4.47	4.45	5.4	5.7		
			12:46	4.8	3.8	29.10	29.10	8.15	8.15	32.70	32.70	103.20	103.40	6.68	6.72	4.43	4.45	5.9	5.7		
	16/9/2022	Rainy	12:44	3.8	2.8	30.00	30.00	8.18	8.19	32.70	32.70	107.40	107.95	6.96	6.99	3.97	3.94	3.0	3.0		
			12:45	3.8	2.8	30.00	30.00	8.19	8.19	32.70	32.70	108.50	107.95	7.01	6.99	3.99	3.94	3.0	3.0		
	19/9/2022	Cloudy	8:53	3.7	2.7	29.50	29.50	8.14	8.14	32.13	32.13	105.30	104.90	6.82	6.88	1.49	1.48	2.4	2.3		
			8:54	3.7	2.7	29.50	29.50	8.14	8.14	32.13	32.13	104.50	104.90	6.93	6.88	1.46	1.48	2.1	2.3		
	21/9/2022	Cloudy	9:10	4.4	3.4	28.90	28.90	8.08	8.09	31.85	31.86	99.40	100.80	6.65	6.69	3.82	3.83	5.1	5.3		
			9:11	4.4	3.4	28.90	28.90	8.09	8.09	31.86	31.86	102.20	100.80	6.72	6.69	3.84	3.83	5.4	5.3		
	23/9/2022	Cloudy	9:16	4.5	3.5	28.60	28.60	8.00	8.02	32.74	32.73	79.50	81.85	6.18	6.11	5.71	5.76	6.1	6.2		
			9:17	4.5	3.5	28.60	28.60	8.03	8.02	32.72	32.73	84.20	81.85	6.04	6.11	5.81	5.76	6.3	6.2		
	26/9/2022	Sunny	9:21	4.9	3.9	28.80	28.85	7.93	7.93	32.91	32.92	95.10	95.65	6.37	6.40	6.39	6.34	9.4	9.2		
			9:22	4.9	3.9	28.90	28.85	7.95	7.95	32.92	32.92	96.20	95.65	6.43	6.40	6.29	6.34	9.0	9.2		
	28/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	30/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR5 (Bottom) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
SR5	31/8/2022	Cloudy	9:16	4.2	3.2	28.90	28.90	8.05	8.05	30.17	30.15	97.40	98.35	6.48	6.57	4.95	4.96	6.4	6.3		
			9:17	4.2	3.2	28.90	28.90	8.05	8.05	30.12	30.15	99.30	98.35	6.65	6.57	4.96	4.96	6.2	6.3		
	2/9/2022	Sunny	8:57	4.0	3.0	28.40	28.40	8.23	8.23	30.02	29.99	104.40	102.90	6.98	6.91	5.85	5.88	7.6	7.4		
			8:58	4.0	3.0	28.40	28.40	8.23	8.23	29.96	29.99	101.40	102.90	6.83	6.91	5.91	5.88	7.1	7.4		
	5/9/2022	Sunny	9:01	3.8	2.8	27.50	27.50	8.04	8.04	32.25	32.25	98.40	99.25	6.71	6.77	3.00	2.93	7.5	7.4		
			9:02	3.8	2.8	27.50	27.50	8.04	8.04	32.25	32.25	100.10	99.25	6.83	6.77	2.86	2.93	7.2	7.4		
	7/9/2022	Sunny	13:26	3.6	2.6	28.30	28.30	8.23	8.24	32.28	32.28	105.60	103.45	6.99	6.86	7.66	7.63	6.8	6.3		
			13:27	3.6	2.6	28.30	28.30	8.24	8.24	32.27	32.28	101.30	103.45	6.73	6.86	7.59	7.63	5.7	6.3		
	9/9/2022	Sunny	12:43	4.1	3.1	28.20	28.20	8.19	8.19	32.69	32.68	101.10	99.00	6.78	6.63	4.47	4.44	5.1	5.2		
			12:44	4.1	3.1	28.20	28.20	8.19	8.19	32.66	32.68	96.90	99.00	6.48	6.63	4.41	4.44	5.3	5.2		
	12/9/2022	Sunny	9:39	4.1	3.1	29.20	29.20	7.92	7.93	32.74	32.74	94.00	94.25	6.29	6.24	5.30	5.26	4.0	3.7		
			9:40	4.1	3.1	29.20	29.20	7.93	7.93	32.73	32.74	94.50	94.25	6.19	6.24	5.21	5.26	3.4	3.7		
	14/9/2022	Sunny	9:27	4.2	3.2	28.80	28.75	7.98	7.99	32.72	32.73	103.50	103.25	6.95	6.91	4.61	4.61	3.5	3.8		
			9:28	4.2	3.2	28.70	28.70	8.00	8.00	32.74	32.73	103.00	103.25	6.86	6.91	4.60	4.61	4.0	3.8		
	16/9/2022	Rainy	9:00	3.6	2.6	29.40	29.40	8.02	8.03	32.72	32.72	103.20	102.10	6.70	6.64	4.71	4.67	2.1	2.2		
			9:01	3.6	2.6	29.40	29.40	8.04	8.03	32.72	32.72	101.00	102.10	6.57	6.64	4.62	4.67	2.2	2.2		
	19/9/2022	Cloudy	12:43	3.4	2.4	29.80	29.80	8.24	8.24	31.66	31.68	105.50	103.95	6.83	6.75	3.30	3.29	4.8	4.6		
			12:44	3.4	2.4	29.80	29.80	8.24	8.24	31.69	31.68	102.40	103.95	6.66	6.75	3.27	3.29	4.4	4.6		
	21/9/2022	Cloudy	12:43	3.9	2.9	28.60	28.60	8.19	8.19	31.84	31.85	96.30	97.00	6.49	6.54	4.85	4.78	5.6	5.6		
			12:44	3.9	2.9	28.60	28.60	8.18	8.19	31.85	31.85	97.70	97.00	6.58	6.54	4.70	4.78	5.5	5.6		
	23/9/2022	Cloudy	12:45	4.2	3.2	28.70	28.65	8.06	8.06	32.81	32.81	81.70	80.75	6.06	6.11	8.21	8.21	4.9	4.9		
			12:46	4.2	3.2	28.60	28.65	8.05	8.06	32.81	32.81	79.80	80.75	6.15	6.11	8.20	8.21	4.8	4.9		
	26/9/2022	Sunny	12:48	4.8	3.8	28.80	28.60	8.12	8.13	32.96	32.95	95.50	97.00	6.31	6.37	6.64	6.59	6.5	6.7		
			12:49	4.8	3.8	28.60	28.60	8.13	8.13	32.93	32.95	98.50	97.00	6.43	6.37	6.53	6.59	6.8	6.7		
	28/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	30/9/2022	Strong Monsoon Signal	9:00	4.7	3.7	27.40	27.30	7.78	7.79	32.64	32.65	88.10	88.50	6.14	6.11	15.58	15.58	8.9	9.1		
			9:01	4.7	3.7	27.20	27.30	7.79	7.79	32.65	32.65	88.90	88.50	6.08	6.11	15.58	15.58	9.2	9.1		

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR6 (Middle) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
SR6	31/8/2022	Cloudy	12:34	2.7	1.4	30.30	30.30	8.33	8.33	29.63	29.64	110.50	110.05	7.14	7.11	2.61	2.67	5.4	5.3		
			12:35	2.7	1.4	30.30	30.30	8.33	8.33	29.65	29.64	109.60	110.05	7.08	7.11	2.73	2.67	5.2	5.3		
	2/9/2022	Sunny	12:34	2.7	1.4	28.80	28.80	8.32	8.32	30.16	30.18	105.90	105.25	6.99	7.02	3.18	3.18	3.1	3.0		
			12:35	2.7	1.4	28.80	28.80	8.32	8.32	30.20	30.20	104.60	105.25	7.05	7.02	3.17	3.18	2.8	2.8		
	5/9/2022	Sunny	9:14	2.6	1.3	27.50	27.50	8.05	8.06	32.25	32.25	102.00	101.60	7.06	6.97	2.73	2.79	3.0	3.2		
			9:15	2.6	1.3	27.50	27.50	8.06	8.06	32.24	32.25	101.20	101.60	6.87	6.97	2.85	2.79	3.3	3.3		
	7/9/2022	Sunny	11:39	2.5	1.3	28.20	28.20	8.17	8.17	32.24	32.22	103.30	103.25	6.92	6.91	7.70	7.66	5.3	5.3		
			11:40	2.5	1.3	28.20	28.20	8.17	8.17	32.20	32.22	103.20	103.25	6.90	6.91	7.61	7.66	5.3	5.3		
	9/9/2022	Sunny	9:56	2.9	1.5	28.80	28.80	8.08	8.09	32.55	32.53	97.50	98.80	6.67	6.71	5.81	5.69	3.3	3.3		
			9:57	2.9	1.5	28.80	28.80	8.09	8.09	32.50	32.53	100.10	98.80	6.75	6.71	5.57	5.69	3.2	3.3		
	12/9/2022	Sunny	12:36	2.8	1.4	29.00	29.00	8.10	8.10	32.80	32.80	101.00	101.15	6.67	6.69	4.21	4.11	4.6	4.4		
			12:37	2.8	1.4	29.00	29.00	8.10	8.10	32.80	32.80	101.30	101.15	6.70	6.69	4.00	4.11	4.2	4.4		
	14/9/2022	Sunny	12:37	2.7	1.4	29.00	29.00	8.15	8.16	32.74	32.74	103.90	103.00	6.77	6.73	4.95	4.96	2.6	2.6		
			12:38	2.8	1.4	29.00	29.00	8.16	8.16	32.74	32.74	102.10	103.00	6.69	6.73	4.96	4.96	2.6	2.6		
	16/9/2022	Rainy	12:36	2.7	1.4	29.50	29.65	8.10	8.10	32.96	32.95	100.80	100.45	6.84	6.57	4.85	4.86	1.7	1.8		
			12:37	2.7	1.4	29.80	29.65	8.09	8.10	32.94	32.95	100.10	100.45	6.90	6.57	4.86	4.86	1.9	1.8		
	19/9/2022	Cloudy	9:04	2.5	1.3	29.80	29.75	8.14	8.14	32.31	32.31	101.80	102.85	6.67	6.73	3.22	3.25	2.6	2.7		
			9:05	2.5	1.3	29.70	29.75	8.14	8.14	32.30	32.31	103.90	102.85	6.78	6.73	3.27	3.25	2.8	2.7		
	21/9/2022	Cloudy	9:18	2.6	1.3	28.90	28.85	8.09	8.09	31.87	31.83	97.80	98.10	6.43	6.54	2.73	2.74	10.0	9.8		
			9:19	2.6	1.3	28.80	28.85	8.09	8.09	31.79	31.83	98.40	98.10	6.64	6.54	2.75	2.74	9.5	9.8		
	23/9/2022	Cloudy	9:25	2.7	1.4	28.70	28.70	8.03	8.04	32.57	32.57	96.10	94.60	6.39	6.34	4.46	4.42	4.2	4.0		
			9:26	2.7	1.4	28.70	28.70	8.05	8.04	32.57	32.57	93.10	94.60	6.28	6.34	4.37	4.42	3.8	4.0		
	26/9/2022	Sunny	9:27	2.7	1.4	29.00	29.00	7.96	7.97	32.90	32.91	95.50	95.90	6.28	6.30	6.30	6.54	6.2	6.0		
			9:28	2.7	1.4	29.00	29.00	7.97	7.97	32.92	32.91	96.30	95.90	6.35	6.32	6.77	6.54	5.8	6.0		
	28/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	30/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR6 (Middle) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
SR6	31/8/2022	Cloudy	9:26	2.5	1.3	29.40	29.45	8.12	8.14	29.69	29.69	106.40	106.70	6.99	7.01	2.57	2.63	4.1	4.4		
			9:27	2.5	1.3	29.50	29.45	8.15	8.14	29.69	29.69	107.00	106.70	7.02	7.01	2.68	2.63	4.6	4.4		
	2/9/2022	Sunny	10:08	2.5	1.3	28.20	28.15	8.24	8.24	29.99	29.99	102.70	103.65	6.91	6.99	5.27	5.36	7.5	7.8		
			10:09	2.5	1.3	28.10	28.15	8.24	8.24	29.98	29.99	104.60	103.65	7.06	6.99	5.44	5.36	8.0	8.0		
	5/9/2022	Sunny	9:14	2.6	1.3	27.50	27.50	8.05	8.06	32.25	32.25	102.00	101.60	7.06	6.97	2.73	2.79	5.2	5.1		
			9:15	2.6	1.3	27.50	27.50	8.06	8.06	32.24	32.25	101.20	101.60	6.87	6.97	2.85	2.79	4.9	5.1		
	7/9/2022	Sunny	13:17	2.4	1.2	28.10	28.10	8.20	8.21	32.24	32.25	106.30	103.75	7.06	6.90	7.70	7.68	6.0	7.1		
			13:18	2.4	1.2	28.10	28.10	8.22	8.21	32.26	32.25	101.20	103.75	6.73	6.90	7.65	7.68	8.1	7.1		
	9/9/2022	Sunny	12:36	2.7	1.4	28.50	28.50	8.22	8.22	32.47	32.48	97.40	97.10	6.45	6.47	5.57	5.59	4.2	4.0		
			12:37	2.7	1.4	28.50	28.50	8.22	8.22	32.46	32.48	96.80	97.10	6.49	6.47	5.60	5.59	3.5	3.5		
	12/9/2022	Sunny	9:45	2.6	1.3	29.20	29.20	7.94	7.95	32.76	32.76	96.90	97.60	6.43	6.48	4.85	4.85	5.1	4.3		
			9:46	2.6	1.3	29.20	29.20	7.95	7.95	32.76	32.76	98.30	97.60	6.53	6.48	4.84	4.85	3.5	4.3		
	14/9/2022	Sunny	9:38	2.6	1.3	28.70	28.70	8.01	8.01	32.71	32.71	104.00	103.55	6.94	6.91	4.80	4.83	5.2	5.4		
			9:39	2.6	1.3	28.70	28.70	8.01	8.01	32.70	32.71	103.10	103.55	6.87	6.91	4.85	4.83	5.6	5.4		
	16/9/2022	Rainy	9:07	2.5	1.3	29.50	29.50	8.04	8.05	32.70	32.70	104.20	103.70	6.84	6.81	3.30	3.26	0.4	0.9		
			9:08	2.5	1.3	29.50	29.50	8.05	8.05	32.70	32.70	103.20	103.70	6.78	6.81	3.22	3.26	1.3	0.9		
	19/9/2022	Cloudy	12:36	2.3	1.2	30.00	30.00	8.23	8.23	32.21	32.22	105.70	105.80	6.93	6.90	1.68	1.70	2.7	2.6		
			12:37	2.3	1.2	30.00	30.00	8.23	8.23	32.22	32.22	105.90	105.80	6.87	6.90	1.71	1.70	2.5	2.6		
	21/9/2022	Cloudy	12:36	2.4	1.2	28.50	28.45	8.19	8.19	31.83	31.84	99.90	100.40	6.65	6.68	4.00	4.02	4.0	4.0		
			12:37	2.4	1.2	28.40	28.45	8.19	8.19	31.84	31.84	100.90	100.40	6.70	6.68	4.04	4.02	3.9	4.0		
	23/9/2022	Cloudy	12:37	2.4	1.2	29.10	29.15	8.13	8.14	32.53	32.56	94.40	95.10	6.20	6.25	5.27	5.27	3.6	3.5		
			12:38	2.4	1.2	29.20	29.15	8.15	8.14	32.59	32.56	95.80	95.10	6.30	6.25	5.26	5.27	3.4	3.5		
	26/9/2022	Sunny	12:38	2.6	1.3	28.60	28.60	8.09	8.10	32.88	32.89	100.20	99.65	6.63	6.58	7.26	7.30	6.4	6.7		
			12:39	2.6	1.3	28.60	28.60	8.11	8.10	32.90	32.89	99.10	99.65	6.52	6.58	7.34	7.30	6.9	6.7		
	28/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	30/9/2022	Strong Monsoon Signal	9:10	2.5	1.3	27.30	27.25	7.80	7.80	32.57	32.57	88.20	88.25	6.19	6.13	14.50	14.50	9.9	10.5		
			9:11	2.5	1.3	27.20	27.25	7.80	7.80	32.57	32.57	88.30	88.25	6.07	6.13	14.50	14.50	11.0	10.5		

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR9 (surface) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
SR9	31/8/2022	Cloudy	12:22	0.0	1.0	30.20		8.20		29.22	29.44	111.90	7.18	7.19	2.48	2.48	4.8	4.7			
			12:23	0.0	1.0	30.10	30.15	8.29	8.25	29.66	29.44	111.00	7.20	7.20	2.47	2.48	4.5	4.5			
	2/9/2022	Sunny	12:22	4.4	1.0	28.90	28.95	8.25	8.27	30.17	30.18	106.60	7.10	7.12	3.46	3.40	5.7	5.6			
			12:23	4.4	1.0	29.00	28.95	8.28	8.27	30.19	30.18	106.60	7.14	7.12	3.34	3.40	5.4	5.4			
	5/9/2022	Sunny	9:30	3.9	1.0	27.90	27.90	8.01	8.03	32.18	32.18	104.50	7.01	7.00	4.00	3.90	2.8	2.7			
			9:31	3.9	1.0	27.90	27.90	8.04	8.03	32.18	32.18	104.10	6.98	7.00	3.79	3.90	2.6	2.6			
	7/9/2022	Sunny	11:50	3.8	1.0	28.60	28.60	8.14	8.16	32.31	32.29	105.20	6.97	6.89	7.49	6.85	8.8	8.0			
			11:51	3.8	1.0	28.60	28.60	8.17	8.16	32.27	32.29	101.80	6.80	6.89	6.21	6.85	7.1	7.1			
	9/9/2022	Sunny	10:15	5.0	1.0	29.40	29.35	8.10	8.11	32.60	32.62	100.40	6.60	6.53	4.57	4.47	3.1	3.3			
			10:16	5.0	1.0	29.30	29.35	8.12	8.11	32.64	32.62	99.70	6.45	6.53	4.36	4.47	3.4	3.4			
	12/9/2022	Sunny	12:24	4.3	1.0	29.00	29.05	8.06	8.08	32.75	32.79	104.10	6.90	6.84	4.37	4.34	5.7	7.5			
			12:25	4.3	1.0	29.10	29.05	8.09	8.08	32.82	32.79	101.90	6.77	6.84	4.31	4.34	9.3	9.3			
	14/9/2022	Sunny	12:35	4.3	1.0	29.10	29.15	8.07	8.10	32.63	32.67	104.80	6.88	6.89	5.22	5.27	3.4	3.5			
			12:36	5.0	1.0	29.20	29.15	8.13	8.10	32.71	32.71	105.90	6.90	6.89	5.32	5.27	3.6	3.6			
	16/9/2022	Rainy	12:25	4.3	1.0	28.60	29.65	8.06	8.08	32.71	32.72	107.20	6.92	6.97	3.81	3.71	1.7	1.7			
			12:26	4.3	1.0	28.70	29.65	8.10	8.08	32.73	32.72	109.00	7.01	6.97	3.61	3.71	1.7	1.7			
	19/9/2022	Cloudy	9:18	4.0	1.0	29.40	29.40	8.10	8.11	32.17	32.17	106.10	6.91	6.87	2.12	2.09	2.6	2.6			
			9:19	4.0	1.0	29.40	29.40	8.12	8.11	32.17	32.17	103.00	6.83	6.87	2.05	2.09	2.5	2.5			
	21/9/2022	Cloudy	9:28	4.2	1.0	29.00	28.95	8.07	8.09	31.65	31.65	106.20	6.96	6.89	4.28	4.21	5.6	5.8			
			9:29	4.2	1.0	28.90	28.95	8.11	8.09	31.65	31.65	102.20	6.81	6.89	4.13	4.21	6.0	6.0			
	23/9/2022	Cloudy	9:35	4.6	1.0	28.70	28.25	8.03	8.06	32.53	32.53	97.50	6.44	6.41	4.73	4.68	3.4	3.3			
			9:36	4.6	1.0	27.80	28.25	8.09	8.06	32.53	32.53	97.20	6.38	6.41	4.62	4.68	3.2	3.2			
	26/9/2022	Sunny	9:45	4.9	1.0	29.30	29.25	7.96	7.98	33.02	33.02	100.90	6.52	6.48	6.22	6.15	6.6	6.5			
			9:46	4.9	1.0	29.20	29.25	8.00	7.98	33.01	33.02	99.40	6.44	6.48	6.08	6.15	6.4	6.4			
	28/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	30/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR9 (surface) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
SR9	31/8/2022	Cloudy	9:38	4.6	1.0	29.90	29.90	8.14	8.16	29.60	29.59	108.80	7.09	6.99	3.44	3.41	3.8	4.0			
			9:39	4.6	1.0	29.90	29.90	8.18	8.16	29.58	29.59	105.50	6.89	6.99	3.37	3.41	4.1	4.1			
	2/9/2022	Sunny	9:21	4.1	1.0	27.40	27.30	8.05	8.04	31.60	31.64	87.20	6.05	6.07	9.44	9.59	10.6	10.4			
			9:22	4.1	1.0	27.20	27.30	8.02	8.04	31.67	31.64	84.30	6.09	6.07	9.74	9.59	10.1	10.1			
	5/9/2022	Sunny	9:30	3.9	1.0	27.90	27.90	8.01	8.03	32.18	32.18	104.50	7.01	7.00	4.00	3.90	6.3	6.5			
			9:31	3.9	1.0	27.90	27.90	8.04	8.03	32.18	32.18	104.10	6.98	7.00	3.79	3.90	6.6	6.6			
	7/9/2022	Sunny	12:53	3.6	1.0	28.40	28.45	8.23	8.23	32.26	32.31	102.70	6.79	6.85	5.21	5.15	6.0	5.3			
			12:54	3.6	1.0	28.50	28.45	8.23	8.23	32.36	32.31	103.70	6.90	6.85	5.09	5.15	4.6	4.6			
	9/9/2022	Sunny	12:15	4.7	1.0	28.40	28.45	8.16	8.18	32.43	32.43	95.90	6.49	6.53	4.42	4.51	3.9	3.7			
			12:16	4.7	1.0	28.50	28.45	8.19	8.18	32.43	32.43	99.80	6.56	6.53	4.59	4.51	3.5	3.5			
	12/9/2022	Sunny	9:59	4.1	1.0	29.20	29.10	7.93	7.94	32.90	32.87	102.00	6.75	6.63	6.87	6.87	7.6	6.7			
			10:00	4.1	1.0	29.00	29.10	7.95	7.94	32.84	32.87	99.10	6.51	6.63	6.86	6.87	5.7	6.7			
	14/9/2022	Sunny	9:45	4.7	1.0	29.20	29.20	7.95	7.97	32.75	32.75	102.10	6.77	6.81	5.58	5.57	6.2	6.3			
			9:46	4.7	1.0	29.20	29.20	7.98	7.97	32.75	32.75	103.70	6.85	6.81	5.55	5.57	6.4	6.4			
	16/9/2022	Rainy	9:23	4.1	1.0	29.00	29.00	7.88	7.89	32.84	32.81	83.70	6.28	6.31	9.33	9.30	5.8	5.8			
			9:24	4.1	1.0	29.00	29.00	7.89	7.89	32.78	32.81	84.70	6.33	6.31	9.26	9.30	5.8	5.8			
	19/9/2022	Cloudy	12:25	3.8	1.0	29.80	29.90	8.32	8.26	32.15	32.15	104.30	6.76	6.80	1.50	1.50	3.7	3.9			
			12:26	3.8	1.0	30.00	29.90	8.21	8.26	32.14	32.15	105.10	6.84	6.80	1.49	1.50	4.0	4.0			
	21/9/2022	Cloudy	12:24	3.9	1.0	28.10	28.05	8.24	8.23	31.57	31.60	103.20	6.84	6.72	4.01	3.97	4.1	3.9			
			12:25	3.9	1.0	28.00	28.05	8.22	8.23	31.63	31.60	99.50	6.60	6.72	3.93	3.97	3.6	3.6			
	23/9/2022	Cloudy	12:25	4.2	1.0	28.40	28.35	8.20	8.20	32.61	32.59	97.30	6.42	6.47	4.33	4.29	2.4	2.4			
			12:26	4.2	1.0	28.30	28.35	8.20	8.20	32.56	32.59	97.60	6.51	6.47	4.24	4.29	2.3	2.3			
	26/9/2022	Sunny	12:27	4.9	1.0	28.40	28.40	8.13	8.14	33.97	33.97	94.80	6.32	6.37	6.72	6.69	7.6	7.6			
			12:28	4.9	1.0	28.40	28.40	8.14	8.14	32.99	33.48	97.70	6.42	6.37	6.65	6.69	8.0	8.0			
	28/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	30/9/2022	Strong Monsoon Signal	9:20	4.6	1.0	27.20	27.30	7.77	7.79	32.50	32.52	92.10	6.37	6.28	14.50	14.49	10.6	11.2			
			9:21	4.6	1.0	27.40	27.30	7.80	7.79	32.53	32.52	91.80	6.19	6.28	14.48	14.49	11.8	11.8			

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR9 (Bottom) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L				
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	
SR9	31/8/2022	Cloudy	12:21	0.0	-1.0	30.10	30.10	8.32	8.32	29.66	29.65	109.50	7.09	7.14	2.32	2.32	3.5	3.3				
			12:22	0.0	-1.0	30.10	30.10	8.32	8.32	29.63	29.65	111.60	7.19	7.14	2.32	2.32	3.1	3.1				
	2/9/2022	Sunny	12:25	4.4	3.4	28.30	28.25	8.21	8.32	30.16	30.19	104.60	6.97	7.03	3.17	3.08	4.3	4.4				
			12:26	4.4	3.4	28.20	28.20	8.32	8.32	30.21	30.21	105.20	7.09	7.03	2.99	3.08	4.5	4.4				
	5/9/2022	Sunny	9:32	3.9	2.9	27.70	27.65	8.06	8.06	32.19	32.19	102.10	6.89	6.84	3.72	3.67	4.3	4.4				
			9:33	3.9	2.9	27.60	27.60	8.06	8.06	32.19	32.19	100.70	6.79	6.84	3.61	3.67	4.4	4.4				
	7/9/2022	Sunny	11:52	3.8	2.8	28.50	28.50	8.20	8.21	32.20	32.25	105.60	6.95	7.01	6.33	6.22	6.2	6.7				
			11:53	3.8	2.8	28.50	28.50	8.21	8.21	32.29	32.29	107.60	7.07	7.01	6.10	6.22	7.1	6.7				
	9/9/2022	Sunny	10:19	5.0	4.0	29.20	29.20	8.12	8.13	32.67	32.64	96.30	6.27	6.33	4.19	4.15	4.2	4.0				
			10:20	5.0	4.0	29.20	29.20	8.13	8.13	32.61	32.61	95.50	6.38	6.33	4.11	4.15	3.8	3.8				
	12/9/2022	Sunny	12:27	4.3	3.3	29.00	29.00	8.09	8.09	32.81	32.81	94.60	6.32	6.38	4.73	2.68	5.8	6.1				
			12:28	4.3	3.3	29.00	29.00	8.09	8.09	32.80	32.80	98.00	6.43	6.38	0.62	2.68	6.3	6.1				
	14/9/2022	Sunny	12:39	4.3	4.0	29.00	29.00	8.13	8.13	32.79	32.78	100.40	6.63	6.68	5.69	5.61	4.0	4.2				
			12:40	5.0	4.0	29.00	29.00	8.13	8.13	32.77	32.77	104.90	6.72	6.68	5.53	5.61	4.3	4.2				
	16/9/2022	Rainy	12:28	4.3	3.3	29.50	29.50	8.11	8.12	32.76	32.75	103.60	6.76	6.80	4.86	4.80	2.3	2.2				
			12:29	4.3	3.3	29.50	29.50	8.12	8.12	32.74	32.74	105.00	6.83	6.80	4.74	4.80	2.1	2.2				
	19/9/2022	Cloudy	9:21	4.0	3.0	29.50	29.50	8.14	8.15	32.32	32.32	106.20	6.88	6.91	1.57	1.59	2.3	2.2				
			9:22	4.0	3.0	29.50	29.50	8.15	8.15	32.32	32.32	107.10	6.94	6.91	1.61	1.59	2.1	2.2				
	21/9/2022	Cloudy	9:31	4.2	3.2	28.80	28.75	8.11	8.12	31.97	31.98	101.10	6.62	6.69	3.61	3.58	9.7	9.6				
			9:32	4.2	3.2	28.70	28.75	8.12	8.12	31.98	31.98	101.20	6.76	6.69	3.54	3.58	9.4	9.6				
	23/9/2022	Cloudy	9:38	4.6	3.6	28.60	28.60	8.11	8.12	32.57	32.59	93.80	6.18	6.24	4.26	4.27	2.3	2.5				
			9:39	4.6	3.6	28.60	28.60	8.13	8.12	32.60	32.60	94.80	6.29	6.24	4.27	4.27	2.6	2.5				
	26/9/2022	Sunny	9:48	4.9	3.9	29.30	29.35	8.02	8.03	32.99	33.01	97.50	6.37	6.36	6.87	6.87	6.9	6.9				
			9:49	4.9	3.9	29.40	29.35	8.04	8.03	33.03	33.01	97.80	6.35	6.36	6.86	6.87	6.8	6.8				
	28/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																			
	30/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																			

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR9 (Bottom) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L				
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	
SR9	31/8/2022	Cloudy	9:41	4.6	3.6	29.40	29.45	8.16	8.16	29.82	29.81	105.00	6.93	6.99	5.74	5.53	4.7	4.9				
			9:42	4.6	3.6	29.50	29.45	8.15	8.16	29.80	29.81	106.10	7.05	6.99	5.32	5.53	5.0	4.9				
	2/9/2022	Sunny	9:24	4.1	3.1	27.60	27.45	8.02	8.02	31.64	31.69	83.70	6.15	6.28	10.13	9.95	7.6	7.5				
			9:25	4.1	3.1	27.30	27.45	8.01	8.02	31.73	31.69	82.30	6.41	6.28	9.76	9.95	7.3	7.5				
	5/9/2022	Sunny	9:32	3.9	2.9	27.70	27.65	8.06	8.06	32.19	32.19	102.10	6.89	6.84	3.72	3.67	7.1	7.2				
			9:33	3.9	2.9	27.60	27.65	8.06	8.06	32.19	32.19	100.74	6.79	6.84	3.61	3.67	7.2	7.2				
	7/9/2022	Sunny	12:55	3.6	2.6	28.40	28.40	8.25	8.25	32.42	32.39	105.40	6.98	6.89	6.16	6.10	4.6	4.7				
			12:56	3.6	2.6	28.40	28.40	8.25	8.25	32.35	32.35	103.40	6.80	6.89	6.03	6.10	4.8	4.7				
	9/9/2022	Sunny	12:18	4.7	3.7	28.70	28.60	8.20	8.21	32.64	32.62	96.40	6.30	6.37	4.00	3.97	2.3	2.4				
			12:19	4.7	3.7	28.50	28.60	8.22	8.21	32.59	32.59	97.80	6.44	6.37	3.93	3.93	2.4	2.4				
	12/9/2022	Sunny	10:02	4.1	3.1	29.00	29.05	7.96	7.97	32.87	32.86	96.00	6.39	6.43	7.19	7.22	6.0	3.0				
			10:03	4.1	3.1	29.10	29.05	7.97	7.97	32.85	32.86	97.00	6.47	6.43	7.25	7.22	-	-				
	14/9/2022	Sunny	9:48	4.7	3.7	29.20	29.20	7.99	8.00	32.77	32.77	101.00	6.74	6.66	6.07	6.03	7.9	7.9				
			9:49	4.7	3.7	29.20	29.20	8.00	8.00	32.76	32.76	100.60	6.58	6.66	5.99	6.03	7.8	7.9				
	16/9/2022	Rainy	9:26	4.1	3.1	29.00	29.00	7.90	7.90	32.78	32.79	84.10	6.40	6.37	9.17	9.15	6.5	6.8				
			9:27	4.1	3.1	29.00	29.00	7.90	7.90	32.79	32.79	84.70	6.33	6.37	9.12	9.15	7.0	6.8				
	19/9/2022	Cloudy	12:27	3.8	2.8	30.00	30.00	8.21	8.22	32.30	32.32	104.50	103.85	6.76	6.72	1.64	1.65	2.5	2.7			
			12:28	3.8	2.8	30.00	30.00	8.22	8.22	32.33	32.33	103.20	103.85	6.67	6.72	1.66	1.65	2.8	2.7			
	21/9/2022	Cloudy	12:26	3.9	2.9	28.10	28.05	8.23	8.23	31.64	31.65	100.90	6.71	6.73	3.75	3.77	6.0	5.8				
			12:27	3.9	2.9	28.00	28.05	8.23	8.23	31.66	31.66	100.40	6.75	6.73	3.79	3.77	5.5	5.8				
	23/9/2022	Cloudy	12:28	4.2	3.2	28.50	28.50	8.21	8.21	32.56	32.58	93.50	6.19	6.24	4.00	4.05	3.3	3.5				
			12:29	4.2	3.2	28.50	28.50	8.21	8.21	32.59	32.58	95.20	6.29	6.24	4.10	4.05	3.6	3.5				
	26/9/2022	Sunny	12:30	4.9	3.9	30.10	30.20	8.14	8.14	33.03	33.04	97.70	6.29	6.31	6.97	6.87	9.9	10.1				
			12:31	4.9	3.9	30.30	30.20	8.14	8.14	33.04	33.04	99.40	6.32	6.31	6.77	6.87	10.3	10.1				
	28/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																			
	30/9/2022	Strong Monsoon Signal	9:23	4.6	3.6	27.40	27.35	7.82	7.83	32.57	32.57	90.90	6.17	6.23	15.58	15.57	11.8	11.9				
			9:24	4.6	3.6	27.30	27.35	7.84	7.83	32.56	32.56	92.20	6.28	6.23	15.56	15.57	12.0	11.9				

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR10 (Middle) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
SR10	31/8/2022	Cloudy	12:17	2.8	1.4	29.60	29.60	8.23	8.23	29.76	29.77	107.50	108.10	7.07	7.03	3.17	3.18	3.8	3.7		
			12:18	2.8	1.4	29.60	29.60	8.23	8.23	29.77	29.77	108.70	108.10	7.11	7.11	3.18	3.18	3.5	3.5		
	2/9/2022	Sunny	12:17	2.6	1.3	27.70	27.75	8.24	8.24	29.91	29.91	100.90	101.60	6.80	6.80	3.91	3.91	4.9	5.0		
			12:18	2.6	1.3	27.80	27.80	8.24	8.24	29.90	29.90	102.30	101.60	6.94	6.87	3.61	3.76	5.1	5.1		
	5/9/2022	Sunny	9:46	2.6	1.3	27.80	27.85	8.09	8.11	32.14	32.14	103.20	101.80	6.88	6.79	2.48	2.34	1.3	1.3		
			9:47	2.6	1.3	27.90	27.90	8.12	8.12	32.13	32.14	100.40	100.40	6.69	6.69	2.20	2.20	1.2	1.2		
	7/9/2022	Sunny	10:26	2.9	1.5	28.50	28.50	8.22	8.22	32.27	32.28	103.60	101.90	6.91	6.80	6.33	6.27	2.4	3.4		
			12:00	2.6	1.3	28.50	28.50	8.21	8.21	32.28	32.28	100.20	100.20	6.69	6.69	6.21	6.21	4.4	4.4		
	9/9/2022	Sunny	10:26	2.9	1.5	27.70	27.80	8.15	8.16	33.68	33.14	99.90	98.15	6.67	6.71	2.87	3.08	1.6	1.6		
			10:27	2.9	1.5	27.90	27.90	8.17	8.17	32.60	32.60	96.40	96.40	6.75	6.75	3.29	3.29	1.6	1.6		
	12/9/2022	Sunny	12:19	2.8	1.4	29.10	29.10	7.99	8.00	32.77	32.80	94.30	96.75	6.63	6.60	4.85	4.86	5.4	5.6		
			12:20	2.8	1.4	29.10	29.10	8.00	8.00	32.82	32.80	99.20	96.75	6.57	6.60	4.87	4.86	5.7	5.7		
	14/9/2022	Sunny	12:20	2.5	1.4	29.00	29.05	8.06	8.07	32.82	32.83	105.50	104.00	6.77	6.84	5.57	5.56	5.3	5.6		
			12:21	2.7	1.4	29.10	29.10	8.07	8.07	32.83	32.83	102.50	104.00	6.90	6.84	5.55	5.56	5.8	5.8		
	16/9/2022	Rainy	12:19	2.5	1.3	28.90	28.90	8.03	8.04	32.77	32.77	97.40	97.85	6.33	6.40	4.73	4.67	2.7	2.9		
			12:20	2.5	1.3	28.90	28.90	8.04	8.04	32.77	32.77	98.30	97.85	6.47	6.40	4.61	4.67	3.0	3.0		
	19/9/2022	Cloudy	9:27	2.5	1.3	28.50	28.65	8.13	8.14	32.48	32.51	101.90	101.95	6.84	6.79	1.49	3.00	1.6	1.6		
			9:28	2.5	1.3	28.80	28.65	8.15	8.14	32.54	32.51	102.00	101.95	6.73	6.79	4.50	3.00	1.5	1.6		
	21/9/2022	Cloudy	9:39	2.8	1.4	27.90	27.90	8.06	8.07	31.59	31.63	97.80	95.30	6.61	6.52	10.34	10.23	10.6	10.5		
			9:40	2.8	1.4	27.90	27.90	8.07	8.07	31.66	31.63	92.80	95.30	6.42	6.52	10.12	10.23	10.3	10.5		
	23/9/2022	Cloudy	9:50	2.8	1.4	28.30	28.40	8.13	8.15	32.58	32.56	95.70	94.75	6.33	6.30	3.83	3.82	1.9	1.8		
			9:51	2.8	1.4	28.50	28.40	8.16	8.15	32.53	32.56	93.80	94.75	6.27	6.30	3.81	3.82	1.7	1.8		
	26/9/2022	Sunny	9:55	2.8	1.4	28.20	28.30	8.07	8.08	33.02	33.01	97.50	97.85	6.44	6.44	5.44	5.47	5.2	5.0		
			9:56	2.8	1.4	28.40	28.30	8.09	8.08	33.00	33.01	98.20	97.85	6.43	6.44	5.50	5.47	4.8	4.8		
	28/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	30/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR10 (Middle) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
SR10	31/8/2022	Cloudy	9:50	2.6	1.3	29.30	29.35	8.16	8.18	29.80	29.79	108.60	108.00	7.12	7.09	2.72	2.71	4.4	4.2		
			9:51	2.6	1.3	29.40	29.40	8.19	8.18	29.78	29.79	107.40	108.00	7.06	7.09	2.69	2.71	4.0	4.0		
	2/9/2022	Sunny	9:33	2.4	1.2	27.50	27.60	8.17	8.19	29.96	29.95	105.60	104.15	7.09	7.04	4.61	4.67	5.6	5.7		
			9:34	2.4	1.2	27.70	27.60	8.20	8.19	29.93	29.95	102.70	104.15	6.99	7.04	4.73	4.67	5.8	5.8		
	5/9/2022	Sunny	9:46	2.6	1.3	27.80	27.85	8.09	8.11	32.14	32.14	103.20	101.80	6.88	6.79	2.48	2.34	4.5	4.7		
			9:47	2.6	1.3	27.90	27.85	8.12	8.11	32.13	32.14	100.40	101.80	6.69	6.79	2.20	2.34	4.8	4.8		
	7/9/2022	Sunny	12:48	2.5	1.3	28.50	28.45	8.22	8.23	30.07	31.06	100.60	103.15	6.75	6.87	5.70	5.59	4.5	5.2		
			12:49	2.5	1.3	28.40	28.45	8.23	8.23	32.04	32.04	105.70	103.15	6.99	6.87	5.48	5.48	5.8	5.8		
	9/9/2022	Sunny	12:28	2.5	1.3	28.00	28.05	8.19	8.20	32.59	32.59	96.50	95.40	6.49	6.41	3.37	3.49	3.1	2.9		
			12:29	2.5	1.3	28.10	28.10	8.20	8.20	32.58	32.59	94.30	95.40	6.33	6.41	3.60	3.49	2.6	2.6		
	12/9/2022	Sunny	10:09	2.7	1.4	29.40	29.35	7.94	7.95	32.86	32.85	98.70	98.90	6.37	6.41	4.93	5.00	4.5	3.8		
			10:10	2.7	1.4	29.30	29.35	7.96	7.95	32.84	32.85	99.10	98.90	6.44	6.41	5.07	5.00	3.1	3.1		
	14/9/2022	Sunny	9:52	2.5	1.3	28.80	28.85	8.02	8.03	32.98	32.90	103.60	102.45	6.76	6.73	5.57	5.58	5.8	5.6		
			9:53	2.5	1.3	28.90	28.85	8.04	8.03	32.82	32.90	101.30	102.45	6.69	6.73	5.59	5.58	5.4	5.4		
	16/9/2022	Rainy	9:38	2.4	1.2	29.00	29.00	7.97	7.99	32.70	32.72	96.10	95.05	6.36	6.34	4.37	4.34	1.1	1.3		
			9:39	2.4	1.2	29.00	29.00	8.00	7.99	32.74	32.72	94.00	95.05	6.31	6.34	4.31	4.34	1.4	1.4		
	19/9/2022	Cloudy	12:20	2.4	1.2	28.90	28.90	8.17	8.17	32.54	32.55	103.40	100.20	6.83	6.65	1.33	1.30	1.6	1.7		
			12:21	2.4	1.2	28.90	28.90	8.17	8.17	32.55	32.55	97.00	100.20	6.47	6.65	1.26	1.30	1.8	1.8		
	21/9/2022	Cloudy	12:20	2.6	1.3	27.90	27.95	8.07	8.07	31.65	31.64	91.20	91.40	6.22	6.18	10.74	10.18	11.7	11.5		
			12:21	2.6	1.3	28.00	27.95	8.07	8.07	31.63	31.63	91.60	91.40	6.13	6.18	9.62	10.18	11.3	11.3		
	23/9/2022	Cloudy	12:21	2.6	1.3	28.70	28.70	8.18	8.18	32.50	32.51	96.90	95.20	6.39	6.28	4.31	4.34	1.7	1.8		
			12:22	2.6	1.3	28.70	28.70	8.18	8.18	32.52	32.51	93.50	95.20	6.17	6.28	4.37	4.34	1.8	1.8		
	26/9/2022	Sunny	12:22	2.8	1.4	28.50	28.55	8.11	8.12	33.03	33.04	97.50	98.25	6.51	6.50	5.85	5.93	5.3	5.2		
			12:23	2.8	1.4	28.60	28.55	8.12	8.12	33.04	33.04	99.00	98.25	6.48	6.50	6.01	5.93	5.0	5.0		
	28/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	30/9/2022	Strong Monsoon Signal	9:36	2.5	1.3	26.70	26.75	7.86	7.87	32.05	32.09	89.40	90.35	6.18	6.23	11.66	11.60	6.3	6.5		
			9:37	2.5	1.3	26.80	26.75	7.88	7.87	32.12	32.12	91.30	90.35	6.28	6.23	11.53	11.60	6.7	6.7		

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR12 (Middle) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
SR12	31/8/2022	Cloudy	12:13	2.6	1.3	29.50	29.55	8.24	8.24	29.79	29.78	108.70	107.95	7.14	7.10	3.44	3.52	4.1	4.2		
			12:14	2.6	1.3	29.60	29.60	8.24	8.24	29.76	29.76	107.20	107.95	7.05	7.05	3.59	3.59	4.2	4.2		
	2/9/2022	Sunny	12:13	2.6	1.3	27.60	27.60	8.24	8.25	29.97	29.94	104.00	102.50	7.03	6.96	4.31	4.30	5.4	5.4		
			12:14	2.6	1.3	27.60	27.60	8.25	8.25	29.91	29.91	101.00	102.50	6.98	6.96	4.28	4.30	5.4	5.4		
	5/9/2022	Sunny	9:52	2.5	1.3	27.90	27.85	8.13	8.14	32.15	32.16	106.10	104.00	7.07	6.96	2.31	2.25	1.4	1.5		
			9:53	2.5	1.3	27.80	27.80	8.14	8.14	32.17	32.16	101.90	104.00	6.84	6.96	2.19	2.19	1.5	1.5		
	7/9/2022	Sunny	10:32	2.9	1.5	28.50	28.25	8.23	8.23	32.29	32.29	102.90	103.15	6.90	6.91	6.17	6.08	3.9	4.4		
			12:05	2.5	1.3	28.00	28.00	8.23	8.23	32.29	32.29	103.40	103.15	6.91	6.91	5.99	6.08	4.8	4.4		
	9/9/2022	Sunny	10:32	2.9	1.5	27.80	27.80	8.18	8.19	32.60	32.59	96.90	97.15	6.48	6.52	2.85	2.92	1.9	1.9		
			10:33	2.9	1.5	27.80	27.80	8.19	8.19	32.58	32.58	97.40	97.15	6.56	6.52	2.99	2.92	1.8	1.9		
	12/9/2022	Sunny	12:16	2.8	1.4	29.20	29.20	8.00	8.00	32.84	32.84	101.10	99.70	6.69	6.63	4.61	4.61	7.0	7.2		
			12:17	2.8	1.4	29.20	29.20	8.00	8.00	32.84	32.84	98.30	99.70	6.57	6.63	4.60	4.61	7.4	7.2		
	14/9/2022	Sunny	12:17	2.6	1.4	28.80	28.85	8.07	8.07	32.86	32.85	103.20	103.40	6.77	6.84	5.91	5.86	4.3	4.6		
			12:18	2.7	1.4	28.90	28.85	8.07	8.07	32.84	32.85	103.60	103.40	6.90	6.84	5.81	5.86	4.9	4.6		
	16/9/2022	Rainy	12:15	2.6	1.3	28.90	28.90	8.04	8.05	32.75	32.75	96.80	97.25	6.37	6.42	4.25	4.22	3.4	3.2		
			12:16	2.6	1.3	28.90	28.90	8.05	8.05	32.77	32.77	97.70	97.25	6.47	6.42	4.18	4.22	2.9	3.2		
	19/9/2022	Cloudy	9:34	2.6	1.3	28.80	28.80	8.16	8.16	32.61	32.60	103.00	102.35	6.68	6.72	1.19	1.23	2.3	2.2		
			9:35	2.6	1.3	28.80	28.80	8.16	8.16	32.58	32.60	101.70	102.35	6.75	6.72	1.26	1.23	2.1	2.2		
	21/9/2022	Cloudy	9:48	2.7	1.4	28.10	28.00	8.07	8.07	31.65	31.65	88.80	90.15	6.25	6.20	10.14	10.06	11.5	11.7		
			9:49	2.7	1.4	27.90	28.00	8.07	8.07	31.65	31.65	91.50	90.15	6.14	6.20	9.98	10.06	11.8	11.7		
	23/9/2022	Cloudy	9:55	2.7	1.4	28.50	28.55	8.17	8.18	32.53	32.53	93.20	93.05	6.23	6.17	3.74	3.68	2.6	2.5		
			9:56	2.7	1.4	28.60	28.55	8.18	8.18	32.52	32.53	92.90	93.05	6.11	6.17	3.62	3.68	2.4	2.5		
	26/9/2022	Sunny	10:03	2.7	1.4	28.40	28.40	8.10	8.11	33.04	33.04	97.60	97.30	6.40	6.38	5.83	5.81	7.9	7.7		
			10:04	2.7	1.4	28.40	28.40	8.11	8.11	33.04	33.04	97.00	97.30	6.36	6.38	5.78	5.81	7.5	7.7		
28/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																			
30/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																			

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR12 (Middle) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
SR12	31/8/2022	Cloudy	9:55	2.5	1.3	29.40	29.45	8.21	8.22	29.78	29.78	106.00	105.50	6.94	6.92	3.59	3.67	5.4	5.2		
			9:56	2.5	1.3	29.50	29.45	8.22	8.22	29.77	29.78	105.00	105.50	6.89	6.92	3.74	3.67	5.0	5.2		
	2/9/2022	Sunny	9:41	2.5	1.3	27.80	28.30	8.22	8.22	29.93	29.96	99.70	100.75	6.76	6.84	4.61	4.63	4.2	4.3		
			9:42	2.5	1.3	28.80	28.30	8.22	8.22	29.99	29.96	101.80	100.75	6.92	6.84	4.64	4.63	4.4	4.3		
	5/9/2022	Sunny	9:52	2.5	1.3	27.90	27.85	8.13	8.14	32.15	32.16	106.10	104.00	7.07	6.96	2.31	2.25	4.0	4.2		
			9:53	2.5	1.3	27.80	27.85	8.14	8.14	32.17	32.16	101.90	104.00	6.84	6.96	2.19	2.25	4.3	4.2		
	7/9/2022	Sunny	12:44	2.4	1.2	28.60	28.60	8.20	8.21	31.83	31.86	105.60	103.95	6.97	6.90	5.81	5.71	4.7	4.9		
			12:45	2.4	1.2	28.60	28.60	8.22	8.21	31.88	31.86	102.30	103.95	6.83	6.90	5.60	5.71	5.1	4.9		
	9/9/2022	Sunny	12:15	2.6	1.3	27.70	27.75	8.20	8.20	32.62	32.61	93.90	94.70	6.26	6.30	4.14	3.66	3.9	3.7		
			12:16	2.6	1.3	27.80	27.75	8.20	8.20	32.59	32.61	95.50	94.70	6.34	6.30	3.18	3.66	3.5	3.7		
	12/9/2022	Sunny	10:14	2.7	1.4	29.10	29.10	7.98	7.98	32.86	32.85	97.00	96.25	6.37	6.32	4.41	4.40	5.0	4.2		
			10:15	2.7	1.4	29.10	29.10	7.98	7.98	32.84	32.85	95.50	96.25	6.26	6.32	4.38	4.40	3.4	4.2		
	14/9/2022	Sunny	9:57	2.6	1.3	28.90	28.90	8.05	8.06	32.84	32.84	105.30	104.05	6.99	6.89	5.84	5.97	7.0	6.8		
			9:58	2.6	1.3	28.90	28.90	8.06	8.06	32.83	32.84	102.80	104.05	6.79	6.89	6.10	5.97	6.6	6.8		
	16/9/2022	Rainy	9:45	2.5	1.3	29.00	29.00	8.02	8.02	32.77	32.77	96.10	95.80	6.36	6.32	4.96	4.91	1.2	1.3		
			9:46	2.5	1.3	29.00	29.00	8.02	8.02	32.77	32.77	95.50	95.80	6.28	6.32	4.85	4.91	1.4	1.3		
	19/9/2022	Cloudy	12:16	2.5	1.3	28.70	28.70	8.17	8.17	32.59	32.58	101.40	101.55	6.64	6.70	1.19	1.24	<1.0	1.0		
			12:17	2.5	1.3	28.70	28.70	8.17	8.17	32.57	32.58	101.70	101.55	6.75	6.70	1.28	1.24	<1.0	1.0		
	21/9/2022	Cloudy	12:16	2.5	1.3	27.20	27.45	8.07	8.07	31.66	31.66	90.20	90.60	6.09	6.12	9.86	9.80	10.0	10.2		
			12:17	2.5	1.3	27.70	27.45	8.07	8.07	31.65	31.66	91.00	90.60	6.15	6.12	9.74	9.80	10.4	10.2		
	23/9/2022	Cloudy	12:17	2.5	1.3	28.60	28.65	8.19	8.19	32.55	32.54	94.70	94.55	6.38	6.33	3.43	3.53	2.3	2.3		
			12:18	2.5	1.3	28.70	28.65	8.19	8.19	32.53	32.54	94.40	94.55	6.27	6.33	3.63	3.53	2.2	2.3		
	26/9/2022	Sunny	12:18	2.7	1.4	28.30	28.30	8.12	8.12	33.06	33.04	97.00	96.75	6.43	6.40	5.03	4.99	7.3	7.5		
			12:19	2.7	1.4	28.30	28.30	8.12	8.12	33.02	33.04	96.50	96.75	6.37	6.40	4.95	4.99	7.7	7.5		
28/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																			
30/9/2022	Strong Monsoon Signal	9:45	2.4	1.2	26.80	26.80	7.88	7.89	32.09	32.11	91.70	90.95	6.25	6.24	11.30	11.40	6.6	6.8			
		9:46	2.4	1.2	26.80	26.80	7.89	7.89	32.13	32.13	90.20	90.95	6.23	6.24	11.50	11.40	7.0	6.8			

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR15 (Middle) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
SR15	31/8/2022	Cloudy	13:02	2.7	1.4	30.30	30.25	8.36	8.36	29.71	29.72	111.90	113.20	7.23	7.29	2.81	2.67	5.3	5.6	5.5	
			13:03	2.7	1.4	30.20															8.35
	2/9/2022	Sunny	13:02	2.6	1.3	28.80	28.80	8.26	8.26	30.24	30.23	104.90	102.70	6.92	6.78	6.17	6.20	6.17	6.23	8.8	9.0
			13:03	2.6	1.3	28.80															
	5/9/2022	Sunny	8:45	2.7	1.4	27.30	27.40	7.91	7.94	32.02	32.04	106.50	105.90	7.16	7.11	2.47	2.58	2.47	2.58	2.5	2.5
			8:46	2.7	1.4	27.50															
	7/9/2022	Sunny	11:15	2.6	1.3	28.30	28.30	8.10	8.11	32.11	32.12	107.60	104.60	7.18	6.94	6.29	6.41	6.29	6.41	6.1	6.4
			11:16	2.6	1.3	28.30															
	9/9/2022	Sunny	8:55	2.8	1.4	27.70	27.80	7.92	7.94	32.46	32.52	101.70	98.55	6.87	6.69	6.03	5.92	6.03	5.92	3.2	3.0
			8:56	2.8	1.4	27.90															
	12/9/2022	Sunny	13:02	2.7	1.4	29.60	29.60	8.10	8.10	32.81	32.80	99.30	100.95	6.48	6.63	4.42	4.40	4.42	4.40	4.3	5.0
			13:03	2.7	1.4	29.60															
	14/9/2022	Sunny	13:01	2.7	1.4	29.40	29.45	8.16	8.17	32.81	32.80	104.60	103.65	6.79	6.73	4.73	4.79	4.73	4.79	2.8	3.1
			13:02	2.7	1.4	29.50															
	16/9/2022	Rainy	13:05	2.7	1.4	30.20	30.30	8.23	8.23	32.74	32.75	109.90	108.45	7.01	6.92	5.80	5.86	5.80	5.86	4.3	4.3
			13:06	2.7	1.4	30.40															
	19/9/2022	Cloudy	8:33	2.5	1.3	29.10	29.10	7.94	7.97	31.94	31.96	104.20	104.90	6.90	6.91	1.80	1.80	1.80	1.80	2.2	2.3
			8:34	2.5	1.3	29.10															
	21/9/2022	Cloudy	8:42	2.7	1.4	28.40	28.55	7.93	7.95	31.77	31.69	103.20	101.45	6.87	6.76	2.21	2.17	2.21	2.17	5.5	5.8
			8:43	2.7	1.4	28.70															
	23/9/2022	Cloudy	8:53	2.8	1.4	28.60	28.65	7.88	7.91	32.67	32.67	95.40	95.35	6.54	6.47	5.42	5.37	5.42	5.37	4.8	4.6
			8:54	2.8	1.4	28.70															
	26/9/2022	Sunny	9:01	2.5	1.3	28.20	28.20	7.73	7.75	32.88	32.93	95.50	93.90	6.43	6.37	9.03	8.96	9.03	8.96	8.6	8.5
			9:02	2.5	1.3	28.20															
	28/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	30/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR15 (Middle) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG		
SR15	31/8/2022	Cloudy	8:54	2.5	1.3	29.40	29.45	7.83	7.87	29.81	29.79	104.50	104.65	6.85	6.88	5.43	5.39	5.43	5.39	4.4	4.6
			8:55	2.5	1.3	29.50															
	2/9/2022	Sunny	8:24	2.4	1.2	28.30	28.40	8.15	8.17	29.97	29.97	109.20	109.45	7.19	7.20	4.37	4.19	4.37	4.19	3.4	2.8
			8:25	2.4	1.2	28.50															
	5/9/2022	Sunny	8:45	2.7	1.4	27.30	27.40	7.91	7.94	32.02	32.04	106.50	105.90	7.16	7.11	2.47	2.58	2.47	2.58	5.6	5.8
			8:46	2.7	1.4	27.50															
	7/9/2022	Sunny	13:44	2.5	1.3	28.40	28.40	8.27	8.27	32.18	32.19	106.60	104.95	7.01	6.90	9.11	8.96	9.11	8.96	7.6	8.0
			13:45	2.5	1.3	28.40															
	9/9/2022	Sunny	13:03	2.6	1.3	28.40	28.35	8.21	8.21	32.65	32.66	101.40	98.40	6.70	6.62	5.43	5.32	5.43	5.32	5.8	6.0
			13:04	2.6	1.3	28.30															
	12/9/2022	Sunny	9:19	2.5	1.3	28.60	28.65	7.77	7.79	32.81	32.83	92.80	94.80	6.22	6.28	7.37	7.30	7.37	7.30	6.8	4.7
			9:20	2.5	1.3	28.70															
	14/9/2022	Sunny	9:00	2.5	1.3	28.40	28.50	7.75	7.78	32.80	32.77	101.10	99.35	6.72	6.55	5.44	5.43	5.44	5.43	5.4	5.2
			9:01	2.5	1.3	28.60															
	16/9/2022	Rainy	8:39	2.4	1.2	29.30	29.35	7.82	7.86	32.69	32.70	105.30	105.04	6.89	6.87	5.59	5.58	5.59	5.58	3.4	3.3
			8:40	2.4	1.2	29.40															
	19/9/2022	Cloudy	13:03	2.3	1.2	30.10	30.15	8.27	8.27	31.52	31.52	102.70	102.95	6.57	6.61	1.83	1.79	1.83	1.79	1.3	1.3
			13:04	2.3	1.2	30.20															
	21/9/2022	Cloudy	12:58	2.4	1.2	28.70	28.70	8.24	8.24	31.89	31.89	102.00	100.70	6.75	6.66	2.87	2.91	2.87	2.91	3.3	3.5
			12:59	2.4	1.2	28.70															
	23/9/2022	Cloudy	12:59	2.5	1.3	29.40	29.35	8.13	8.13	32.60	32.61	94.10	92.65	6.19	6.10	5.87	5.95	5.87	5.95	3.8	3.9
			13:00	2.5	1.3	29.30															
	26/9/2022	Sunny	13:02	2.4	1.2	28.80	28.80	8.10	8.10	32.94	32.94	95.00	95.15	6.34	6.30	8.14	8.11	8.14	8.11	8.7	9.0
			13:03	2.4	1.2	28.80															
	28/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	30/9/2022	Strong Monsoon Signal	8:35	2.6	1.3	27.40	27.40	7.65	7.66	32.76	35.27	87.90	87.60	6.05	6.08	13.25	13.24	13.25	13.24	8.8	8.6
			8:36	2.6	1.3	27.40															

General Note: For calculation of



Impact Water Quality Monitoring at Station CE (surface) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
CE	31/8/2022	Cloudy	12:01	8.7	1.0	29.30	29.40	8.15	8.16	29.64	29.64	111.90	108.90	7.27	7.15	3.40	3.35	5.0	5.2		
			12:02	8.7	1.0	29.50		8.17		29.64		106.80		7.02		3.29		5.4			
	2/9/2022	Sunny	12:01	8.3	1.0	28.60	28.70	8.23	8.26	30.04	30.08	109.90	109.30	7.22	7.21	4.73	4.43	5.4	5.3		
			12:02	8.3	1.0	28.80		8.28		30.11		108.70		7.19		4.12		5.1			
	5/9/2022	Sunny	10:02	8.6	1.0	27.40	27.45	8.19	8.19	32.15	32.17	106.20	105.65	7.18	7.13	2.48	2.48	1.8	1.8		
			10:03	8.6	1.0	27.50		8.19		32.19		105.10		7.08		2.47		1.8			
	7/9/2022	Sunny	12:14	8.7	1.0	28.30	28.35	8.22	8.23	32.39	32.42	100.50	101.65	7.01	6.97	4.90	4.93	5.9	5.1		
			12:15	8.7	1.0	28.40		8.23		32.45		102.80		6.92		4.96		4.2			
	9/9/2022	Sunny	10:44	8.7	1.0	28.20	28.15	8.21	8.21	32.57	32.60	96.90	98.55	6.60	6.67	4.36	4.31	4.4	4.5		
			10:44	8.7	1.0	28.20		8.21		32.62		100.20		6.74		4.25		4.6			
	12/9/2022	Sunny	12:01	2.8	1.0	29.30	29.30	8.05	8.06	32.88	32.87	101.20	102.45	6.62	6.73	0.62	2.50	4.3	4.0		
			12:02	2.8	1.0	29.30		8.07		32.86		103.70		6.84		4.37		3.7			
	14/9/2022	Sunny	12:01	8.8	1.0	29.10	29.15	8.03	8.05	32.73	32.74	104.40	102.35	6.85	6.70	6.53	6.52	4.4	4.2		
			12:02	8.8	1.0	29.20		8.07		32.74		100.30		6.84		6.51		4.0			
	16/9/2022	Rainy	12:01	8.8	1.0	29.50	29.50	8.08	8.09	32.79	32.79	111.30	110.25	7.12	7.10	2.47	2.47	1.2	1.3		
			12:02	8.8	1.0	29.50		8.11		32.79		109.20		7.08		2.46		1.3			
	19/9/2022	Cloudy	9:45	8.4	1.0	29.40	29.50	8.19	8.20	32.42	32.44	104.70	105.05	6.91	6.88	1.74	1.71	3.5	3.6		
			9:46	8.4	1.0	29.60		8.20		32.45		105.40		6.85		1.68		3.6			
	21/9/2022	Cloudy	10:01	8.7	1.0	27.80	27.85	8.19	8.20	31.61	31.65	102.30	104.70	6.98	7.00	3.13	3.14	2.7	2.9		
			10:02	8.7	1.0	27.90		8.21		31.68		107.10		7.01		3.16		3.0			
	23/9/2022	Cloudy	10:02	8.7	1.0	28.60	28.70	8.20	8.20	32.81	32.83	98.60	98.10	6.58	6.51	4.73	4.73	3.0	2.9		
			0:00	8.7	1.0	28.80		8.20		32.85		97.60		6.43		4.72		2.8			
	26/9/2022	Sunny	10:16	8.8	1.0	28.10	28.15	8.17	8.17	33.06	33.05	100.00	100.25	6.61	6.66	5.69	5.63	5.0	4.9		
			10:17	8.8	1.0	28.20		8.17		33.04		100.50		6.70		5.57		4.8			
	28/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	30/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station CE (surface) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
CE	31/8/2022	Cloudy	10:07	8.6	1.0	29.40	29.40	8.22	8.22	29.78	29.78	109.60	108.50	7.20	7.09	3.43	3.51	3.7	3.6		
			10:08	8.6	1.0	29.40		8.21		29.77		107.40		6.97		3.59		3.5			
	2/9/2022	Sunny	9:51	8.1	1.0	28.40	28.40	8.25	8.25	30.21	30.26	105.30	104.60	7.06	7.00	3.99	3.91	2.1	2.2		
			0:00	8.1	1.0	28.40		8.25		30.30		103.90		6.93		3.83		2.2			
	5/9/2022	Sunny	10:02	8.6	1.0	27.40	27.45	8.19	8.19	32.15	32.17	106.20	105.65	7.18	7.13	2.48	2.48	4.0	3.9		
			10:03	8.6	1.0	27.50		8.19		32.19		105.10		7.08		2.47		3.7			
	7/9/2022	Sunny	12:30	8.6	1.0	28.10	28.10	8.25	8.25	32.48	32.47	105.70	105.95	7.05	7.06	4.37	4.32	5.5	5.4		
			12:31	8.6	1.0	28.10		8.25		32.45		106.20		7.06		4.26		5.3			
	9/9/2022	Sunny	12:01	8.5	1.0	28.10	28.30	8.16	8.17	32.66	32.71	100.40	100.60	6.65	6.70	5.45	5.46	5.4	5.6		
			12:02	8.5	1.0	28.50		8.18		32.75		100.80		6.75		5.47		5.8			
	12/9/2022	Sunny	10:36	8.7	1.0	29.40	29.35	8.01	8.03	32.88	32.88	100.30	102.25	6.70	6.76	4.42	4.41	3.6	3.2		
			10:37	8.7	1.0	29.30		8.05		32.88		104.20		6.82		4.40		2.8			
	14/9/2022	Sunny	10:09	8.5	1.0	28.90	28.95	8.09	8.10	32.65	32.70	104.30	103.70	6.84	6.82	6.99	6.93	7.8	7.9		
			10:10	8.5	1.0	29.00		8.10		32.75		103.10		6.79		6.86		8.0			
	16/9/2022	Rainy	10:06	8.6	1.0	29.40	29.45	8.07	8.09	32.75	32.77	107.00	106.35	6.97	6.92	2.94	2.84	1.1	1.1		
			10:07	8.6	1.0	29.50		8.11		32.78		105.70		6.86		2.74		1.1			
	19/9/2022	Cloudy	12:01	8.2	1.0	29.90	29.95	8.10	8.13	32.39	32.40	103.30	104.90	6.68	6.75	1.64	1.72	<1.0	1.0		
			12:02	8.2	1.0	30.00		8.15		32.40		106.50		6.81		1.79		<1.0			
	21/9/2022	Cloudy	12:01	8.5	1.0	27.10	27.15	8.23	8.24	31.74	31.71	104.20	104.90	6.99	7.04	3.79	3.62	2.6	2.9		
			12:02	8.5	1.0	27.20		8.24		31.67		105.60		7.08		3.44		3.1			
	23/9/2022	Cloudy	12:01	8.5	1.0	28.70	28.75	8.20	8.20	32.67	32.68	98.50	99.85	6.57	6.58	4.61	4.54	3.5	3.4		
			12:02	8.5	1.0	28.80		8.20		32.69		101.20		6.59		4.47		3.2			
	26/9/2022	Sunny	12:01	8.8	1.0	28.40	28.50	8.14	8.15	33.01	33.01	100.20	100.85	6.55	6.62	5.81	5.76	5.1	5.3		
			12:02	8.8	1.0	28.60		8.15		33.00		101.50		6.69		5.70		5.5			
	28/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	30/9/2022	Strong Monsoon Signal	9:56	8.6	1.0	27.40	27.30	7.92	7.93	32.83	32.83	90.60	89.40	6.21	6.12	10.37	10.33	8.1	9.0		
			9:57	8.6	1.0	27.20		7.93		32.83		88.20		6.03		10.29		8.8			

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station CE (Middle) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						°C															
CE	31/8/2022	Cloudy	12:05	8.7	4.4	29.60	29.65	8.17	8.18	29.67	29.66	105.40	107.60	6.99	7.11	3.93	3.93	4.6	4.7		
			12:06	8.7	4.4	29.70		8.18		29.65		109.80		7.22		3.93		4.5			
	2/9/2022	Sunny	12:05	8.3	4.2	28.80	28.80	8.29	8.30	30.14	30.14	107.90	107.15	7.17	7.13	4.50	4.18	4.5	4.6		
			12:06	8.3	4.2	28.80		8.30		30.13		106.40		7.08		3.86		4.4			
	5/9/2022	Sunny	10:06	8.6	4.3	27.40	27.40	8.19	8.20	32.22	32.22	102.40	101.40	6.84	6.82	2.61	2.66	3.2	3.1		
			10:07	8.6	4.3	27.40		8.20		32.21		100.40		6.79		2.71		2.9			
	7/9/2022	Sunny	12:18	8.7	4.4	28.30	28.30	8.24	8.24	32.51	32.50	100.10	101.80	6.66	6.75	10.23	10.22	6.2	6.1		
			12:19	8.7	4.4	28.30		8.24		32.49		103.50		6.84		10.21		6.0			
	9/9/2022	Sunny	10:47	8.7	4.4	28.10	28.10	8.20	8.21	32.73	32.71	96.20	96.65	6.55	6.58	5.58	5.54	6.5	6.4		
			10:48	8.7	4.4	28.10		8.21		32.68		97.10		6.61		5.50		6.2			
	12/9/2022	Sunny	12:02	2.8	1.4	29.10	29.05	8.09	8.10	32.88	32.88	102.10	102.80	6.75	6.80	4.38	4.21	4.4	3.5		
			12:03	2.8	1.4	29.00		8.11		32.88		103.50		6.85		4.04		2.6			
	14/9/2022	Sunny	12:05	8.8	4.4	29.10	29.10	8.09	8.10	32.75	32.76	102.90	101.30	6.75	6.63	6.41	6.40	4.8	4.9		
			12:06	8.8	4.4	29.10		8.10		32.76		99.70		6.51		6.38		5.0			
	16/9/2022	Rainy	12:05	8.8	4.4	29.30	29.30	8.11	8.12	32.82	32.82	108.20	107.15	7.09	7.04	3.99	4.03	2.2	2.3		
			12:06	8.8	4.4	29.30		8.12		32.81		106.10		6.99		4.06		2.4			
	19/9/2022	Cloudy	9:49	8.4	4.2	29.60	29.55	8.20	8.21	32.47	32.50	106.10	105.10	6.77	6.82	1.19	1.17	3.3	3.2		
			9:50	8.4	4.2	29.50		8.21		32.52		104.10		6.66		1.15		3.1			
	21/9/2022	Cloudy	10:05	8.7	4.4	28.00	27.90	8.21	8.22	31.66	31.67	101.90	99.70	6.77	6.62	3.26	3.28	3.8	3.7		
			10:06	8.7	4.4	27.80		8.22		31.68		97.50		6.47		3.29		3.6			
	23/9/2022	Cloudy	10:06	8.7	4.4	28.70	28.70	8.20	8.20	33.02	33.02	95.60	95.55	6.38	6.32	4.96	4.95	3.4	3.6		
			10:07	8.7	4.4	28.70		8.20		33.01		95.50		6.26		4.93		3.7			
	26/9/2022	Sunny	10:20	8.8	4.4	28.10	28.10	8.17	8.17	33.05	33.05	97.80	97.90	6.54	6.52	4.38	4.41	4.3	4.2		
			10:21	8.8	4.4	28.10		8.17		33.04		98.00		6.49		4.44		4.0			
	28/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	30/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station CE (Middle) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG		
						°C															
CE	31/8/2022	Cloudy	10:11	8.6	4.3	29.00	29.00	8.19	8.19	30.14	30.14	106.30	105.90	7.05	7.02	3.98	3.95	3.2	3.2		
			10:12	8.6	4.3	29.00		8.19		30.13		105.50		6.99		3.92		3.0			
	2/9/2022	Sunny	9:55	8.1	4.1	28.30	28.35	8.25	8.25	30.25	30.27	105.30	102.85	7.04	6.91	3.80	3.94	2.8	2.7		
			9:56	8.1	4.1	28.40		8.24		30.29		100.40		6.78		4.08		2.6			
	5/9/2022	Sunny	10:06	8.6	4.3	27.40	27.40	8.19	8.20	2.22	17.22	102.40	101.40	6.84	6.82	2.61	2.66	4.6	4.4		
			10:07	8.6	4.3	27.40		8.20		32.21		100.40		6.79		2.71		4.2			
	7/9/2022	Sunny	12:34	8.6	4.3	28.00	28.00	8.26	8.26	32.52	32.51	104.20	104.95	6.97	6.99	9.73	9.67	7.4	7.1		
			12:35	8.6	4.3	28.00		8.26		32.50		105.70		7.01		9.60		6.8			
	9/9/2022	Sunny	12:05	8.5	4.3	28.10	28.10	8.19	8.20	32.81	32.79	104.30	101.50	6.95	6.79	5.91	5.61	7.8	7.6		
			12:06	8.5	4.3	28.10		8.20		32.77		98.70		6.63		5.31		7.3			
	12/9/2022	Sunny	10:40	8.7	4.4	29.20	29.20	8.06	8.07	32.87	32.87	102.20	101.10	6.66	6.59	4.95	4.90	4.5	4.3		
			10:41	8.7	4.4	29.20		8.07		32.87		100.00		6.51		4.85		4.0			
	14/9/2022	Sunny	10:13	8.5	4.3	28.90	28.85	8.09	8.08	32.74	32.78	102.60	100.90	6.82	6.76	7.80	7.75	8.4	8.6		
			10:14	8.5	4.3	28.80		8.07		32.82		99.20		6.69		7.70		8.8			
	16/9/2022	Rainy	10:10	8.6	4.3	29.30	29.25	8.12	8.12	32.79	32.78	102.50	102.80	6.66	6.72	3.73	3.67	1.8	1.7		
			10:11	8.6	4.3	29.20		8.12		32.76		103.10		6.77		3.61		1.6			
	19/9/2022	Cloudy	12:05	8.2	4.1	29.90	29.90	8.17	8.18	32.45	32.46	106.50	105.40	6.69	6.82	1.28	1.32	1.4	1.4		
			12:06	8.2	4.1	29.90		8.19		32.46		104.30		6.75		1.36		1.3			
	21/9/2022	Cloudy	12:05	8.5	4.3	27.40	27.30	8.24	8.26	31.64	31.66	100.40	99.95	6.86	6.80	3.09	3.43	2.3	2.4		
			12:06	8.5	4.3	27.20		8.28		31.68		99.50		6.74		3.77		2.5			
	23/9/2022	Cloudy	12:05	8.5	4.3	28.60	28.60	8.18	8.19	32.04	32.04	93.90	93.55	6.25	6.21	8.25	8.34	6.2	6.4		
			12:06	8.5	4.3	28.60		8.19		32.03		93.20		6.17		8.43		6.6			
	26/9/2022	Sunny	12:05	8.8	4.4	28.40	28.40	8.16	8.16	33.07	33.05	97.70	98.05	6.50	6.49	4.48	4.54	6.1	6.4		
			12:06	8.8	4.4	28.40		8.16		33.03		98.40		6.47		4.60		6.6			
	28/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	30/9/2022	Strong Monsoon Signal	10:00	8.6	4.3	27.30	27.30	7.93	7.93	32.95	32.96	88.30	88.45	6.06	6.08	11.74	11.71	6.5	6.7		
			10:01	8.6	4.3	27.30		7.93		32.96		88.60		6.10		11.68		6.9			

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station CE (Bottom) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
CE	31/8/2022	Cloudy	12:08	8.7	7.7	30.00	30.10	8.18	8.19	29.90	29.93	109.50	106.65	7.14	6.94	3.17	3.23	4.0	4.2		
			12:09	8.7	7.7	30.20	30.10	8.19	8.19	29.96	29.93	101.80	106.65	6.74	6.94	3.29	3.23	4.3	4.2		
	2/9/2022	Sunny	12:08	8.3	7.3	28.60	28.55	8.29	8.29	30.30	30.32	105.40	103.20	6.97	6.91	3.93	3.82	3.7	3.6		
			12:09	8.3	7.3	28.50	28.55	8.28	8.29	30.33	30.32	101.00	103.20	6.85	6.91	3.71	3.82	3.5	3.6		
	5/9/2022	Sunny	10:09	8.6	7.6	27.30	27.30	8.18	8.17	32.31	32.34	101.80	101.30	6.89	6.88	3.27	3.16	3.8	3.9		
			10:10	8.6	7.6	27.30	27.30	8.16	8.17	32.36	32.34	100.80	101.30	6.86	6.88	3.05	3.16	4.0	3.9		
	7/9/2022	Sunny	12:21	8.7	7.7	28.30	28.20	8.23	8.24	32.54	32.53	102.60	103.65	6.83	6.91	7.34	7.37	10.0	9.8		
			12:22	8.7	7.7	28.10	28.20	8.24	8.24	32.51	32.53	104.70	103.65	6.99	6.91	7.40	7.37	9.6	9.8		
	9/9/2022	Sunny	10:50	8.7	7.7	28.00	28.00	8.17	8.17	32.81	32.80	96.80	95.05	6.57	6.46	9.83	9.85	9.6	9.5		
			10:51	8.7	7.7	28.00	28.00	8.17	8.17	32.79	32.80	93.30	95.05	6.34	6.46	9.86	9.85	9.3	9.5		
	12/9/2022	Sunny	12:02	2.8	1.8	28.90	28.90	8.11	8.12	32.87	32.87	101.60	102.00	6.73	6.74	4.61	4.57	5.3	5.4		
			12:03	2.8	1.8	28.90	28.90	8.12	8.12	32.87	32.87	102.40	102.00	6.74	6.74	4.53	4.57	5.5	5.4		
	14/9/2022	Sunny	12:08	8.8	7.8	29.00	29.00	8.09	8.09	32.79	32.78	97.40	98.60	6.37	6.43	7.48	7.38	5.6	5.5		
			12:09	8.8	7.8	29.00	29.00	8.09	8.09	32.77	32.78	99.80	98.60	6.48	6.43	7.28	7.38	5.3	5.5		
	16/9/2022	Rainy	12:08	8.8	7.8	29.00	29.05	8.08	8.08	32.94	32.92	99.30	98.35	6.64	6.59	6.23	6.11	2.7	2.6		
			12:09	8.8	7.8	29.10	29.05	8.08	8.08	32.90	32.92	97.40	98.35	6.53	6.59	5.98	6.11	2.4	2.6		
	19/9/2022	Cloudy	9:52	8.4	7.4	29.50	29.45	8.16	8.16	32.79	32.78	102.10	102.05	6.72	6.69	2.22	2.22	2.6	2.7		
			9:53	8.4	7.4	29.40	29.45	8.15	8.16	32.76	32.78	102.00	102.05	6.66	6.69	2.21	2.22	2.5	2.7		
	21/9/2022	Cloudy	10:08	8.7	7.7	27.20	27.50	8.22	8.22	31.66	31.66	96.20	96.90	6.42	6.48	2.47	2.48	4.8	4.6		
			10:09	8.7	7.7	27.80	27.50	8.22	8.22	31.66	31.66	97.60	96.90	6.53	6.48	2.48	2.48	4.3	4.6		
	23/9/2022	Cloudy	10:09	8.7	7.7	28.60	28.60	8.20	8.20	33.06	33.08	95.00	93.75	6.21	6.20	5.19	5.16	3.9	4.1		
			10:10	8.7	7.7	28.60	28.60	8.20	8.20	33.09	33.08	92.50	93.75	6.18	6.20	5.12	5.16	4.2	4.1		
	26/9/2022	Sunny	10:23	8.8	7.8	28.10	28.15	8.17	8.17	33.06	33.06	95.30	96.70	6.37	6.43	4.88	4.86	3.6	3.5		
			10:24	8.8	7.8	28.20	28.15	8.17	8.17	33.05	33.06	98.10	96.70	6.49	6.43	4.84	4.86	3.3	3.5		
	28/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	30/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station CE (Bottom) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
CE	31/8/2022	Cloudy	10:14	8.6	7.6	28.90	28.95	8.18	8.18	30.20	30.19	103.20	104.35	6.97	6.92	4.02	4.02	2.8	2.9		
			10:15	8.6	7.6	29.00	28.95	8.18	8.18	30.18	30.19	105.50	104.35	6.86	6.92	4.01	4.02	3.0	3.0		
	2/9/2022	Sunny	9:58	8.1	7.1	28.30	28.30	8.24	8.24	30.25	30.30	101.40	101.55	6.76	6.83	4.11	3.98	3.2	3.3		
			9:59	8.1	7.1	28.30	28.30	8.24	8.24	30.34	30.30	101.70	101.55	6.90	6.83	3.85	3.98	3.2	3.3		
	5/9/2022	Sunny	10:09	8.6	7.6	27.30	27.30	8.18	8.17	32.31	32.34	101.80	101.30	6.89	6.88	3.27	3.16	5.8	5.6		
			10:10	8.6	7.6	27.30	27.30	8.16	8.17	32.36	32.34	100.80	101.30	6.86	6.88	3.05	3.16	5.4	5.6		
	7/9/2022	Sunny	12:37	8.6	7.6	28.00	28.05	8.25	8.25	32.57	32.55	103.10	102.55	6.94	6.89	7.69	7.77	16.5	15.4		
			12:38	8.6	7.6	28.10	28.05	8.25	8.25	32.52	32.55	102.00	102.55	6.84	6.89	7.84	7.77	14.2	15.4		
	9/9/2022	Sunny	12:08	8.5	7.5	28.00	28.05	8.19	8.19	32.83	32.80	95.20	94.75	6.43	6.35	8.55	8.31	9.0	9.2		
			12:09	8.5	7.5	28.10	28.05	8.19	8.19	32.77	32.80	94.30	94.75	6.26	6.35	8.06	8.31	9.4	9.2		
	12/9/2022	Sunny	10:43	8.7	7.7	29.30	29.30	8.08	8.08	32.87	32.87	102.10	102.30	6.63	6.70	3.87	3.88	0.7	1.9		
			10:44	8.7	7.7	29.30	29.30	8.08	8.08	32.87	32.87	102.50	102.30	6.76	6.70	3.89	3.88	3.1	1.9		
	14/9/2022	Sunny	10:16	8.5	7.5	28.70	28.70	8.05	8.05	32.82	32.82	95.80	95.00	6.37	6.39	10.59	10.51	9.6	9.8		
			10:17	8.5	7.5	28.70	28.70	8.05	8.05	32.82	32.82	94.20	95.00	6.41	6.39	10.43	10.51	10.0	9.8		
	16/9/2022	Rainy	10:13	8.6	7.6	28.90	28.90	8.09	8.08	32.96	32.96	96.00	94.60	6.53	6.39	6.88	7.00	3.9	4.1		
			10:14	8.6	7.6	28.90	28.90	8.07	8.08	32.96	32.96	93.20	94.60	6.25	6.39	7.12	7.00	4.2	4.1		
	19/9/2022	Cloudy	12:08	8.2	7.2	29.80	29.80	8.21	8.22	32.45	32.45	102.90	103.00	6.62	6.67	1.51	1.55	1.9	1.8		
			12:09	8.2	7.2	29.80	29.80	8.22	8.22	32.45	32.45	103.10	103.00	6.72	6.67	1.58	1.55	1.7	1.8		
	21/9/2022	Cloudy	12:08	8.5	7.5	27.20	27.30	8.24	8.24	31.67	31.67	97.90	99.40	6.64	6.72	2.99	2.95	1.9	1.9		
			12:09	8.5	7.5	27.40	27.30	8.24	8.24	31.66	31.67	100.90	99.40	6.79	6.72	2.90	2.95	1.8	1.9		
	23/9/2022	Cloudy	12:08	8.5	7.5	28.50	28.55	8.18	8.19	33.12	33.10	94.30	93.35	6.28	6.22	11.27	11.43	10.0	10.1		
			12:09	8.5	7.5	28.60	28.55	8.19	8.19	33.08	33.10	92.40	93.35	6.15	6.22	11.59	11.43	10.2	10.1		
	26/9/2022	Sunny	12:08	8.8	7.8	28.40	28.40	8.16	8.16	33.05	33.05	97.40	97.70	6.38	6.43	4.95	4.97	8.0	7.8		
			12:09	8.8	7.8	28.40	28.40	8.15	8.16	33.04	33.05	98.00	97.70	6.48	6.43	4.99	4.97	7.5	7.8		
	28/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	30/9/2022	Strong Monsoon Signal	10:03	8.6	7.6	27.30	27.30	7.93	7.93	32.96	32.94	89.10	88.40	6.10	6.08	11.81	11.59	5.1	5.3		
			10:04	8.6	7.6	27.30	27.30	7.93	7.93	32.91	32.94	87.70	88.40	6.06	6.08	11.36	11.59	5.5	5.3		

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station CF (surface) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
CF	31/8/2022	Cloudy	13:15	9.0	1.0	29.30		8.26	8.27	30.16		109.10	109.25	7.13	7.17	4.43	4.52	6.0	5.8		
			13:16	9.0	1.0	29.40	29.35	8.27	8.27	30.09	30.13	109.40	109.25	7.20	7.20	4.43	4.43	5.6	5.6		
	2/9/2022	Sunny	13:15	8.8	1.0	28.60	28.75	8.28	8.29	30.39	30.38	109.40	106.55	7.20	7.11	4.11	4.10	2.5	2.7		
			13:16	8.8	1.0	28.90	28.75	8.30	8.29	30.37	30.38	103.70	106.55	7.02	7.11	4.09	4.10	2.8	2.7		
	5/9/2022	Sunny	8:25	8.7	1.0	27.70	27.70	7.36	7.43	32.02	32.04	104.30	105.05	7.01	7.08	3.29	3.30	3.2	3.4		
			8:26	8.7	1.0	27.70	27.70	7.49	7.49	32.06	32.04	105.80	105.05	7.14	7.08	3.30	3.30	3.6	3.4		
	7/9/2022	Sunny	8:42	8.2	1.0	27.80	27.80	7.53	7.58	32.17	32.18	108.20	107.40	7.25	7.19	1.75	1.75	4.67	2.0		
			8:43	8.2	1.0	27.80	27.80	7.63	7.58	32.19	32.18	106.60	107.40	7.13	7.19	1.75	1.75	1.8	2.0		
	9/9/2022	Sunny	8:31	9.6	1.0	28.30	28.30	7.54	7.57	32.80	32.81	101.10	98.00	6.83	6.83	7.18	7.08	7.0	6.8		
			8:32	9.6	1.0	28.30	28.30	7.60	7.57	32.81	32.81	94.90	98.00	6.43	6.83	6.97	7.08	6.6	6.8		
	12/9/2022	Sunny	13:15	9.2	1.0	28.90	28.90	8.05	8.06	32.96	32.98	102.90	102.15	6.81	6.73	7.12	7.06	7.2	6.9		
			13:16	9.2	1.0	28.90	28.90	8.06	8.06	32.99	32.98	101.40	102.15	6.65	6.73	6.99	7.06	6.6	6.9		
	14/9/2022	Sunny	13:17	9.1	1.0	27.40	27.45	8.12	8.13	32.68	32.69	105.40	106.30	6.83	6.87	4.73	4.74	4.1	4.0		
			13:18	9.1	1.0	27.50	27.45	8.14	8.13	32.70	32.69	107.20	106.30	6.91	6.87	4.74	4.74	3.8	4.0		
	16/9/2022	Rainy	13:16	8.5	1.0	29.60	29.60	8.19	8.21	32.61	32.64	109.00	109.45	7.05	7.08	4.90	4.88	3.8	3.8		
			13:17	8.5	1.0	29.60	29.60	8.22	8.21	32.66	32.64	109.90	109.45	7.11	7.08	4.86	4.88	3.6	3.8		
	19/9/2022	Cloudy	8:11	8.8	1.0	29.00	29.00	6.75	6.90	30.64	30.73	103.80	103.95	6.96	6.93	1.72	1.72	3.5	3.7		
			8:12	8.6	1.0	29.00	29.00	7.05	6.90	30.81	30.73	104.10	103.95	6.99	6.93	1.75	1.72	3.8	3.7		
	21/9/2022	Cloudy	8:22	9.4	1.0	28.00	28.10	7.11	7.20	31.63	31.68	101.30	101.85	6.80	6.85	2.13	2.16	2.9	3.1		
			8:23	9.4	1.0	28.20	28.10	7.29	7.20	31.72	31.68	102.40	101.85	6.89	6.85	2.19	2.16	3.2	3.1		
	23/9/2022	Cloudy	8:31	8.5	1.0	28.60	28.60	7.31	7.41	32.57	32.60	100.00	99.00	6.80	6.75	3.37	3.38	2.6	2.4		
			8:32	8.5	1.0	28.60	28.60	7.50	7.41	32.63	32.60	98.00	99.00	6.70	6.75	3.39	3.38	2.2	2.4		
	26/9/2022	Sunny	9:41	9.1	1.0	28.20	28.30	6.97	7.03	32.92	32.94	95.30	93.80	6.57	6.46	8.66	8.56	8.8	9.0		
			9:42	9.1	1.0	28.40	28.30	7.09	7.03	32.95	32.94	92.30	93.80	6.35	6.46	8.45	8.56	9.2	9.0		
	28/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	30/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station CF (surface) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
CF	31/8/2022	Cloudy	8:28	8.9	1.0	28.70	28.65	7.43	7.48	30.46	30.48	100.20	99.55	6.77	6.82	4.39	4.50	4.2	4.3		
			8:29	8.9	1.0	28.60	28.65	7.52	7.48	30.49	30.48	99.90	99.55	6.87	6.82	4.61	4.50	4.4	4.3		
	2/9/2022	Sunny	8:05	8.6	1.0	28.00	28.15	7.97	7.99	30.24	30.37	105.10	104.05	7.13	6.98	3.48	3.50	4.5	4.7		
			8:06	8.6	1.0	28.30	28.15	8.00	7.99	30.40	30.37	103.00	104.05	6.82	6.98	3.52	3.50	4.5	4.7		
	5/9/2022	Sunny	8:26	8.7	1.0	27.70	27.70	7.36	7.43	32.02	32.04	104.30	105.05	7.01	7.08	3.29	3.30	4.2	4.1		
			8:27	8.7	1.0	27.70	27.70	7.49	7.43	32.06	32.04	105.80	105.05	7.14	7.08	3.30	3.30	3.9	4.1		
	7/9/2022	Sunny	13:56	8.9	1.0	27.90	27.95	8.23	8.24	32.34	32.36	104.90	105.50	6.99	7.04	8.44	8.17	7.8	7.6		
			13:57	8.9	1.0	28.00	27.95	8.25	8.24	32.38	32.36	106.10	105.50	7.09	7.04	7.89	8.17	7.4	7.6		
	9/9/2022	Sunny	13:15	8.9	1.0	28.20	28.25	8.24	8.25	32.75	32.76	103.50	100.40	6.88	6.85	4.00	4.01	4.0	4.1		
			13:16	8.9	1.0	28.30	28.25	8.25	8.25	32.77	32.76	97.30	100.40	6.42	6.85	4.01	4.01	4.1	4.1		
	12/9/2022	Sunny	9:05	8.6	1.0	28.50	28.45	7.19	7.27	32.47	32.61	95.50	96.30	6.55	6.68	10.17	10.15	12.2	11.7		
			9:06	8.6	1.0	28.40	28.45	7.35	7.27	32.74	32.61	97.10	96.30	6.81	6.68	10.12	10.15	11.1	11.7		
	14/9/2022	Sunny	8:30	8.7	1.0	26.90	26.95	7.10	6.99	32.33	32.33	98.00	97.10	6.74	6.79	5.25	5.34	6.0	5.9		
			8:31	8.7	1.0	27.00	26.95	6.88	6.99	32.33	32.33	96.20	97.10	6.84	6.79	5.42	5.34	5.7	5.9		
	16/9/2022	Rainy	8:18	8.2	1.0	29.30	29.30	7.34	7.38	32.62	32.64	109.90	109.30	7.09	7.13	3.59	3.52	2.2	2.4		
			8:19	8.2	1.0	29.30	29.30	7.42	7.38	32.66	32.64	109.70	109.30	7.16	7.13	3.44	3.52	2.5	2.4		
	19/9/2022	Cloudy	13:17	8.2	1.0	29.60	29.65	8.26	8.26	30.77	30.76	102.40	102.80	6.82	6.79	1.64	1.64	2.9	2.8		
			13:18	8.2	1.0	29.70	29.65	8.26	8.26	30.75	30.76	103.20	102.80	6.75	6.79	1.63	1.64	2.6	2.8		
	21/9/2022	Cloudy	13:15	9.0	1.0	26.50	26.70	8.27	8.28	32.06	31.96	99.70	100.25	6.75	6.82	3.59	3.54	6.0	6.2		
			13:16	9.0	1.0	26.90	26.70	8.28	8.28	31.86	31.96	100.80	100.25	6.89	6.82	3.48	3.54	6.3	6.2		
	23/9/2022	Cloudy	13:14	8.6	1.0	29.20	29.20	8.17	8.19	32.69	32.71	101.10	101.40	6.55	6.61	4.95	4.91	4.3	4.2		
			13:15	8.6	1.0	29.20	29.20	8.20	8.19	32.73	32.71	101.70	101.40	6.67	6.61	4.86	4.91	4.0	4.2		
	26/9/2022	Sunny	13:14	8.7	1.0	28.80	28.75	8.06	8.09	33.01	33.00	98.50	98.80	6.53	6.51	7.34	7.31	7.5	7.3		
			13:15	8.7	1.0	28.70	28.75	8.11	8.09	32.98	33.00	99.10	98.80	6.49	6.51	7.27	7.31	7.0	7.3		
	28/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	30/9/2022	Strong Monsoon Signal	8:16	8.6	1.0	27.10	27.15	7.22	7.26	32.65	32.65	92.30	92.40	6.49	6.42	9.04	8.97	6.9	6.7		
			8:17	8.6	1.0	27.20	27.15	7.22	7.26	32.65	32.65	92.50	92.40	6.34	6.42	8.90	8.97	6.4	6.7		

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station CF (Middle) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						°C															
CF	31/8/2022	Cloudy	13:19	9.0	4.5	29.20	29.25	8.25	8.25	30.23	30.20	107.50	106.80	7.10	7.08	3.67	3.56	4.6	4.8		
			13:20	9.0	4.5	29.30														8.25	8.25
	2/9/2022	Sunny	13:19	8.8	4.4	28.60	28.60	8.29	8.28	30.65	30.68	102.80	102.00	6.90	6.86	5.51	5.42	3.6	3.6		
			13:20	8.8	4.4	28.60														8.27	8.27
	5/9/2022	Sunny	8:29	8.7	4.4	27.60	27.60	7.59	7.62	32.06	32.07	100.30	101.20	6.80	6.87	3.03	3.10	4.2	4.4		
			8:30	8.7	4.4	27.60														7.64	7.64
	7/9/2022	Sunny	8:46	8.2	4.1	27.80	27.80	7.69	7.72	32.22	32.23	106.90	108.00	7.14	7.17	2.35	2.27	2.9	2.7		
			8:47	8.2	4.1	27.80														7.74	7.74
	9/9/2022	Sunny	8:35	9.6	4.8	28.30	28.35	7.64	7.66	32.83	32.81	95.10	95.70	6.53	6.48	7.70	7.69	7.4	7.2		
			8:36	9.6	4.8	28.40														7.68	7.68
	12/9/2022	Sunny	13:19	9.2	4.6	29.00	28.95	8.07	8.07	32.96	32.97	97.60	97.00	6.37	6.34	6.71	6.73	7.1	7.3		
			13:20	9.2	4.6	28.90														8.07	8.07
	14/9/2022	Sunny	13:21	9.1	4.6	27.10	27.10	8.15	8.15	32.79	32.78	101.80	102.10	6.78	6.72	5.57	5.63	4.6	4.3		
			13:22	9.1	4.6	27.10														8.15	8.15
	16/9/2022	Rainy	13:20	8.5	4.3	29.50	29.50	8.21	8.21	32.74	32.73	105.40	105.70	6.93	6.88	7.03	6.94	5.4	5.2		
			8:15	8.6	4.3	29.10														8.21	8.21
	19/9/2022	Cloudy	8:15	8.6	4.3	29.10	29.10	7.34	7.32	30.96	30.94	106.70	105.20	7.01	6.96	1.35	1.35	3.3	3.2		
			8:16	8.6	4.3	29.10														7.39	7.39
	21/9/2022	Cloudy	8:26	9.4	4.7	28.30	28.25	7.43	7.48	31.70	31.71	101.10	100.12	6.79	6.72	2.73	2.53	3.9	4.1		
			8:27	9.4	4.7	28.20														7.53	7.53
	23/9/2022	Cloudy	8:35	8.5	4.3	28.60	28.60	7.61	7.68	32.82	32.78	98.90	97.40	6.62	6.50	5.19	5.16	3.1	3.3		
			8:36	8.5	4.3	28.60														7.74	7.74
	26/9/2022	Sunny	9:45	9.1	4.6	28.30	28.30	7.24	7.28	32.97	32.97	92.00	91.95	6.38	6.33	8.89	8.78	9.9	9.8		
			9:46	9.1	4.6	28.30														7.31	7.31
	28/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	30/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station CF (Middle) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG		
						°C															
CF	31/8/2022	Cloudy	8:32	8.9	4.5	28.40	28.40	7.58	7.59	30.97	30.97	87.50	89.35	6.56	6.76	5.81	5.85	8.7	8.6		
			8:33	8.9	4.5	28.40														7.60	7.60
	2/9/2022	Sunny	8:09	8.6	4.3	28.40	28.30	8.01	8.02	30.45	30.50	99.60	99.70	6.62	6.74	3.41	3.35	3.6	3.8		
			8:10	8.6	4.3	28.20														8.02	8.02
	5/9/2022	Sunny	8:30	8.7	4.4	27.60	27.60	7.59	7.62	32.08	32.08	100.30	101.20	6.80	6.87	3.04	3.10	5.6	5.4		
			8:31	8.7	4.4	27.60														7.64	7.64
	7/9/2022	Sunny	14:00	8.9	4.5	28.10	143.05	8.25	8.26	32.40	32.44	101.70	102.90	6.77	6.82	8.45	8.51	4.6	5.1		
			14:01	8.9	4.5	258.00														8.26	8.26
	9/9/2022	Sunny	13:19	8.9	4.5	28.20	28.20	8.25	8.26	32.73	32.74	101.20	100.15	6.73	6.63	4.38	4.32	3.5	3.4		
			13:20	8.9	4.5	28.20														8.26	8.26
	12/9/2022	Sunny	9:09	8.6	4.3	28.50	28.50	7.41	7.43	32.33	32.54	95.30	94.45	6.34	6.40	8.66	8.61	10.1	10.5		
			9:10	8.6	4.3	28.50														7.44	7.44
	14/9/2022	Sunny	8:34	8.7	4.4	27.40	27.45	7.30	7.36	32.75	32.78	94.00	92.35	6.74	6.55	7.91	7.81	6.4	6.3		
			8:35	8.7	4.4	27.50														7.42	7.42
	16/9/2022	Rainy	8:22	8.2	4.1	29.20	29.20	7.50	7.53	32.77	32.78	104.70	104.00	6.96	6.88	5.28	5.08	3.3	3.6		
			8:23	8.2	4.1	29.20														7.56	7.56
	19/9/2022	Cloudy	13:21	8.2	4.1	29.70	29.70	8.27	8.28	30.81	30.82	103.50	102.25	6.29	6.48	1.63	1.64	2.4	2.3		
			13:22	8.2	4.1	29.70														8.28	8.28
	21/9/2022	Cloudy	13:19	9.0	4.5	26.80	26.75	8.29	8.29	31.87	31.88	100.20	99.35	6.75	6.70	4.04	3.82	5.6	5.4		
			13:20	9.0	4.5	26.70														8.29	8.29
	23/9/2022	Cloudy	13:18	8.6	4.3	28.80	28.80	8.19	8.19	32.85	32.84	96.40	94.70	6.48	6.38	5.81	5.75	5.4	5.3		
			13:19	8.6	4.3	28.80														8.19	8.19
	26/9/2022	Sunny	13:18	8.7	4.4	28.60	28.55	8.11	8.11	33.00	33.00	96.20	95.40	6.42	6.33	7.18	7.16	8.2	8.4		
			13:19	8.7	4.4	28.50														8.10	8.10
	28/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	30/9/2022	Strong Monsoon Signal	8:20	8.6	4.3	27.20	27.20	7.35	7.38	32.63	32.64	90.00	90.95	6.33	6.31	9.13	9.06	7.8	7.6		
			8:21	8.6	4.3	27.20														7.40	7.40

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station CF (Bottom) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
CF	31/8/2022	Cloudy	13:23	9.0	8.0	29.30	29.35	8.24	8.24	30.22	30.22	97.90	101.20	6.59	6.79	3.11	3.19	3.7	3.9		
			13:24	9.0	8.0	29.40	29.35	8.23	8.24	30.21	30.22	97.90	101.20	6.59	6.79	3.11	3.19	3.7	3.9		
	2/9/2022	Sunny	13:22	8.8	7.8	28.60	28.60	8.26	8.26	30.67	30.68	100.50	99.85	6.64	6.63	5.57	5.62	5.2	5.1		
			13:23	8.8	7.8	28.60	28.60	8.26	8.26	30.68	30.68	99.20	99.85	6.62	6.63	5.67	5.62	5.0	5.1		
	5/9/2022	Sunny	8:32	8.7	7.7	27.60	27.60	7.69	7.71	32.07	32.07	101.10	100.10	6.79	6.71	2.32	2.33	5.9	5.7		
			8:33	8.7	7.7	27.60	27.60	7.73	7.71	32.07	32.07	99.10	100.10	6.62	6.71	2.34	2.33	5.5	5.5		
	7/9/2022	Sunny	8:49	8.2	7.2	27.80	27.80	7.79	7.81	32.23	32.24	102.00	103.05	6.81	6.88	2.62	2.57	2.4	2.7		
			8:50	8.2	7.2	27.80	27.80	7.83	7.81	32.24	32.24	104.10	103.05	6.95	6.88	2.52	2.57	3.0	2.7		
	9/9/2022	Sunny	8:39	9.6	8.6	28.30	28.30	7.71	7.73	32.98	32.96	92.50	92.10	6.38	6.31	8.57	8.27	7.8	8.0		
			8:40	9.6	8.6	28.30	28.30	7.74	7.73	32.93	32.96	91.70	92.10	6.23	6.31	7.96	8.27	8.2	8.0		
	12/9/2022	Sunny	13:23	9.2	8.2	28.90	28.90	8.07	8.08	32.98	32.98	96.90	96.50	6.50	6.40	6.30	6.30	11.7	11.2		
			13:24	9.2	8.2	28.90	28.90	8.08	8.08	32.98	32.98	96.10	96.50	6.29	6.40	6.29	6.30	10.6	10.6		
	14/9/2022	Sunny	13:25	9.1	8.1	28.80	28.85	8.13	8.13	32.83	32.82	97.20	97.75	6.39	6.41	7.64	7.66	6.2	6.4		
			13:26	9.1	8.1	28.90	28.85	8.12	8.13	32.80	32.80	98.30	97.75	6.43	6.41	7.67	7.66	6.6	6.4		
	16/9/2022	Rainy	13:23	8.5	7.5	29.30	29.30	8.18	8.18	32.87	32.87	100.10	99.95	6.63	6.59	9.55	9.51	7.8	7.9		
			8:18	8.6	7.6	29.10	29.10	8.17	8.17	32.87	32.87	99.80	99.95	6.54	6.59	9.46	9.51	8.0	8.0		
	19/9/2022	Cloudy	8:18	8.6	7.6	29.10	29.10	7.51	7.51	31.06	31.03	102.40	101.35	7.76	7.22	1.12	1.11	2.8	2.7		
			8:19	8.6	7.6	29.10	29.10	7.59	7.55	31.00	31.03	100.30	101.35	6.67	7.22	1.09	1.11	2.6	2.7		
	21/9/2022	Cloudy	8:30	9.4	8.4	28.10	28.00	7.72	7.75	31.68	31.70	100.50	103.25	6.68	6.74	1.93	1.94	5.4	5.2		
			8:31	9.4	8.4	27.90	28.00	7.77	7.75	31.71	31.70	106.00	103.25	6.79	6.74	1.95	1.94	4.9	5.2		
	23/9/2022	Cloudy	8:38	8.5	7.5	28.50	28.50	7.76	7.78	32.84	32.84	91.60	91.05	6.07	6.06	5.34	5.33	3.9	3.8		
			8:39	8.5	7.5	28.50	28.50	7.80	7.78	32.84	32.84	90.50	91.05	6.05	6.06	5.31	5.33	3.7	3.8		
	26/9/2022	Sunny	9:49	9.1	8.1	28.30	28.30	7.37	7.40	32.98	32.97	91.70	91.85	6.31	6.29	7.94	8.01	10.2	10.4		
			9:50	9.1	8.1	28.30	28.30	7.43	7.40	32.96	32.97	92.00	91.85	6.27	6.29	8.07	8.01	10.6	10.4		
	28/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	30/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station CF (Bottom) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
CF	31/8/2022	Cloudy	8:35	8.9	7.9	28.10	28.10	7.64	7.65	31.88	31.92	83.50	82.30	6.39	6.41	6.41	6.48	10.8	11.0		
			8:36	8.9	7.9	28.10	28.10	7.66	7.65	31.96	31.92	81.10	82.30	6.42	6.41	6.54	6.48	11.1	11.0		
	2/9/2022	Sunny	8:12	8.6	7.6	28.10	28.15	8.04	8.04	30.65	30.65	100.80	101.70	6.70	6.80	2.54	2.47	3.1	3.3		
			8:13	8.6	7.6	28.20	28.15	8.04	8.04	30.65	30.65	102.60	101.70	6.90	6.80	2.39	2.47	3.4	3.3		
	5/9/2022	Sunny	8:33	8.7	7.7	27.60	27.60	7.69	7.71	32.07	32.07	101.10	100.10	6.79	6.71	2.32	2.33	5.4	5.5		
			8:34	8.7	7.7	27.60	27.60	7.73	7.71	32.07	32.07	99.10	100.10	6.62	6.71	2.34	2.33	5.6	5.5		
	7/9/2022	Sunny	14:03	8.9	7.9	27.90	27.90	8.24	8.24	32.54	32.54	101.70	101.05	6.83	6.81	9.03	9.09	6.6	6.2		
			14:04	8.9	7.9	27.90	27.90	8.23	8.24	32.53	32.54	100.40	101.05	6.78	6.81	9.15	9.09	5.7	6.2		
	9/9/2022	Sunny	13:22	8.9	7.9	28.00	28.00	8.26	8.27	32.74	32.75	100.30	100.00	6.62	6.59	4.62	4.62	2.7	2.9		
			13:23	8.9	7.9	28.00	28.00	8.27	8.27	32.75	32.75	99.70	100.00	6.55	6.59	4.61	4.62	3.0	2.9		
	12/9/2022	Sunny	9:12	8.6	7.6	28.50	28.50	7.51	7.53	32.76	32.77	93.50	92.00	6.38	6.29	9.43	9.41	9.6	10.3		
			9:13	8.6	7.6	28.50	28.50	7.55	7.53	32.79	32.79	90.50	92.00	6.19	6.29	9.39	9.41	11.0	10.3		
	14/9/2022	Sunny	8:37	8.7	7.7	27.60	27.70	7.50	7.53	32.93	32.94	87.70	88.05	6.27	6.17	8.88	8.87	7.0	6.9		
			8:38	8.7	7.7	27.80	27.70	7.56	7.53	32.94	32.94	88.40	88.05	6.07	6.17	8.86	8.87	6.7	6.9		
	16/9/2022	Rainy	8:25	8.2	7.2	28.90	28.90	7.57	7.59	32.96	32.96	92.00	90.25	6.60	6.47	13.83	13.84	12.0	12.3		
			8:26	8.2	7.2	28.90	28.90	7.61	7.59	32.96	32.96	88.50	90.25	6.33	6.47	13.84	13.84	12.6	12.3		
	19/9/2022	Cloudy	13:24	8.2	7.2	29.80	29.80	8.28	8.28	30.91	30.92	100.10	100.20	6.59	6.58	1.75	1.70	1.6	1.7		
			13:25	8.2	7.2	29.80	29.80	8.28	8.28	30.92	30.92	100.30	100.20	6.56	6.58	1.65	1.70	1.8	1.7		
	21/9/2022	Cloudy	13:23	9.0	8.0	26.70	26.70	8.30	8.30	31.85	31.86	98.70	99.40	6.69	6.73	2.73	2.75	4.2	4.1		
			13:24	9.0	8.0	26.70	26.70	8.30	8.30	31.86	31.86	100.10	99.40	6.76	6.73	2.76	2.75	3.9	4.1		
	23/9/2022	Cloudy	13:21	8.6	7.6	28.70	28.70	8.13	8.13	33.05	33.05	86.00	86.20	6.00	6.07	13.25	13.26	6.6	6.4		
			13:22	8.6	7.6	28.70	28.70	8.12	8.13	33.05	33.05	86.40	86.20	6.14	6.07	13.26	13.26	6.1	6.4		
	26/9/2022	Sunny	13:21	8.7	7.7	28.40	28.40	8.08	8.08	33.02	33.02	92.20	92.70	6.12	6.16	8.89	8.90	10.1	9.8		
			13:22	8.7	7.7	28.40	28.40	8.08	8.08	33.02	33.02	93.20	92.70	6.19	6.16	8.91	8.90	9.5	9.8		
	28/9/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	30/9/2022	Strong Monsoon Signal	8:23	8.6	7.6	27.20	27.20	7.43	7.44	32.68	32.69	88.90	89.30	6.05	6.08	12.45	12.39	8.6	8.8		
			8:24	8.6	7.6	27.20	27.20	7.45	7.44	32.70	32.69	89.70	89.30	6.11	6.08	12.33	12.39	9.0	8.8		

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR4 (surface) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L							
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG				
						WQM was cancelled due to adverse weather																			
SR4	3/10/2022	Sunny	8:43	3.2	1.0	28.10	28.10	7.64	7.66	32.75	32.75	91.70	91.40	6.22	6.20	6.87	6.80	4.9	4.7						
			8:44	3.2	1.0	28.10														7.67	32.74	91.10	6.17	6.72	4.5
	5/10/2022	Cloudy	8:46	3.5	1.0	29.10	29.15	7.83	7.84	32.95	32.94	95.70	97.30	6.30	6.36	6.53	6.59	6.0	6.3						
			8:47	3.5	1.0	29.20														7.85	32.93	98.90	6.41	6.64	6.6
	7/10/2022	Rainy	8:49	3.8	1.0	28.60	28.60	7.86	7.87	33.14	33.14	92.50	93.10	6.15	6.18	12.31	12.31	14.2	13.8						
			8:50	3.8	1.0	28.60														7.88	33.14	93.70	6.21	12.30	13.4
	10/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																						
	12/10/2022	Fine	12:53	3.8	1.0	25.90	25.95	7.98	7.98	33.44	33.53	90.00	89.80	6.27	6.19	11.24	11.22	9.6	9.5						
			12:54	3.8	1.0	26.00														7.98	33.61	89.60	6.11	11.20	9.3
			12:53	4.2	1.0	26.50														8.04	33.84	93.30	6.32	11.24	9.3
	14/10/2022	Fine	12:54	4.2	1.0	26.50	26.50	8.05	33.84	33.84	91.40	92.35	6.25	6.29	11.20	11.22	9.8	9.6							
	18/10/2022	No. 3 Tropical Cyclone Warning Signal	WQM was cancelled due to adverse weather																						
	20/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																						
	22/10/2022	Cloudy	8:44	3.6	1.0	25.81	25.78	8.82	8.78	32.05	32.40	81.00	82.80	6.04	6.10	11.60	12.10	9.6	9.7						
			8:45	3.6	1.0	25.75														8.73	32.75	84.60	6.16	12.60	9.8
	24/10/2022	Sunny	10:42	3.8	1.0	25.72	25.70	7.97	7.88	32.78	32.82	85.10	85.60	6.10	6.15	8.22	8.24	8.2	8.1						
			10:43	3.8	1.0	25.68														7.79	32.85	86.10	6.19	8.25	7.9
	26/10/2022	Fine	10:55	4.0	1.0	25.79	25.77	25.79	25.77	32.90	32.92	84.90	83.65	8.40	8.24	13.10	13.15	14.7	14.7						
			10:56	4.0	1.0	25.75														25.75	32.94	82.40	8.08	13.20	14.5
	28/10/2022	Cloudy	12:55	3.9	1.0	25.79	25.76	7.83	7.91	33.04	33.07	82.20	82.65	6.23	6.30	7.18	6.89	6.89	5.9	6.1					
12:56			3.9	1.0	25.73	7.98															33.10	83.10	6.36	6.59	6.2

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR4 (surface) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG		
						WQM was cancelled due to adverse weather															
SR4	3/10/2022	Sunny	12:52	3.3	1.0	28.60	28.55	7.91	7.91	32.66	32.68	91.00	89.55	6.13	6.10	7.58	7.61	6.2	6.1		
			12:53	3.3	1.0	28.50														7.91	32.69
	5/10/2022	Cloudy	12:50	3.2	1.0	29.30	29.35	8.17	8.18	32.80	32.80	100.00	99.00	6.39	6.36	7.25	7.19	5.0	5.3		
			12:51	3.2	1.0	29.40														8.18	32.80
	7/10/2022	Rainy	12:51	3.2	1.0	28.60	28.60	8.16	8.16	32.99	33.05	96.60	95.80	6.27	6.25	14.79	14.70	15.1	14.8		
			12:52	3.2	1.0	28.60														8.15	33.10
	10/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	12/10/2022	Fine	9:20	3.5	1.0	25.40	25.37	5.73	6.95	33.67	33.74	90.10	89.35	6.36	6.25	16.10	14.70	15.3	15.4		
			9:21	3.5	1.0	25.34														8.16	33.80
	14/10/2022	Fine	8:39	3.2	1.0	26.00	26.00	7.80	7.82	33.64	33.64	90.80	90.10	6.22	6.26	16.13	16.14	14.8	14.6		
			8:40	3.2	1.0	26.00														7.83	33.63
	18/10/2022	No. 3 Tropical Cyclone Warning Signal	WQM was cancelled due to adverse weather																		
	20/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	22/10/2022	Cloudy	12:56	3.2	1.0	26.04	26.04	7.87	7.90	32.71	32.78	83.90	82.45	6.25	6.21	8.51	8.50	8.3	8.5		
			12:57	3.2	1.0	26.04														7.93	32.84
	24/10/2022	Sunny	14:23	3.4	1.0	25.90	25.93	7.46	7.48	33.02	33.06	82.80	82.90	6.24	6.22	8.25	8.26	8.9	8.7		
			14:24	3.4	1.0	25.95														7.49	33.09
	26/10/2022	Fine	12:50	3.6	1.0	25.37	25.38	7.62	7.62	33.38	33.15	82.20	82.15	6.27	6.32	8.23	8.31	9.3	9.2		
			12:51	3.6	1.0	25.38														7.62	32.91
	28/10/2022	Cloudy	8:29	3.3	1.0	25.25	25.21	8.27	8.24	33.10	33.04	85.50	85.90	6.29	6.27	7.67	7.68	8.0	7.8		
8:30			3.3	1.0	25.17	8.21														32.98	86.30

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR4 (Bottom) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						WQM was cancelled due to adverse weather															
SR4	3/10/2022	Sunny	8:45	3.2	2.2	28.10		7.88	7.69	32.75	32.75	90.80	6.20	6.18	7.93	7.84	4.4	4.4			
			8:46	3.2	2.2	28.00	28.05	7.70	7.69	32.74	32.75	90.70	6.15	6.18	7.75	7.84	4.3	4.3			
	5/10/2022	Cloudy	8:48	3.5	2.5	29.10	29.05	7.86	7.86	32.96	32.96	97.70	6.36	6.33	7.81	7.79	8.0	8.2			
			8:49	3.5	2.5	29.00		7.86	7.86	32.96	32.96	96.30	6.30	6.33	7.77	7.79	8.4	8.4			
	7/10/2022	Rainy	8:51	3.8	2.8	28.60	28.55	7.89	7.90	33.16	33.16	91.10	6.09	6.08	11.24	11.24	11.5	11.5			
			8:52	3.8	2.8	28.50		7.90	7.90	33.15	33.16	91.00	6.07	6.08	11.24	11.24	11.5	11.5			
	10/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	12/10/2022	Fine	12:55	3.8	2.8	26.00	25.95	7.98	7.98	33.66	33.68	90.60	6.21	6.23	10.82	10.72	11.0	5.8			
			12:56	3.8	2.8	25.90		7.98	7.98	33.69	33.68	89.90	6.25	6.23	10.62	10.72	0.6	5.8			
	14/10/2022	Fine	12:56	4.2	3.2	26.50	26.45	8.05	8.05	33.83	33.83	90.70	6.28	6.26	12.33	12.32	10.4	10.7			
			12:57	4.2	3.2	26.40		8.05	8.05	33.83	33.83	90.00	6.24	6.26	12.30	12.32	10.9	10.7			
	18/10/2022	No. 3 Tropical Cyclone Warning Signal	WQM was cancelled due to adverse weather																		
	20/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	22/10/2022	Cloudy	8:46	3.6	2.6	25.98	26.01	8.64	8.63	32.26	32.21	86.70	6.22	6.19	11.60	11.85	8.6	8.5			
			8:47	3.6	2.6	26.04		8.62	8.63	32.15	32.21	80.30	6.15	6.19	12.10	11.85	8.3	8.5			
	24/10/2022	Sunny	10:44	3.8	2.8	25.73	25.71	7.87	7.85	32.46	32.71	85.90	6.18	6.21	8.12	8.13	9.4	9.2			
			10:45	3.8	2.8	25.69		7.82	7.85	32.95	32.71	87.60	6.24	6.21	8.14	8.13	12.0	9.2			
	26/10/2022	Fine	10:58	4.0	3.0	25.74	25.69	25.74	25.69	33.35	33.14	84.80	6.13	6.22	13.30	12.95	9.0	12.0			
			10:59	4.0	3.0	25.63		25.63	25.69	32.92	33.14	80.60	6.31	6.22	12.60	12.95	11.8	12.0			
	28/10/2022	Cloudy	12:57	3.9	2.9	25.72	25.70	8.67	8.51	32.93	32.97	81.30	6.20	6.25	6.37	6.27	7.6	7.4			
12:58			3.9	2.9	25.67		8.35	8.51	33.00	32.97	83.10	6.30	6.25	6.16	6.27	7.2	7.4				

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR4 (Bottom) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L		
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	
						WQM was cancelled due to adverse weather														
SR4	3/10/2022	Sunny	12:54	3.3	2.3	28.40	28.40	7.90	7.90	32.70	32.68	86.90	6.09	6.09	7.86	7.86	8.4	8.2		
			12:55	3.3	2.3	28.40		7.90	7.90	32.65	32.68	87.00	6.09	6.09	7.85	7.86	8.0	8.2		
	5/10/2022	Cloudy	12:52	3.2	2.2	29.10	29.10	8.18	8.19	32.86	32.86	100.30	6.44	6.39	6.98	6.89	6.6	6.4		
			12:53	3.2	2.2	29.10		8.19	8.19	32.86	32.86	98.70	6.34	6.39	6.79	6.89	6.1	6.4		
	7/10/2022	Rainy	12:53	3.2	2.2	28.60	28.60	8.16	8.16	33.12	33.11	94.40	6.21	6.28	14.58	14.54	24.3	20.2		
			12:54	3.2	2.2	28.60		8.16	8.16	33.09	33.11	97.50	6.34	6.28	14.50	14.54	16.0	20.2		
	10/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																	
	12/10/2022	Fine	9:22	3.5	2.5	25.44	25.43	7.59	7.83	33.54	33.57	90.10	6.22	6.16	13.70	12.95	13.9	13.7		
			9:23	3.5	2.5	25.41		8.06	7.83	33.60	33.57	88.20	6.10	6.16	12.20	12.95	13.5	13.7		
	14/10/2022	Fine	8:41	3.2	2.2	26.10	26.05	7.85	7.86	33.66	33.65	90.70	6.25	6.30	14.50	14.50	12.6	12.4		
			8:42	3.2	2.2	26.00		7.86	7.86	33.64	33.65	90.40	6.34	6.30	14.50	14.50	12.2	12.4		
	18/10/2022	No. 3 Tropical Cyclone Warning Signal	WQM was cancelled due to adverse weather																	
	20/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																	
	22/10/2022	Cloudy	12:58	3.2	2.2	26.02	26.02	7.95	7.79	33.02	32.86	83.90	6.40	6.34	8.33	8.37	7.8	7.7		
			12:59	3.2	2.2	26.02		7.63	7.79	32.70	32.86	81.00	6.28	6.34	8.41	8.37	7.5	7.7		
	24/10/2022	Sunny	14:25	3.4	2.4	25.92	25.91	7.49	7.66	33.10	33.23	80.10	79.95	6.01	6.06	8.07	8.00	7.2	7.1	
			14:26	3.4	2.4	25.89		7.82	7.66	33.35	33.23	79.80	6.10	6.06	7.93	8.00	7.0	7.1		
	26/10/2022	Fine	12:52	3.6	2.6	25.09	25.09	8.92	8.92	33.44	33.42	79.80	6.19	6.23	8.08	8.06	6.8	6.7		
			12:53	3.6	2.6	25.09		7.97	8.92	33.39	33.39	81.60	6.26	6.23	8.04	8.06	6.6	6.7		
	28/10/2022	Cloudy	8:31	3.3	2.3	25.09	25.08	8.33	8.21	32.94	32.96	86.30	6.27	6.25	7.82	7.79	9.3	9.1		
8:32			3.3	2.3	25.07		8.09	8.21	32.97	32.96	81.00	6.23	6.25	7.76	7.79	8.9	9.1			

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR5 (surface) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
SR5	3/10/2022	Sunny	8:56	3.6	1.0	28.30	28.35	7.70	7.71	32.71	32.71	91.00	89.05	6.11	6.25	7.03	7.01	4.0	3.8		
			8:57	3.6	1.0	28.40		7.71	7.71	32.71	32.71	87.10	6.38	6.38	6.98	7.01	3.6	4.5			
	5/10/2022	Cloudy	8:57	3.9	1.0	28.90	28.90	7.91	7.92	32.83	32.84	98.90	97.30	6.43	6.39	5.43	5.47	5.45	4.2	4.5	
			8:58	3.9	1.0	28.90		7.92	7.92	32.85	32.85	95.80	6.35	6.35	5.47	5.47	4.2	4.2			
	7/10/2022	Rainy	9:02	4.8	1.0	28.30	28.40	7.92	7.94	33.10	33.11	93.70	93.40	6.25	6.21	12.25	12.16	14.6	16.1		
			9:03	4.8	1.0	28.50		7.95	7.95	33.11	33.11	93.10	6.16	6.16	12.07	12.07	17.6	17.6			
	10/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	12/10/2022	Fine	12:42	4.7	1.0	26.10	26.20	7.91	7.92	33.62	33.69	91.30	90.30	6.22	6.20	10.34	10.42	9.8	10.0		
			12:43	4.7	1.0	26.30		7.93	7.93	33.75	33.75	89.30	6.17	6.17	10.49	10.49	10.2	10.2			
	14/10/2022	Fine	12:41	5.1	1.0	26.50	26.50	7.99	8.00	33.69	33.74	92.40	93.40	6.27	6.32	12.12	12.05	10.0	9.9		
			12:42	5.1	1.0	26.50		8.01	8.01	33.79	33.79	94.40	6.36	6.36	11.97	11.97	9.8	9.8			
	18/10/2022	No. 3 Tropical Cyclone Warning Signal	WQM was cancelled due to adverse weather																		
	20/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	22/10/2022	Cloudy	8:55	4.1	1.0	25.95	25.89	9.67	9.30	32.08	32.18	96.30	83.75	6.19	6.18	10.60	11.00	9.6	9.7		
			8:56	4.1	1.0	25.82		8.92	8.92	32.28	32.18	81.20	6.17	6.17	11.40	11.40	9.6	9.6			
	24/10/2022	Sunny	10:49	4.3	1.0	26.17	26.24	7.57	7.57	32.89	32.96	83.10	81.80	6.30	6.29	8.24	8.19	7.0	7.1		
			10:50	4.3	1.0	26.31		7.57	7.57	33.02	33.02	80.50	6.28	6.28	8.14	8.14	7.2	7.1			
	26/10/2022	Fine	11:07	4.4	1.0	25.80	25.83	25.80	25.83	33.17	33.31	79.90	80.45	7.97	8.01	8.70	8.62	10.0	10.2		
			11:08	4.4	1.0	25.86		25.86	25.86	33.44	33.44	81.00	8.05	8.05	8.54	8.54	10.4	10.4			
	28/10/2022	Cloudy	12:43	4.8	1.0	26.09	26.08	7.95	7.97	33.02	33.15	83.30	83.35	6.25	6.24	5.53	5.34	3.2	3.5		
12:44			4.8	1.0	26.07	7.99		7.99	33.27	33.27	83.40	6.22	6.22	5.14	5.14	3.8	3.8				

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR5 (surface) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L		
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	
SR5	3/10/2022	Sunny	12:43	3.8	1.0	28.40	28.45	7.85	7.86	32.63	32.63	93.30	92.45	6.34	6.30	7.60	7.62	3.6	3.8	
			12:44	3.8	1.0	28.50		7.87	7.87	32.62	32.62	91.60	6.26	6.26	7.63	7.62	4.0	4.0		
	5/10/2022	Cloudy	12:42	3.4	1.0	29.00	29.00	8.11	8.13	32.84	32.85	101.70	103.35	6.56	6.65	6.17	6.21	5.4	5.6	
			12:43	3.4	1.0	29.00		8.15	8.15	32.86	32.86	105.00	6.74	6.74	6.25	6.25	5.7	5.7		
	7/10/2022	Rainy	12:41	4.1	1.0	28.60	28.65	8.10	8.11	33.07	33.09	97.20	96.65	6.37	6.31	14.04	14.20	15.2	14.4	
			12:42	4.1	1.0	28.70		8.12	8.12	33.11	33.09	96.10	6.24	6.24	14.35	14.35	13.6	13.6		
	10/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																	
	12/10/2022	Fine	9:31	4.4	1.0	25.69	25.81	7.52	7.86	33.70	33.69	88.30	88.05	6.04	6.03	12.70	12.50	9.4	9.6	
			9:32	4.4	1.0	25.93		8.20	8.20	33.68	33.69	87.80	6.02	6.02	12.29	12.29	9.8	9.8		
	14/10/2022	Fine	8:53	4.4	1.0	26.40	26.45	7.90	7.91	33.75	33.79	88.30	89.75	6.19	6.24	12.61	12.54	11.4	11.3	
			8:54	4.4	1.0	26.50		7.91	7.91	33.83	33.79	91.20	6.28	6.28	12.46	12.46	11.1	11.1		
	18/10/2022	No. 3 Tropical Cyclone Warning Signal	WQM was cancelled due to adverse weather																	
	20/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																	
	22/10/2022	Cloudy	12:47	4.0	1.0	26.18	26.15	7.57	7.80	32.75	32.89	81.80	82.95	6.23	6.19	6.95	6.71	4.7	4.5	
			12:48	4.0	1.0	26.11		8.02	8.02	33.03	33.03	84.10	6.14	6.14	6.47	6.47	4.2	4.2		
	24/10/2022	Sunny	14:14	4.5	1.0	25.74	25.77	7.74	7.68	33.97	33.50	72.30	75.65	6.25	6.16	8.32	8.21	5.9	6.1	
			14:15	4.5	1.0	25.79		7.61	7.61	33.02	33.02	79.00	6.07	6.07	8.10	8.10	6.3	6.1		
	26/10/2022	Fine	12:42	4.2	1.0	25.09	25.04	7.69	7.71	33.50	33.40	76.20	79.20	6.17	6.21	8.32	8.22	6.0	6.2	
			12:43	4.2	1.0	24.98		7.73	7.73	33.30	33.30	82.20	6.24	6.24	8.11	8.11	6.3	6.3		
	28/10/2022	Cloudy	8:45	3.9	1.0	25.40	25.42	8.06	8.06	33.41	33.45	79.90	81.90	6.22	6.23	8.35	8.24	8.7	8.5	
8:46			3.9	1.0	25.44	8.06		8.06	33.49	33.49	83.90	6.23	6.23	8.12	8.12	8.2	8.2			

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR5 (Bottom) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						WQM was cancelled due to adverse weather															
SR5	3/10/2022	Sunny	8:58	3.6	2.6	28.40		7.74	7.74	32.77	32.77	88.30	88.30	6.09	6.24	8.43	8.37	7.2	7.0		
			8:59	3.6	2.6	28.50	28.45	7.74	7.74	32.77	32.77	85.50	86.90	6.38	6.24	8.30	8.37	6.5	6.5		
	5/10/2022	Cloudy	8:59	3.9	2.9	28.80	28.80	7.99	7.94	32.86	32.87	95.00	94.70	6.30	6.28	5.70	5.65	5.8	5.7		
			9:00	3.9	2.9	28.80	28.80	7.99	7.94	32.87	32.87	94.40	94.40	6.25	6.25	5.59	5.65	5.5	5.5		
	7/10/2022	Rainy	9:05	4.8	3.8	28.40	28.40	7.96	7.97	33.16	33.15	92.10	92.15	6.13	6.16	12.10	11.75	19.0	16.7		
			9:06	4.8	3.8	28.40	28.40	7.97	7.97	33.14	33.15	92.20	92.15	6.19	6.16	11.40	11.40	14.4	14.4		
	10/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	12/10/2022	Fine	12:45	4.7	3.7	26.20	26.05	7.94	7.95	33.75	33.73	91.80	90.45	6.28	6.22	12.22	12.46	12.8	13.1		
			12:46	4.7	3.7	25.90	26.40	8.02	8.03	33.81	33.82	91.10	91.25	6.23	6.21	12.33	12.32	8.3	8.5		
	14/10/2022	Fine	12:45	5.1	4.1	26.50	26.40	8.02	8.03	33.81	33.82	91.10	91.25	6.23	6.21	12.33	12.32	8.3	8.5		
			12:46	5.1	4.1	26.30	26.40	8.03	8.03	33.82	33.82	91.40	91.40	6.18	6.21	12.31	12.31	8.7	8.7		
	18/10/2022	No. 3 Tropical Cyclone Warning Signal	WQM was cancelled due to adverse weather																		
	20/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	22/10/2022	Cloudy	8:58	4.1	3.1	25.85	25.85	8.71	8.78	32.34	32.27	84.60	83.75	6.21	6.20	8.32	8.27	7.8	7.9		
			8:59	4.1	3.1	25.84	25.85	8.84	8.78	32.19	32.27	82.90	83.75	6.19	6.20	8.21	8.27	8.0	7.9		
	24/10/2022	Sunny	10:52	4.3	3.3	26.40	26.43	8.07	7.99	33.07	33.42	80.40	84.45	6.14	6.16	8.15	8.13	7.9	7.8		
			10:53	4.3	3.3	26.46	26.43	7.91	7.99	33.76	33.42	88.50	84.45	6.17	6.16	8.10	8.13	7.6	7.8		
	26/10/2022	Fine	11:10	4.4	3.4	25.98	26.01	25.98	26.01	32.99	33.15	81.40	81.30	8.39	8.29	8.50	8.47	9.0	9.3		
			11:11	4.4	3.4	26.03	26.01	26.03	26.01	33.31	33.15	81.20	81.30	8.19	8.29	8.44	8.47	9.6	9.3		
	28/10/2022	Cloudy	12:46	4.8	3.8	25.91	25.88	8.39	8.26	32.91	33.12	84.10	82.25	6.29	6.25	4.94	5.29	5.7	5.9		
12:47			4.8	3.8	25.84	25.88	8.12	8.26	33.32	33.12	80.40	82.25	6.21	6.25	5.63	5.29	6.0	5.9			

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR5 (Bottom) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG		
						WQM was cancelled due to adverse weather															
SR5	3/10/2022	Sunny	12:45	3.8	2.8	28.20	28.20	7.88	7.88	32.72	32.72	91.60	92.85	6.13	6.21	8.07	8.00	5.2	5.4		
			12:46	3.8	2.8	28.20	28.20	7.88	7.88	32.72	32.72	94.10	92.85	6.28	6.21	7.92	8.00	5.6	5.4		
	5/10/2022	Cloudy	12:44	3.4	2.4	28.80	28.80	8.16	8.16	32.85	32.85	101.40	100.05	6.55	6.49	6.64	6.57	6.2	6.5		
			12:45	3.4	2.4	28.80	28.80	8.16	8.16	32.84	32.85	98.70	100.05	6.42	6.49	6.49	6.57	6.8	6.5		
	7/10/2022	Rainy	12:44	4.1	3.1	28.60	28.50	8.13	8.14	33.15	33.16	97.10	96.40	6.30	6.29	14.92	14.78	14.5	15.2		
			12:45	4.1	3.1	28.40	28.50	8.14	8.14	33.17	33.16	95.70	96.40	6.27	6.29	14.63	14.78	15.9	15.2		
	10/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	12/10/2022	Fine	9:34	4.4	3.4	26.32	26.22	9.39	8.74	33.52	33.56	86.20	87.85	5.85	6.05	7.68	7.67	10.7	10.5		
			9:35	4.4	3.4	26.12	26.22	8.08	8.74	33.60	33.56	89.50	87.85	6.25	6.05	7.65	7.67	10.3	10.5		
	14/10/2022	Fine	8:56	4.4	3.4	26.50	26.45	7.92	7.92	33.84	33.85	89.41	89.06	6.13	6.12	14.50	13.88	13.1	12.9		
			8:57	4.4	3.4	26.40	26.45	7.92	7.92	33.85	33.85	88.70	89.06	6.10	6.12	13.25	13.88	12.7	12.9		
	18/10/2022	No. 3 Tropical Cyclone Warning Signal	WQM was cancelled due to adverse weather																		
	20/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	22/10/2022	Cloudy	12:50	4.0	3.0	25.99	25.94	7.72	7.75	32.51	32.66	84.60	82.60	6.32	6.19	8.31	8.31	7.7	7.9		
			12:51	4.0	3.0	25.89	25.94	7.77	7.75	32.81	32.66	80.60	82.60	6.05	6.19	8.30	8.31	8.0	7.9		
	24/10/2022	Sunny	14:17	4.5	3.5	25.77	25.75	7.95	7.84	33.28	33.22	82.60	81.40	6.36	6.27	7.60	7.74	7.2	7.0		
			14:18	4.5	3.5	25.72	25.75	7.72	7.84	33.16	33.22	80.20	81.40	6.17	6.27	7.87	7.74	6.8	7.0		
	26/10/2022	Fine	12:45	4.2	3.2	25.05	24.99	7.61	7.62	33.19	33.04	83.00	83.05	6.20	6.14	7.89	7.62	7.5	7.3		
			12:46	4.2	3.2	24.93	24.99	7.62	7.62	32.89	33.04	83.10	83.05	6.08	6.14	7.34	7.62	7.1	7.3		
	28/10/2022	Cloudy	8:47	3.9	2.9	25.59	25.60	8.21	8.18	33.16	32.97	84.00	83.00	6.34	6.30	7.45	7.56	7.4	7.3		
8:48			3.9	2.9	25.61	25.60	8.15	8.18	32.77	32.97	82.00	83.00	6.25	6.30	7.66	7.56	7.2	7.3			

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR6 (Middle) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						WQM was cancelled due to adverse weather															
SR6	3/10/2022	Sunny	9:09	2.4	1.2	28.40		7.75	7.75	32.72	32.72	88.30	6.10	6.14	7.12	7.03	3.6	3.7			
			9:10	2.4	1.2	28.50	28.45	7.75	7.75	32.71	32.72	85.50	6.17	6.14	6.94	7.03	3.5	3.7			
	5/10/2022	Cloudy	9:08	2.6	1.3	28.80	28.85	7.95	7.95	32.84	32.84	96.00	6.27	6.32	5.33	5.28	4.0	4.0			
			9:09	2.6	1.3	28.90		7.95	7.95	32.84	32.84	96.50	6.36	6.32	5.23	5.28	4.0	4.0			
	7/10/2022	Rainy	9:13	2.7	1.4	28.30	28.35	7.99	7.99	33.17	33.15	94.20	6.22	6.20	12.29	12.27	14.8	15.5			
			9:14	2.7	1.4	28.40		7.99	7.99	33.12	33.15	94.20	6.18	6.20	12.25	12.27	16.1	15.5			
	10/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	12/10/2022	Fine	12:36	2.7	1.4	26.20	26.20	7.94	7.94	33.65	33.65	91.00	6.17	6.19	10.47	10.14	7.9	8.1			
			12:37	2.7	1.4	26.20		7.94	7.94	33.64	33.65	90.20	6.21	6.19	9.80	10.14	8.2	8.1			
	14/10/2022	Fine	12:35	2.6	1.3	26.50	26.55	8.01	8.01	33.84	33.83	91.60	6.20	6.23	10.70	10.77	8.6	8.6			
			12:36	2.6	1.3	26.60		8.01	8.01	33.82	33.83	91.40	6.25	6.23	10.84	10.77	8.5	8.6			
	18/10/2022	No. 3 Tropical Cyclone Warning Signal	WQM was cancelled due to adverse weather																		
	20/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	22/10/2022	Cloudy	9:08	2.6	1.3	26.15	26.23	8.05	8.05	32.39	32.24	80.30	6.20	6.11	13.20	10.75	8.1	8.4			
			9:09	2.6	1.3	26.30		8.07	8.06	32.09	32.24	82.00	6.02	6.11	8.30	10.75	8.6	8.4			
	24/10/2022	Sunny	11:05	2.6	1.3	26.86	26.91	8.20	8.00	33.74	33.45	83.70	6.32	6.32	8.14	8.08	7.1	7.3			
			11:06	2.6	1.3	26.96		7.79	8.00	33.15	33.45	82.60	6.31	6.32	8.02	8.08	7.4	7.3			
	26/10/2022	Fine	11:16	2.6	1.3	26.16	26.17	8.16	8.17	32.99	33.09	84.10	6.30	6.16	8.33	8.38	11.6	11.8			
			11:17	2.6	1.3	26.18		8.18	8.17	33.18	33.09	84.20	6.02	6.16	8.43	8.38	12.0	11.8			
	28/10/2022	Cloudy	12:32	2.7	1.4	26.19	26.17	8.33	8.33	33.21	33.24	86.00	6.28	6.24	4.77	5.10	3.8	3.6			
12:33			2.7	1.4	26.14		8.27	8.30	33.26	33.24	84.30	6.19	6.24	5.42	5.10	3.4	3.6				

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR6 (Middle) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L		
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	
						WQM was cancelled due to adverse weather														
SR6	3/10/2022	Sunny	12:37	2.6	1.3	26.60	26.60	7.90	7.91	32.71	32.71	94.30	6.25	6.25	7.66	7.67	5.6	5.5		
			12:38	2.6	1.3	26.60		7.91	7.91	32.71	32.71	93.70	6.25	6.25	7.68	7.67	5.4	5.5		
			12:25	2.4	1.2	29.90	29.40	8.06	8.07	32.85	32.85	99.60	6.44	6.54	6.31	6.27	6.1	6.3		
	5/10/2022	Cloudy	12:26	2.4	1.2	28.90	29.40	8.07	8.07	32.85	32.85	97.30	6.63	6.54	6.23	6.27	6.5	6.3		
			12:34	2.3	1.2	28.50	28.55	8.08	8.09	33.15	33.14	94.00	6.19	6.16	13.04	12.93	14.4	14.7		
	10/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																	
	12/10/2022	Fine	9:40	2.5	1.3	25.91	25.40	8.02	8.15	33.62	33.60	89.30	6.12	6.16	7.55	7.44	11.6	11.4		
			9:41	2.5	1.3	25.07		8.27	8.15	33.58	33.60	89.40	6.19	6.16	7.32	7.44	11.1	11.4		
	14/10/2022	Fine	9:04	2.3	1.2	26.40	26.35	7.93	7.93	33.86	33.85	89.40	6.12	6.13	12.33	12.06	10.5	10.3		
			9:05	2.3	1.2	26.30		7.93	7.93	33.84	33.85	87.40	6.14	6.13	11.79	12.06	10.0	10.3		
	18/10/2022	No. 3 Tropical Cyclone Warning Signal	WQM was cancelled due to adverse weather																	
	20/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																	
	22/10/2022	Cloudy	12:41	2.4	1.2	25.99	25.99	7.75	7.76	33.12	33.08	82.10	6.16	6.17	8.24	8.26	6.3	6.2		
			12:42	2.4	1.2	25.98		7.76	7.76	33.03	33.08	84.50	6.18	6.17	8.28	8.26	6.0	6.2		
	24/10/2022	Sunny	14:08	2.3	1.2	25.68	25.64	7.52	7.55	32.77	32.86	83.50	6.27	6.21	8.16	8.14	8.6	8.8		
			14:09	2.3	1.2	25.60		7.57	7.55	32.94	32.86	83.60	6.15	6.21	8.12	8.14	9.0	8.8		
	26/10/2022	Fine	12:33	2.5	1.3	24.71	24.66	7.85	7.79	33.08	33.24	82.70	6.28	6.28	8.31	8.34	8.8	9.0		
			12:34	2.5	1.3	24.60		7.73	7.79	33.39	33.24	83.80	6.27	6.28	8.36	8.34	9.2	9.0		
	28/10/2022	Cloudy	8:55	2.4	1.2	25.72	25.73	8.34	8.37	33.13	33.07	79.80	6.28	6.19	7.73	7.45	6.6	6.5		
			8:56	2.4	1.2	25.74		8.40	8.37	33.01	33.07	82.60	6.10	6.19	7.17	7.45	6.3	6.5		

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR9 (surface) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						-															
SR9	3/10/2022	Sunny	9:19	3.4	1.0	28.50		7.70		32.86	32.85	89.70	6.15	6.17	7.12	7.07	3.3	3.2			
			9:20	3.4	1.0	28.60	28.55	7.26	7.48	32.83	32.85	93.20	6.18	6.18	7.01		3.0				
	5/10/2022	Cloudy	9:22	3.8	1.0	29.00	29.00	7.87	7.88	32.92	32.92	96.60	6.29	6.20	7.12	7.18	6.2	6.4			
			9:23	3.8	1.0	29.00		7.89		32.91		91.50	6.10	6.20	7.24		6.6				
	7/10/2022	Rainy	9:25	4.8	1.0	28.30	28.35	7.95	7.97	33.15	33.17	95.10	6.24	6.22	13.25	13.23	11.5	11.2			
			9:26	4.8	1.0	28.40		7.98		33.19		94.80	6.20	6.20	13.20		10.8				
	10/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	12/10/2022	Fine	12:25	5.0	1.0	26.10	26.15	7.90	7.90	33.59	33.69	91.30	6.22	6.14	10.74	10.78	9.3	9.5			
			12:26	5.0	1.0	26.20		7.90		33.79		89.20	6.06	6.14	10.82		9.6				
	14/10/2022	Fine	12:24	4.9	1.0	26.40	26.50	7.97	7.98	33.66	33.73	93.00	6.30	6.31	10.47	10.53	8.5	8.3			
			12:25	4.9	1.0	26.60		7.99		33.79		92.50	6.32	6.31	10.58		8.0				
	18/10/2022	No. 3 Tropical Cyclone Warning Signal	WQM was cancelled due to adverse weather																		
	20/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	22/10/2022	Cloudy	9:25	4.5	1.0	26.26	26.26	8.08	8.15	32.32	32.58	82.30	6.44	6.40	8.26	8.20	8.0	8.2			
			9:26	4.5	1.0	26.25		8.22		32.83		81.10	6.35	6.40	8.13		8.3				
	24/10/2022	Sunny	11:20	4.6	1.0	26.85	26.85	8.38	8.27	32.99	32.90	82.40	6.37	6.34	7.53	7.57	7.4	7.3			
			11:21	4.6	1.0	26.84		8.15		32.81		84.20	6.30	6.34	7.61		7.1				
	26/10/2022	Fine	11:23	4.8	1.0	26.02	26.02	8.13	8.05	33.20	33.09	85.00	6.31	6.26	8.44	8.37	9.7	9.6			
			11:24	4.8	1.0	26.02		7.97		32.97		85.10	6.21	6.26	8.30		9.4				
	28/10/2022	Cloudy	12:21	5.0	1.0	26.19	26.19	7.67	7.79	33.39	33.34	93.80	6.39	6.34	6.18	6.23	5.8	5.6			
12:22			5.0	1.0	26.18		7.90		33.28		90.20	6.28	6.34	6.28		5.3					

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR9 (surface) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG		
						-															
SR9	3/10/2022	Sunny	12:28	3.7	1.0	28.50	28.55	7.90	7.90	32.62	32.67	94.70	6.28	6.23	7.68	7.70	5.9	5.7			
			12:29	3.7	1.0	28.60		7.90		32.71		93.10	6.17	6.23	7.71		5.4				
	5/10/2022	Cloudy	12:24	3.6	1.0	28.70	28.80	8.02	8.03	32.89	32.88	98.80	6.47	6.41	6.17	6.23	5.7	5.6			
			12:25	3.6	1.0	28.90		8.04		32.86		97.40	6.35	6.41	6.28		5.4				
	7/10/2022	Rainy	12:24	4.0	1.0	26.60	27.65	8.03	8.03	33.06	33.09	95.80	6.28	6.26	13.96	13.61	13.9	13.0			
			12:25	4.0	1.0	28.70		8.03		33.12		95.10	6.23	6.26	13.26		12.1				
	10/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	12/10/2022	Fine	9:53	3.9	1.0	25.20	25.20	7.72	7.75	34.28	34.10	93.20	6.33	6.31	13.25	13.14	9.7	9.5			
			9:54	3.9	1.0	25.20		7.77		33.91		91.30	6.28	6.31	13.02		9.3				
	14/10/2022	Fine	9:18	4.4	1.0	26.20	26.20	7.87	7.89	33.85	33.83	92.20	6.27	6.25	12.41	12.41	11.4	11.5			
			9:19	4.4	1.0	26.20		7.90		33.81		92.10	6.22	6.25	12.40		11.5				
	18/10/2022	No. 3 Tropical Cyclone Warning Signal	WQM was cancelled due to adverse weather																		
	20/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	22/10/2022	Cloudy	12:27	4.3	1.0	26.06	26.07	7.86	7.93	32.88	32.77	84.00	6.15	6.14	10.50	10.70	8.0	7.8			
			12:28	4.3	1.0	26.08		8.00		32.65		83.90	6.12	6.14	10.90		7.6				
	24/10/2022	Sunny	13:57	4.3	1.0	25.79	25.78	7.92	7.73	32.91	32.92	82.50	6.28	6.27	8.41	8.32	11.3	11.1			
			13:58	4.3	1.0	25.76		7.53		32.92		82.70	6.26	6.27	8.22		10.8				
	26/10/2022	Fine	12:24	4.8	1.0	25.00	24.97	7.95	7.86	33.15	33.10	80.10	6.25	6.23	8.48	8.46	8.3	8.2			
			12:25	4.8	1.0	24.93		7.77		33.05		78.80	6.20	6.23	8.43		8.1				
	28/10/2022	Cloudy	9:09	4.2	1.0	25.66	25.64	8.08	8.02	33.39	33.40	83.70	6.31	6.24	6.76	6.84	5.5	5.7			
9:10			4.2	1.0	25.61		7.96		33.40		83.90	6.17	6.24	6.91		5.8					

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR9 (Bottom) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						WQM was cancelled due to adverse weather															
SR9	3/10/2022	Sunny	9:21	3.4	2.4	28.60	28.60	7.77	7.78	32.88	32.88	89.90	89.85	6.04	6.04	9.39	9.28	8.1	7.9		
			9:22	3.4	2.4	28.60	28.60	7.78	7.78	32.87	32.88	89.89	89.85	6.03	6.04	9.16	9.28	7.7	7.9		
	5/10/2022	Cloudy	9:24	3.8	2.8	28.90	28.85	7.91	7.92	32.01	32.49	94.90	95.80	6.27	6.31	6.33	6.33	7.5	7.6		
			9:25	3.8	2.8	28.80	28.80	7.92	7.92	32.97	32.97	96.70	96.70	6.34	6.34	6.32	6.32	7.4	7.6		
	7/10/2022	Rainy	9:28	4.8	3.8	28.60	28.60	7.99	7.99	33.19	33.19	96.80	95.20	6.30	6.22	14.50	14.48	11.4	12.3		
			9:29	4.8	3.8	28.60	28.60	7.99	7.99	33.19	33.19	93.60	93.60	6.13	6.13	14.46	14.46	13.1	13.1		
	10/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	12/10/2022	Fine	12:29	5.0	4.0	26.20	26.10	7.92	7.93	33.64	33.69	89.70	89.85	6.11	6.10	12.45	12.40	10.6	10.8		
			12:30	5.0	4.0	26.00	26.00	7.93	7.93	33.73	33.69	90.00	90.00	6.08	6.08	12.34	12.34	11.0	11.0		
	14/10/2022	Fine	12:27	4.9	3.9	26.60	26.60	8.00	8.00	33.83	33.83	94.10	93.60	6.39	6.34	12.33	12.82	11.8	12.0		
			12:28	4.9	-1.0	26.60	26.60	8.00	8.00	33.82	33.82	93.10	93.10	6.28	6.28	13.30	13.30	12.2	12.2		
	18/10/2022	No. 3 Tropical Cyclone Warning Signal	WQM was cancelled due to adverse weather																		
	20/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	22/10/2022	Cloudy	9:28	4.5	3.5	26.28	26.30	8.75	8.52	32.83	32.85	85.20	82.30	6.20	6.13	11.40	12.10	9.2	9.2		
			9:29	4.5	3.5	26.31	26.30	8.28	8.28	32.86	32.85	79.40	79.40	6.05	6.05	12.80	12.80	9.2	9.2		
	24/10/2022	Sunny	11:23	4.6	3.6	26.73	26.74	8.19	8.15	32.10	32.11	82.90	82.05	6.18	6.19	7.69	7.77	7.4	7.3		
			11:24	4.6	3.6	26.74	26.74	8.10	8.10	32.12	32.11	81.20	81.20	6.20	6.20	7.84	7.77	7.1	7.1		
	26/10/2022	Fine	11:26	4.8	3.8	25.93	25.95	8.22	8.21	33.45	33.40	81.80	81.20	6.25	6.18	8.17	8.17	7.9	8.7		
			11:27	4.8	3.8	25.97	25.95	8.19	8.19	33.34	33.40	80.60	80.60	6.11	6.11	8.17	8.17	9.4	9.4		
	28/10/2022	Cloudy	12:25	5.0	4.0	26.18	26.15	8.05	8.14	33.25	33.23	88.10	86.65	6.21	6.26	4.99	5.25	4.3	4.2		
12:26			5.0	4.0	26.12	26.15	8.23	8.14	33.21	33.21	85.20	85.20	6.30	6.26	5.50	5.50	4.1	4.1			

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR9 (Bottom) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						WQM was cancelled due to adverse weather															
SR9	3/10/2022	Sunny	12:30	3.7	2.7	28.30	28.25	7.90	7.90	32.83	32.84	95.60	92.35	6.26	6.19	8.45	8.45	6.3	6.5		
			12:31	3.7	2.7	28.20	28.20	7.90	7.90	32.84	32.84	89.10	89.10	6.12	6.12	8.44	8.44	6.7	6.5		
	5/10/2022	Cloudy	12:26	3.6	2.6	28.80	28.80	8.05	8.06	32.87	32.87	96.40	96.65	6.28	6.33	6.81	6.79	7.1	7.0		
			12:27	3.6	2.6	28.80	28.80	8.06	8.06	32.87	32.87	96.90	96.65	6.37	6.33	6.76	6.79	6.8	7.0		
	7/10/2022	Rainy	12:27	4.0	3.0	26.60	27.50	8.06	8.06	33.16	33.17	92.90	93.15	6.11	6.15	15.58	15.59	13.8	13.7		
			12:28	4.0	3.0	26.40	26.40	8.06	8.06	33.17	33.17	93.40	93.15	6.18	6.15	15.60	15.59	13.6	13.7		
	10/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	12/10/2022	Fine	9:55	3.9	2.9	25.00	25.05	7.80	7.81	34.02	33.91	89.80	90.25	6.15	6.22	12.72	12.63	10.4	10.6		
			9:56	3.9	2.9	25.10	25.05	7.81	7.81	33.80	33.80	90.70	90.70	6.28	6.28	12.54	12.54	10.8	10.8		
	14/10/2022	Fine	9:21	4.4	3.4	26.30	26.30	7.92	7.93	33.83	33.82	91.10	90.30	6.26	6.19	13.25	13.23	11.5	11.4		
			9:22	4.4	3.4	26.30	26.30	7.93	7.93	33.81	33.81	89.50	89.50	6.12	6.12	13.21	13.21	11.2	11.2		
	18/10/2022	No. 3 Tropical Cyclone Warning Signal	WQM was cancelled due to adverse weather																		
	20/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	22/10/2022	Cloudy	12:30	4.3	3.3	25.96	25.95	8.19	8.01	32.79	32.88	84.60	84.70	6.19	6.20	8.66	8.60	8.5	8.7		
			12:31	4.3	3.3	25.94	25.95	7.82	7.82	32.96	32.96	84.80	84.80	6.21	6.20	8.54	8.54	8.8	8.7		
	24/10/2022	Sunny	14:00	4.3	3.3	25.53	25.51	7.46	7.48	33.01	32.97	84.20	84.05	6.25	6.23	8.09	8.07	8.6	8.4		
			14:01	4.3	3.3	25.48	25.51	7.49	7.49	32.93	32.93	83.90	83.90	6.20	6.20	8.04	8.04	8.1	8.1		
	26/10/2022	Fine	12:27	4.8	3.8	24.64	24.61	7.81	7.68	33.43	33.43	83.70	83.60	6.15	6.21	8.01	7.89	6.3	6.5		
			12:28	4.8	3.8	24.58	24.61	7.55	7.55	33.43	33.43	83.50	83.50	6.26	6.26	7.76	7.76	6.6	6.6		
	28/10/2022	Cloudy	9:12	4.2	3.2	25.57	25.52	8.23	8.20	33.41	33.44	80.40	82.10	6.27	6.21	5.68	5.74	6.4	6.3		
9:13			4.2	3.2	25.47	25.52	8.16	8.16	33.46	33.46	83.80	83.80	6.15	6.15	5.79	5.79	6.2	6.2			

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR10 (Middle) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						WQM was cancelled due to adverse weather															
SR10	3/10/2022	Sunny	9:31	2.3	1.2	28.20		7.81	7.82	32.73	32.73	94.30	93.85	6.31	6.30	7.83	7.89	3.8	3.7		
			9:32	2.3	1.2	28.30	28.25	7.83	7.82	32.72	32.73	93.40	93.85	6.29	6.30	7.94	7.89	3.5	3.7		
	5/10/2022	Cloudy	9:36	2.3	1.2	28.70	28.75	7.94	7.95	32.74	32.73	96.40	96.60	6.36	6.37	4.95	4.99	4.4	4.7		
			9:37	2.3	1.2	28.80		7.96	7.95	32.72	32.73	96.80	96.60	6.38	6.37	5.02	4.99	4.9	4.7		
	7/10/2022	Rainy	9:35	2.7	1.4	28.60	28.60	8.06	8.08	33.04	33.04	96.20	95.40	6.36	6.31	8.20	8.18	9.4	8.8		
			9:36	2.7	1.4	28.60		8.09	8.08	33.04	33.04	94.60	95.40	6.26	6.31	8.16	8.18	8.2	8.8		
	10/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	12/10/2022	Fine	12:21	2.7	1.4	25.80	25.65	7.89	7.89	33.72	33.74	90.70	90.15	6.27	6.20	13.20	13.23	11.8	12.0		
			12:22	2.7	1.4	25.50		7.89	7.89	33.75	33.74	89.60	90.15	6.13	6.20	13.25	13.23	12.2	12.0		
	14/10/2022	Fine	12:19	2.6	1.3	25.90	25.95	8.05	8.05	33.67	33.68	92.10	92.20	6.34	6.33	13.25	13.25	12.6	12.4		
			12:20	2.6	1.3	26.00		8.05	8.05	33.68	33.68	92.30	92.20	6.31	6.33	13.25	13.25	12.2	12.4		
	18/10/2022	No. 3 Tropical Cyclone Warning Signal	WQM was cancelled due to adverse weather																		
	20/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	22/10/2022	Cloudy	9:35	2.6	1.3	26.18	26.16	8.81	8.55	32.31	32.33	84.50	82.35	6.20	6.19	8.23	8.20	5.8	5.8		
			9:36	2.6	1.3	26.14		8.28	8.55	32.34	32.33	80.20	82.35	6.18	6.19	8.17	8.20	7.8	5.8		
	24/10/2022	Sunny	11:28	2.6	1.3	26.48	26.44	8.42	8.18	32.66	32.72	84.70	84.65	6.26	6.27	8.05	8.08	7.8	7.9		
			11:29	2.6	1.3	26.40		7.94	8.18	32.78	32.72	84.60	84.65	6.28	6.27	8.10	8.08	8.0	7.9		
	26/10/2022	Fine	11:30	2.6	1.3	25.22	25.15	7.85	7.78	32.89	32.85	85.00	84.50	6.12	6.07	15.17	15.19	13.6	13.5		
			11:31	2.6	1.3	25.08		7.71	7.78	32.81	32.85	84.00	84.50	6.02	6.07	15.20	15.19	13.3	13.5		
	28/10/2022	Cloudy	12:16	2.6	1.3	25.51	25.51	8.12	8.10	33.14	33.15	83.50	83.40	6.16	6.22	5.33	5.15	4.8	4.6		
12:17			2.6	1.3	25.51		8.08	8.10	33.16	33.15	83.30	83.40	6.27	6.22	4.97	5.15	4.3	4.6			

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR10 (Middle) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG		
						WQM was cancelled due to adverse weather															
SR10	3/10/2022	Sunny	12:23	2.4	1.2	28.50	28.50	7.85	7.85	32.73	32.73	92.10	92.05	6.17	6.15	7.23	7.22	3.3	3.4		
			12:24	2.4	1.2	28.50		7.85	7.85	32.72	32.73	92.00	92.05	6.12	6.15	7.21	7.22	3.4	3.4		
			12:19	2.1	1.1	28.90	28.95	7.97	7.97	32.74	32.73	95.20	95.55	6.27	6.30	4.73	5.60	4.4	4.2		
	5/10/2022	Cloudy	12:20	2.1	1.1	29.00	28.95	7.97	7.97	32.71	32.73	95.90	95.55	6.33	6.30	6.46	6.83	7.6	7.5		
			12:20	2.5	1.3	28.00	28.05	8.08	8.09	33.04	33.04	94.40	95.20	6.33	6.31	6.86	6.83	7.6	7.5		
	7/10/2022	Rainy	12:21	2.5	1.3	28.10	28.05	8.10	8.09	33.04	33.04	96.00	95.20	6.29	6.31	6.80	6.83	7.4	7.4		
	10/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	12/10/2022	Fine	10:04	2.6	1.3	25.20	25.30	7.87	7.87	33.63	33.68	90.10	90.05	6.23	6.22	14.73	14.72	10.2	10.5		
			10:05	2.6	1.3	25.40		7.87	7.87	33.72	33.68	90.00	90.05	6.20	6.22	14.70	14.72	10.7	10.5		
	14/10/2022	Fine	9:29	2.4	1.2	25.70	25.80	8.01	8.02	33.68	33.69	93.30	92.75	6.32	6.33	13.25	13.25	12.1	12.4		
			9:30	2.4	1.2	25.90		8.03	8.02	33.69	33.69	92.20	92.75	6.33	6.33	13.24	13.25	12.7	12.4		
	18/10/2022	No. 3 Tropical Cyclone Warning Signal	WQM was cancelled due to adverse weather																		
	20/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	22/10/2022	Cloudy	12:20	2.4	1.2	25.97	25.94	7.83	7.95	32.97	32.91	84.90	84.95	6.20	6.16	8.08	8.07	7.0	6.8		
			12:21	2.4	1.2	25.91		8.07	7.95	32.85	32.91	85.00	84.95	6.12	6.16	8.05	8.07	6.6	6.8		
	24/10/2022	Sunny	13:51	2.5	1.3	26.05	26.02	7.99	7.99	32.69	32.72	84.10	84.20	6.27	6.23	7.63	7.72	8.8	8.9		
			13:52	2.5	1.3	25.99		7.99	7.99	32.75	32.72	84.30	84.20	6.19	6.23	7.81	7.72	9.0	8.9		
	26/10/2022	Fine	12:18	2.5	1.3	24.82	24.80	7.63	7.65	33.98	33.44	84.50	84.55	6.17	6.10	11.70	11.45	11.3	11.6		
			12:19	2.5	1.3	24.77		7.66	7.65	32.90	33.44	84.60	84.55	6.02	6.10	11.20	11.45	11.8	11.6		
	28/10/2022	Cloudy	9:18	2.4	1.2	25.49	25.49	8.00	7.98	33.19	33.20	83.10	81.60	6.15	6.12	5.74	6.65	6.6	6.8		
9:19			2.4	1.2	25.48		7.96	7.98	33.21	33.20	80.10	81.60	6.09	6.12	7.55	6.65	7.0	6.8			

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR12 (Middle) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						WQM was cancelled due to adverse weather															
SR12	3/10/2022	Sunny	9:38	2.4	1.2	28.40		7.84	7.84	32.73	32.73	92.50	6.34	6.34	7.35	7.35	4.2	4.4			
			9:39	2.4	1.2	28.40	28.40	7.84	7.84	32.73	32.73	92.70	6.27	6.27	7.33	7.33	4.6	4.6			
	5/10/2022	Cloudy	9:43	2.4	1.2	28.80	28.85	7.97	7.97	32.73	32.73	95.10	6.29	6.29	4.73	4.69	4.5	4.6			
			9:44	2.4	1.2	28.90		7.97	7.97	32.73	32.73	95.60	6.29	6.29	4.64	4.69	4.7	4.6			
	7/10/2022	Rainy	9:40	2.6	1.3	28.20	28.25	8.09	8.10	33.04	33.05	94.50	6.36	6.30	7.93	7.98	9.8	9.3			
			9:41	2.6	1.3	28.30		8.10	8.10	33.06	33.05	94.10	6.24	6.24	8.03	8.03	8.7	8.7			
	10/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	12/10/2022	Fine	12:15	2.6	1.3	25.30	25.35	7.89	7.90	33.78	33.76	89.50	6.17	6.21	11.24	11.27	12.6	12.8			
			12:16	2.6	1.3	25.40		7.90	7.90	33.74	33.76	88.60	6.24	6.24	11.30	11.30	13.0	13.0			
	14/10/2022	Fine	12:14	2.7	1.4	25.70	25.70	8.06	8.06	33.72	33.71	91.30	6.29	6.25	12.41	12.37	11.9	12.1			
			12:15	2.7	0.0	25.70		8.06	8.06	33.69	33.69	91.10	6.20	6.20	12.33	12.33	12.2	12.2			
	18/10/2022	No. 3 Tropical Cyclone Warning Signal - Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	20/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	22/10/2022	Cloudy	9:40	2.7	1.4	26.08	26.04	8.22	8.15	32.28	32.39	85.20	6.14	6.19	7.91	7.95	6.9	6.9			
			9:41	2.7	1.4	25.99		8.08	8.08	32.49	32.39	85.30	6.23	6.19	7.98	7.95	6.8	6.8			
	24/10/2022	Sunny	11:34	2.7	1.4	26.24	26.22	7.66	7.63	32.65	32.73	84.60	6.17	6.19	7.90	7.82	6.6	6.8			
			11:35	2.7	1.4	26.20		7.60	7.60	32.81	32.73	81.30	6.21	6.19	7.74	7.82	7.0	7.0			
	26/10/2022	Fine	11:34	2.5	1.3	24.98	24.95	8.06	8.01	32.93	33.01	82.10	6.17	6.23	14.90	15.55	11.6	11.4			
11:35			2.5	1.3	24.92		7.96	7.96	33.09	33.01	83.70	6.29	6.23	16.20	15.55	11.2	11.2				
28/10/2022	Cloudy	12:13	2.7	1.4	25.58	25.57	8.29	8.12	33.15	33.21	83.20	6.27	6.20	5.31	5.30	6.1	7.1				
		12:14	2.7	1.4	25.55		7.90	8.10	33.27	33.27	83.40	6.13	6.20	5.28	5.30	8.0	8.0				

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR12 (Middle) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L		
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	
						WQM was cancelled due to adverse weather														
SR12	3/10/2022	Sunny	12:17	2.5	1.3	28.30	28.35	7.86	7.86	32.74	32.73	91.00	6.05	6.06	7.05	7.03	4.3	4.2		
			12:18	2.5	1.3	28.40		7.86	7.86	32.72	32.73	89.30	6.07	6.06	7.00	7.03	4.0	4.2		
	5/10/2022	Cloudy	12:15	2.2	1.1	28.80	28.80	7.98	7.98	32.74	32.74	97.00	6.39	6.39	4.61	4.63	5.4	5.3		
			12:16	2.2	1.1	28.80		7.98	7.98	32.73	32.74	97.40	6.38	6.39	4.64	4.63	5.2	5.3		
	7/10/2022	Rainy	12:16	2.4	1.2	27.80	27.85	8.11	8.12	33.08	33.06	94.40	6.26	6.29	7.72	7.54	7.7	7.3		
			12:17	2.4	1.2	27.90		8.12	8.12	33.04	33.06	95.70	6.31	6.29	7.36	7.54	6.8	6.8		
	10/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																	
	12/10/2022	Fine	10:08	2.5	1.3	25.50	25.45	7.88	7.88	33.74	33.75	91.00	6.20	6.19	12.38	12.36	11.0	11.1		
			10:09	2.5	1.3	25.40		7.88	7.88	33.76	33.75	89.40	6.18	6.18	12.33	12.36	11.2	11.2		
	14/10/2022	Fine	9:35	2.5	1.3	25.90	25.90	8.04	8.05	33.71	33.70	92.20	6.25	6.28	14.42	14.20	13.0	13.3		
			9:36	2.5	1.3	25.90		8.05	8.05	33.69	33.70	92.40	6.30	6.30	13.98	13.98	13.5	13.5		
	18/10/2022	No. 3 Tropical Cyclone Warning Signal - Strong Monsoon Signal	WQM was cancelled due to adverse weather																	
	20/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																	
	22/10/2022	Cloudy	12:15	2.5	1.3	25.97	25.93	8.69	8.38	32.69	32.74	84.80	6.08	6.07	7.63	7.52	3.8	3.7		
			12:16	2.5	1.3	25.89		8.07	8.07	32.79	32.74	84.70	6.06	6.07	7.41	7.52	3.6	3.6		
	24/10/2022	Sunny	12:47	2.6	1.3	25.89	25.87	7.72	7.65	32.90	32.95	84.40	6.19	6.22	7.80	7.83	7.6	7.9		
			12:48	2.6	1.3	25.84		7.58	7.58	32.99	32.95	81.20	6.24	6.22	7.85	7.83	8.1	8.1		
	26/10/2022	Fine	12:15	2.4	1.2	24.90	24.88	8.00	7.94	32.20	32.60	82.40	6.20	6.25	11.33	11.20	13.1	13.2		
12:16			2.4	1.2	24.86		7.87	7.87	33.00	32.60	83.30	6.29	6.25	11.06	11.20	13.2	13.2			
28/10/2022	Cloudy	9:24	2.5	1.3	25.42	25.41	7.97	8.01	33.39	33.41	80.40	6.18	6.18	5.05	5.29	5.4	5.3			
		9:25	2.5	1.3	25.39		8.05	8.05	33.42	33.41	79.60	6.17	6.18	5.53	5.29	5.2	5.2			

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR15 (Middle) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						WQM was cancelled due to adverse weather															
SR15	3/10/2022	Sunny	8:40	2.3	1.2	28.00		7.89		32.68		93.30		6.28		6.71		3.5		3.7	
			8:41	2.3	1.2	28.10	28.05	7.82	7.61	32.74	32.71	91.00	92.15	6.19	6.24	6.68	6.70	3.5			
	5/10/2022	Cloudy	8:38	2.6	1.3	29.00	29.05	7.77	7.79	32.92	32.93	98.00	98.40	6.42	6.41	6.63	6.68	5.7		5.9	
			8:39	2.6	1.3	29.10		7.81		32.94		98.80		6.40		6.72		6.0			
	7/10/2022	Rainy	8:45	2.8	1.4	28.50	28.50	7.83	7.84	33.15	33.15	92.20	92.55	6.16	6.14	12.33	12.33	14.0		13.2	
			8:46	2.8	1.4	28.50		7.85		33.14		92.90		6.11		12.32		12.3			
	10/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	12/10/2022	Fine	13:04	2.6	1.3	25.70	25.80	7.96	7.97	33.74	33.68	92.90	92.15	6.35	6.33	9.31	9.29	8.4		8.6	
			13:05	2.6	1.3	25.90		7.97		33.61		91.40		6.31		9.26		8.8			
	14/10/2022	Fine	13:01	2.7	1.4	26.50	26.50	8.05	8.06	33.85	33.84	92.10	91.20	6.23	6.20	12.29	12.29	9.1		9.2	
			13:02	2.7	1.4	26.50		8.06		33.82		90.30		6.17		12.28		9.2			
	18/10/2022	No. 3 Tropical Cyclone Warning Signal - Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	20/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	22/10/2022	Cloudy	8:37	2.6	1.3	25.72	25.71	8.50	8.46	32.89	32.85	87.60	87.45	6.00	6.07	12.50	12.05	8.7		8.9	
			8:38	2.6	1.3	25.70		8.42		32.81		87.30		6.14		11.60		9.0			
	24/10/2022	Sunny	10:35	2.7	1.4	25.85	25.83	7.62	7.62	32.06	32.40	81.40	84.50	6.31	6.28	8.40	8.38	8.6		8.5	
			10:36	2.7	1.4	25.80		7.62		32.74		87.60		6.24		8.35		8.6			
	26/10/2022	Fine	10:50	2.4	1.2	25.72	25.74	25.72	25.74	33.04	33.13	84.60	84.70	7.92	7.92	14.50	14.25	10.1		10.4	
			10:51	2.4	1.2	25.76		25.76		33.21		84.80		7.92		14.00		10.1			
	28/10/2022	Cloudy	13:03	2.8	1.4	25.70	25.68	8.06	8.09	33.14	33.02	83.50	81.45	6.28	6.21	6.23	6.14	8.6		8.7	
13:04			2.8	1.4	25.66		8.12		32.90		79.40		6.14		6.04		8.7				

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station SR15 (Middle) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L		
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	
						WQM was cancelled due to adverse weather														
SR15	3/10/2022	Sunny	13:02	2.4	1.2	28.40	28.45	7.87	7.88	32.71	32.71	87.00	89.50	6.09	6.10	12.26	12.22	5.4		5.2
			13:03	2.4	1.2	28.50		7.88		32.71		92.00		6.11		12.17		5.0		
	5/10/2022	Cloudy	12:58	2.3	1.2	29.20	29.20	8.19	8.19	32.80	32.80	99.50	98.95	6.43	6.41	6.43	6.41	6.9		7.1
			12:59	2.3	1.2	29.20		8.19		32.80		98.40		6.38		6.39		7.3		
	7/10/2022	Rainy	12:59	2.2	1.1	28.60	28.65	8.16	8.17	33.09	33.09	97.50	97.00	6.34	6.32	14.03	14.29	14.4		15.1
			13:00	2.2	1.1	28.70		8.17		33.08		96.50		6.29		14.55		15.7		
	10/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																	
	12/10/2022	Fine	9:10	2.4	1.2	25.29	25.24	7.85	7.63	33.60	33.60	89.60	89.20	6.19	6.25	14.50	14.90	15.1		15.0
			9:11	2.4	1.2	25.18		7.40		33.59		88.80		6.30		15.30		14.8		
	14/10/2022	Fine	8:33	2.2	1.1	25.90	25.95	7.77	7.79	33.56	33.60	89.80	90.75	6.16	6.22	14.50	14.49	12.9		13.2
			8:34	2.2	1.1	26.00		7.80		33.64		91.70		6.28		14.47		13.4		
	18/10/2022	No. 3 Tropical Cyclone Warning Signal - Strong Monsoon Signal	WQM was cancelled due to adverse weather																	
	20/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																	
	22/10/2022	Cloudy	13:06	2.2	1.1	26.12	26.11	8.36	8.28	33.14	33.05	81.50	81.25	6.38	6.32	8.08	8.13	12.4		12.7
			13:07	2.2	1.1	26.09		8.20		32.96		81.00		6.25		8.18		13.0		
	24/10/2022	Sunny	14:32	2.4	1.2	25.94	25.94	7.58	7.57	33.20	33.50	82.80	82.90	6.20	6.22	8.11	8.14	7.3		7.5
			14:33	2.4	1.2	25.93		7.58		33.80		83.00		6.23		8.16		7.7		
	26/10/2022	Fine	12:57	2.1	1.1	25.27	25.23	8.10	8.05	33.22	33.27	80.10	81.30	6.20	6.15	8.01	7.98	8.4		8.6
			12:58	2.1	1.1	25.19		7.99		33.31		82.50		6.09		7.95		8.7		
	28/10/2022	Cloudy	8:22	2.5	1.3	25.26	25.25	8.38	8.29	32.92	33.02	95.50	93.00	6.22	6.21	8.33	8.18	7.4		7.4
8:23			2.5	1.3	25.23		8.20		33.11		90.50		6.19		8.02		7.3			

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station CE (surface) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						WQM was cancelled due to adverse weather															
CE	3/10/2022	Sunny	9:50	8.3	1.0	28.20	28.25	7.87	7.88	32.88	32.90	93.60	93.05	6.23	6.22	6.98	6.99	4.6	4.8		
			9:51	8.3	1.0	28.30		7.89		32.91		92.50		6.20		6.99		5.0			
	5/10/2022	Cloudy	9:55	8.6	1.0	28.90	28.90	8.02	8.03	32.83	32.84	98.00	97.50	6.45	6.40	4.61	4.37	3.3	3.5		
			9:56	8.6	1.0	28.90		8.04		32.84		97.00		6.35		4.37		3.6			
	7/10/2022	Rainy	9:50	8.5	1.0	28.40	28.30	8.09	8.09	33.30	33.30	95.80	95.00	6.37	6.36	11.40	11.32	9.1	8.9		
			9:51	8.5	1.0	28.20		8.09		33.30		94.20		6.35		11.24		8.6			
	10/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	12/10/2022	Fine	12:01	8.8	1.0	25.90	26.00	7.88	7.89	33.54	33.68	90.70	89.85	6.36	6.24	11.55	11.62	7.8	7.6		
			12:02	8.8	1.0	26.10		7.90		33.82		89.00		6.12		11.68		7.4			
	14/10/2022	Fine	12:01	8.3	1.0	26.00	26.10	7.98	7.99	33.75	33.85	93.00	91.40	6.36	6.25	13.23	13.20	9.8	9.9		
			12:02	8.3	1.0	26.20		8.00		33.95		89.80		6.14		13.17		10.0			
	18/10/2022	No. 3 Tropical Cyclone Warning Signal	WQM was cancelled due to adverse weather																		
	20/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	22/10/2022	Cloudy	9:51	8.7	1.0	25.77	25.72	7.79	7.80	32.85	32.47	84.60	84.75	6.08	6.11	8.43	8.41	7.5	7.4		
			9:52	8.7	1.0	25.67		7.81		32.09		84.90		6.14		8.38		7.2			
	24/10/2022	Sunny	11:48	8.8	1.0	25.97	25.98	8.52	8.26	33.06	33.06	81.10	81.65	6.22	6.17	7.73	7.40	3.0	2.9		
			11:49	8.8	1.0	25.98		8.00		33.05		82.20		6.11		7.07		2.7			
	26/10/2022	Fine	11:44	8.5	1.0	25.28	25.25	7.68	7.82	33.17	33.14	79.80	79.50	6.24	6.18	12.26	12.80	8.5	8.6		
			0:00	8.5	1.0	25.22		7.95		33.10		79.20		6.11		13.34		8.7			
	28/10/2022	Cloudy	12:01	8.4	1.0	25.43	25.42	7.99	7.91	33.18	33.24	92.10	90.35	6.39	6.33	7.28	7.58	6.7	6.9		
12:02			8.4	1.0	25.41	7.83		33.30		88.60		6.27		7.88		7.0					

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station CE (surface) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L		
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	
						WQM was cancelled due to adverse weather														
CE	3/10/2022	Sunny	12:01	8.4	1.0	28.40	28.45	7.84	7.86	32.80	32.82	93.20	94.20	6.27	6.29	8.31	8.30	4.0	4.2	
			12:02	8.4	1.0	28.50		7.87		32.84		95.20		6.31		8.29		4.4		
	5/10/2022	Cloudy	12:01	8.4	1.0	28.60	28.70	8.06	8.07	32.95	32.92	97.40	98.45	6.30	6.39	5.28	5.23	3.3	3.5	
			0:00	8.4	1.0	28.80		8.08		32.88		99.50		6.48		5.17		3.7		
	7/10/2022	Rainy	12:04	8.2	1.0	28.10	28.05	8.01	8.02	33.36	33.37	92.60	91.50	6.18	6.12	16.13	16.26	17.3	17.6	
			12:05	8.2	1.0	28.00		8.02		33.37		90.40		6.06		16.39		17.9		
	10/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																	
	12/10/2022	Fine	10:18	8.7	1.0	26.40	26.30	7.91	7.91	33.75	33.72	92.40	91.65	6.29	6.24	12.33	12.32	10.0	9.9	
			10:19	8.7	1.0	26.20		7.91		33.69		90.90		6.19		12.30		9.7		
	14/10/2022	Fine	9:45	8.0	1.0	26.20	26.15	8.40	8.22	33.86	33.88	90.10	89.95	6.26	6.25	12.33	11.79	9.2	9.4	
			9:46	8.0	1.0	26.10		8.04		33.89		89.80		6.24		11.25		9.5		
	18/10/2022	No. 3 Tropical Cyclone Warning Signal	WQM was cancelled due to adverse weather																	
	20/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																	
	22/10/2022	Cloudy	12:02	8.4	1.0	25.68	25.65	7.68	7.74	32.89	32.96	90.20	89.85	6.28	6.24	19.30	19.30	12.4	12.7	
			12:03	8.4	1.0	25.62		7.80		33.02		89.50		6.20		19.30		13.0		
	24/10/2022	Sunny	12:32	8.6	1.0	25.92	25.89	7.65	7.64	32.97	32.76	83.30	83.15	6.23	6.25	7.39	7.64	5.6	5.7	
			12:33	8.6	1.0	25.85		7.63		32.54		83.00		6.26		7.99		5.8		
	26/10/2022	Fine	12:05	8.3	1.0	25.13	25.09	8.01	7.86	33.33	33.32	82.10	82.95	6.15	6.19	14.30	14.27	9.1	9.0	
			12:06	8.3	1.0	25.04		7.71		33.31		83.80		6.22		14.24		8.8		
	28/10/2022	Cloudy	9:40	8.2	1.0	25.31	25.27	8.07	8.10	33.39	33.39	81.00	82.05	6.33	6.33	7.26	6.95	4.8	4.6	
9:41			8.2	1.0	25.22	8.14		33.39		83.10		6.32		6.64		4.4				

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station CE (Middle) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						WQM was cancelled due to adverse weather															
CE	3/10/2022	Sunny	9:54	8.3	4.2	28.20		7.88		32.92	32.93	91.90	6.29	6.33	7.35	7.41	5.5	5.8			
			9:55	8.3	4.2	28.10	28.15	7.89	7.88	32.93	32.93	92.00	91.95	6.36	6.33	7.47	7.41	6.0	5.8		
	5/10/2022	Cloudy	9:59	8.6	4.3	28.80	28.75	8.03	8.03	33.06	33.07	96.00	97.10	6.39	6.40	5.56	5.57	5.4	5.3		
			10:00	8.6	4.3	28.70		8.03		33.07		98.20		6.41		5.58		5.1			
	7/10/2022	Rainy	9:54	8.5	4.3	28.20	28.30	8.08	8.08	33.35	33.35	93.20	93.15	6.20	6.24	11.84	11.86	6.4	6.6		
			9:55	8.5	4.3	28.40		8.08		33.35		93.10		6.28		11.88		6.7			
	10/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	12/10/2022	Fine	12:05	8.8	4.4	26.10	26.00	7.91	7.91	33.64	33.65	91.30	90.30	6.22	6.25	11.79	11.78	8.2	8.2		
			12:06	8.8	4.4	25.90		7.91		33.65		89.30		6.28		11.77		8.1			
	14/10/2022	Fine	12:05	8.3	4.2	26.20	26.25	8.00	8.01	33.95	33.92	91.00	91.05	6.25	6.23	13.94	13.80	11.2	11.5		
			12:06	8.3	4.2	26.30		8.01		33.89		91.10		6.20		13.65		11.7			
	18/10/2022	No. 3 Tropical Cyclone Warning Signal - Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	20/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	22/10/2022	Cloudy	9:55	8.7	4.4	25.62	25.60	8.37	8.23	32.74	32.78	84.90	84.80	6.14	6.19	13.80	13.75	8.2	8.4		
			9:56	8.7	4.4	25.58		8.09		32.81		84.70		6.24		13.70		8.5			
	24/10/2022	Sunny	11:52	8.8	4.4	26.09	26.05	7.52	7.50	32.94	32.95	81.30	82.50	6.21	6.23	5.63	5.40	6.0	6.2		
			11:53	8.8	4.4	26.01		7.48		32.96		83.70		6.25		5.16		6.3			
	26/10/2022	Fine	11:48	8.5	4.3	25.11	25.09	8.12	8.02	33.25	33.20	81.30	81.00	6.19	6.20	14.12	13.95	8.0	8.2		
			11:49	8.5	4.3	25.06		7.91		33.15		80.70		6.20		13.77		8.3			
	28/10/2022	Cloudy	12:05	8.4	4.2	25.54	25.53	8.28	8.13	33.43	33.32	90.40	89.60	6.19	6.21	6.19	6.28	6.5	6.4		
12:06			8.4	4.2	25.52		7.97		33.20		88.80		6.23		6.37		6.2				

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station CE (Middle) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						WQM was cancelled due to adverse weather															
CE	3/10/2022	Sunny	12:05	8.4	4.2	28.30	28.35	7.88	7.89	32.90	32.88	94.00	93.60	6.28	6.23	8.15	8.13	5.0	4.9		
			12:06	8.4	4.2	28.40		7.89		32.85		93.20		6.17		8.10		4.8			
	5/10/2022	Cloudy	12:05	8.4	4.2	28.60	28.55	8.10	8.11	32.94	32.95	99.00	99.25	6.42	6.45	4.85	4.97	4.7	4.5		
			12:06	8.4	4.2	28.50		8.11		32.95		99.50		6.47		5.08		4.2			
	7/10/2022	Rainy	12:08	8.2	4.1	28.10	28.10	8.02	8.02	33.36	33.38	91.10	90.55	6.19	6.15	21.46	21.47	27.3	26.0		
			12:09	8.2	4.1	28.10		8.02		33.39		90.00		6.11		21.47		24.6			
	10/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	12/10/2022	Fine	10:22	8.7	4.4	26.20	26.15	7.91	7.91	33.69	33.70	91.10	91.05	6.29	6.27	10.59	10.55	8.6	8.4		
			10:23	8.7	4.4	26.10		7.91		33.71		91.00		6.24		10.50		8.2			
	14/10/2022	Fine	9:49	8.0	4.0	26.20	26.10	8.02	8.03	33.88	33.89	89.70	89.20	6.17	6.15	13.25	13.12	10.6	10.8		
			9:50	8.0	4.0	26.00		8.03		33.89		88.70		6.12		12.99		10.9			
	18/10/2022	No. 3 Tropical Cyclone Warning Signal - Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	20/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	22/10/2022	Cloudy	12:06	8.4	4.2	25.68	25.68	8.22	8.14	33.26	33.16	85.00	87.90	6.18	6.19	18.00	18.65	16.5	16.3		
			12:07	8.4	4.2	25.67		8.06		33.06		90.80		6.20		19.30		16.0			
	24/10/2022	Sunny	12:36	8.6	4.3	26.16	26.15	8.72	8.27	32.92	33.02	83.20	83.10	6.11	6.15	8.51	8.61	7.4	7.6		
			12:37	8.6	4.3	26.13		7.82		33.11		83.00		6.19		8.70		7.7			
	26/10/2022	Fine	12:09	8.3	4.2	24.98	24.96	7.82	7.72	33.19	33.25	83.90	83.95	6.09	6.10	15.03	14.59	7.2	7.1		
			12:10	8.3	4.2	24.93		7.61		33.30		84.00		6.11		14.14		6.9			
	28/10/2022	Cloudy	9:44	8.2	4.1	25.25	25.22	8.17	8.14	33.24	33.14	79.90	81.05	6.07	6.13	7.37	7.06	5.6	5.8		
9:45			8.2	4.1	25.18		8.10		33.03		82.20		6.18		6.75		6.0				

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station CE (Bottom) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L		
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	
						WQM was cancelled due to adverse weather														
CE	3/10/2022	Sunny	9:57	8.3	7.3	28.00		7.88	7.88	33.03	33.03	89.60	6.15	6.21	13.26	13.26	8.4	8.6		
			9:58	8.3	7.3	28.10	28.05	7.89	7.88	33.02	33.03	98.90	94.25	6.26	6.21	13.25	13.26	8.7	8.6	
	5/10/2022	Cloudy	10:02	8.6	7.6	28.40	28.40	8.00	7.99	33.46	33.46	91.30	6.22	6.21	10.01	10.01	7.4	7.3		
			10:03	8.6	7.6	28.40	28.40	7.98	7.99	33.46	33.46	93.40	92.35	6.19	6.21	9.87	9.94	7.2	7.3	
	7/10/2022	Rainy	9:57	8.5	7.5	28.20	28.15	8.07	8.07	33.25	33.31	92.30	6.16	6.20	12.97	12.97	9.7	9.4		
			9:58	8.5	7.5	28.10	28.15	8.07	8.07	33.36	33.31	93.40	92.85	6.23	6.20	13.55	13.26	9.0	9.4	
	10/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																	
	12/10/2022	Fine	12:08	8.8	7.8	26.10	26.00	7.92	7.92	33.63	33.65	88.40	6.19	6.16	11.24	11.22	9.0	9.2		
			12:09	8.8	7.8	25.90	26.00	7.92	7.92	33.66	33.65	87.30	6.12	6.16	11.20	11.22	9.4	9.2		
	14/10/2022	Fine	12:08	8.3	7.3	26.20	26.20	8.01	8.02	33.89	33.90	89.50	6.15	6.22	13.60	13.43	12.7	12.6		
			12:09	8.3	7.3	26.20	26.20	8.02	8.02	33.91	33.91	91.80	90.65	6.28	6.22	13.25	13.43	12.4	12.6	
	18/10/2022	No. 3 Tropical Cyclone Warning Signal - Strong Monsoon Signal	WQM was cancelled due to adverse weather																	
	20/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																	
	22/10/2022	Cloudy	9:58	8.7	7.7	25.65	25.63	8.23	8.14	32.73	32.80	82.10	6.19	6.22	18.10	17.90	9.7	9.6		
			9:59	8.7	7.7	25.61	25.63	8.04	8.14	32.86	32.80	80.70	6.24	6.22	17.70	17.90	9.4	9.6		
	24/10/2022	Sunny	11:55	8.8	7.8	26.68	26.12	7.68	7.69	33.08	33.01	83.50	6.15	6.21	8.26	8.26	12.6	12.4		
			11:56	8.8	7.8	25.55	26.12	7.70	7.69	32.93	33.01	83.00	6.27	6.21	8.25	8.26	12.2	12.4		
	26/10/2022	Fine	11:51	8.5	7.5	25.00	24.95	7.88	7.83	33.08	33.06	83.80	6.23	6.17	12.86	13.44	7.4	7.5		
			11:52	8.5	7.5	24.90	24.95	7.78	7.83	33.03	33.06	84.00	6.11	6.17	14.01	13.44	7.6	7.5		
	28/10/2022	Cloudy	12:08	8.4	7.4	25.56	25.55	8.06	8.12	33.15	33.28	81.20	6.10	6.11	7.36	7.60	5.5	5.7		
12:09			8.4	7.4	25.53	25.55	8.17	8.12	33.40	33.28	80.00	6.12	6.11	7.83	7.60	5.8	5.7			

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station CE (Bottom) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L		
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	
						WQM was cancelled due to adverse weather														
CE	3/10/2022	Sunny	12:08	8.4	7.4	28.10	28.10	7.88	7.89	32.99	32.99	90.30	6.11	6.20	13.61	13.69	5.8	6.0		
			12:09	8.4	7.4	28.10	28.10	7.89	7.89	32.98	32.99	88.60	6.28	6.20	13.77	13.69	6.2	6.0		
	5/10/2022	Cloudy	12:08	8.4	7.4	28.10	28.20	8.02	8.03	33.48	33.46	94.50	6.22	6.29	10.35	10.09	6.3	6.6		
			12:09	8.4	7.4	28.30	28.20	8.03	8.03	33.43	33.46	95.30	6.36	6.29	9.83	10.09	6.8	6.6		
	7/10/2022	Rainy	12:11	8.2	7.2	28.10	28.10	8.02	8.02	33.40	33.40	92.00	6.08	6.11	32.01	31.94	42.6	41.4		
			12:12	8.2	7.2	28.10	28.10	8.02	8.02	33.40	33.40	91.40	6.14	6.11	31.87	31.94	40.1	41.4		
	10/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																	
	12/10/2022	Fine	10:25	8.7	7.7	26.10	26.15	7.91	7.91	33.70	33.69	88.80	6.10	6.19	11.32	11.56	7.1	6.9		
			10:26	8.7	7.7	26.20	26.15	7.91	7.91	33.68	33.69	88.90	6.27	6.19	11.79	11.56	6.7	6.9		
	14/10/2022	Fine	9:52	8.0	7.0	26.30	26.25	8.02	8.03	33.85	33.87	89.80	6.21	6.17	12.23	12.31	11.3	11.5		
			9:53	8.0	7.0	26.20	26.25	8.03	8.03	33.89	33.87	89.70	6.12	6.17	12.39	12.31	11.7	11.5		
	18/10/2022	No. 3 Tropical Cyclone Warning Signal - Strong Monsoon Signal	WQM was cancelled due to adverse weather																	
	20/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																	
	22/10/2022	Cloudy	12:09	8.4	7.4	25.69	25.68	8.30	8.05	32.97	32.98	89.50	6.29	6.23	20.80	20.55	20.5	20.3		
			12:10	8.4	7.4	25.67	25.68	7.80	7.80	32.99	32.98	88.00	6.17	6.23	20.30	20.55	20.0	20.3		
	24/10/2022	Sunny	12:39	8.6	7.6	25.45	25.42	7.65	7.59	33.09	32.99	84.10	6.21	6.22	8.25	8.25	13.9	13.8		
			12:40	8.6	7.6	25.39	25.42	7.53	7.53	32.88	32.99	84.40	6.23	6.22	8.24	8.25	13.6	13.8		
	26/10/2022	Fine	12:12	8.3	7.3	24.84	24.80	7.63	7.63	33.08	33.10	83.90	6.26	6.20	15.06	15.09	6.3	6.2		
			12:13	8.3	7.3	24.76	24.80	7.62	7.63	33.12	33.10	79.50	6.13	6.20	15.11	15.09	6.0	6.2		
	28/10/2022	Cloudy	9:47	8.2	7.2	25.25	25.21	8.11	8.10	33.31	32.36	77.80	6.03	6.08	7.57	7.27	8.0	8.3		
9:48			8.2	7.2	25.16	25.21	8.09	8.10	31.41	32.36	79.70	6.12	6.08	6.97	7.27	8.5	8.3			

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station CF (surface) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						WQM was cancelled due to adverse weather															
CF	3/10/2022	Sunny	8:13	8.6	1.0	28.20	28.25	7.84	6.91	32.69	32.72	96.40	96.30	6.48	6.46	6.28	6.29	4.4	4.6		
			8:14	8.6	1.0	28.30		6.98		32.75		97.20		6.43		6.29					
	5/10/2022	Cloudy	8:12	9.3	1.0	29.00	29.05	7.11	7.19	32.74	32.77	98.00	98.10	6.48	6.45	4.85	4.86	4.6	4.4		
			8:13	9.3	1.0	29.10		7.26		32.80		98.20		6.42		4.86					
	7/10/2022	Rainy	8:18	9.5	1.0	28.40	28.30	7.17	5.26	33.36	33.37	93.90	96.00	6.31	6.39	7.84	7.78	13.2	10.6		
			8:19	9.5	1.0	28.20		3.34		33.38		98.10		6.47		8.0					
	10/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	12/10/2022	Fine	13:16	9.2	1.0	26.40	26.40	7.93	7.94	33.68	33.71	89.50	90.60	6.14	6.20	12.80	12.78	8.8	9.0		
			13:17	9.2	1.0	26.40		7.94		33.74		91.70		6.26		12.76		9.2			
	14/10/2022	Fine	13:15	9.2	1.0	26.60	26.60	7.99	8.00	33.83	33.85	94.40	93.25	6.35	6.34	12.27	12.16	12.7	12.9		
			13:16	9.2	1.0	26.60		8.01		33.87		92.10		6.32		12.05		13.1			
	18/10/2022	No. 3 Tropical Cyclone Warning Signal	WQM was cancelled due to adverse weather																		
	20/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	22/10/2022	Cloudy	8:16	9.7	1.0	25.75	25.73	7.41	7.40	32.25	32.60	104.10	99.30	7.15	6.81	13.90	11.14	7.3	7.1		
			8:17	9.7	1.0	25.70		7.39		32.95		94.50		6.47		8.37		6.9			
	24/10/2022	Sunny	10:15	9.6	1.0	26.15	26.23	7.77	7.93	32.27	32.17	87.10	87.80	6.27	6.22	8.23	8.16	7.8	7.7		
			10:16	9.6	1.0	26.32		8.09		32.07		88.50		6.17		8.08		7.8			
	26/10/2022	Fine	10:23	9.8	1.0	26.66	26.60	26.66	26.60	32.72	32.76	102.20	101.05	6.90	7.44	14.10	13.80	15.2	15.3		
10:24			9.8	1.0	26.53	26.53		32.80		99.90		7.97		13.50		15.4					
28/10/2022	Cloudy	13:13	9.2	1.0	25.96	25.90	8.21	8.18	33.29	33.31	79.80	81.25	6.29	6.25	4.95	4.78	3.8	3.7			
		13:14	9.2	1.0	25.83		8.15		33.32		82.70		6.20		4.60		3.6				

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station CF (surface) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG		
						WQM was cancelled due to adverse weather															
CF	3/10/2022	Sunny	13:16	8.7	1.0	28.70	28.65	7.86	7.88	32.82	32.84	94.30	93.70	6.30	6.22	6.34	6.36	4.1	4.4		
			13:17	8.7	1.0	28.60		7.89		32.86		93.10		6.14		6.38		4.6			
	5/10/2022	Cloudy	13:14	8.5	1.0	28.60	28.70	8.12	8.12	32.78	32.82	98.10	98.35	6.38	6.39	7.48	7.49	6.8	6.6		
			13:15	8.5	1.0	28.80		8.12		32.86		98.60		6.40		7.50		6.4			
	7/10/2022	Rainy	13:14	8.4	1.0	28.40	28.45	8.15	8.16	33.23	33.23	99.10	97.00	6.45	6.34	10.22	10.29	13.4	14.0		
			13:15	8.4	1.0	28.50		8.16		33.23		94.90		6.23		10.35		14.6			
	10/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	12/10/2022	Fine	8:25	8.9	1.0	25.80	25.55	6.77	6.92	33.69	33.84	91.30	90.00	6.27	6.20	20.47	19.57	18.4	18.6		
			8:26	8.9	1.0	25.30		7.07		33.99		88.70		6.13		18.66		18.8			
	14/10/2022	Fine	8:10	8.5	1.0	26.40	26.50	7.02	7.09	33.77	33.83	89.90	90.20	6.30	6.26	13.25	13.25	12.8	12.9		
			8:11	8.5	1.0	26.60		7.16		33.89		90.50		6.22		13.25		13.0			
	18/10/2022	No. 3 Tropical Cyclone Warning Signal	WQM was cancelled due to adverse weather																		
	20/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	22/10/2022	Cloudy	13:16	8.8	1.0	26.27	26.23	7.56	7.64	32.87	32.75	84.20	84.25	6.27	6.27	8.50	8.47	8.9	8.7		
			13:17	8.8	1.0	26.18		7.72		32.62		84.30		6.26		8.43		8.4			
	24/10/2022	Sunny	14:42	8.8	1.0	24.84	24.82	8.17	7.97	33.06	33.07	82.90	82.95	6.36	6.28	7.63	7.36	5.3	5.2		
			14:43	8.8	1.0	24.79		7.76		33.08		83.00		6.19		7.63		5.1			
	26/10/2022	Fine	13:15	8.6	1.0	24.05	24.00	7.88	7.81	32.93	33.04	82.10	82.55	6.25	6.27	11.17	11.22	6.3	6.1		
13:16			8.6	1.0	23.94	7.73		33.14		83.00		6.29		11.27		5.9					
28/10/2022	Cloudy	8:10	8.5	1.0	25.40	25.34	7.18	7.37	32.53	32.63	90.00	91.70	6.39	6.44	7.80	7.72	6.9	6.8			
		8:11	8.5	1.0	25.27		7.55		32.73		93.40		6.48		7.64		6.7				

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station CF (Middle) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
CF	3/10/2022	Sunny	8:17	8.6	4.3	28.30	28.20	7.07	7.16	32.80	32.81	88.80	90.50	6.35	6.30	8.86	8.81	2.3	3.7		
			8:18	8.6	4.3	28.10		7.24	32.82	92.20	6.25	6.25	8.76	5.0							
	5/10/2022	Cloudy	8:16	9.3	4.7	29.00	29.00	7.35	7.38	32.83	32.83	95.10	94.75	6.35	6.28	4.25	4.24	5.0	5.3		
			8:17	9.3	4.7	29.00	7.41	32.82	94.40	6.21	6.21	4.23	5.5								
	7/10/2022	Rainy	8:22	9.5	4.8	28.30	28.25	7.42	7.45	33.44	33.43	93.80	92.35	6.17	6.16	7.89	7.92	7.2	7.3		
			8:23	9.5	4.8	28.20	7.48	33.41	90.90	6.15	6.15	7.94	7.3								
	10/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	12/10/2022	Fine	13:20	9.2	4.6	26.30	26.25	7.95	7.95	33.75	33.75	92.50	92.40	6.32	6.31	13.86	13.81	11.5	11.7		
			13:21	9.2	4.6	26.20	7.95	33.74	92.30	6.29	6.29	13.75	11.9								
	14/10/2022	Fine	13:19	9.2	4.6	26.60	26.50	8.02	8.03	33.92	33.92	91.40	90.70	6.22	6.25	16.72	16.87	14.6	14.4		
			13:20	9.2	4.6	26.40	8.03	33.92	90.00	6.27	6.27	17.01	14.2								
	18/10/2022	No. 3 Tropical Cyclone Warning Signal - Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	20/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	22/10/2022	Cloudy	8:20	9.7	4.9	25.70	25.71	8.17	8.17	32.57	32.48	93.20	92.55	6.39	6.35	12.20	12.25	8.3	8.5		
			8:21	9.7	4.9	25.72	8.17	32.38	91.90	6.31	6.31	12.30	8.6								
	24/10/2022	Sunny	10:19	9.6	4.8	26.24	26.20	8.34	8.24	32.77	32.78	89.50	84.10	6.28	6.31	8.13	8.14	9.0	8.9		
			10:20	9.6	4.8	26.16	8.14	32.79	87.70	6.33	6.31	8.14	8.7								
	26/10/2022	Fine	10:27	9.8	4.9	26.13	26.02	26.13	26.02	32.83	32.96	99.30	98.65	8.31	8.19	13.90	14.05	14.3	14.5		
			10:28	9.8	4.9	25.90	25.90	33.08	98.00	8.06	8.06	14.20	14.7								
	28/10/2022	Cloudy	13:17	9.2	4.6	25.78	25.75	8.09	7.98	33.39	33.39	83.30	81.90	6.16	6.25	4.75	4.69	4.6	4.8		
13:18			9.2	4.6	25.71	7.87	33.38	80.50	6.33	6.33	4.62	4.9									

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station CF (Middle) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L		
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	
CF	3/10/2022	Sunny	13:20	8.7	4.4	28.00	27.95	7.90	7.90	3.20	18.21	89.50	89.35	6.02	6.07	11.24	11.25	8.4	8.3	
			13:21	8.7	4.4	27.90		7.90	33.21	89.20	6.12	6.12	11.25	8.2						
	5/10/2022	Cloudy	13:18	8.5	4.3	28.40	28.35	8.05	8.05	33.06	33.06	95.10	93.75	6.36	6.27	11.25	11.25	9.9	9.7	
			13:19	8.5	4.3	28.30	8.04	33.05	92.40	6.17	6.17	11.24	9.5							
	7/10/2022	Rainy	13:18	8.4	4.2	28.30	28.25	8.16	8.16	33.21	33.21	95.90	94.95	6.29	6.25	12.33	12.10	12.4	12.7	
			13:19	8.4	4.2	28.20	8.16	33.20	94.00	6.20	6.20	11.87	13.0							
	10/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																	
	12/10/2022	Fine	8:29	8.9	4.5	25.40	25.25	7.16	7.23	33.81	33.82	89.20	88.80	6.17	6.19	1.41	1.41	19.8	19.5	
			8:30	8.9	4.5	25.10	7.29	33.82	88.40	6.21	6.21	20.39	19.2							
	14/10/2022	Fine	8:14	8.5	4.3	26.50	26.50	7.33	7.37	33.91	33.91	90.80	89.90	6.18	6.14	13.24	13.25	13.4	13.6	
			8:15	8.5	4.3	26.50	7.40	33.91	89.00	6.10	6.10	13.25	13.8							
	18/10/2022	No. 3 Tropical Cyclone Warning Signal - Strong Monsoon Signal	WQM was cancelled due to adverse weather																	
	20/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																	
	22/10/2022	Cloudy	13:20	8.8	4.4	26.00	25.95	7.80	7.81	32.98	32.92	84.60	84.50	6.29	6.23	8.29	8.33	5.9	5.7	
			13:21	8.8	4.4	25.89	7.81	32.86	84.40	6.17	6.17	8.36	5.4							
	24/10/2022	Sunny	14:46	8.8	4.4	24.74	25.70	8.04	7.89	33.32	33.24	83.40	83.45	6.25	6.14	8.31	8.38	4.4	4.6	
			14:47	8.8	4.4	26.65	7.73	33.15	83.50	6.03	6.03	8.45	4.5							
	26/10/2022	Fine	13:19	8.6	4.3	23.91	23.88	8.06	7.82	33.09	33.17	83.50	83.45	6.26	6.22	10.91	10.73	7.1	7.4	
			13:20	8.6	4.3	23.84	7.82	33.24	83.40	6.18	6.18	10.54	7.6							
	28/10/2022	Cloudy	8:14	8.5	4.3	25.25	25.19	7.94	7.85	32.84	32.86	91.80	89.25	6.36	6.30	7.46	7.58	7.9	7.7	
8:15			8.5	4.3	25.13	7.76	32.87	86.70	6.23	6.23	7.70	7.5								

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station CF (Bottom) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						WQM was cancelled due to adverse weather															
CF	3/10/2022	Sunny	8:20	8.6	7.6	28.10		7.31	7.33	32.82	32.82	90.90	6.16	6.10	9.14	9.09	6.6	6.4			
			8:21	8.6	7.6	28.10		7.35	7.6	32.81	32.82	89.80	6.04	6.10	9.03	9.09	6.1				
	5/10/2022	Cloudy	8:20	9.3	8.3	29.00	29.00	7.47	7.50	32.86	32.86	95.40	6.30	6.28	5.09	5.09	6.4	6.2			
			8:21	9.3	8.3	29.00		7.53		32.86		94.80	6.25	6.28	5.08	5.09	6.0				
	7/10/2022	Rainy	8:26	9.5	8.5	28.20	28.20	7.52	7.54	33.53	33.52	92.80	6.22	6.18	6.88	6.88	7.7	7.0			
			8:27	9.5	8.5	28.20		7.56		33.51		91.30	6.13	6.18	6.87	6.88	6.3				
	10/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	12/10/2022	Fine	13:24	9.2	8.2	26.20	26.20	7.95	7.96	33.75	33.68	90.70	6.13	6.20	14.50	14.49	13.4	13.7			
			13:25	9.2	8.2	26.20		7.96		33.61		90.80	6.26	6.20	14.48	14.49	13.9				
	14/10/2022	Fine	13:23	9.2	8.2	26.60	26.55	8.03	8.03	33.93	33.93	92.10	6.29	6.21	17.59	17.55	15.2	15.0			
			13:24	9.2	8.2	26.50		8.03		33.93		90.20	6.13	6.21	17.50	17.55	14.8				
	18/10/2022	No. 3 Tropical Cyclone Warning Signal	WQM was cancelled due to adverse weather																		
	20/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	22/10/2022	Cloudy	8:24	9.7	8.7	25.73	25.73	8.33	8.40	32.22	32.44	88.30	6.04	6.03	8.45	8.42	9.4	9.3			
			8:25	9.7	8.7	25.72		8.46		32.65		87.60	6.01	6.03	8.39	8.42	9.1				
	24/10/2022	Sunny	10:23	9.6	8.6	26.12	26.10	8.29	8.17	32.85	32.86	87.60	6.24	6.18	8.00	8.03	10.1	10.4			
			10:24	9.6	8.6	26.07		8.04		32.87		87.80	6.11	6.18	8.05	8.03	10.6				
	26/10/2022	Fine	10:31	9.8	8.8	25.63	25.54	25.63	25.54	32.86	32.99	91.80	8.27	8.12	13.80	13.90	13.0	13.3			
			10:32	9.8	8.8	25.44		25.44		33.11		89.90	7.97	8.12	14.00	13.90	13.6				
	28/10/2022	Cloudy	13:21	9.2	8.2	25.67	25.64	8.06	8.00	33.24	33.32	83.00	6.27	6.19	5.40	4.93	6.6	6.8			
13:22			9.2	8.2	25.60		7.93		33.40		83.20	6.11	6.19	4.46	4.93	7.0					

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Impact Water Quality Monitoring at Station CF (Bottom) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature °C		pH		Salinity ppt		DO Saturation %		DO mg/L		Turbidity NTU		SS mg/L			
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
						WQM was cancelled due to adverse weather															
CF	3/10/2022	Sunny	13:23	8.7	7.7	27.80	27.75	7.92	7.93	33.53	33.53	84.40	6.11	6.15	13.19	13.09	10.0	10.3			
			13:24	8.7	7.7	27.70		7.93		33.52		89.70	6.18	6.15	12.99	13.09	10.6				
	5/10/2022	Cloudy	13:21	8.5	7.5	28.20	28.15	8.00	8.00	33.15	33.15	88.30	6.10	6.16	11.84	11.82	11.1	11.0			
			13:22	8.5	7.5	28.10		7.99		33.15		88.40	6.22	6.16	11.79	11.82	10.9				
	7/10/2022	Rainy	13:21	8.4	7.4	28.20	28.10	8.13	8.13	33.24	33.24	92.70	6.13	6.16	15.40	15.00	18.3	17.0			
			13:22	8.4	7.4	28.00		8.13		33.23		93.80	6.18	6.16	14.59	15.00	15.7				
	10/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	12/10/2022	Fine	8:32	8.9	7.9	25.40	25.50	7.34	7.37	33.91	33.83	89.70	6.23	6.18	17.59	17.88	21.5	21.3			
			8:33	8.9	7.9	25.60		7.39		33.75		86.50	6.13	6.18	18.17	17.88	21.1				
	14/10/2022	Fine	8:17	8.5	7.5	26.50	26.45	7.46	7.48	33.90	33.89	91.50	6.24	6.21	12.71	12.93	14.4	14.7			
			8:18	8.5	7.5	26.40		7.50		33.88		90.20	6.18	6.21	13.15	12.93	14.9				
	18/10/2022	No. 3 Tropical Cyclone Warning Signal	WQM was cancelled due to adverse weather																		
	20/10/2022	Strong Monsoon Signal	WQM was cancelled due to adverse weather																		
	22/10/2022	Cloudy	13:23	8.8	7.8	25.89	25.86	7.72	7.86	33.15	33.16	80.20	6.23	6.24	8.66	8.64	4.3	4.5			
			13:24	8.8	7.8	25.83		7.99		33.17		83.80	6.24	6.24	8.61	8.64	4.6				
	24/10/2022	Sunny	14:49	8.8	7.8	24.73	25.71	8.05	7.81	33.12	33.13	83.20	6.25	6.24	8.25	8.49	3.6	3.8			
			14:50	8.8	7.8	26.69		7.56		33.13		83.30	6.23	6.24	8.73	8.49	3.9				
	26/10/2022	Fine	13:22	8.6	7.6	23.95	23.93	8.12	7.97	33.39	33.08	83.30	6.18	6.17	12.80	13.20	12.1	12.3			
			13:23	8.6	7.6	23.90		7.82		32.77		83.00	6.16	6.17	13.60	13.20	12.5				
	28/10/2022	Cloudy	8:17	8.5	7.5	24.92	24.86	8.05	8.00	32.96	32.88	95.30	6.61	6.58	8.27	8.21	8.8	9.0			
8:18			8.5	7.5	24.79		7.95		32.79		93.90	6.55	6.58	8.15	8.21	9.2					

General Note: For calculation of average concentration of SS, the minimum value for "NOT DETECTED" is treated as 1.0mg/L according to reporting limit.



Appendix 5.3

Quarterly Summary Waste Flow Table

Drainage Services Department
Contract No. DC/2020/02
Construction of San Shek Wan Sewage Treatment Works,
Associated Submarine Outfall and Pui O Sewerage Works

Quarterly Summary Waste Flow Table for 2022

Month	Actual Quantities of Inert C&D Material Generated Monthly						Actual Quantities of C&D Wastes Generated Monthly				
	Total Quantity Generated (a)	Hard Rocks and Large Broken Concrete (b)	Reused in the Contract (c)	Reused in other Projects (d)	Disposed as Public Fill (a-b-c-d)	Imported Fill	Metals	Paper/card-board packaging	Plastics [see Note 3]	Chemical waste	Others. e.g. general refuse
	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)
Aug	0.10	0.00	0.00	0.00	0.10	0.00	0.00	0.04	0.01	0.00	18.25
Sept	0.67	0.00	0.00	0.00	0.67	0.00	0.00	0.00	0.00	0.00	16.93
Oct	1.18	0.00	0.00	0.00	1.18	0.00	0.00	0.05	0.00	0.00	9.18
Total	1.94	0.00	0.00	0.00	1.94	0.00	0.00	0.09	0.01	0.00	44.36

Notes:

- (1) The inert C&D material except slurry and bentonite are disposed at Mui Wo Temporary Public Fill Bank (MW-PFRF)
- (2) The slurry and bentonite are disposed at Tseung Kwan O Area 137 Fill Bank (TKO137FB)
- (3) The non-inert waste is disposed at NENT or Outlying Islands Transfer Facilities
- (4) The waste flow table shall also include C&D materials that are specified in the Contract to be imported for use at the Site.
- (5) Plastics refer to plastic bottles/containers, plastic sheets/foam from packaging material
- (6) Assume the density of fill material is 2 tonne/m³.