



**Lam Environmental Services
Limited**

Contract No: SD 6/2020
Construction of San Shek Wan Sewage Treatment Works,
Associated Submarine Outfall and Pui O Sewerage Works
Annual EM&A Review Report (November 2021 –
October 2022)

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

ANNUAL ENVIRONMENTAL MONITORING & AUDIT REVIEW REPORT

**NOVEMBER 2021 TO OCTOBER 2022
REVISION 3**

CLIENTS:

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DATE:

24 January 2024

Our ref: 7076811/L30651/AG/KL/TK/KCL/rw

23 February 2024

Drainage Services Department
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By Email and Post
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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 Annual EM&A Review Report (November 2021 - October 2022)**

With reference to the Annual EM&A Review Report (November 2021 - October 2022) Revision 3 certified by the ET Leader on 24 January 2024, please note that we have no adverse comments on the captioned. We herewith verify the captioned in accordance with Section 12.4 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 Kevin CHAN	by email
	Lam	-	Mr Derek LO/ Mr Raymond DAI	by email
	KLCW-JV	-	Mr Charles YEUNG	by email



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EXECUTIVE SUMMARY

- i. This is the First Annual Environmental Monitoring and Audit (EM&A) Review Report – November 2021 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 Annual EM&A Review Report presents the environmental monitoring findings and information recorded during the period of 1 November 2021 to 31 October 2022.
- ii. In the reporting period, the principal work activities conducted are as follow:
 - Ground investigation works and preliminary drilling works at San Shek Wan Sewage Treatment Works (SSWSTW) and Pui O Sewage Pumping Station (POSPS)
 - Village sewers (excavation, sewer laying, construction of manhole) at Pui O Lo Uk Tsuen
 - Tree pruning, removal, digging Recipient site preparation and transplanting works at San Shek Wan Sewage Treatment Works (SSWSTW) and Pui O Sewage Pumping Station (POSPS)
 - Excavation and site formation works at SSWSTW and POSPS
 - Maintenance works for tree in holding nursery and Site
 - Pre-drilling works at Pui O beach road
 - Excavation of Trial Pit at Chi Ma Wan Road and South Lantau Road
 - Preparation of Horizontal Directional Drilling (HDD) works
 - Installation of silt curtain and construction of temporary marine platform
 - SSWSTW and HDD works
 - Excavation and Lateral Support (ELS) works at POSPS

Exceedances of Action/Limit Levels

Noise Monitoring

- iii. Noise monitoring was conducted at five (5) noise monitoring stations N12a, N12b, N13, N14 and N17 once per week from November 2021 to May 2022, Seven (7) noise monitoring stations (N12a, N12b, N13, N14, N16a, N16b and N17) conducted from June 2022 to September 2022 once per week. Eight (8) noise monitoring stations (N12a, N12b, N13, N14, N15b, N16a, N16b and N17) once per week started from 6 October 2022.
- iv. School examination was taken place at N17 – Bui O Public School from 6 to 7 January 2022 , 10 to 11 January 2022 and 14 to 19 July 2022 in the reporting period, the limit level shall be adjusted to 65dB(A) during this period.
- v. No action and limit level exceedances were recorded in construction noise level in the reporting period.



Water Quality Monitoring

- vi. 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.**
- vii. Water quality monitoring (WQM) on 16 April 2022 during flood tide, 12 May 2022 during ebb and flood tide, 2, 4 July 2022 during ebb and flood tide, 9 August 2022 during ebb and flood tide, 24 August 2022 during flood tide, 28 September 2022 during ebb and flood tide, 30 September 2022 during ebb tide, 10, 18 and 20 October 2022 during ebb and flood tide was cancelled due to adverse weather. No substitution would be arranged for such cancellation since it is impossible to maintain the monitoring frequency as three times a week for the event of marine water quality monitoring cancellation in between time with respect to the fact that not less than 36 hours interval shall be followed for two monitoring days as required by the EM&A Manual Clause 5.1.6 (b) for the project.
- viii. In accordance with EM&A Manual, 319 action level and 0 limit level exceedances on DO, 73 action level and 223 limit level exceedances on turbidity, 45 action level and 192 limit level exceedances on SS were recorded in the reporting period of 1 November 2021 to 31 October 2022.
- ix. 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, 6 action level and 0 limit level exceedances on SS and 0 action level and limit level exceedance on DO were recorded in the reporting period of 2 September 2022 to 31 October 2022.

Ecological Impact Monitoring

- x. Transplanting works for plant species, *Aquilaris sinensis*, was completed on 26 April 2022. Maintenance works for trees in holding nursery have commenced.
- xi. 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.
- xii. The weekly site audit was carried out by ET include checking whether good site practices are being properly implemented by the Contractor. No unacceptable construction activities impact to the surrounding transplanted trees has been found in the reporting period of 1 November 2021 to 31 October 2022, hence, the temporary transplantation of the plant species with conservative importance is considered effective.
- xiii. The extent of the work site boundaries was checked by the ET during the weekly site audit.



Complaint log

- xiv. One environmental complaint regarding to a resident heard the construction noise within restricted hours (around 3 p.m. on 22/5/2022) at marine site from San Shek Wan, Lantau Island was recorded in the reporting period. Upon investigation, the works activities at Pui O Pumping Station (POPS) including land-based and marine based did not result in any unacceptable environmental impacts to the surrounding environment as reviewed with the relevant works activities and environmental requirements for the Project, and it was considered as non-project related.

Notifications of Any Summons and Successful Prosecutions

- xv. 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 Annual EM&A Review Report was prepared according to Section 12.4 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)	Ms. Melody Cheng Mr. Derek Lo*	2882 3939	2882 3331
Hotline telephone number for the public to make enquiries:					5560 8961

Notes: *Environmental Team Leader (ETL) change from Ms. Melody Cheng to Mr. Derek Lo start from July 2022

* 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.
- 2.2.4 The Location of works are shown in [Figure 2.3](#).

2.3 Summary of Environmental Submissions

- 2.3.1 A summary of the current status on submissions and measures mentioned in Environmental Permit (EP-538/2017) are shown in **Table 2.2**.

Table 2.2 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. 11)	5 August 2022 [#]
Condition 2.14	Landscape Mitigation Plan	To be confirmed
Condition 2.15	Construction Noise Mitigation Plan (Rev. 20)	4 August 2022 [#]

- 2.3.2 A summary of the current status on licences and/or permits on environmental protection pertinent to the Project is shown in **Table 2.3**.

Table 2.3 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	Status
Notification of Works Under APCO	466408	14 Apr 2021	N/A	Valid
Discharge Licence	POPS: WT00039820-2021	31 Dec 2021	31-12-2021 to 31-12-2026	Valid
	SSWSTW: WT00039636-2021	30 Dec 2021	30-12-2021 to 31-12-2026	
Billing account under Waste Disposal Ordinance	Account No.: 7040411	05 May 2021	N/A	Valid
Registration as a Chemical Waste Producer	0000-931-K3428-01	13 May 2021	N/A	Valid
Construction Noise Permit under Noise Control Ordinance for SSWSTW	GW-RS0921-21	26 Nov 2021	29-11-2021 to 28-05-2022	Expired on 28 May 2022
	GW-RS0428-22	26 May 2022	29-05-2022 to 28-11-2022	valid
	GW-RS0642-22	3 Aug 2022	05-08-2022 to 02-02-2023	Valid
Construction Noise Permit under Noise Control Ordinance for POSPS	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).



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) (mg/L), temperature ($^{\circ}$ C), turbidity (NTU), salinity (ppt) and pH (units) should be measured *in-situ* while suspended solids (SS) (mg/L) 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 Noise monitoring is evaluated against Action and Limit Levels. The action and limit levels for construction noise are defined in **Table 3.1** below.

Table 3.1 Action and Limit Levels for Construction Noise Impact Monitoring

Time Period	Action Level ^(a)	Limit Level
07:00 – 19:00 hours on normal weekdays	When one documented complaint is received from any one of the noise sensitive receivers or 75 dB(A) recorded at the monitoring station	<ul style="list-style-type: none"> • 70 db(A) for school and • 65 db(A) during examination period
Notes: (a) Limits specified in the GW-TM and IND-TM for construction and operational noise, respectively.		



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 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 3.2** below.

Table 3.2 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

3.2.4 Transplanting works for plant species, *Aquilaris sinensis*, was completed on 26 April 2022. Maintenance works for trees in holding nursery have commenced.



- 3.2.5 Monitoring of maintenance works for the transplanted plant species was conducted at the holding nursery while in the reporting period.
- 3.2.6 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 (**Figure 3.1**) which are considered to be the plant species with conservative importance for temporarily transplanted to the nursery (**Figure 3.2**) at Kam Tin and eventually be transplanted to Pui O Pumping Station.

4. Site Inspection and Audit Reports

4.1. In the past twelve months, total 52 nos. of joint site inspection to evaluate site environmental performance has been carried out by the RE, ET and the Contractor. Moreover, IEC attended total 12 occasion's joint site inspection and SSEMC during the reporting period. The quantity of reminders/observations is summarized in **Table 4.1**.

Table 4.1 Summary of Environmental Inspections

Inspection Period	Date of Inspection	Nos. of Findings	Follow-Up Status
November 2021	2, 9, 16, 22 and 30 Nov 2021	5	Completed
December 2021	7, 17, 21 and 28 Dec 2021	7	Completed
January 2022	6, 11, 17, 25 and 31 January 2022	8	Completed
February 2022	8, 15, and 24 February 2022	3	Completed
March 2022	1, 8, 15, 21 and 29 March 2022	7	Completed
April 2022	6, 13, 19 and 26 Apr 2022	8	Completed
May 2022	3, 10, 17, 23 and 31 May 2022	13	Completed
June 2022	7, 14, 20 and 28 June 2022	6	Completed
July 2022	5, 12, 18 and 26 July 2022	12	Completed
August 2022	2, 9, 15, 23 and 30 August 2022	8	Completed
September 2022	6, 13, 19 and 27 September 2022	6	Completed
October 2022	3, 11, 17 and 25 October 2022	7	Completed

4.2. In the past twelve months, total 8 nos. of joint site inspection of holding nursery visit for transplanted trees has been carried out by the ET and the Contractor. The quantity of reminders/observations is summarized in **Table 4.2**.

Table 4.2 Summary of Ecological Impact Monitoring

Inspection Period	Date of Inspection	Nos. of Findings	Follow-Up Status
March 2022	31 March 2022	3	Completed
April 2022	26 Apr 2022	3	Completed
May 2022	31 May 2022	1	Completed
June 2022	28 June 2022	2	Completed



Inspection Period	Date of Inspection	Nos. of Findings	Follow-Up Status
July 2022	18 July 2022	2	Completed
August 2022	15 August 2022	1	Completed
September 2022	28 September 2022	2	Completed
October 2022	18 October 2022	0	Completed



5. Monitoring Results Analysis

5.1 Noise Monitoring

- 5.1.1 Noise monitoring was conducted at five (5) noise monitoring stations N12a, N12b, N13, N14 and N17 once per week from November 2021 to May 2022, Seven (7) noise monitoring stations (N12a, N12b, N13, N14, N16a, N16b and N17) conducted from June 2022 to September 2022 once per week. Eight (8) noise monitoring stations (N12a, N12b, N13, N14, N15b, N16a, N16b and N17) once per week started from 6 October 2022.
- 5.1.2 School examination was taken place at N17 – Bui O Public School from 6 to 7 and 10 to 11 January 2022 in the reporting period, the limit level shall be adjusted to 65dB(A) during this period.
- 5.1.3 Noise monitoring location plans with sensitive receivers are shown in [Figure 5.1](#).
- 5.1.4 In the reporting period, the major work activities undertaken are as follows:
- Ground investigation works and preliminary drilling works at SSWSTW and POSPS.
 - Excavation and site formation works at SSWSTW and POSPS
 - Tree pruning, removal, digging Recipient site preparation and transplanting works at SSWSTW and POSPS.
 - HDD works at marine and SSWSTW
 - Village sewers (excavation, sewer laying, construction of manhole) at Pui O Lo Uk Tsuen.
 - Pre-drilling work at Pui O beach road
 - Installation of silt curtain and construction of temporary marine platform
 - Excavation at South Lantau Road
 - ELS works at POSPS
- 5.1.5 In the reporting period, total 307 of impact noise monitoring at proposed locations were carried out by the Environmental Team (ET). Detailed noise monitoring results measured in this reporting period are reviewed and summarized. Details of noise monitoring results and graphical presentation can be referred in [Appendix 5.2](#). The number of noise monitoring carried out in each month during the reporting period are shown in [Table 5.1](#) below,

Table 5.1 *The number of noise monitoring carried out in each month during the reporting period (November 2021 to October 2022)*



Reporting Month	No. of Noise Monitoring
November 2021	25
December 2021	20
January 2022	20
February 2022	20
March 2022	25
April 2022	20
May 2022	20
June 2022	35
July 2022	28
August 2022	28
September 2022	35
October 2022	31

5.1.6 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 Water quality monitoring on 16 April 2022 during flood tide, 12 May 2022 during ebb and flood tide, 2, 4 July 2022 during ebb and flood tide, 9 August 2022 during ebb and flood tide, 24 August 2022 during flood tide, 28 September 2022 during ebb and flood tide, 30 September



2022 during ebb tide, 10, 18 and 20 October 2022 during ebb and flood tide was cancelled due to adverse weather. No substitution would be arranged for such cancellation since it is impossible to maintain the monitoring frequency as three times a week for the event of marine water quality monitoring cancellation in between time with respect to the fact that not less than 36 hours interval shall be followed for two monitoring days as required by the EM&A Manual Clause 5.1.6 (b) for the project.

5.2.5 In the reporting period, total 78 of WQM for ebb-tide and 77 of WQM for flood-tide at proposed locations were carried out by the ET Details of marine water quality monitoring results and graphical presentation can be referred in [Appendix 5.3](#).

Table 5.2 The number of water quality monitoring carried out in each month during the reporting period (November 2021 to October 2022)

Reporting Month	No. of Water Quality Monitoring		
	Ebb	Flood	Sub-total
November 2021*	0	0	0
December 2021*	0	0	0
January 2022*	0	0	0
February 2022*	0	0	0
March 2022*	0	0	0
April 2022	9	8	17
May 2022	12	12	24
June 2022	13	13	26
July 2022	11	11	22
August 2022	13	12	25
September 2022	11	12	23



October 2022	9	9	18
Total	78	77	155

*Due to no marine-based construction works, no water quality monitoring was conducted from Nov 2021 to Mar 2022.

5.2.6 In accordance with EM&A Manual, 319 action level and 0 limit level exceedances on DO, 73 action level and 223 limit level exceedances on turbidity, 45 action level and 192 limit level exceedances on SS were recorded in the reporting period of 1 November 2021 to 31 October 2022.

5.2.7 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, 6 action level and 0 limit level exceedances on SS and 0 action level and limit level exceedance on DO were recorded in the reporting period of 2 September 2022 to 31 October 2022.

Table 5.3 The number of water quality exceedances in each month during the reporting period (November 2021 to October 2022)

Station	Level exceeded	Parameter	DO (S&M)		DO (Bottom)		Turbidity		SS		Exceedance count	
			Mid Ebb	Mid Flood	Mid Ebb	Mid Flood	Mid Ebb	Mid Flood	Mid Ebb	Mid Flood	Mid Ebb	Mid Flood
April 2022	Action		21	17	15	10	3	2	2	3	41	32
	Limit		0	0	0	0	42	38	21	30	63	68
May 2022	Action		41	37	20	20	6	5	2	6	69	68
	Limit		0	0	0	0	27	28	33	19	60	47
June 2022	Action		40	41	16	19	8	7	8	3	72	70
	Limit		0	0	0	0	26	19	30	6	56	25
July 2022	Action		0	0	0	0	4	12	9	2	13	14
	Limit		0	0	0	0	22	4	17	8	39	12
August 2022	Action		7	7	3	2	20	7	9	4	39	20
	Limit		0	0	0	0	8	8	20	10	28	18
September 2022	Action		0	0	0	0	0	3	0	0	0	3
	Limit		0	0	0	0	0	0	0	0	0	0
October 2022	Action		0	0	0	0	0	0	5	1	5	1
	Limit		0	0	0	0	0	0	0	0	0	0
Total	Action		109	102	54	51	41	36	35	19	447	
	Limit		0	0	0	0	125	97	121	73	416	

5.2.8 Overall exceedances on turbidity and SS (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 month 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.

- 5.2.9 Co-related the monitoring dates with those days with recorded marine works activities, the silt curtain was in proper condition and no marine dredging works were active in the reporting period. Mitigation measures including remove debris and loose material on working barge with working area was fully enclosed by silt curtain with good condition. It can be concluded that all the exceedances in the reporting period were possible due to natural runoff from streams to the sea as a result of frequent rainfall as recorded in the reporting period and not project related.
- 5.2.10 Marine water quality monitoring results measured in this reporting period are reviewed and summarized. Details of marine water quality monitoring results and graphical presentation can be referred in [Appendix 5.3](#).

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 period are summarized in **Table 5.4**. The Annual Summary Waste Flow Table is shown in [Appendix 5.1](#).

Table 5.4 Summary of Quantities of Waste Material (November 2021 to October 2022)

Waste Type	Quantity for reporting period	Cumulative Quantity-to-Date
Hard Rock and Large Broken Concrete (Inert) (in '000m ³)	0	0



Waste Type	Quantity for reporting period	Cumulative Quantity-to-Date
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)	7.76	7.76
Metals (in '000kg)	1.56990	1.56990
Paper / Cardboard Packing (in '000kg)	0.22938	0.22938
Plastics (in '000kg)	0.02336	0.02336
Chemical Wastes (in '000kg)	0	0
General Refuses (in '000kg)	282.24	282.24

Remark: Summary of waste disposal has been updated in this annual report.



6. Complaints, Notification of Summons and Prosecution

6.1.1 One environmental complaint regarding to a resident listened the construction noise within restricted hours (around 3 p.m. on 22/5/2022) at marine site from San Shek Wan, Lantau Island received on 26 May 2022. The site diary of 22 May 2022 from ER was reviewed and the only site activity was diver inspection for checking the silt curtain underwater condition. Valid CNP was in place (CNP GW-RS0921-21). No construction activities and no powered mechanical equipment were in operation on sea side. Based on the above information, noise nuisance from the Project is unlikely to be valid.

Table 6.1 Summary of Complaints in the Reporting Period

Date of Notification from EPD	Date of Complaint	Description of Complaint	Validity of Complaint	Close-Out Date / Status
26 May 2022	22 May 2022	A complaint is regarding noise nuisance from marine site of San Shek Wan, Lantau Island.	Based on the investigation, the works activities of marine works did not result in any noise nuisance to Noise Sensitive Receivers (NSRs), noise nuisance from the Project is unlikely to be valid.	The interim report was submitted to EPD in June 2022. EPD replied no further comments on the final investigation report on 13 July 2022.

6.1.2 No notification of summons and successful prosecution regarding construction works were recorded in the reporting period.

6.1.3 Cumulative statistic on complaints and successful prosecutions are summarized in **Table 6.2** and **Table 6.3** respectively.

Table 6.2 Cumulative Statistics on Complaints

Reporting Period	No. of Complaints
November 2021 - October 2022	1
Project commencement to the end of last reporting period	1
Total	1

Table 6.3 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 The environmental mitigation measures that recommended in the Implementation Status of Recommended Mitigation Measure in the Project EM&A Manual covered the issues of Air Quality, Noise, Water Quality, Ecological Impact, Waste Management Implication, Landscape & Visual and Cultural Heritage and presented in **Appendix 7.1**.

7.1.2 The recommended mitigation measures for the reporting period are listed below:

- Proper water pollution control measures to be taken to prevent untreated effluent discharge from site work
- Dust control during dust generating works;
- Implementation of proper noise pollution control;
- Tree protection works within the Project Site; and
- Proper waste handling, recycling and storage.
- Ensure the transplanting of the trees including *Aquilaris sinensis* and their establishment are not affected by any unacceptable construction works;
- Adopt surface drainage and sediment control facilities for sewage installation in village and public roads;
- 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.
- Vehicle wheel-washing and body washing facilities should be provided at the site entrance;
- Implementation of noise pollution control including use of QPME in accordance with Construction Noise Mitigation Plan;
- Adopt temporary drainage and sediment control facilities on Site;
- Silt curtains should be installed to surround the marine dredging area in accordance with Silt Curtain Deployment Plan.
- Adopt temporary drainage and sediment control facilities on Site;
- Regular water spraying on drilling, exposed area and excavation works for dust control;
- To inspect the condition of silt curtains on regular basis, and after adverse weather including any rainstorms and typhoons in wet season.

The implemented mitigation measures are considered effective.



8. Conclusion

8.1 Noise Monitoring.

8.1.1 No action or limit level exceedance was recorded in construction noise level in this present period.

8.2 Water Quality Monitoring

8.2.1 Marine-based construction works has been commenced since 19 April 2022, marine water monitoring was initialised since 12 April 2022.

8.2.2 In accordance with EM&A Manual, 319 action level and 0 limit level exceedances on DO, 73 action level and 223 limit level exceedances on turbidity, 45 action level and 192 limit level exceedances on SS were recorded in the reporting period of 1 November 2021 to 31 October 2022.

8.2.3 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, 6 action level and 0 limit level exceedances on SS and 0 action level and limit level exceedance on DO were recorded in the reporting period of 2 September 2022 to 31 October 2022.

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 period.

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

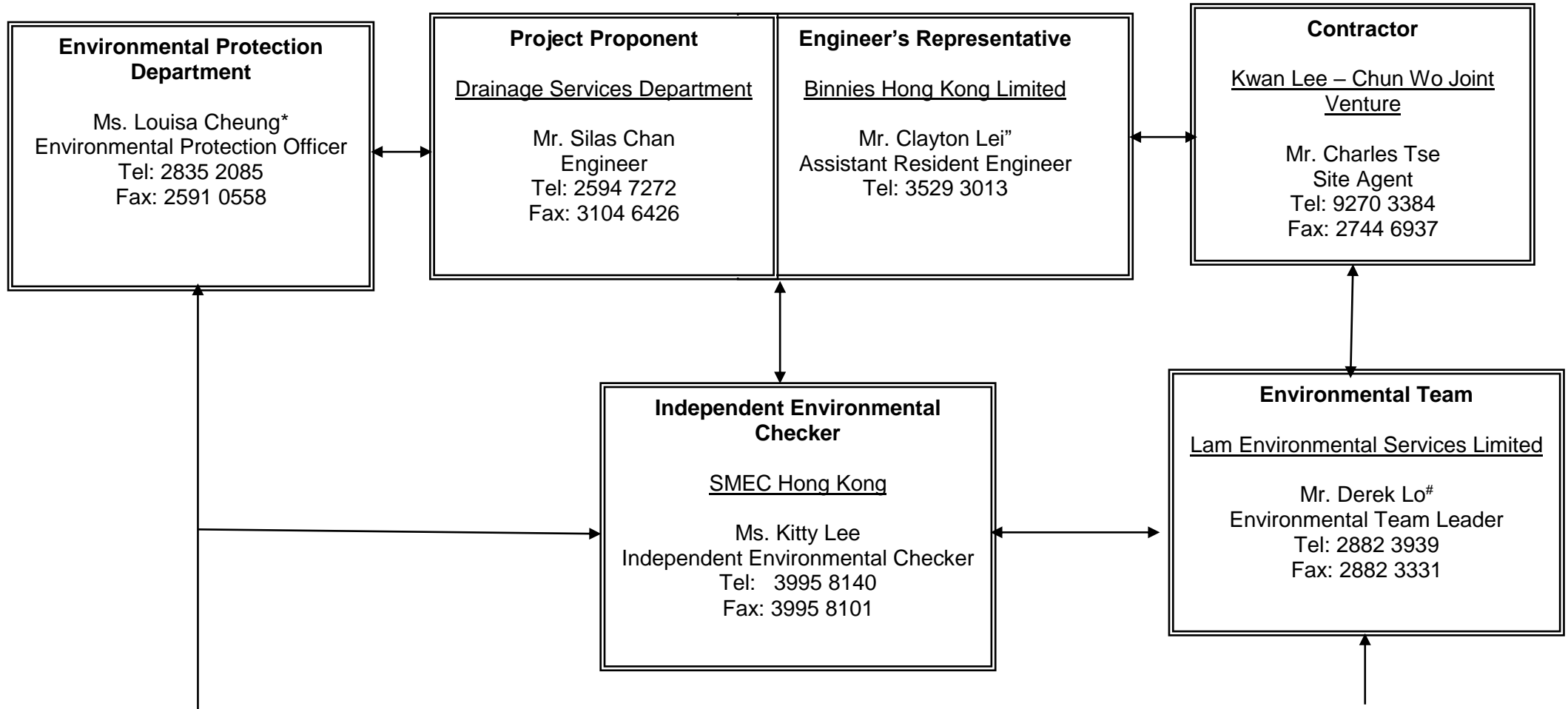
8.5.1 There was no particular action taken since no non-compliance was recorded in present period.



Figure 2.1
Project Organisation Chart



Project Organization Chart



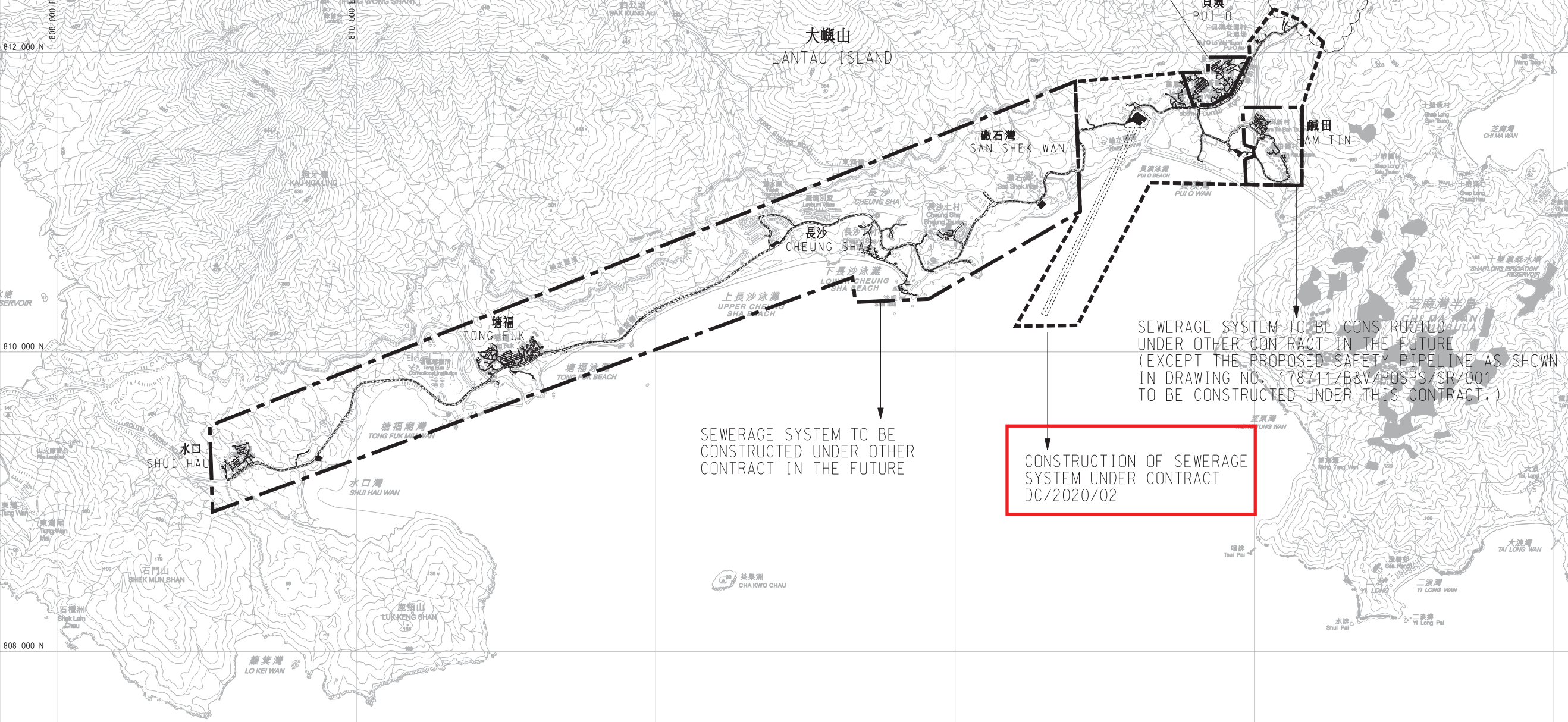
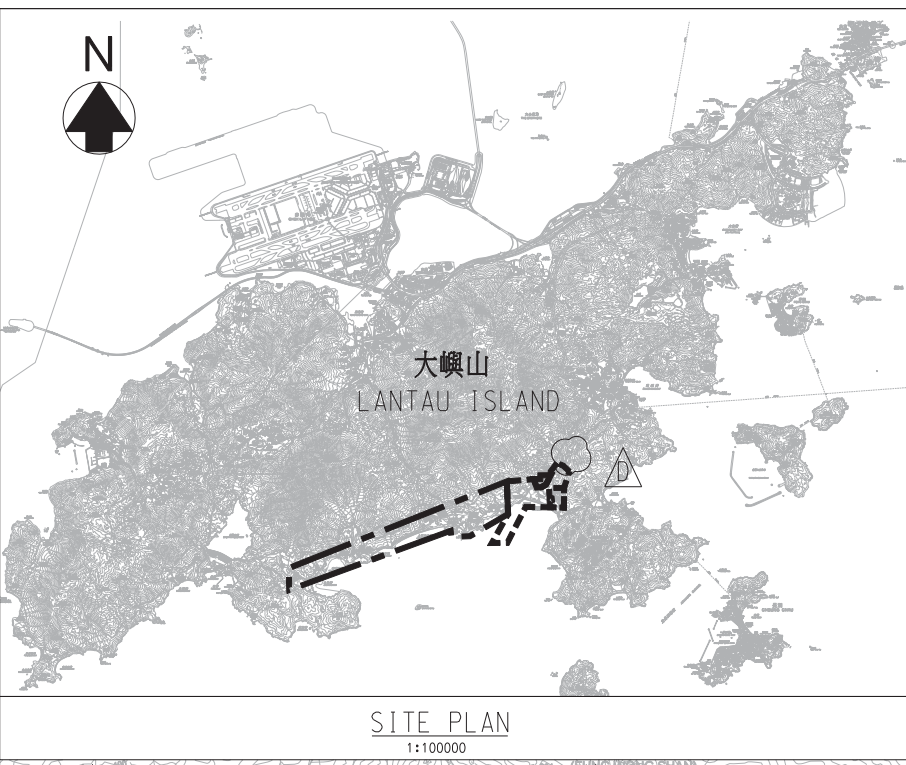
*Environmental Protection Officer change from Mr. Jason Tse to Ms. Louisa Cheung start from June 2022
 # Environmental Team Leader change from Ms. Melody Cheng to Mr. Derek Lo start from July 2022
 ** Engineer's Representative change from Mr. Clarence Chak to Mr. Clayton Lei start from September 2022

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
Initial	Designed	Checked	Drawn
	TFL	BL	SZ
Date	04/20	04/20	04/20

Approved: *Christina*

Contract no. DC/2020/02

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

Drawing title
SOUTH LANTAU SEWERAGE WORKS - MASTER LAYOUT PLAN

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

Scale 1 : 15000

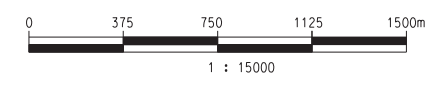
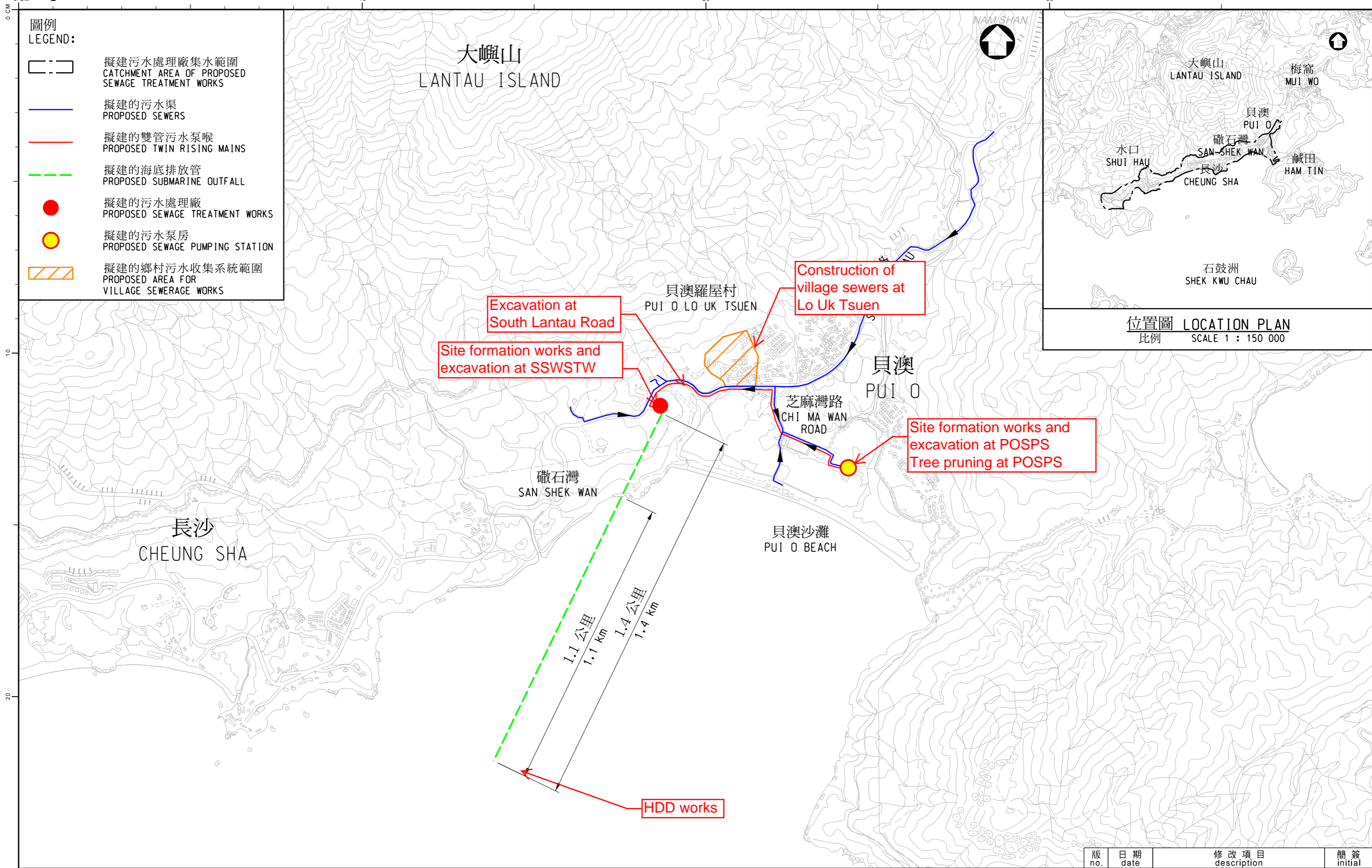




Figure 2.3
Contract Layout Plan

Figure 2.2



圖則名稱 drawing title
 工務工程計劃編號331DS - 離島污水收集系統第2階段
 - 南大嶼山污水收集系統工程
 PWP ITEM NO.331DS - OUTLYING ISLANDS SEWERAGE, STAGE 2
 - SOUTH LANTAU SEWERAGE WORKS

繪畫 drawn <i>SIGNED</i> W. H. CHAN	日期 date 27 APR 2020	修改項目 description	簡簽 initial
核對 checked <i>SIGNED</i> Ir K. S. CHAN	日期 date 27 APR 2020	圖則編號 drawing no. DVD/2020/001	比例 scale 1:12 500
批核 approved <i>SIGNED</i> Ir L. CHEN	日期 date 27 APR 2020	保留版權 COPYRIGHT RESERVED	
部門 office 特別職務部 SPECIAL DUTY DIVISION	香港特別行政區政府渠務署 DRAINAGE SERVICES DEPARTMENT GOVERNMENT OF THE HONG KONG SPECIAL ADMINISTRATIVE REGION		



Figure 3.1

Original location of Aquilaris sinensis

Figure 2.5 - Mark up Figure 5.4i extracted from approved EIA Report (AEIAR-210/2017)

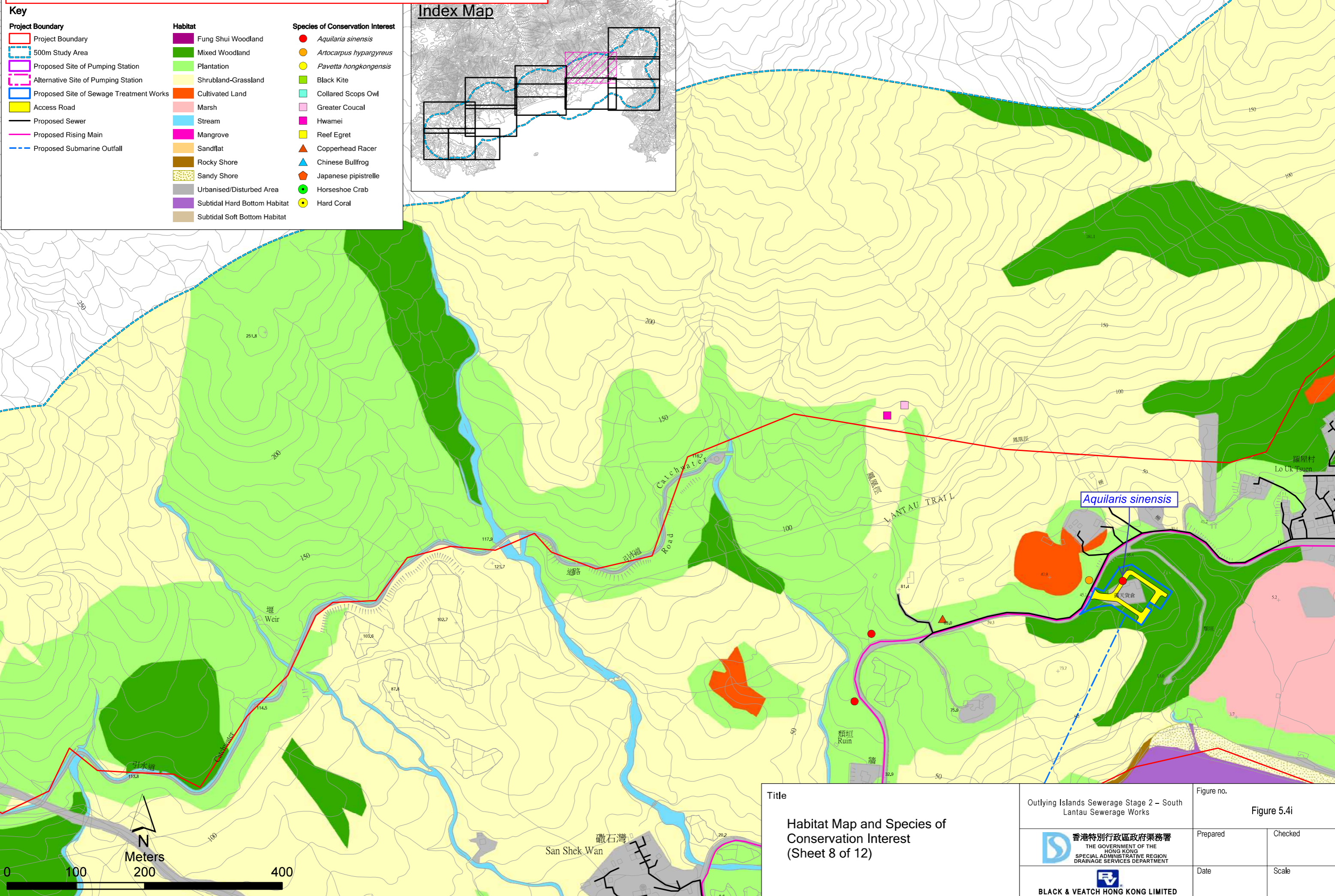
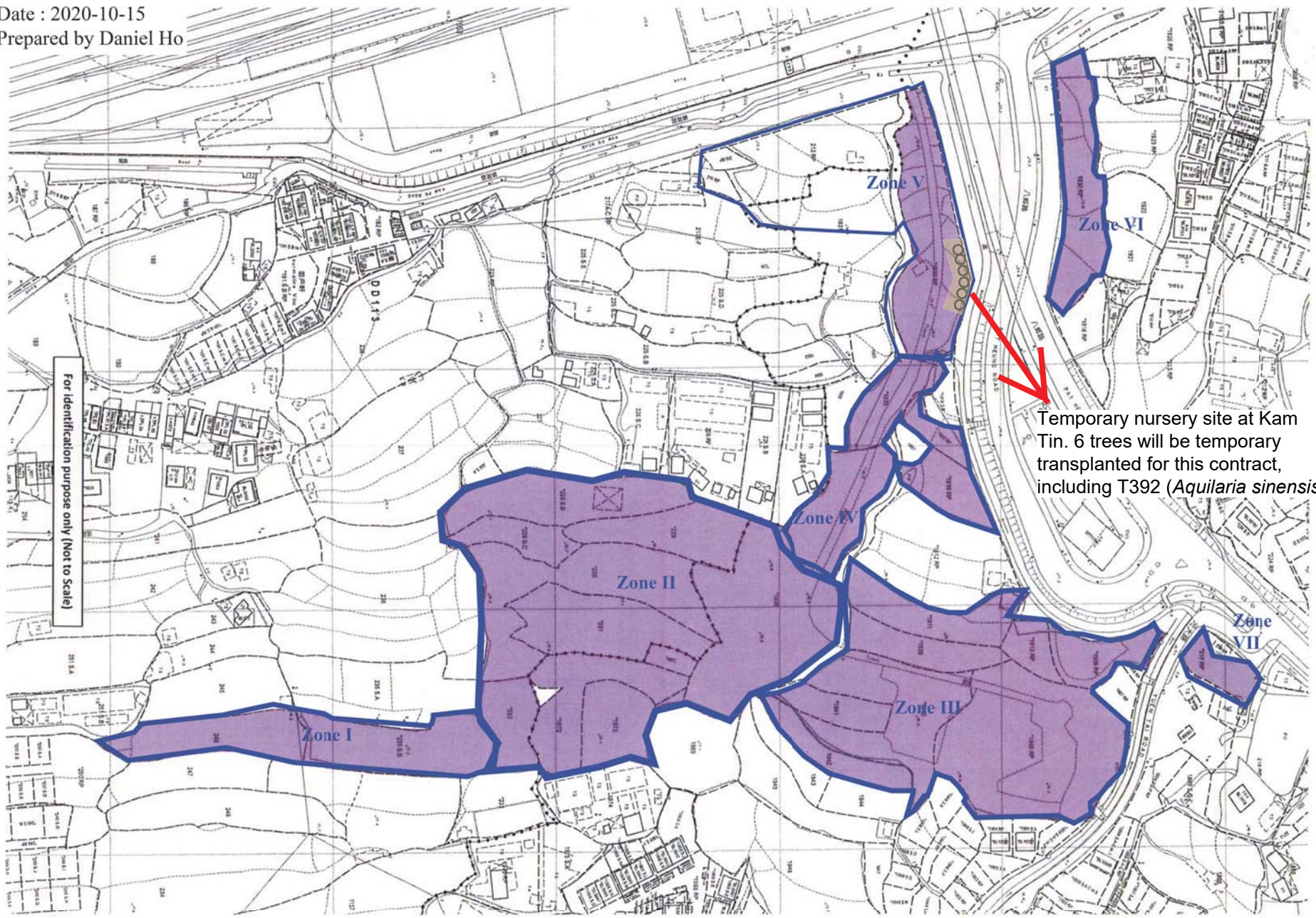




Figure 3.2
Temporary Holding Nursery


Figure 2.6

Date : 2020-10-15
Prepared by Daniel Ho



COPY RIGHT®

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

 **Toyo Greenland Co., Ltd.**

Drawing Title : Location Plan for 6 nos. Trees on Kam Tin Nursery

Check : Ho Tat Pui, Daniel

Scale : N.T.S.

Rev.

Ref: C3109/22/TGD0164

Date : 10 January 2022








00






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

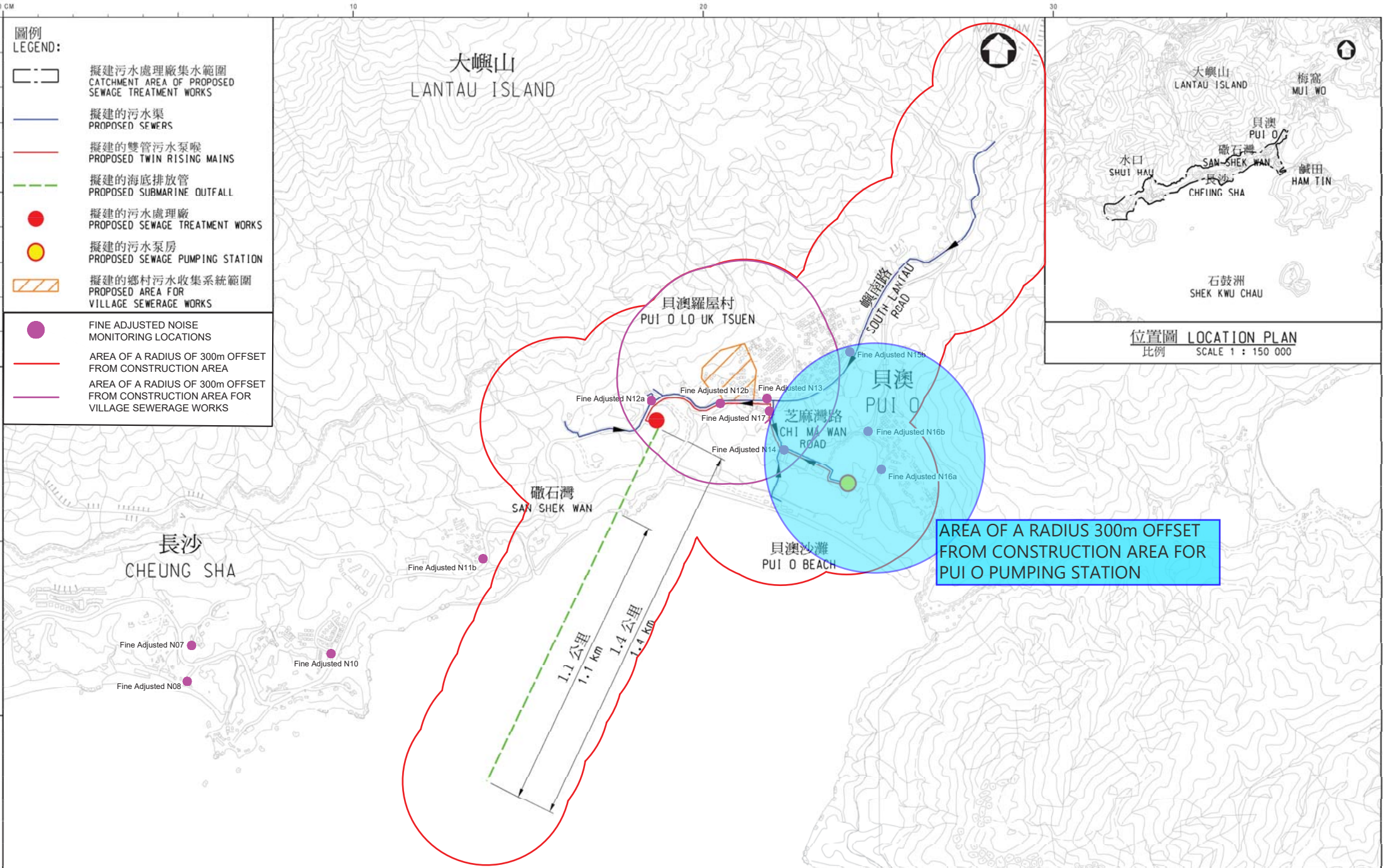
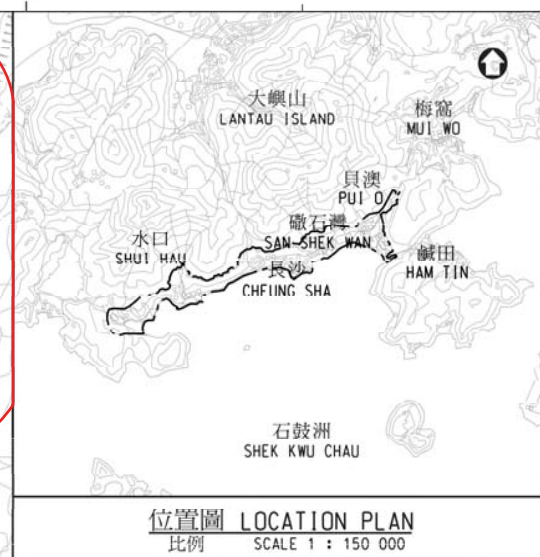
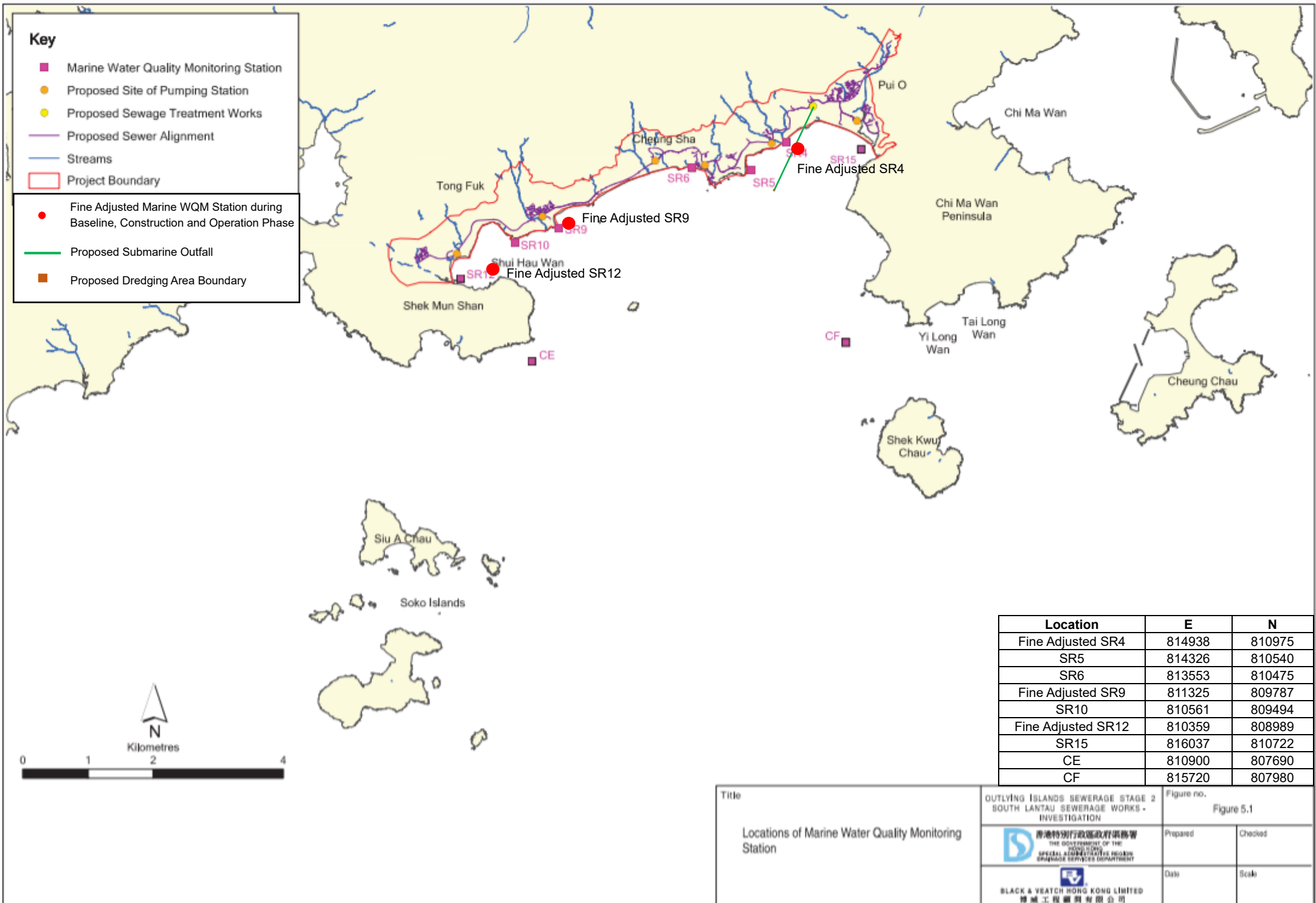




Figure 5.2

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
			Date	Scale



Appendix 5.1

Annual 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

Summary Waste Flow Table (Nov 2021 - Oct 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)
Nov-21	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00	6.24
Dec-21	0.04	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	7.47
Jan-22	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00	58.35
Feb-22	2.37	0.00	0.00	0.00	2.37	0.00	0.00	0.00	0.00	0.00	52.60
Mar-22	2.51	0.00	0.00	0.00	2.51	0.00	1.55	0.00	0.00	0.00	34.82
Apr-22	0.62	0.00	0.00	0.00	0.62	0.00	0.00	0.05	0.00	0.00	9.74
May-22	0.21	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.00	17.38
Jun-22	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.07	0.00	0.00	33.94
Jul-22	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	17.34
Aug-22	0.10	0.00	0.00	0.00	0.10	0.00	0.00	0.04	0.01	0.00	18.25
Sep-22	0.67	0.00	0.00	0.00	0.67	0.00	0.00	0.00	0.00	0.00	16.93
Oct-22	1.18	0.00	0.00	0.00	1.18	0.00	0.00	0.05	0.00	0.00	9.18
Total	7.76	0.00	0.00	0.00	7.76	0.00	1.57	0.23	0.02	0.00	282.24

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.

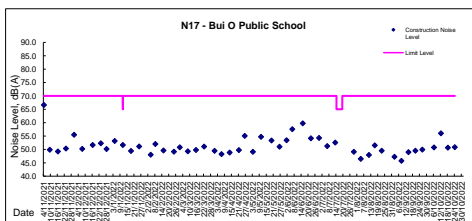
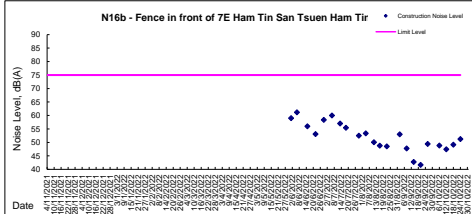
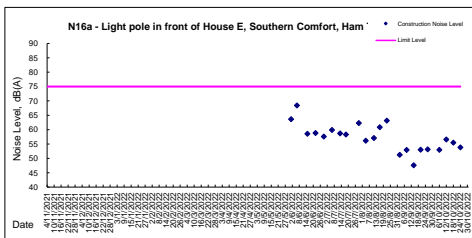
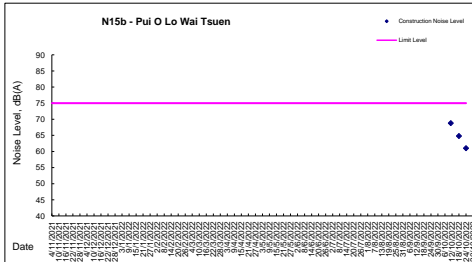
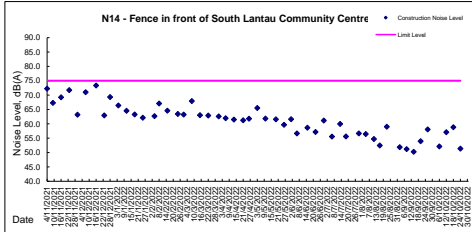
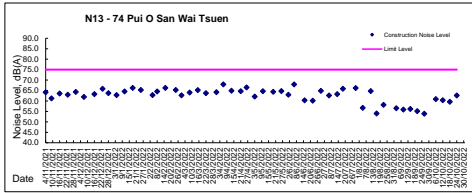
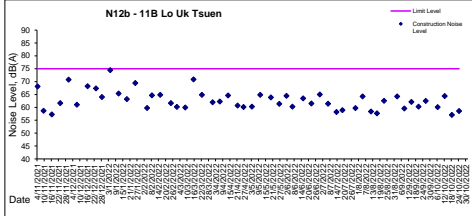
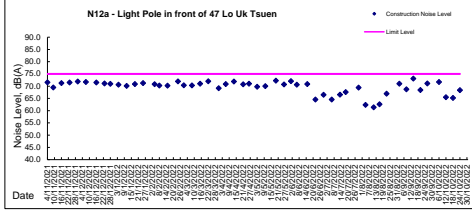


Appendix 5.2

Noise Monitoring Results and 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	Time	Measurement Noise Level			Average Noise Level	Baseline Level	Construction Noise Level	Limit Level
			Leq	L10	L90	Leq	Leq	Leq	Leq
			Unit: dB(A), (5-min)			Unit: dB(A), (30-min)			
4 Nov 2021	Fine	11:22	71.2	74.4	48.6	71.6	73.3	<Baseline Level	75
		11:27	70.8	74.7	47.6				
		11:32	72.8	76.2	49.2				
		11:37	71.6	73.9	49.2				
		11:42	68.5	70.3	49.3				
9 Nov 2021	Fine	11:47	73.0	76.4	53.0	69.5	73.3	<Baseline Level	75
		17:59	69.5	73.2	52.3				
		18:04	71.8	75.1	40.3				
		18:09	71.2	75.2	47.7				
		18:14	69.0	69.9	37.1				
16 Nov 2021	Sunny	18:19	66.5	70.7	41.0	71.3	73.3	<Baseline Level	75
		18:24	65.2	70.1	40.6				
		13:24	71.0	74.0	53.1				
		13:29	70.0	74.3	52.9				
		13:34	71.4	75.8	52.2				
23 Nov 2021	Cloudy	13:39	70.1	73.7	52.4	71.5	73.3	<Baseline Level	75
		13:44	72.8	77.5	52.9				
		13:49	71.6	75.2	50.9				
		16:28	70.7	75.5	51.4				
		16:33	72.1	76.0	51.5				
30 Nov 2021	Sunny	16:38	70.5	74.9	51.4	71.9	73.3	<Baseline Level	75
		16:43	72.2	76.2	52.6				
		16:48	72.8	77.0	52.5				
		16:53	69.9	74.3	51.4				
		14:44	74.1	77.5	51.4				
		14:49	71.2	75.9	50.4				
		14:54	70.0	74.4	50.1				
		14:59	72.2	76.0	53.4				
		15:04	70.8	75.0	51.0				
		15:09	71.9	75.5	49.7				



Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

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

Date	Weather	Time	Measurement Noise Level			Average Noise Level	Baseline Level	Construction Noise Level	Limit Level
			Leq	L10	L90	Leq	Leq	Leq	Leq
			Unit: dB(A), (5-min)			Unit: dB(A), (30-min)			
7 Dec 2021	Fine	10:45	74.1	78.4	51.4	71.7	73.3	<Baseline Level	75
		10:50	69.5	73.8	50.7				
		10:55	70.4	73.9	47.3				
		11:00	72.9	76.1	49.2				
		11:05	69.9	74.1	50.6				
		11:10	71.6	76.0	49.0				
16 Dec 2021	Sunny	10:41	69.4	73.4	49.0	71.5	73.3	<Baseline Level	75
		10:46	67.7	72.6	49.8				
		10:51	74.1	77.5	50.3				
		10:56	71.5	75.6	48.8				
		11:01	70.7	75.1	52.0				
		11:06	72.7	75.4	52.1				
23 Dec 2021	Cloudy	14:21	70.0	74.8	46.7	71.1	73.3	<Baseline Level	75
		14:26	71.3	75.7	46.2				
		14:31	68.7	73.6	46.8				
		14:36	70.8	74.4	47.9				
		14:41	71.8	75.1	49.4				
		14:46	72.9	76.4	49.0				
28 Dec 2021	Sunny	13:06	70.7	74.9	47.2	71.0	73.3	<Baseline Level	75
		13:11	70.2	74.5	50.0				
		13:16	71.6	76.3	50.8				
		13:21	70.9	74.9	49.9				
		13:26	72.2	75.3	54.3				
		13:31	69.6	74.3	49.5				



Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

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

Date	Weather	Time	Measurement Noise Level			Average Noise Level	Baseline Level	Construction Noise Level	Limit Level
			Leq	L10	L90	Leq	Leq	Leq	Leq
			Unit: dB(A), (5-min)			Unit: dB(A), (30-min)			
4 Jan 2022	Sunny	13:46	69.9	74.3	49.7	70.6	73.3	<Baseline Level	75
		13:51	70.0	73.8	51.3				
		13:56	73.4	76.8	50.8				
		14:01	71.4	73.2	48.6				
		14:06	68.5	71.2	48.9				
		14:11	68.2	72.9	50.3				
11 Jan 2022	Sunny	13:51	70.6	75.1	48.2	70.1	73.3	<Baseline Level	75
		13:56	71.0	75.8	44.5				
		14:01	69.2	74.0	45.6				
		14:06	70.8	75.6	48.0				
		14:11	69.6	73.3	45.1				
		14:16	69.2	72.1	45.8				
18 Jan 2022	Cloudy	10:01	70.9	74.6	43.5	70.9	73.3	<Baseline Level	75
		10:06	70.0	74.3	44.8				
		10:11	67.9	72.4	44.8				
		10:16	69.9	74.4	46.1				
		10:21	73.4	77.1	44.8				
		10:26	71.2	75.4	44.2				
25 Jan 2022	Cloudy	10:41	69.3	73.8	46.6	71.3	73.3	<Baseline Level	75
		10:46	72.6	75.0	47.9				
		10:51	71.1	75.1	52.2				
		10:56	72.4	76.8	52.1				
		11:01	70.1	74.3	48.3				
		11:06	71.2	75.9	49.5				



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	Limit Level	Major Construction Noise Source(s)	Other Noise Source(s)
					Leq	L10	L90						
					Unit: dB(A), (5-min)								
4 Feb 2022	Cloudy	3.9	93.9	11:31	70.0	73.0	46.8	70.8	73.3	<Baseline Level	75	Nil	Traffic, wildlife
				11:36	72.5	76.6	48.9						
				11:41	72.4	76.6	48.3						
				11:46	70.6	75.4	47.7						
				11:51	66.1	70.0	44.0						
				11:56	70.8	75.5	40.6						
8 Feb 2022	Cloudy	3.1	94.0	10:36	71.9	75.4	48.5	70.3	73.3	<Baseline Level	75	Nil	Traffic
				10:41	70.8	75.7	46.4						
				10:46	69.4	73.4	45.0						
				10:51	68.8	71.6	43.3						
				10:56	71.6	75.8	51.4						
				11:01	67.3	71.1	52.0						
15 Feb 2022	Sunny	2.8	94.0	10:41	70.5	75.1	51.7	70.2	73.3	<Baseline Level	75	Nil	Traffic
				10:46	68.4	72.2	46.6						
				10:51	71.4	74.9	51.3						
				10:56	69.8	72.9	47.5						
				11:01	67.5	71.3	53.3						
				11:06	72.1	76.2	56.1						
24 Feb 2022	Sunny	1.5	94.0	10:41	72.6	77.2	50.8	72.0	73.3	<Baseline Level	75	Site clearance (excavation, dump trunk)	Traffic
				10:46	71.0	75.4	50.2						
				10:51	71.0	74.8	48.6						
				10:56	71.4	74.4	50.7						
				11:01	72.4	76.0	49.8						
				11:06	73.0	76.8	47.5						



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	Limit Level	Major Construction Noise Source(s)	Other Noise Source(s)
					Leq	L10	L90						
					Unit: dB(A), (5-min)								
1 Mar 2022	Sunny	1.6	94.4	13:01	71.3	75.7	46.5	70.4	73.3	<Baseline Level	75	Rock breaking at SSWSTW	Traffic, wildlife
				13:06	68.4	72.6	45.7						
				13:11	70.5	74.6	48.5						
				13:16	71.6	75.1	51.6						
				13:21	68.0	72.6	48.6						
				13:26	71.1	74.9	51.4						
8 Mar 2022	Sunny	1.5	93.2	10:36	71.9	75.5	50.8	70.3	73.3	<Baseline Level	75	Rock breaking at SSWSTW	Traffic
				10:41	69.7	71.3	46.2						
				10:46	71.2	75.4	48.3						
				10:51	68.8	71.6	43.3						
				10:56	70.0	73.0	58.0						
				11:01	69.4	73.0	51.1						
15 Mar 2022	Sunny	1.0	93.3	10:26	71.1	74.3	49.1	71.0	73.3	<Baseline Level	75	Nil	Traffic
				10:31	72.5	74.2	48.5						
				10:36	69.7	74.1	54.1						
				10:41	71.1	74.3	50.3						
				10:46	71.7	74.7	47.5						
				10:51	69.1	73.6	49.6						
22 Mar 2022	Sunny	1.3	93.5	9:36	71.5	75.1	55.6	72.0	73.3	<Baseline Level	75	Excavation	Traffic
				9:41	70.8	75.2	47.8						
				9:46	74.1	77.6	47.8						
				9:51	71.2	74.4	50.1						
				9:56	71.3	75.0	47.7						
				10:01	72.4	76.9	50.9						
31 Mar 2022	Sunny	3.7	93.5	13:36	67.8	72.0	51.5	69.2	73.3	<Baseline Level	75	Excavation	Traffic
				13:41	69.8	73.6	50.5						
				13:46	70.4	74.6	50.9						
				13:51	68.1	70.8	49.1						
				13:56	70.5	74.2	50.6						
				14:01	67.2	72.1	50.1						



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	Limit Level	Major Construction Noise Source(s)	Other Noise Source(s)
					Leq	L10	L90						
					Unit: dB(A), (5-min)								
6 Apr 2022	Sunny	1.4	93.6	10:51	72.5	76.5	51.1	70.9	73.3	<Baseline Level	75	Excavation	Traffic
				10:56	70.6	74.0	48.5						
				11:01	68.6	71.6	49.2						
				11:06	70.1	74.2	48.7						
				11:11	71.7	75.2	48.8						
				11:16	70.8	75.7	47.3						
13 Apr 2022	Cloudy	1.5	93.6	10:11	72.0	76.0	51.3	71.9	73.3	<Baseline Level	75	Rock breaking at SSWSTW	Traffic
				10:16	71.4	75.9	51.3						
				10:21	68.3	72.2	48.8						
				10:26	73.6	77.0	51.4						
				10:31	73.5	76.2	55.2						
				10:36	70.8	74.8	54.4						
21 Apr 2022	Sunny	1.0	93.5	12:56	70.5	74.6	48.2	70.8	73.3	<Baseline Level	75	Concreting	Traffic
				13:01	72.7	72.6	47.7						
				13:06	71.9	75.3	47.9						
				13:11	67.9	72.3	46.5						
				13:16	70.9	73.6	47.3						
				13:21	69.0	72.9	47.6						
26 Apr 2022	Sunny	1.1	93.7	10:51	71.2	73.9	49.1	71.0	73.3	<Baseline Level	75	Nil	Traffic
				10:56	70.7	74.6	50.5						
				11:01	68.9	72.4	49.5						
				11:06	71.6	74.8	48.4						
				11:11	71.7	77.1	49.8						
				11:16	71.5	71.9	46.8						



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	Limit Level	Major Construction Noise Source(s)	Other Noise Source(s)
					Leq	L10	L90	Leq	Leq	Leq			
					Unit: dB(A), (5-min)			Unit: dB(A), (30-min)					
3 May 2022	Sunny	1.5	93.5	11:36	71.2	72.3	47.5	69.8	73.3	<Baseline Level	75	N/A	Traffic
				11:41	71.2	74.1	47.1						
				11:46	69.4	73.4	50.6						
				11:51	68.4	69.1	48.0						
				11:56	69.0	72.5	45.7						
			12:01	68.5	70.5	48.7							
10 May 2022	Cloudy	0.8	93.8	10:26	72.0	74.3	47.7	70.0	73.3	<Baseline Level	75	N/A	Traffic
				10:31	69.3	74.0	52.3						
				10:36	69.7	73.7	49.3						
				10:41	68.6	71.7	47.2						
				10:46	70.5	74.8	46.9						
			10:51	69.1	72.9	44.8							
19 May 2022	Sunny	0.0	94.0	11:41	73.8	77.9	51.4	72.3	73.3	<Baseline Level	75	N/A	Traffic
				11:46	72.2	74.9	51.3						
				11:51	68.4	71.0	54.2						
				11:56	71.2	75.1	54.4						
				12:01	72.5	75.6	53.8						
			12:06	73.6	76.3	54.2							
26 May 2022	Cloudy	1.0	94.0	10:06	70.3	74.4	55.3	70.7	73.3	<Baseline Level	75	N/A	Traffic
				10:11	68.1	71.9	53.8						
				10:16	70.8	75.0	53.1						
				10:21	71.5	76.0	51.7						
				10:26	70.6	74.6	51.2						
			10:31	72.1	75.0	50.8							



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)								
1 Jun 2022	Cloudy	1.5	94.1	13:31	73.4	78.1	57.7	72.1	73.3	<Baseline Level	75	Nil	Traffic
				13:36	71.8	75.6	56.3						
				13:41	72.5	74.5	56.8						
				13:46	69.3	72.4	56.9						
				13:51	73.5	77.7	57.3						
				13:56	70.5	74.3	57.9						
6 Jun 2022	Cloudy	0.8	94.1	14:21	72.2	76.0	57.2	70.6	73.3	<Baseline Level	75	blower	Traffic
				14:26	68.6	72.8	52.4						
				14:31	70.4	74.5	54.2						
				14:36	71.2	75.0	54.7						
				14:41	70.7	75.0	54.4						
				14:46	69.9	72.1	53.5						
15 Jun 2022	Cloudy	0.0	94.0	15:15	71.7	75.6	52.6	70.9	73.3	<Baseline Level	75	Nil	Traffic
				15:20	74.2	67.3	58.2						
				15:25	68.4	72.5	51.1						
				15:30	69.4	73.3	54.6						
				15:35	70.4	76.0	56.7						
				15:40	67.6	67.5	58.9						
22 Jun 2022	Sunny	1.0	94.0	13:40	65.6	69.6	57.6	64.6	73.3	<Baseline Level	75	Nil	Traffic
				13:45	61.3	63.8	54.5						
				13:50	64.9	67.8	55.6						
				13:55	65.1	58.9	54.3						
				14:00	57.2	70.3	55.7						
				14:05	67.3	72.4	56.2						
29 Jun 2022	Sunny	0.0	94.1	14:30	65.9	68.7	51.9	66.5	73.3	<Baseline Level	75	Nil	Traffic
				14:35	67.8	70.2	53.4						
				14:40	68.9	71.4	56.2						
				14:45	63.2	65.4	53.4						
				14:50	64.8	66.6	55.2						
				14:55	65.9	69.8	57.6						



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						
6 Jul 2022	Cloudy	1.5	94.1	16:50	63.5	66.7	54.1	64.6	73.3	<Baseline Level	75	Nil	Traffic
				16:55	66.8	70.0	55.3						
				17:00	62.1	65.8	57.6						
				17:05	63.5	65.7	56.8						
				17:10	67.2	70.2	59.8						
				17:15	60.4	62.3	54.0						
13 Jul 2022	Sunny	0.8	94.1	17:25	63.8	66.7	57.4	66.5	73.3	<Baseline Level	75	Nil	Traffic
				17:30	66.6	69.3	58.3						
				17:35	67.2	70.3	60.2						
				17:40	65.9	68.3	57.6						
				17:45	66.7	68.2	56.8						
				17:50	67.9	70.3	54.3						
18 Jul 2022	Sunny	1.8	94.1	16:30	65.8	69.1	56.6	67.6	73.3	<Baseline Level	75	Nil	Traffic
				16:35	67.3	70.1	57.8						
				16:40	66.4	68.9	54.2						
				16:45	67.0	70.3	56.7						
				16:50	69.3	72.8	58.9						
				16:55	68.8	72.3	58.4						
29 Jul 2022	Sunny	1.3	93.9	15:10	70.2	73.1	58.9	69.4	73.3	<Baseline Level	75	Nil	Traffic
				15:15	71.3	74.6	60.2						
				15:20	66.4	69.4	60.7						
				15:25	65.2	68.0	61.3						
				15:30	72.8	75.9	60.3						
				15:35	62.1	65.3	58.8						



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: 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: 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	Time	Measurement Noise Level			Average Noise Level	Baseline Level	Construction Noise Level	Limit Level
			Leq	L10	L90	Leq	Leq	Leq	Leq
			Unit: dB(A), (5-min)			Unit: dB(A), (30-min)			
4 Nov 2021	Fine	10:46	63.1	66.8	40.7	68.1	76.8	<Baseline Level	75
		10:51	69.8	70.4	42.0				
		10:56	66.5	69.4	43.5				
		11:01	68.2	71.6	45.2				
		11:06	70.7	71.5	45.1				
9 Nov 2021	Fine	17:21	58.7	61.3	37.7	58.7	76.8	<Baseline Level	75
		17:26	63.0	66.2	41.4				
		17:31	55.3	58.4	46.2				
		17:36	59.5	60.4	47.8				
		17:41	54.4	56.8	46.4				
16 Nov 2021	Sunny	12:44	56.5	60.1	41.1	57.3	76.8	<Baseline Level	75
		12:49	60.5	63.3	40.2				
		12:54	59.2	62.7	40.6				
		12:59	52.2	55.0	37.5				
		13:04	55.1	58.9	40.0				
23 Nov 2021	Cloudy	15:55	63.1	66.3	55.7	61.7	76.8	<Baseline Level	75
		16:00	60.6	62.3	55.1				
		16:05	59.4	61.7	55.3				
		16:10	60.3	63.8	55.8				
		16:15	63.5	66.6	55.3				
30 Nov 2021	Sunny	14:04	69.7	73.2	57.8	70.8	76.8	<Baseline Level	75
		14:09	68.1	72.3	57.4				
		14:14	66.2	71.2	56.9				
		14:19	66.7	71.0	57.3				
		14:24	66.0	70.6	57.4				
		14:29	76.4	74.8	62.8				



Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: N12b - 11B Lo Uk Tsuen

Date	Weather	Time	Measurement Noise Level			Average Noise Level	Baseline Level	Construction Noise Level	Limit Level
			Leq	L10	L90	Leq	Leq	Leq	Leq
			Unit: dB(A), (5-min)			Unit: dB(A), (30-min)			
7 Dec 2021	Fine	11:25	63.8	65.3	57.8	61.1	76.8	<Baseline Level	75
		11:30	64.2	68.5	45.3				
		11:35	56.6	60.5	39.9				
		11:40	59.3	60.7	42.2				
		11:45	59.9	61.0	40.1				
		11:50	55.8	59.2	42.2				
16 Dec 2021	Sunny	10:01	71.1	76.6	56.9	68.2	76.8	<Baseline Level	75
		10:06	73.5	75.8	58.0				
		10:11	59.9	63.0	55.9				
		10:16	61.0	63.7	56.0				
		10:21	60.8	63.8	56.0				
		10:26	61.3	64.6	56.2				
23 Dec 2021	Cloudy	11:11	79.7	83.3	65.1	77.3	76.8	67.4	75
		11:16	80.0	82.9	70.5				
		11:21	79.2	82.1	68.5				
		11:26	72.5	76.6	58.2				
		11:31	70.0	74.9	58.7				
		11:36	72.1	75.5	65.6				
28 Dec 2021	Sunny	10:31	68.1	72.4	51.6	64.0	76.8	<Baseline Level	75
		10:36	60.8	62.8	46.2				
		10:41	65.7	71.5	48.2				
		10:46	62.6	67.1	46.4				
		10:51	57.7	60.9	44.9				
		10:56	61.3	62.5	44.7				



Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: N12b - 11B Lo Uk Tsuen

Date	Weather	Time	Measurement Noise Level			Average Noise Level	Baseline Level	Construction Noise Level	Limit Level
			Leq	L10	L90	Leq	Leq	Leq	Leq
			Unit: dB(A), (5-min)			Unit: dB(A), (30-min)			
4 Jan 2022	Sunny	13:11	61.2	64.3	55.0	74.5	76.8	<Baseline Level	75
		13:16	62.8	64.6	55.7				
		13:21	64.2	64.5	54.6				
		13:26	76.4	77.6	74.3				
		13:31	76.6	79.1	63.3				
		13:36	78.7	80.1	76.5				
11 Jan 2022	Sunny	10:06	66.9	69.6	60.3	65.4	76.8	<Baseline Level	75
		10:11	67.0	69.5	61.7				
		10:16	63.7	66.8	58.9				
		10:21	65.7	68.3	59.8				
		10:26	62.8	64.4	58.6				
		10:31	64.8	67.1	58.7				
18 Jan 2022	Cloudy	10:36	61.3	64.3	55.9	63.2	76.8	<Baseline Level	75
		10:41	65.9	69.2	58.6				
		10:46	62.5	65.9	56.4				
		10:51	64.0	65.0	58.0				
		10:56	61.5	63.6	58.0				
		11:01	62.2	64.6	57.7				
25 Jan 2022	Cloudy	14:31	67.4	71.2	57.0	69.5	76.8	<Baseline Level	75
		14:36	74.1	77.1	60.6				
		14:41	66.7	70.3	58.3				
		14:46	67.3	70.9	58.8				
		14:51	66.6	70.5	55.4				
		14:56	68.5	71.0	57.7				



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	Baseline Level	Construction Noise Level	Limit Level	Major Construction Noise Source(s)	Other Noise Source(s)
					Leq	L10	L90						
					Unit: dB(A), (5-min)								
4 Feb 2022	Cloudy	3.9	93.9	10:51	58.1	62.1	41.5	59.8	76.8	<Baseline Level	75	Nil	Traffic
				10:56	55.9	59.5	40.5						
				11:01	60.6	63.8	41.4						
				11:06	59.8	63.6	44.3						
				11:11	62.8	64.5	41.2						
8 Feb 2022	Cloudy	3.1	94.0	10:11	58.2	62.7	40.8	64.7	76.8	<Baseline Level	75	Grinding, hammering,	Traffic
				10:16	63.9	65.0	55.0						
				10:21	64.0	66.7	55.0						
				10:26	62.4	66.0	53.8						
				10:31	62.8	64.7	53.7						
15 Feb 2022	Sunny	2.5	94.0	10:36	67.5	73.1	44.2	64.9	76.8	<Baseline Level	75	hand held breaker, generator x2, concrete lorry mixer.	Traffic
				14:16	66.3	67.0	57.7						
				14:21	65.4	67.8	59.0						
				14:26	64.5	66.0	58.9						
				14:31	65.3	65.3	58.4						
24 Feb 2022	Sunny	1.6	94.0	14:36	63.8	66.6	59.0	61.7	76.8	<Baseline Level	75	hand held breaker, dump trunk	Traffic
				14:41	63.5	64.5	58.3						
				11:21	64.3	61.6	46.2						
				11:26	61.7	63.2	44.7						
				11:31	64.5	66.3	41.6						
				11:36	56.8	60.6	41.6						
				11:41	59.5	61.7	42.5						
				11:46	56.5	58.8	40.6						



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	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)					
1 Mar 2022	Sunny	1.5	94.4	13:41	61.9	62.5	57.4	60.2	76.8	<Baseline Level	75	Generator, grinding	Traffic
				13:46	59.2	61.2	57.0						
				13:51	59.2	61.3	57.1						
				13:56	61.9	62.4	57.1						
				14:01	59.3	61.3	56.5						
				14:06	58.3	59.9	53.2						
8 Mar 2022	Sunny	1.6	93.2	11:11	58.3	61.2	46.6	60.0	76.8	<Baseline Level	75	Trial pit excavation	Traffic
				11:16	64.0	62.8	47.0						
				11:21	57.5	59.8	44.1						
				11:26	57.7	61.4	43.5						
				11:31	55.7	57.8	42.7						
				11:36	61.1	61.5	39.9						
15 Mar 2022	Sunny	1.0	93.3	9:51	70.7	73.2	63.0	70.9	76.8	<Baseline Level	75	Excavation	Traffic
				9:56	68.0	70.9	61.1						
				10:01	71.5	72.5	61.8						
				10:06	73.2	72.4	61.0						
				10:11	72.5	73.1	60.1						
				10:16	63.5	67.7	51.2						
22 Mar 2022	Sunny	1.0	93.5	10:11	61.6	65.1	53.1	64.9	76.8	<Baseline Level	75	Excavation, concrete breaking	Traffic, mobile crane
				10:16	65.1	68.4	55.4						
				10:21	67.3	71.0	55.8						
				10:26	64.2	65.8	56.7						
				10:31	64.6	66.7	61.2						
				10:36	64.5	66.8	61.9						
31 Mar 2022	Sunny	1.5	93.5	10:51	62.7	64.9	52.0	62.0	76.8	<Baseline Level	75	Excavation, concrete breaking	Traffic, mobile crane
				10:56	63.7	65.6	60.5						
				11:01	62.5	65.9	48.4						
				11:06	61.4	65.4	48.2						
				11:11	60.8	62.6	47.2						
				11:16	59.5	63.0	46.8						



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	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 Apr 2022	Sunny	1.0	93.6	11:26	62.3	65.9	48.1	62.3	76.8	<Baseline Level	75	Excavation	Traffic
				11:31	61.5	64.3	44.5						
				11:36	64.5	65.7	47.8						
				11:41	64.6	67.0	47.6						
				11:46	58.9	63.7	42.6						
				11:51	57.4	62.9	43.0						
13 Apr 2022	Cloudy	1.0	93.6	10:46	63.9	68.0	49.9	64.6	76.8	<Baseline Level	75	Village sewer works	Traffic
				10:51	67.0	69.4	59.9						
				10:56	67.7	70.1	57.3						
				11:01	58.9	62.9	49.2						
				11:06	61.2	64.5	47.7						
				11:11	63.0	65.3	48.5						
21 Apr 2022	Sunny	1.4	93.5	11:21	57.8	62.3	47.5	60.7	76.8	<Baseline Level	75	Village sewer works	Traffic
				11:26	59.1	63.5	45.3						
				11:31	58.9	62.9	43.4						
				11:36	65.2	70.3	44.4						
				11:41	57.3	62.4	42.6						
				11:46	60.3	66.3	43.7						
26 Apr 2022	Sunny	0.8	93.7	11:26	61.1	64.8	48.7	60.1	76.8	<Baseline Level	75	Nil	Traffic
				11:31	60.2	59.7	45.3						
				11:36	60.7	62.6	45.0						
				11:41	61.6	65.9	45.2						
				11:46	58.0	61.5	44.2						
				11:51	57.9	60.5	46.1						



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	Baseline Level	Construction Noise Level	Limit Level	Major Construction Noise Source(s)	Other Noise Source(s)
					Leq	L10	L90	Leq	Leq	Leq			
					Unit: dB(A), (5-min)			Unit: dB(A), (30-min)					
3 May 2022	Sunny	1.4	93.9	11:01	57.4	62.6	45.3	60.3	76.8	<Baseline Level	75	N/A	Traffic
				11:06	61.7	62.5	42.5						
				11:11	63.3	65.0	46.3						
				11:16	57.7	61.1	45.9						
				11:21	59.5	63.0	44.9						
11:26	59.1	63.7	41.9										
10 May 2022	Cloudy	1.1	93.7	11:01	58.2	62.5	48.0	64.9	76.8	<Baseline Level	75	Concrete breaking (75dB)	Traffic
				11:06	64.0	67.5	50.3						
				11:11	66.0	67.0	47.9						
				11:16	69.8	75.1	57.2						
				11:21	59.5	62.7	47.7						
11:26	59.7	62.8	47.7										
19 May 2022	Sunny	1.3	94.2	11:06	64.4	69.5	51.3	63.9	76.8	<Baseline Level	75	Village sewer works, generator	Traffic
				11:11	62.9	64.7	51.5						
				11:16	62.9	64.2	51.5						
				11:21	66.2	68.5	57.2						
				11:26	64.2	66.1	54.8						
11:31	61.2	64.9	51.5										
26 May 2022	Cloudy	1.0	94.2	10:41	58.6	62.1	48.3	61.4	76.8	<Baseline Level	75	N/A	Traffic
				10:46	60.7	63.6	49.1						
				10:51	61.8	63.5	49.8						
				10:56	62.0	63.9	58.5						
				11:01	62.7	64.6	50.9						
11:06	61.5	63.9	49.3										



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)								
1 Jun 2022	Cloudy	0.0	94.1	12:56	64.8	69.0	58.5	64.5	76.8	<Baseline Level	75	Generator	Traffic
				13:01	67.4	70.9	60.3						
				13:06	66.5	71.2	56.9						
				13:11	63.3	68.1	52.0						
				13:16	59.2	63.8	50.7						
6 Jun 2022	Cloudy	0.8	94.1	13:21	60.2	65.2	50.1	60.3	76.8	<Baseline Level	75	Nil	Traffic
				13:46	58.4	61.6	48.1						
				13:51	63.1	66.2	46.9						
				13:56	60.4	64.6	44.7						
				14:01	60.4	65.3	48.7						
15 Jun 2022	Cloudy	1.3	94.0	14:06	59.1	64.1	44.8	63.5	76.8	<Baseline Level	75	Village sewer works, generator	Traffic
				14:11	58.6	63.0	44.7						
				14:40	66.1	70.2	55.8						
				14:45	60.2	64.0	56.4						
				14:50	64.4	66.8	56.3						
22 Jun 2022	Sunny	1.0	94.0	15:00	62.3	67.8	56.1	61.5	76.8	<Baseline Level	75	Nil	Traffic
				15:05	64.7	68.4	55.5						
				15:10	60.0	64.1	52.8						
				14:15	60.3	62.5	57.6						
				14:20	63.2	67.8	59.7						
29 Jun 2022	Sunny	0.1	94.1	14:25	58.9	60.1	49.8	65.0	76.8	<Baseline Level	75	Nil	Traffic, mobile crane
				14:30	57.6	59.1	50.1						
				14:35	59.8	62.4	53.2						
				14:40	64.9	70.1	59.9						
				13:50	64.8	65.7	51.9						
13:55	65.5	68.6	53.4										
14:00	65.7	68.5	56.2										
14:05	63.2	65.0	53.4										
14:10	64.7	66.6	55.2										
14:15	65.8	67.7	57.6										



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	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 Jul 2022	Cloudy	0.5	93.9	16:10	63.1	64.5	48.5	61.4	76.8	<Baseline Level	75	Nil	Traffic
				16:15	60.9	64.2	47.8						
				16:20	57.2	62.0	47.0						
				16:25	61.4	65.2	48.9						
				16:30	63.5	65.1	49.8						
13 Jul 2022	Sunny	0.9	94.0	16:35	59.8	64.3	47.6	58.2	76.8	<Baseline Level	75	Nil	Traffic
				16:45	58.4	63.0	45.4						
				16:50	58.3	62.3	46.9						
				16:55	57.6	63.3	44.7						
				17:00	56.8	63.2	44.9						
18 Jul 2022	Sunny	0.5	94.1	17:05	58.6	63.1	46.5	58.9	76.8	<Baseline Level	75	Nil	Traffic
				17:10	59.3	64.1	45.6						
				15:45	59.1	63.4	44.7						
				15:50	58.4	62.1	45.9						
				15:55	57.0	60.0	45.8						
29 Jul 2022	Sunny	1.5	94.1	16:00	60.3	63.8	46.2	59.7	76.8	<Baseline Level	75	Nil	Traffic
				16:05	60.1	63.1	45.3						
				16:10	57.8	60.3	44.0						
				14:30	59.8	64.5	45.5						
				14:35	58.7	64.2	48.0						
				14:40	60.1	64.8	45.8						
				14:45	58.1	65.9	46.0						
				14:50	60.4	66.6	45.6						
				14:55	60.7	65.6	46.7						



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: N12b - 11B 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	0.3	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: 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						
12 Oct 2022	Sunny	0.4	94.1	14:55	61.5	65.5	43.9	64.4	76.8	<Baseline Level	75	N/A	Traffic
				14:30	59.8	64.3	43.4						
				14:35	68.8	73.3	46.4						
				14:40	63.2	68.1	44.4						
				14:45	66.6	71.0	47.7						
18 Oct 2022	Cloudy	0.0	94.1	14:50	56.3	60.8	41.2	57.1	76.8	<Baseline Level	75	N/A	Traffic
				14:55	59.9	64.3	43.2						
				13:05	60.4	63.3	46.7						
				13:10	55.5	58.6	45.1						
				13:15	54.8	57.9	44.8						
24 Oct 2022	Sunny	0.0	94.1	13:20	58.9	62.0	46.6	58.6	76.8	<Baseline Level	75	N/A	Traffic
				13:25	54.1	57.0	43.4						
				13:30	54.6	57.5	43.9						
				13:05	63.3	68.1	46.7						
				13:10	55.1	60.0	45.2						

* 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	Time	Measurement Noise Level			Average Noise Level	Baseline Level	Construction Noise Level	Limit Level
			Leq	L10	L90	Leq	Leq	Leq	Leq
			Unit: dB(A), (5-min)			Unit: dB(A), (30-min)			
4 Nov 2021	Fine	13:46	64.0	66.7	51.7	64.1	73.6	<Baseline Level	75
		13:51	63.0	67.1	52.5				
		13:56	62.6	67.2	52.8				
		14:01	63.1	66.7	54.2				
		14:06	64.7	67.5	53.3				
		14:11	66.3	69.7	53.5				
09 Nov 2021	Fine	16:47	61.2	65.1	44.8	61.2	73.6	<Baseline Level	75
		16:52	58.5	62.6	45.8				
		16:57	62.1	64.1	44.6				
		17:02	63.1	66.2	47.7				
		17:07	60.0	64.3	43.5				
		17:12	60.7	61.2	44.3				
16 Nov 2021	Sunny	12:05	63.9	68.8	53.5	63.5	73.6	<Baseline Level	75
		12:10	61.7	66.1	51.0				
		12:15	63.4	66.4	51.7				
		12:20	65.9	69.2	52.4				
		12:25	62.4	65.5	52.5				
		12:30	62.6	65.0	51.4				
23 Nov 2021	Cloudy	15:18	59.6	63.1	54.0	63.0	73.6	<Baseline Level	75
		15:23	64.1	67.3	53.4				
		15:28	60.3	63.2	49.2				
		15:33	61.2	64.9	50.0				
		15:38	65.6	68.4	52.5				
		15:43	63.7	67.9	50.4				
30 Nov 2021	Sunny	13:28	63.2	66.5	54.3	64.3	73.6	<Baseline Level	75
		13:33	63.1	66.5	53.7				
		13:38	62.1	63.9	52.3				
		13:43	63.3	65.2	53.1				
		13:48	62.4	64.6	52.2				
		13:53	68.2	69.5	55.1				



Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: N13 - 74 Pui O San Wai Tsuen

Date	Weather	Time	Measurement Noise Level			Average Noise Level	Baseline Level	Construction Noise Level	Limit Level
			Leq	L10	L90	Leq	Leq	Leq	Leq
			Unit: dB(A), (5-min)			Unit: dB(A), (30-min)			
7 Dec 2021	Fine	14:35	60.2	64.0	48.8	61.9	73.6	<Baseline Level	75
		14:40	64.8	69.2	51.9				
		14:45	59.2	63.6	49.9				
		14:50	62.0	65.8	52.2				
		14:55	61.0	64.5	52.6				
		15:00	61.9	65.6	52.6				
16 Dec 2021	Sunny	11:21	63.3	66.4	53.0	63.2	73.6	<Baseline Level	75
		11:26	63.0	62.8	44.7				
		11:31	67.0	71.1	51.5				
		11:36	64.9	68.3	42.9				
		11:41	54.3	57.0	41.9				
		11:46	51.9	55.8	41.5				
23 Dec 2021	Cloudy	10:36	65.9	70.0	54.5	65.8	73.6	<Baseline Level	75
		10:41	67.4	70.3	54.6				
		10:46	61.4	65.3	52.2				
		10:51	62.3	67.1	53.0				
		10:56	66.1	68.8	55.8				
		11:01	68.0	67.6	63.3				
28 Dec 2021	Sunny	11:05	61.3	64.3	52.0	63.7	73.6	<Baseline Level	75
		11:10	62.7	66.4	54.9				
		11:15	61.5	65.2	54.7				
		11:20	63.0	66.1	55.8				
		11:25	66.6	67.4	57.0				
		11:30	64.7	67.6	56.8				



Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: N13 - 74 Pui O San Wai Tsuen

Date	Weather	Time	Measurement Noise Level			Average Noise Level	Baseline Level	Construction Noise Level	Limit Level
			Leq	L10	L90	Leq	Leq	Leq	Leq
			Unit: dB(A), (5-min)			Unit: dB(A), (30-min)			
4 Jan 2022	Sunny	14:21	64.1	67.9	49.6	62.8	73.6	<Baseline Level	75
		14:26	60.4	64.0	47.6				
		14:31	60.6	63.8	49.0				
		14:36	62.3	66.7	52.0				
		14:41	63.8	67.0	53.5				
		14:46	64.1	67.5	50.4				
11 Jan 2022	Sunny	11:26	63.8	67.1	53.9	64.5	73.6	<Baseline Level	75
		11:31	62.8	66.5	52.9				
		11:36	62.2	66.6	54.3				
		11:41	65.2	68.0	56.8				
		11:46	66.7	68.5	57.2				
		11:51	64.8	67.7	58.4				
18 Jan 2022	Cloudy	13:41	65.1	68.3	55.9	66.3	73.6	<Baseline Level	75
		13:46	65.8	67.9	55.4				
		13:51	66.9	70.1	59.1				
		13:56	64.6	68.5	56.7				
		14:01	68.2	71.2	55.8				
		14:06	65.9	69.1	55.5				
25 Jan 2022	Cloudy	13:56	69.2	72.0	56.3	65.2	73.6	<Baseline Level	75
		14:01	62.7	65.2	53.6				
		14:06	64.9	68.9	54.0				
		14:11	61.4	65.2	53.5				
		14:16	62.8	66.2	53.5				
		14:21	65.4	69.3	53.5				



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	Limit Level	Major Construction Noise Source(s)	Other Noise Source(s)
					Leq	L10	L90						
					Unit: dB(A), (5-min)								
4 Feb 2022	Cloudy	3.3	93.9	10:16	61.1	64.7	46.2	61.5	73.6	<Baseline Level	75	Nil	Traffic
				10:21	60.8	64.9	44.5						
				10:26	60.9	66.1	44.1						
				10:31	60.9	64.7	46.4						
				10:36	61.6	65.1	45.3						
				10:41	63.3	66.5	48.2						
8 Feb 2022	Cloudy	3.3	94.0	14:21	63.0	66.8	55.5	62.5	73.6	<Baseline Level	75	nil	Traffic, music, restaurant
				14:26	63.8	66.8	56.0						
				14:31	61.3	65.0	54.1						
				14:36	63.0	66.3	54.5						
				14:41	62.0	67.8	53.8						
				14:46	61.4	65.0	52.3						
15 Feb 2022	Sunny	2.5	94.0	13:41	64.3	67.6	54.8	63.6	73.6	<Baseline Level	75	nil	Traffic
				13:46	62.7	65.2	52.5						
				13:51	66.0	68.7	53.3						
				13:56	62.5	66.7	54.2						
				14:01	63.0	67.0	53.0						
				14:06	61.6	66.1	53.3						
24 Feb 2022	Sunny	2.2	94.0	14:06	65.5	67.1	53.9	63.6	73.6	<Baseline Level	75	Dump trunk	Traffic, wildlife
				14:11	65.1	69.1	53.4						
				14:16	63.5	67.5	51.8						
				14:21	62.1	64.8	50.6						
				14:26	62.1	65.6	49.2						
				14:31	62.1	66.9	49.6						



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	Limit Level	Major Construction Noise Source(s)	Other Noise Source(s)
					Leq	L10	L90						
					Unit: dB(A), (5-min)			Unit: dB(A), (30-min)					
1 Mar 2022	Sunny	1.4	94.4	11:16	61.3	64.4	53.3	62.7	73.6	<Baseline Level	75	Nil	Traffic
				11:21	61.4	65.5	52.6						
				11:26	61.1	64.6	52.4						
				11:31	61.2	63.8	52.2						
				11:36	66.8	70.2	56.3						
				11:41	59.9	62.7	52.7						
8 Mar 2022	Sunny	3.2	93.2	13:46	64.6	68.1	56.3	64.0	73.6	<Baseline Level	75	nil	Traffic, non-project related concrete breaking
				13:51	63.9	66.3	56.1						
				13:56	62.8	65.1	55.1						
				14:01	61.8	65.4	56.3						
				14:06	63.5	65.9	56.2						
				14:11	66.0	68.7	60.5						
15 Mar 2022	Sunny	1.0	93.3	13:16	62.9	65.5	55.1	65.2	73.6	<Baseline Level	75	nil	Traffic
				13:21	63.7	66.9	55.4						
				13:26	67.6	69.9	55.6						
				13:31	67.1	70.0	56.1						
				13:36	64.3	67.7	56.5						
				13:41	63.3	67.3	55.5						
22 Mar 2022	Sunny	0.6	93.5	10:41	65.5	70.0	57.0	63.7	73.6	<Baseline Level	75	Concrete breaking	Traffic, wildlife
				10:46	63.2	65.7	56.2						
				10:51	60.5	63.0	54.2						
				10:56	61.8	66.0	53.8						
				11:01	65.6	67.6	55.2						
				11:06	63.2	66.6	55.6						
31 Mar 2022	Sunny	2.2	93.5	11:26	65.2	68.7	57.2	64.2	73.6	<Baseline Level	75	Nil	Traffic
				11:31	63.5	66.6	55.6						
				11:36	63.3	67.4	56.1						
				11:41	65.3	68.6	56.7						
				11:46	60.8	64.0	54.1						
				11:51	65.4	66.4	55.8						



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	Limit Level	Major Construction Noise Source(s)	Other Noise Source(s)
					Leq	L10	L90						
					Unit: dB(A), (5-min)								
6 Apr 2022	Sunny	1.4	93.6	13:11	67.6	70.1	60.5	67.9	73.6	<Baseline Level	75	Excavation, grinding	Traffic
				13:16	65.2	67.8	57.5						
				13:21	65.4	68.1	56.7						
				13:26	68.8	69.8	61.3						
				13:31	70.4	74.4	60.7						
				13:36	67.7	70.1	61.5						
13 Apr 2022	Cloudy	1.1	93.6	11:21	62.8	66.2	52.5	64.9	73.6	<Baseline Level	75	Trial pit	Traffic
				11:26	62.4	65.0	51.6						
				11:31	63.7	67.4	53.1						
				11:36	68.3	70.6	52.9						
				11:41	65.4	68.3	55.0						
				11:46	63.5	67.2	53.5						
21 Apr 2022	Sunny	1.3	93.5	10:51	62.1	65.7	56.4	64.7	73.6	<Baseline Level	75	Trial pit excavation	Traffic
				10:56	62.8	65.7	55.5						
				11:01	65.0	67.4	55.7						
				11:06	66.6	69.7	58.1						
				11:11	66.1	69.7	57.4						
				11:16	63.6	67.5	55.1						
26 Apr 2022	Sunny	1.4	93.7	14:16	67.4	71.2	62.2	66.5	73.6	<Baseline Level	75	Nil	Traffic
				14:21	67.6	68.9	61.9						
				14:26	67.9	68.9	61.8						
				14:31	63.7	65.3	62.0						
				14:36	65.6	68.5	62.2						
				14:41	65.1	67.3	62.1						



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	Limit Level	Major Construction Noise Source(s)	Other Noise Source(s)
					Leq	L10	L90	Leq	Leq	Leq			
					Unit: dB(A), (5-min)			Unit: dB(A), (30-min)					
3 May 2022	Sunny	1.0	93.9	14:01	58.5	62.7	51.0	62.1	73.6	<Baseline Level	75	Excavation, grinding	Traffic
				14:06	61.3	64.8	51.4						
				14:11	59.4	62.7	50.7						
				14:16	64.3	67.4	51.4						
				14:21	62.4	66.4	50.9						
10 May 2022	Cloudy	1.6	93.7	14:26	63.7	67.6	51.3	64.7	73.6	<Baseline Level	75	N/A	Traffic
				11:31	58.6	61.9	52.1						
				11:36	63.9	67.5	53.2						
				11:41	61.5	65.2	52.9						
				11:46	62.7	65.0	52.5						
19 May 2022	Sunny	2.0	94.2	11:51	62.6	65.1	52.3	64.4	73.6	<Baseline Level	75	N/A	Traffic
				11:56	69.7	70.8	54.0						
				13:51	66.7	69.0	52.5						
				13:56	65.9	69.9	51.6						
				14:01	64.1	68.6	51.6						
26 May 2022	Cloudy	1.1	94.2	14:06	58.8	62.2	51.5	64.7	73.6	<Baseline Level	75	N/A	Traffic
				14:11	62.1	65.7	51.7						
				14:16	64.7	69.3	53.2						
				11:16	66.5	66.8	53.8						
				11:21	64.3	68.1	55.3						



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 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)								
1 Jun 2022	Cloudy	1.3	94.1	14:06	62.0	65.5	52.6	62.9	73.6	<Baseline Level	75	Excavation, grinding	Traffic
				14:11	63.6	66.9	54.6						
				14:16	62.9	66.7	54.2						
				14:21	64.4	68.1	55.1						
				14:26	62.7	65.4	55.2						
				14:31	61.4	64.7	54.4						
6 Jun 2022	Cloudy	1.0	94.1	13:11	70.2	72.6	55.3	67.9	73.6	<Baseline Level	75	Nil	Traffic
				13:16	63.8	66.1	54.0						
				13:21	66.3	69.8	53.9						
				13:26	61.9	64.6	53.1						
				13:31	69.2	71.7	57.1						
				13:36	70.1	73.1	57.9						
15 Jun 2022	Cloudy	2.0	94.0	14:10	61.9	66.2	54.6	60.3	73.6	<Baseline Level	75	Nil	Traffic
				14:15	60.1	63.2	53.9						
				14:20	60.7	63.5	52.6						
				14:25	59.3	61.8	54.0						
				14:30	60.3	64.2	52.8						
				14:35	58.9	60.1	54.1						
22 Jun 2022	Sunny	1.1	94.0	14:50	63.1	67.2	59.8	60.1	73.6	<Baseline Level	75	Nil	Traffic
				14:55	55.4	57.3	48.9						
				15:00	56.7	60.0	49.6						
				15:05	57.2	59.3	48.8						
				15:10	60.1	63.4	50.6						
				15:15	62.4	65.9	57.6						
29 Jun 2022	Sunny	0.3	94.1	10:20	65.0	65.6	52.8	64.9	73.6	<Baseline Level	75	Nil	Traffic
				10:25	63.9	66.9	53.7						
				10:30	63.9	67.5	54.4						
				10:35	62.4	65.9	54.2						
				10:40	64.0	66.8	56.2						
				10:45	67.8	67.0	58.3						



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 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 Jul 2022	Cloudy	0.7	94.0	15:30	63.4	66.2	57.3	62.6	73.6	<Baseline Level	75	Nil	Traffic
				15:35	61.7	65.2	64.9						
				15:40	64.1	67.7	55.9						
				15:45	63.3	64.4	55.2						
				15:50	61.8	64.6	56.0						
13 Jul 2022	Sunny	1.8	94.1	15:55	60.0	63.0	55.2	63.3	73.6	<Baseline Level	75	Nil	Traffic
				16:15	62.5	65.4	53.6						
				16:20	60.5	64.5	53.2						
				16:25	62.8	66.2	56.0						
				16:20	64.8	67.8	57.4						
18 Jul 2022	Sunny	1.1	94.2	16:25	60.3	64.1	53.4	65.8	73.6	<Baseline Level	75	Nil	Traffic
				16:30	65.8	67.9	57.6						
				15:00	63.8	66.9	55.3						
				15:05	65.7	68.2	56.0						
				15:10	66.3	69.3	56.7						
29 Jul 2022	Sunny	0.7	93.9	15:15	67.8	70.1	58.0	66.2	73.6	<Baseline Level	75	Nil	Traffic
				15:20	64.2	68.0	53.1						
				15:25	65.9	69.4	59.4						
				13:45	65.8	68.2	55.4						
				13:50	66.6	69.7	55.8						
				13:55	65.6	68.5	55.2						
				14:00	66.3	69.3	54.9						
				14:05	66.2	69.2	54.6						
				14:10	66.5	69.5	56.3						



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 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: 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: 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 - Fence in front of South Lantau Community Centre

Date	Weather	Time	Measurement Noise Level			Average Noise Level	Baseline Level	Construction Noise Level	Limit Level
			Leq	L10	L90	Leq	Leq	Leq	Leq
			Unit: dB(A), (5-min)			Unit: dB(A), (30-min)			
4 Nov 2021	Fine	13:07	72.8	75.0	54.8	72.2	62.2	72	75
		13:12	68.1	71.9	54.1				
		13:17	72.3	75.4	53.4				
		13:22	73.6	78.0	58.0				
		13:27	74.3	78.9	55.9				
		13:32	69.0	70.1	53.4				
09 Nov 2021	Fine	16:10	67.1	72.7	47.9	67.3	62.2	66	75
		16:15	66.5	68.0	63.4				
		16:20	66.2	68.6	48.8				
		16:25	67.7	70.1	51.9				
		16:30	67.8	70.2	58.5				
		16:35	68.2	70.4	64.1				
16 Nov 2021	Sunny	11:28	62.4	63.0	50.9	69.2	62.2	68	75
		11:33	73.9	76.5	54.8				
		11:38	68.8	71.4	53.4				
		11:43	70.5	69.3	50.8				
		11:48	64.9	66.7	50.7				
		11:53	62.9	66.5	51.3				
23 Nov 2021	Cloudy	14:08	63.2	66.6	52.3	71.7	62.2	71	75
		14:13	69.1	69.0	51.1				
		14:18	71.0	73.3	52.4				
		14:23	75.6	80.9	55.3				
		14:28	73.4	78.9	55.3				
		14:33	69.3	75.0	50.6				
30 Nov 2021	Sunny	15:23	61.6	63.2	47.7	63.2	62.2	56	75
		15:28	58.8	61.2	47.8				
		15:33	64.8	63.9	47.5				
		15:38	62.6	65.4	50.0				
		15:43	66.2	64.9	47.9				
		15:48	61.2	64.3	50.2				



Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: N14 - Fence in front of South Lantau Community Centre

Date	Weather	Time	Measurement Noise Level			Average Noise Level	Baseline Level	Construction Noise Level	Limit Level
			Leq	L10	L90	Leq	Leq	Leq	Leq
			Unit: dB(A), (5-min)			Unit: dB(A), (30-min)			
7 Dec 2021	Fine	13:20	68.8	67.7	53.6	71.0	62.2	70	75
		13:25	66.9	66.5	52.6				
		13:30	72.9	77.2	55.6				
		13:35	67.1	68.6	54.0				
		13:40	68.5	71.5	53.9				
		13:45	75.0	68.9	60.0				
16 Dec 2021	Sunny	14:26	73.6	74.5	71.5	73.3	62.2	73	75
		14:31	73.8	74.8	72.3				
		14:36	73.5	74.3	71.8				
		14:41	73.5	74.8	71.6				
		14:46	73.1	74.1	71.9				
		14:51	72.4	73.5	71.4				
23 Dec 2021	Cloudy	13:07	62.5	62.7	45.0	62.9	62.2	55	75
		13:12	61.7	60.6	44.7				
		13:17	60.8	61.8	46.6				
		13:22	60.0	63.5	47.7				
		13:27	60.7	63.3	49.5				
		13:32	67.1	63.0	45.9				
28 Dec 2021	Sunny	13:41	68.0	71.0	59.7	69.3	62.2	68	75
		13:46	71.2	74.5	61.0				
		13:51	72.2	75.1	62.4				
		13:56	69.4	70.8	62.3				
		14:01	65.1	68.8	56.7				
		14:06	65.2	68.5	55.7				



Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: N14 - Fence in front of South Lantau Community Centre

Date	Weather	Time	Measurement Noise Level			Average Noise Level	Baseline Level	Construction Noise Level	Limit Level
			Leq	L10	L90	Leq	Leq	Leq	Leq
			Unit: dB(A), (5-min)			Unit: dB(A), (30-min)			
4 Jan 2022	Sunny	11:27	62.9	65.9	52.0	66.4	62.2	64	75
		11:32	63.0	66.4	54.4				
		11:37	71.1	70.3	50.5				
		11:42	67.6	67.5	48.3				
		11:47	61.9	65.2	51.3				
		11:52	63.2	64.9	49.7				
11 Jan 2022	Sunny	13:06	63.9	54.2	46.2	64.5	62.2	61	75
		13:11	63.4	66.8	50.4				
		13:16	61.9	63.9	50.2				
		13:21	63.8	67.9	47.7				
		13:26	62.8	65.4	48.5				
		13:31	68.2	68.3	45.7				
18 Jan 2022	Cloudy	13:06	63.5	64.4	42.6	63.3	62.2	57	75
		13:11	63.1	64.6	44.5				
		13:16	65.7	67.8	48.4				
		13:21	57.9	58.5	46.1				
		13:26	62.8	65.8	46.6				
		13:31	63.5	65.8	46.0				
25 Jan 2022	Cloudy	11:26	64.6	65.8	44.7	62.1	62.2	<Baseline Level	75
		11:31	61.3	66.5	46.1				
		11:36	62.9	66.4	46.6				
		11:41	59.0	60.1	45.1				
		11:46	62.1	65.4	43.7				
		11:51	60.7	59.4	45.5				



Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: N14 - Fence in front of South Lantau Community Centre

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 Feb 2022	Cloudy	3.3	94.0	9:41	63.1	64.7	48.2	62.7	62.2	53	75	Nil	Traffic, hammering
				9:46	65.0	64.1	42.3						
				9:51	59.4	61.8	43.8						
				9:56	58.8	62.0	41.1						
				10:01	66.0	69.0	46.6						
				10:06	55.1	58.3	43.6						
8 Feb 2022	Cloudy	3.1	94.0	13:01	63.4	61.9	47.2	67.1	62.2	65	75	Nil	Renovation works, traffic
				13:06	55.7	60.1	44.8						
				13:11	69.5	69.7	47.5						
				13:16	68.6	71.5	46.8						
				13:21	70.3	67.7	50.3						
				13:26	60.3	63.6	46.3						
15 Feb 2022	Sunny	3.3	94.0	13:01	61.7	63.7	45.1	64.6	62.2	61	75	Nil	Traffic, wildlife
				13:06	66.6	69.9	44.2						
				13:11	64.2	68.2	48.8						
				13:16	61.8	64.1	46.7						
				13:21	66.0	62.3	43.9						
				13:26	64.8	65.4	45.4						
24 Feb 2022	Sunny	1.3	93.9	14:46	54.0	54.0	42.0	63.4	62.2	57	75	Nil	Renovation works, traffic
				14:51	63.7	64.8	43.3						
				14:56	57.6	60.0	42.2						
				15:01	64.2	64.1	43.3						
				15:06	65.9	65.7	46.0						
				15:11	65.5	64.7	47.2						



Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: N14 - Fence in front of South Lantau Community Centre

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)					
1 Mar 2022	Sunny	0.4	94.4	10:06	61.4	64.7	47.9	63.2	62.2	57	75	Trial pit concrete breaking	Traffic, non-project related grinding
				10:11	66.8	68.1	46.5						
				10:16	61.1	62.2	44.9						
				10:21	59.3	60.9	44.5						
				10:26	56.7	58.6	47.2						
				10:31	65.9	69.0	47.0						
8 Mar 2022	Sunny	1.5	93.2	14:26	72.2	60.1	46.9	67.9	62.2	67	75	Nil	Traffic
				14:31	64.1	63.7	46.6						
				14:36	53.3	56.5	46.6						
				14:41	72.0	68.9	46.7						
				14:46	60.3	63.1	46.0						
				14:51	58.0	58.3	44.2						
15 Mar 2022	Sunny	1.7	93.3	11:06	66.2	67.0	48.2	63.0	62.2	55	75	Nil	Traffic
				11:11	61.8	64.3	48.4						
				11:16	64.1	67.8	47.6						
				11:21	60.2	63.8	45.4						
				11:26	58.9	60.5	45.2						
				11:31	63.0	65.7	46.8						
22 Mar 2022	Sunny	1.3	93.5	13:01	65.1	65.6	43.7	62.9	62.2	55	75	Nil	Traffic
				13:06	64.4	66.6	45.5						
				13:11	64.6	66.1	46.6						
				13:16	60.2	61.8	45.9						
				13:21	54.8	57.9	44.2						
				13:26	61.8	65.5	45.1						
31 Mar 2022	Sunny	1.3	93.5	9:36	66.0	67.0	57.3	62.6	62.2	52	75	Trial pit	Traffic
				9:41	61.2	64.5	53.0						
				9:46	57.7	61.4	48.0						
				9:51	64.4	64.6	47.4						
				9:56	60.4	62.9	47.3						
				10:01	60.3	64.1	48.8						



Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: N14 - Fence in front of South Lantau Community Centre

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)					
6 Apr 2022	Sunny	1.7	93.6	12:36	59.0	61.2	44.4	61.9	62.2	<Baseline Level	75	Trial pit	Traffic
				12:41	59.0	58.4	44.8						
				12:46	63.9	65.7	46.5						
				12:51	63.5	64.8	47.9						
				12:56	59.8	61.7	48.1						
				13:01	63.3	65.5	49.4						
13 Apr 2022	Cloudy	1.5	93.6	12:56	57.7	60.0	42.5	61.5	62.2	<Baseline Level	75	Nil	Traffic
				13:01	57.9	61.1	40.8						
				13:06	62.9	64.2	42.2						
				13:11	63.3	67.0	44.4						
				13:16	63.1	62.2	43.9						
				13:21	60.6	61.4	42.5						
21 Apr 2022	Sunny	1.4	93.5	9:41	59.5	62.7	49.1	61.2	62.2	<Baseline Level	75	Nil	Traffic
				9:46	62.7	65.1	49.8						
				9:51	62.7	66.2	51.8						
				9:56	62.2	64.6	52.6						
				10:01	59.7	61.6	54.0						
				10:06	58.8	61.7	47.7						
26 Apr 2022	Sunny	1.6	93.7	13:41	63.7	66.7	46.7	61.8	62.2	<Baseline Level	75	Nil	Traffic, sports
				13:46	63.6	61.9	46.6						
				13:51	60.4	62.7	47.6						
				13:56	62.4	63.9	50.3						
				14:01	61.4	63.1	47.8						
				14:06	53.6	56.5	42.9						



Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: N14 - Fence in front of South Lantau Community Centre

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	Leq	Leq	Leq			
					Unit: dB(A), (5-min)			Unit: dB(A), (30-min)					
3 May 2022	Sunny	2.3	93.9	12:51	68.9	68.3	51.0	65.5	62.2	63	75	Trial pit	Traffic, sports
				12:56	57.9	59.7	45.0						
				13:01	61.7	61.1	44.9						
				13:06	66.4	69.4	48.2						
				13:11	63.4	65.3	47.6						
10 May 2022	Cloudy	1.4	93.7	13:16	67.0	68.3	49.7	61.8	62.2	<Baseline Level	75	N/A	Traffic
				14:26	62.8	65.4	42.4						
				14:31	58.2	58.5	43.4						
				14:36	56.0	58.2	44.2						
				14:41	66.1	67.9	46.2						
19 May 2022	Sunny	1.5	94.2	14:46	60.1	62.0	45.4	61.5	62.2	<Baseline Level	75	N/A	Traffic
				14:51	60.2	61.9	44.7						
				12:41	60.7	61.5	46.7						
				12:46	62.1	59.9	44.9						
				12:51	60.2	62.5	45.6						
26 May 2022	Cloudy	1.3	94.2	13:01	62.0	65.6	47.9	59.7	62.2	<Baseline Level	75	N/A	Traffic, sports
				13:06	63.4	66.4	48.8						
				13:51	57.7	59.8	51.1						
				13:56	58.4	61.4	51.4						
				14:01	58.9	63.9	50.3						
				14:06	62.6	64.0	49.8						
				14:11	57.6	59.4	50.3						
				14:16	60.4	63.2	47.1						



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																
					Unit: dB(A), (5-min)																		
1 Jun 2022	Cloudy	2.0	94.1	11:36	60.4	63.0	48.8	61.6	62.2	<Baseline Level	75	Trial pit	Traffic, sports										
				11:41	62.7	66.8	50.2																
				11:46	61.9	64.5	48.4																
				11:51	58.0	58.8	52.0																
				11:56	60.4	62.2	55.5																
				12:01	63.9	65.0	61.9																
				14:51	57.0	59.8	49.2																
6 Jun 2022	Cloudy	1.3	94.1	14:56	56.0	60.4	47.5	56.7	62.2	<Baseline Level	75	Nil	Traffic										
				15:01	53.9	56.8	47.6																
				15:06	55.9	60.6	48.8																
				15:11	57.6	59.9	50.7																
				15:16	58.3	62.5	49.4																
				13:40	54.6	58.3	47.9																
				13:45	58.6	62.3	49.5																
15 Jun 2022	Cloudy	1.5	94.2	13:50	60.6	63.2	48.6	58.7	62.2	<Baseline Level	75	Nil	Traffic										
				13:55	60.6	65.5	50.6																
				14:00	56.9	59.8	49.4																
				14:05	57.8	62.1	49.9																
				15:30	57.2	61.0	45.9																
				15:35	59.3	64.8	46.0																
				15:40	55.5	59.9	45.5																
22 Jun 2022	Sunny	1.3	94.2	15:45	57.2	60.8	46.1	57.2	62.2	<Baseline Level	75	Nil	Traffic, sports										
				15:50	55.8	58.7	46.3																
				15:55	56.8	59.4	47.1																
				11:20	64.8	63.0	59.3																
				29 Jun 2022	Sunny	1.3	94.1							11:25	60.7	61.3	52.7	61.2	62.2	<Baseline Level	75	Nil	Traffic
														11:30	57.3	59.6	48.7						
														11:35	58.1	59.8	47.4						
11:40	63.0	64.1	51.5																				
11:45	56.5	60.0	50.1																				



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 Jul 2022	Cloudy	0.5	94.0	13:40	59.3	62.1	46.4	55.6	62.2	<Baseline Level	75	Nil	Traffic
				13:45	56.4	58.2	47.8						
				13:50	51.8	54.2	45.7						
				13:55	53.9	57.7	43.4						
				14:00	56.5	56.0	42.2						
13 Jul 2022	Sunny	0.9	94.1	14:05	44.8	46.9	41.6	59.9	62.2	<Baseline Level	75	Nil	Traffic
				13:45	55.2	57.0	40.5						
				13:50	63.1	65.5	43.0						
				13:55	57.2	59.4	45.7						
				14:00	57.4	60.3	44.6						
18 Jul 2022	Sunny	0.4	93.9	14:05	61.3	63.8	45.6	55.6	62.2	<Baseline Level	75	Nil	Traffic
				14:10	60.5	63.1	46.8						
				14:15	55.4	58.2	44.3						
				14:20	56.3	59.1	46.5						
				14:25	53.6	55.9	47.8						
29 Jul 2022	Sunny	1.1	94.0	14:30	52.4	55.4	44.2	56.6	62.2	<Baseline Level	75	Nil	Traffic
				14:35	56.3	58.9	45.9						
				14:40	57.6	61.2	47.1						
				11:30	54.1	56.9	43.9						
				11:35	55.0	58.5	41.2						



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: 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: 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)								
1 Jun 2022	Cloudy	2.1	94.1	9:51	66.3	65.9	58.7	63.7	68.1	<Baseline Level	75	Nil	Traffic
				9:56	62.7	63.7	55.8						
				10:01	63.6	66.5	56.8						
				10:06	62.2	64.4	55.5						
				10:11	63.6	67.0	56.3						
				10:16	62.2	63.4	56.7						
6 Jun 2022	Cloudy	1.4	94.1	10:01	69.0	69.5	67.8	68.5	68.1	58	75	Nil	Traffic
				10:06	68.9	69.8	66.8						
				10:11	67.4	69.0	64.0						
				10:16	64.4	65.9	62.1						
				10:21	69.5	72.7	64.2						
				10:26	69.7	72.8	63.6						
15 Jun 2022	Cloudy	0.2	94.1	13:10	57.5	60.0	54.0	58.6	68.1	<Baseline Level	75	Nil	Traffic
				13:15	56.8	58.7	54.4						
				13:20	58.0	59.2	56.4						
				13:25	61.8	62.4	57.5						
				13:30	57.7	59.8	54.2						
				13:35	57.4	60.1	55.3						
22 Jun 2022	Sunny	1.3	94.0	16:30	61.2	62.8	51.2	58.9	68.1	<Baseline Level	75	Nil	Traffic, sports
				16:35	53.4	56.5	46.7						
				16:40	57.1	59.3	51.1						
				16:45	56.9	59.2	51.8						
				16:50	55.7	57.3	48.2						
				16:55	62.3	65.7	56.3						
29 Jun 2022	Sunny	1.1	94.1	9:00	53.2	53.9	49.2	57.6	68.1	<Baseline Level	75	Nil	Traffic
				9:05	59.5	60.6	49.1						
				9:10	54.6	56.0	51.4						
				9:15	57.5	58.6	51.9						
				9:20	57.2	58.9	53.5						
				9:25	60.0	59.5	53.8						

Note: Noise monitoring at N16a started from June 2022



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 Jul 2022	Cloudy	1.1	94.0	14:45	57.1	60.1	52.2	59.9	68.1	<Baseline Level	75	Nil	Traffic
				14:50	63.8	65.1	52.4						
				14:55	56.0	57.7	52.0						
				15:00	56.3	57.5	51.7						
				15:05	56.4	56.8	51.2						
				15:10	62.3	59.4	51.0						
13 Jul 2022	Sunny	0.4	94.0	15:10	56.8	59.2	55.9	58.7	68.1	<Baseline Level	75	Nil	Traffic
				15:15	57.2	60.3	56.1						
				15:20	55.3	58.6	54.1						
				15:25	60.3	64.6	56.3						
				15:30	58.6	61.2	55.6						
				15:35	61.2	65.8	56.8						
18 Jul 2022	Sunny	0.8	94.1	13:00	57.4	60.2	53.6	58.3	68.1	<Baseline Level	75	Nil	Traffic
				13:05	58.3	61.3	54.8						
				13:10	56.2	58.6	53.3						
				13:15	56.1	59.4	53.7						
				13:20	59.8	63.2	52.6						
				13:25	60.3	65.8	54.1						
29 Jul 2022	Sunny	0.6	93.9	10:00	60.0	61.6	51.6	62.3	68.1	<Baseline Level	75	Nil	Traffic
				10:05	63.0	65.3	50.3						
				10:10	62.5	66.9	50.9						
				10:15	59.4	64.4	47.4						
				10:20	65.8	68.9	55.9						
				10:25	58.8	61.7	53.2						



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: 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						
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						
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						
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						
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: 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)					
1 Jun 2022	Cloudy	1.1	94.1	10:26	58.9	62.8	49.8	59.0	68.5	<Baseline Level	75	Nil	Traffic
				10:31	59.4	63.5	50.2						
				10:36	57.4	62.0	49.5						
				10:41	60.1	64.9	51.2						
				10:46	60.6	64.2	52.5						
				10:51	56.1	57.7	49.5						
6 Jun 2022	Cloudy	1.1	94.1	10:36	60.8	64.3	52.8	61.2	68.5	<Baseline Level	75	Nil	Traffic
				10:41	65.8	70.5	50.1						
				10:46	55.9	59.1	49.8						
				10:51	60.5	66.4	49.6						
				10:56	56.6	59.8	49.7						
				11:01	59.7	61.4	49.7						
15 Jun 2022	Cloudy	0.5	94.0	12:41	55.3	59.3	49.6	56.0	68.5	<Baseline Level	75	Nil	Traffic
				12:46	50.7	52.4	49.0						
				12:51	58.4	61.9	50.3						
				12:56	51.5	54.3	48.8						
				13:01	55.9	59.8	49.7						
				13:06	58.5	62.0	50.5						
22 Jun 2022	Sunny	1.3	94.0	16:00	54.2	57.9	48.0	53.1	68.5	<Baseline Level	75	Nil	Traffic, sports
				16:05	50.0	51.7	48.1						
				16:10	55.1	58.0	47.7						
				16:15	52.4	54.3	48.5						
				16:20	53.3	55.6	47.8						
				16:25	51.7	52.2	47.8						
29 Jun 2022	Sunny	1.3	93.5	9:35	54.5	57.2	45.9	58.4	68.5	<Baseline Level	75	Nil	Traffic
				9:40	54.5	57.7	45.1						
				9:45	57.8	63.7	48.9						
				9:50	61.8	62.2	61.0						
				9:55	59.1	60.0	58.1						
				10:00	58.2	59.5	56.8						

Note: Noise monitoring at N16b started from June 2022



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)								
6 Jul 2022	Cloudy	0.4	93.9	14:15	60.0	61.3	56.3	60.0	68.5	<Baseline Level	75	Nil	Traffic
				14:20	62.7	63.1	62.1						
				14:25	61.9	62.9	61.1						
				14:30	58.8	60.0	57.5						
				14:35	56.9	57.7	55.8						
				14:40	55.8	56.7	54.1						
13 Jul 2022	Sunny	1.6	93.8	14:30	58.7	61.0	56.4	57.0	68.5	<Baseline Level	75	Nil	Traffic
				14:35	54.9	55.9	53.4						
				14:40	54.5	55.9	50.9						
				14:45	56.4	58.0	52.7						
				14:50	55.3	57.6	54.3						
				14:55	59.6	61.3	57.1						
18 Jul 2022	Sunny	0.2	94.0	13:40	54.6	55.9	52.2	55.4	68.5	<Baseline Level	75	Nil	Traffic
				13:45	55.2	56.8	53.1						
				13:50	54.1	55.3	52.7						
				13:55	57.8	60.0	55.2						
				14:00	54.3	55.9	53.3						
				14:05	55.5	56.6	52.3						
29 Jul 2022	Sunny	0.1	94.0	10:45	52.0	55.6	42.5	52.5	68.5	<Baseline Level	75	Nil	Traffic
				10:50	49.6	52.3	41.9						
				10:55	49.3	52.2	42.4						
				11:00	55.2	56.8	48.2						
				11:05	52.0	53.7	49.9						
				11:15	53.9	56.4	48.1						



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: 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	Time	Measurement Noise Level			Average Noise Level	Baseline Level	Construction Noise Level	Limit Level
			Leq	L10	L90	Leq	Leq	Leq	Leq
			Unit: dB(A), (5-min)			Unit: dB(A), (30-min)			
4 Nov 2021	Fine	15:34	66.4	71.0	58.1	66.6	62.3	65	70
		15:39	66.3	70.5	56.1				
		15:44	68.8	71.9	62.9				
		15:49	65.4	67.7	57.5				
		15:54	63.2	66.0	53.0				
		15:59	67.7	71.6	51.7				
9 Nov 2021	Fine	15:30	50.2	53.0	44.5	49.9	62.3	<Baseline Level	70
		15:35	49.4	51.6	42.0				
		15:40	51.6	54.3	44.0				
		15:45	47.8	50.5	41.3				
		15:50	47.6	50.7	42.7				
		15:55	51.0	54.2	42.3				
16 Nov 2021	Sunny	10:49	50.5	52.7	44.5	49.3	62.3	<Baseline Level	70
		10:54	49.1	51.8	44.7				
		10:59	47.9	50.3	44.1				
		11:04	47.7	50.2	43.1				
		11:09	47.6	50.8	42.1				
		11:14	51.3	54.4	44.3				
23 Nov 2021	Cloudy	14:43	51.3	53.3	44.7	50.4	62.3	<Baseline Level	70
		14:48	49.9	51.6	42.7				
		14:53	49.8	50.6	45.0				
		14:58	50.8	52.1	45.4				
		15:03	49.3	51.9	45.0				
		15:08	50.7	52.7	43.9				
30 Nov 2021	Sunny	11:33	49.8	51.5	47.1	55.5	62.3	<Baseline Level	70
		11:38	51.3	52.9	46.6				
		11:43	50.1	52.3	46.1				
		11:48	53.5	55.7	48.4				
		11:53	57.7	60.7	51.7				
		11:58	59.9	61.7	53.8				



Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: N17 - Bui O Public School

Date	Weather	Time	Measurement Noise Level			Average Noise Level	Baseline Level	Construction Noise Level	Limit Level
			Leq	L10	L90	Leq	Leq	Leq	Leq
			Unit: dB(A), (5-min)			Unit: dB(A), (30-min)			
7 Dec 2021	Fine	14:00	50.1	52.0	44.1	50.2	62.3	<Baseline Level	70
		14:05	49.4	51.7	45.0				
		14:10	49.4	52.0	42.9				
		14:15	50.8	53.9	44.4				
		14:20	50.8	53.8	43.8				
		14:25	50.6	52.4	44.3				
16 Dec 2021	Sunny	13:46	51.2	53.3	46.9	51.7	62.3	<Baseline Level	70
		13:51	51.0	52.9	47.0				
		13:56	50.8	53.6	46.9				
		14:01	51.8	53.8	48.0				
		14:06	52.4	55.2	47.4				
		14:11	52.5	54.7	48.6				
23 Dec 2021	Cloudy	9:56	50.4	53.4	44.7	52.3	62.3	<Baseline Level	70
		10:01	50.6	53.1	45.9				
		10:06	49.3	51.7	46.4				
		10:11	52.7	54.7	44.5				
		10:16	55.8	59.5	46.6				
		10:21	51.5	54.5	45.3				
28 Dec 2021	Sunny	10:11	52.4	54.7	47.6	50.2	62.3	<Baseline Level	70
		10:16	51.8	55.1	43.6				
		10:21	47.3	49.8	43.1				
		10:26	49.4	51.3	43.0				
		10:31	49.7	52.5	44.4				
		10:36	48.3	51.1	43.5				



Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: N17 - Bui O Public School

Date	Weather	Time	Measurement Noise Level			Average Noise Level	Baseline Level	Construction Noise Level	Limit Level
			Leq	L10	L90	Leq	Leq	Leq	Leq
			Unit: dB(A), (5-min)			Unit: dB(A), (30-min)			
4 Jan 2022	Sunny	10:46	53.5	56.0	48.3	53.2	62.3	<Baseline Level	70
		10:51	52.0	53.9	46.6				
		10:56	51.0	54.0	46.2				
		11:01	51.0	53.6	46.7				
		11:06	53.4	56.6	47.8				
		11:11	56.0	59.3	49.2				
11 Jan 2022	Sunny	10:46	52.0	53.6	46.3	51.7	62.3	<Baseline Level	65
		10:51	51.2	53.8	47.4				
		10:56	51.5	53.2	47.3				
		11:01	52.1	54.7	47.2				
		11:06	51.5	54.1	47.3				
		11:11	51.6	54.7	46.2				
18 Jan 2022	Cloudy	11:11	51.3	53.0	43.6	49.5	62.3	<Baseline Level	70
		11:16	48.4	50.2	45.3				
		11:21	49.7	52.1	44.3				
		11:26	46.8	50.4	41.4				
		11:31	49.3	52.0	43.7				
		11:36	50.0	52.7	43.0				
25 Jan 2022	Cloudy	13:16	50.8	53.1	43.5	51.1	62.3	<Baseline Level	70
		13:21	48.2	51.0	43.4				
		13:26	49.4	53.0	43.1				
		13:31	47.1	50.5	41.0				
		13:36	55.3	56.6	42.8				
		13:41	50.6	53.9	42.1				



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)								
4 Feb 2022	Cloudy	3.3	93.9	9:01	47.8	51.5	39.2	48.0	62.3	<Baseline Level	70	Nil	Traffic
				9:06	46.7	49.9	39.9						
				9:11	45.4	48.0	39.0						
				9:16	49.1	52.3	42.5						
				9:21	46.7	50.1	40.1						
				9:26	50.5	51.9	43.4						
8 Feb 2022	Cloudy	4.7	94.0	13:41	50.5	54.2	43.7	52.0	62.3	<Baseline Level	70	Grindling	Traffic
				13:46	52.5	56.5	44.2						
				13:51	51.2	54.0	43.4						
				13:56	50.4	55.1	45.3						
				14:01	50.8	53.2	44.6						
				14:06	54.8	57.4	44.3						
15 Feb 2022	Sunny	2.8	94.0	11:21	48.7	50.0	42.2	49.6	62.3	<Baseline Level	70	Lo Uk Tsuen: Grindling, rock breaking SSWSTW: Excavation, dump truck	Traffic
				11:26	48.7	51.5	43.7						
				11:31	49.1	52.0	43.0						
				11:36	50.3	52.2	43.6						
				11:41	49.7	53.3	44.4						
				11:46	50.7	53.0	42.5						
24 Feb 2022	Sunny	1.7	94.0	13:31	48.3	51.3	43.1	49.2	62.3	<Baseline Level	70	Dump truck operation	Traffic
				13:36	50.7	52.9	43.1						
				13:41	50.4	53.2	42.8						
				13:46	48.4	51.1	41.5						
				13:51	48.3	51.4	42.0						
				13:56	48.1	50.8	42.1						



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)								
1 Mar 2022	Sunny	1.4	94.4	10:46	49.6	52.6	43.7	50.8	62.3	<Baseline Level	70	Trial pit concrete breaking	Traffic
				10:51	51.0	52.8	45.5						
				10:56	50.8	52.3	42.7						
				11:01	48.8	51.2	43.1						
				11:06	51.9	50.7	41.3						
				11:11	51.9	53.2	43.8						
8 Mar 2022	Sunny	1.6	93.2	13:06	49.3	51.9	43.1	49.3	62.3	<Baseline Level	70	Nil	Non-project related concrete breaking, grinding
				13:11	50.4	53.4	44.7						
				13:16	48.8	50.9	44.2						
				13:21	48.5	50.7	44.2						
				13:26	49.5	51.7	44.5						
				13:31	49.3	52.5	43.7						
15 Mar 2022	Sunny	2.0	93.3	13:56	49.7	53.0	43.3	49.8	62.3	<Baseline Level	70	Nil	Traffic
				14:01	49.4	52.2	44.1						
				14:06	49.5	52.6	42.9						
				14:11	49.5	52.7	43.7						
				14:16	51.2	52.0	44.1						
				14:21	49.4	51.7	43.4						
22 Mar 2022	Sunny	2.5	93.5	11:16	51.1	53.3	46.9	51.1	62.3	<Baseline Level	70	Grinding	Traffic
				11:21	50.0	52.0	46.4						
				11:26	50.1	52.9	45.8						
				11:31	50.2	53.1	45.4						
				11:36	53.5	54.9	46.5						
				11:41	50.3	52.8	46.1						
31 Mar 2022	Sunny	1.9	93.5	10:16	49.5	49.9	43.7	49.5	62.3	<Baseline Level	75	Nil	Traffic
				10:21	49.8	52.0	45.3						
				10:26	49.0	51.7	45.0						
				10:31	49.0	51.9	44.0						
				10:36	49.1	51.7	44.8						
				10:41	50.4	51.9	45.3						



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 Apr 2022	Sunny	2.8	93.6	12:06	49.7	51.6	44.0	48.3	62.3	<Baseline Level	70	Nil	Traffic
				12:11	46.1	48.3	42.6						
				12:16	48.9	51.4	44.3						
				12:21	48.2	51.2	43.2						
				12:26	47.9	50.3	42.4						
				12:31	48.1	50.3	43.1						
13 Apr 2022	Cloudy	2.2	93.6	13:31	49.1	52.1	42.7	48.8	62.3	<Baseline Level	70	Nil	Non-project related concrete breaking, grinding
				13:36	48.7	52.1	43.4						
				13:41	49.8	53.5	42.4						
				13:46	48.4	51.4	43.1						
				13:51	49.3	49.9	43.1						
				13:56	47.3	50.0	42.0						
21 Apr 2022	Sunny	2.0	93.5	10:16	50.0	52.5	46.5	49.7	62.3	<Baseline Level	70	Nil	Traffic
				10:21	49.7	51.5	47.3						
				10:26	49.8	52.0	46.6						
				10:31	49.1	50.9	46.8						
				10:36	48.2	50.4	44.1						
				10:41	51.1	53.3	47.9						
26 Apr 2022	Sunny	3.6	93.7	13:01	59.1	62.6	50.4	55.1	62.3	<Baseline Level	70	Nil	Traffic, school activities
				13:06	54.6	57.6	49.8						
				13:11	51.6	53.8	48.6						
				13:16	55.3	58.5	49.4						
				13:21	53.8	56.2	49.0						
				13:26	50.6	52.3	48.1						



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	Leq	Leq	Leq			
					Unit: dB(A), (5-min)			Unit: dB(A), (30-min)					
3 May 2022	Sunny	1.7	93.9	13:26	49.8	51.8	44.0	49.1	62.3	<Baseline Level	70	N/A	Traffic
				13:31	47.1	49.6	43.2						
				13:36	50.9	53.2	44.6						
				13:41	48.0	51.4	42.1						
				13:46	49.3	52.1	42.5						
			13:51	48.7	51.0	45.3							
10 May 2022	Cloudy	3.1	93.7	13:01	53.8	55.4	46.0	54.7	62.3	<Baseline Level	70	N/A	Non-project related concrete breaking, grinding
				13:06	54.9	56.9	45.2						
				13:11	53.7	56.4	46.4						
				13:16	53.3	55.2	47.6						
				13:21	56.3	58.0	51.3						
			13:26	55.4	57.7	51.6							
19 May 2022	Sunny	1.7	94.2	13:16	55.0	58.7	49.0	53.4	62.3	<Baseline Level	70	N/A	Traffic
				13:21	52.3	54.5	48.9						
				13:26	50.5	52.7	46.0						
				13:31	53.1	55.2	48.9						
				13:36	55.2	58.7	49.0						
			13:41	52.3	54.4	48.0							
26 May 2022	Cloudy	3.1	94.2	13:16	50.3	52.0	48.0	51.1	62.3	<Baseline Level	70	N/A	Traffic
				13:21	50.8	52.7	47.6						
				13:26	50.0	51.9	47.6						
				13:31	50.8	53.4	46.9						
				13:36	52.2	55.2	48.0						
			13:41	51.8	53.4	47.9							



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)								
1 Jun 2022	Cloudy	1.4	94.1	11:01	53.6	55.8	49.0	53.5	62.3	<Baseline Level	70	Nil	Traffic
				11:06	54.8	56.1	50.4						
				11:11	53.5	56.3	49.4						
				11:16	53.0	54.4	49.7						
				11:21	52.1	53.6	49.8						
				11:26	53.3	55.2	50.5						
6 Jun 2022	Cloudy	1.1	94.1	11:16	54.4	56.8	51.3	57.6	62.3	<Baseline Level	70	Nil	Traffic
				11:21	62.0	56.4	52.2						
				11:26	57.4	60.2	50.9						
				11:31	55.9	57.8	51.7						
				11:36	54.2	56.2	51.8						
				11:41	55.6	55.9	52.0						
15 Jun 2022	Cloudy	1.7	94.0	12:00	65.5	62.2	50.8	59.8	62.3	<Baseline Level	70	Nil	Traffic
				12:05	57.3	60.5	51.7						
				12:10	58.6	61.6	53.4						
				12:15	55.7	57.1	50.9						
				12:20	55.4	59.0	50.6						
				12:25	51.9	53.0	50.4						
22 Jun 2022	Sunny	3.1	94.0	13:00	50.8	51.9	49.5	54.2	62.3	<Baseline Level	70	Nil	Traffic
				13:05	51.3	53.3	49.7						
				13:10	51.1	52.6	50.2						
				13:15	53.0	55.9	49.8						
				13:20	51.1	53.1	48.4						
				13:25	59.3	61.2	55.1						
29 Jun 2022	Sunny	0.4	94.1	13:05	54.3	56.3	51.6	54.3	62.3	<Baseline Level	70	Nil	Traffic
				13:10	53.9	56.1	51.2						
				13:15	51.7	52.7	50.3						
				13:20	51.0	52.0	49.5						
				13:25	53.8	56.8	49.7						
				13:30	57.7	61.2	51.1						



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)								
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	13:00	48.2	50.9	43.5	51.5	62.3	<Baseline Level	70	N/A	Traffic
				13:05	51.0	53.7	47.5						
				13:10	51.1	52.5	49.1						
				13:15	51.6	52.9	48.7						
				13:20	52.0	53.9	49.3						
22 Aug 2022	Sunny	0.5	93.3	13:00	51.7	52.3	48.0	49.5	62.3	<Baseline Level	70	N/A	Traffic
				13:05	50.2	53.3	46.7						
				13:10	50.3	52.2	47.5						
				13:15	48.4	50.1	46.4						
				13:20	47.8	49.4	45.9						

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: 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

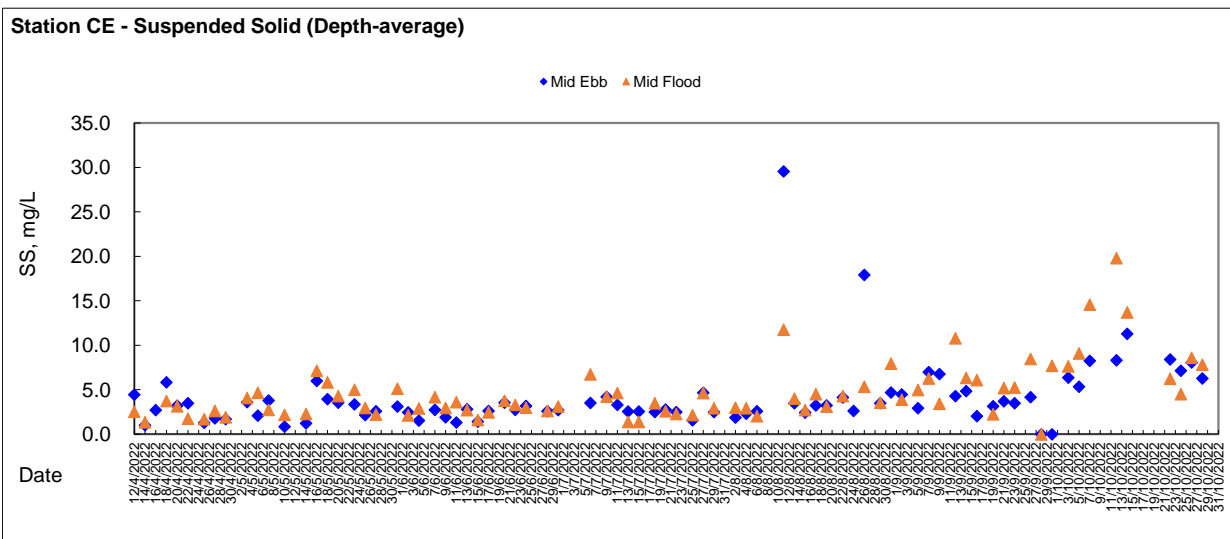
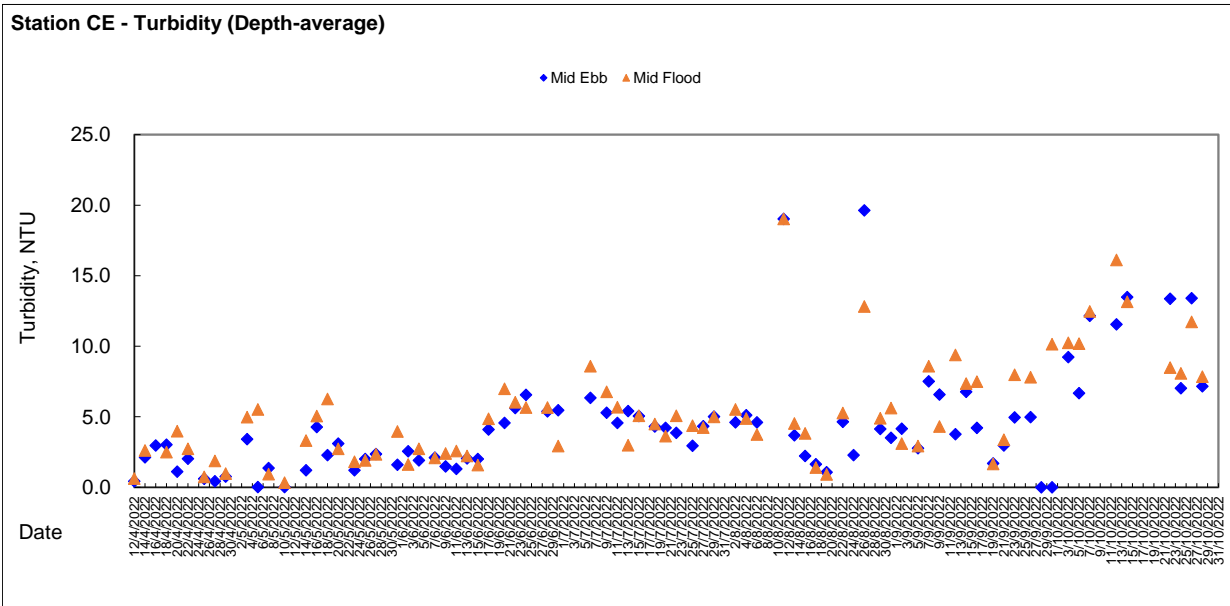
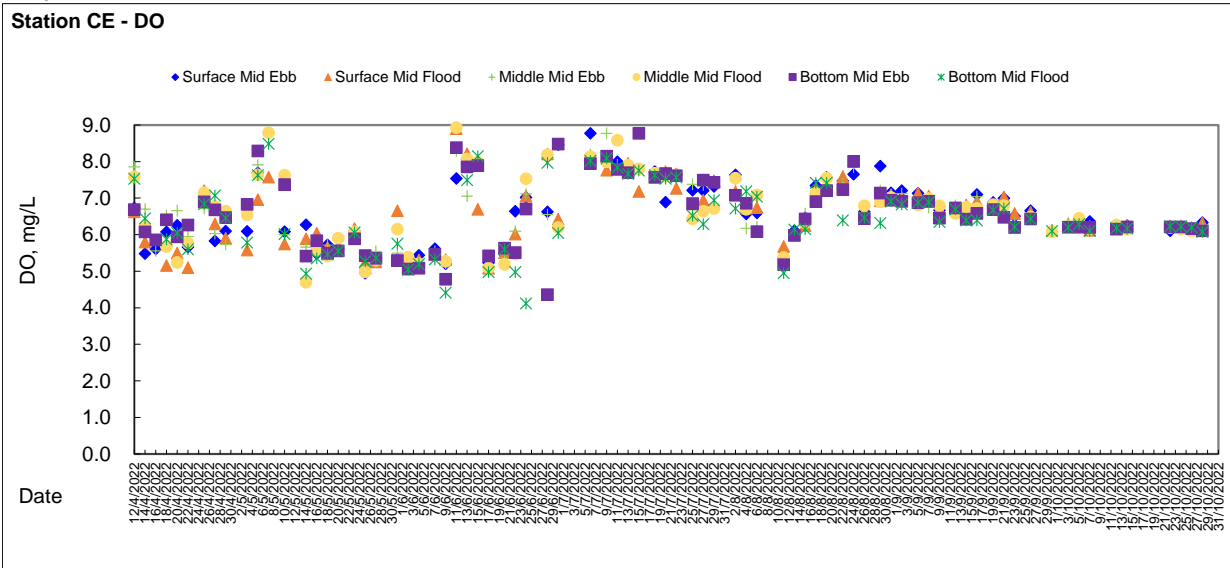


Appendix 5.3

Marine Water Quality Monitoring Results and Graphical Presentations

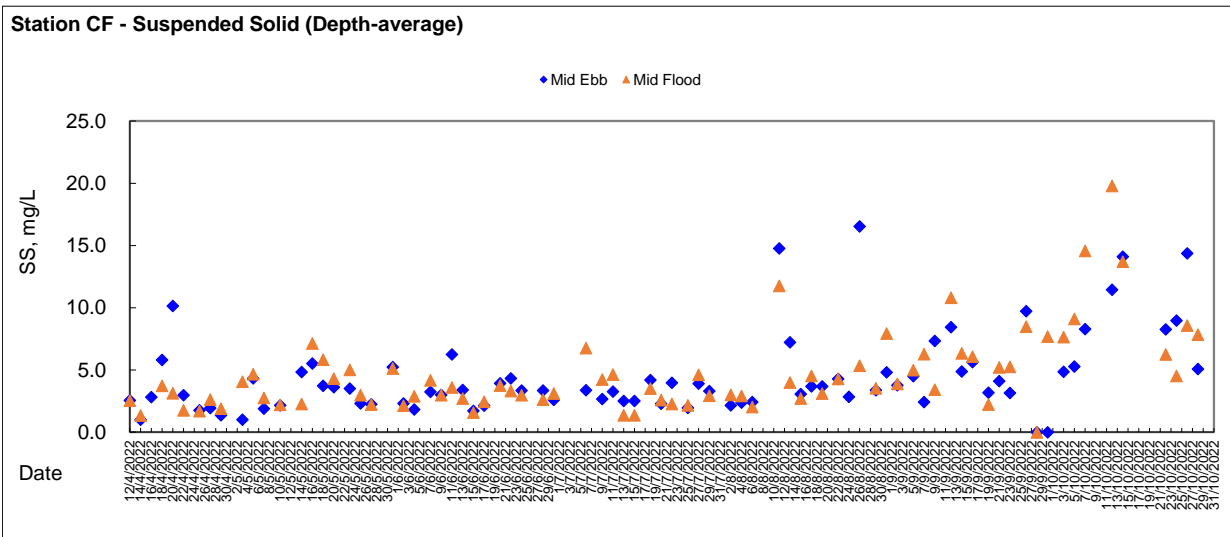
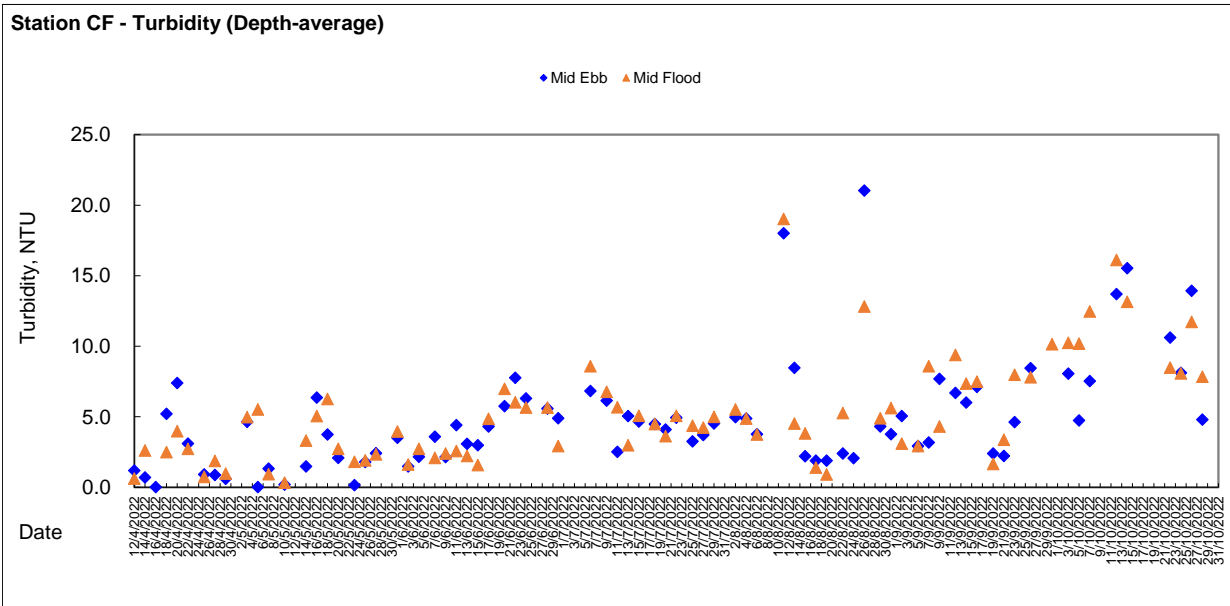
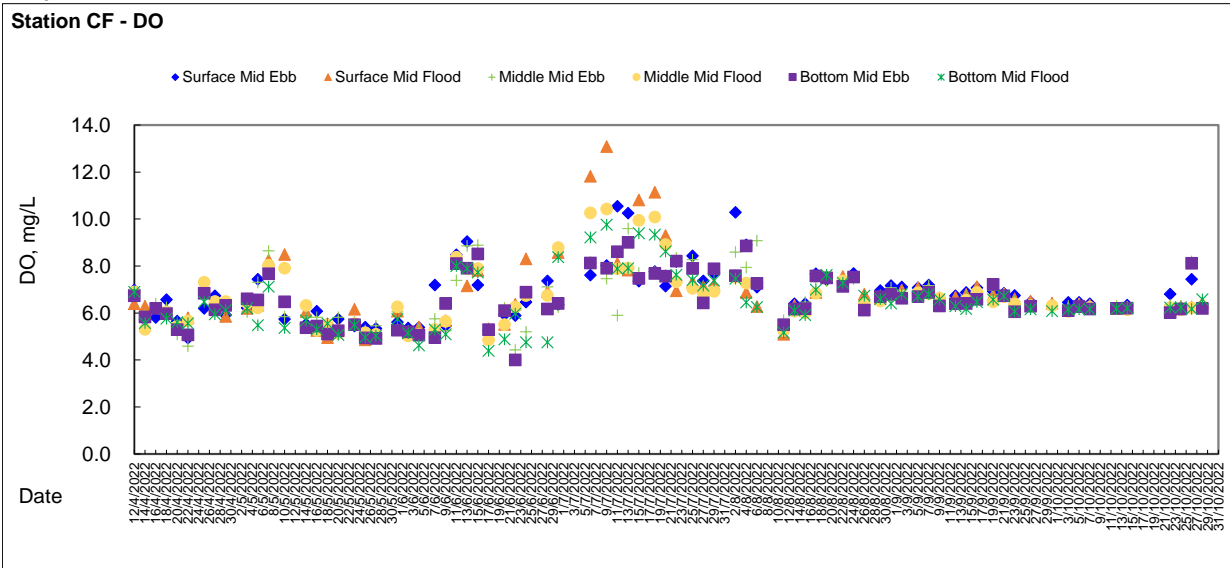


Graphic Presentation of WQM Result





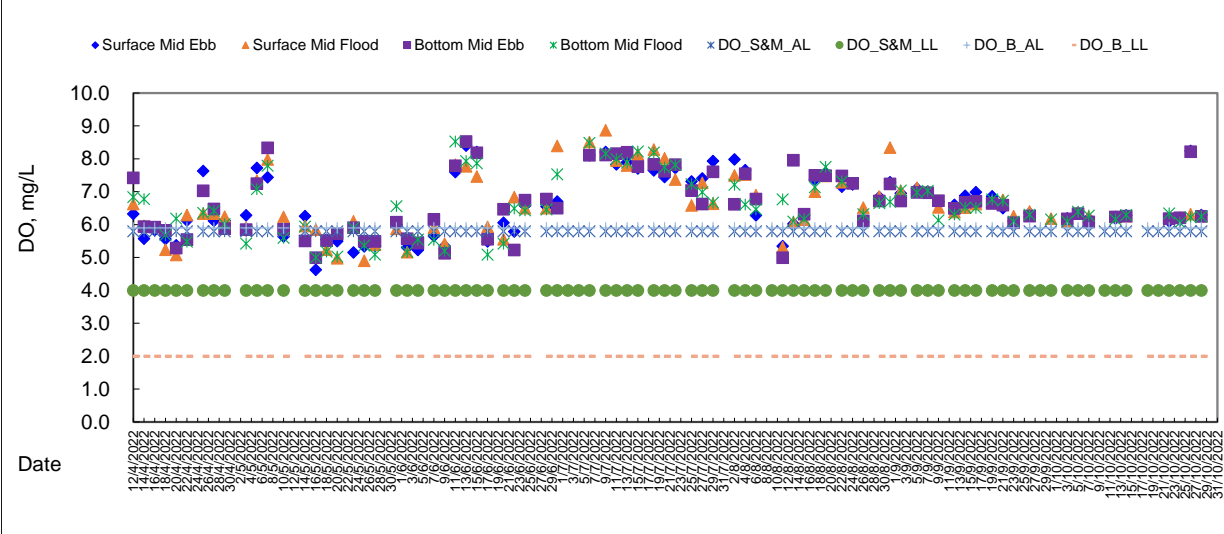
Graphic Presentation of WQM Result



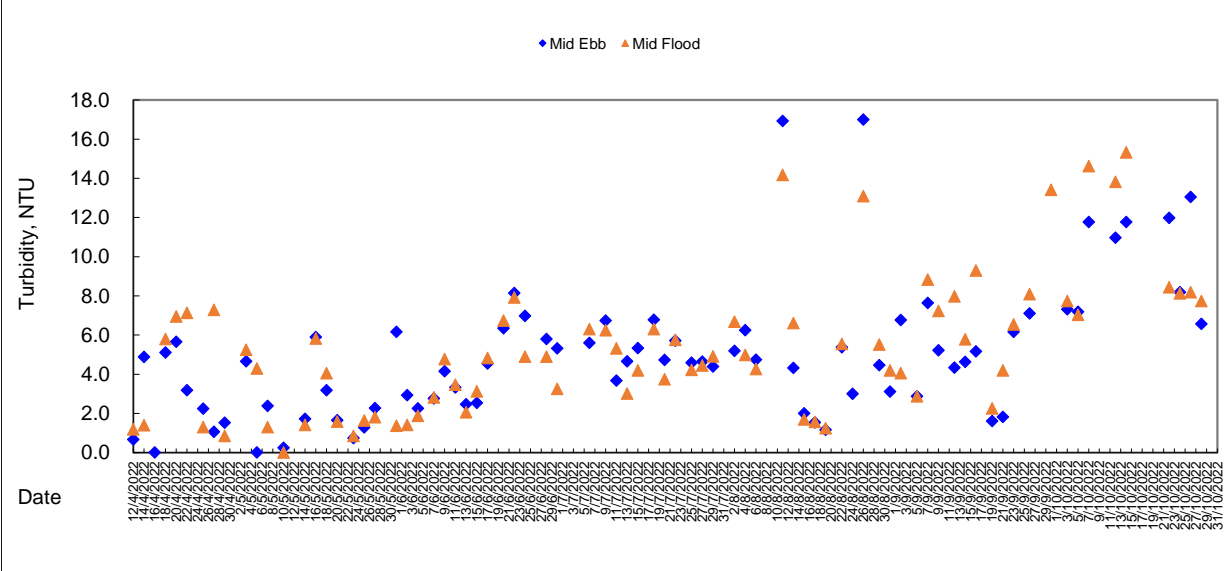


Graphic Presentation of WQM Result

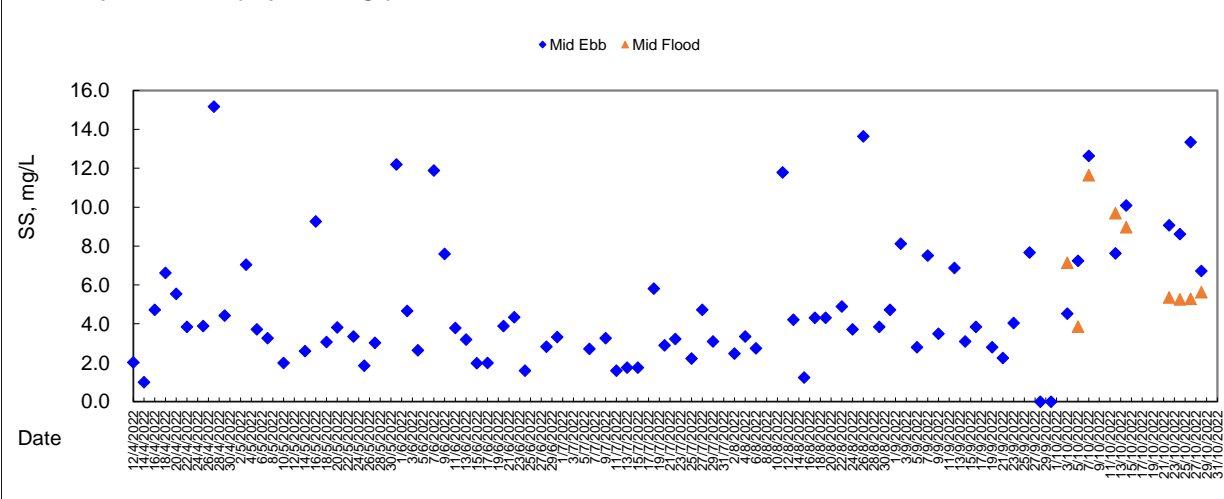
Station SR4 - DO



Station SR4 - Turbidity (Depth-average)

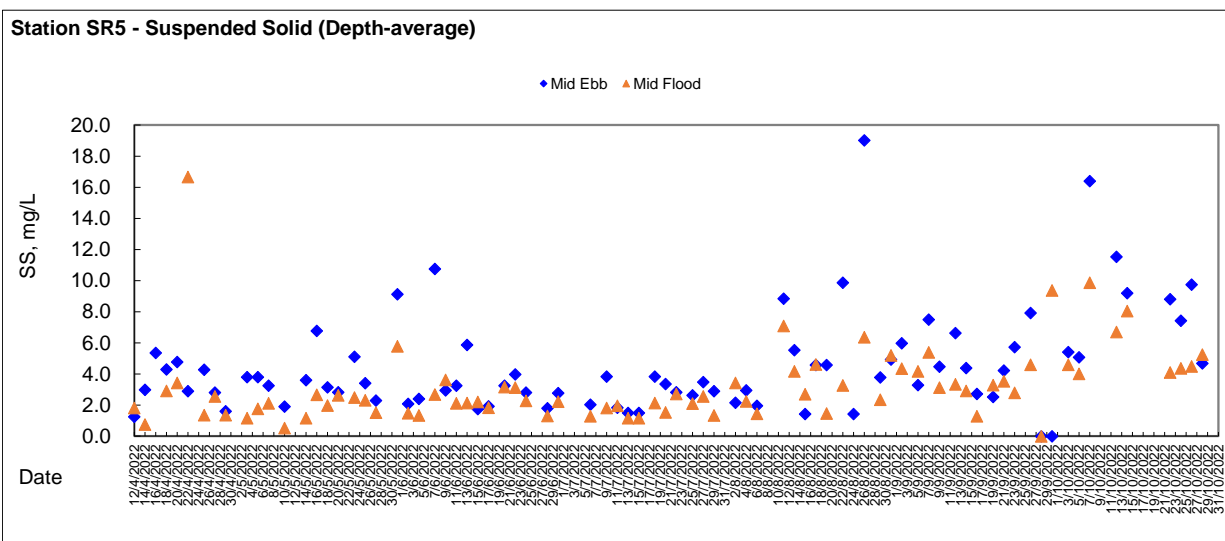
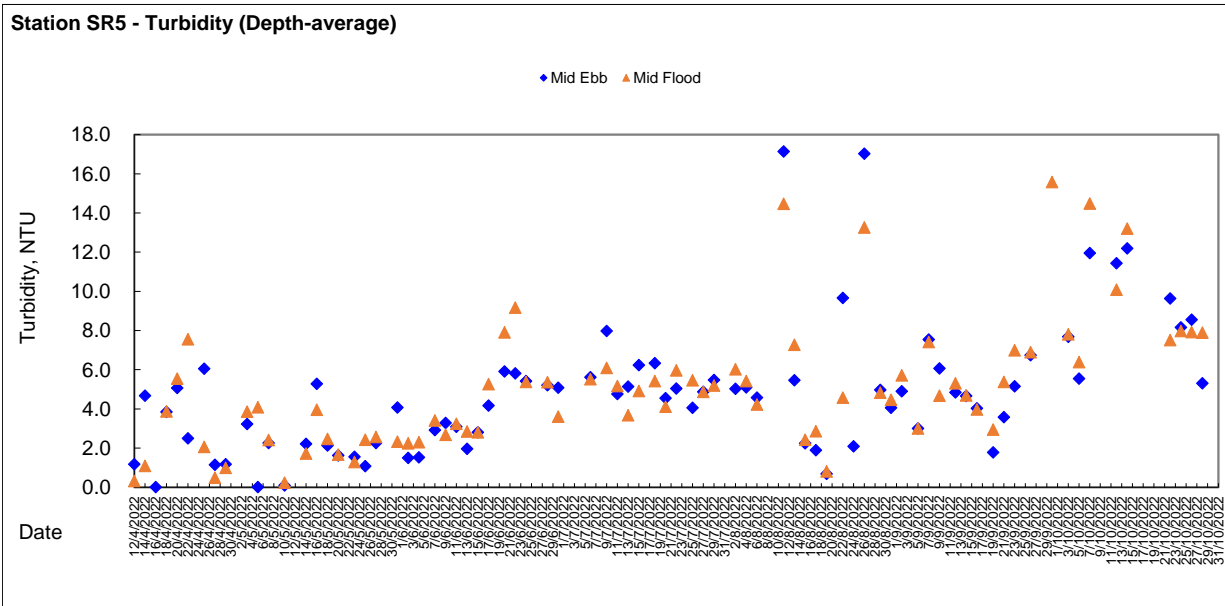
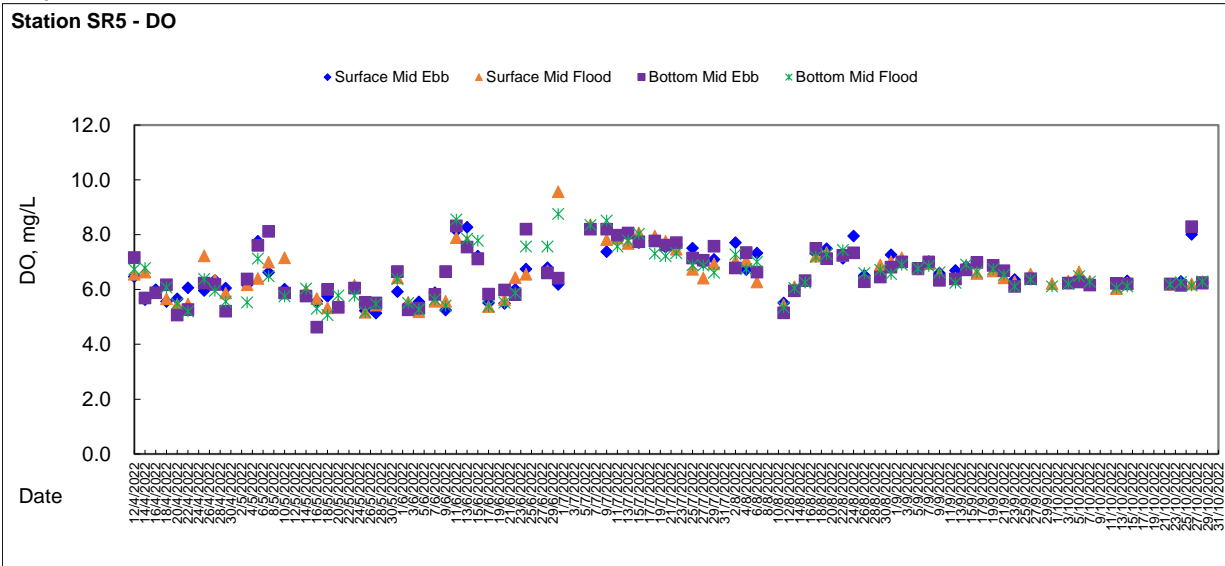


SR4- Suspended Solid (Depth-average)



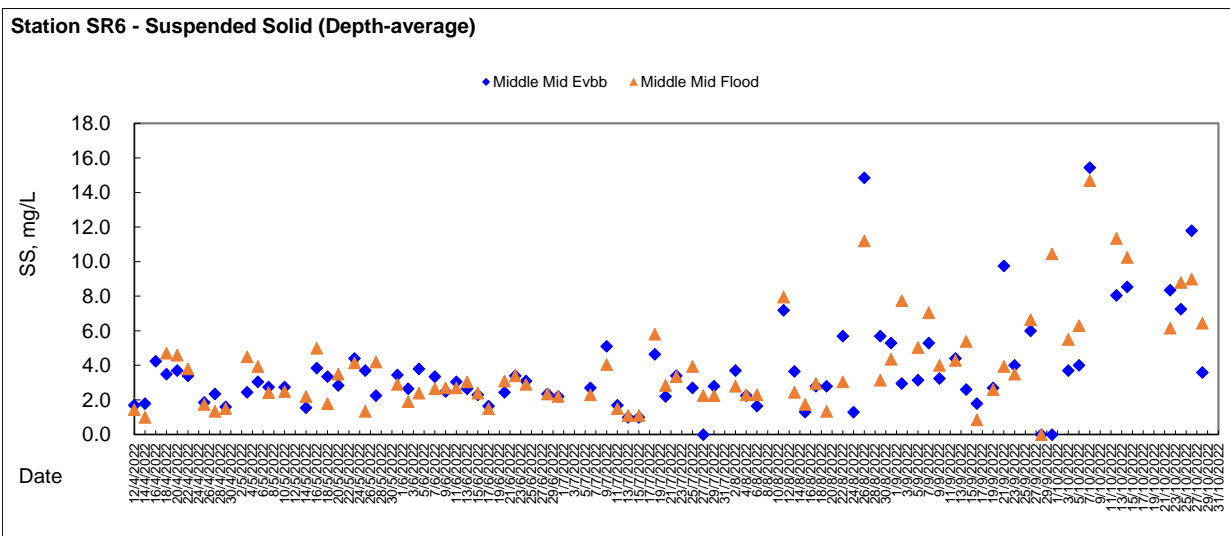
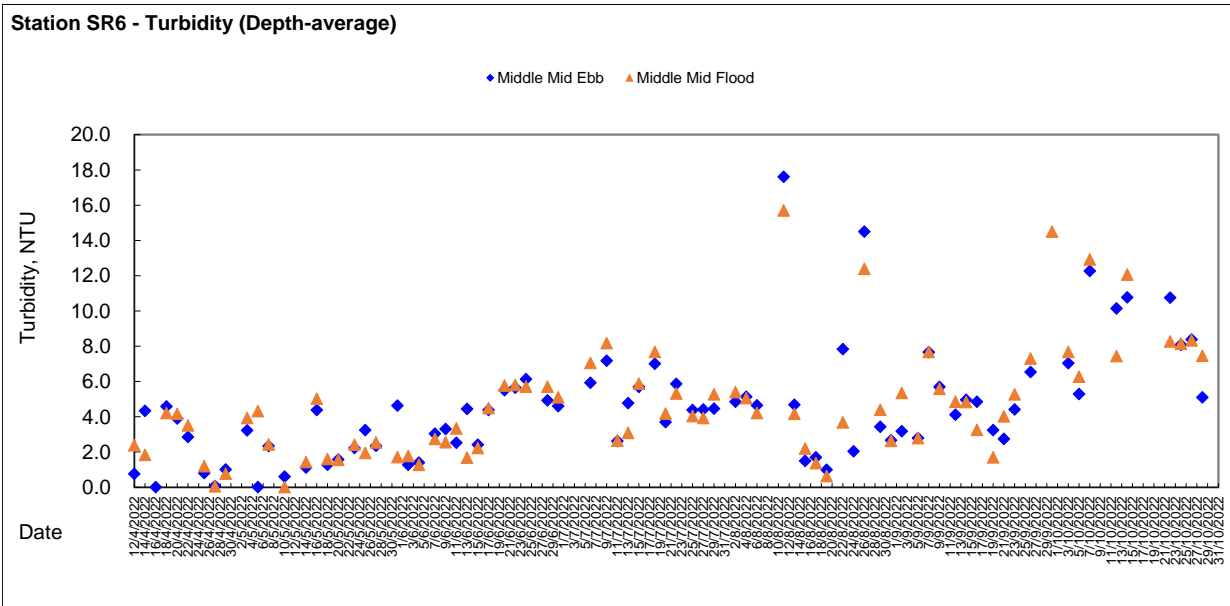
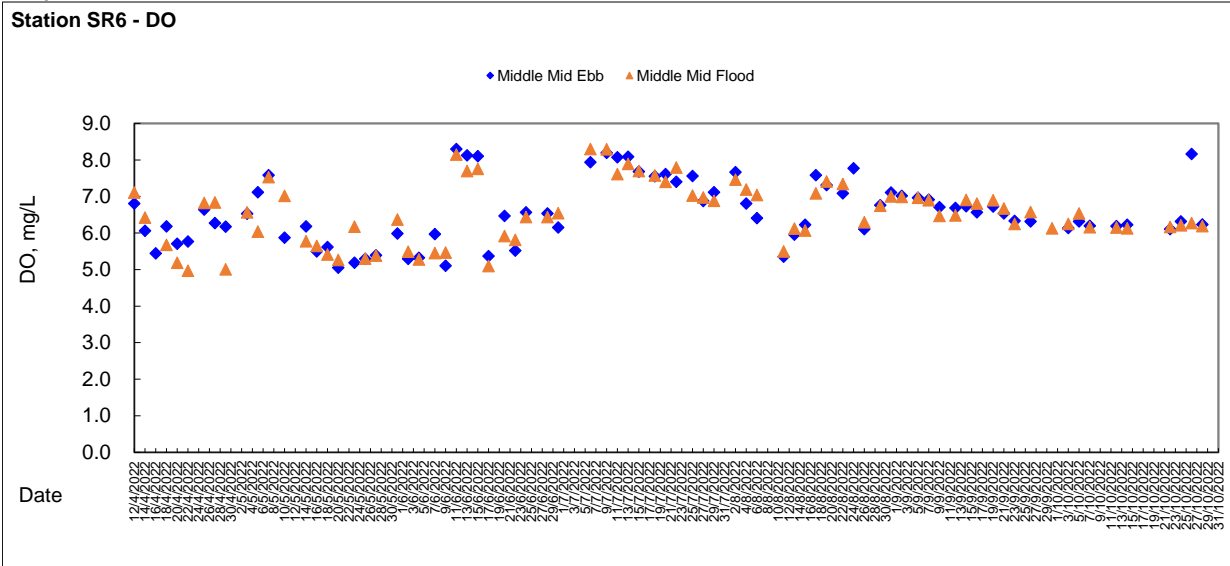


Graphic Presentation of WQM Result



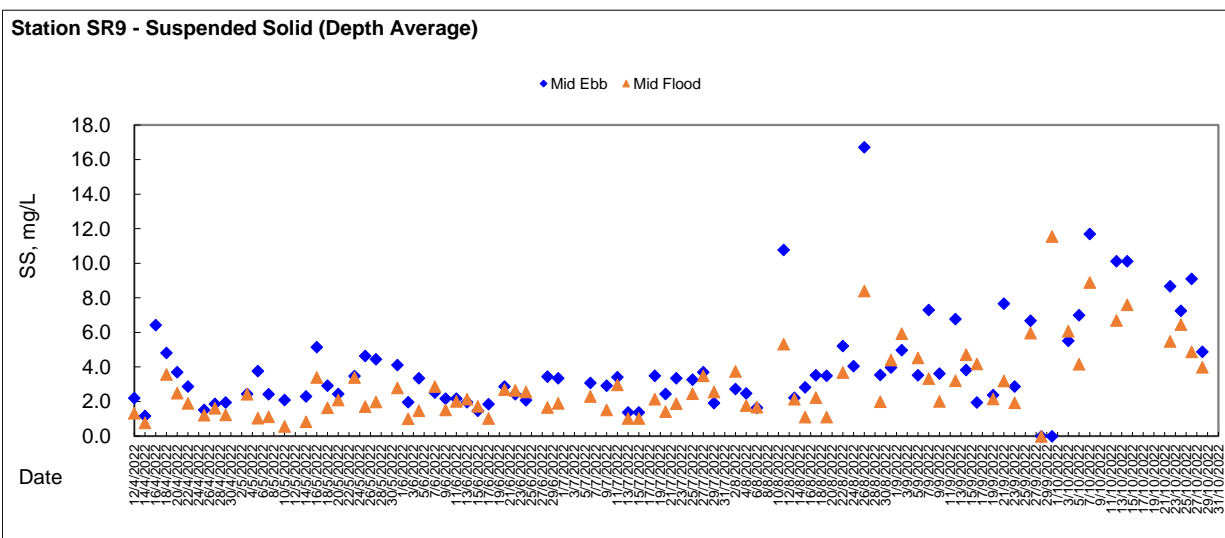
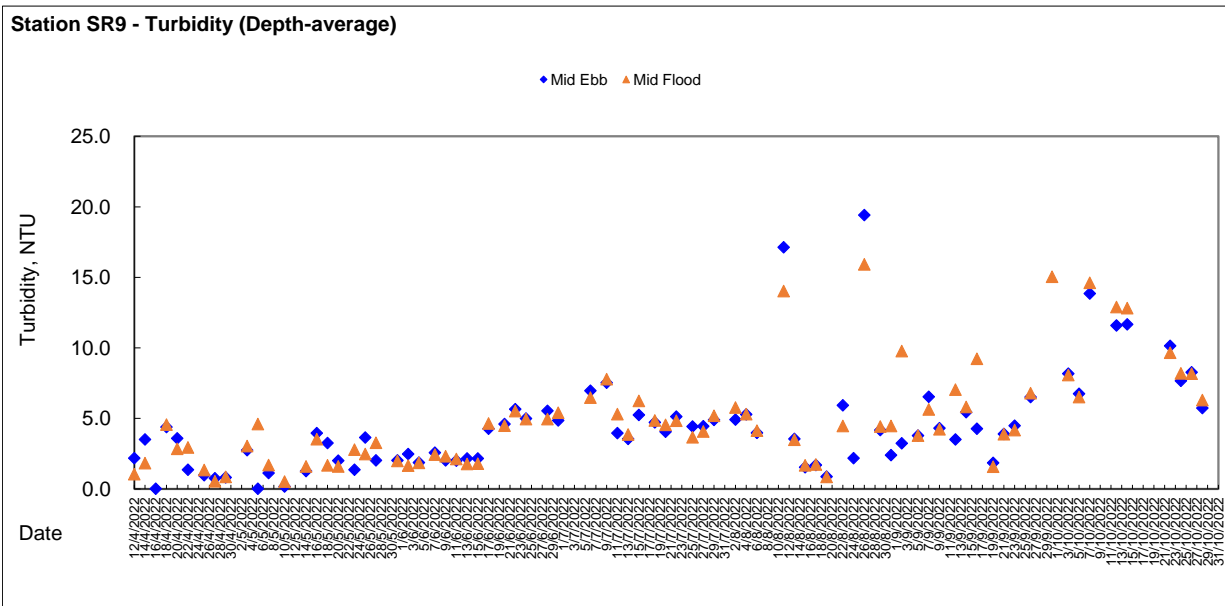
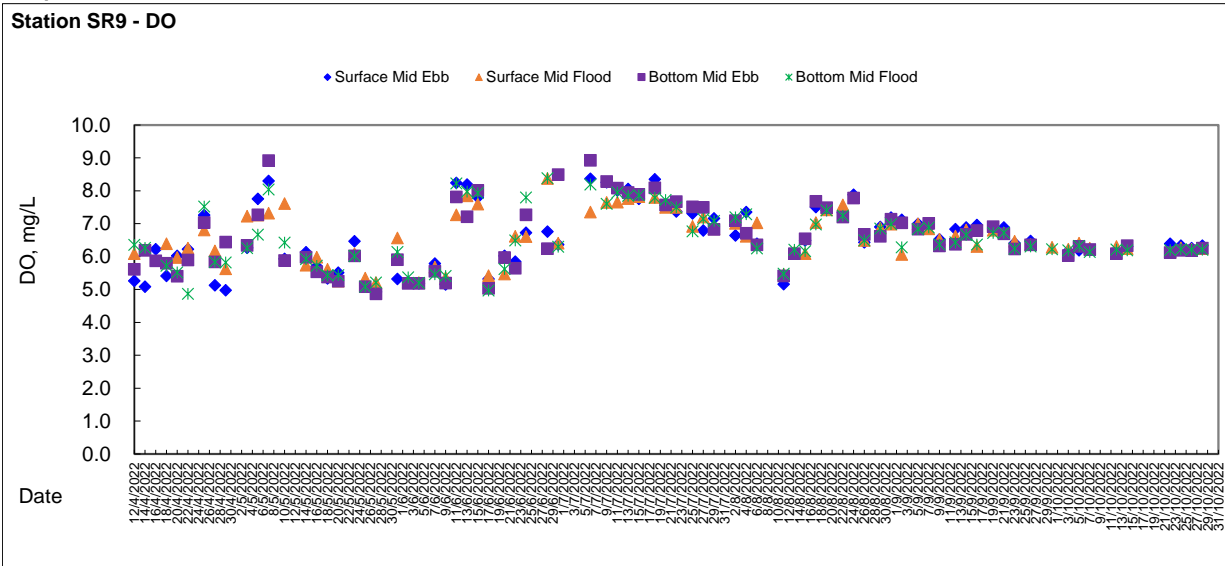


Graphic Presentation of WQM Result



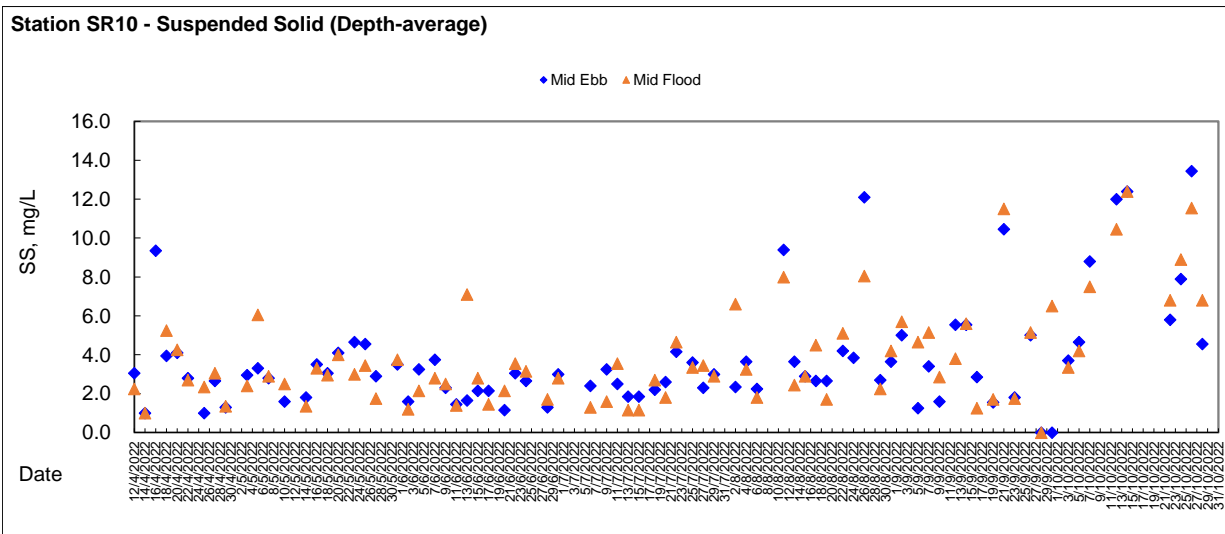
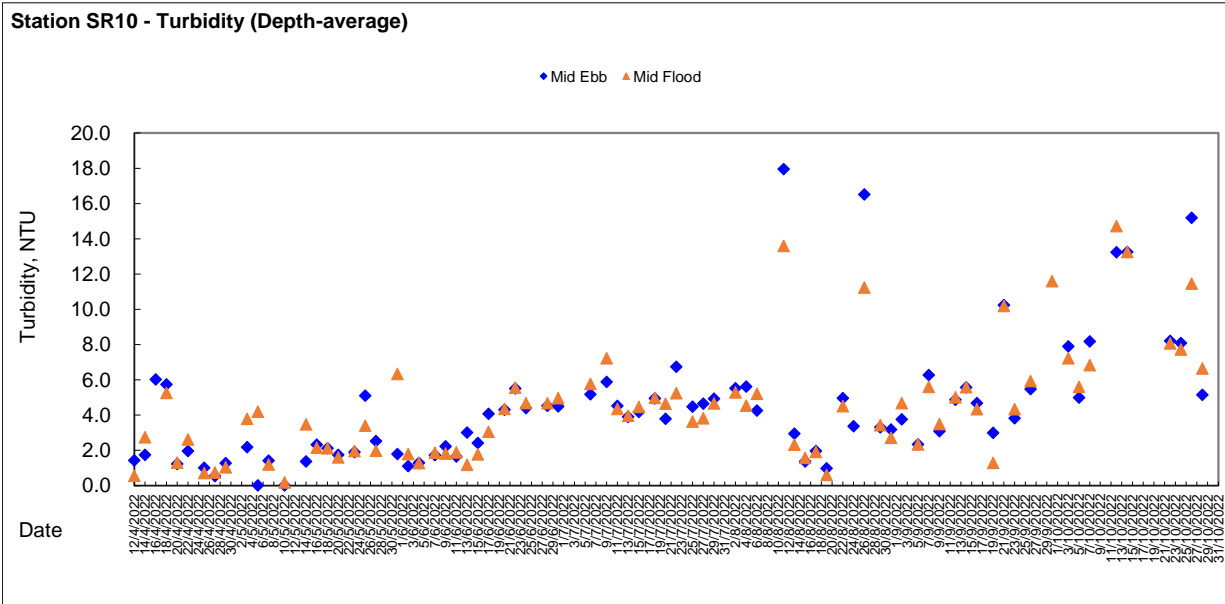
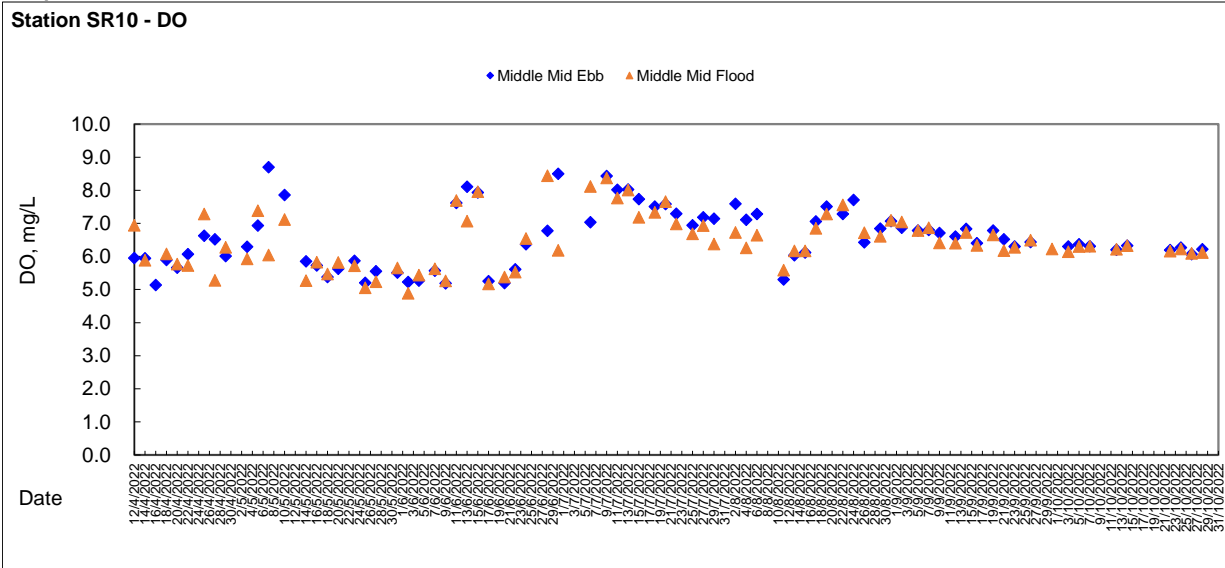


Graphic Presentation of WQM Result



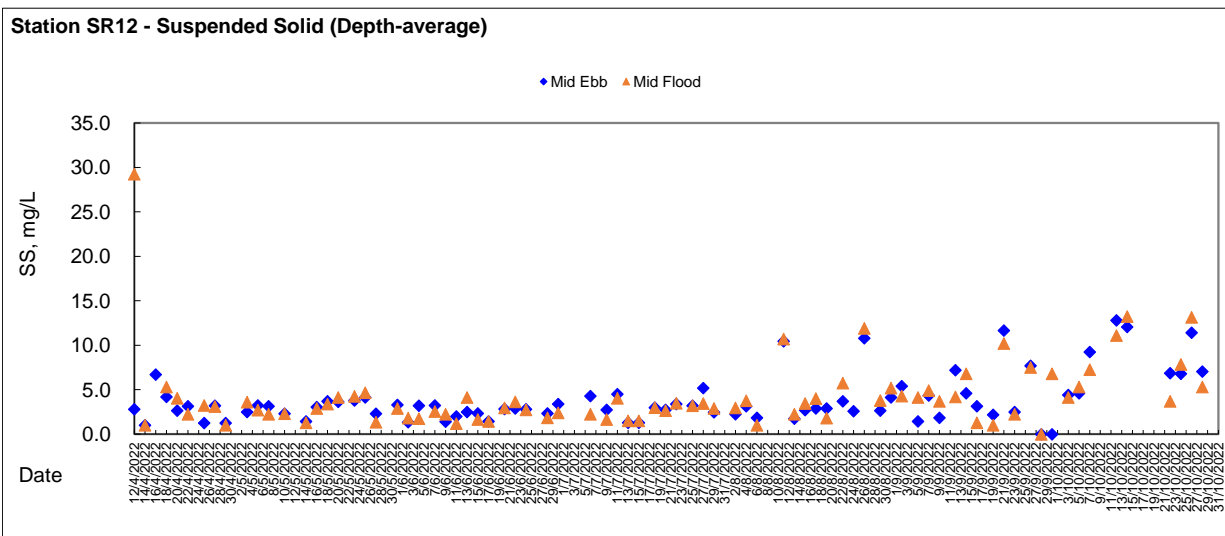
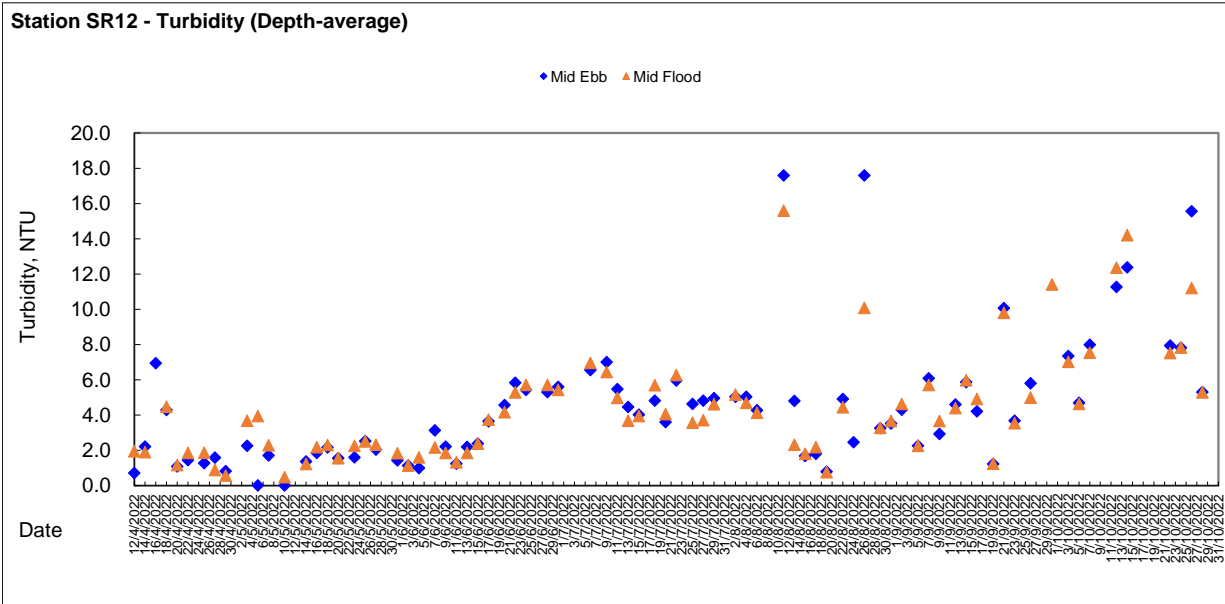
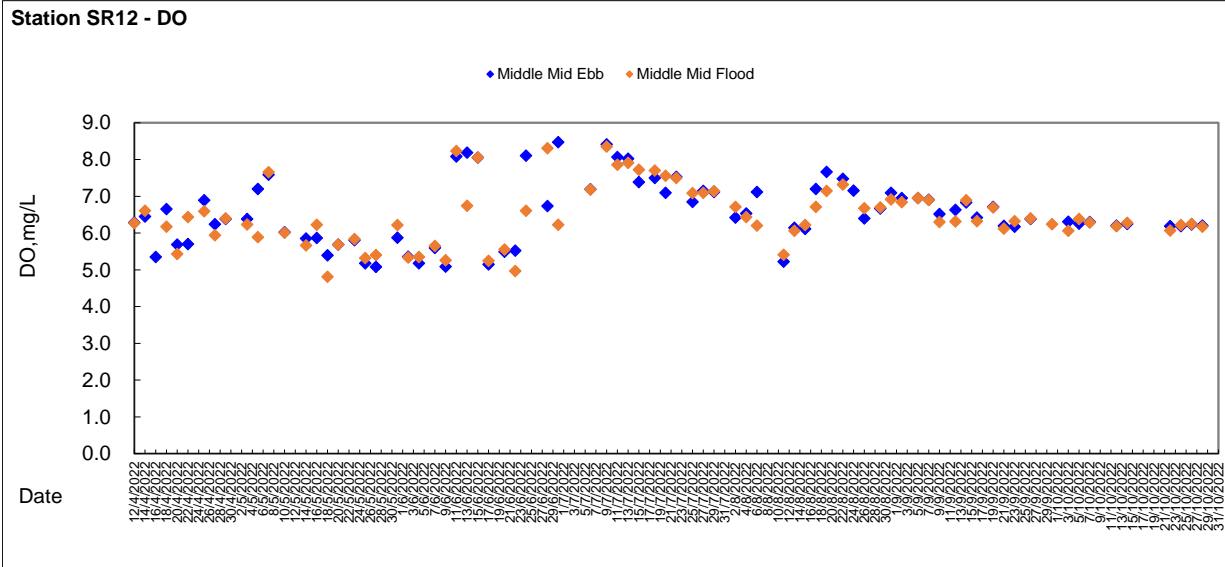


Graphic Presentation of WQM Result



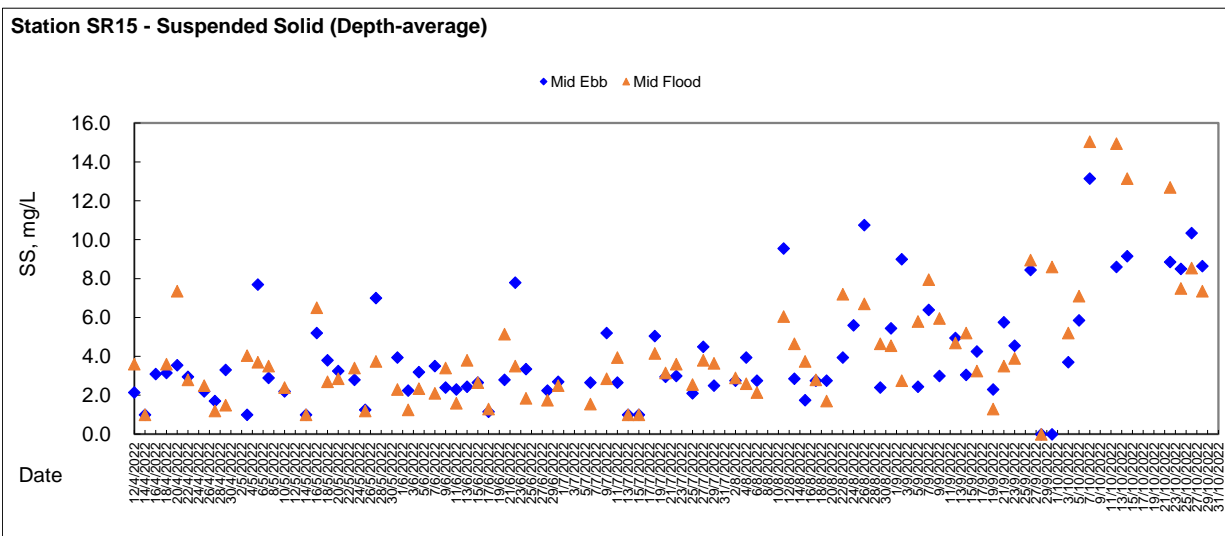
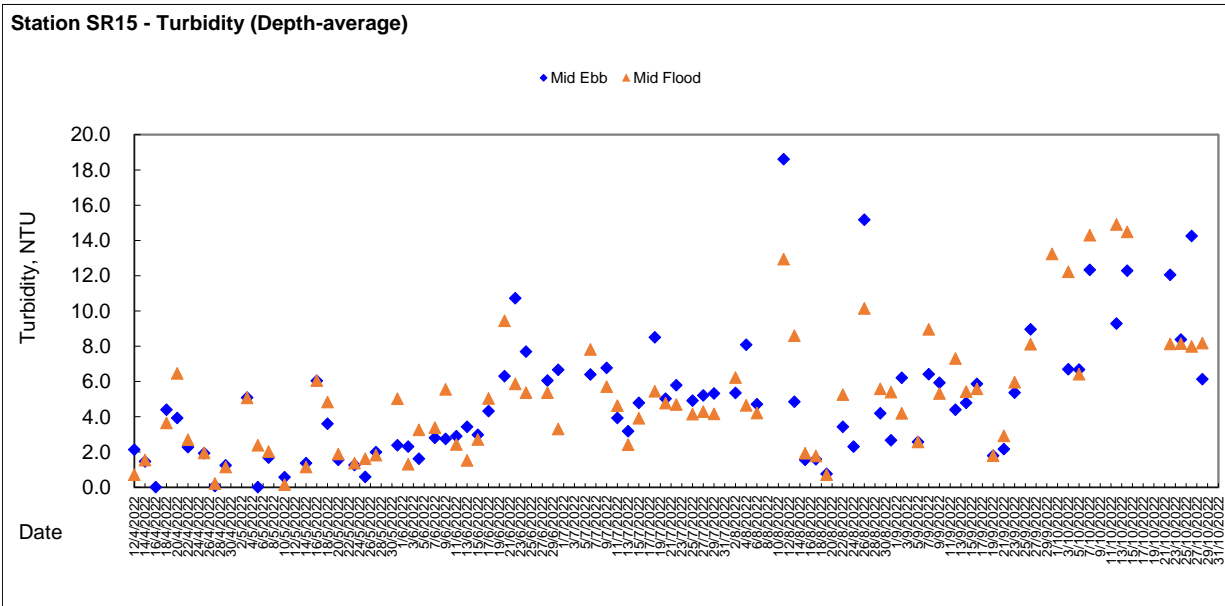
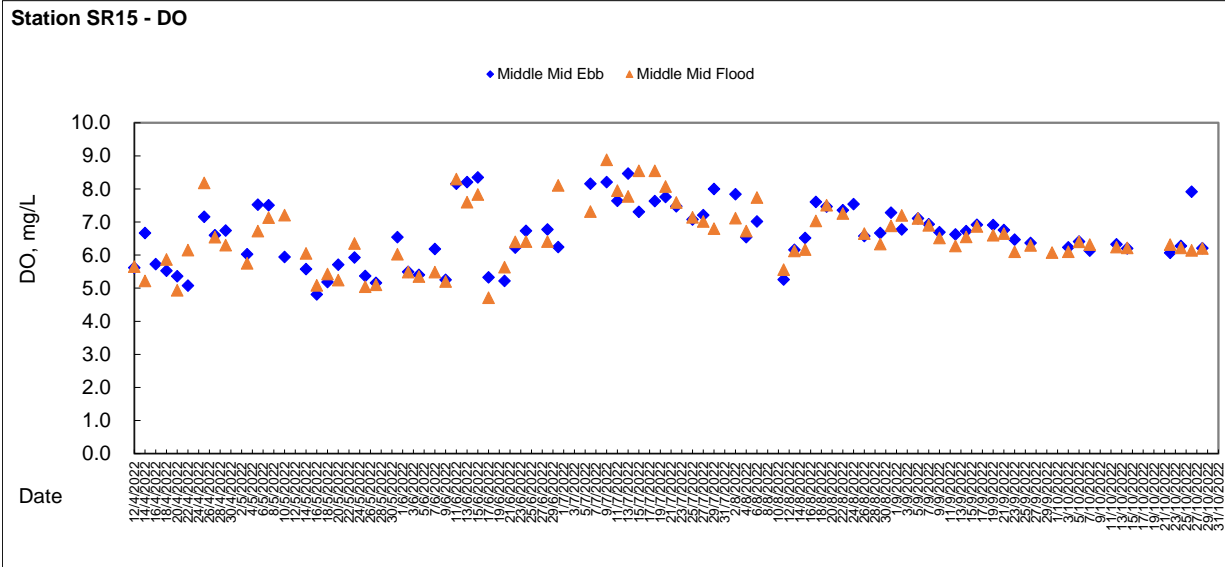


Graphic Presentation of WQM Result





Graphic Presentation of WQM Result



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	12/4/2022	Sunny	11:13	3.6	1.0	24.30	24.35	8.52	8.53	30.93	30.89	88.80	90.20	6.23	6.33	0.59	0.66	1.2	1.4		
			11:15	3.6	1.0	24.40		8.54		30.85		91.60		6.42		0.73		1.5			
	14/4/2022	Sunny	9:51	4.2	1.0	23.80	23.70	8.22	8.23	30.70	30.70	70.60	75.95	5.17	5.57	6.09	6.05	<1.0	1.0		
			9:53	4.2	1.0	23.60		8.23		30.69		81.30		5.97		6.01		<1.0			
	16/4/2022	Monsoon signal	9:25	3.7	1.0	22.10	22.10	8.29	8.29	31.43	31.28	85.20	80.15	6.20	5.83	0.01	0.01	3.6	3.7		
			9:27	3.7	1.0	22.10		8.29		31.13		75.10		5.46		0.01		3.8			
	18/4/2022	Cloudy	11:26	4.0	1.0	21.60	21.60	8.38	8.38	32.30	32.31	71.50	76.25	5.22	5.57	5.41	4.62	5.0	4.7		
			11:28	4.0	1.0	21.60		8.38		32.32		81.00		5.91		3.83		4.4			
	20/4/2022	Cloudy	11:22	3.9	1.0	21.50	21.50	8.35	8.35	32.55	32.58	72.00	73.55	5.26	5.37	5.11	5.55	6.5	6.3		
			11:24	3.9	1.0	21.50		8.35		32.61		75.10		5.48		5.98		6.0			
	22/4/2022	Cloudy	11:02	3.8	1.0	23.60	23.60	8.34	8.35	32.53	32.54	86.70	87.05	6.10	6.13	2.77	2.25	2.8	2.7		
			11:04	3.8	1.0	23.60		8.35		32.54		87.40		6.15		1.73		2.6			
	25/4/2022	Cloudy	9:49	3.1	1.0	25.10	25.10	8.09	8.13	31.47	31.34	116.30	110.65	8.02	7.64	0.44	1.00	3.4	3.4		
			9:51	3.1	1.0	25.10		8.16		31.21		105.00		7.25		1.56		3.4			
	27/4/2022	Sunny	9:09	3.1	1.0	26.20	26.15	8.37	8.38	29.63	29.67	83.20	89.25	5.70	6.12	0.01	0.40	8.9	5.6		
			9:11	3.1	1.0	26.10		8.38		29.70		95.30		6.53		0.79		2.2			
	29/4/2022	Sunny	9:16	0.0	1.0	26.20	26.30	8.40	8.40	29.48	29.42	86.50	89.45	5.93	6.12	1.12	1.23	8.9	5.6		
			9:18	0.0	1.0	26.40		8.40		29.36		92.40		6.31		1.34		2.2			

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		
SR4	12/4/2022	Sunny	15:37	3.4	1.0	25.50	25.50	8.57	8.58	30.85	30.76	94.30	96.40	6.48	6.63	1.59	1.13	1.8	1.6		
			15:39	3.4	1.0	25.50		8.58		30.67		98.50		6.78		0.66		1.4			
	14/4/2022	Sunny	13:16	4.0	1.0	24.60	24.65	8.54	8.55	30.28	30.24	83.60	85.10	5.86	5.97	0.01	1.03	<1.0	1.0		
			13:18	4.0	1.0	24.70		8.55		30.20		86.60		6.07		2.04		<1.0			
	16/4/2022	Monsoon signal	0:00	0.0	1.0	-	-	Sampling was cancelled due to adverse weather													
	18/4/2022	Cloudy	9:22	3.8	1.0	21.20	21.30	8.16	8.17	32.35	32.32	62.30	71.30	4.58	5.24	6.50	5.80	4.6	4.7		
			9:24	3.8	1.0	21.40		8.17		32.28		80.30		5.89		5.09		4.8			
	20/4/2022	Cloudy	9:22	3.8	1.0	21.20	21.20	8.17	8.18	32.61	32.58	62.70	69.20	4.60	5.08	5.24	6.10	10.6	10.8		
			9:24	3.8	1.0	21.20		8.19		32.54		75.70		5.56		6.95		11.0			
	22/4/2022	Cloudy	9:03	3.7	1.0	23.10	23.10	8.01	8.03	32.46	32.42	83.00	86.10	6.25	6.29	3.20	2.76	3.2	3.2		
			9:05	3.7	1.0	23.10		8.05		32.38		89.20		6.33		2.32		3.1			
	25/4/2022	Cloudy	11:45	3.3	1.0	26.00	25.85	8.42	8.43	31.44	31.46	116.30	98.65	7.91	6.72	0.52	1.26	2.2	2.3		
			11:47	3.3	1.0	25.70		8.44		31.47		81.00		5.53		2.00		2.4			
	27/4/2022	Sunny	10:52	3.2	1.0	26.60	26.60	8.44	8.45	29.48	29.49	91.10	93.05	6.20	6.33	0.15	0.92	3.8	3.7		
			10:54	3.2	1.0	26.60		8.45		29.49		95.00		6.46		1.68		3.5			
	29/4/2022	Sunny	12:46	0.0	1.0	26.60	26.65	8.51	8.51	28.71	28.72	85.20	91.65	5.81	6.25	0.24	0.78	<1.0	1.0		
			12:48	0.0	1.0	26.70		8.51		28.73		98.10		6.68		1.31		<1.0			

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 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	12/4/2022	Sunny	11:16	3.6	2.6	23.80	23.85	8.59	8.60	30.88	30.88	104.70	105.00	7.41	7.42	0.73	0.68	2.6	2.7		
			11:18	3.6	2.6	23.90		8.60		30.88		105.30		7.43		0.63		2.8			
	14/4/2022	Sunny	9:57	4.2	3.2	23.20	23.15	8.41	8.42	30.85	30.88	81.30	75.90	5.93	5.94	4.10	3.72	<1.0	1.0		
			9:59	4.2	3.2	23.10		8.42		30.90		70.50		5.95		3.34		<1.0			
	16/4/2022	Monsoon signal	9:29	4.0	2.7	22.20	22.25	8.32	8.32	31.45	31.44	85.50	81.75	6.20	5.92	0.01	0.01	5.9	5.8		
			9:31	3.7	2.7	22.30		8.31		31.43		78.00		5.64		0.01		5.6			
	18/4/2022	Cloudy	11:30	4.0	3.0	21.70	21.65	8.38	8.38	32.37	32.37	79.50	79.90	5.79	5.83	5.89	5.60	8.7	8.6		
			11:32	4.0	3.0	21.60		8.38		32.36		80.30		5.86		5.30		8.4			
	20/4/2022	Cloudy	11:26	3.9	2.9	21.50	21.45	8.35	8.36	32.62	32.66	81.70	72.35	5.97	5.29	6.91	5.78	5.0	4.9		
			11:28	3.9	2.9	21.40		8.36		32.69		83.00		4.60		4.65		4.7			
	22/4/2022	Cloudy	11:04	3.8	2.8	23.20	23.20	8.34	8.34	32.59	32.59	73.40	78.35	5.20	5.55	3.52	4.11	4.8	5.0		
			11:06	3.8	2.8	23.20		8.34		32.59		83.30		5.89		4.69		5.2			
	25/4/2022	Cloudy	9:53	3.1	2.1	24.80	24.80	8.17	8.19	31.58	31.58	102.60	101.40	7.11	7.03	3.50	3.49	4.2	4.4		
			9:55	3.1	2.1	24.80		8.20		31.57		100.20		6.94		3.47		4.6			
	27/4/2022	Sunny	9:13	3.1	2.1	26.10	26.10	8.39	8.39	29.66	29.68	97.40	94.65	6.67	6.48	2.57	1.74	34.4	24.8		
			9:15	3.1	2.1	26.10		8.38		29.70		91.90		6.29		0.90		15.2			
29/4/2022	Sunny	9:20	0.0	2.2	26.10	26.15	8.40	8.41	29.74	29.67	80.60	85.90	5.52	5.88	2.42	1.83	3.2	3.3			
		9:22	0.0	2.2	26.20		8.41		29.60		91.20		6.24		1.23		3.4				

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	Value	AVG
SR4	12/4/2022	Sunny	15:40	3.4	2.4	25.50	25.50	8.58	8.59	30.70	30.70	100.10	99.40	6.89	6.84	1.13	1.26	2.1	2.2		
			15:42	3.4	2.4	25.50		8.59		30.70		98.70		6.79		1.39		2.3			
	14/4/2022	Sunny	13:22	4.0	3.0	24.50	24.50	8.53	8.53	30.44	30.44	98.90	96.80	6.93	6.78	1.08	1.76	<1.0	1.0		
			13:24	4.0	3.0	24.50		8.53		30.44		94.70		6.63		2.44		<1.0			
	16/4/2022	Monsoon signal	0:00	0.0	-1.0	-	Sampling was cancelled due to adverse weather														
	18/4/2022	Cloudy	9:26	3.8	2.8	21.40	21.40	8.20	8.21	32.31	32.29	74.20	77.40	5.45	5.68	5.40	5.81	5.3	5.6		
			9:28	3.8	2.8	21.40		8.21		32.26		80.60		5.91		6.21		5.8			
	20/4/2022	Cloudy	9:25	3.8	2.8	21.30	21.30	8.21	8.20	32.71	32.69	82.80	84.40	6.06	6.18	7.52	7.81	12.4	12.7		
			9:27	3.8	2.8	21.30		8.19		32.67		86.00		6.30		8.10		12.9			
	22/4/2022	Cloudy	9:06	3.7	2.7	22.90	22.90	8.05	8.06	32.60	32.12	76.80	76.70	5.47	5.48	12.34	11.50	25.6	50.5		
			9:08	3.7	2.7	22.90		8.07		31.64		76.60		5.49		10.66		75.4			
	25/4/2022	Cloudy	11:50	3.3	2.3	24.90	24.90	8.38	8.39	31.67	31.68	101.20	92.80	7.00	6.42	14.97	13.33	9.6	9.8		
			11:52	3.3	2.3	24.90		8.39		31.69		84.40		5.83		11.68		10.0			
	27/4/2022	Sunny	0:00	3.2	2.2	26.40	26.40	8.43	8.43	29.93	29.93	92.50	93.35	6.30	6.36	1.41	1.70	5.8	5.5		
			3:2	2.2	26.40	8.43		29.92		94.20		6.42		1.98		5.2					
	29/4/2022	Sunny	12:50	0.0	3.3	26.78	26.74	8.51	8.51	28.90	28.88	93.50	88.25	6.37	6.02	1.36	0.93	3.4	3.3		
12:52			0.0	3.3	26.70	8.51		28.86		83.00		5.66		0.50		3.1					

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	12/4/2022	Sunny	11:24	3.6	1.0	24.20	24.25	8.57	8.57	30.99	30.94	91.20	92.20	6.40	6.47	1.01	0.75	<1.0	1.0		
			11:26	3.6	1.0	24.30		8.57		30.89		93.20		6.54		0.48		<1.0			
	14/4/2022	Sunny	10:02	4.0	1.0	23.90	23.85	8.45	8.45	30.53	30.61	75.20	79.65	5.32	5.64	5.36	4.53	<1.0	1.0		
			10:04	4.0	1.0	23.80		8.45		30.69		84.10		5.95		3.70		<1.0			
	16/4/2022	Monsoon signal	9:35	4.1	1.0	22.40	22.35	8.33	8.33	31.39	31.41	86.00	82.85	6.22	6.00	0.01	0.01	6.2	6.0		
			9:37	4.1	1.0	22.30		8.33		31.43		79.70		5.77		0.01		5.8			
	18/4/2022	Cloudy	11:18	4.1	1.0	21.30	21.35	8.37	8.38	32.16	32.27	84.20	75.85	6.18	5.56	3.87	3.62	3.2	3.0		
			11:20	4.1	1.0	21.40		8.39		32.37		67.50		4.94		3.36		2.8			
	20/4/2022	Cloudy	11:16	4.1	1.0	21.30	21.35	8.35	8.35	32.37	32.43	77.40	77.30	5.68	5.67	6.26	5.65	4.2	4.0		
			11:18	4.1	1.0	21.40		8.35		32.49		77.20		5.65		5.04		3.7			
	22/4/2022	Cloudy	10:54	4.3	1.0	23.60	23.60	8.34	8.34	32.48	32.48	88.60	86.15	6.24	6.07	2.07	1.34	2.5	2.4		
			10:56	4.3	1.0	23.60		8.33		32.48		83.70		5.89		0.61		2.3			
	25/4/2022	Cloudy	9:57	3.9	1.0	24.40	24.45	8.17	8.18	31.75	31.69	80.00	85.60	5.58	5.97	6.52	7.49	3.2	3.4		
			9:59	3.9	1.0	24.50		8.19		31.62		91.20		6.35		8.45		3.5			
	27/4/2022	Sunny	9:17	4.1	1.0	25.90	25.90	8.38	8.38	30.11	30.11	88.00	92.25	6.04	6.33	1.26	1.16	3.5	3.3		
			9:19	4.1	1.0	25.90		8.38		30.10		96.50		6.62		1.05		3.1			
29/4/2022	Sunny	9:24	0.0	1.0	26.40	26.35	8.41	8.41	29.22	29.22	91.50	88.50	6.26	6.06	2.82	1.54	1.9	1.8			
		9:26	0.0	1.0	26.30		8.41		29.21		85.50		5.85		0.25		1.7				

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 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	12/4/2022	Sunny	15:17	4.2	1.0	24.90	24.90	8.56	8.57	30.80	30.77	97.90	94.35	6.80	6.56	0.37	0.42	3.0	3.2	
			15:19	4.2	1.0	24.90		8.58		30.74		90.80		6.31		0.46		3.4		
	14/4/2022	Sunny	13:05	3.5	1.0	24.40	24.35	8.52	8.52	30.42	30.35	95.80	94.40	6.73	6.64	1.76	1.13	1.1	1.3	
			13:07	3.5	1.0	24.30		8.51		30.28		93.00		6.54		0.49		1.4		
	16/4/2022	Monsoon signal	0:00	0.0	1.0	-	Sampling was cancelled due to adverse weather													
	18/4/2022	Cloudy	9:33	4.3	1.0	21.50	21.50	8.25	8.24	32.30	32.30	78.70	77.45	5.75	5.67	4.23	3.99	2.9	3.1	
			9:35	4.3	1.0	21.50		8.23		32.30		76.20		5.58		3.74		3.2		
	20/4/2022	Cloudy	9:29	4.5	1.0	21.20	21.25	8.24	8.25	32.56	32.59	78.30	74.45	5.74	5.46	4.99	5.52	5.8	5.6	
			9:31	4.5	1.0	21.30		8.25		32.62		70.60		5.17		6.04		5.4		
	22/4/2022	Cloudy	9:10	3.1	1.0	22.80	22.80	8.07	8.09	32.58	32.58	81.00	76.75	5.77	5.47	6.68	7.38	14.9	14.7	
			9:12	3.1	1.0	22.80		8.10		32.58		72.50		5.17		8.08		14.5		
	25/4/2022	Cloudy	11:38	4.0	1.0	25.20	25.20	8.36	8.36	31.20	31.23	102.90	104.85	7.09	7.23	0.53	1.80	2.6	2.7	
			11:40	4.0	1.0	25.20		8.35		31.25		106.80		7.36		3.06		2.7		
	27/4/2022	Sunny	10:42	4.4	1.0	26.40	26.35	8.43	8.43	29.88	29.93	90.90	93.20	6.19	6.35	0.25	0.13	2.8	2.7	
			10:44	4.4	1.0	26.30		8.43		29.97		95.50		6.51		0.01		2.5		
	29/4/2022	Sunny	12:39	0.0	1.0	27.30	27.05	8.51	8.51	28.72	28.81	80.00	86.70	5.40	5.88	1.18	0.81	1.8	1.8	
12:41			0.0	1.0	26.80	8.50		28.89		93.40		6.35		0.43		1.8				

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 (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	12/4/2022	Sunny	11:28	3.6	2.6	23.80	23.75	8.58	8.58	31.07	31.07	102.40	101.35	7.24	7.17	0.71	1.61	1.4	1.5		
			11:30	3.6	2.6	23.70		8.58		31.06		100.30		7.10		2.50		1.6			
	14/4/2022	Sunny	10:06	4.0	3.0	23.60	23.65	8.46	8.46	30.75	30.77	80.20	80.20	5.70	5.70	5.75	4.81	7.1	5.0		
			10:08	4.0	3.1	23.70		8.45		30.78		80.20		5.69		3.87		2.8			
	16/4/2022	Monsoon signal	9:40	4.1	3.1	22.50	22.45	8.34	8.35	31.47	31.48	79.80	81.35	5.76	5.88	0.01	0.01	4.8	4.7		
			9:42	4.1	3.1	22.40		8.35		31.48		82.90		6.00		0.01		4.6			
	18/4/2022	Cloudy	11:22	4.1	3.1	21.50	21.45	8.39	8.39	32.35	32.35	84.50	84.40	6.18	6.18	4.95	4.08	5.4	5.6		
			11:24	4.1	3.1	21.40		8.39		32.35		84.30		6.17		3.20		5.8			
	20/4/2022	Cloudy	11:20	4.1	3.1	21.50	21.45	8.36	8.36	32.69	32.69	76.00	69.50	5.54	5.07	4.33	4.49	5.8	5.6		
			11:22	4.1	3.1	21.40		8.36		32.69		63.00		4.60		4.65		5.4			
	22/4/2022	Cloudy	10:58	4.3	3.3	23.20	23.20	8.34	8.34	32.47	32.53	79.70	74.40	5.65	5.27	4.07	3.65	3.6	3.4		
			11:00	4.3	3.3	23.20		8.34		32.58		69.10		4.89		3.22		3.2			
	25/4/2022	Cloudy	10:02	3.9	2.9	24.20	24.20	8.20	8.20	31.84	31.84	92.00	89.05	6.43	6.23	5.10	4.61	5.0	5.2		
			10:04	3.9	2.9	24.20		8.19		31.84		86.10		6.03		4.11		5.4			
	27/4/2022	Sunny	9:20	4.1	3.1	25.70	25.75	8.39	8.39	30.18	30.16	84.80	90.05	5.83	6.19	0.70	1.14	2.2	2.3		
			9:22	4.1	3.1	25.80		8.39		30.13		95.30		6.54		1.57		2.4			
29/4/2022	Sunny	9:28	0.0	3.0	26.20	26.25	8.42	8.42	29.65	29.50	79.20	76.15	5.42	5.21	1.21	0.82	1.5	1.4			
		9:30	0.0	3.0	26.30		8.42		29.35		73.10		5.00		0.43		1.3				

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 (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	12/4/2022	Sunny	15:25	4.2	3.2	25.10	24.90	8.59	8.59	30.69	30.71	97.20	96.90	6.74	6.74	0.20	0.21	2.3	2.3		
			15:27	4.2	3.2	24.70		8.59		30.73		96.60		6.73		0.21		2.2			
	14/4/2022	Sunny	13:11	3.5	2.5	24.60	24.55	8.53	8.53	30.25	30.23	96.80	96.75	6.79	6.79	0.47	1.06	<1.0	1.0		
			13:13	3.5	2.5	24.50		8.53		30.20		96.70		6.79		1.65		<1.0			
	16/4/2022	Monsoon signal	0:00	0.0	-1.0	-	Sampling was cancelled due to adverse weather														
	18/4/2022	Cloudy	9:37	4.3	3.3	21.50	21.50	8.27	8.27	32.31	32.31	85.70	83.10	6.27	6.08	3.63	3.76	5.4	5.7		
			9:39	4.3	3.3	21.50		8.26		32.31		80.50		5.88		3.89		6.0			
	20/4/2022	Cloudy	9:33	4.5	3.5	21.30	21.35	8.26	8.26	32.60	32.61	79.30	74.90	5.81	5.49	4.82	5.59	4.5	4.7		
			9:35	4.5	3.5	21.40		8.26		32.62		70.50		5.16		6.35		4.8			
	22/4/2022	Cloudy	9:15	3.1	2.1	23.00	23.00	8.10	8.12	32.54	32.54	66.80	73.25	4.74	5.20	8.03	7.74	42.3	35.3		
			9:17	3.1	2.1	23.00		8.14		32.53		79.70		5.66		7.44		28.3			
	25/4/2022	Cloudy	11:42	4.0	3.0	24.90	24.90	8.36	8.36	31.39	31.39	95.30	92.15	6.60	6.39	3.14	2.34	1.4	1.4		
			11:44	4.0	3.0	24.90		8.36		31.38		89.00		6.17		1.53		1.4			
	27/4/2022	Sunny	10:46	4.4	3.4	25.90	25.90	8.43	8.43	30.26	30.25	90.40	86.80	6.20	5.95	1.27	0.83	4.9	5.1		
			10:48	4.4	3.4	25.90		8.43		30.23		83.20		5.70		0.39		5.2			
	29/4/2022	Sunny	12:43	0.0	3.0	26.70	26.70	8.50	8.50	28.93	28.94	74.90	81.65	5.10	5.56	0.88	1.18	2.1	2.3		
12:45			0.0	3.0	26.70	8.50		28.95		88.40		6.02		1.47		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 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	12/4/2022	Sunny	11:48	2.5	1.3	24.40	24.45	8.55	8.56	30.62	30.61	98.70	97.15	6.92	6.81	0.72	0.75	1.8	1.7		
			11:50	2.5	1.3	24.50		8.56		30.60		95.60		6.70		0.78		1.6			
	14/4/2022	Sunny	10:20	6.0	3.0	22.60	22.60	8.39	8.39	31.68	31.59	93.50	84.25	6.73	6.07	3.63	4.34	1.8	1.8		
			10:22	6.0	1.4	22.60		8.39		31.49		75.00		5.40		5.04		1.8			
	16/4/2022	Monsoon signal	9:46	2.7	1.4	22.30	22.20	8.34	8.34	31.41	31.46	74.60	75.00	5.41	5.45	0.01	0.01	4.4	4.3		
			9:48	2.7	1.4	22.10		8.34		31.51		75.40		5.48		0.01		4.1			
	18/4/2022	Cloudy	11:07	2.7	1.4	21.60	21.55	8.38	8.38	32.32	32.11	79.90	84.50	5.83	6.18	4.57	4.59	3.6	3.5		
			11:09	2.7	1.4	21.50		8.38		31.90		89.10		6.53		4.61		3.4			
	20/4/2022	Cloudy	11:05	2.9	1.5	21.60	21.50	8.37	8.37	31.96	32.27	79.00	78.10	5.78	5.71	4.58	3.89	3.6	3.7		
			11:07	2.9	1.5	21.40		8.36		32.57		77.20		5.64		3.20		3.8			
	22/4/2022	Cloudy	10:43	2.7	1.4	23.30	23.30	8.32	8.32	31.91	32.19	80.30	81.40	5.70	5.77	2.69	2.86	3.3	3.4		
			10:45	2.7	1.4	23.30		8.31		32.47		82.50		5.84		3.02		3.5			
	25/4/2022	Cloudy	10:08	2.4	1.2	24.80	24.80	8.24	8.26	31.41	31.41	98.00	95.80	6.79	6.64	1.59	0.80	1.9	1.9		
			10:10	2.4	1.2	24.80		8.27		31.40		93.60		6.49		0.01		1.8			
	27/4/2022	Sunny	9:25	3.4	1.7	25.90	25.90	8.39	8.40	30.22	30.21	90.00	91.45	6.17	6.27	0.01	0.07	2.2	2.4		
			9:27	3.4	1.7	25.90		8.40		30.19		92.90		6.37		0.12		2.5			
	29/4/2022	Sunny	9:32	0.0	1.4	26.30	26.35	8.45	8.46	28.74	18.60	88.00	90.00	6.04	6.18	0.38	1.01	1.5	1.6		
			9:34	0.0	1.4	26.40		8.46		28.74		92.00		6.31		1.64		1.7			

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 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	12/4/2022	Sunny	14:59	2.6	1.3	25.30	25.25	8.56	8.56	30.63	30.64	102.80	102.90	7.10	7.11	1.28	2.39	1.6	1.5	
			15:01	2.6	1.3	25.20		8.55		30.64		103.00		7.12		3.49		1.3		
	14/4/2022	Sunny	12:50	2.7	1.4	24.20	24.25	8.47	8.47	30.85	30.82	91.40	91.75	6.41	6.42	2.14	1.84	<1.0	1.0	
			12:52	2.7	1.4	24.30		8.47		30.79		92.10		6.43		1.54		<1.0		
	16/4/2022	Monsoon signal	0:00	0.0	0.0	-	Sampling was cancelled due to adverse weather													
	18/4/2022	Cloudy	9:43	2.0	1.0	21.60	21.55	8.29	8.28	31.19	31.64	77.90	77.45	5.72	5.68	4.54	4.22	4.4	4.7	
			9:45	2.0	1.0	21.50		8.26		32.09		77.00		5.63		3.89		5.0		
	20/4/2022	Cloudy	9:43	3.1	1.6	21.10	21.20	8.27	8.28	32.67	32.69	65.00	70.70	4.78	5.19	4.59	4.16	4.8	4.6	
			9:45	3.1	1.6	21.30		8.28		32.70		76.40		5.59		3.73		4.4		
	22/4/2022	Cloudy	9:22	3.1	1.6	23.10	23.10	8.19	8.18	32.55	32.56	72.30	70.05	5.13	4.97	2.98	3.50	3.6	3.8	
			9:24	3.1	1.6	23.10		8.17		32.57		67.80		4.81		4.02		4.0		
	25/4/2022	Cloudy	11:32	2.8	1.4	25.10	25.10	8.37	8.37	31.10	31.13	101.20	98.75	6.99	6.83	1.93	1.19	1.6	1.8	
			11:34	2.8	1.4	25.10		8.36		31.15		96.30		6.66		0.45		1.9		
	27/4/2022	Sunny	10:38	2.7	1.4	26.10	26.05	8.42	8.42	30.28	30.32	102.10	93.00	6.97	6.84	0.10	0.06	1.2	1.4	
			10:40	2.7	1.4	26.00		8.41		30.36		83.90		6.71		0.01		1.5		
	29/4/2022	Sunny	12:29	0.0	1.4	27.30	27.05	8.50	8.51	28.80	28.68	65.90	73.80	4.45	5.01	0.37	0.78	1.4	1.5	
			12:31	0.0	1.4	26.80		8.52		28.55		81.70		5.56		1.18		1.6		

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 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	12/4/2022	Sunny	12:08	4.1	1.0	24.90	24.95	8.49	8.49	30.05	30.03	72.30	75.50	5.05	5.27	2.29	2.35	1.6	1.5		
			12:10	4.1	1.0	25.00		8.48		30.01		78.70		5.48		2.40		1.4			
	14/4/2022	Sunny	10:36	4.1	1.0	23.50	23.50	8.40	8.40	31.01	31.03	73.40	71.55	5.22	5.09	4.98	3.65	1.3	1.4		
			10:38	4.1	1.0	23.50		8.40		31.05		69.70		4.95		2.32		1.4			
	16/4/2022	Monsoon signal	9:58	4.3	1.0	22.40	22.40	8.35	8.36	31.35	31.35	85.50	86.05	6.19	6.23	-	0.01	5.4	5.7		
			10:00	4.1	1.0	22.40		8.36		31.34		86.60		6.26		0.01		5.9			
	18/4/2022	Cloudy	10:55	4.3	1.0	21.40	21.45	8.34	8.34	32.22	32.21	67.60	73.85	4.96	5.41	3.59	4.17	5.3	5.6		
			10:57	4.3	1.0	21.50		8.33		32.20		80.10		5.86		4.74		5.8			
	20/4/2022	Cloudy	10:50	4.2	1.0	21.20	21.20	8.34	8.35	32.60	32.29	79.00	81.90	5.80	6.02	4.12	3.53	3.8	4.0		
			10:52	4.2	1.0	21.20		8.36		31.97		84.80		6.24		2.93		4.1			
	22/4/2022	Cloudy	10:29	3.7	1.0	23.10	23.10	8.32	8.33	32.45	32.39	99.40	87.60	7.07	6.23	2.12	1.55	3.6	3.4		
			10:31	3.7	1.0	23.10		8.34		32.32		75.80		5.38		0.98		3.2			
	25/4/2022	Cloudy	10:21	4.1	1.0	25.00	24.95	8.26	8.28	31.47	31.45	106.60	104.90	7.37	7.26	0.11	0.95	1.9	1.8		
			10:23	4.1	1.0	24.90		8.29		31.43		103.20		7.15		1.79		1.6			
	27/4/2022	Sunny	9:30	4.1	1.0	26.30	26.30	8.36	8.35	30.22	30.31	85.40	75.25	5.82	5.13	0.61	0.69	2.4	2.3		
			9:32	4.1	1.0	26.30		8.34		30.40		65.10		4.43		0.77		2.1			
	29/4/2022	Sunny	9:46	0.0	1.0	26.70	26.95	8.45	8.45	28.56	28.54	71.00	72.80	4.90	4.98	0.89	0.64	1.8	1.6		
			9:48	0.0	1.0	27.20		8.45		28.51		74.60		5.05		0.38		1.4			

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 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	12/4/2022	Sunny	14:41	4.4	1.0	25.10	25.10	8.50	8.49	30.17	30.11	91.40	87.70	6.35	6.09	1.11	1.31	2.1	2.3		
			14:43	4.4	1.0	25.10		8.48		30.05		84.00		5.83		1.50		2.5			
	14/4/2022	Sunny	12:34	4.3	1.0	23.70	23.75	8.51	8.51	30.44	30.60	80.10	87.50	5.69	6.21	2.83	1.67	<1.0	1.0		
			12:36	4.3	1.0	23.80		8.51		30.76		94.90		6.72		0.50		<1.0			
	16/4/2022	Monsoon signal	0:00	0.0	1.0	-	-	-	-	Sampling was cancelled due to adverse weather											
				0.0	1.0	-	-	-	-												
	18/4/2022	Cloudy	9:55	4.3	1.0	21.40	21.45	8.27	8.28	32.13	32.18	86.80	87.30	6.36	6.39	4.31	4.54	4.5	4.7		
			9:57	4.3	1.0	21.50		8.29		32.23		87.80		6.42		4.76		4.9			
	20/4/2022	Cloudy	9:56	4.4	1.0	21.20	21.20	8.29	8.29	32.62	32.63	89.60	81.30	6.58	5.97	2.48	2.67	4.3	4.2		
			9:58	4.4	1.0	21.20		8.29		32.64		73.00		5.36		2.86		4.0			
	22/4/2022	Cloudy	9:35	4.2	1.0	23.00	22.95	8.21	8.22	32.76	32.64	89.80	73.05	6.37	6.26	2.17	2.91	2.9	3.1		
			9:37	4.2	1.0	22.90		8.23		32.52		56.30		6.15		3.65		3.3			
	25/4/2022	Cloudy	11:15	4.2	1.0	25.00	25.00	8.35	8.35	31.52	31.52	95.00	98.62	6.56	6.81	2.29	1.28	<1.0	1.0		
			11:17	4.2	1.0	25.00		8.35		31.52		102.23		7.06		0.26		<1.0			
	27/4/2022	Sunny	10:23	4.2	1.0	26.10	26.10	8.40	8.40	30.63	30.62	98.20	90.65	6.69	6.18	0.98	0.50	1.7	1.6		
			10:25	4.2	1.0	26.10		8.39		30.61		83.10		5.66		0.01		1.5			
	29/4/2022	Sunny	12:17	0.0	1.0	26.80	27.25	8.47	8.47	28.54	28.55	89.70	83.25	6.10	5.63	0.44	0.86	1.4	1.6		
			12:19	0.0	1.0	27.70		8.47		28.55		76.80		5.16		1.28		1.7			

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 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	12/4/2022	Sunny	12:12	4.1	3.1	24.50	24.50	8.48	8.48	30.24	30.26	76.80	80.00	5.39	5.62	1.84	2.01	3.1	2.9		
			12:14	4.1	3.1	24.50		8.48		30.28		83.20		5.84		2.17		2.7			
	14/4/2022	Sunny	10:40	4.1	3.1	23.40	23.80	8.40	8.40	31.28	31.21	85.20	87.65	6.06	6.20	3.76	3.36	<1.0	1.0		
			10:42	4.1	3.1	24.20		8.40		31.14		90.10		6.33		2.96		<1.0			
	16/4/2022	Monsoon signal	10:03	4.3	3.1	22.40	22.40	8.38	8.38	31.33	31.34	77.10	81.15	5.58	5.87	0.01	0.01	7.4	7.2		
			10:05	4.1	3.1	22.40		8.37		31.34		85.20		6.16		0.01		7.0			
	18/4/2022	Cloudy	10:59	4.3	3.3	21.50	21.50	8.35	8.35	32.21	32.24	75.50	79.30	5.52	5.80	5.09	4.62	3.9	4.1		
			11:01	4.3	3.3	21.50		8.35		32.27		83.10		6.08		4.14		4.3			
	20/4/2022	Cloudy	10:54	4.2	3.2	21.30	21.30	8.36	8.37	32.67	32.62	76.10	73.80	5.57	5.41	4.18	3.62	3.6	3.5		
			10:56	4.2	3.2	21.30		8.37		32.57		71.50		5.24		3.06		3.3			
	22/4/2022	Cloudy	10:33	3.7	2.7	22.90	22.93	8.35	8.35	32.33	32.12	78.00	82.60	5.56	5.90	1.86	1.18	2.5	2.4		
			10:35	3.7	2.7	22.96		8.35		31.90		87.20		6.23		0.50		2.2			
	25/4/2022	Cloudy	10:25	4.1	3.1	24.50	24.50	8.30	8.30	31.53	31.47	93.00	101.00	6.48	7.04	0.01	0.97	1.4	1.3		
			10:27	4.1	3.1	24.50		8.30		31.41		109.00		7.60		1.92		1.2			
	27/4/2022	Sunny	9:35	4.1	3.1	26.00	26.00	8.37	8.37	30.58	30.57	87.40	85.55	5.97	5.84	0.09	0.81	1.4	1.5		
			9:37	4.1	3.1	26.00		8.36		30.56		83.70		5.71		1.53		1.6			
	29/4/2022	Sunny	9:50	0.0	3.4	26.80	26.80	8.46	8.46	28.43	28.42	92.80	94.55	6.33	6.45	0.18	1.00	2.2	2.3		
			9:52	0.0	3.4	26.80		8.46		28.41		96.30		6.56		1.81		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 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	12/4/2022	Sunny	14:45	4.4	3.4	24.20	24.25	8.50	8.50	30.88	30.89	91.10	90.50	6.40	6.36	0.78	0.78	1.8	1.7		
			14:47	4.4	3.4	24.30		8.50		30.89		89.90		6.31		0.77		1.6			
	14/4/2022	Sunny	12:40	4.3	3.3	24.60	24.55	8.50	8.50	30.52	30.34	92.00	89.45	6.44	6.27	1.27	2.00	1.2	1.3		
			12:42	4.3	3.3	24.50		8.50		30.15		86.90		6.10		2.73		1.4			
	16/4/2022	Monsoon signal	0:00	0.0	-1.0	-	Sampling was cancelled due to adverse weather														
	18/4/2022	Cloudy	9:58	4.3	3.3	21.60	21.60	8.31	8.32	32.31	32.32	78.50	78.40	5.73	5.72	4.21	4.58	5.9	6.1		
			10:00	4.3	3.3	21.60		8.32		32.32		78.30		5.71		4.94		6.2			
	20/4/2022	Cloudy	10:00	4.4	3.4	21.30	21.30	8.32	8.32	31.81	32.15	69.80	75.25	5.14	5.53	3.68	3.00	3.1	3.4		
			10:02	4.4	3.4	21.30		8.32		32.49		80.70		5.91		2.32		3.6			
	22/4/2022	Cloudy	9:38	4.2	3.2	22.90	22.85	8.27	8.27	32.25	32.37	70.70	68.25	5.04	4.87	3.35	2.96	2.8	2.6		
			9:40	4.2	3.2	22.80		8.26		32.49		65.80		4.70		2.56		2.4			
	25/4/2022	Cloudy	11:19	4.2	3.2	24.60	24.60	8.37	8.37	31.51	31.51	108.20	108.20	7.52	7.52	2.45	1.39	2.7	2.7		
			11:21	4.2	3.2	24.60		8.37		31.50		108.20		7.52		0.33		2.6			
	27/4/2022	Sunny	10:28	4.2	3.2	26.20	26.20	8.39	8.39	29.80	30.13	84.00	85.60	5.74	5.84	0.23	0.57	3.5	3.3		
			10:30	4.2	3.2	26.20		8.38		30.45		87.20		5.94		0.90		3.0			
	29/4/2022	Sunny	12:22	0.0	3.3	27.00	27.05	8.49	8.45	28.45	28.43	80.10	85.80	5.44	5.82	1.15	0.85	2.2	2.2		
			12:24	0.0	3.3	27.10		8.42		28.40		91.50		6.20		0.54		2.1			

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 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	12/4/2022	Sunny	12:27	2.9	1.5	24.50	24.50	8.13	8.31	30.08	30.38	81.30	85.00	5.69	5.95	1.42	1.43	2.8	3.1		
			12:29	2.9	1.5	24.50	8.49	30.68		88.70		6.21		1.43		3.3					
	14/4/2022	Sunny	10:50	2.9	1.5	23.80	23.85	8.44	8.45	30.68	30.67	84.30	83.80	5.98	5.94	1.16	1.74	<1.0	1.0		
			10:52	2.9	1.4	23.90		8.45		30.65		83.30		5.90		2.32		<1.0			
	16/4/2022	Monsoon signal	10:07	2.0	1.4	21.20	21.25	8.43	8.43	31.04	31.12	66.00	72.95	4.38	5.14	5.10	6.03	9.3	9.4		
			10:09	2.8	1.4	21.30		8.42		31.20		79.90		5.90		6.95		9.4			
	18/4/2022	Cloudy	10:48	2.0	1.0	21.60	21.60	8.36	8.36	32.03	32.03	85.00	80.70	6.20	5.89	5.41	5.73	4.1	4.0		
			10:50	2.0	1.0	21.60		8.36		32.03		76.40		5.58		6.05		3.8			
	20/4/2022	Cloudy	10:38	3.1	1.6	20.90	20.90	8.35	8.36	32.70	32.69	79.50	76.65	5.87	5.66	1.64	1.23	4.3	4.1		
			10:40	3.1	1.6	20.90		8.36		32.68		73.80		5.45		0.82		3.9			
	22/4/2022	Cloudy	10:24	2.8	1.4	23.90	23.90	8.33	8.33	32.40	32.40	87.10	86.60	6.10	6.07	1.36	1.97	3.0	2.8		
			10:26	2.8	1.4	23.90		8.33		32.40		86.10		6.03		2.57		2.6			
	25/4/2022	Cloudy	10:30	2.6	1.3	25.00	25.05	8.33	8.33	31.35	31.36	106.90	96.15	7.37	6.63	0.01	1.01	<1.0	1.0		
			10:32	2.6	1.3	25.10		8.32		31.36		85.40		5.89		2.00		<1.0			
	27/4/2022	Sunny	9:40	3.1	1.6	26.40	26.40	8.39	8.39	30.23	30.22	96.80	95.90	6.58	6.52	0.01	0.54	2.5	2.7		
			9:42	3.1	1.6	26.40		8.39		30.20		95.00		6.45		1.07		2.8			
	29/4/2022	Sunny	9:54	0.0	1.4	37.20	31.90	8.45	8.45	28.49	28.66	89.10	88.50	6.03	6.01	2.10	1.28	1.2	1.3		
			9:56	0.0	1.4	26.60		8.45		28.83		87.90		5.99		0.45		1.4			

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 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	12/4/2022	Sunny	14:28	2.9	1.5	25.10	25.10	8.56	8.56	30.38	30.41	97.30	100.15	6.75	6.94	0.45	0.55	2.5	2.3
			14:30	2.9	1.5	25.10	8.56	30.43		103.00		7.13		0.65		2.0			
	14/4/2022	Sunny	12:22	2.9	1.5	23.80	23.70	8.51	8.51	30.77	30.74	75.90	82.25	5.38	5.89	4.59	2.75	<1.0	1.0
			12:24	2.9	1.5	23.60		8.51		30.71		88.60		6.39		0.90		<1.0	
	16/4/2022	Monsoon signal	0:00	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	18/4/2022	Cloudy	10:03	2.0	1.0	21.60	21.55	8.31	8.31	32.09	32.01	83.30	83.05	6.09	6.08	4.11	5.26	5.0	5.3
			10:05	2.0	1.0	21.50		8.31		31.93		82.80		6.07		6.41		5.5	
	20/4/2022	Cloudy	10:04	2.8	1.4	21.20	21.25	8.31	8.31	32.56	32.60	76.00	80.15	5.57	5.77	1.61	1.31	4.1	4.3
			10:06	2.8	1.4	21.30		8.31		32.64		84.30		5.96		1.00		4.4	
	22/4/2022	Cloudy	9:43	2.6	1.3	23.10	23.10	8.27	8.28	32.46	32.44	75.30	81.05	5.35	5.73	3.10	2.62	2.8	2.7
			9:45	2.6	1.3	23.10		8.28		32.42		86.80		6.10		2.14		2.6	
	25/4/2022	Cloudy	11:11	2.6	1.3	25.10	25.10	8.37	8.38	31.38	31.37	101.10	105.65	6.96	7.29	0.01	0.71	2.2	2.4
			11:13	2.6	1.3	25.10		8.38		31.36		110.20		7.61		1.40		2.5	
	27/4/2022	Sunny	10:19	2.5	1.3	26.30	26.30	8.43	8.43	30.09	30.10	65.30	77.60	4.45	5.28	0.01	0.74	3.2	3.1
			10:21	2.5	1.3	26.30		8.43		30.10		89.90		6.11		1.47		2.9	
	29/4/2022	Sunny	12:10	0.0	1.4	27.10	27.50	8.48	8.48	28.60	28.50	99.80	92.20	6.77	6.28	1.30	1.05	1.3	1.4
			12:12	0.0	1.4	27.90		8.47		28.40		84.60		5.79		0.79		1.4	

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 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	12/4/2022	Sunny	12:45	2.3	1.2	24.20	24.25	8.52	8.53	30.96	30.96	82.00	89.50	5.76	6.29	0.76	0.71	2.6	2.8		
			12:47	2.3	1.2	24.30		8.53		30.96		97.00		6.81		0.66		3.0			
	14/4/2022	Sunny	10:57	2.8	1.4	23.80	23.75	8.48	8.48	30.73	30.76	97.60	90.90	6.92	6.45	1.65	2.22	<1.0	1.0		
			10:59	2.8	1.3	23.70		8.47		30.79		84.20		5.98		2.78		<1.0			
	16/4/2022	Monsoon signal	10:28	2.5	1.3	21.30	21.30	8.43	8.43	31.24	31.28	76.60	76.30	5.65	5.35	7.17	6.94	6.8	6.7		
			10:30	2.5	1.3	21.30		8.43		31.31		76.00		5.05		6.71		6.6			
	18/4/2022	Cloudy	10:45	2.5	1.3	21.60	21.50	8.36	8.36	32.12	32.22	84.30	90.90	6.16	6.65	4.20	4.28	4.4	4.2		
			10:47	2.5	1.3	21.40		8.35		32.31		97.50		7.14		4.36		4.0			
	20/4/2022	Cloudy	10:33	3.1	1.6	20.80	20.80	8.36	8.36	32.67	32.65	77.80	77.00	5.75	5.69	0.43	1.08	2.5	2.7		
			10:35	3.1	1.6	20.80		8.36		32.63		76.20		5.63		1.73		2.8			
	22/4/2022	Cloudy	10:20	2.9	1.5	23.50	23.45	8.33	8.34	32.39	32.40	78.60	80.70	5.55	5.70	2.10	1.44	3.3	3.2		
			10:22	2.9	1.5	23.40		8.35		32.40		82.80		5.85		0.78		3.0			
	25/4/2022	Cloudy	10:36	2.1	1.1	25.30	25.30	8.32	8.33	31.44	31.42	95.30	100.30	6.55	6.90	2.32	1.28	1.2	1.3		
			10:38	2.1	1.1	25.30		8.33		31.40		105.30		7.24		0.23		1.3			
	27/4/2022	Sunny	9:45	2.7	1.4	26.20	26.20	8.40	8.41	30.11	30.10	91.70	91.55	6.25	6.24	1.16	1.58	3.1	3.2		
			9:47	2.7	1.4	26.20		8.41		30.09		91.40		6.23		2.00		3.3			
	29/4/2022	Sunny	9:58	0.0	1.4	26.90	26.85	8.46	8.46	28.46	28.49	87.40	93.85	5.94	6.39	0.56	0.83	1.2	1.3		
			10:00	0.0	1.4	26.80		8.45		28.52		100.30		6.83		1.09		1.3			

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 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	12/4/2022	Sunny	14:23	2.4	1.2	24.80	24.85	8.53	8.53	30.95	30.94	91.00	90.20	6.33	6.27	1.78	1.94	55.8	29.3		
			14:25	2.4	1.2	24.90		8.53		30.93		89.40		6.21		2.10		2.7			
	14/4/2022	Sunny	12:14	2.9	1.5	24.10	24.10	8.49	8.49	30.70	30.71	89.50	93.75	6.30	6.61	1.07	1.89	<1.0	1.0		
			12:16	2.9	1.5	24.10		8.48		30.71		98.00		6.92		2.71		<1.0			
	16/4/2022	Monsoon signal	0:00	0.0	0.0	-	-	Sampling was cancelled due to adverse weather													
	18/4/2022	Cloudy	10:07	2.0	1.0	21.60	21.55	8.31	8.31	32.18	32.13	83.00	84.35	6.06	6.17	4.16	4.48	5.1	5.3		
			10:09	2.0	1.0	21.50		8.31		32.08		85.70		6.28		4.80		5.5			
	20/4/2022	Cloudy	10:09	3.4	1.7	21.20	21.20	8.32	8.32	32.71	32.68	70.40	74.00	5.16	5.44	1.83	1.16	3.9	4.1		
			10:11	3.4	1.7	21.20		8.31		32.64		77.60		5.71		0.49		4.2			
	22/4/2022	Cloudy	9:47	2.4	1.2	22.70	22.70	8.29	8.29	32.23	32.24	91.00	87.35	6.52	6.44	2.17	1.86	2.1	2.3		
			9:49	2.4	1.2	22.70		8.29		32.25		83.70		6.35		1.54		2.4			
	25/4/2022	Cloudy	11:07	2.5	1.3	25.60	25.55	8.38	8.38	31.39	31.40	99.90	96.30	6.84	6.60	2.16	1.87	3.3	3.3		
			11:09	2.5	1.3	25.50		8.37		31.40		92.70		6.35		1.57		3.2			
	27/4/2022	Sunny	10:11	2.9	1.5	26.30	26.30	8.42	8.43	30.08	30.08	84.10	87.15	5.74	5.94	1.08	0.89	3.3	3.1		
			10:13	2.9	1.5	26.30		8.43		30.08		90.20		6.14		0.70		2.9			
	29/4/2022	Sunny	12:05	0.0	1.4	27.80	27.60	8.48	8.49	28.45	28.48	91.50	95.20	6.13	6.40	0.45	0.58	<1.0	1.0		
			12:07	0.0	1.4	27.40		8.49		28.51		98.90		6.67		0.70		<1.0			

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
						SR15	12/4/2022	Sunny	10:55	2.2	1.1	24.70	24.70	8.46	8.47	30.99	30.97	82.60	80.75	5.75	5.62
			10:57	2.2	1.1	24.70		8.47		30.95		78.90		5.49		2.70		2.2			
	14/4/2022	Sunny	9:40	2.7	1.4	23.60	23.70	8.39	8.41	30.05	30.13	94.10	93.60	6.71	6.67	2.47	1.46	<1.0	1.0		
			9:42	2.7	1.4	23.80		8.42		30.21		93.10		6.62		0.45		<1.0			
	16/4/2022	Monsoon signal	9:18	2.6	1.3	22.10	22.00	8.22	8.21	31.44	31.50	83.90	78.65	6.10	5.73	0.01	0.01	3.0	3.1		
			9:20	2.6	1.3	21.90		8.19		31.56		73.40		5.35		0.01	0.01	3.2			
	18/4/2022	Cloudy	11:32	2.6	1.3	21.40	21.45	8.38	8.38	32.30	32.26	70.70	75.45	5.18	5.53	3.99	4.39	3.0	3.2		
			11:34	2.6	1.3	21.50		8.38		32.22		80.20		5.87		4.79		3.3			
	20/4/2022	Cloudy	11:30	2.9	1.5	21.50	21.55	8.36	8.36	32.70	32.67	69.90	73.55	5.10	5.36	3.36	3.93	3.7	3.6		
			11:32	2.9	1.5	21.60		8.36		32.63		77.20		5.62		4.49		3.4			
	22/4/2022	Cloudy	11:07	2.6	1.3	23.40	23.45	8.34	8.35	32.60	32.61	68.50	71.90	4.84	5.08	1.16	2.27	3.1	3.0		
			11:09	2.6	1.3	23.50		8.35		32.61		75.30		5.31		3.38		2.8			
	25/4/2022	Cloudy	9:41	2.6	1.3	25.40	25.40	8.05	8.02	31.31	31.36	108.50	104.15	7.46	7.16	2.32	1.93	2.2	2.2		
			9:43	2.6	1.3	25.40		7.98		31.40		99.80		6.86		1.54		2.2			
	27/4/2022	Sunny	9:03	2.6	1.3	26.00	26.00	8.36	8.35	29.34	29.34	98.60	96.00	6.79	6.61	0.13	0.07	1.8	1.7		
			9:05	2.6	1.3	26.00		8.34		29.34		93.40		6.42		0.01		1.6			
	29/4/2022	Sunny	9:12	0.0	1.4	26.20	26.25	8.36	8.37	29.35	29.37	100.50	98.60	6.88	6.75	0.39	1.24	3.5	3.3		
			9:14	0.0	1.4	26.30		8.38		29.38		96.70		6.61		2.09		3.1			

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 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	12/4/2022	Sunny	15:51	2.5	1.3	25.60	25.60	8.55	8.55	30.73	30.74	86.00	82.20
			15:53	2.5	1.3	25.60		8.55		30.74		78.40		5.39		0.90		3.8	
	14/4/2022	Sunny	13:26	2.6	1.3	24.90	24.90	8.49	8.50	30.27	30.23	79.30	74.85	5.53	5.22	1.14	1.54	<1.0	1.0
			13:28	2.6	1.3	24.90		8.50		30.19		70.40		4.91		1.93		<1.0	
	16/4/2022	Monsoon signal	0:00	0.0	0.0	-													
			0:0	0.0	0.0	-													
	18/4/2022	Cloudy	9:17	2.0	1.0	21.40	21.50	8.08	8.10	32.40	32.39	76.60	80.65	5.61	5.87	2.69	3.65	3.9	3.6
			9:19	2.0	1.0	21.60		8.11		32.38		84.70		6.13		4.61		3.3	
	20/4/2022	Cloudy	9:18	2.6	1.3	21.00	21.05	8.13	8.14	32.63	32.61	65.20	72.70	4.80	4.94	6.88	6.46	7.5	7.4
			9:20	2.6	1.3	21.10		8.15		32.59		80.20		5.08		6.03		7.2	
	22/4/2022	Cloudy	8:59	2.9	1.5	23.10	23.10	7.91	7.94	32.53	32.52	86.90	86.65	6.17	6.16	2.93	2.69	2.7	2.8
			9:01	2.9	1.5	23.10		7.97		32.51		86.40		6.14		2.45		2.9	
	25/4/2022	Cloudy	11:56	2.4	1.2	26.10	26.05	8.49	8.49	31.39	31.40	134.30	120.55	9.10	8.18	2.25	1.94	2.4	2.5
			11:58	2.4	1.2	26.00		8.48		31.40		106.80		7.26		1.63		2.6	
	27/4/2022	Sunny	10:58	2.6	1.3	26.10	26.10	8.46	8.46	29.48	29.52	85.90	95.45	5.89	6.55	0.18	0.21	1.0	1.2
			11:00	2.6	1.3	26.10		8.46		29.55		105.00		7.20		0.24		1.4	
	29/4/2022	Sunny	12:54	0.0	1.4	27.00	26.95	8.50	8.50	28.80	28.99	87.70	92.90	5.95	6.30	1.14	1.15	1.4	1.5
			12:56	0.0	1.4	26.90		8.49		29.18		98.10		6.65		1.16		1.6	

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 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	12/4/2022	Sunny	12:53	7.8	1.0	23.90	23.85	8.59	8.60	30.41	30.40	86.30	95.00	6.12	6.74	0.19	0.15	1.2	1.4		
			12:55	7.8	1.0	23.80		8.60		30.38		103.70		7.35		0.11		1.5			
	14/4/2022	Sunny	11:11	8.0	1.0	23.00	23.00	8.54	8.55	30.78	30.78	65.60	76.45	4.71	5.49	1.54	1.14	<1.0	1.0		
			11:13	8.0	1.0	23.00		8.55		30.77		87.30		6.26		0.73		<1.0			
	16/4/2022	Monsoon signal	10:38	8.0	1.0	21.80	21.80	8.44	8.44	31.07	31.22	76.00	76.60	5.57	5.61	5.94	3.82	3.4	3.2		
			10:40	8.0	1.0	21.80		8.44		31.37		77.20		5.65		1.70		3.0			
	18/4/2022	Cloudy	10:33	8.6	1.0	21.50	21.55	8.36	8.37	32.24	32.30	80.10	83.10	5.86	6.08	4.00	3.05	3.5	3.7		
			10:35	8.6	1.0	21.60		8.37		32.35		86.10		6.29		2.09		3.9			
	20/4/2022	Cloudy	10:27	8.3	1.0	21.00	21.00	8.37	8.37	32.73	32.75	83.70	85.10	6.16	6.26	1.54	1.15	3.7	3.5		
			10:29	8.3	1.0	21.00		8.37		32.77		86.50		6.36		0.75		3.3			
	22/4/2022	Cloudy	10:08	8.4	1.0	22.96	22.93	8.32	8.33	32.25	32.24	77.90	79.45	5.55	5.67	3.18	2.07	3.2	3.1		
			10:10	8.4	1.0	22.90		8.33		32.23		81.00		5.78		0.95		3.0			
	25/4/2022	Cloudy	10:45	10.0	1.0	24.60	24.60	8.31	8.32	31.62	31.53	100.89	102.75	7.01	7.14	0.01	0.55	1.7	1.8		
			10:47	10.0	1.0	24.60		8.32		31.43		104.60		7.27		1.08		1.9			
	27/4/2022	Sunny	9:50	8.0	1.0	26.60	26.60	8.45	8.43	30.37	30.39	98.80	86.05	6.69	5.83	0.28	0.15	1.4	1.3		
			9:52	8.0	1.0	26.60		8.41		30.40		73.30		4.96		0.01		1.2			
29/4/2022	Sunny	10:05	0.0	1.0	26.40	26.50	8.48	8.49	28.48	28.47	98.10	89.00	6.73	6.10	0.05	0.47	<1.0	1.0			
		10:07	0.0	1.0	26.60		8.49		28.46		79.90		5.47		0.89		<1.0				

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	Value	AVG
CE	12/4/2022	Sunny	14:02	7.8	1.0	24.20	24.10	8.55	8.57	30.43	30.39	98.40	93.90	6.94	6.63	0.55	0.58	1.2	1.4		
			14:04	7.8	1.0	24.00		8.58		30.34		89.40		6.32		0.60		1.5			
	14/4/2022	Sunny	11:47	7.9	1.0	22.80	22.90	8.52	8.53	30.99	30.95	68.40	80.65	4.93	5.80	1.06	0.90	<1.0	1.0		
			11:49	7.9	1.0	23.00		8.53		30.91		92.90		6.67		0.74		<1.0			
	16/4/2022	Monsoon signal	0:00	0.0	1.0	-	Sampling was cancelled due to adverse weather														
	18/4/2022	Cloudy	10:16	8.3	1.0	21.40	21.45	8.36	8.36	32.05	32.09	67.90	70.40	4.98	5.16	2.53	2.75	1.9	1.7		
			10:18	8.3	1.0	21.50		8.36		32.12		72.90		5.34		2.96		1.5			
	20/4/2022	Cloudy	10:14	8.6	1.0	21.00	21.05	8.34	8.35	32.74	32.75	69.20	74.80	5.10	5.50	0.25	0.36	1.1	1.3		
			10:16	8.6	1.0	21.10		8.35		32.76		80.40		5.90		0.47		1.4			
	22/4/2022	Cloudy	9:57	8.3	1.0	22.70	22.70	8.33	8.32	32.37	32.31	77.90	71.25	5.58	5.10	4.04	2.64	2.9	2.8		
			9:59	8.3	1.0	22.70		8.30		32.24		64.60		4.62		1.23		2.6			
	25/4/2022	Cloudy	10:54	10.1	1.0	24.50	24.50	8.35	8.35	31.46	31.47	106.50	103.50	7.42	7.21	0.70	0.73	<1.0	1.0		
			10:56	10.1	1.0	24.50		8.35		31.47		100.50		7.00		0.76		<1.0			
	27/4/2022	Sunny	10:04	8.2	1.0	26.00	26.00	8.42	8.42	30.28	30.32	86.20	89.60	5.89	6.30	0.01	0.05	<1.0	1.0		
			10:06	8.2	1.0	26.00		8.42		30.36		93.00		6.70		0.09		<1.0			
	29/4/2022	Sunny	11:40	0.0	1.0	26.80	27.00	8.50	8.50	28.73	28.73	73.00	87.00	4.97	5.90	0.01	0.29	1.8	1.7		
11:42			0.0	1.0	27.20	8.49		28.72		101.00		6.83		0.56		1.5					

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 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
CE	12/4/2022	Sunny	12:57	7.8	3.9	22.70	22.60	8.58	8.58	31.42	31.42	100.70	108.95	7.25	7.86	0.85	0.65	2.1	2.3		
			12:59	7.8	3.9	22.50		8.58		31.41		117.20		8.46		0.44		2.5			
	14/4/2022	Sunny	11:15	8.0	4.0	23.00	23.00	8.55	8.55	30.86	30.88	92.70	93.45	6.65	6.71	0.67	1.38	<1.0	1.0		
			11:17	8.0	4.0	23.00		8.55		30.89		94.20		6.76		2.08		<1.0			
	16/4/2022	Monsoon signal	10:43	8.0	4.0	21.70	21.70	8.44	8.44	31.31	31.31	72.00	75.80	5.28	5.56	2.15	2.31	2.6	2.7		
			10:45	8.0	4.0	21.70		8.44		31.31		79.60		5.83		2.47		2.8			
	18/4/2022	Cloudy	10:37	8.6	4.3	21.60	21.60	8.38	8.38	32.39	32.38	89.50	89.50	6.53	6.53	2.60	3.07	6.2	6.2		
			10:39	8.6	4.3	21.60		8.37		32.37		89.50		6.53		3.53		6.1			
	20/4/2022	Cloudy	0:00	8.3	4.2	21.10	21.10	8.37	8.37	32.81	32.81	92.80	90.55	6.82	6.66	1.78	1.14	3.4	3.4		
				8.3	4.2	21.10		8.37		32.80		88.30		6.49		0.49		3.4			
	22/4/2022	Cloudy	10:12	8.4	4.2	23.00	22.95	8.33	8.33	32.27	32.27	76.80	83.45	5.47	5.95	2.58	1.90	3.2	3.4		
			10:14	8.4	4.2	22.90		8.33		32.27		90.10		6.43		1.22		3.6			
	25/4/2022	Cloudy	10:49	10.0	5.0	24.30	24.30	8.34	8.34	31.50	31.48	90.70	96.15	6.34	6.72	0.01	0.46	1.2	1.1		
			10:51	10.0	5.0	24.30		8.34		31.46		101.60		7.10		0.90		1.0			
	27/4/2022	Sunny	9:55	8.0	4.0	26.00	25.95	8.42	8.42	30.32	30.36	94.60	88.30	6.47	6.04	0.01	0.33	1.6	1.8		
				8.0	4.0	25.90		8.42		30.40		82.00		5.60		0.64		1.9			
	29/4/2022	Sunny	10:09	0.0	4.2	26.30	26.30	8.49	8.49	28.62	28.63	68.00	83.40	4.67	5.73	0.82	0.86	1.8	1.7		
			10:11	0.0	4.2	26.30		8.49		28.63		98.80		6.79		0.90		1.6			

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 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	
CE	12/4/2022	Sunny	14:07	7.8	3.9	23.10	23.10	8.58	8.58	31.20	31.20	100.20	105.95	7.17	7.58	0.26	0.37	2.2	2.2	
			14:09	7.8	3.9	23.10		8.58		31.20		111.70		7.99		0.47		2.1		
	14/4/2022	Sunny	0:00	7.9	4.0	22.90	22.90	8.53	8.53	30.98	30.92	87.50	86.65	6.29	6.23	2.77	2.87	<1.0	1.0	
				7.9	4.0	22.90		8.53		30.85		85.80		6.17		2.96		<1.0		
	16/4/2022	Monsoon signal	0:00	0.0	0.0	-														
	Sampling was cancelled due to adverse weather																			
	18/4/2022	Cloudy	10:21	8.3	4.2	21.50	21.50	8.37	8.37	32.32	32.34	83.00	77.75	6.06	5.68	1.80	2.38	1.7	1.8	
			10:23	8.3	4.2	21.50		8.37		32.36		72.50		5.30		2.95		1.8		
	20/4/2022	Cloudy	10:18	8.6	4.3	21.20	21.20	8.36	8.37	32.89	32.90	68.70	71.55	5.03	5.24	1.43	1.11	1.6	1.8	
			10:20	8.6	4.3	21.20		8.37		32.90		74.40		5.45		0.79		1.9		
	22/4/2022	Cloudy	10:02	8.3	4.2	22.80	22.70	8.31	8.32	32.18	32.21	87.60	80.55	6.27	5.77	2.85	2.93	2.4	2.5	
			10:04	8.3	4.2	22.60		8.32		32.23		73.50		5.27		3.01		2.6		
	25/4/2022	Cloudy	10:58	10.1	5.1	24.40	24.35	8.36	8.36	31.48	31.47	101.10	102.30	7.06	7.15	0.01	0.81	1.4	1.5	
			11:00	10.1	5.1	24.30		8.36		31.46		103.50		7.24		1.60		1.6		
	27/4/2022	Sunny	0:00	8.2	4.1	25.60	25.60	8.42	8.42	30.70	30.67	96.60	98.70	6.64	6.78	0.01	0.16	1.4	1.5	
				8.2	4.1	25.60		8.42		30.63		100.80		6.92		0.31		1.6		
	29/4/2022	Sunny	11:45	0.0	4.0	26.50	26.55	8.50	8.51	28.77	28.69	93.80	97.10	6.42	6.64	0.46	0.46	1.2	1.2	
			11:47	0.0	4.0	26.60		8.51		28.61		100.40		6.86		-		1.1		

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 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	12/4/2022	Sunny	13:01	7.8	6.8	21.80	21.90	8.52	8.51	32.04	32.04	99.20	91.95	7.22	6.69	0.57	0.47	9.9	9.7		
			13:03	7.8	6.8	22.00		8.49		32.04		84.70		6.15		0.36		9.4			
	14/4/2022	Sunny	11:20	8.0	7.0	23.40	23.25	8.50	8.51	31.59	31.58	89.00	85.45	6.32	6.08	4.61	3.85	<1.0	1.0		
			11:22	8.0	7.0	23.10		8.51		31.56		81.90		5.84		3.09		<1.0			
	16/4/2022	Monsoon signal	10:51	8.0	7.0	21.80	21.85	8.45	8.45	31.36	31.35	78.40	80.15	5.73	5.86	3.34	2.76	2.3	2.2		
			10:53	8.0	7.0	21.90		8.45		31.33		81.90		5.98		2.17		2.1			
	18/4/2022	Cloudy	10:41	8.6	7.6	21.60	21.60	8.38	8.38	32.38	32.39	87.10	87.80	6.36	6.41	3.07	2.92	7.8	7.7		
			10:43	8.6	7.6	21.60		8.38		32.39		88.50		6.45		2.77		7.5			
	20/4/2022	Cloudy	0:00	8.3	7.3	21.20	21.15	8.38	8.38	32.91	32.88	81.40	81.00	5.97	5.95	2.06	1.04	2.5	2.7		
				8.3	7.3	21.10		8.38		32.85		80.60		5.92		0.01		2.9			
	22/4/2022	Cloudy	10:16	8.4	7.4	22.90	22.85	8.34	20.35	32.35	32.36	90.00	87.75	6.42	6.27	2.50	2.10	3.8	4.0		
			10:18	8.4	7.4	22.80		32.36		32.36		85.50		6.11		1.69		4.1			
	25/4/2022	Cloudy	10:54	10.0	9.0	24.40	24.40	8.34	8.34	31.55	31.57	98.60	98.90	6.88	6.90	1.56	0.79	<1.0	1.0		
			10:56	10.0	9.0	24.40		8.34		31.59		99.20		6.92		0.01		<1.0			
	27/4/2022	Sunny	10:00	8.0	7.0	24.70	24.70	8.40	8.40	31.50	31.51	93.60	96.20	6.50	6.68	1.61	0.81	2.1	2.3		
			10:02	8.0	7.0	24.70		8.40		31.52		98.80		6.86		0.01		2.4			
	29/4/2022	Sunny	10:13	0.0	7.3	25.90	25.95	8.47	8.47	29.88	29.89	90.00	94.25	6.18	6.47	0.50	0.90	2.3	2.4		
			10:15	0.0	7.3	26.00		8.46		29.89		98.50		6.75		1.30		2.5			

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 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		
CE	12/4/2022	Sunny	14:12	7.8	6.8	22.30	22.25	8.56	8.56	31.67	31.68	102.10	103.80	7.39	7.53	0.76	0.67	2.6	2.7		
			14:14	7.8	6.8	22.20		8.56		31.69		105.50		7.67		0.57		2.7			
	14/4/2022	Sunny	11:53	7.9	6.9	22.50	22.45	8.50	8.50	31.77	31.82	86.00	89.50	6.19	6.45	1.93	3.20	1.7	1.6		
			11:55	7.9	6.9	22.40		8.49		31.86		93.00		6.70		4.46		1.4			
	16/4/2022	Monsoon signal	0:00	0.0	-1.0	-	-	Sampling was cancelled due to adverse weather													
	18/4/2022	Cloudy	10:25	8.3	7.3	21.50	21.55	8.37	8.37	32.38	32.37	83.30	80.45	6.08	5.88	2.60	2.40	1.6	1.6		
			10:27	8.3	7.3	21.60		8.37		32.36		77.60		5.67		2.19		1.6			
	20/4/2022	Cloudy	10:22	8.6	7.6	21.20	21.20	8.37	8.37	32.92	32.93	80.30	82.55	5.88	6.05	2.34	1.43	2.3	2.5		
			10:24	8.6	7.6	21.20		8.37		32.93		84.80		6.21		0.51		2.6			
	22/4/2022	Cloudy	10:06	8.3	7.3	22.60	22.60	8.32	8.33	32.22	32.30	83.00	78.10	5.95	5.60	1.61	1.66	2.2	2.2		
			10:08	8.3	7.3	22.60		8.33		32.38		73.20		5.25		1.71		2.2			
	25/4/2022	Cloudy	11:02	10.1	9.1	24.40	24.40	8.36	8.36	31.55	31.55	96.50	97.95	6.74	6.84	0.01	0.29	2.5	2.5		
			11:04	10.1	9.1	24.40		8.36		31.55		99.40		6.93		0.56		2.4			
	27/4/2022	Sunny	0:00	8.2	7.2	24.70	24.65	8.42	8.42	31.32	31.31	4.90	51.55	7.30	7.07	0.63	0.32	2.4	2.4		
				8.2	7.2	24.60		8.42		31.30		98.20		6.84		0.01		2.4			
	29/4/2022	Sunny	11:50	0.0	7.0	25.90	25.90	8.49	8.49	29.67	29.66	95.80	93.85	6.59	6.46	1.73	0.92	<1.0	1.0		
			11:52	0.0	7.0	25.90		8.49		29.64		91.90		6.32		0.11		<1.0			

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 (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	12/4/2022	Sunny	10:18	9.2	1.0	23.80	23.75	7.53	8.00	31.14	31.08	99.70	98.75	7.04	6.98
10:20	9.2	1.0	23.70		8.47					31.01		97.80		6.92		0.97		3.4			
14/4/2022	Sunny	9:15	9.9	1.0	22.50		22.45	8.22	8.25	30.61	30.64	81.30	78.85	5.90	5.72	0.50	0.38	<1.0	1.0		
		9:17	9.9	1.0	22.40			8.28		30.67		76.40		5.54		0.25		<1.0			
16/4/2022	Monsoon signal	9:03	8.4	1.0	21.50		21.35	7.23	7.47	31.99	32.13	82.50	79.20	6.04	5.81	0.01	0.01	2.1	2.3		
		9:05	8.4	1.0	21.20			7.71		32.26		75.90		5.58		0.01		2.5			
18/4/2022	Cloudy	11:49	8.7	1.0	21.40		21.45	8.38	8.39	32.54	32.49	90.40	90.00	6.61	6.58	3.85	3.73	3.9	7.7		
		11:51	8.7	1.0	21.50			8.39		32.44		89.60		6.54		3.61		11.5			
20/4/2022	Cloudy	11:45	8.7	1.0	21.70		21.70	8.37	8.38	32.83	32.84	79.90	77.90	5.81	5.66	5.63	5.41	12.7	12.5		
		11:47	8.7	1.0	21.70			8.38		32.84		75.90		5.51		5.19		12.2			
22/4/2022	Cloudy	11:25	7.9	1.0	22.70		22.70	8.34	8.34	32.25	32.19	73.40	68.80	5.26	4.93	4.09	2.55	2.4	2.3		
		11:27	7.9	1.0	22.70			8.35		32.13		64.20		4.60		1.01		2.2			
25/4/2022	Cloudy	9:25	7.3	1.0	24.20		24.15	7.14	7.26	30.79	30.76	81.40	87.95	5.73	6.20	0.64	0.97	2.1	2.3		
		9:27	7.3	1.0	24.10			7.37		30.72		94.50		6.66		1.29		2.4			
27/4/2022	Sunny	8:40	8.2	1.0	25.70		25.60	7.83	7.93	29.93	30.12	108.20	97.70	7.44	6.73	1.08	1.07	3.0	2.8		
		8:42	8.2	1.0	25.50			8.02		30.30		87.20		6.02		1.05		2.5			
29/4/2022	Sunny	8:50	0.0	1.0	26.00		26.05	8.21	8.23	29.49	29.46	76.40	86.10	5.25	5.91	0.01	0.65	<1.0	1.0		
		8:52	0.0	1.0	26.10			8.25		29.42		95.80		6.57		1.28		<1.0			

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 (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	12/4/2022	Sunny	16:13	10.4	1.0	24.40	24.45	8.59	8.60	30.71	30.72	89.90	91.30	6.30	6.40
16:15	10.4	1.0	24.50		8.60					30.73		92.70		6.49		0.01		3.4			
14/4/2022	Sunny	13:49	8.1	1.0	23.60		23.55	8.51	8.51	30.34	30.41	81.60	88.15	5.82	6.29	1.64	1.02	<1.0	1.0		
		13:52	8.1	1.0	23.50			8.51		30.48		94.70		6.76		0.39		<1.0			
16/4/2022	Monsoon signal	0:00	0.0	1.0	-																
18/4/2022	Cloudy	8:59	8.2	1.0	21.50		21.50	7.42	7.49	31.69	31.88	79.60	83.90	5.84	6.15	1.84	2.20	4.8	5.0		
		9:01	8.2	1.0	21.50			7.56		32.07		88.20		6.46		2.56		5.1			
20/4/2022	Cloudy	8:57	9.4	1.0	21.00		21.10	7.50	7.58	32.60	32.60	68.90	72.55	5.07	5.34	3.13	3.97	3.6	3.8		
		8:59	9.4	1.0	21.20			7.66		32.60		76.20		5.60		4.81		4.0			
22/4/2022	Cloudy	8:44	8.6	1.0	22.40		22.40	7.00	7.12	31.79	31.89	75.40	80.30	5.44	5.80	3.09	3.15	1.1	1.2		
		8:46	8.6	1.0	22.40			7.24		31.99		85.20		6.15		3.20		1.3			
25/4/2022	Cloudy	12:10	8.2	1.0	24.90		24.90	8.43	8.43	31.10	31.09	101.00	572.25	7.00	7.13	1.07	0.54	<1.0	1.0		
		12:12	8.2	1.0	24.90			8.42		31.07		1,043.50		7.25		0.01		<1.0			
27/4/2022	Sunny				25.90		25.90	8.44	8.39	30.08	30.08	90.70	92.05	6.23	6.32	0.49	0.62	2.1	2.3		
					25.90			8.34		30.08		93.40		6.41		0.75		2.4			
29/4/2022	Sunny	13:08	0.0	1.0	28.20		28.40	8.49	8.48	29.14	29.22	95.10	88.45	6.31	5.85	1.65	1.40	1.4	1.6		
		13:10	0.0	1.0	28.60			8.47		29.29		81.80		5.39		1.15		1.7			

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	12/4/2022	Sunny	10:23	9.2	4.6	23.40	23.45	8.49	8.50	31.13	31.19	101.50	96.15	7.22	6.84	1.62	1.51	2.9	2.7		
			10:25	9.2	4.6	23.50		8.51		31.25		90.80		6.45		1.39		2.5			
	14/4/2022	Sunny	9:19	9.9	5.0	22.20	22.25	8.31	8.32	30.87	30.86	78.20	81.20	5.69	5.91	0.49	0.47	<1.0	1.0		
			9:21	9.9	5.0	22.30		8.33		30.84		84.20		6.13		0.45		<1.0			
	16/4/2022	Monsoon signal	9:08	8.4	4.2	21.30	21.30	7.90	7.95	32.26	32.28	82.40	87.05	6.05	6.39	0.01	0.01	2.9	2.8		
			9:10	8.4	4.2	21.30		8.00		32.29		91.70		6.73		0.01		2.6			
	18/4/2022	Cloudy	11:53	8.7	4.4	21.50	21.50	8.40	8.40	32.51	32.48	85.50	85.55	6.24	6.25	6.10	6.02	4.7	4.5		
			11:55	8.7	4.4	21.50		8.40		32.45		85.60		6.25		5.94		4.3			
	20/4/2022	Cloudy	11:50	8.7	4.4	21.60	21.60	8.39	8.39	33.01	33.00	72.70	70.05	5.29	5.10	8.10	7.48	10.6	10.4		
			11:52	8.7	4.4	21.60		8.39		32.99		67.40		4.90		6.86		10.2			
	22/4/2022	Cloudy	11:29	7.9	4.0	22.60	22.55	8.35	8.35	32.35	32.35	72.10	63.90	5.17	4.59	2.33	3.50	3.1	3.0		
			11:31	7.9	4.0	22.50		8.35		32.35		55.70		4.00		4.67		2.8			
	25/4/2022	Cloudy	9:29	7.3	3.7	24.20	24.15	7.67	7.61	30.93	30.94	97.70	99.05	6.87	6.97	1.62	1.10	1.7	1.8		
			9:31	7.3	3.7	24.10		7.55		30.94		100.40		7.06		0.57		1.9			
	27/4/2022	Sunny	8:44	8.2	4.1	25.40	25.40	8.16	8.15	30.47	30.55	99.80	90.10	6.88	6.21	1.78	1.24	1.6	1.7		
			8:46	8.2	4.1	25.40		8.13		30.62		80.40		5.54		0.69		1.8			
	29/4/2022	Sunny	8:54	0.0	4.1	26.00	25.95	8.31	8.30	29.62	29.63	98.20	91.45	6.75	6.29	0.11	0.25	1.2	1.4		
			8:56	0.0	4.1	25.90		8.29		29.64		84.70		5.82		0.39		1.5			

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 (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	12/4/2022	Sunny	16:17	10.4	5.2	23.20	23.20	8.59	8.59	31.37	31.35	102.10	96.75	7.28	6.90	1.04	0.68	2.3	2.5	
			16:19	10.4	5.2	23.20		8.59		31.33		91.40		6.52		0.31		2.6		
	14/4/2022	Sunny	13:55	8.1	4.1	23.60	23.60	8.52	8.52	30.57	30.57	73.00	74.60	5.19	5.31	2.53	3.27	1.1	1.2	
			13:58	8.1	4.1	23.60		8.52		30.57		76.20		5.42		4.00		1.3		
	16/4/2022	Monsoon signal	0:00	0.0	0.0	-	Sampling was cancelled due to adverse weather													
	18/4/2022	Cloudy	9:03	8.2	4.1	21.40	21.40	7.71	7.74	32.18	32.00	74.50	81.90	5.46	6.03	2.50	2.59	3.2	3.4	
			9:05	8.2	4.1	21.40		7.77		31.81		89.30		6.60		2.68		3.6		
	20/4/2022	Cloudy	9:01	9.4	4.7	21.20	21.20	7.82	7.86	32.66	32.67	68.60	74.15	5.04	5.45	3.64	3.64	3.1	3.0	
			9:03	9.4	4.7	21.20		7.90		32.67		79.70		5.85		3.64		2.8		
	22/4/2022	Cloudy	8:48	8.6	4.3	22.40	22.40	7.46	7.50	32.07	32.08	71.00	78.60	5.12	5.67	2.29	2.64	1.9	1.8	
			8:50	8.6	4.3	22.40		7.54		32.08		86.20		6.21		2.99		1.6		
	25/4/2022	Cloudy	12:15	8.2	4.1	24.80	24.90	8.42	8.42	31.18	31.23	107.20	105.40	7.44	7.31	1.99	1.00	1.8	1.8	
			12:17	8.2	4.1	25.00		8.42		31.28		103.60		7.17		0.01		1.7		
	27/4/2022	Sunny	11:19	8.0	4.0	25.60	25.60	8.43	8.43	30.29	30.30	95.50	94.25	6.57	6.49	1.89	0.95	2.6	2.6	
			11:21	8.0	4.0	25.60		8.43		30.31		93.00		6.40		0.01		2.6		
	29/4/2022	Sunny	11:19	8.0	4.0	25.60	25.60	8.43	8.43	30.29	30.30	95.50	94.25	6.57	6.49	1.89	0.95	2.6	2.6	
			11:21	8.0	4.0	25.60		8.43		30.31		93.00		6.40		0.01		2.6		

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 (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	12/4/2022	Sunny	10:28	9.2	8.2	23.20	23.15	8.52	8.52	31.25	31.27	97.30	94.30	6.94	6.74	1.14	1.08	1.8	1.9		
			10:30	9.2	8.2	23.10	8.51	8.52	31.29	31.27	97.30	94.30	6.53	6.74	1.01	1.08	1.9	1.9			
	14/4/2022	Sunny	9:25	9.9	8.9	22.30	22.25	8.37	8.36	30.45	30.68	78.40	80.10	5.71	5.84	1.92	1.26	<1.0	1.0		
			9:27	9.9	8.9	22.20	8.35	8.36	30.90	30.68	81.80	80.10	5.96	5.84	0.60	1.26	<1.0	1.0			
	16/4/2022	Monsoon signal	9:12	8.4	7.4	21.30	21.25	8.10	8.13	32.26	32.28	78.00	84.35	5.73	6.20	0.01	0.01	3.2	3.4		
			9:14	8.4	7.4	21.20	8.15	8.13	32.30	32.28	90.70	84.35	6.67	6.20	0.01	0.01	3.6	3.4			
	18/4/2022	Cloudy	12:00	8.7	7.7	21.50	21.50	8.40	8.40	32.61	32.63	86.80	81.85	6.34	5.98	5.71	5.86	5.0	5.3		
			12:02	8.7	7.7	21.50	8.40	8.40	32.64	32.63	76.90	81.85	5.61	5.98	6.00	5.86	5.5	5.3			
	20/4/2022	Cloudy	11:54	8.7	7.7	21.50	21.50	8.39	8.39	33.03	33.01	78.10	72.60	5.69	5.29	8.94	9.29	7.4	7.6		
			11:56	8.7	7.7	21.50	8.39	8.39	32.99	33.01	67.10	72.60	4.89	5.29	9.64	9.29	7.8	7.6			
	22/4/2022	Cloudy	11:35	7.9	6.9	22.60	22.65	8.35	8.35	32.46	32.46	61.20	70.80	4.38	5.07	4.00	3.23	3.5	3.7		
			11:37	7.9	6.9	22.70	8.35	8.35	32.45	32.46	80.40	70.80	5.76	5.07	2.45	3.23	3.9	3.7			
	25/4/2022	Cloudy	9:33	7.3	6.3	24.40	24.35	7.86	7.84	31.01	31.01	106.90	97.60	7.49	6.84	0.06	0.68	1.3	1.2		
			9:35	7.3	6.3	24.30	7.82	7.84	31.00	31.01	88.30	97.60	6.19	6.84	1.30	0.68	1.1	1.2			
	27/4/2022	Sunny	8:48	8.2	7.2	24.60	24.65	8.21	8.22	31.24	31.24	79.80	88.25	5.55	6.14	0.60	0.31	1.3	1.4		
			8:50	8.2	7.2	24.70	8.23	8.22	31.24	31.24	96.70	88.25	6.73	6.14	0.01	0.31	1.4	1.4			
	29/4/2022	Sunny	8:58	0.0	7.1	25.30	25.30	8.32	8.32	95.50	63.09	95.50	91.20	6.60	6.33	0.20	0.89	1.9	1.8		
			9:00	0.0	7.1	25.30	8.31	8.32	30.67	63.09	86.90	91.20	6.06	6.33	1.58	0.89	1.6	1.8			

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 (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	12/4/2022	Sunny	16:23	10.4	9.4	22.50	22.55	8.56	8.56	31.74	31.73	98.30	95.80	7.08	6.90	0.99	1.14	1.9	1.7		
			16:25	10.4	9.4	22.60	8.55	8.56	31.72	31.73	93.30	95.80	6.72	6.90	1.29	1.14	1.4	1.7			
	14/4/2022	Sunny	14:00	8.1	7.1	22.80	22.80	8.48	8.48	32.10	31.78	77.10	79.35	5.28	5.57	4.00	3.53	1.9	1.8		
			14:05	8.1	7.1	22.80	8.48	8.48	31.46	31.78	81.60	79.35	5.86	5.57	3.05	3.53	1.7	1.8			
	16/4/2022	Monsoon signal	0:00	0.0	-1.0	-	-	Sampling was cancelled due to adverse weather													
			0:00	0.0	-1.0	-	-														
	18/4/2022	Cloudy	9:07	8.2	7.2	21.40	21.40	7.89	7.91	32.29	32.30	70.70	78.65	5.18	5.76	2.17	2.70	3.0	2.9		
			9:09	8.2	7.2	21.40	7.93	7.91	32.31	32.30	86.60	78.65	6.34	5.76	3.22	2.70	2.7	2.9			
	20/4/2022	Cloudy	9:05	9.4	8.4	21.10	21.10	8.03	8.02	32.82	32.82	82.70	76.45	6.08	5.62	3.68	4.28	2.8	2.7		
			9:07	9.4	8.4	21.10	8.00	8.02	32.81	32.82	70.20	76.45	5.15	5.62	4.88	4.28	2.5	2.7			
	22/4/2022	Cloudy	8:52	8.6	7.6	22.40	22.40	7.76	7.74	32.19	32.19	85.20	77.30	6.13	5.57	2.69	2.39	2.4	2.3		
			8:54	8.6	7.6	22.40	7.72	7.74	32.18	32.19	69.40	77.30	5.00	5.57	2.08	2.39	2.2	2.3			
	25/4/2022	Cloudy	12:21	8.2	7.2	25.00	25.00	8.42	8.42	31.28	31.29	86.00	48.07	5.95	6.48	0.97	0.69	2.4	2.3		
			12:23	8.2	7.2	25.00	8.42	8.42	31.29	31.29	10.13	48.07	7.00	6.48	0.40	0.69	2.2	2.3			
	27/4/2022	Sunny	11:25	8.0	7.0	25.30	25.30	8.41	8.41	30.84	30.85	94.10	86.25	6.49	5.95	2.63	4.02	2.9	3.0		
			11:27	8.0	7.0	25.30	8.41	8.41	30.85	30.85	78.40	86.25	5.41	5.95	5.41	4.02	3.1	3.0			
	29/4/2022	Sunny	13:21	0.0	7.3	26.60	26.60	8.52	8.52	29.06	29.06	97.40	89.85	6.64	6.12	1.06	0.56	1.4	1.6		
			13:23	0.0	7.3	26.60	8.52	8.52	29.06	29.06	82.30	89.85	5.60	6.12	0.06	0.56	1.7	1.6			

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.

**Baseline 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	3/5/2022	Sunny	12:51	3.8	1.0	22.90	22.95	8.41	8.41	32.76	32.82	90.80	88.45	6.46	6.29
			12:53	3.8	1.0	23.00		8.40		32.87		86.10		6.11		4.45		5.5			
	5/5/2022	Sunny	12:50	3.7	1.0	24.20	24.38	8.53	8.53	32.65	32.56	111.10	111.15	7.73	7.72	0.01	0.01	2.3	2.4		
			12:52	3.7	1.0	24.56		8.52		32.47		111.20		7.71		0.01		2.5			
	7/5/2022	Cloudy	12:50	3.3	1.0	25.20	25.25	8.60	8.60	32.36	32.39	102.30	108.65	7.02	7.44	2.33	2.34	2.4	2.6		
			12:52	3.3	1.0	25.30		8.60		32.42		115.00		7.86		2.31		2.8			
	10/5/2022	Rain	13:40	3.3	1.0	26.16	26.17	8.37	8.37	28.65	28.42	81.70	81.75	5.62	5.64	0.07	0.06	1.6	1.8		
			13:42	3.3	1.0	26.18		8.37		28.05		81.80		5.65		0.04		1.9			
	12/5/2022	Rainstrom	Sampling was cancelled due to adverse weather																		
	14/5/2022	Rain	9:31	3.2	1.0	24.40	24.40	8.10	8.11	25.95	25.95	88.50	86.75	6.38	6.26	1.20	1.39	2.4	2.3		
			9:33	3.2	1.0	24.40		8.12		25.95		85.00		6.13		1.57		2.2			
	16/5/2022	Rain	9:25	3.9	1.0	22.90	22.90	8.10	8.11	30.34	30.35	63.80	63.80	4.82	4.63	5.95	5.99	8.9	8.7		
			9:27	3.9	1.0	22.90		8.12		30.35		61.30		4.43		6.03		8.5			
	18/5/2022	Cloudy	12:52	3.1	1.0	23.40	23.80	8.42	8.42	31.68	31.64	79.10	78.80	5.61	5.55	3.62	3.37	3.3	3.3		
			12:54	3.1	1.0	24.20		8.41		31.60		78.50		5.49		3.11		3.2			
	20/5/2022	Fine	12:45	3.5	1.0	25.80	26.30	8.42	8.42	30.43	30.47	81.80	80.85	5.61	5.50	1.58	1.64	4.4	4.2		
			12:47	3.5	1.0	26.80		8.42		30.50		79.90		5.39		1.69		4.0			
	23/5/2022	Cloudy	12:53	3.5	1.0	24.90	24.90	8.54	8.53	29.27	29.40	77.20	73.65	5.41	5.16	0.38	1.44	2.7	2.9		
			12:55	3.5	1.0	24.90		8.52		29.52		70.10		4.90		2.49		3.0			
	25/5/2022	Rain	8:55	3.7	1.0	24.60	24.60	8.20	8.22	30.56	30.59	75.60	76.35	5.29	5.34	0.46	0.73	2.4	2.4		
			8:57	3.7	1.0	24.60		8.23		30.61		77.10		5.39		1.00		2.4			
	27/5/2022	Rain	9:19	3.6	1.0	26.10	26.15	8.13	8.15	30.05	29.98	76.80	78.30	5.25	5.35	2.09	2.10	3.2	3.4		
			9:21	3.6	1.0	26.20		8.17		29.90		79.80		5.45		2.11		3.5			
	31/5/2022	Rain	9:16	3.5	1.0	27.30	17.30	8.27	8.30	24.13	23.80	88.40	86.45	6.12	6.00	6.48	4.50	10.9	11.1		
			9:18	3.5	1.0	7.30		8.33		23.46		84.50		5.87		2.52		11.2			

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.

**Baseline 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	3/5/2022	Sunny	9:23	3.9	1.0	22.50	22.55	8.22	8.23	32.86	32.86	77.00	82.70	5.52	5.92
			9:25	3.9	1.0	22.90		8.23		32.85		88.40		6.31		6.67		3.8			
	5/5/2022	Sunny	9:30	3.9	1.0	23.80	23.65	8.29	8.31	32.54	32.60	101.00	104.35	7.11	7.34	2.55	2.97	3.1	3.0		
			9:32	3.9	1.0	23.70		8.32		32.66		107.70		7.56		3.39		2.8			
	7/5/2022	cloudy	9:21	3.1	1.0	24.70	24.80	8.46	8.47	32.35	32.39	112.30	115.90	7.75	7.99	1.25	1.21	3.0	3.2		
			9:23	3.1	1.0	24.90		8.47		32.42		119.50		8.22		1.19		3.4			
	10/5/2022	Rain	10:53	3.0	1.0	26.26	26.25	8.44	8.41	28.95	28.85	85.70	90.75	5.88	6.23	0.01	0.01	1.5	1.6		
			10:55	3.0	1.0	26.23		8.37		28.75		95.80		6.58		0.01		1.6			
	12/5/2022	Rainstrom	Sampling was cancelled due to adverse weather																		
	14/5/2022	Rain	12:59	3.3	1.0	24.70	24.70	8.38	8.39	25.79	25.80	83.40	83.05	5.98	5.96	1.60	1.35	<1.0	<1.0		
			13:01	3.3	1.0	24.70		8.39		25.81		82.70		5.93		1.09		<1.0			
	16/5/2022	Rain	12:50	3.1	1.0	21.90	22.40	8.33	8.33	30.96	30.92	84.50	80.50	6.19	5.85	6.03	5.87	4.9	4.8		
			12:52	3.1	1.0	22.90		8.32		30.88		76.50		5.50		5.71		4.7			
	18/5/2022	Cloudy	9:26	3.2	1.0	23.20	23.30	8.20	8.22	31.62	31.67	80.60	73.60	5.74	5.24	3.93	3.88	4.3	4.2		
			9:28	3.2	1.0	23.40		8.23		31.72		66.60		4.73		3.82		4.1			
	20/5/2022	Fine	9:12	3.4	1.0	24.70	24.70	8.17	8.19	30.54	30.54	69.90	71.25	4.88	4.98	1.51	1.52	3.7	3.6		
			9:14	3.4	1.0	24.70		8.20		30.53		72.60		5.07		1.52		3.4			
	23/5/2022	Cloudy	9:11	3.4	1.0	24.60	24.65	8.22	8.25	29.38	29.41	87.50	86.70	6.16	6.10	0.89	0.78	2.6	2.5		
			9:13	3.4	1.0	24.70		8.28		29.43		85.90		6.04		0.66		2.4			
	25/5/2022	Rain	12:56	3.2	1.0	24.90	24.95	8.38	8.39	30.51	30.51	69.00	70.60	4.80	4.91	1.51	1.52	2.4	2.6		
			12:58	3.2	1.0	25.00		8.39		30.51		72.20		5.01		1.52		2.8			
	27/5/2022	Rain	12:50	4.0	1.0	26.20	26.20	8.45	8.45	29.94	30.09	80.60	79.00	5.50	5.39	1.63	1.63	4.0	3.9		
			12:52	4.0	1.0	26.20		8.44		30.24		77.40		5.28		2.03		3.7			
	31/5/2022	Rain	12:50	3.2	1.0	26.70	27.05	6.59	6.62	23.46	23.08	78.50	84.05	5.51	5.88	1.04	1.21	2.9	3.1		
			12:52	3.2	1.0	27.40		6.64		22.69		89.60		6.24		1.38		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.



Baseline 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	3/5/2022	Sunny	12:55	3.8	2.8	23.00	23.00	8.40	8.40	32.87	32.90	86.10	82.40	6.11	5.85	4.45	4.77	8.2	8.4		
			12:57	3.8	2.8	23.00		8.40		32.93		78.70		5.58		5.09		8.5			
	5/5/2022	Sunny	12:54	3.7	2.7	24.10	23.80	8.54	8.50	32.64	32.79	116.90	103.70	8.14	7.25	0.01	0.01	5.3	5.1		
			12:56	3.7	2.7	23.50		8.45		32.93		90.50		6.36		0.01		4.8			
	7/5/2022	Cloudy	12:54	3.3	2.3	25.20	25.20	8.61	8.61	32.42	32.42	123.10	121.70	8.43	8.34	2.46	2.43	3.7	4.0		
			12:56	3.3	2.3	25.20		8.61		32.42		120.30		8.24		2.41		4.2			
	10/5/2022	Rain	13:44	0.0	2.3	26.16	26.17	8.37	8.38	28.92	28.91	82.00	85.15	5.64	5.86	0.30	0.44	2.2	2.3		
			13:46	3.3	2.3	26.18		8.38		28.90		88.30		6.07		0.58		2.2			
	12/5/2022	Rainstrom	Sampling was cancelled due to adverse weather																		
	14/5/2022	Rain	9:35	3.2	2.2	24.50	24.50	8.13	8.14	27.63	27.67	77.00	77.25	5.49	5.51	2.05	2.07	2.7	2.9		
			9:37	3.2	2.2	24.50		8.14		27.70		77.50		5.52		2.09		3.1			
	16/5/2022	Rain	9:29	3.1	2.9	22.90	22.90	8.13	8.14	30.19	30.27	71.30	69.20	5.15	5.00	5.69	5.80	10.0	9.9		
			9:31	3.9	2.9	22.90		8.14		30.34		67.10		4.84		5.90		9.7			
	18/5/2022	Cloudy	12:56	3.1	2.1	23.60	23.65	8.42	8.42	31.69	31.68	80.30	80.05	5.39	5.52	3.21	3.00	3.0	2.9		
			12:58	3.1	2.1	23.70		8.42		31.66		79.80		5.64		2.79		2.8			
	20/5/2022	Fine	12:50	3.5	2.5	26.10	25.85	8.42	8.43	30.64	30.61	79.30	82.70	5.52	5.72	1.69	1.68	3.3	3.5		
			12:52	3.5	2.5	25.60		8.43		30.58		86.10		5.92		1.66		3.6			
	23/5/2022	Cloudy	12:57	3.5	2.5	24.80	24.75	8.55	8.56	29.36	29.36	81.00	84.10	5.68	5.91	0.01	0.03	3.7	3.9		
			12:59	3.5	2.5	24.70		8.56		29.35		87.20		6.13		0.05		4.0			
	25/5/2022	Rain	9:00	3.7	2.7	24.60	24.60	8.25	8.27	30.62	30.61	77.70	78.60	5.43	5.50	0.47	1.86	1.4	1.3		
9:02			3.7	2.7	24.60		8.28		30.60		79.50		5.56		3.24		1.2				
27/5/2022	Rain	9:23	3.6	2.6	26.20	26.20	8.23	8.22	29.97	29.98	81.20	80.30	5.54	5.49	3.17	2.44	2.9	2.7			
		9:25	3.6	2.6	26.20		8.20		29.99		79.40		5.43		1.70		2.5				
31/5/2022	Rain	9:20	3.5	2.5	27.30	27.30	8.35	8.37	24.46	24.43	87.80	87.90	6.07	6.08	7.48	7.83	13.1	13.4			
		9:22	3.5	2.5	27.30		8.38		24.40		88.00		6.08		8.18		13.6				

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.



Baseline 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	3/5/2022	Sunny	9:27	3.9	2.9	22.60	22.55	8.26	8.26	32.88	32.88	66.20	75.90	4.73	5.43	4.18	4.83	5.3	5.2		
			9:29	3.9	2.9	22.50		8.26		32.88		85.60		6.12		5.47		5.0			
	5/5/2022	Sunny	9:34	3.9	2.9	23.80	23.80	8.34	8.35	32.69	32.69	97.60	100.95	6.84	7.08	8.88	5.62	<1.0	1.0		
			9:36	3.9	2.9	23.80		8.35		32.69		104.30		7.31		2.35		<1.0			
	7/5/2022	cloudy	9:24	3.1	2.1	24.70	24.75	8.51	6.01	32.42	32.39	114.80	112.90	7.92	7.79	1.34	1.38	4.7	4.9		
			9:26	3.1	2.1	24.80		3.50		32.35		111.00		7.66		1.39		5.0			
	10/5/2022	Rain	10:57	3.0	2.0	20.20	23.22	8.36	8.40	38.49	32.98	116.20	117.75	3.00	5.60	0.01	0.01	5.7	5.6		
			10:59	3.0	2.0	26.24		8.43		27.46		119.30		8.20		0.01		5.4			
	12/5/2022	Rainstrom	Sampling was cancelled due to adverse weather																		
	14/5/2022	Rain	13:03	3.3	2.3	24.80	24.75	8.39	8.39	26.10	26.02	81.70	82.95	5.85	5.94	1.22	1.47	1.1	1.2		
			13:05	3.3	2.3	24.70		8.39		25.93		84.20		6.03		1.72		1.3			
	16/5/2022	Rain	12:54	3.1	2.1	23.50	23.50	8.30	8.30	31.00	31.01	67.80	70.35	4.82	5.00	5.70	5.78	6.5	6.3		
			12:56	3.1	2.1	23.50		8.30		31.02		72.90		5.18		5.85		6.1			
	18/5/2022	Cloudy	9:30	3.2	2.2	23.60	23.60	8.25	8.25	31.72	31.72	73.30	73.30	5.18	5.18	4.22	4.22	4.9	4.7		
			9:32	3.2	2.2	-		-		-		-		-		-		4.5	4.5		
	20/5/2022	Fine	9:16	3.4	2.4	24.60	24.60	8.24	8.24	30.63	30.62	63.50	71.90	4.44	5.03	1.50	1.65	4.1	4.3		
			9:18	3.4	2.4	24.60		8.24		30.61		80.30		5.61		1.80		4.5			
	23/5/2022	Cloudy	9:15	3.4	2.4	24.80	24.80	8.31	8.33	29.45	29.46	86.90	84.15	6.10	5.91	0.83	0.92	5.4	5.5		
			9:17	3.4	2.4	24.80		8.34		29.46		81.40		5.71		1.00		5.5			
	25/5/2022	Rain	13:00	3.2	2.2	24.80	24.80	8.39	8.40	30.62	30.61	76.40	77.00	5.32	5.36	2.26	1.75	4.8	4.6		
13:02			3.2	2.2	24.80		8.40		30.60		77.60		5.40		1.23		4.4				
27/5/2022	Rain	12:54	4.0	3.0	26.20	26.20	8.47	8.47	29.95	29.95	74.20	74.55	5.07	5.09	1.00	1.77	4.8	4.6			
		12:56	4.0	3.0	26.20		8.46		29.95		74.90		5.11		2.54		4.4				
31/5/2022	Rain	12:55	3.2	2.2	27.60	27.55	6.65	7.66	22.66	22.66	93.20	94.35	6.48	6.56	1.26	1.52	15.5	15.3			
		12:57	3.2	2.2	27.50		6.66		22.66		95.50		6.64		1.78		15.0				

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.



Baseline 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	3/5/2022	Sunny	12:43	4.7	1.0	24.50	23.70	8.40	8.41	32.75	32.82	92.50	88.05	6.39	6.17	4.16	3.31	2.6	2.9		
			12:45	4.7	1.0	22.90		8.42		32.88		83.60		5.95		2.46		3.1			
	5/5/2022	Sunny	12:41	4.7	1.0	24.10	24.15	8.50	8.51	32.48	32.52	109.50	111.35	7.64	7.76	0.01	0.01	4.5	4.7		
			12:43	4.7	1.0	24.20		8.51		32.55		113.20		7.88		0.01		4.8			
	7/5/2022	Cloudy	12:42	4.4	1.0	25.00	25.15	8.59	8.59	32.53	32.44	85.60	96.70	5.88	6.63	2.14	2.18	4.0	3.9		
			12:44	4.4	1.0	25.30		8.58		32.35		107.80		7.37		2.18		3.8			
	10/5/2022	Rain	13:31	4.5	1.0	26.08	26.09	8.38	8.36	28.59	28.74	87.10	87.25	6.01	6.02	0.12	0.09	1.3	1.5		
			13:33	4.5	1.0	26.09		8.34		28.88		87.40		6.02		0.06		1.7			
	12/5/2022	Rainstrom	Sampling was cancelled due to adverse weather																		
	14/5/2022	Rain	9:39	4.3	1.0	24.50	24.50	8.19	8.20	25.47	25.44	78.20	80.00	5.64	5.78	1.91	1.80	2.8	3.0		
			9:41	4.3	1.0	24.50		8.20		25.41		81.80		5.91		1.69		3.2			
	16/5/2022	Rain	9:33	3.6	1.0	23.30	23.35	8.19	8.18	30.29	30.21	81.30	77.75	5.83	5.57	5.51	5.05	7.8	8.0		
			9:35	3.6	1.0	23.40		8.17		30.12		74.20		5.31		4.58		8.2			
	18/5/2022	Cloudy	12:43	4.9	1.0	25.00	24.25	8.41	8.42	31.10	31.21	81.30	82.05	5.63	5.76	2.37	2.18	1.8	1.7		
			12:45	4.9	1.0	23.50		8.43		31.32		82.80		5.88		1.99		1.6			
	20/5/2022	Fine	12:37	3.8	1.0	25.40	25.20	8.40	8.42	30.56	30.60	73.20	77.95	5.05	5.40	1.23	1.57	2.5	2.5		
			12:39	3.8	1.0	25.00		8.43		30.64		82.70		5.74		1.90		2.5			
	23/5/2022	Cloudy	12:43	4.7	1.0	24.70	24.75	8.56	8.56	29.24	29.27	87.40	86.45	6.15	6.08	0.50	0.26	4.0	4.2		
			12:45	4.7	1.0	24.80		8.56		29.29		85.50		6.00		0.01		4.4			
	25/5/2022	Rain	9:04	3.8	1.0	24.70	24.70	8.32	8.32	30.54	30.54	73.10	74.75	5.11	5.23	1.10	1.10	2.4	2.3		
9:06			3.8	1.0	24.70		8.31		30.54		76.40		5.35		1.10		2.1				
27/5/2022	Rain	9:27	4.2	1.0	26.20	26.25	8.22	8.24	30.35	30.28	73.20	75.50	4.99	5.14	1.91	2.71	1.6	1.8			
		9:29	4.2	1.0	26.30		8.25		30.21		77.80		5.29		3.51		1.9				
31/5/2022	Rain	9:25	4.7	1.0	27.40	27.30	8.48	8.46	23.99	24.54	80.70	85.70	5.59	5.92	2.95	5.90	5.6	5.8			
		9:27	4.7	1.0	27.20		8.44		25.09		90.70		6.25		8.84		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.



Baseline 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	Value	AVG
SR5	3/5/2022	Sunny	9:31	4.7	1.0	22.90	22.60	8.29	8.30	32.74	32.74	90.10	86.30	6.45	6.17	4.10	3.74	3.6	3.5		
			9:33	4.7	1.0	22.70		8.30		32.73		82.50		5.89		3.37		3.4			
	5/5/2022	Sunny	9:39	4.4	1.0	24.10	23.95	8.34	8.34	32.61	32.61	80.40	93.05	5.61	6.41	3.98	4.18	5.0	5.3		
			9:41	4.4	1.0	23.80		8.34		32.61		105.70		7.21		4.37		5.6			
	7/5/2022	cloudy	9:28	4.3	1.0	25.30	25.05	8.48	8.48	32.42	32.39	84.70	101.70	5.80	7.00	1.69	1.68	3.1	3.2		
			9:30	4.3	1.0	24.80		8.47		32.35		118.70		8.19		1.64		3.3			
	10/5/2022	Rain	11:03	4.1	1.0	26.33	26.33	8.48	8.42	28.83	28.86	114.30	104.50	7.83	7.16	0.84	0.45	1.5	1.6		
			11:05	4.1	1.0	26.33		8.35		28.88		94.70		6.49		0.06		1.6			
	12/5/2022	Rainstrom	Sampling was cancelled due to adverse weather																		
	14/5/2022	Rain	12:49	3.5	1.0	24.80	24.80	8.38	8.39	25.06	25.04	83.50	82.80	6.00	5.95	1.63	1.80	1.7	1.7		
			12:51	3.5	1.0	24.80		8.39		25.01		82.10		5.90		1.96		1.6			
	16/5/2022	Rain	12:41	4.2	1.0	22.80	22.50	8.34	8.34	29.97	30.20	77.80	78.10	5.63	5.68	3.51	3.36	3.4	3.6		
			12:43	4.2	1.0	22.20		8.34		30.42		78.40		5.72		3.21		3.8			
	18/5/2022	Cloudy	9:35	5.0	1.0	23.10	23.20	8.29	8.30	31.66	31.65	72.10	74.85	5.15	5.34	1.99	2.65	3.0	3.2		
			9:37	5.0	1.0	23.30		8.30		31.64		77.60		5.52		3.30		3.4			
	20/5/2022	Fine	9:21	3.6	1.0	24.60	24.60	8.27	8.26	30.83	30.82	79.20	78.05	5.53	5.45	-	1.60	3.1	3.3		
			9:23	3.6	1.0	24.60		8.25		30.81		76.90		5.37		1.60		3.5			
	23/5/2022	Cloudy	9:20	2.9	1.0	24.80	24.70	8.35	8.37	29.24	29.30	87.80	87.55	6.17	6.16	1.42	1.34	3.4	3.2		
			9:22	2.9	1.0	24.60		8.38		29.35		87.30		6.14		1.25		3.0			
	25/5/2022	Rain	12:46	3.9	1.0	25.20	25.10	8.37	8.38	30.41	29.85	72.60	74.25	5.03	5.17	1.90	1.95	2.6	2.7		
12:48			3.9	1.0	25.00		8.39		29.29		75.90		5.31		1.99		2.8				
27/5/2022	Rain	12:41	3.8	1.0	26.20	26.20	8.42	8.42	30.29	30.28	79.00	79.65	5.39	5.43	1.98	2.14	1.5	1.7			
		12:43	3.8	1.0	26.20		8.42		30.27		80.30		5.47		2.30		1.8				
31/5/2022	Rain	12:42	4.5	1.0	26.40	26.70	8.63	8.62	21.94	22.25	92.40	90.85	6.58	6.43	1.71	1.96	5.3	5.2			
		12:44	4.5	1.0	27.00		8.61		22.56		89.30		6.27		2.21		5.1				

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.

Baseline 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	3/5/2022	Sunny	12:47	4.7	3.7	23.10	23.05	8.41	8.41	32.97	32.94	87.90	90.10	6.22	6.39	3.55	3.15	4.9	4.8		
			12:49	4.7	3.7	23.00		8.41		32.91		92.30		6.55		2.75		4.6			
	5/5/2022	Sunny	12:45	4.7	3.7	24.00	24.05	8.51	8.51	32.61	32.60	111.70	109.05	7.80	7.61	0.01	0.01	3.1	3.0		
			12:47	4.7	3.7	24.10		8.51		32.59		106.40		7.42		0.01		2.8			
	7/5/2022	Cloudy	12:46	4.4	3.4	25.00	25.00	8.59	8.59	32.40	32.42	120.80	118.20	8.30	8.12	2.33	2.33	2.6	2.6		
			12:48	4.4	3.4	25.00		8.59		32.43		115.60		7.94		2.32		2.6			
	10/5/2022	Rain	13:35	4.5	3.5	26.10	26.10	8.36	8.36	28.74	28.80	84.70	85.35	5.83	5.88	0.01	0.10	2.2	2.3		
			13:37	4.5	3.5	26.10		8.36		28.85		86.00		5.92		0.18		2.4			
	12/5/2022	Rainstrom	Sampling was cancelled due to adverse weather																		
	14/5/2022	Rain	9:43	4.3	3.3	24.50	24.50	8.18	8.19	27.58	27.65	80.70	80.90	5.75	5.76	2.81	2.64	4.0	4.2		
			9:45	4.3	2.6	24.50		8.19		27.71		81.10		5.77		2.47		4.4			
	16/5/2022	Rain	9:37	4.9	2.6	23.50	23.50	8.20	8.21	30.46	30.53	61.30	64.95	4.37	4.63	5.10	5.50	5.7	5.6		
			9:39	3.6	2.6	23.50		8.21		30.60		68.60		4.89		5.90		5.4			
	18/5/2022	Cloudy	12:48	4.9	3.9	23.60	23.55	8.42	8.42	31.36	31.34	81.30	84.65	5.76	6.01	1.99	2.09	4.8	4.6		
			12:50	4.9	3.9	23.50		8.41		31.31		88.00		6.25		2.19		4.4			
	20/5/2022	Fine	12:41	3.8	2.8	25.10	26.25	8.42	8.41	30.64	30.31	79.30	78.25	5.53	5.35	1.69	1.69	3.0	3.2		
			12:43	3.8	2.8	27.40		8.39		29.97		77.20		5.17		1.69		3.3			
	23/5/2022	Cloudy	12:47	4.7	3.7	24.90	24.90	8.52	8.52	29.46	29.51	87.20	86.35	6.11	6.05	2.10	2.86	6.2	6.0		
			12:49	4.7	3.7	24.90		8.51		29.56		85.50		5.99		3.61		5.8			
	25/5/2022	Rain	9:10	3.8	2.8	24.70	24.70	8.33	8.34	30.55	30.54	79.00	79.25	5.52	5.54	1.55	1.05	4.7	4.6		
9:12			3.8	2.8	24.70		8.34		30.53		79.50		5.55		0.55		4.4				
27/5/2022	Rain	9:30	4.2	3.2	26.30	26.30	8.28	8.28	30.02	30.05	80.50	80.85	5.49	5.52	1.97	1.80	2.7	2.9			
		9:32	4.2	3.2	26.30		8.27		30.07		81.20		5.54		1.63		3.0				
31/5/2022	Rain	9:29	4.7	3.7	27.50	27.35	8.52	8.57	23.83	23.86	96.90	94.95	6.70	6.58	2.14	2.60	12.9	12.5			
		12:48	4.5	3.5	27.20		8.61		23.89		93.00		6.46		3.06		12.0				

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.

Baseline 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
						Sampling was cancelled due to adverse weather															
SR5	3/5/2022	Sunny	9:35	4.7	3.7	22.70	22.70	8.31	8.32	32.77	32.76	71.90	77.55	5.13	5.53	5.31	3.97	6.6	6.8		
			9:37	4.7	3.7	22.70		8.32		32.75		83.20		5.93		2.63		7.0			
	5/5/2022	Sunny	9:43	4.4	3.4	23.70	23.70	8.36	8.36	32.58	32.59	96.80	101.65	6.79	7.13	3.54	4.00	4.5	4.3		
			9:45	4.4	3.4	23.70		8.35		32.60		106.50		7.47		4.46		4.1			
	7/5/2022	cloudy	9:32	4.3	3.3	24.80	24.80	8.49	8.49	32.44	32.46	91.30	94.15	6.29	6.49	3.11	3.15	4.8	4.6		
			9:34	4.3	3.3	24.80		8.49		32.47		97.00		6.68		3.16		4.4			
	10/5/2022	Rain	11:07	4.1	3.1	26.27	26.27	8.33	8.34	29.00	29.00	79.30	79.25	5.44	5.76	0.01	0.01	2.3	2.2		
			11:09	4.1	3.1	26.27		8.35		29.00		79.20		6.07		0.01		2.1			
	12/5/2022	Rainstrom	Sampling was cancelled due to adverse weather																		
	14/5/2022	Rain	12:53	3.5	2.5	24.80	24.80	8.39	8.40	25.64	25.45	83.60	83.95	6.00	6.03	1.80	1.65	1.8	1.9		
			12:55	3.5	2.5	24.80		8.40		25.25		84.30		6.06		1.50		1.9			
	16/5/2022	Rain	12:45	4.2	3.2	23.10	23.10	8.34	8.34	31.03	31.07	74.70	74.10	5.35	5.31	4.03	4.57	4.4	4.4		
			12:47	4.2	3.2	23.10		8.34		31.10		73.50		5.26		5.10		4.4			
	18/5/2022	Cloudy	9:40	5.0	4.0	23.40	23.35	8.31	8.31	31.61	31.62	73.20	71.35	5.20	5.07	2.16	2.28	2.6	2.7		
			9:42	5.0	4.0	23.30		8.31		31.63		69.50		4.94		2.39		2.8			
	20/5/2022	Fine	9:25	3.6	2.6	24.60	24.60	8.28	8.29	30.84	30.84	87.70	82.75	6.13	5.78	1.81	1.72	4.4	4.6		
			9:27	3.6	2.6	24.60		8.29		30.84		77.80		5.43		1.63		4.6			
	23/5/2022	Cloudy	9:24	2.9	1.9	24.80	24.80	8.40	8.42	29.28	29.28	82.20	82.30	5.77	5.78	1.29	1.25	4.1	4.3		
			9:26	2.9	1.9	24.80		8.43		29.28		82.40		5.78		1.20		4.4			
	25/5/2022	Rain	12:50	3.9	2.9	24.90	24.90	8.35	8.36	30.63	30.63	74.60	74.45	5.18	5.17	3.26	2.91	4.4	4.3		
12:52			3.9	2.9	24.90		8.36		30.63		74.30		5.16		2.56		4.1				
27/5/2022	Rain	12:45	3.8	2.8	26.10	26.10	8.43	8.43	30.30	30.30	80.80	80.10	5.52	5.47	3.06	2.99	3.0	2.9			
		12:47	3.8	2.8	26.10		8.42		30.29		79.40		5.42		2.92		2.8				
31/5/2022	Rain	12:46	4.5	3.5	27.20	27.20	8.61	8.61	23.77	23.83	90.70	91.85	6.31	6.39	2.34	2.70	12.3	12.2			
		12:48	4.5	3.5	27.20		8.61		23.89		93.00		6.46		3.06		12.0				

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.

Baseline 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	3/5/2022	Sunny	12:34	2.9	1.5	23.30	23.10	8.42	8.42	32.79	32.65	88.40	92.05	6.24	6.53	2.56	3.22	2.4	2.5	2.5	
			12:36	2.9	1.5	22.90		8.42		32.51		95.70		6.82		3.88		2.5			
	5/5/2022	Sunny	12:32	2.6	1.3	24.10	23.95	8.49	8.49	32.49	32.53	96.20	101.80	6.71	7.12	0.01	0.01	3.2	2.9	3.1	
			12:34	2.6	1.3	23.80		8.49		32.57		107.40		7.53		0.01		2.9			
	7/5/2022	Cloudy	12:33	2.9	1.5	25.30	25.35	8.59	8.59	32.33	32.36	109.60	111.00	7.49	7.59	2.39	2.33	2.6	2.9	2.8	
			12:35	2.9	1.5	25.40		8.58		32.39		112.40		7.68		2.31		2.9			
	10/5/2022	Rain	13:22	2.8	1.4	25.95	25.95	8.31	8.32	27.99	28.31	84.70	84.90	5.87	5.88	0.67	0.60	2.9	2.6	2.8	
			13:24	2.8	1.4	25.95		8.32		28.63		85.10		5.88		0.53		2.6			
	12/5/2022	Rainstrom	Sampling was cancelled due to adverse weather																		
	14/5/2022	Rain	9:48	2.8	1.4	24.50	24.50	8.24	8.25	25.53	25.50	87.30	85.80	6.29	6.19	0.98	1.11	1.6	1.6	1.6	
			9:50	2.8	1.4	24.50		8.25		25.47		84.30		6.08		1.24		1.5			
	16/5/2022	Rain	9:42	3.3	1.4	23.00	22.55	8.24	8.25	30.43	30.48	75.60	75.85	5.44	5.50	4.46	4.38	4.0	3.9	3.9	
			9:44	2.8	1.4	22.10		8.26		30.53		76.10		5.56		4.29		3.7			
	18/5/2022	Cloudy	12:35	3.3	1.7	23.80	23.60	8.42	8.43	31.09	31.12	78.30	79.20	5.54	5.62	1.31	1.27	3.5	3.4	3.4	
			12:37	3.3	1.7	23.40		8.43		31.14		80.10		5.70		1.23		3.2			
	20/5/2022	Fine	12:30	3.1	1.6	25.70	25.90	8.40	8.40	29.97	29.94	76.10	73.70	5.24	5.06	1.51	1.57	2.7	2.9	2.9	
			12:32	3.1	1.6	26.10		8.39		29.91		71.30		4.87		1.62		3.0			
	23/5/2022	Cloudy	12:34	3.3	1.7	24.90	24.90	8.52	8.52	29.50	29.50	76.90	74.10	5.38	5.19	2.07	2.23	4.6	4.4	4.4	
			12:36	3.3	1.7	24.90		8.52		29.50		71.30		4.99		2.38		4.2			
	25/5/2022	Rain	9:23	2.8	1.4	24.70	24.80	8.30	8.30	30.35	30.40	76.60	76.10	5.33	5.30	2.48	3.24	3.6	3.7	3.7	
9:25			2.8	1.4	24.90	8.30		30.44		75.60		5.26		3.99		3.8					
27/5/2022	Rain	9:37	2.9	1.5	26.10	26.10	8.30	8.30	29.85	29.93	77.10	78.75	5.28	5.39	1.81	2.35	2.4	2.3	2.3		
		9:39	2.9	1.5	26.10		8.30		30.00		80.40		5.50		2.88		2.1				
31/5/2022	Rain	9:35	2.9	1.5	27.80	27.65	8.46	8.48	23.30	23.63	83.80	86.80	5.78	5.99	6.20	4.63	3.6	3.5	3.5		
		9:37	2.9	1.5	27.90		8.50		23.95		89.80		6.20		3.06		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.

Baseline 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	3/5/2022	Sunny	9:41	2.9	1.5	22.20	22.25	8.32	8.33	32.27	32.41	94.60	90.80	6.88	6.57	3.22	3.93	4.8	4.5	4.5	
			9:43	2.9	1.5	22.30		8.33		32.54		87.00		6.26		4.63		4.2			
	5/5/2022	Sunny	9:48	2.9	1.5	23.50	23.60	8.36	8.36	32.59	32.58	83.10	85.85	5.86	6.04	3.69	4.31	3.8	4.0	4.0	
			9:50	2.9	1.5	23.70		8.36		32.56		88.60		6.22		4.93		4.1			
	7/5/2022	cloudy	9:37	3.0	1.5	25.90	25.10	8.50	8.51	32.25	32.24	111.70	109.70	7.62	7.53	2.48	2.43	2.1	2.2	2.2	
			9:39	3.0	1.5	24.70		8.51		32.23		107.70		7.44		2.39		2.2			
	10/5/2022	Rain	11:13	2.7	1.4	26.15	26.15	8.37	8.35	28.50	28.51	82.90	82.30	5.71	7.02	0.01	0.01	2.6	2.5	2.5	
			11:15	2.7	1.4	26.14		8.33		28.51		81.70		8.33		0.01		2.4			
	12/5/2022	Rainstrom	Sampling was cancelled due to adverse weather																		
	14/5/2022	Rain	12:38	2.9	1.5	24.70	24.75	8.38	8.38	25.81	25.83	78.70	80.60	5.64	5.78	1.40	1.44	2.3	2.2	2.2	
			12:40	2.9	1.5	24.80		8.38		25.84		82.50		5.91		1.47		2.1			
	16/5/2022	Rain	12:32	2.9	1.5	23.10	22.60	8.35	8.36	30.87	30.93	78.10	78.05	5.60	5.65	4.97	5.02	4.8	5.0	5.0	
			12:34	2.9	1.5	22.10		8.36		30.99		78.00		5.69		5.06		5.2			
	18/5/2022	Cloudy	9:44	3.2	1.6	23.20	23.35	8.33	8.33	31.07	31.04	77.00	75.95	5.50	5.42	1.55	1.60	1.9	1.8	1.8	
			9:46	3.2	1.6	23.50		8.33		31.01		74.90		5.33		1.64		1.7			
	20/5/2022	Fine	9:30	2.5	1.3	24.50	24.65	8.29	8.30	30.22	29.89	72.10	75.00	5.06	5.26	1.52	1.56	3.3	3.5	3.5	
			9:32	2.5	1.3	24.80		8.30		29.55		77.90		5.46		1.60		3.7			
	23/5/2022	Cloudy	9:29	3.2	1.6	24.80	24.80	8.46	8.46	29.23	29.22	87.20	88.00	6.12	6.18	2.39	2.42	4.0	4.2	4.2	
			9:31	3.2	1.6	24.80		8.45		29.20		88.80		6.23		2.44		4.3			
	25/5/2022	Rain	12:37	2.9	1.5	25.00	24.95	8.40	8.40	30.47	30.46	77.00	76.20	5.35	5.30	2.09	1.94	1.4	1.4	1.4	
12:39			2.9	1.5	24.90	8.39		30.44		75.40		5.25		1.79		1.3					
27/5/2022	Rain	12:32	2.9	1.5	26.10	26.15	8.40	8.40	30.24	30.31	79.40	78.85	5.43	5.39	2.69	2.54	4.0	4.2	4.2		
		12:34	2.9	1.5	26.20		8.40		30.38		78.30		5.34		2.39		4.4				
31/5/2022	Rain	12:33	2.9	1.5	27.50	27.20	8.63	8.61	22.07	22.78	90.70	91.15	6.33	6.37	0.90	1.71	3.0	2.9	2.9		
		12:35	2.9	1.5	26.90		8.59		23.48		91.60		6.41		2.51		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.



Baseline 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	3/5/2022	Sunny	12:21	4.5	1.0	22.70	23.60	8.43	8.43	32.82	32.78	87.10	89.25	6.21	6.27	2.20	2.79	2.4	2.3		
			12:23	4.5	1.0	24.50		8.42		32.74		91.40		6.32	3.37			2.1			
	5/5/2022	Sunny	12:19	4.3	1.0	23.70	23.90	8.50	8.50	32.48	32.53	111.30	110.70	7.82	7.76	0.01	0.01	2.9	2.9		
			12:21	4.3	1.0	24.10		8.50		32.58		110.10		7.69	0.01			2.8			
	7/5/2022	Cloudy	12:21	3.2	1.0	25.60	25.60	8.59	8.59	31.99	31.99	121.80	121.80	8.30	8.30	1.06	1.04	1.8	1.8		
			12:23	3.2	1.0	25.60		8.59		31.99		121.80		8.30	1.04			1.8			
	10/5/2022	Rain	13:09	4.3	1.0	25.87	25.84	8.36	8.34	27.90	28.13	85.00	85.60	5.90	5.94	0.42	0.31	2.4	2.3		
			13:11	4.3	1.0	25.80		8.31		28.35		86.20		5.97	0.19			2.2			
	12/5/2022	Rainstrom	Sampling was cancelled due to adverse weather																		
	14/5/2022	Rain	10:02	3.8	1.0	24.70	24.70	8.27	8.28	25.64	25.65	84.70	85.45	6.08	6.14	1.23	1.31	3.0	2.8		
			10:04	3.8	1.0	24.70		8.28		25.66		86.20		6.19	1.38			2.6			
	16/5/2022	Rain	9:55	3.5	1.0	22.60	21.70	8.29	8.30	30.73	30.73	78.10	77.60	5.65	5.71	3.99	3.91	5.0	4.9		
			9:57	4.0	1.0	20.80		8.31		30.72		77.10		5.76	3.82			4.8			
	18/5/2022	Cloudy	12:23	3.5	1.0	23.70	23.70	8.46	8.45	31.34	30.97	74.20	75.20	5.25	5.34	2.39	2.13	2.5	2.6		
			12:25	3.5	1.0	23.70		8.44		30.60		76.20		5.42	1.87			2.7			
	20/5/2022	Fine	12:18	4.0	1.0	28.80	27.50	8.36	8.37	30.63	30.53	74.30	82.50	4.84	5.51	2.63	2.30	2.4	2.3		
			12:20	4.0	1.0	26.20		8.38		30.43		90.70		6.18	1.97			2.1			
	23/5/2022	Cloudy	12:20	5.1	1.0	24.60	24.60	8.56	8.56	29.36	29.43	91.00	91.90	6.41	6.47	1.03	1.32	3.3	3.2		
12:22			5.1	1.0	24.60		8.55		29.49		92.80		6.53	1.60			3.0				
25/5/2022	Rain	9:37	4.4	1.0	25.10	25.20	8.31	8.31	30.32	30.32	77.90	74.15	5.41	5.14	3.70	3.83	5.2	5.1			
		9:39	4.4	1.0	25.30		8.31		30.32		70.40		4.87	3.95			4.9				
27/5/2022	Rain	9:49	4.4	1.0	26.10	26.15	8.23	8.25	30.23	30.04	70.40	72.00	4.81	4.93	2.50	2.30	3.4	3.3			
		9:51	4.4	1.0	26.20		8.26		29.85		73.60		5.04	2.09			3.1				
31/5/2022	Rain	9:50	4.6	1.0	26.90	27.35	8.39	8.42	26.75	25.63	74.00	77.60	5.08	5.32	1.93	2.03	3.9	3.7			
		9:52	4.6	1.0	27.80		8.45		24.50		81.20		5.56	2.13			3.4				

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.



Baseline 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	3/5/2022	Sunny	9:50	4.3	1.0	21.80	22.00	8.32	8.33	32.75	32.70	109.90	103.60	7.46	7.23	2.34	3.25	3.6	3.4	
			9:52	4.3	1.0	22.20		8.34		32.65		97.30		7.00	4.16			3.1		
	5/5/2022	Sunny	9:58	4.5	1.0	23.70	23.80	8.38	8.39	32.61	32.61	106.00	103.65	7.44	7.27	4.21	4.87	3.5	3.5	
			10:00	4.5	1.0	23.90		8.39		32.60		101.30		7.09	5.53			3.4		
	7/5/2022	cloudy	9:49	3.7	1.0	24.50	24.75	8.49	8.50	32.25	32.19	99.70	106.00	6.92	7.33	1.44	1.42	1.5	1.7	
			9:51	3.7	1.0	25.00		8.50		32.13		112.30		7.73	1.40			1.8		
	10/5/2022	Rain	11:28	4.6	1.0	25.96	25.96	8.29	8.36	28.37	28.53	116.20	110.15	8.04	7.62	1.16	0.61	2.7	2.6	
			11:30	4.6	1.0	25.95		8.43		28.68		104.10		7.19	0.06			2.4		
	12/5/2022	Rainstrom	Sampling was cancelled due to adverse weather																	
	14/5/2022	Rain	12:22	4.3	1.0	24.90	24.95	8.36	8.37	25.59	25.54	77.50	80.10	5.55	5.74	1.60	1.63	<1.0	1.0	
			12:24	4.3	1.0	25.00		8.37		25.49		82.70		5.93	1.65			<1.0		
	16/5/2022	Rain	12:20	3.7	1.0	21.60	22.35	8.38	8.38	29.85	30.02	82.20	81.90	6.08	5.98	2.78	3.29	4.1	3.9	
			12:22	3.7	1.0	23.10		8.37		30.18		81.60		5.88	3.80			3.7		
	18/5/2022	Cloudy	9:58	4.0	1.0	23.30	23.50	8.32	8.33	31.05	31.04	79.90	78.85	5.70	5.61	1.60	1.65	1.6	1.7	
			10:00	4.0	1.0	23.70		8.33		31.02		77.80		5.52	1.69			1.8		
	20/5/2022	Fine	9:43	3.5	1.0	24.40	24.55	8.29	8.30	30.48	30.38	75.30	76.80	5.03	5.25	1.45	1.55	2.8	3.0	
			9:45	3.5	1.0	24.70		8.30		30.27		78.30		5.48	1.64			3.1		
	23/5/2022	Cloudy	9:42	4.6	1.0	24.80	24.80	8.42	8.43	29.21	29.25	86.60	86.75	6.08	6.09	2.89	2.69	6.6	6.4	
9:44			4.6	1.0	24.80		8.44		29.28		86.90		6.10	2.49			6.1			
25/5/2022	Rain	12:23	4.3	1.0	24.80	24.85	8.38	8.38	30.38	30.41	77.00	76.25	5.44	5.35	2.35	2.33	3.0	2.9		
		12:25	4.3	1.0	24.90		8.38		30.44		75.50		5.26	2.30			2.7			
27/5/2022	Rain	20:20	4.0	1.0	26.00	26.15	8.39	8.38	30.48	30.55	77.00	76.45	5.26	5.21	4.25	3.52	2.8	2.7		
		20:22	4.0	1.0	26.30		8.37		30.61		75.90		5.16	2.78			2.5			
31/5/2022	Rain	12:20	4.4	1.0	23.80	25.40	8.59	8.61	23.13	22.65	92.10	93.40	6.47	6.57	1.39	2.23	3.0	3.0		
		12:22	4.4	1.0	27.00		8.62		22.16		94.70		6.67	3.07			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.



Baseline 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	3/5/2022	Sunny	12:25	4.5	3.5	22.90	22.85	8.42	8.42	32.94	32.88	89.80	91.75	6.39	6.35	3.21	2.69	2.6	2.7		
			12:27	4.5	3.5	22.80		8.42		32.82		93.70		6.30		2.17		2.7			
	5/5/2022	Sunny	12:25	4.3	3.3	23.80	23.80	8.50	8.50	32.63	32.62	104.60	103.70	7.33	7.27	0.01	0.01	4.5	4.7		
			12:27	4.3	3.3	23.80		8.50		32.60		102.80		7.21		0.01		4.9			
	7/5/2022	Cloudy	12:25	3.2	2.2	24.90	24.90	8.61	8.61	32.02	32.02	129.30	129.30	8.92	8.92	1.21	1.19	2.9	3.1		
			12:27	3.2	2.2	24.90		8.61		32.02		129.30		8.92		1.16		3.2			
	10/5/2022	Rain	11:14	4.3	3.3	25.84	25.83	8.32	8.32	28.56	28.38	84.60	84.90	5.86	5.89	0.03	0.02	1.9	1.9		
			11:16	4.3	3.3	25.81		8.32		28.19		85.20		5.91		0.01		1.9			
	12/5/2022	Rainstrom	Sampling was cancelled due to adverse weather																		
	14/5/2022	Rain	10:06	3.8	2.8	24.50	24.55	8.28	8.28	26.34	26.32	84.00	83.50	6.02	5.99	1.29	1.20	1.9	1.8		
			10:08	3.8	3.0	24.60		8.28		26.30		83.00		5.95		1.10		1.7			
	16/5/2022	Rain	9:59	3.5	3.0	22.50	22.45	8.32	8.32	30.77	30.70	78.20	76.60	5.63	5.54	3.85	3.99	5.2	5.4		
			10:01	4.0	3.0	22.40		8.32		30.63		75.00		5.45		4.13		5.6			
	18/5/2022	Cloudy	12:28	3.5	2.5	23.40	23.45	8.42	8.42	31.14	31.14	75.60	75.65	5.37	5.38	2.23	4.36	3.1	3.3		
			12:30	3.5	2.5	23.50		8.41		31.14		75.70		5.39		6.48		3.4			
	20/5/2022	Fine	12:22	4.0	3.0	25.30	25.30	8.40	8.40	30.39	30.41	76.00	75.85	5.26	5.25	1.62	1.70	2.5	2.7		
			12:24	4.0	3.0	25.30		8.39		30.42		75.70		5.24		1.78		2.8			
	23/5/2022	Cloudy	12:24	5.1	4.1	24.70	24.70	8.56	8.57	29.37	29.39	90.20	85.70	6.34	6.03	1.60	1.40	3.6	3.8		
			12:26	5.1	4.1	24.70		8.57		29.40		81.20		5.71		1.20		4.0			
	25/5/2022	Rain	9:42	4.4	3.4	25.10	25.10	8.32	8.32	30.22	30.28	73.60	73.10	5.13	5.09	3.10	3.46	4.1	4.3		
9:44			4.4	3.4	25.10		8.32		30.34		72.60		5.04		3.82		4.4				
27/5/2022	Rain	9:53	4.4	3.4	26.10	26.10	8.25	8.32	30.15	29.99	70.20	71.10	4.80	4.87	1.93	1.76	5.4	5.7			
		9:55	4.4	3.4	26.10		8.38		29.82		72.00		4.93		1.58		5.9				
31/5/2022	Rain	9:56	4.6	3.6	27.20	27.05	8.44	8.43	25.82	26.23	85.90	84.10	5.91	5.91	2.03	2.03	4.8	4.6			
		9:58	4.6	3.6	26.90		8.42		26.63		82.30		-		-		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.



Baseline 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	3/5/2022	Sunny	9:55	4.3	3.3	22.30	22.30	8.35	8.36	32.67	58.89	88.90	87.00	6.39	6.26	3.54	2.82	4.1	4.0		
			9:57	4.3	3.3	22.30		8.36		32.65		85.10		6.13		2.09		3.8			
	5/5/2022	Sunny	10:02	4.5	3.5	23.70	23.70	8.41	8.41	32.83	32.71	101.20	92.50	7.10	6.67	3.54	4.32	3.2	3.2		
			10:04	4.5	3.5	23.70		8.40		32.77		83.80		6.23		5.09		3.1			
	7/5/2022	cloudy	9:55	3.7	2.7	24.25	24.38	8.52	8.52	32.17	32.19	117.90	115.90	8.18	8.04	2.01	1.96	2.3	2.2		
			9:57	3.7	2.7	24.90		8.52		32.20		113.90		7.90		1.90		2.1			
	10/5/2022	Rain	11:33	4.6	3.6	25.89	25.90	8.29	8.32	28.45	28.69	94.10	92.95	6.51	6.43	0.82	0.43	1.8	1.7		
			11:35	4.6	3.6	25.91		8.35		28.92		91.80		6.34		0.04		1.6			
	12/5/2022	Rainstrom	Sampling was cancelled due to adverse weather																		
	14/5/2022	Rain	12:26	4.3	3.3	24.90	24.90	8.38	8.38	25.61	25.53	82.60	82.75	5.91	5.93	1.50	1.55	1.4	1.5		
			12:28	4.3	3.3	24.90		8.37		25.44		82.90		5.94		1.60		1.6			
	16/5/2022	Rain	12:24	3.7	2.7	23.30	23.35	8.36	8.36	30.48	30.42	78.60	80.00	5.62	5.72	3.91	3.77	6.6	6.3		
			12:26	3.7	2.7	23.40		8.36		30.36		81.40		5.82		3.62		6.0			
	18/5/2022	Cloudy	10:02	4.0	3.0	23.70	23.70	8.34	8.34	31.04	31.03	78.50	76.90	5.56	5.43	1.81	1.71	3.1	3.3		
			10:04	4.0	3.0	23.70		8.34		31.02		75.30		5.30		1.61		3.4			
	20/5/2022	Fine	9:46	3.5	2.5	24.50	24.50	8.31	8.32	30.45	30.44	76.00	77.50	5.33	5.44	1.70	1.64	3.4	3.4		
			9:48	3.5	2.5	24.50		8.32		30.43		79.00		5.54		1.57		3.3			
	23/5/2022	Cloudy	9:46	4.6	3.6	24.80	24.80	8.46	8.47	29.18	29.23	87.50	85.65	6.14	6.02	2.98	2.89	3.7	3.9		
			9:48	4.6	3.6	24.80		8.47		29.27		83.80		5.89		2.79		4.0			
	25/5/2022	Rain	12:28	4.3	3.3	24.90	24.90	8.40	8.40	30.50	30.48	73.30	73.00	5.11	5.09	2.04	2.60	2.2	2.3		
12:30			4.3	3.3	24.90		8.39		30.46		72.70		5.06		3.16		2.4				
27/5/2022	Rain	12:25	4.0	3.0	26.00	25.95	8.38	8.38	30.48	30.49	75.10	76.25	5.13	5.21	3.29	3.04	3.2	3.3			
		12:27	4.0	3.0	25.90		8.38		30.49		77.40		5.29		2.79		3.4				
31/5/2022	Rain	12:24	4.4	3.4	27.20	27.20	8.61	8.61	23.16	23.17	88.10	88.10	6.14	6.14	1.73	1.73	5.5	5.5			
		12:26	4.4	3.4	27.20		8.61		23.18		88.10		6.14		1.73		5.4				

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.



Baseline 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	3/5/2022	Sunny	12:13	2.7	1.4	22.70	22.75	8.43	8.43	32.88	32.88	83.30	88.25	5.94	6.29	2.13	2.18	2.8	3.0		
			12:15	2.7	1.4	22.80		8.43		32.87		93.20		6.64		2.23		3.1			
	5/5/2022	Sunny	12:14	2.6	1.3	23.80	23.85	8.50	8.50	31.56	31.61	106.20	98.55	7.48	6.94	0.01	0.01	3.4	3.3		
			12:16	2.6	1.3	23.90		8.50		31.65		90.90		6.39		0.01		3.2			
	7/5/2022	Cloudy	12:16	2.9	1.5	25.00	25.05	8.59	8.59	31.99	31.98	123.00	126.30	8.48	8.70	1.39	1.41	2.6	2.8		
			12:18	2.9	1.5	25.10		8.59		31.97		129.60		8.92		1.44		3.0			
	10/5/2022	Rain	0:00	0.0	0.0	25.83	25.82	8.32	8.39	28.20	27.07	112.60	112.50	7.81	7.86	0.01	0.01	1.7	1.6		
			12:58	2.7	1.4	25.81		8.45		25.93		112.40		7.90		0.01		1.5			
	12/5/2022	Rainstrom	Sampling was cancelled due to adverse weather																		
	14/5/2022	Rain	10:10	2.7	1.4	24.60	24.60	8.30	8.30	25.61	25.61	77.20	81.40	5.55	5.85	1.20	1.37	1.9	1.8		
			10:12	2.7	1.5	24.60		8.30		25.60		85.60		6.15		1.53		1.7			
	16/5/2022	Rain	10:04	2.7	1.5	22.40	22.60	8.34	8.34	29.93	29.85	78.00	78.70	5.69	5.73	2.44	2.32	3.3	3.5		
			10:06	2.9	1.5	22.80		8.33		29.76		79.40		5.76		2.19		3.7			
	18/5/2022	Cloudy	12:16	2.7	1.4	24.80	24.80	8.37	8.38	31.06	31.08	76.70	77.50	5.32	5.38	1.84	2.12	2.9	3.1		
			12:18	2.7	1.4	24.80		8.38		31.09		78.30		5.44		2.39		3.2			
	20/5/2022	Fine	12:13	2.8	1.4	26.20	26.15	8.37	8.37	30.52	30.50	86.60	82.65	5.89	5.63	1.98	1.74	4.2	4.1		
			12:15	2.8	1.4	26.10		8.37		30.48		78.70		5.36		1.50		4.0			
	23/5/2022	Cloudy	12:16	2.6	1.3	24.60	24.45	8.61	8.61	28.31	28.31	85.50	82.45	6.08	5.87	1.79	1.89	4.4	4.7		
			12:18	2.6	1.3	24.30		8.60		28.30		79.40		5.65		1.99		4.9			
	25/5/2022	Rain	9:48	2.8	1.4	25.40	25.40	8.34	8.34	29.13	29.14	75.00	74.85	5.21	5.21	4.96	5.09	4.4	4.6		
9:50			2.8	1.4	25.40		8.33		29.15		74.70		5.20		5.22		4.7				
27/5/2022	Rain	9:58	2.9	1.5	26.10	26.10	8.33	8.32	30.18	30.09	82.40	81.35	5.62	5.56	3.11	2.53	2.7	2.9			
		10:00	2.9	1.5	26.10		8.31		29.99		80.30		5.49		1.94		3.1				
31/5/2022	Rain	10:02	2.9	1.5	27.30	27.65	8.50	8.49	24.82	24.86	80.40	80.45	5.54	5.52	1.54	1.79	3.4	3.5			
		10:04	2.9	1.5	28.00		8.48		24.80		80.50		5.49		2.03		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.



Baseline 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	3/5/2022	Sunny	10:02	2.6	1.3	21.70	21.90	8.34	8.34	32.67	32.62	82.80	81.80	6.01	5.93	4.13	3.79	2.3	2.4		
			10:04	2.6	1.3	22.10		8.34		32.57		80.80		5.84		3.44		2.5			
	5/5/2022	Sunny	10:06	2.7	1.4	23.90	23.85	8.42	8.42	32.60	28.08	100.40	105.40	7.03	7.39	4.59	4.19	5.9	6.1		
			10:08	2.7	1.4	23.80		8.41		32.90		110.40		7.74		3.79		6.2			
	7/5/2022	cloudy	10:00	2.7	1.4	24.90	24.90	8.50	8.50	32.16	32.16	92.20	87.65	6.35	6.04	1.20	1.19	2.8	2.9		
			10:02	2.7	1.4	24.90		8.50		32.15		83.10		5.73		1.17		3.0			
	10/5/2022	Rain	11:37	2.7	1.4	26.02	26.01	8.27	8.28	28.32	28.50	104.40	103.05	7.22	7.12	0.10	0.18	2.6	2.5		
			11:39	2.7	1.4	26.00		8.28		28.67		101.70		7.02		0.26		2.4			
	12/5/2022	Rainstrom	Sampling was cancelled due to adverse weather																		
	14/5/2022	Rain	12:17	2.7	1.4	24.60	24.60	8.29	8.29	29.65	29.72	77.80	75.00	5.47	5.27	3.70	3.47	1.2	1.4		
			12:19	2.7	1.4	24.60		8.28		29.78		72.20		5.07		3.24		1.5			
	16/5/2022	Rain	12:16	2.6	1.3	23.00	22.95	8.39	8.39	29.43	29.47	80.30	80.15	5.85	5.83	2.11	2.15	3.6	3.3		
			12:18	2.6	1.3	22.90		8.39		29.51		80.00		5.80		2.19		3.0			
	18/5/2022	Cloudy	10:06	2.8	1.4	23.30	23.10	8.34	8.34	31.14	31.11	73.90	76.45	5.27	5.47	2.17	2.11	2.8	3.0		
			10:08	2.8	1.4	22.90		8.34		31.08		79.00		5.67		2.05		3.1			
	20/5/2022	Fine	9:51	2.3	1.2	24.70	24.65	8.31	8.32	30.40	30.44	81.60	83.25	5.70	5.82	1.61	1.60	4.2	4.0		
			9:53	2.3	1.2	24.60		8.32		30.48		84.90		5.94		1.59		3.8			
	23/5/2022	Cloudy	9:50	2.3	1.2	25.00	25.05	8.51	8.52	28.26	28.27	81.70	81.45	5.74	5.72	1.96	1.96	2.8	3.0		
			9:52	2.3	1.2	25.10		8.53		28.27		81.20		5.70		1.95		3.2			
	25/5/2022	Rain	12:16	2.5	1.3	25.00	25.00	8.42	8.42	28.40	28.42	72.90	71.80	5.13	5.05	2.99	3.39	3.6	3.5		
12:18			2.5	1.3	25.00		8.42		28.44		70.70		4.97		3.79		3.3				
27/5/2022	Rain	12:16	2.5	1.3	26.10	26.10	8.42	8.42	30.34	30.35	76.30	76.75	5.21	5.24	1.95	1.97	1.9	1.8			
		12:18	2.5	1.3	26.10		8.42		30.35		77.20		5.27		1.99		1.6				
31/5/2022	Rain	12:16	2.7	1.4	25.80	25.85	8.58	8.59	25.00	25.00	75.90	80.05	5.36	5.66	6.33	6.33	3.9	3.8			
		12:18	2.7	1.4	25.90		8.59		24.99		84.20		5.95		6.33		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.



Baseline 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	3/5/2022	Sunny	12:10	2.7	1.4	23.50	23.30	8.46	8.45	32.76	32.80	89.40	90.40	6.29	6.39	2.18	2.28	2.6	2.5		
			12:12	2.7	1.4	23.10		8.44		32.84		91.40		6.48		2.33		2.4			
	5/5/2022	Sunny	12:12	2.7	1.4	23.70	24.00	8.35	8.30	32.44	32.46	104.30	102.95	7.33	7.20	0.01	0.01	3.0	3.3		
			12:14	2.7	1.4	24.30		8.25		32.48		101.60		7.07		0.01		3.5			
	7/5/2022	Cloudy	12:12	2.6	1.3	25.00	25.40	8.57	8.57	31.88	31.89	108.10	110.80	7.46	7.59	1.66	1.71	3.2	3.2		
			12:14	2.6	1.3	25.80		8.57		31.89		113.50		7.71		1.71		3.1			
	10/5/2022	Rain	0:00	0.0	0.0	25.91	25.91	8.36	8.35	28.19	28.41	89.60	87.00	6.21	6.02	0.01	0.01	2.2	2.3		
			12:41	2.9	1.5	25.91		8.33		28.63		84.40		5.83		0.01		2.4			
	12/5/2022	Rainstrom	Sampling was cancelled due to adverse weather																		
	14/5/2022	Rain	10:15	2.7	1.4	24.80	24.80	8.30	8.30	26.34	26.36	80.70	81.85	5.77	5.85	1.23	1.36	1.4	1.5		
			10:17	2.7	1.4	24.80		8.30		26.38		83.00		5.93		1.49		1.5			
	16/5/2022	Rain	10:09	2.8	1.4	22.30	22.70	8.34	8.34	29.74	29.69	81.00	80.75	5.92	5.87	1.99	1.85	2.8	3.1		
			10:11	2.7	1.4	23.10		8.33		29.63		80.50		5.81		1.71		3.3			
	18/5/2022	Cloudy	12:12	2.8	1.4	24.10	24.20	8.38	8.38	31.16	31.11	72.60	76.90	5.11	5.40	1.93	2.16	3.5	3.7		
			12:14	2.8	1.4	24.30		8.38		31.05		81.20		5.68		2.39		3.9			
	20/5/2022	Fine	12:12	2.7	1.4	24.60	24.70	8.33	8.33	30.40	30.40	80.50	81.45	5.63	5.69	1.60	1.55	3.5	3.7		
			12:14	2.7	1.4	24.80		8.33		30.39		82.40		5.74		1.50		3.8			
	23/5/2022	Cloudy	12:12	2.7	1.4	24.40	24.40	8.60	8.61	28.50	28.48	84.80	81.65	6.03	5.81	1.29	1.60	3.6	3.8		
			12:14	2.7	1.4	24.40		8.61		28.46		78.50		5.58		1.90		4.0			
	25/5/2022	Rain	9:55	2.8	1.4	25.00	25.00	8.36	8.37	29.64	29.62	74.80	74.15	5.22	5.18	2.02	2.52	4.3	4.2		
			9:57	2.8	1.4	25.00		8.37		29.60		73.50		5.13		3.01		4.0			
	27/5/2022	Rain	10:02	2.7	1.4	26.20	26.20	8.36	8.36	29.90	29.96	75.00	74.40	5.12	5.08	2.08	2.04	2.4	2.3		
			10:04	2.7	1.4	26.20		8.35		30.02		73.80		5.04		1.99		2.2			
	31/5/2022	Rain	10:13	2.7	1.4	27.60	27.55	8.53	8.53	24.90	24.98	88.00	85.60	6.03	5.87	1.44	1.43	3.5	3.3		
10:15			2.7	1.4	27.90		8.52		25.06		83.20		5.71		1.41		3.1				

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.



Baseline 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	3/5/2022	Sunny	10:07	2.6	1.3	22.30	22.40	8.35	8.35	32.99	32.89	76.60	86.90	5.50	6.23	3.64	3.67	3.4	3.6		
			10:09	2.6	1.3	22.50		8.34		32.79		97.20		6.96		3.70		3.8			
	5/5/2022	Sunny	10:10	2.4	1.2	23.60	23.70	8.43	8.43	32.61	32.56	80.30	84.25	5.64	5.89	4.22	3.95	2.6	2.7		
			10:12	2.4	1.2	23.80		8.43		32.50		88.20		6.13		3.68		2.8			
	7/5/2022	cloudy	10:05	2.4	1.2	24.90	24.50	8.56	8.55	31.81	31.80	108.10	110.10	7.51	7.66	2.26	2.30	2.4	2.3		
			10:07	2.4	1.2	24.90		8.54		31.79		112.10		7.80		2.33		2.1			
	10/5/2022	Rain	11:42	2.7	1.4	25.93	25.95	8.28	8.32	28.48	28.36	83.30	86.90	5.76	6.01	0.01	0.47	2.4	2.3		
			11:44	2.7	1.4	25.96		8.35		28.24		90.50		6.26		0.93		2.2			
	12/5/2022	Rainstrom	Sampling was cancelled due to adverse weather																		
	14/5/2022	Rain	12:12	2.6	1.3	24.70	24.65	8.38	8.38	24.30	24.30	79.50	78.25	5.76	5.67	1.23	1.23	1.2	1.3		
			12:14	2.6	1.3	24.60		8.37		24.30		77.00		5.57		1.23		1.4			
	16/5/2022	Rain	12:12	2.4	1.2	22.50	21.80	8.40	8.40	29.25	29.64	85.50	84.30	6.24	6.23	2.18	2.19	2.8	2.9		
			12:14	2.4	1.2	21.10		8.40		30.03		83.10		6.21		2.19		3.0			
	18/5/2022	Cloudy	10:11	2.6	1.3	22.70	24.10	8.34	8.34	31.21	30.90	65.20	68.30	4.70	4.81	1.91	2.31	3.2	3.4		
			10:13	2.6	1.3	25.50		8.34		30.59		71.40		4.92		2.71		3.6			
	20/5/2022	Fine	9:56	2.3	1.2	24.60	24.70	8.33	8.33	30.40	30.40	80.50	81.45	5.63	5.69	1.60	1.55	4.4	4.2		
			9:58	2.3	1.2	24.80		8.33		30.39		82.40		5.74		1.50		3.9			
	23/5/2022	Cloudy	9:56	2.5	1.3	24.90	24.95	8.55	8.55	28.41	28.41	82.40	82.90	5.80	5.84	2.15	2.25	4.5	4.3		
			9:58	2.5	1.3	25.00		8.54		28.41		83.40		5.87		2.35		4.0			
	25/5/2022	Rain	12:12	2.5	1.3	24.90	24.90	8.38	8.39	30.19	30.19	76.00	76.30	5.30	5.32	2.39	2.51	4.5	4.7		
			12:14	2.5	1.3	24.90		8.39		30.19		76.60		5.34		2.62		4.8			
	27/5/2022	Rain	12:12	2.5	1.3	26.10	26.10	8.42	8.42	29.83	29.84	79.10	78.85	5.42	5.40	3.00	2.32	1.5	1.4		
			12:14	2.5	1.3	26.10		8.42		29.85		78.60		5.38		1.64		1.2			
	31/5/2022	Rain	12:12	2.4	1.2	25.90	25.90	8.58	8.56	24.80	24.57	87.60	87.95	6.19	6.22	1.68	1.84	2.7	2.9		
12:14			2.4	1.2	25.90		8.54		24.34		88.30		6.24		1.99		3.1				

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.

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

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth		Temperature		pH		Salinity		DO Saturation		DO		Turbidity		SS		
				m	m	°C		-		ppt		%		mg/L		NTU		mg/L		
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value
SR15	3/5/2022	Sunny	12:59	2.8	1.4	22.90	23.10	8.40	8.40	32.77	28.30	84.30	85.10	6.00	6.03	5.49	5.08	#N/A	1.0	
			13:01	2.8	1.4	23.30		8.40		23.83		85.90		6.06		4.66		#N/A		
	5/5/2022	Sunny	12:58	2.5	1.3	24.50	24.20	8.52	8.52	32.55	32.57	109.60	108.05	7.60	7.53	0.01	0.01	7.6	7.7	
			13:00	2.5	1.3	23.90		8.52		32.58		106.50		7.45		0.01		7.8		
	7/5/2022	Cloudy	13:00	2.6	1.3	24.90	24.90	8.61	8.62	32.36	32.28	112.70	108.95	7.76	7.51	1.69	1.69	3.1	2.9	
			13:02	2.6	1.3	24.90		8.62		32.19		105.20		7.25		1.68		2.7		
	10/5/2022	Rain	13:49	2.8	1.4	26.44	26.48	8.36	8.36	29.00	29.01	87.60	87.00	5.99	5.95	0.27	0.57	2.3	2.2	
			13:51	2.8	1.4	26.51		8.36		29.01		86.40		5.90		0.87		2.1		
	12/5/2022	Rainstrom	Sampling was cancelled due to adverse weather																	
	14/5/2022	Rain	9:25	2.8	1.4	24.30	24.35	8.07	8.05	26.37	26.39	75.50	78.00	5.43	5.58	1.63	1.37	<1.0	<1.0	1.0
			9:27	2.8	1.4	24.40		8.03		26.40		80.50		5.73		1.10				
	16/5/2022	Rain	9:19	2.6	1.3	23.30	23.15	8.07	8.06	30.88	30.82	65.80	67.30	4.69	4.82	6.66	6.04	5.4	5.0	5.2
			9:21	2.6	1.3	23.00		8.05		30.76		68.80		4.94		5.42		5.0		
	18/5/2022	Cloudy	13:00	2.7	1.4	23.70	23.90	8.41	8.41	31.54	31.50	75.80	73.65	5.35	5.19	3.69	3.60	3.6	4.0	3.8
			13:02	2.7	1.4	24.10		8.41		31.45		71.50		5.02		3.51		4.0		
	20/5/2022	Fine	12:55	2.5	1.3	25.90	25.65	8.45	8.45	30.24	30.28	83.10	83.05	5.69	5.71	1.50	1.56	3.0	3.3	3.3
			12:57	2.5	1.3	25.40		8.44		30.31		83.00		5.73		1.61		3.5		
	23/5/2022	Cloudy	13:02	2.6	1.3	24.70	24.75	8.52	8.52	29.44	29.44	84.70	84.55	5.94	5.93	1.14	1.26	2.6	2.8	2.8
13:04			2.6	1.3	24.80	8.52		29.43		84.40		5.92		1.38		3.0				
25/5/2022	Rain	8:47	2.8	1.4	24.70	24.65	8.12	8.09	30.51	30.49	78.70	76.75	5.50	5.37	0.40	0.59	1.2	1.3	1.3	
		8:49	2.8	1.4	24.60		8.06		30.47		74.80		5.24		0.78		1.3			
27/5/2022	Rain	9:14	2.8	1.4	26.10	26.10	7.97	8.01	29.71	29.69	77.10	75.45	5.28	5.17	1.99	2.00	7.2	7.0	7.0	
		9:16	2.8	1.4	26.10		8.05		29.66		73.80		5.05		2.00		6.8			
31/5/2022	Rain	9:12	2.8	1.4	27.20	27.30	8.13	8.14	22.76	23.95	93.40	94.30	6.53	6.54	1.36	2.38	3.8	4.0	4.0	
		9:14	2.8	1.4	27.40		8.14		25.13		95.20		6.55		3.39		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.

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

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth		Temperature		pH		Salinity		DO Saturation		DO		Turbidity		SS		
				m	m	°C		-		ppt		%		mg/L		NTU		mg/L		
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value
SR15	3/5/2022	Sunny	9:18	2.6	1.3	22.30	22.45	8.16	8.17	32.85	32.82	77.60	80.35	5.57	5.76	5.62	5.07	3.9	4.1	4.1
			9:20	2.6	1.3	22.60		8.18		32.79		83.10		5.94		4.52		4.2		
	5/5/2022	Sunny	9:25	2.6	1.3	23.60	23.60	8.27	8.24	32.65	32.65	100.10	95.70	7.04	6.73	2.59	2.39	3.5	3.7	3.7
			9:27	2.6	1.3	23.60		8.21		32.64		91.30		6.42		2.18		3.9		
	7/5/2022	cloudy	9:14	2.6	1.3	24.60	24.65	8.42	8.43	32.45	32.44	95.40	103.25	6.60	7.14	1.99	2.03	3.3	3.5	3.5
			9:16	2.6	1.3	24.70		8.44		32.42		111.10		7.67		2.01		3.7		
	10/5/2022	Rain	10:42	2.6	1.3	26.22	26.25	8.72	8.77	29.29	29.11	81.50	82.30	8.72	7.21	0.30	0.16	2.2	2.4	2.4
			10:44	2.6	1.3	26.28		8.81		28.92		83.10		5.70		0.01		2.6		
	12/5/2022	Rainstrom	Sampling was cancelled due to adverse weather																	
	14/5/2022	Rain	13:08	2.8	1.4	24.70	24.70	8.39	8.39	25.94	25.91	83.60	84.40	5.99	6.05	0.79	1.15	<1.0	<1.0	1.0
			13:10	2.8	1.4	24.70		8.39		25.88		85.20		6.11		1.50		<1.0		
	16/5/2022	Rain	13:00	2.7	1.4	23.30	23.25	8.29	8.29	31.05	31.10	73.00	71.35	5.21	5.09	6.06	6.06	6.2	6.5	6.5
			13:02	2.7	1.4	23.20		8.28		31.14		69.70		4.97		6.05		6.8		
	18/5/2022	Cloudy	9:20	2.8	1.4	23.20	23.35	8.12	8.15	31.60	31.68	76.90	76.40	5.48	5.43	4.85	4.83	2.6	2.7	2.7
			9:22	2.8	1.4	23.50		8.17		31.76		75.90		5.37		4.81		2.8		
	20/5/2022	Fine	9:07	2.4	1.2	24.80	24.95	8.05	8.08	30.71	30.64	76.20	75.40	5.31	5.25	1.99	1.88	2.7	2.9	2.9
			9:09	2.4	1.2	25.10		8.11		30.56		74.60		5.18		1.76		3.0		
	23/5/2022	Cloudy	9:05	2.3	1.2	24.60	24.60	8.09	8.14	29.27	29.36	90.50	90.15	6.38	6.36	0.78	1.37	3.6	3.4	3.4
9:07			2.3	1.2	24.60	8.19		29.45		89.80		6.33		1.95		3.2				
25/5/2022	Rain	13:05	2.6	1.3	25.10	25.05	8.40	8.41	30.31	30.28	73.00	72.60	5.07	5.05	1.39	1.62	1.3	1.2	1.2	
		13:07	2.6	1.3	25.00		8.41		30.25		72.20		5.02		1.84		1.1			
27/5/2022	Rain	13:00	2.5	1.3	26.20	26.20	8.48	8.48	29.89	29.88	74.00	74.80	5.05	5.11	1.65	1.82	3.6	3.8	3.8	
		13:02	2.5	1.3	26.20		8.48		29.87		75.60		5.16		1.99		3.9			
31/5/2022	Rain	13:00	2.4	1.2	27.10	27.10	8.65	8.64	22.00	172.05	83.30	86.25	5.86	6.03	8.03	5.03	2.2	2.3	2.3	
		13:02	2.4	1.2	27.10		8.62		322.10		89.20		6.20		2.02		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.



Baseline 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	3/5/2022	Sunny	12:00	8.6	1.0	22.90	23.10	8.42	8.43	32.84	32.72	74.50	85.90	5.30	6.09	1.65	2.14	4.8	4.6		
			12:02	8.6	1.0	23.30		8.44		32.59		97.30		6.88		2.62		4.3			
	5/5/2022	Sunny	12:00	8.6	1.0	23.80	23.85	8.50	8.51	32.81	32.58	103.30	604.95	7.23	7.70	0.01	0.01	2.6	2.6		
			12:02	8.6	1.0	23.90		8.51		32.35		1,106.60		8.17		0.01		2.5			
	7/5/2022	Cloudy	12:00	8.4	1.0	25.30	25.25	8.56	8.57	32.04	32.04	130.60	137.20	8.94	9.41	1.22	1.20	4.3	4.4		
			12:02	8.4	1.0	25.20		8.57		32.04		143.80		9.88		1.21		4.5			
	10/5/2022	Rain	11:55	8.4	1.0	25.97	25.98	8.33	8.33	28.75	28.76	88.30	88.20	6.09	6.09	0.01	0.01	2.3	2.4		
			11:57	8.4	1.0	25.98		8.33		28.77		88.10		6.08		0.01		2.5			
	12/5/2022	Rainstrom	Sampling was cancelled due to adverse weather																		
	14/5/2022	Rain	10:24	8.5	1.0	24.60	24.60	8.34	8.34	22.89	22.85	90.00	85.80	6.58	6.28	1.06	1.08	1.4	1.5		
			10:26	8.5	1.0	24.60		8.34		22.80		81.60		5.97		1.10		1.6			
	16/5/2022	Rain	10:17	8.6	1.0	22.80	22.85	8.34	8.35	29.86	29.92	75.70	75.70	5.48	5.48	2.36	2.46	4.2	4.1		
			10:19	8.6	1.0	22.90		8.35		29.98		75.70		5.48		2.55		3.9			
	18/5/2022	Cloudy	12:00	8.3	1.0	23.00	22.95	8.40	8.40	31.45	31.32	76.10	79.80	5.44	5.72	2.98	2.87	2.6	2.8		
			12:02	8.3	1.0	22.90		8.40		31.19		83.50		6.00		2.76		3.0			
	20/5/2022	Fine	12:00	8.2	1.0	25.50	25.45	8.35	8.35	28.96	29.72	81.80	80.85	5.69	5.60	2.77	2.87	3.8	4.0		
			12:02	8.2	1.0	25.40		8.34		30.47		79.90		5.51		2.97		4.2			
	23/5/2022	Cloudy	12:00	8.7	1.0	24.40	24.55	8.51	8.53	29.32	29.38	86.90	86.25	6.16	6.10	1.00	1.31	2.8	2.8		
			12:02	8.7	1.0	24.70		8.54		29.43		85.60		6.04		1.61		2.8			
	25/5/2022	Rain	10:04	8.1	1.0	25.00	25.00	8.37	8.38	30.13	30.17	72.60	71.10	5.06	4.95	1.99	2.19	2.5	2.7		
10:06			8.1	1.0	25.00	8.38		30.20		69.60		4.84		2.38		2.8					
27/5/2022	Rain	10:13	8.6	1.0	26.10	26.10	8.38	8.39	30.18	30.09	78.10	78.40	5.34	5.36	1.25	1.49	1.4	1.6			
		10:15	8.6	1.0	26.10		8.39		30.00		78.70		5.38		1.72		1.7				
31/5/2022	Rain	10:21	8.7	1.0	28.70	28.10	8.51	8.51	24.15	25.09	65.74	78.27	4.44	5.33	1.86	1.79	3.6	3.5			
		10:23	8.7	1.0	27.50		8.51		26.02		90.80		6.21		1.71		3.4				

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.



Baseline 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	3/5/2022	Sunny	10:12	8.5	1.0	22.30	22.30	8.37	8.38	32.98	32.96	66.60	77.65	4.79	5.58	2.60	3.77	2.3	2.4		
			10:14	8.5	1.0	22.30		8.38		32.94		88.70		6.37		4.94		2.5			
	5/5/2022	Sunny	10:16	8.5	1.0	23.50	23.55	8.45	8.46	32.52	32.56	103.10	98.70	7.27	6.96	2.76	3.28	2.5	2.4		
			10:18	8.5	1.0	23.60		8.46		32.60		94.30		6.64		3.79		2.2			
	7/5/2022	cloudy	10:13	8.3	1.0	24.50	24.60	8.55	8.56	31.90	31.90	106.30	109.05	7.41	7.58	1.25	1.22	2.2	2.3		
			10:15	8.3	1.0	24.70		8.56		31.89		111.80		7.74		1.24		2.4			
	10/5/2022	Rain	11:42	8.4	1.0	26.00	25.99	8.29	8.34	28.61	28.50	78.40	83.15	5.41	5.75	0.01	0.30	<1.0	1.0		
			11:44	8.4	1.0	25.98		8.38		28.38		87.90		6.08		0.58		<1.0			
	12/5/2022	Rainstrom	Sampling was cancelled due to adverse weather																		
	14/5/2022	Rain	12:00	8.4	1.0	24.50	24.50	8.34	8.34	25.53	25.58	82.60	81.80	5.95	5.89	1.10	1.15	1.6	1.8		
			12:02	8.4	1.0	24.50		8.34		25.63		81.00		5.83		1.20		1.9			
	16/5/2022	Rain	12:00	8.4	1.0	21.10	21.70	8.40	8.40	26.79	27.28	84.40	80.40	6.43	6.04	3.42	2.96	3.7	3.8		
			12:02	8.4	1.0	22.30		8.39		27.77		76.40		5.65		2.49		3.9			
	18/5/2022	Cloudy	10:22	8.4	1.0	22.90	23.00	8.36	8.37	31.11	31.10	78.70	78.90	5.65	5.66	1.61	1.91	1.8	1.8		
			10:24	8.4	1.0	23.10		8.37		31.09		79.10		5.66		2.20		1.8			
	20/5/2022	Fine	10:07	8.2	1.0	25.50	25.45	8.35	8.35	28.96	29.72	81.80	80.85	5.69	5.60	2.77	2.87	3.0	3.2		
			10:09	8.2	1.0	25.40		8.34		30.47		79.90		5.51		2.97		3.3			
	23/5/2022	Cloudy	10:17	8.4	1.0	24.60	24.60	8.52	8.53	29.22	29.25	87.30	87.45	6.16	6.17	0.92	0.91	1.8	1.8		
			10:19	8.4	1.0	24.60		8.54		29.28		87.60		6.17		0.89		1.7			
	25/5/2022	Rain	12:00	8.3	1.0	-	24.70	-	8.37	-	30.77	-	75.20	-	5.24	-	1.98	2.2	2.4		
12:02			8.3	1.0	24.70	8.37		30.77		75.20		5.24		1.98		2.5					
27/5/2022	Rain	12:00	8.3	1.0	25.80	25.90	8.38	8.38	30.65	30.64	75.90	77.00	5.19	5.26	2.17	2.37	2.2	2.3			
		12:02	8.3	1.0	26.00		8.38		30.62		78.10		5.32		2.56		2.4				
31/5/2022	Rain	12:00	8.4	1.0	26.50	26.60	8.54	8.57	25.48	24.15	98.50	95.05	6.87	6.66	3.47	3.26	3.0	3.3			
		12:02	8.4	1.0	26.70		8.60		22.82		91.60		6.45		3.05		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.

Baseline 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
						CE	3/5/2022	Sunny	12:04	8.6	4.3	22.70	22.70	8.44	8.44	32.65	32.67	84.40	94.60	6.03	6.76
12:06	8.6	4.3	22.70	22.70	8.44				8.44	32.68	32.67	104.80	94.60	7.49	6.76	8.85	4.97	3.7	3.5		
5/5/2022	Sunny	12:04	8.6	4.3	23.70		23.70	8.51	8.51	32.68	32.68	120.30	112.70	8.45	7.91	0.01	0.01	2.0	2.2		
		12:06	8.6	4.3	23.70		23.70	8.51	8.51	32.68	32.68	105.10	112.70	7.36	7.91	0.01	0.01	2.3	2.2		
7/5/2022	Cloudy	12:04	8.4	4.2	24.90		24.90	8.59	8.59	32.05	32.05	140.20	140.20	9.67	9.67	1.40	1.37	3.9	3.8		
		12:06	8.4	4.2	24.90		24.90	8.59	8.59	32.05	32.05	140.20	140.20	9.67	9.67	1.35	1.37	3.6	3.8		
10/5/2022	Rain	12:00	8.4	4.2	25.93		25.93	8.33	8.33	28.76	28.76	86.70	86.90	5.99	6.01	0.01	0.01	1.5	1.6		
		12:02	8.4	4.2	25.92		25.92	8.32	8.33	28.61	28.69	87.10	86.90	6.02	6.01	0.01	0.01	1.7	1.6		
12/5/2022	Rainstrom	Sampling was cancelled due to adverse weather																			
14/5/2022	Rain	10:28	8.5	4.3	24.60		24.60	8.31	8.31	26.33	26.27	78.20	78.90	5.61	5.66	1.29	1.24	1.2	1.2		
		10:30	8.5	4.3	24.60		24.60	8.30	8.31	26.21	26.27	79.60	78.90	5.71	5.66	1.19	1.24	1.2	1.2		
16/5/2022	Rain	10:22	8.6	4.3	22.90		22.95	8.35	8.35	29.94	29.95	75.00	76.05	5.43	5.50	2.13	2.38	5.9	6.1		
		10:24	8.6	4.3	23.00		22.95	8.35	8.35	29.96	29.95	77.10	76.05	5.57	5.50	2.62	2.38	6.3	6.1		
18/5/2022	Cloudy	12:04	8.3	4.2	22.90		23.00	8.40	8.40	31.16	31.14	78.40	529.80	5.63	5.72	1.99	1.95	4.6	4.5		
		12:06	8.3	4.2	23.10		23.00	8.39	8.40	31.12	31.14	981.20	529.80	5.80	5.72	1.90	1.95	4.3	4.5		
20/5/2022	Fine	12:04	8.2	4.1	25.00		24.95	8.36	8.36	30.61	30.62	86.70	84.90	6.02	5.90	2.18	2.69	3.4	3.6		
		12:06	8.2	4.1	24.90		24.95	8.36	8.36	30.63	30.62	83.10	84.90	5.78	5.90	3.19	2.69	3.7	3.6		
23/5/2022	Cloudy	12:04	8.7	4.4	24.70		24.70	8.56	8.56	29.52	29.51	86.40	86.80	6.07	6.10	0.74	0.92	3.4	3.3		
		12:06	8.7	4.4	24.70		24.70	8.55	8.56	29.49	29.51	87.20	86.80	6.13	6.10	1.10	0.92	3.2	3.3		
25/5/2022	Rain	10:10	8.1	4.1	25.00		25.00	8.38	8.39	30.31	30.32	74.50	73.15	5.18	5.09	1.99	2.60	2.2	2.3		
		10:12	8.1	4.1	25.00	25.00	8.39	8.39	30.32	30.32	71.80	73.15	5.00	5.09	3.21	2.60	2.4	2.3			
27/5/2022	Rain	10:17	8.6	4.3	26.10	26.10	8.40	8.40	30.02	30.00	81.50	81.10	5.57	5.55	2.71	2.31	2.8	2.7			
		10:19	8.6	4.3	26.10	26.10	8.40	8.40	29.98	30.00	80.70	81.10	5.52	5.55	1.90	2.31	2.5	2.7			
31/5/2022	Rain	10:25	8.7	4.4	26.60	26.75	8.44	8.44	28.57	28.22	79.90	80.75	5.46	5.52	1.64	1.48	3.3	3.2			
		10:27	8.7	4.4	26.90	26.75	8.44	8.44	27.86	28.22	81.60	80.75	5.57	5.52	1.31	1.48	3.0	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.

Baseline 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
						CE	3/5/2022	Sunny	10:16	8.5	4.3	22.40	22.35	8.38	8.39	32.93	32.94	88.70	91.25	6.36	6.55
10:18	8.5	4.3	22.30	22.35	8.39				8.39	32.94	32.94	93.80	91.25	6.73	6.55	3.20	3.66	3.0	2.9		
5/5/2022	Sunny	10:20	8.5	4.3	23.50		23.50	8.46	8.46	23.69	28.17	111.30	108.45	7.84	7.64	2.87	2.53	2.7	2.9		
		10:22	8.5	4.3	23.50		23.50	8.46	8.46	32.65	28.17	105.60	108.45	7.44	7.64	2.19	2.53	3.0	2.9		
7/5/2022	cloudy	10:20	8.3	4.2	24.70		24.75	8.56	8.56	31.97	31.96	126.10	126.95	8.73	8.79	1.42	1.36	2.7	2.9		
		10:22	8.3	4.2	24.80		24.75	8.56	8.56	31.95	31.96	127.80	126.95	8.84	8.79	1.28	1.36	3.0	2.9		
10/5/2022	Rain	11:46	8.4	4.2	25.91		25.91	8.30	8.30	28.01	28.01	106.20	110.15	7.36	7.63	0.01	0.01	1.5	1.7		
		11:48	8.4	4.2	25.90		25.91	8.29	8.30	28.45	28.01	114.10	110.15	7.90	7.63	0.01	0.01	1.9	1.7		
12/5/2022	Rainstrom	Sampling was cancelled due to adverse weather																			
14/5/2022	Rain	12:04	8.4	4.2	24.40		24.35	8.26	8.24	29.59	30.77	69.10	67.00	4.87	4.70	8.29	7.79	2.5	2.6		
		12:06	8.4	4.2	24.30		24.35	8.22	8.24	31.94	30.77	64.90	67.00	4.52	4.70	7.29	7.79	2.7	2.6		
16/5/2022	Rain	12:04	8.4	4.2	23.00		22.95	8.37	8.37	29.76	29.71	78.10	76.85	5.65	5.57	2.41	2.02	2.7	2.9		
		12:06	8.4	4.2	22.90		22.95	8.37	8.37	29.65	29.71	75.60	76.85	5.48	5.57	1.63	2.02	3.1	2.9		
18/5/2022	Cloudy	10:26	8.4	4.2	23.00		23.00	8.37	8.37	31.07	31.07	76.90	75.55	5.51	5.42	2.09	1.89	2.2	2.3		
		10:28	8.4	4.2	23.00		23.00	8.37	8.37	31.06	31.07	74.20	75.55	5.32	5.42	1.69	1.89	2.4	2.3		
20/5/2022	Fine	10:12	8.2	4.1	25.00		24.95	8.36	8.36	30.61	30.62	86.70	84.90	6.02	5.90	2.18	2.69	3.8	3.9		
		10:14	8.2	4.1	24.90		24.95	8.36	8.36	30.63	30.62	83.10	84.90	5.78	5.90	3.19	2.69	4.0	3.9		
23/5/2022	Cloudy	10:22	8.4	4.2	24.60		24.60	8.56	8.56	29.29	29.28	88.20	86.30	6.22	6.08	1.10	1.11	2.4	2.3		
		10:24	8.4	4.2	24.60		24.60	8.55	8.56	29.27	29.28	84.40	86.30	5.94	6.08	1.12	1.11	2.2	2.3		
25/5/2022	Rain	12:04	8.3	4.2	24.70		24.70	8.36	8.35	31.20	31.27	73.40	71.65	5.11	4.99	9.72	8.25	5.0	5.2		
		12:06	8.3	4.2	24.70	24.70	8.34	8.35	31.34	31.27	69.90	71.65	4.86	4.99	6.77	8.25	5.4	5.2			
27/5/2022	Rain	12:04	8.3	4.2	25.80	25.80	8.39	8.40	30.62	30.60	79.70	77.40	5.46	5.30	2.56	2.66	3.2	3.4			
		12:06	8.3	4.2	25.80	25.80	8.41	8.40	30.57	30.60	75.10	77.40	5.14	5.30	2.76	2.66	3.5	3.4			
31/5/2022	Rain	12:04	8.4	4.2	26.10	26.55	8.43	8.52	29.11	26.27	87.80	88.75	6.04	6.16	3.85	2.75	5.1	5.3			
		12:06	8.4	4.2	27.00	26.55	8.61	8.52	23.42	26.27	89.70	88.75	6.27	6.16	1.64	2.75	5.4	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.

Baseline 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	3/5/2022	Sunny	12:06	8.6	7.6	22.60	22.60	8.44	8.44	32.67	32.68	95.40	95.50	6.82	6.83	3.61	3.11	2.6	2.8			
			12:08	8.6	7.6	22.60	22.60	8.44	8.44	32.68	32.68	95.60	95.60	6.84	6.83	2.61	3.11	2.9	2.8			
	5/5/2022	Sunny	12:08	8.6	7.6	23.60	23.60	8.51	8.52	32.65	32.65	116.60	118.10	8.19	8.30	0.01	0.01	1.7	1.6			
			12:10	8.6	7.6	23.60	23.60	8.52	8.52	32.64	32.64	119.60	118.10	8.40	8.30	0.01	0.01	1.4	1.6			
	7/5/2022	Cloudy	12:08	8.4	7.4	24.70	24.80	8.60	8.60	32.00	32.03	130.40	137.95	9.30	9.67	1.51	1.52	3.1	3.3			
			12:10	8.4	7.4	24.90	24.80	8.59	8.60	32.05	32.03	145.50	137.95	10.04	9.67	1.47	1.52	3.4	3.3			
	10/5/2022	Rain	12:04	8.4	7.4	25.91	25.89	8.32	8.35	28.62	27.90	105.50	106.55	7.29	7.38	0.01	0.01	<1.0	1.0			
			12:06	8.4	7.4	25.86	25.89	8.37	8.35	27.18	27.90	107.60	106.55	7.46	7.38	0.01	0.01	<1.0	1.0			
	12/5/2022	Rainstrom	Sampling was cancelled due to adverse weather																			
	14/5/2022	Rain	10:32	8.5	7.5	24.60	24.60	8.29	8.29	29.47	29.46	76.00	76.80	5.36	5.42	1.55	1.27	<1.0	1.0			
			10:34	8.5	7.5	24.60	24.60	8.28	8.29	29.45	29.46	77.60	76.80	5.47	5.42	0.99	1.27	<1.0	1.0			
	16/5/2022	Rain	10:26	8.6	7.6	22.10	22.30	8.36	8.36	31.00	30.99	78.40	80.30	5.72	5.84	7.72	7.98	7.7	7.9			
			10:28	8.6	7.6	22.50	22.30	8.35	8.36	30.97	30.99	82.20	80.30	5.95	5.84	8.23	7.98	8.0	7.9			
	18/5/2022	Cloudy	12:08	8.3	7.3	23.80	23.85	8.39	8.39	31.04	31.05	80.60	79.75	5.39	5.49	1.91	2.03	4.8	4.6			
			12:10	8.3	7.3	23.90	23.85	8.39	8.39	31.05	31.05	78.90	79.75	5.59	5.49	2.14	2.03	4.4	4.6			
	20/5/2022	Fine	12:08	8.2	7.2	24.80	24.75	8.36	8.36	30.63	30.66	76.30	79.75	5.32	5.56	3.97	3.71	2.9	3.1			
			12:10	8.2	7.2	24.70	24.75	8.36	8.36	30.69	30.66	83.20	79.75	5.80	5.56	3.44	3.71	3.2	3.1			
	23/5/2022	Cloudy	12:08	8.7	7.7	24.60	24.60	8.55	8.55	29.83	29.84	83.50	83.90	5.86	5.89	1.44	1.40	4.1	4.0			
			12:10	8.7	7.7	24.60	24.60	8.54	8.55	29.84	29.84	84.30	83.90	5.92	5.89	1.35	1.40	3.9	4.0			
	25/5/2022	Rain	10:15	8.1	7.1	24.80	24.80	8.38	8.38	30.56	30.57	78.00	77.90	5.44	5.43	1.29	1.25	1.4	1.6			
10:17			8.1	7.1	24.80	24.80	8.38	8.38	30.57	30.57	77.80	77.90	5.42	5.43	1.20	1.25	1.7	1.6				
27/5/2022	Rain	10:25	8.6	7.6	25.50	25.45	8.38	8.38	30.79	30.78	77.60	77.80	5.34	5.36	3.15	3.25	3.7	3.6				
		10:27	8.6	7.6	25.40	25.45	8.37	8.38	30.77	30.78	78.00	77.80	5.37	5.36	3.34	3.25	3.4	3.6				
31/5/2022	Rain	10:30	8.7	7.7	26.80	26.80	8.41	8.42	28.70	28.70	76.10	77.70	5.18	5.29	1.54	1.53	2.8	2.7				
		10:32	8.7	7.7	26.80	26.80	8.42	8.42	28.69	28.70	79.30	77.70	5.40	5.29	1.52	1.53	2.5	2.7				

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.

Baseline 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	
						Sampling was cancelled due to adverse weather																
CE	3/5/2022	Sunny	10:20	8.5	7.5	22.40	22.45	8.39	8.39	32.94	32.92	97.10	89.80	5.67	5.79	2.87	3.51	3.2	3.3			
			10:22	8.5	7.5	22.50	22.45	8.39	8.39	32.90	32.92	82.50	89.80	5.90	5.79	4.14	3.51	3.4	3.3			
	5/5/2022	Sunny	10:24	8.5	7.5	23.40	23.45	8.47	8.47	32.67	32.66	110.80	108.20	7.81	7.63	2.29	2.24	3.8	3.6			
			10:26	8.5	7.5	23.50	23.45	8.46	8.47	32.65	32.66	105.60	108.20	7.44	7.63	2.19	2.24	3.4	3.6			
	7/5/2022	cloudy	10:25	8.3	7.3	24.40	24.40	8.55	8.55	32.28	32.28	122.70	122.10	8.53	8.49	1.10	1.06	3.5	3.4			
			10:27	8.3	7.3	24.40	24.40	8.55	8.55	32.28	32.28	121.50	122.10	8.45	8.49	1.03	1.06	3.2	3.4			
	10/5/2022	Rain	11:50	8.4	7.4	25.81	25.79	8.28	8.28	28.92	28.88	87.10	87.00	6.02	6.02	0.01	0.15	2.8	2.6			
			11:52	8.4	7.4	25.76	25.79	8.28	8.28	28.84	28.88	86.90	87.00	6.01	6.02	0.29	0.15	2.3	2.6			
	12/5/2022	Rainstrom	Sampling was cancelled due to adverse weather																			
	14/5/2022	Rain	12:08	8.4	7.4	24.50	24.50	8.26	8.26	30.38	30.37	67.30	70.35	4.72	4.94	3.69	3.44	4.2	4.4			
			12:10	8.4	7.4	24.50	24.50	8.26	8.26	30.38	30.37	73.40	70.35	5.15	4.94	3.18	3.44	4.6	4.4			
	16/5/2022	Rain	12:08	8.4	7.4	23.10	23.05	8.37	8.38	31.18	31.22	71.50	74.85	5.11	5.36	3.21	3.15	2.8	2.7			
			12:10	8.4	7.4	23.00	23.05	8.38	8.38	31.25	31.22	78.20	74.85	5.60	5.36	3.09	3.15	2.6	2.7			
	18/5/2022	Cloudy	10:30	8.4	7.4	23.30	23.25	8.37	8.37	31.06	31.04	75.80	76.45	5.41	5.46	2.24	2.22	2.6	2.8			
			10:32	8.4	7.4	23.20	23.25	8.37	8.37	31.02	31.04	77.10	76.45	5.51	5.46	2.19	2.22	3.0	2.8			
	20/5/2022	Fine	10:16	8.2	7.2	24.80	24.75	8.36	8.36	30.63	30.66	76.30	79.75	5.32	5.56	3.97	3.71	4.6	4.5			
			10:18	8.2	7.2	24.70	24.75	8.36	8.36	30.69	30.66	83.20	79.75	5.80	5.56	3.44	3.71	4.4	4.5			
	23/5/2022	Cloudy	10:28	8.4	7.4	24.50	24.55	8.54	8.54	29.67	29.67	86.10	86.15	6.06	6.06	1.16	1.18	2.5	2.5			
			10:30	8.4	7.4	24.60	24.55	8.54	8.54	29.66	29.67	86.20	86.15	6.06	6.06	1.20	1.18	2.4	2.5			
	25/5/2022	Rain	12:08	8.3	7.3	24.70	24.70	8.35	8.36	31.01	31.00	75.00	75.70	5.22	5.27	5.61	5.56	9.0	9.2			
12:10			8.3	7.3	24.70	24.70	8.36	8.36	30.99	31.00	76.40	75.70	5.32	5.27	5.51	5.56	9.4	9.2				
27/5/2022	Rain	12:08	8.3	7.3	25.60	25.60	8.40	8.40	30.82	30.83	78.50	78.20	5.38	5.36	2.89	2.64	7.3	7.1				
		12:10	8.3	7.3	25.60	25.60	8.40	8.40	30.83	30.83	77.90	78.20	5.34	5.36	2.39	2.64	6.9	7.1				
31/5/2022	Rain	12:08	8.4	7.4	25.60	25.55	8.38	8.37	30.75	30.82	86.10	83.65	5.91	5.75	6.01	5.95	6.9	7.1				
		12:10	8.4	7.4	25.50	25.55	8.36	8.37	30.88	30.82	81.20	83.65	5.59	5.75	5.89	5.95	7.3	7.1				

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.

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

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth		Temperature		pH		Salinity		DO Saturation		DO		Turbidity		SS			
				m	m	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
				°C	-	ppt	%	mg/L	NTU	mg/L	mg/L										
CF	3/5/2022	Sunny	13:13	7.9	1.0	22.00	22.10	8.43	8.43	33.13	33.00	80.00	86.30	5.77	6.22	2.96	3.74	#N/A	1.0		
			13:15	7.9	1.0	22.20		8.43		32.87		92.60		6.67		4.52		#N/A			
	5/5/2022	Sunny	13:12	8.4	1.0	23.70	24.05	8.49	8.49	32.60	32.64	108.40	106.60	7.61	7.44	0.01	0.01	3.2	3.4		
			13:14	8.4	1.0	24.40		8.48		32.68		104.80		7.27		0.01		3.5			
	7/5/2022	Cloudy	13:13	8.2	1.0	24.80	24.50	8.29	5.91	31.78	32.25	124.90	113.95	8.64	7.90	1.07	1.11	2.7	2.6		
			13:15	8.2	1.0	24.20		8.52		32.71		103.00		7.16		1.14		2.5			
	10/5/2022	Rain	14:06	8.3	1.0	26.41	26.37	8.39	8.39	29.07	28.69	84.90	83.75	5.80	5.74	0.01	0.32	1.3	1.5		
			14:08	8.3	1.0	26.32		8.39		28.30		82.60		5.68		0.63		1.6			
	12/5/2022	Rainstrom	Sampling was cancelled due to adverse weather																		
	14/5/2022	Rain	9:09	8.5	1.0	24.20	24.25	7.18	7.52	26.01	26.35	75.90	76.65	5.49	5.53	1.39	1.25	1.0	1.2		
			9:11	8.5	1.0	24.30		7.85		26.69		77.40		5.56		1.10		1.3			
	16/5/2022	Rain	9:03	8.6	1.0	22.80	22.80	6.78	7.03	30.93	31.17	86.40	84.60	6.21	6.08	5.63	5.57	5.0	4.9		
			9:05	8.6	1.0	22.80		7.28		31.41		82.80		5.95		5.51		4.7			
	18/5/2022	Cloudy	13:15	8.8	1.0	22.60	22.65	8.42	8.42	31.73	31.65	76.30	76.85	5.49	5.53	4.57	3.67	4.1	4.3		
			13:17	8.8	1.0	22.70		8.41		31.58		77.40		5.56		2.76		4.5			
	20/5/2022	Fine	13:09	8.6	1.0	25.00	25.40	8.45	8.45	30.76	30.62	83.10	83.30	5.76	5.74	1.80	1.65	3.2	3.1		
			13:11	8.6	1.0	25.80		8.45		30.48		83.50		5.72		1.50		2.9			
	23/5/2022	Cloudy	13:15	8.8	1.0	24.70	24.85	8.49	8.50	29.94	29.77	80.70	77.90	5.66	5.45	0.01	0.16	2.6	2.8		
			13:17	8.8	1.0	25.00		8.50		29.60		75.10		5.24		0.30		3.0			
	25/5/2022	Rain	8:28	8.7	1.0	24.60	24.60	6.88	7.05	30.28	30.40	78.50	77.15	5.50	5.40	0.72	1.07	1.9	1.8		
8:30			8.7	1.0	24.60	7.21		30.51		75.80		5.30		1.42		1.7					
27/5/2022	Rain	8:58	8.7	1.0	25.90	25.90	7.19	7.31	29.78	29.85	76.90	78.10	5.23	5.34	2.33	2.67	1.8	1.7			
		9:00	8.7	1.0	25.90		7.43		29.92		79.30		5.44		3.00		1.6				
31/5/2022	Rain	8:56	8.6	1.0	27.40	27.35	7.24	7.41	25.06	24.52	78.36	81.08	5.41	5.61	1.95	1.87	3.4	3.6			
		8:58	8.6	1.0	27.30		7.57		23.97		83.80		5.81		1.78		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.

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

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth		Temperature		pH		Salinity		DO Saturation		DO		Turbidity		SS			
				m	m	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG
				°C	-	ppt	%	mg/L	NTU	mg/L	mg/L										
CF	3/5/2022	Sunny	9:01	8.0	1.0	22.30	22.35	7.11	7.33	32.06	32.20	87.90	86.10	6.34	6.20	4.44	3.99	3.4	3.3		
			9:03	8.0	1.0	22.40		7.54		32.34		84.30		6.06		6.20		3.54		3.2	
	5/5/2022	Sunny	9:10	8.3	1.0	23.60	23.65	7.17	7.32	32.51	32.53	89.00	90.20	6.26	6.34	2.69	3.23	4.0	4.1		
			9:12	8.3	1.0	23.70		7.47		32.54		91.40		6.42		6.34		3.77		4.2	
	7/5/2022	cloudy	8:56	8.1	1.0	24.40	24.40	7.13	7.33	31.24	31.38	113.90	68.45	7.93	8.26	0.94	0.91	3.1	3.4		
			8:58	8.1	1.0	24.40		7.52		31.51		23.00		8.58		0.91		3.6			
	10/5/2022	Rain	10:27	8.3	1.0	26.40	26.47	9.00	8.72	26.85	27.13	125.20	123.25	8.63	8.49	0.80	0.46	1.5	1.7		
			10:29	8.3	1.0	26.54		8.44		27.41		121.30		8.35		0.11		1.8			
	12/5/2022	Rainstrom	Sampling was cancelled due to adverse weather																		
	14/5/2022	Rain	13:24	8.6	1.0	24.70	24.70	8.44	8.44	21.80	21.78	82.40	82.50	6.04	6.05	1.20	1.25	1.4	1.3		
			13:26	8.6	1.0	24.70		8.43		21.76		82.60		6.06		1.29		1.2			
	16/5/2022	Rain	13:12	8.9	1.0	23.00	22.95	8.33	8.34	31.10	30.86	74.40	73.20	5.33	5.26	4.81	5.21	5.6	5.5		
			13:14	8.9	1.0	22.90		8.34		30.62		72.00		5.18		5.61		5.3			
	18/5/2022	Cloudy	9:02	8.5	1.0	24.10	23.90	7.16	7.41	31.39	30.98	72.00	70.10	5.06	4.95	6.26	6.45	6.6	6.5		
			9:04	8.5	1.0	23.70		7.66		30.56		68.20		4.84		6.63		6.3			
	20/5/2022	Fine	8:52	8.8	1.0	24.70	24.65	7.07	7.25	30.48	30.57	75.30	75.85	5.26	5.30	2.57	2.87	5.3	5.4		
			8:54	8.8	1.0	24.60		7.42		30.66		76.40		5.34		5.30		3.16		5.5	
	23/5/2022	Cloudy	8:49	8.6	1.0	24.70	24.70	6.88	6.92	29.43	29.59	87.90	87.80	6.18	6.17	1.36	1.49	4.2	4.4		
			8:51	8.6	1.0	24.70		7.16		29.75		87.70		6.15		1.62		4.5			
	25/5/2022	Rain	13:18	8.3	1.0	24.70	24.65	8.42	8.42	30.57	30.50	68.80	69.65	4.80	4.87	1.37	1.38	1.4	1.4		
13:20			8.3	1.0	24.60	8.42		30.43		70.50		4.93		4.87		1.38		1.3			
27/5/2022	Rain	13:13	8.3	1.0	26.10	26.15	8.48	8.48	28.32	28.62	74.10	74.00	5.12	5.10	2.99	2.47	1.4	1.6			
		13:15	8.3	1.0	26.20		8.47		28.91		73.90		5.07		1.94		1.7				
31/5/2022	Rain	13:11	8.3	1.0	26.90	26.60	8.65	8.66	23.07	22.77	87.60	86.00	6.15	6.08	1.63	1.58	3.8	4.0			
		13:13	8.3	1.0	26.30		8.67		22.47		84.40		6.00		1.53		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.

Baseline 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	3/5/2022	Sunny	13:18	7.9	4.0	22.00	21.95	8.43	8.43	32.98	33.00	90.70	83.75	6.54	6.05	5.08	4.80	#N/A	#N/A	1.0	
			13:20	7.9	4.0	21.90		8.43		33.01		76.80		5.55		4.52		#N/A			
	5/5/2022	Sunny	12:18	8.4	4.2	23.70	23.70	8.47	8.47	32.94	32.93	105.70	104.20	7.41	7.31	0.01	0.01	4.6	4.6	4.4	
			12:20	8.4	4.2	23.70		8.47		32.91		102.70		7.20		0.01		4.1	4.1		
	7/5/2022	Cloudy	13:17	8.2	4.1	24.80	24.85	7.61	8.11	31.89	31.90	125.14	125.82	8.65	8.65	1.44	1.44	1.8	1.8	1.8	
			13:19	8.2	4.1	24.90		8.61		31.91		126.50		8.65		1.39		1.7	1.7		
	10/5/2022	Rain	14:10	8.3	4.2	26.21	26.18	8.43	8.45	28.65	28.72	85.80	85.00	5.90	5.85	0.01	0.23	2.1	2.1	2.2	
			14:12	8.3	4.2	26.14		8.46		28.79		84.20		5.79		0.44		2.3	2.3		
	12/5/2022	Rainstrom	Sampling was cancelled due to adverse weather																		
	14/5/2022	Rain	9:14	8.5	4.3	24.30	24.30	7.41	7.61	26.02	26.09	82.40	80.85	5.95	5.83	1.63	1.40	1.9	1.9	1.8	
			9:16	8.5	4.3	24.30		7.81		26.16		79.30		5.71		1.17		1.6	1.6		
	16/5/2022	Rain	9:07	8.6	4.3	21.70	21.80	7.94	7.90	31.62	31.56	77.80	79.65	5.70	5.83	6.67	6.29	5.4	5.4	5.6	
			9:09	8.6	4.3	21.90		7.85		31.50		81.50		5.95		5.90		5.8	5.8		
	18/5/2022	Cloudy	13:20	8.8	4.4	22.60	22.55	8.41	8.41	31.52	31.53	76.30	75.30	5.49	5.43	3.61	3.41	3.9	3.9	3.8	
			13:22	8.8	4.4	22.50		8.41		31.54		74.30		5.36		3.21		3.6	3.6		
	20/5/2022	Fine	13:15	8.6	4.3	24.90	24.90	8.44	8.44	30.95	30.95	83.60	83.70	5.81	5.82	2.36	2.23	3.4	3.4	3.6	
			13:17	8.6	4.3	24.90		8.44		30.95		83.80		5.82		2.09		3.8	3.8		
	23/5/2022	Cloudy	13:20	8.8	4.4	24.40	24.40	8.45	8.43	30.06	30.33	79.40	80.00	5.59	5.63	0.25	0.13	3.7	3.7	3.6	
13:22			8.8	4.4	24.40		8.41		30.60		80.60		5.66		0.01		3.4	3.4			
25/5/2022	Rain	8:32	8.7	4.4	24.60	24.60	7.41	7.49	30.61	30.35	77.00	75.10	5.38	5.26	1.49	3.16	2.5	2.5	2.4		
		8:34	8.7	4.4	24.60		7.56		30.09		73.20		5.13		4.82		2.2	2.2			
27/5/2022	Rain	9:02	8.7	4.4	25.90	25.90	7.59	7.65	30.08	30.02	79.90	79.60	5.48	5.46	1.80	2.11	2.4	2.4	2.3		
		9:04	8.7	4.4	25.90		7.70		29.96		79.30		5.44		2.41		2.2	2.2			
31/5/2022	Rain	9:00	8.6	4.3	27.20	27.20	7.91	7.84	23.95	23.98	87.60	87.00	6.08	6.04	2.43	2.05	4.6	4.6	4.7		
		9:02	8.6	4.3	27.20		7.77		24.00		86.40		6.00		1.67		4.8	4.8			

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.

Baseline 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	Value	AVG
						Sampling was cancelled due to adverse weather															
CF	3/5/2022	Sunny	9:05	8.0	4.0	22.30	22.25	7.93	7.96	23.53	27.95	83.90	89.15	6.04	6.43	3.52	4.05	3.8	3.8	3.9	
			9:07	8.0	4.0	22.20		7.98		32.37		94.40		6.82		4.58		4.0	4.0		
	5/5/2022	Sunny	9:14	8.3	4.2	23.50	23.50	7.80	7.73	32.71	32.82	83.20	88.30	5.85	6.22	2.99	4.08	4.6	4.6	4.5	
			9:16	8.3	4.2	23.50		7.66		32.92		93.40		6.58		5.16		4.4	4.4		
	7/5/2022	cloudy	9:00	8.1	4.1	24.30	24.35	7.96	7.92	31.47	31.56	119.60	115.05	8.36	8.04	0.84	0.81	2.8	2.8	2.7	
			9:02	8.1	4.1	24.40		7.87		31.64		110.50		7.71		0.77		2.6	2.6		
	10/5/2022	Rain	10:31	8.3	4.2	26.41	26.34	8.11	8.30	28.46	28.81	115.80	115.35	7.94	7.91	0.59	0.30	2.3	2.3	2.4	
			10:33	8.3	4.2	26.27		8.49		29.16		114.90		7.88		0.01		2.4	2.4		
	12/5/2022	Rainstrom	Sampling was cancelled due to adverse weather																		
	14/5/2022	Rain	13:30	8.6	4.3	24.70	24.70	8.42	8.43	22.26	22.06	86.30	86.45	6.31	6.33	1.20	1.70	2.4	2.4	2.4	
			13:32	8.6	4.3	24.70		8.43		21.85		86.60		6.35		2.19		2.3	2.3		
	16/5/2022	Rain	13:18	8.9	4.5	23.20	23.15	8.33	8.34	31.14	31.09	74.20	73.50	5.30	5.26	4.68	5.17	6.0	6.0	6.2	
			13:20	8.9	4.5	23.10		8.34		31.03		72.80		5.22		5.66		6.3	6.3		
	18/5/2022	Cloudy	9:06	8.5	4.3	23.50	23.45	7.88	7.84	31.62	31.63	77.20	77.65	5.47	5.51	6.60	6.60	6.0	6.0	5.8	
			9:08	8.5	4.3	23.40		7.79		31.63		78.10		5.55		6.60		5.6	5.6		
	20/5/2022	Fine	8:56	8.8	4.4	24.50	24.50	7.75	7.70	30.79	30.80	74.20	73.40	5.18	5.13	2.60	2.52	4.0	4.0	4.2	
			8:58	8.8	4.4	24.50		7.64		30.81		72.60		5.07		2.44		4.3	4.3		
	23/5/2022	Cloudy	8:53	8.6	4.3	24.70	24.65	7.47	7.55	29.82	29.84	78.70	79.10	5.52	5.55	1.51	1.71	5.2	5.2	5.1	
8:55			8.6	4.3	24.60		7.63		29.85		79.50		5.58		1.90		5.0	5.0			
25/5/2022	Rain	13:22	8.3	4.2	24.70	24.70	8.43	8.43	30.54	30.57	74.20	74.05	5.18	5.17	2.37	1.94	2.3	2.3	2.2		
		13:24	8.3	4.2	24.70		8.43		30.59		73.90		5.16		1.50		2.1	2.1			
27/5/2022	Rain	13:17	8.3	4.2	26.00	26.00	8.48	8.48	28.23	28.25	73.10	73.85	5.05	5.10	2.13	2.52	2.1	2.1	2.2		
		13:19	8.3	4.2	26.00		8.48		28.27		74.60		5.15		2.91		2.3	2.3			
31/5/2022	Rain	13:15	8.3	4.2	27.00	26.95	8.67	8.68	22.83	22.86	88.50	89.20	6.21	6.27	1.84	1.69	4.3	4.3	4.5		
		13:17	8.3	4.2	26.90		8.68		22.89		89.90		6.32		1.53		4.7	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.

Baseline 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	3/5/2022	Sunny	13:25	7.9	6.9	22.40	22.45	8.43	8.43	32.87	32.91	88.90	92.20	6.38	6.61	4.18	5.34	#N/A	1.0		
			13:27	7.9	6.9	22.50		8.43		32.94		95.50		6.83		6.50		#N/A			
	5/5/2022	Sunny	12:22	8.4	7.4	23.50	23.50	8.45	8.45	32.93	32.94	90.50	93.30	6.36	6.56	0.01	0.01	5.1	5.3		
			12:24	8.4	7.4	23.50		8.45		32.95		96.10		6.75		0.01		5.5			
	7/5/2022	Cloudy	13:22	8.2	7.2	24.30	24.75	8.54	8.57	32.69	32.33	102.80	111.20	7.14	7.67	1.43	1.40	1.3	1.3		
			13:24	8.2	7.2	25.20		8.60		31.97		119.60		8.20		1.37		1.3			
	10/5/2022	Rain	14:14	8.3	7.3	26.00	26.07	8.39	8.40	28.71	28.87	100.70	94.10	6.94	6.48	0.01	0.01	2.6	2.8		
			14:16	8.3	7.3	26.14		8.40		29.03		87.50		6.01		0.01		3.0			
	12/5/2022	Rainstrom	Sampling was cancelled due to adverse weather																		
	14/5/2022	Rain	9:18	8.5	7.5	24.30	24.30	7.91	7.93	28.02	28.01	68.60	75.35	4.89	5.37	1.61	1.76	11.8	11.6		
			9:20	8.5	7.5	24.30		7.94		28.00		82.10		5.85		1.91		11.4			
	16/5/2022	Rain	9:11	8.6	7.6	21.50	21.65	8.05	8.03	31.63	31.63	75.20	74.40	5.52	5.45	6.99	7.18	6.1	6.1		
			9:13	8.6	7.6	21.80		8.01		31.63		73.60		5.37		7.37		6.1			
	18/5/2022	Cloudy	13:25	8.8	7.8	23.00	23.10	8.41	8.41	31.57	31.57	71.90	71.65	5.14	5.11	3.51	4.15	3.3	3.2		
			13:27	8.8	7.8	23.20		8.41		31.57		71.40		5.08		4.78		3.0			
	20/5/2022	Fine	13:20	8.6	7.6	24.90	24.90	8.44	8.44	30.94	30.95	78.30	75.50	5.44	5.25	2.45	2.35	4.0	4.2		
			13:22	8.6	7.6	24.90		8.44		30.96		72.70		5.05		2.25		4.4			
	23/5/2022	Cloudy	13:24	8.8	7.8	24.40	24.40	8.41	8.41	30.73	30.75	82.10	78.45	5.76	5.51	0.29	0.16	4.4	4.2		
			13:26	8.8	7.8	24.40		8.40		30.76		74.80		5.25		0.02		4.0			
	25/5/2022	Rain	8:36	8.7	7.7	24.70	24.70	7.81	7.79	31.01	31.21	75.00	70.95	5.22	4.94	1.00	1.15	2.6	2.8		
8:38			8.7	7.7	24.70		7.76		31.40		66.90		4.66		1.29		3.0				
27/5/2022	Rain	9:06	8.7	7.7	25.60	25.60	7.80	7.83	30.00	30.00	74.00	71.40	5.10	4.92	2.47	2.45	2.6	2.8			
		9:08	8.7	7.7	25.60		7.86		30.00		68.80		4.74		2.43		2.9				
31/5/2022	Rain	9:04	8.6	7.6	25.70	25.75	7.83	7.81	31.67	31.67	76.30	77.40	5.20	5.28	6.76	6.60	7.6	7.4			
		9:06	8.6	7.6	25.80		7.79		31.66		78.50		5.35		6.44		7.2				

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.

Baseline 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	3/5/2022	Sunny	9:09	8.0	7.0	22.30	22.35	8.10	8.09	32.98	32.95	83.40	86.25	5.99	6.19	7.10	6.87	4.8	5.0		
			9:11	8.0	7.0	22.40		8.07		32.91		89.10		6.39		6.64		5.2			
	5/5/2022	Sunny	9:18	8.3	7.3	23.30	23.30	7.91	7.94	33.25	33.26	75.20	77.85	5.30	5.49	9.45	9.26	5.5	5.4		
			9:20	8.3	7.3	23.30		7.97		33.26		80.50		5.67		9.06		5.3			
	7/5/2022	cloudy	9:05	8.1	7.1	24.40	24.40	8.14	8.19	32.04	32.06	106.20	102.40	7.39	7.13	1.10	1.08	2.3	2.2		
			9:07	8.1	7.1	24.40		8.23		32.08		98.60		6.86		1.05		2.1			
	10/5/2022	Rain	10:35	8.3	7.3	26.17	26.20	8.54	8.39	29.18	29.19	79.60	78.15	5.46	5.36	0.19	0.21	2.5	2.6		
			10:37	8.3	7.3	26.23		8.24		29.19		76.70		5.26		0.22		2.7			
	12/5/2022	Rainstrom	Sampling was cancelled due to adverse weather																		
	14/5/2022	Rain	13:35	8.6	7.6	24.40	24.40	8.28	8.28	31.09	31.16	82.20	81.30	5.74	5.68	6.47	7.01	3.0	3.2		
			13:37	8.6	7.6	24.40		8.28		31.23		80.40		5.62		7.55		3.3			
	16/5/2022	Rain	13:25	8.9	7.9	22.60	22.55	8.33	8.34	31.60	31.42	72.70	73.40	5.25	5.30	4.93	4.78	9.6	9.8		
			13:27	8.9	7.9	22.50		8.34		31.24		74.10		5.35		4.63		10.0			
	18/5/2022	Cloudy	9:10	8.5	7.5	23.40	23.45	7.95	7.98	31.76	31.81	78.90	78.50	5.59	5.56	5.38	5.72	5.1	5.3		
			9:12	8.5	7.5	23.50		8.01		31.86		78.10		5.52		6.05		5.4			
	20/5/2022	Fine	9:00	8.8	7.8	24.50	24.50	7.86	7.80	31.04	31.05	71.20	72.55	4.98	5.08	2.79	2.77	3.5	3.4		
			9:02	8.8	7.8	24.50		7.92		31.06		73.90		5.17		2.74		3.2			
	23/5/2022	Cloudy	8:58	8.6	7.6	24.50	24.50	7.74	7.78	30.26	30.27	79.20	78.15	5.56	5.49	2.18	2.24	5.4	5.6		
			9:00	8.6	7.6	24.50		7.82		30.28		77.10		5.41		2.30		5.8			
	25/5/2022	Rain	13:28	8.3	7.3	24.50	24.50	8.39	8.40	30.79	30.79	69.60	70.90	4.87	4.96	2.60	2.43	5.2	5.4		
13:30			8.3	7.3	24.50		8.40		30.79		72.20		5.05		2.25		5.5				
27/5/2022	Rain	13:22	8.3	7.3	26.10	26.10	8.48	8.48	28.30	28.31	73.00	72.95	5.04	5.04	1.94	2.00	2.8	2.9			
		13:24	8.3	7.3	26.10		8.47		28.32		72.90		5.04		2.06		3.0				
31/5/2022	Rain	13:19	8.3	7.3	25.70	25.75	8.41	8.43	29.21	29.18	88.00	83.00	6.09	5.74	8.12	8.60	6.8	6.9			
		13:21	8.3	7.3	25.80		8.44		29.14		78.00		5.39		9.08		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 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	2/6/2022	Rainy	12:54	4.0	1.0	27.40	27.45	8.50	8.50	32.20	27.70	74.70	76.45	5.18	5.31	1.42	1.41	2.9	3.0		
			12:56	4.0	1.0	27.50		8.50		23.19		78.20		5.43		1.40		3.1			
	4/6/2022	Cloudy	12:48	2.9	1.0	27.60	27.55	8.44	8.44	20.48	20.43	71.40	74.20	5.02	5.23	1.97	1.89	2.3	2.4		
			12:50	2.9	1.0	27.50		8.44		20.38		77.00		5.43		1.80		2.3			
	7/6/2022	Rainy	12:52	4.1	1.0	26.80	26.70	8.61	8.61	19.88	20.01	77.10	79.05	5.51	5.66	2.79	2.57	2.8	3.0		
			12:54	4.1	1.0	26.60		8.61		20.13		81.00		5.80		2.35		3.1			
	9/6/2022	Sunny	9:14	3.4	1.0	26.30	26.30	8.21	8.23	21.11	20.65	76.10	74.45	5.45	5.35	3.58	3.73	5.2	5.1		
			9:16	3.4	1.0	26.30		8.25		20.19		72.80		5.25		3.88		5.0			
	11/6/2022	Sunny	9:58	4.1	1.0	27.21	27.24	8.50	8.52	15.80	15.98	95.30	104.80	6.92	7.60	2.82	3.48	2.5	2.6		
			10:00	4.1	1.0	27.27		8.53		16.16		114.30		8.28		4.13		2.7			
	13/6/2022	Sunny	9:28	3.8	1.0	27.87	27.88	8.07	7.85	14.58	12.14	117.00	117.75	8.31	8.41	3.13	2.69	4.3	4.2		
			9:30	3.8	1.0	27.88		7.63		9.69		118.50		8.50		2.25		4.0			
	15/6/2022	Rainy	9:25	4.2	1.0	27.15	27.16	8.91	8.87	21.45	21.50	116.60	116.45	8.22	8.21	3.44	2.96	1.1	1.3		
			9:27	4.2	1.0	27.16		8.82		21.54		116.30		8.19		2.48		1.4			
	17/6/2022	Sunny	12:53	4.1	1.0	26.90	26.90	8.09	8.09	21.36	21.36	78.30	77.50	5.55	5.49	4.23	4.37	1.7	1.8		
			12:55	4.1	1.0	26.90		8.09		21.36		78.70		5.43		4.50		1.8			
	20/6/2022	Sunny	12:49	4.0	1.0	27.40	27.40	8.26	8.27	17.66	17.68	81.10	84.45	5.82	6.06	8.70	7.24	3.4	3.5		
			12:51	4.0	1.0	27.40		8.27		17.69		87.80		6.30		5.77		3.6			
	22/6/2022	Sunny	8:45	3.5	1.0	29.30	28.30	7.64	7.67	18.98	19.06	79.50	81.55	5.62	5.79	8.04	7.90	3.7	3.5		
			8:47	3.5	1.0	27.30		7.70		19.14		83.60		5.96		7.76		3.3			
	24/6/2022	Sunny	8:50	3.7	1.0	27.90	28.00	7.95	7.97	21.67	21.52	99.80	98.65	6.44	6.58	7.93	7.79	2.2	2.2		
			8:52	3.7	1.0	28.10		7.99		21.36		97.50		6.71		7.65		2.1			
	28/6/2022	Sunny	9:08	3.8	1.0	28.20	28.25	7.99	8.01	17.90	17.88	93.30	94.00	6.49	6.56	5.49	5.46	2.4	2.6		
			9:10	3.8	1.0	28.30		8.03		17.86		94.70		6.62		5.43		2.7			
	30/6/2022	Sunny	9:08	4.0	1.0	27.30	27.30	8.11	8.18	18.09	18.11	93.00	95.15	6.56	6.71	5.02	5.02	2.5	2.6		
			9:10	4.0	1.0	27.30		8.24		18.13		97.30		6.85		5.01		2.7			

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 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	2/6/2022	Rainy	8:54	3.8	1.0	26.30	26.55	8.23	8.25	23.17	23.16	74.30	73.55	5.22	5.17	1.73	1.39	1.8	1.8		
			8:56	3.8	1.0	26.90		8.27		23.14		72.90		5.11		1.04		1.7			
	4/6/2022	Cloudy	8:56	3.4	1.0	27.20	27.15	8.21	8.23	20.27	20.20	75.80	76.85	5.37	5.45	1.71	1.72	1.6	1.7		
			8:58	3.4	1.0	27.10		8.24		20.12		77.90		5.53		1.73		1.8			
	7/6/2022	Rainy	9:21	3.7	1.0	27.40	27.20	8.14	8.14	19.62	19.79	85.30	82.80	6.09	5.91	4.25	2.69	3.0	2.8		
			9:23	3.7	1.0	27.00		8.26		19.96		80.30		5.72		4.11		2.6			
	9/6/2022	Sunny	12:50	3.2	1.0	26.90	26.25	8.50	8.45	19.60	21.57	76.50	75.20	5.57	5.43	3.14	4.57	4.6	4.3		
			12:52	3.2	1.0	25.60		8.40		23.54		73.90		5.28		6.00		4.0			
	11/6/2022	Sunny	12:47	3.1	1.0	27.31	27.29	8.18	7.94	13.94	11.48	111.30	106.35	8.07	7.82	3.73	3.60	3.0	3.1		
			12:49	3.1	1.0	27.26		7.70		9.01		101.40		7.57		3.47		3.2			
	13/6/2022	Sunny	12:58	3.1	1.0	28.62	28.61	8.67	8.73	19.14	19.06	111.40	111.50	7.76	7.77	1.93	2.16	1.6	1.7		
			13:00	3.1	1.0	28.60		8.78		18.98		111.60		7.78		2.39		1.8			
	15/6/2022	Rainy	12:55	3.1	1.0	28.21	28.31	8.64	8.69	24.14	23.76	109.60	109.70	7.48	7.47	3.73	3.66	2.3	2.3		
			12:57	3.1	1.0	28.40		8.73		23.38		109.80		7.45		3.58		2.2			
	17/6/2022	Sunny	9:47	3.9	1.0	26.70	26.70	7.62	7.64	21.68	21.68	80.20	83.55	5.69	5.93	5.01	5.02	3.0	2.9		
			9:49	3.9	1.0	26.70		7.65		21.67		86.90		6.17		5.03		2.7			
	20/6/2022	Sunny	8:59	3.2	1.0	26.80	26.80	7.74	7.76	18.95	18.96	78.90	77.25	5.53	5.56	6.83	6.78	3.4	3.3		
			9:01	3.2	1.0	26.80		7.77		18.96		77.60		5.58		6.72		3.2			
	22/6/2022	Sunny	12:58	3.7	1.0	27.90	27.95	8.33	8.35	17.65	17.58	97.20	96.80	6.90	6.84	7.06	7.07	4.3	4.5		
			13:00	3.7	1.0	28.00		8.37		17.51		96.40		6.78		7.07		4.6			
	24/6/2022	Sunny	12:50	3.6	1.0	30.30	30.35	8.41	8.42	16.98	16.98	93.60	95.65	6.40	6.50	4.91	4.84	1.7	1.6		
			12:52	3.6	1.0	30.40		8.43		16.97		97.70		6.60		4.76		1.5			
	28/6/2022	Sunny	12:47	3.6	1.0	30.20	30.30	8.41	8.42	16.98	16.98	93.60	95.65	6.40	6.50	4.91	4.84	1.7	1.8		
			12:49	3.6	1.0	30.40		8.43		16.97		97.70		6.60		4.76		1.8			
	30/6/2022	Sunny	12:47	3.8	1.0	28.69	28.69	9.21	9.23	16.67	16.68	118.40	119.05	8.35	8.40	3.23	3.35	2.9	2.9		
			12:49	3.8	1.0	28.69		9.24		16.68		119.70		8.44		3.47		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 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	2/6/2022	Rainy	12:57	4.0	3.0	27.50	27.35	8.50	8.48	23.36	24.15	80.60	80.60	5.59	5.58	2.13	4.45	6.6	6.4		
			12:59	4.0	3.0	27.20		8.46		24.93		80.60		5.56		6.76		6.1			
	4/6/2022	Cloudy	12:51	2.9	1.9	27.70	27.70	8.44	8.44	20.40	20.40	77.60	77.60	5.45	5.45	2.25	2.63	3.1	3.0		
			12:53	2.9	1.9	27.70		8.44		20.39		77.60		5.45		2.91		2.8			
	7/6/2022	Rainy	12:55	4.1	3.1	26.90	26.85	8.64	8.65	19.28	19.29	85.10	85.90	6.09	6.16	3.58	2.97	20.6	20.9		
			12:57	4.1	3.1	26.80		8.65		19.30		86.70		6.22		2.35		21.1			
	9/6/2022	Sunny	10:01	4.1	3.1	26.30	26.25	8.26	8.23	21.63	22.65	71.80	72.15	5.13	5.13	4.99	4.58	9.9	10.1		
			9:19	3.4	2.4	26.20		8.19		23.66		72.50		5.13		4.16		10.3			
	11/6/2022	Sunny	10:01	4.1	3.1	27.22	27.18	8.53	8.53	16.42	16.49	111.10	107.60	8.04	7.79	3.64	3.18	5.2	5.0		
			10:03	4.1	3.1	27.14		8.52		16.56		104.10		7.54		2.71		4.8			
	13/6/2022	Sunny	9:31	3.8	2.8	27.62	27.68	7.86	8.08	10.31	13.98	118.70	118.10	8.70	8.53	2.52	2.25	2.3	2.3		
			9:33	3.8	2.8	27.73		8.30		17.64		117.50		8.36		1.98		2.2			
	15/6/2022	Rainy	9:28	4.1	3.2	27.13	27.11	8.95	8.91	21.86	21.87	116.20	116.30	8.17	8.18	2.09	2.10	2.6	2.7		
			9:30	4.2	3.2	27.08		8.86		21.88		116.40		8.19		2.11		2.8			
	17/6/2022	Sunny	12:56	4.1	3.1	26.90	26.90	8.09	8.09	21.40	21.43	78.20	78.20	5.54	5.56	5.01	4.72	2.2	2.3		
			12:58	4.1	3.1	26.90		8.09		21.45		78.20		5.57		4.43		2.3			
	20/6/2022	Sunny	12:52	4.0	3.0	27.30	27.30	8.28	8.28	17.67	18.65	85.70	90.00	6.16	6.47	5.83	5.45	4.6	4.3		
			12:54	4.0	3.0	27.30		8.28		19.63		94.30		6.78		5.07		4.0			
	22/6/2022	Sunny	8:48	3.5	2.5	27.00	27.00	7.76	7.72	23.49	23.62	78.00	76.70	5.34	5.23	8.33	8.38	5.4	5.2		
			8:50	3.5	2.5	27.00		7.68		23.75		75.40		5.12		8.43		5.0			
	24/6/2022	Sunny	8:53	3.7	2.7	27.20	27.25	8.00	8.01	23.84	23.69	97.50	97.20	6.70	6.74	6.17	6.15	1.0	1.1		
			8:55	3.7	2.7	27.30		8.01		23.54		96.90		6.78		6.13		1.1			
	28/6/2022	Sunny	9:22	3.8	2.8	28.10	28.10	8.01	8.03	21.31	21.37	99.40	98.65	6.84	6.78	6.09	6.12	3.0	3.1		
			9:24	3.8	2.8	28.10		8.05		21.42		97.90		6.71		6.15		3.2			
	30/6/2022	Sunny	9:11	4.0	3.0	27.40	27.40	8.27	8.28	18.62	18.51	96.60	92.05	6.81	6.51	5.79	5.62	3.9	4.1		
			9:13	4.0	3.0	27.40		8.29		18.39		87.50		6.20		5.44		4.2			

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 (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	2/6/2022	Rainy	8:57	3.8	2.8	26.80	26.80	8.30	8.31	23.14	23.21	72.80	73.70	5.11	5.17	1.85	1.44	<1.0	1.0		
			8:59	3.8	2.8	26.80		8.31		23.28		74.60		5.23		1.02		<1.0			
	4/6/2022	Cloudy	8:59	3.4	2.4	27.10	27.20	8.26	8.29	20.36	20.28	78.80	78.25	5.59	5.55	1.64	2.04	2.6	2.5		
			9:01	3.4	2.4	27.30		8.31		20.19		77.70		5.50		2.44		2.4			
	7/6/2022	Rainy	9:24	3.7	2.7	27.10	27.05	8.36	8.38	19.85	19.79	78.40	77.70	5.58	5.54	4.39	2.96	4.9	4.7		
			9:26	3.7	2.7	27.00		8.39		19.73		77.00		5.50		4.63		4.4			
	9/6/2022	Sunny	12:53	3.2	2.2	26.10	26.10	8.50	8.46	20.45	21.36	71.40	72.40	5.15	5.21	4.12	4.99	5.2	5.5		
			12:55	3.2	2.2	26.10		8.42		22.26		73.40		5.26		5.85		5.7			
	11/6/2022	Sunny	12:49	3.1	2.1	27.24	27.23	7.52	7.54	7.59	7.63	114.70	114.10	8.57	8.53	3.70	3.33	3.5	3.7		
			12:51	3.1	2.1	27.22		7.56		7.66		113.50		8.48		2.96		3.9			
	13/6/2022	Sunny	13:00	3.1	2.1	28.29	28.28	8.81	8.85	18.20	18.23	112.90	112.70	7.95	7.94	2.69	1.95	2.4	2.3		
			13:02	3.1	2.1	28.27		8.89		18.26		112.50		7.92		1.20		2.2			
	15/6/2022	Rainy	12:58	3.1	2.1	27.78	27.72	8.67	8.73	21.76	21.83	112.90	112.95	7.86	7.87	2.82	2.61	4.4	4.6		
			13:00	3.1	2.1	27.65		8.78		21.89		113.00		7.87		2.40		4.7			
	17/6/2022	Sunny	9:50	3.9	2.9	26.40	26.40	7.66	7.67	23.06	23.11	74.20	71.95	5.25	5.09	4.26	4.65	1.8	1.8		
			9:52	3.9	2.9	26.40		7.68		23.15		69.70		4.93		5.03		1.7			
	20/6/2022	Sunny	9:02	3.2	2.2	26.80	26.80	7.81	7.82	18.95	18.95	74.00	75.50	5.32	5.43	6.80	6.71	4.4	4.2		
			9:04	3.2	2.2	26.80		7.83		18.95		77.00		5.53		6.61		4.0			
	22/6/2022	Sunny	13:01	3.7	2.7	27.80	27.85	8.36	8.37	18.20	17.96	88.50	92.25	6.25	6.49	8.80	8.77	9.5	9.4		
			13:03	3.7	2.7	27.90		8.38		17.72		96.00		6.73		8.74		9.2			
	24/6/2022	Sunny	12:53	3.6	2.6	30.30	30.20	8.43	8.43	17.14	17.09	94.90	95.30	6.45	6.43	4.91	4.97	2.8	2.9		
			12:55	3.6	2.6	30.10		8.43		17.04		95.70		6.41		5.02		3.0			
	28/6/2022	Sunny	12:50	3.6	2.6	30.30	30.20	8.43	8.43	17.14	17.09	94.90	95.30	6.45	6.46	4.91	4.97	2.1	2.2		
			12:52	3.6	2.6	30.10		8.43		17.04		95.70		6.47		5.02		2.3			
	30/6/2022	Sunny	12:45	3.8	2.8	28.59	28.58	8.72	9.59	16.67	16.70	96.90	106.60	6.84	7.53	3.03	3.16	2.1	2.2		
			12:47	3.9	2.8	28.66		9.46		16.72		116.30		8.22		3.29		2.3			

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
SR6	2/6/2022	Rainy	12:33	3.1	1.6	27.30	27.25	8.47	8.48	24.45	24.43	75.50	76.45	5.22	5.29	1.42	1.28	2.6	2.7		
			12:35	3.1	1.6	27.20		8.48		24.41		77.40		5.36		1.14		2.7			
	4/6/2022	Cloudy	12:31	2.9	1.5	28.10	27.35	8.41	8.39	20.88	23.02	75.00	76.40	5.22	5.32	1.39	1.41	4.0	3.8		
			12:33	2.9	1.5	26.60		8.37		25.16		77.80		5.42		1.42		3.6			
	7/6/2022	Rainy	12:24	2.8	1.4	26.10	26.40	8.52	8.55	21.59	20.60	80.60	83.20	5.78	5.97	3.05	3.04	3.6	3.4		
			12:26	2.8	1.4	26.70		8.57		19.60		85.80		6.16		3.03		3.1			
	9/6/2022	Sunny	9:30	2.8	1.4	26.10	26.10	8.28	8.29	24.89	24.11	71.80	72.15	5.06	5.11	2.91	3.31	2.4	2.5		
			9:32	2.8	1.4	26.10		8.30		23.33		72.50		5.15		3.70		2.6			
	11/6/2022	Sunny	10:15	2.7	1.4	27.27	27.27	7.83	8.11	12.04	16.11	114.50	114.45	8.49	8.30	2.41	2.52	2.9	3.1		
			10:17	2.7	1.4	27.26		8.39		20.17		114.40		8.11		2.62		3.2			
	13/6/2022	Sunny	9:46	2.8	1.4	27.67	27.68	8.73	8.34	20.52	17.64	114.10	115.55	8.02	8.13	4.58	4.45	2.8	2.7		
			9:48	2.8	1.5	27.68		7.94		14.75		117.00		8.23		4.31		2.5			
	15/6/2022	Rainy	9:46	2.8	1.5	27.01	27.01	8.84	8.86	20.63	20.51	113.90	114.05	8.08	8.10	2.55	2.41	2.2	2.3		
			9:48	2.9	1.5	27.00		8.88		20.38		114.20		8.12		2.27		2.4			
	17/6/2022	Sunny	12:35	2.8	1.4	26.90	26.80	8.03	8.04	23.90	23.52	76.00	76.65	5.30	5.37	4.32	4.38	1.6	1.7		
			12:37	2.8	1.4	26.70		8.04		23.13		77.30		5.44		4.43		1.7			
	20/6/2022	Sunny	12:30	2.8	1.4	27.20	27.15	8.24	8.25	17.82	17.82	89.80	89.90	6.46	6.47	5.49	5.51	2.4	2.5		
			12:32	2.8	1.4	27.10		8.25		17.81		90.00		6.48		5.53		2.5			
	22/6/2022	Sunny	9:09	2.9	1.5	27.20	27.20	7.99	8.00	18.95	18.97	78.60	77.85	5.58	5.52	5.74	5.64	3.3	3.4		
			9:11	2.9	1.5	27.20		8.01		18.98		77.10		5.46		5.54		3.5			
	24/6/2022	Sunny	9:18	2.8	1.4	27.60	27.60	8.20	8.22	22.23	22.14	96.90	95.55	6.65	6.57	5.96	6.13	3.2	3.1		
			9:20	2.8	1.4	27.60		8.23		22.05		94.20		6.48		6.30		3.0			
	28/6/2022	Sunny	9:33	2.8	1.4	28.70	28.70	8.30	8.31	18.93	18.91	94.90	94.65	6.50	6.54	4.93	4.92	2.3	2.4		
			9:35	2.8	1.4	28.70		8.31		18.88		94.40		6.58		4.91		2.4			
	30/6/2022	Sunny	9:33	2.8	1.4	28.00	28.00	8.43	8.44	17.77	17.73	86.90	86.20	6.10	6.16	4.60	4.61	2.2	2.2		
			9:35	2.8	1.4	28.00		8.44		17.68		85.50		6.21		4.61		2.2			

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 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	2/6/2022	Rainy	9:22	2.6	1.3	26.80	26.75	8.38	8.38	22.94	22.93	78.50	78.00	5.52	5.49	1.84	1.78	2.6	1.9		
			9:24	2.6	1.3	26.70		8.38		22.91		77.50		5.46		1.72		1.2			
	4/6/2022	Cloudy	9:15	2.9	1.5	27.50	27.50	8.35	8.35	20.62	20.63	76.60	74.95	5.39	5.28	1.23	1.27	2.6	2.4		
			9:17	2.9	1.5	27.50		8.34		20.64		73.30		5.16		1.31		2.2			
	7/6/2022	Rainy	9:38	2.8	1.4	26.80	26.75	8.38	8.38	20.55	21.24	76.80	76.85	5.47	5.46	3.23	2.74	2.6	2.7		
			9:40	2.8	1.4	26.70		8.37		21.92		76.90		5.44		2.88		2.7			
	9/6/2022	Sunny	12:33	2.9	1.5	26.00	25.75	8.52	8.49	17.49	18.75	74.40	76.45	5.43	5.47	2.66	2.55	2.5	2.7		
			12:35	2.9	1.5	25.50		8.46		20.00		78.50		5.51		2.44		2.9			
	11/6/2022	Sunny	12:32	2.9	1.5	27.47	27.45	8.15	7.88	14.00	11.24	112.80	109.50	8.27	8.15	3.62	3.34	2.8	2.7		
			12:34	2.9	1.5	27.42		7.81		8.47		106.20		8.02		3.05		2.6			
	13/6/2022	Sunny	12:42	2.8	1.4	28.53	28.56	8.77	8.75	20.78	20.85	111.50	111.55	7.70	7.70	1.68	1.68	2.9	3.1		
			12:44	2.8	1.4	28.58		8.72		20.91		111.60		7.70		1.68		3.2			
	15/6/2022	Rainy	12:38	2.8	1.4	28.07	28.06	8.70	8.72	21.07	21.02	111.20	111.50	7.73	7.76	2.95	2.23	2.5	2.4		
			12:40	2.8	1.4	28.04		8.73		20.97		111.80		7.78		1.50		2.3			
	17/6/2022	Sunny	10:14	2.8	1.4	26.60	26.70	7.84	7.85	23.05	23.05	74.50	72.35	5.26	5.10	4.46	4.49	1.3	1.5		
			10:16	2.8	1.4	26.80		7.85		23.05		70.20		4.93		4.51		1.7			
	20/6/2022	Sunny	9:24	2.9	1.5	26.90	26.90	7.95	7.96	19.14	19.23	83.60	82.55	6.00	5.92	5.51	5.77	3.0	3.1		
			9:26	2.9	1.5	26.90		7.97		19.31		81.50		5.84		6.03		3.2			
	22/6/2022	Sunny	12:35	2.9	1.5	27.80	27.85	8.35	8.35	17.81	17.66	81.60	82.20	5.76	5.81	5.80	5.81	3.5	3.4		
			12:37	2.9	1.5	27.90		8.34		17.51		82.80		5.86		5.81		3.3			
	24/6/2022	Sunny	12:31	2.9	1.5	28.50	28.50	8.36	8.36	21.74	21.77	92.80	94.00	6.48	6.44	5.61	5.71	3.1	2.9		
			12:33	2.9	1.5	28.50		8.36		21.80		95.20		6.40		5.80		2.7			
	28/6/2022	Sunny	12:30	2.9	1.5	28.50	28.50	8.36	8.36	21.74	21.77	92.80	94.00	6.48	6.44	5.61	5.71	2.5	2.4		
			12:32	2.9	1.5	28.50		8.36		21.80		95.20		6.40		5.80		2.2			
	30/6/2022	Sunny	12:30	2.7	1.4	29.00	29.00	8.49	8.50	17.69	17.72	93.80	93.60	6.53	6.55	5.16	5.09	2.1	2.2		
			12:32	2.7	1.4	29.00		8.50		17.74		93.40		6.56		5.02		2.3			

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
SR9	2/6/2022	Rainy	12:22	4.8	1.0	28.30	27.90	8.44	8.45	25.27	25.19	74.30	76.70	5.03	5.23	1.56	1.50	1.2	1.4		
			12:24	4.8	1.0	27.50		8.46		25.10		79.10		5.43		1.43		1.5			
	4/6/2022	Cloudy	12:20	3.9	1.0	28.10	28.10	8.38	8.38	23.89	23.90	74.30	75.90	5.08	5.19	2.03	1.99	4.4	4.5		
	12:22		3.9	1.0	28.10		8.38		23.91		77.50		5.30		1.94		4.6				
	7/6/2022	Rainy	12:27	4.5	1.0	26.40	26.35	8.58	8.59	20.24	20.37	78.50	80.50	5.65	5.79	2.77	2.46	3.5	3.4		
	12:29		4.5	1.0	26.30		8.59		20.50		82.50		5.93		2.14		3.2				
	9/6/2022	Sunny	9:43	4.4	1.0	26.30	26.25	8.33	8.34	21.74	22.36	71.10	72.40	5.08	5.16	2.44	2.24	1.8	1.9		
	9:45		4.4	1.0	26.20		8.34		22.97		73.70		5.23		2.03		1.9				
	11/6/2022	Sunny	10:27	4.6	1.0	27.36	27.37	8.38	8.14	19.62	16.40	114.10	115.30	8.10	8.25	2.01	1.98	1.6	1.7		
	10:29		4.6	1.0	27.38		7.90		13.18		116.50		8.39		1.94		1.8				
	13/6/2022	Sunny	9:59	5.3	1.0	28.00	28.00	8.81	8.31	19.06	14.27	113.30	114.70	7.97	8.19	3.39	2.71	2.4	2.3		
	10:01		5.3	1.0	27.99		7.81		9.47		116.10		8.41		2.03		2.1				
	15/6/2022	Rainy	10:01	5.5	1.0	27.65	27.68	8.82	8.83	20.38	20.57	111.00	111.20	7.81	7.81	2.66	2.44	1.6	1.7		
	10:03		5.4	1.0	27.71		8.84		20.75		111.40		7.81		2.21		1.7				
	17/6/2022	Sunny	12:22	5.5	1.0	26.80	26.80	8.01	8.01	24.53	24.57	79.80	76.80	5.15	5.32	4.13	4.04	2.5	2.5		
	12:24		5.5	1.0	26.80		8.01		24.60		79.80		5.49		3.94		2.4				
	20/6/2022	Sunny	12:19	5.3	1.0	27.20	150.70	8.18	8.20	19.50	19.51	83.80	74.55	5.97	6.03	4.64	4.59	2.7	2.6		
	12:21		5.3	1.0	27.420		8.21		19.51		65.30		6.08		4.53		2.5				
	22/6/2022	Sunny	9:23	4.1	1.0	27.30	27.30	8.02	8.04	18.77	18.76	81.50	81.95	5.81	5.85	6.22	6.16	2.8	2.7		
	9:25		4.1	1.0	27.30		8.05		18.74		82.40		5.89		6.09		2.5				
	24/6/2022	Sunny	9:31	4.3	1.0	26.60	27.75	8.20	8.24	20.05	19.53	97.30	97.65	6.70	6.73	4.56	4.61	1.7	1.7		
	9:33		4.3	1.0	26.90		8.28		19.00		98.00		6.75		4.65		1.6				
	28/6/2022	Sunny	9:47	4.0	1.0	28.80	28.80	8.35	8.37	18.18	18.27	97.20	97.80	6.69	6.76	4.79	4.96	2.9	2.9		
	9:49		4.0	1.0	28.80		8.38		18.35		98.40		6.83		5.12		2.8				
	30/6/2022	Sunny	9:47	4.9	1.0	28.10	28.10	8.48	8.49	17.00	16.99	89.00	90.60	6.29	6.37	5.10	4.93	3.0	2.9		
	9:49		4.9	1.0	28.10		8.49		16.97		92.20		6.45		4.76		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 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	2/6/2022	Rainy	9:35	4.9	1.0	27.00	26.95	8.39	8.40	23.93	23.97	73.50	75.00	5.12	5.23	1.41	1.32	1.2	1.2
			9:37	4.9	1.0	26.90		8.40		24.01		76.50		5.34		1.23		1.2	
	4/6/2022	Cloudy	9:30	4.7	1.0	27.00	27.05	8.35	8.35	20.83	20.81	74.40	72.95	5.27	5.22	1.44	1.54	1.4	1.6
	9:32		4.7	1.0	27.10		8.35		20.79		71.50		5.16		1.64		1.7		
	7/6/2022	Rainy	9:51	4.1	1.0	26.70	26.70	8.40	8.41	21.06	20.85	80.00	79.80	5.69	5.68	2.12	1.93	3.8	3.6
	9:53		4.1	1.0	26.70		8.42		20.64		79.60		5.67		2.76		3.4		
	9/6/2022	Sunny	12:21	4.5	1.0	26.20	26.20	8.49	8.47	19.74	21.12	73.20	74.65	5.30	5.37	1.64	2.68	1.5	1.5
	12:23		4.5	1.0	26.20		8.44		22.50		76.10		5.43		3.71		1.4		
	11/6/2022	Sunny	12:20	4.2	1.0	27.64	27.65	8.58	8.54	18.81	12.89	100.60	100.40	7.13	7.27	2.12	2.01	2.9	2.8
	12:22		4.2	1.0	27.66		8.50		6.96		100.20		7.41		1.89		2.7		
	13/6/2022	Sunny	12:29	4.6	1.0	28.86	28.86	8.81	8.82	21.15	21.09	114.80	114.25	7.88	7.85	1.97	1.93	2.4	2.6
	12:31		4.6	1.0	28.86		8.82		21.02		113.70		7.81		1.89		2.8		
	15/6/2022	Rainy	12:23	5.2	1.0	27.96	27.98	8.67	8.70	21.62	21.64	106.10	109.50	7.36	7.60	1.95	1.83	3.0	2.9
	12:25		5.2	1.0	27.96		8.73		21.66		112.90		7.84		1.70		2.7		
	17/6/2022	Sunny	10:27	5.2	1.0	26.50	26.55	7.83	7.84	23.57	23.53	77.20	77.15	5.43	5.43	4.12	4.03	1.2	1.3
	10:29		5.2	1.0	26.60		7.84		23.48		77.10		5.42		3.93		1.3		
	20/6/2022	Sunny	9:37	4.3	1.0	26.58	26.74	8.00	8.01	19.49	19.49	75.20	76.40	5.38	5.47	4.39	4.39	3.6	3.7
	9:39		4.3	1.0	26.90		8.02		19.49		77.60		5.56		4.39		3.8		
	22/6/2022	Sunny	12:22	4.6	1.0	28.10	28.10	8.22	8.25	18.39	18.38	91.30	93.80	6.46	6.62	5.49	5.51	4.4	4.4
	12:24		4.6	1.0	28.10		8.27		18.36		96.30		6.77		5.52		4.4		
	24/6/2022	Sunny	12:18	4.4	1.0	30.10	30.20	8.37	8.38	17.56	17.54	93.80	91.40	6.41	6.61	4.98	4.87	3.7	3.6
	12:20		4.4	1.0	30.30		8.38		17.52		89.00		6.81		4.76		3.4		
	28/6/2022	Sunny	12:21	4.4	1.0	30.10	30.20	6.41	6.21	17.56	17.54	93.80	91.45	8.37	8.38	4.98	4.87	2.3	2.3
	12:21		4.4	1.0	30.30		6.00		17.52		89.10		8.38		4.76		2.2		
	30/6/2022	Sunny	12:19	5.0	1.0	28.10	28.10	8.37	8.44	17.13	17.08	92.90	89.85	6.63	6.41	5.15	5.19	2.1	2.2
	12:21		5.0	1.0	28.10		8.51		17.03		86.80		6.19		5.23		2.2		

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	2/6/2022	Rainy	12:25	4.8	3.8	27.10	27.15	8.46	8.46	24.45	50.88	73.40	75.35	5.06	5.19	3.69	3.46	2.8	2.6		
			12:27	4.8	3.8	27.20		8.46		24.45		77.30		75.35	5.32		3.22		2.4		
	4/6/2022	Cloudy	12:23	3.9	2.9	28.30	28.35	8.41	8.41	21.02	20.94	73.80	74.85	5.11	5.19	1.15	1.76	2.4	2.2		
			12:25	3.9	2.9	28.40		8.41		20.85		75.90		5.26		2.36		2.0			
	7/6/2022	Rainy	12:16	4.5	3.5	26.30	26.30	8.49	8.48	22.95	22.87	76.30	77.40	5.53	5.56	2.90	2.67	1.8	1.7		
			12:18	4.5	3.5	26.30		8.47		22.79		78.50		5.58		2.44		1.6			
	9/6/2022	Sunny	9:46	4.4	3.4	26.30	26.25	8.40	8.38	21.37	22.04	72.80	72.80	5.21	5.20	1.88	1.81	2.6	2.5		
			9:48	4.4	3.4	26.20		8.36		22.71		72.80		5.18		1.73		2.4			
	11/6/2022	Sunny	10:35	4.6	3.6	27.25	27.23	8.29	8.22	21.06	18.89	115.90	110.10	8.09	7.82	1.95	2.03	2.5	2.7		
			10:37	4.6	3.6	27.20		8.14		16.72		104.30		7.54		2.11		2.8			
	13/6/2022	Sunny	10:02	5.3	4.3	27.77	27.73	7.47	7.67	19.14	18.32	91.40	102.00	6.45	7.21	1.95	1.60	1.6	1.7		
			10:04	5.3	4.4	27.69		7.87		17.49		112.60		7.97		1.25		1.8			
	15/6/2022	Rainy	10:04	5.5	4.4	29.19	28.24	9.05	9.01	18.88	19.84	111.90	112.80	8.00	8.02	1.73	1.88	1.4	1.3		
			10:06	5.4	4.4	27.28		8.96		20.80		113.70		8.03		2.03		1.2			
	17/6/2022	Sunny	12:25	5.5	4.5	26.80	26.75	8.02	8.02	24.44	24.48	75.60	74.70	5.28	5.04	4.27	4.50	1.3	1.2		
			12:27	5.5	4.5	26.70		8.01		24.51		73.80		4.79		4.73		1.1			
	20/6/2022	Sunny	12:22	5.3	4.3	27.20	27.20	8.22	8.23	19.51	19.52	84.60	83.90	6.02	5.97	4.73	4.60	3.0	3.2		
			12:24	5.3	4.3	27.20		8.23		19.52		83.20		5.92		4.47		3.3			
	22/6/2022	Sunny	9:26	4.1	3.1	17.30	22.35	8.10	8.12	18.75	18.74	79.90	80.10	5.62	5.65	5.15	5.16	2.3	2.2		
			9:28	4.1	3.1	17.40		8.13		18.72		80.30		5.67		5.16		2.1			
	24/6/2022	Sunny	9:34	4.3	3.3	28.30	28.35	8.30	8.32	20.68	20.46	103.50	106.45	7.17	7.28	5.30	5.37	2.4	2.5		
			9:36	4.3	3.3	28.40		8.33		20.24		109.40		7.38		5.43		2.6			
	28/6/2022	Sunny	9:50	4.0	3.0	28.60	28.60	8.31	8.31	19.64	19.43	90.90	91.35	6.21	6.25	6.10	6.10	4.2	4.1		
			9:52	4.0	3.0	28.60		8.31		19.21		91.80		6.28		6.09		3.9			
	30/6/2022	Sunny	9:50	4.9	3.9	28.10	28.10	8.48	8.49	17.01	17.00	89.40	86.25	6.28	8.49	4.76	4.76	3.6	3.8		
			9:52	4.9	3.9	28.10		8.50		16.98		83.10		8.50		4.75		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 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	2/6/2022	Rainy	9:38	4.9	3.9	26.80	26.85	8.41	8.41	24.86	24.86	77.30	77.25	5.37	5.37	2.21	1.97	1.9	1.9		
			9:40	4.9	3.9	26.90		8.41		24.86		77.20		5.37		1.72		1.8			
	4/6/2022	Cloudy	9:33	4.7	3.7	26.90	26.85	8.30	8.30	26.30	26.20	74.00	75.29	5.10	5.20	2.63	2.14	3.0	2.9		
			9:35	4.7	3.7	26.80		8.30		26.10		76.58		5.30		1.64		2.7			
	7/6/2022	Rainy	9:54	4.1	3.1	26.70	26.70	8.40	8.40	22.30	22.14	75.60	77.30	5.34	5.47	4.71	2.92	4.9	5.1		
			9:56	4.1	3.1	26.70		8.40		21.97		79.00		5.59		3.05		5.2			
	9/6/2022	Sunny	12:24	4.5	3.5	26.10	26.15	8.51	8.50	19.03	19.46	71.40	74.85	5.17	5.42	2.24	1.95	3.2	3.1		
			12:26	4.5	3.5	26.20		8.49		19.89		78.30		5.66		1.65		3.0			
	11/6/2022	Sunny	12:23	4.2	3.2	27.45	27.51	8.05	8.32	13.89	16.44	118.10	115.85	8.39	8.23	1.70	2.22	3.0	3.3		
			12:25	4.2	3.2	27.57		8.58		18.98		113.60		8.06		2.73		3.5			
	13/6/2022	Sunny	12:32	4.6	3.6	28.28	28.28	8.70	8.74	19.51	19.71	114.90	114.20	8.03	7.98	1.64	1.61	3.7	3.9		
			12:34	4.6	3.6	28.27		8.77		19.91		113.50		7.92		1.57		4.0			
	15/6/2022	Rainy	12:26	5.2	4.2	27.66	27.69	8.81	8.74	21.75	21.52	113.60	113.70	7.92	7.94	1.81	1.75	2.2	2.4		
			12:28	5.2	4.2	27.71		8.67		21.29		113.80		7.95		1.89		2.5			
	17/6/2022	Sunny	10:30	5.2	4.2	26.50	26.50	7.86	7.87	23.57	23.54	73.80	70.60	5.19	4.97	4.91	5.24	1.8	1.9		
			10:32	5.2	4.2	26.50		7.87		23.50		67.40		4.75		5.56		1.9			
	20/6/2022	Sunny	9:40	4.3	3.3	26.80	26.80	8.05	8.05	19.52	19.52	78.70	78.45	5.64	5.62	4.50	4.56	4.6	4.4		
			9:42	4.3	3.3	26.80		8.04		19.52		78.20		5.60		4.62		4.2			
	22/6/2022	Sunny	12:25	4.6	3.6	28.20	28.25	8.30	8.31	18.47	18.47	95.20	94.40	6.64	6.50	5.54	5.52	3.4	3.6		
			12:27	4.6	3.6	28.30		8.31		18.47		93.60		6.35		5.50		3.7			
	24/6/2022	Sunny	12:21	4.4	3.4	29.00	29.10	8.36	8.39	20.40	19.97	119.20	117.40	7.77	7.80	5.23	5.02	4.0	4.1		
			12:23	4.4	3.4	29.20		8.41		19.54		115.60		7.83		4.80		4.2			
	28/6/2022	Sunny	12:22	4.4	3.4	29.00	29.10	7.77	7.80	20.40	19.97	119.20	117.40	8.36	8.39	5.23	5.02	2.6	2.8		
			12:24	4.4	3.4	29.20		7.83		19.54		115.60		8.41		4.80		2.9			
	30/6/2022	Sunny	12:22	5.0	4.0	28.10	28.05	8.52	8.53	17.09	17.09	88.60	89.40	6.36	6.30	5.53	5.60	3.3	3.5		
			12:24	5.0	4.0	28.00		8.54		17.08		90.20		6.24		5.67		3.7			

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 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	2/6/2022	Rainy	12:13	2.8	1.4	27.80	27.75	8.47	8.47	24.96	24.86	76.90	76.35	5.26	5.23	1.23	1.10	1.4	1.6		
			12:15	2.9	1.4	27.70	27.75	8.46	8.47	24.75	24.86	75.80	76.35	5.19	5.23	0.96	1.10	1.5	1.6		
	4/6/2022	Cloudy	12:15	2.7	1.4	26.10	27.15	8.42	8.42	21.49	21.49	75.20	76.10	5.21	5.27	1.25	1.29	3.1	3.3		
			12:17	2.7	1.4	28.20	27.15	8.42	8.42	21.49	21.49	77.00	76.10	5.33	5.27	1.32	1.29	3.4	3.3		
	7/6/2022	Rainy	12:19	2.9	1.5	26.60	26.65	8.57	8.57	20.39	20.43	78.10	77.90	5.59	5.57	1.78	1.73	3.9	3.8		
			12:21	2.9	1.5	26.70	26.65	8.56	8.57	20.46	20.43	77.70	77.90	5.55	5.57	1.68	1.73	3.6	3.8		
	9/6/2022	Sunny	10:38	2.9	1.5	26.30	26.25	8.39	8.39	21.77	21.90	72.40	72.60	5.17	5.19	2.44	2.23	2.4	2.3		
			9:54	2.8	1.4	26.20	26.25	8.39	8.39	22.03	21.90	72.80	72.60	5.20	5.19	2.01	2.23	2.2	2.3		
	11/6/2022	Sunny	10:38	2.9	1.5	27.38	27.39	8.32	8.20	20.70	17.86	108.20	106.50	7.62	7.62	1.82	1.64	1.4	1.5		
			10:40	2.9	1.5	27.39	27.39	8.07	8.20	15.01	17.86	104.80	106.50	7.62	7.62	1.46	1.64	1.5	1.5		
	13/6/2022	Sunny	10:08	2.7	1.4	27.83	27.84	8.48	8.27	24.67	18.06	113.40	113.80	7.87	8.11	3.84	3.01	1.5	1.7		
			10:10	2.7	1.4	27.84	27.84	8.06	8.27	11.44	18.06	114.20	113.80	8.35	8.11	2.18	3.01	1.8	1.7		
	15/6/2022	Rainy	10:47	2.9	1.4	27.43	27.40	8.84	8.86	19.28	19.10	110.70	111.55	7.86	7.93	2.29	2.41	2.2	2.2		
			10:49	2.7	1.4	27.36	27.40	8.87	8.86	18.91	19.10	112.40	111.55	8.00	7.93	2.52	2.41	2.1	2.2		
	17/6/2022	Sunny	12:17	2.9	1.5	27.10	27.10	8.01	8.01	23.75	23.76	77.60	75.40	5.41	5.25	3.90	4.07	2.3	2.2		
			12:19	2.9	1.5	27.10	27.10	8.00	8.01	23.76	23.76	75.20	75.40	5.09	5.25	4.23	4.07	2.0	2.2		
	20/6/2022	Sunny	12:13	2.8	1.4	28.10	28.10	8.13	8.13	19.90	19.90	74.50	74.90	5.12	5.20	4.50	4.30	1.2	1.2		
			12:15	2.8	1.4	28.10	28.10	8.13	8.13	19.89	19.90	75.30	74.90	5.27	5.20	4.10	4.30	1.1	1.2		
	22/6/2022	Sunny	9:35	2.8	1.4	17.30	22.35	8.17	8.18	19.06	19.07	80.20	80.05	5.61	5.62	5.55	5.51	3.2	3.1		
			9:37	2.8	1.4	27.40	22.35	8.18	8.18	19.08	19.07	79.90	80.05	5.62	5.62	5.47	5.51	2.9	3.1		
	24/6/2022	Sunny	9:42	2.5	1.3	29.60	29.70	8.35	8.35	17.38	17.32	96.30	93.45	6.60	6.37	4.39	4.39	2.5	2.7		
			9:44	2.5	1.3	29.80	29.70	8.35	8.35	17.26	17.32	90.60	93.45	6.13	6.37	4.39	4.39	2.8	2.7		
	28/6/2022	Sunny	9:58	2.8	1.4	29.10	29.10	8.34	8.35	18.84	18.84	99.25	98.98	6.84	6.78	4.53	4.52	1.2	1.3		
			10:00	2.8	1.4	29.10	29.10	8.36	8.35	18.83	18.84	98.70	98.98	6.71	6.78	4.50	4.52	1.4	1.3		
	30/6/2022	Sunny	9:58	2.8	1.4	28.10	28.10	8.50	8.50	16.91	16.91	88.60	87.50	6.50	6.50	4.50	4.50	3.1	3.0		
			10:00	2.8	1.4	28.10	28.10	8.50	8.50	16.90	16.91	86.40	87.50	6.50	6.50	4.49	4.50	2.9	3.0		

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 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	2/6/2022	Rainy	9:44	2.6	1.3	27.00	27.05	8.41	8.41	24.44	24.44	71.50	70.40	4.96	4.89	2.33	1.80	1.3	1.2		
			9:46	2.6	1.3	27.10	27.05	8.41	8.41	24.44	24.44	69.30	70.40	4.81	4.89	1.26	1.80	1.1	1.2		
	4/6/2022	Cloudy	9:39	2.7	1.4	27.40	27.45	8.37	8.37	21.50	21.46	77.30	77.55	5.42	5.44	1.31	1.28	2.0	2.2		
			9:41	2.7	1.4	27.50	27.45	8.37	8.37	21.41	21.46	77.80	77.55	5.45	5.44	1.25	1.28	2.3	2.2		
	7/6/2022	Rainy	9:59	2.7	1.4	26.80	26.80	8.46	8.43	20.87	22.24	79.60	79.70	5.66	5.63	1.73	1.87	2.8	2.8		
			10:01	2.7	1.4	26.80	26.80	8.40	8.43	23.60	22.24	79.80	79.80	5.59	5.63	3.35	1.87	2.8	2.8		
	9/6/2022	Sunny	12:14	2.6	1.3	25.70	25.75	8.41	8.45	22.41	21.08	72.80	73.00	5.23	5.27	2.00	1.82	2.6	2.5		
			12:16	2.6	1.3	25.80	25.75	8.49	8.45	19.74	21.08	73.20	73.00	5.30	5.27	1.64	1.82	2.4	2.5		
	11/6/2022	Sunny	12:14	2.8	1.4	28.12	28.11	8.11	7.94	15.78	14.28	113.20	106.60	8.10	7.69	1.83	1.88	1.4	1.4		
			12:16	2.8	1.4	28.10	28.11	7.77	7.94	12.78	14.28	100.00	106.60	7.28	7.69	1.92	1.88	1.4	1.4		
	13/6/2022	Sunny	12:21	2.6	1.3	29.42	29.51	8.24	8.52	20.15	20.08	95.40	103.55	6.52	7.07	1.33	1.18	7.3	7.1		
			12:23	2.6	1.3	29.60	29.51	8.79	8.52	20.00	20.08	111.70	103.55	7.61	7.07	1.02	1.18	6.9	7.1		
	15/6/2022	Rainy	12:14	2.4	1.2	28.08	28.09	8.73	8.79	21.10	21.18	114.40	114.55	7.95	7.96	1.58	1.78	2.9	2.8		
			12:16	2.4	1.2	28.10	28.09	8.85	8.79	21.26	21.18	114.70	114.55	7.97	7.96	1.98	1.78	2.7	2.8		
	17/6/2022	Sunny	10:38	2.8	1.4	26.80	26.80	7.90	7.90	23.71	23.73	72.50	73.90	5.07	5.17	3.21	3.06	1.3	1.5		
			10:40	2.8	1.4	26.80	26.80	7.89	7.90	23.75	23.73	75.30	73.90	5.27	5.17	2.91	3.06	1.6	1.5		
	20/6/2022	Sunny	9:47	2.6	1.3	27.00	26.95	8.05	8.06	19.81	19.83	73.40	75.40	5.24	5.38	4.43	4.35	2.2	2.2		
			9:49	2.6	1.3	26.90	26.95	8.06	8.06	19.85	19.83	77.40	75.40	5.52	5.38	4.26	4.35	2.1	2.2		
	22/6/2022	Sunny	12:13	2.7	1.4	29.90	29.90	8.16	8.18	19.15	19.14	82.60	81.85	5.57	5.53	5.56	5.55	3.4	3.6		
			12:15	2.7	1.4	29.90	29.90	8.19	8.18	19.13	19.14	81.10	81.85	5.49	5.53	5.54	5.55	3.7	3.6		
	24/6/2022	Sunny	12:13	2.4	1.2	28.60	28.65	8.44	8.44	19.23	19.21	97.70	95.05	6.76	6.55	4.63	4.68	3.3	3.2		
			12:15	2.4	1.2	28.70	28.65	8.44	8.44	19.18	19.21	92.40	95.05	6.33	6.55	4.73	4.68	3.0	3.2		
	28/6/2022	Sunny	12:14	2.4	1.2	28.60	28.65	67.60	36.97	19.23	19.21	97.70	95.05	8.44	8.44	4.63	4.68	1.6	1.7		
			12:16	2.4	1.2	28.70	28.65	63.33	36.97	19.18	19.21	92.40	95.05	8.44	8.44	4.73	4.68	1.8	1.7		
	30/6/2022	Sunny	12:14	2.8	1.4	29.70	29.75	8.43	8.45	16.36	16.38	91.30	88.45	6.32	6.19	4.91	4.96	2.7	2.8		
			12:16	2.8	1.4	29.80	29.75	8.46	8.45	16.39	16.38	86.60	88.45	6.05	6.19	5.01	4.96	2.8	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 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	2/6/2022	Rainy	12:10	2.8	1.4	27.60	27.65	8.41	8.42	25.01	24.99	79.40	78.10	5.45	5.36	1.28	1.13	1.5	1.4		
			12:12	2.8	1.4	27.70	27.65	8.43	8.42	24.96	24.99	78.80	78.10	5.26	5.36	0.97	1.13	1.2	1.4		
	4/6/2022	Cloudy	12:12	2.9	1.5	28.30	28.20	8.42	8.43	21.45	21.49	71.30	74.65	4.95	5.18	1.27	0.99	3.0	3.2		
			12:14	2.9	1.5	28.10	28.20	8.43	8.43	21.53	21.49	78.00	74.65	5.40	5.18	0.71	0.99	3.4	3.2		
	7/6/2022	Rainy	12:12	2.6	1.3	26.70	26.70	8.50	8.51	22.20	22.18	78.90	79.10	5.61	5.60	3.36	3.13	3.4	3.3		
			12:14	2.6	1.3	26.70	26.70	8.52	8.51	22.16	22.18	79.30	79.10	5.58	5.60	2.89	3.13	3.1	3.3		
	9/6/2022	Sunny	10:39	2.7	1.4	26.20	26.10	8.40	8.40	21.68	21.54	72.20	71.50	5.17	5.09	3.02	2.22	1.4	1.4		
			10:00	2.6	1.3	26.00	26.10	8.39	8.40	21.39	21.54	70.80	71.50	5.00	5.09	1.41	2.22	1.4	1.4		
	11/6/2022	Sunny	10:39	2.7	1.4	27.42	27.44	8.10	8.31	15.08	18.03	111.80	113.15	8.12	8.09	1.34	1.25	1.6	2.0		
			10:41	2.7	1.4	27.45	27.44	8.52	8.31	20.97	20.97	114.50	113.15	8.05	8.09	1.15	1.25	2.4	2.0		
	13/6/2022	Sunny	10:13	2.8	1.4	27.96	27.96	8.72	8.33	19.21	14.55	113.50	114.10	7.96	8.19	2.47	2.20	2.4	2.5		
			10:15	2.8	1.4	27.96	27.96	7.94	8.33	9.88	14.55	114.70	114.10	8.41	8.19	1.93	2.20	2.6	2.5		
	15/6/2022	Rainy	12:10	2.8	1.4	27.51	27.56	8.10	8.44	21.83	21.91	115.90	115.30	8.10	8.05	2.95	2.38	2.4	2.4		
			12:12	2.8	1.4	27.60	27.56	8.78	8.44	21.98	21.91	114.70	115.30	8.00	8.05	1.81	2.38	2.3	2.4		
	17/6/2022	Sunny	12:13	2.8	1.4	27.70	27.80	7.97	7.98	23.63	23.62	75.70	74.75	5.22	5.15	3.86	3.65	1.6	1.5		
			12:15	2.8	1.4	27.90	27.80	7.98	7.98	23.61	23.62	79.80	74.75	5.07	5.15	3.43	3.65	1.3	1.5		
	20/6/2022	Sunny	12:09	2.9	1.5	28.20	28.10	8.15	8.15	19.92	19.94	78.10	78.55	5.46	5.50	4.73	4.56	2.7	2.9		
			12:11	2.9	1.5	28.00	28.10	8.15	8.15	19.95	19.94	79.00	78.55	5.53	5.50	4.39	4.56	3.0	2.9		
	22/6/2022	Sunny	9:40	2.6	1.3	27.60	27.65	8.19	8.19	19.20	18.99	78.80	78.40	5.55	5.53	5.95	5.83	2.6	2.9		
			9:42	2.6	1.3	27.70	27.65	8.19	8.19	18.78	18.99	78.00	78.40	5.50	5.53	5.70	5.83	3.2	2.9		
	24/6/2022	Sunny	9:49	2.8	1.4	28.30	28.25	8.36	8.40	20.64	20.64	117.30	117.05	8.13	8.11	5.55	5.43	3.0	2.8		
			9:51	2.8	1.4	28.20	28.25	8.43	8.40	20.64	20.64	116.80	117.05	8.08	8.11	5.31	5.43	2.6	2.8		
	28/6/2022	Sunny	10:05	2.8	1.4	29.10	29.05	8.37	8.37	19.21	19.13	97.60	98.05	6.67	6.74	5.16	5.30	2.4	2.4		
			10:07	2.8	1.4	29.00	29.05	8.37	8.37	19.05	19.05	98.50	98.05	6.80	6.74	5.43	5.30	2.3	2.4		
	30/6/2022	Sunny	10:05	2.7	1.4	28.20	28.25	8.47	8.48	17.03	17.04	87.60	88.05	8.47	8.48	5.53	5.61	3.5	3.4		
			10:07	2.7	1.4	28.30	28.25	8.48	8.48	17.05	17.04	88.50	88.05	8.48	8.48	5.68	5.61	3.2	3.4		

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 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	2/6/2022	Rainy	9:55	2.7	1.4	26.90	26.90	8.43	8.42	25.26	25.25	76.30	76.90	5.29	5.34	1.04	1.14	1.7	1.8
			9:57	2.7	1.4	26.90	26.90	8.41	8.42	25.24	25.25	77.50	76.90	5.38	5.34	1.24	1.14	1.9	1.8
	4/6/2022	Cloudy	9:44	2.6	1.3	27.60	27.60	8.36	8.37	22.07	22.06	77.40	76.75	5.40	5.35	1.53	1.60	1.7	1.8
			9:46	2.6	1.3	27.60	27.60	8.37	8.37	22.04	22.06	76.10	76.75	5.30	5.35	1.67	1.60	1.8	1.8
	7/6/2022	Rainy	10:05	2.9	1.5	26.90	26.95	8.49	8.49	20.84	20.85	79.80	79.70	5.66	5.65	2.02	2.16	2.6	2.6
			10:07	2.9	1.5	27.00	26.95	8.49	8.49	20.85	20.85	79.60	79.70	5.64	5.65	2.03	2.16	2.5	2.6
	9/6/2022	Sunny	12:10	2.6	1.3	25.60	25.55	8.38	8.39	23.10	23.03	73.90	73.20	5.30	5.26	1.71	1.85	2.1	2.3
			12:12	2.6	1.3	25.50	25.55	8.40	8.39	22.96	23.03	72.50	73.20	5.21	5.26	1.99	1.85	2.4	2.3
	11/6/2022	Sunny	12:09	2.7	1.4	27.73	27.92	8.52	8.17	22.97	18.32	117.70	117.95	8.14	8.23	1.37	1.32	1.2	1.2
			12:11	2.7	1.4	28.10	27.92	7.82	8.17	13.66	18.32	118.20	117.95	8.32	8.23	1.27	1.32	1.2	1.2
	13/6/2022	Sunny	12:11	2.7	1.4	28.88	28.88	8.82	8.79	20.57	20.49	88.70	100.85	6.10	6.74	1.85	1.85	4.3	4.2
			12:13	2.7	1.4	28.88	28.88	8.76	8.79	20.41	20.49	113.00	100.85	7.38	6.74	1.85	1.85	4.0	4.2
	15/6/2022	Rainy	12:10	2.6	1.3	27.51	27.56	8.71	8.75	21.83	21.91	115.90	115.30	8.10	8.05	2.95	2.38	1.6	1.7
			12:12	2.6	1.3	27.60	27.56	8.78	8.75	21.98	21.91	114.70	115.30	8.00	8.05	1.81	2.38	1.7	1.7
	17/6/2022	Sunny	10:43	2.9	1.5	26.60	26.60	7.91	7.91	23.97	23.99	74.50	74.80	5.22	5.25	4.03	3.74	1.3	1.5
			10:45	2.9	1.5	26.60	26.60	7.90	7.91	24.01	23.99	75.10	74.80	5.27	5.25	3.45	3.74	1.6	1.5
	20/6/2022	Sunny	9:54	2.8	1.4	26.90	26.90	8.06	8.08	20.01	20.01	77.30	77.75	5.52	5.55	4.26	4.16	2.8	3.0
			9:56	2.8	1.4	26.90	26.90	8.09	8.08	20.01	20.01	78.20	77.75	5.58	5.55	4.06	4.16	3.1	3.0
	22/6/2022	Sunny	12:10	2.7	1.4	30.10	30.10	8.18	8.18	19.47	19.47	74.00	74.25	4.97	4.97	5.34	5.29	3.3	3.7
			12:12	2.7	1.4	30.10	30.10	8.18	8.18	19.47	19.47	74.50	74.25	4.96	4.97	5.24	5.29	4.0	3.7
	24/6/2022	Sunny	12:10	2.7	1.4	28.00	28.05	8.24	8.31	20.53	20.49	98.30	95.70	6.78	6.61	5.79	5.71	2.9	2.8
			12:12	2.7	1.4	28.10	28.05	8.37	8.31	20.44	20.49	93.10	95.70	6.43	6.61	5.63	5.71	2.6	2.8
	28/6/2022	Sunny	12:11	2.7	1.4	28.00	28.05	6.78	6.61	20.53	20.49	98.30	95.70	8.24	8.31	5.79	5.71	1.9	1.9
			12:13	2.7	1.4	28.10	28.05	6.43	6.61	20.44	20.49	93.10	95.70	8.37	8.31	5.63	5.71	1.8	1.9
	30/6/2022	Sunny	12:11	2.9	1.5	30.10	30.05	8.46	8.47	16.99	17.01	89.40	89.30	6.26	6.23	5.54	5.43	2.3	2.4
			12:13	2.9	1.5	30.00	30.05	8.40	8.47	17.03	17.01	89.20	89.30	6.19	6.23	5.31	5.43	2.4	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 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	2/6/2022	Rainy	12:59	2.7	1.4	27.40	27.45	8.49	8.50	23.58	23.50	78.60	79.25	5.45	5.50
			13:01	2.7	1.4	27.50		8.50		23.42		79.90		5.54		2.14		2.2			
	4/6/2022	Cloudy	12:52	2.8	1.4	27.60	27.60	8.44	8.45	20.30	20.30	76.60	76.75	5.39	5.40	1.59	1.62	3.0	3.2		
			12:54	2.8	1.4	27.60		8.45		20.30		76.90		5.41		1.64		3.4			
	7/6/2022	Rainy	13:00	2.6	1.3	26.60	26.50	8.63	8.61	20.02	20.58	88.20	86.45	6.32	6.19	3.18	2.80	3.4	3.5		
			13:02	2.6	1.3	26.40		8.59		21.14		84.70		6.05		2.41		3.6			
	9/6/2022	Sunny	9:08	2.5	1.3	26.30	26.25	8.14	8.13	22.51	22.32	73.30	73.75	5.21	5.25	3.45	2.74	2.5	2.4		
			9:10	2.5	1.3	26.20		8.11		22.12		74.20		5.29		2.03		2.3			
	11/6/2022	Sunny	9:24	2.8	1.4	27.80	27.35	8.41	8.40	20.90	22.00	117.30	115.80	8.30	8.16	2.87	2.89	2.4	2.3		
			9:26	2.8	1.4	26.90		8.38		23.09		114.30		8.02		2.91		2.2			
	13/6/2022	Sunny	9:22	2.8	1.4	27.85	27.69	7.55	7.94	11.58	15.49	119.30	115.15	8.53	8.21	3.07	3.43	2.6	2.5		
			9:24	2.8	1.4	27.52		8.33		19.40		111.00		7.88		3.79		2.3			
	15/6/2022	Rainy	9:16	2.9	1.5	27.09	26.61	8.72	8.74	21.93	21.87	119.00	118.65	8.37	8.35	3.10	2.98	2.5	2.7		
			9:18	2.9	1.5	26.12		8.76		21.81		118.30		8.32		2.86		2.8			
	17/6/2022	Sunny	12:59	2.9	1.5	26.90	26.90	8.07	8.07	21.16	21.16	74.60	75.00	5.30	5.33	4.53	4.32	1.2	1.2		
			13:01	2.9	1.5	26.90		8.07		21.16		75.40		5.39		4.11		1.1			
	20/6/2022	Sunny	12:54	2.9	1.5	27.10	27.10	8.27	8.28	17.35	17.36	88.40	85.20	6.23	6.10	6.10	6.31	2.6	2.8		
			12:56	2.9	1.5	27.10		8.28		17.37		84.00		5.21		6.51		3.0			
	22/6/2022	Sunny	8:37	2.9	1.5	27.40	27.55	7.45	7.45	17.56	19.76	77.50	77.65	6.28	6.23	10.66	10.71	8.0	7.8		
			8:39	2.9	1.5	27.70		7.45		21.95		77.80		6.17		10.77		7.6			
	24/6/2022	Sunny	8:41	2.7	1.4	27.50	27.60	7.56	7.65	22.57	22.51	98.60	97.75	6.81	6.74	7.72	7.69	3.2	3.4		
			8:43	2.7	1.4	27.70		7.73		22.44		96.90		6.66		7.65		3.5			
	28/6/2022	Sunny	9:00	2.9	1.5	28.20	28.25	7.73	7.77	19.45	19.17	97.20	98.30	6.74	6.78	6.09	6.05	2.3	2.3		
			9:02	2.9	1.5	28.30		7.80		18.88		99.40		6.82		6.00		2.2			
	30/6/2022	Sunny	9:00	2.7	1.4	26.70	27.00	8.09	8.13	19.05	18.68	86.50	87.75	6.14	6.25	6.61	6.67	2.5	2.7		
			9:02	2.7	1.4	27.30		8.17		18.31		89.00		6.35		6.72		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 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	2/6/2022	Rainy	8:46	2.5	1.3	26.70	26.70	8.13	8.16	22.42	22.37	75.90	77.65
			8:48	2.5	1.3	26.70		8.18		22.31		79.40		5.62		1.17		1.3	
	4/6/2022	Cloudy	8:49	2.6	1.3	26.90	26.85	8.10	8.08	20.06	20.11	74.90	74.95	5.35	5.36	3.25	3.26	2.5	2.4
			8:51	2.6	1.3	26.80		8.05		20.15		75.00		5.36		3.27		2.2	
	7/6/2022	Rainy	9:17	2.4	1.2	26.80	26.80	8.17	8.15	20.76	20.05	75.70	76.75	5.39	5.49	5.74	3.38	2.6	2.1
			9:19	2.4	1.2	26.80		8.15		19.33		77.80		5.58		3.69		1.4	
	9/6/2022	Sunny	12:56	2.7	1.4	25.90	25.90	8.43	8.43	22.28	22.25	72.60	72.60	5.20	5.20	6.39	5.56	3.6	3.4
			12:58	2.7	1.4	25.90		8.43		22.22		72.60		5.20		4.72		3.2	
	11/6/2022	Sunny	12:53	2.8	1.4	27.19	27.20	7.77	8.02	8.36	8.11	106.70	110.60	8.01	8.30	2.28	2.43	1.6	1.6
			12:55	2.8	1.4	27.20		8.27		7.86		114.50		8.59		2.57		1.6	
	13/6/2022	Sunny	13:04	2.9	1.5	28.32	28.32	8.73	8.74	18.48	18.36	104.50	108.15	7.34	7.60	1.52	1.52	3.6	3.8
			13:06	2.9	1.5	28.32		8.74		18.24		111.80		7.86		1.51		4.0	
	15/6/2022	Rainy	13:03	2.9	1.5	27.77	27.78	8.87	8.79	19.26	20.35	111.30	111.70	7.86	7.84	2.63	2.72	2.5	2.7
			13:05	2.9	1.5	27.79		8.71		21.44		112.10		7.81		2.80		2.8	
	17/6/2022	Sunny	9:40	2.9	1.5	26.40	26.35	7.51	7.53	22.46	22.60	70.30	66.35	5.00	4.72	5.03	5.03	1.2	1.3
			9:42	2.9	1.5	26.30		7.54		22.73		62.40		4.43		5.03		1.4	
	20/6/2022	Sunny	8:54	2.8	1.4	26.90	26.90	7.81	7.65	18.63	18.61	78.70	78.45	5.66	5.64	9.85	9.44	5.2	5.2
			8:56	2.8	1.4	26.90		7.88		18.58		78.20		5.62		9.03		5.1	
	22/6/2022	Sunny	13:02	2.6	1.3	28.40	28.50	8.41	8.41	16.43	16.24	89.20	91.50	6.21	6.40	5.95	5.86	4.0	3.5
			13:04	2.6	1.3	28.60		8.40		16.05		93.80		6.59		5.76		3.0	
	24/6/2022	Sunny	12:54	2.6	1.3	30.10	30.05	8.43	8.43	17.37	17.38	93.50	93.75	6.37	6.41	5.30	5.37	1.8	1.9
			12:56	2.6	1.3	30.00		8.43		17.38		94.00		6.45		5.44		1.9	
	28/6/2022	Sunny	12:55	2.6	1.3	30.10	30.05	8.43	8.43	17.37	17.38	93.50	93.75	6.37	6.41	5.30	5.37	1.8	1.8
			12:57	2.6	1.3	30.00		8.43		17.38		94.00		6.45		5.44		1.7	
	30/6/2022	Sunny	12:51	2.8	1.4	28.85	28.84	9.65	9.59	16.74	16.73	114.20	115.20	8.03	8.11	3.32	3.31	2.6	2.5
			12:53	2.8	1.4	28.82		9.53		16.71		116.20		8.18		3.30		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 (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	2/6/2022	Rainy	12:00	8.6	1.0	26.74		8.44		25.96		74.40		5.12	1.79		2.11	1.6	1.7		
			12:02	8.6	1.0	26.50	26.62	8.40		27.17	26.56	76.30	75.35	5.12	1.79		2.11	1.6	1.7		
			12:03	8.7	1.0	27.10	27.10	8.42	8.42	21.55	21.62	77.90	77.10	5.49	1.31	0.92	1.12	1.8	1.9		
	4/6/2022	Cloudy	12:05	8.7	1.0	27.10	27.10	8.42	8.42	21.69	21.69	76.30	77.10	5.38	1.31	0.92	1.12	1.8	1.9		
			12:00	8.7	1.0	26.90	27.00	8.48	8.48	22.05	22.33	80.50	79.90	5.68	5.62	2.35	2.40	2.3	2.2		
			12:02	8.7	1.0	27.10	27.10	8.47	8.47	22.60	22.60	79.30	79.30	5.56	5.62	2.44	2.40	2.1	2.1		
	9/6/2022	Sunny	10:08	8.6	1.0	25.90	25.75	8.42	8.40	21.46	22.39	71.20	72.50	5.12	5.21	1.53	1.69	2.5	2.6		
			10:10	8.6	1.0	25.60	25.60	8.38	8.38	23.32	23.32	73.80	73.80	5.29	5.29	1.84	1.84	2.7	2.7		
			10:49	8.4	1.0	27.57	27.54	7.85	8.04	12.13	15.02	95.30	103.95	7.02	7.54	1.43	1.39	1.8	1.7		
	11/6/2022	Sunny	10:51	8.4	1.0	27.51	27.54	8.23	8.04	17.90	15.02	112.60	103.95	8.05	7.54	1.35	1.39	1.5	1.5		
			10:23	8.0	1.0	27.91	27.97	8.55	8.32	21.90	19.31	112.70	114.35	7.82	7.93	2.62	2.34	1.6	1.7		
			10:25	8.0	1.0	28.03	27.97	8.09	8.32	16.72	19.31	116.00	114.35	8.03	7.93	2.05	2.34	1.8	1.7		
	15/6/2022	Rainy	10:26	8.6	1.0	27.36	27.36	8.84	8.85	19.30	19.46	112.60	112.40	8.00	7.98	1.85	1.85	<1.0	1.0		
			10:28	8.6	1.0	27.35	27.36	8.86	8.85	19.62	19.62	112.20	112.40	7.96	7.98	1.85	1.85	<1.0	1.0		
			12:00	9.4	1.0	26.30	26.30	7.95	7.96	24.58	25.61	72.10	74.40	5.97	5.23	3.74	3.56	2.5	2.7		
	17/6/2022	Sunny	12:02	9.4	1.0	26.30	26.30	7.97	7.96	26.63	25.61	76.70	74.40	5.39	5.23	3.37	3.56	2.8	2.7		
			12:00	8.4	1.0	27.30	27.30	8.11	8.13	20.54	20.46	78.10	77.35	5.52	5.47	4.40	4.43	2.8	2.7		
			12:02	8.4	1.0	27.30	27.30	8.14	8.13	20.38	20.46	76.60	77.35	5.42	5.47	4.46	4.43	2.6	2.7		
	22/6/2022	Sunny	9:53	8.4	1.0	27.50	27.50	8.20	8.22	18.28	18.26	98.60	93.25	7.03	6.65	6.20	6.08	3.6	3.6		
			9:55	8.4	1.0	27.50	27.50	8.23	8.22	18.23	18.26	87.90	93.25	6.26	6.65	5.96	6.08	3.4	3.6		
			9:59	8.7	1.0	28.30	28.30	8.41	8.41	19.02	19.10	103.40	102.65	7.12	7.02	6.27	6.23	2.7	2.6		
	24/6/2022	Sunny	10:01	8.7	1.0	28.30	28.30	8.41	8.41	19.17	19.10	101.90	102.65	6.92	7.02	6.19	6.23	2.5	2.6		
			10:15	8.4	1.0	28.70	28.75	8.37	8.37	17.48	17.47	97.80	95.20	6.83	6.63	5.57	5.49	1.6	1.7		
			10:17	8.4	1.0	28.80	28.75	8.37	8.37	17.46	17.47	92.60	95.20	6.43	6.63	5.41	5.49	1.7	1.7		
	30/6/2022	Sunny	10:15	8.8	1.0	28.10	28.15	8.44	8.46	17.12	17.12	84.40	85.30	6.44	6.46	4.62	4.63	3.1	3.1		
			10:17	8.8	1.0	28.20	28.15	8.47	8.46	17.12	17.12	86.20	85.30	8.47	8.46	4.63	4.63	3.0	3.1		
			10:17	8.8	1.0	28.20	28.15	8.47	8.46	17.12	17.12	86.20	85.30	8.47	8.46	4.63	4.63	3.0	3.1		

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 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
CE	2/6/2022	Rainy	10:05	8.4	1.0	27.30	27.25	8.45	8.45	24.24	24.25	78.10	76.30	5.41	5.29	1.32	1.22	1.2	1.2
			10:07	8.4	1.0	27.20	27.25	8.45	8.45	24.25	24.25	74.50	76.30	5.16	5.29	1.12	1.22	1.2	1.2
	4/6/2022	Cloudy	9:54	8.5	1.0	27.10	27.15	8.39	8.39	21.41	21.40	76.80	75.25	5.42	5.31	1.22	1.23	2.2	2.3
			9:56	8.5	1.0	27.20	27.15	8.39	8.39	21.39	21.39	73.70	75.25	5.19	5.31	1.23	1.23	2.4	2.4
	7/6/2022	Rainy	10:14	8.5	1.0	27.00	27.10	8.49	8.49	21.49	21.24	75.00	77.40	5.31	5.47	2.15	1.67	1.4	1.6
			10:16	8.5	1.0	27.20	27.10	8.49	8.49	20.99	21.24	79.80	77.40	5.63	5.47	2.14	1.67	1.8	1.6
	9/6/2022	Sunny	12:00	8.5	1.0	26.20	26.20	8.38	8.36	22.10	23.68	74.10	75.15	5.29	5.32	1.72	1.76	2.6	2.7
			12:02	8.5	1.0	26.20	26.20	8.33	8.36	25.25	23.68	76.20	75.15	5.34	5.32	1.79	1.76	2.8	2.7
			12:09	8.7	1.0	27.93	27.67	9.14	8.60	17.89	16.09	129.30	125.00	9.00	8.91	2.11	1.56	1.3	1.4
	11/6/2022	Sunny	12:11	8.7	1.0	27.41	27.67	8.05	8.60	14.29	16.09	120.70	125.00	8.81	8.91	1.01	1.56	1.4	1.4
			12:00	8.5	1.0	28.06	28.06	8.78	8.77	24.05	24.01	121.10	120.15	8.28	8.22	2.52	2.52	3.1	3.3
			12:02	8.5	1.0	28.06	28.06	8.76	8.77	23.96	24.01	119.20	120.15	8.16	8.22	2.52	2.52	3.4	3.3
	15/6/2022	Rainy	12:00	8.5	1.0	27.14	27.15	10.41	9.51	23.90	23.82	93.50	96.30	6.50	6.70	2.02	2.01	1.1	1.2
			12:02	8.5	1.0	27.15	27.15	8.61	9.51	23.74	23.82	99.10	96.30	6.89	6.70	1.99	2.01	1.3	1.2
			10:54	9.3	1.0	26.80	26.95	7.95	7.95	23.51	23.52	71.80	72.70	5.03	5.08	4.50	4.62	1.4	1.3
	20/6/2022	Sunny	10:56	9.3	1.0	27.10	26.95	7.95	7.95	23.52	23.52	73.60	72.70	5.13	5.08	4.74	4.62	1.2	1.3
			10:05	8.3	1.0	26.70	26.70	8.10	8.10	20.60	20.61	74.40	77.25	5.31	5.52	4.50	4.47	3.0	2.9
			10:07	8.3	1.0	26.70	26.70	8.10	8.10	20.61	20.61	80.10	77.25	5.72	5.52	4.43	4.47	3.0	2.9
	22/6/2022	Sunny	12:00	8.5	1.0	27.00	26.95	8.16	8.16	21.50	21.79	77.20	85.40	5.45	6.02	5.02	4.97	5.2	5.2
			12:02	8.5	1.0	26.90	26.95	8.16	8.16	22.08	21.79	93.60	85.40	6.58	6.02	4.91	4.97	5.1	5.2
			12:00	8.5	1.0	27.00	27.00	8.19	8.21	23.50	23.72	100.90	102.75	6.96	7.06	6.71	6.66	2.4	2.5
	24/6/2022	Sunny	12:02	8.5	1.0	27.00	27.00	8.22	8.21	23.94	23.72	104.60	102.75	7.15	7.06	6.61	6.66	2.5	2.5
			12:00	8.5	1.0	27.00	27.00	6.96	7.06	23.50	23.72	100.90	102.75	8.19	8.21	6.71	6.66	2.7	2.8
			12:02	8.5	1.0	27.00	27.00	7.15	7.06	23.94	23.72	104.60	102.75	8.22	8.21	6.61	6.66	2.9	2.8
	30/6/2022	Sunny	12:00	8.7	1.0	28.00	28.00	8.47	8.49	17.16	17.22	91.20	89.95	6.52	6.42	4.39	4.42	2.9	2.8
			12:02	8.7	1.0	28.00	28.00	8.51	8.49	17.27	17.22	88.70	89.95	6.32	6.42	4.45	4.42	2.6	2.8
			12:02	8.7	1.0	28.00	28.00	8.51	8.49	17.27	17.22	88.70	89.95	6.32	6.42	4.45	4.42	2.6	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 (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
CE	2/6/2022	Rainy	12:03	8.6	4.3	26.00															
			12:05	8.5	4.4	26.40	26.20	8.34	8.36	29.70	28.62	71.10	73.95	4.88	5.09	3.13	2.95	2.4	2.5		
	4/6/2022	Cloudy	12:06	8.7	4.4	27.00	26.70	8.39	8.36	21.41	25.16	74.30	74.50	5.26	5.19	1.55	1.79	1.6	1.6		
			12:08	8.7	4.4	26.40		8.32		28.90		74.70		5.11		2.02		1.5			
	7/6/2022	Rainy	12:03	8.7	4.4	26.60	26.75	8.43	8.47	25.06	23.57	77.90	78.80	5.43	5.54	1.72	1.88	2.7	2.7		
			12:05	8.7	4.4	26.90		8.50		22.07		79.70		5.65		2.03		2.6			
	9/6/2022	Sunny	10:11	8.6	4.3	26.00	26.00	8.43	8.44	21.70	21.70	74.80	72.60	5.37	5.22	1.17	1.51	1.7	1.8		
			10:13	8.6	4.3	26.00		8.45		21.69		70.40		5.06		1.84		1.8			
	11/6/2022	Sunny	10:52	8.4	4.2	27.37	27.42	7.90	7.74	13.86	12.13	115.40	115.45	8.34	8.29	1.10	1.19	1.2	1.3		
			10:54	8.4	4.2	27.46		7.57		10.39		115.50		8.24		1.28		1.4			
	13/6/2022	Sunny	10:26	8.0	4.0	27.46	25.94	8.88	8.83	23.85	23.97	89.60	102.00	6.20	7.06	2.09	1.98	2.8	2.7		
			10:28	8.0	4.0	24.42		8.78		24.08		114.40		7.91		1.86		2.6			
	15/6/2022	Rainy	10:29	8.6	4.3	27.31	27.32	8.88	8.45	19.45	19.33	112.50	112.35	7.99	7.99	1.78	2.52	1.3	1.4		
			10:31	8.6	4.3	27.32		8.02		19.21		112.20		7.98		3.25		1.5			
	17/6/2022	Sunny	12:03	9.4	4.7	26.30	26.30	7.99	7.54	24.50	24.55	76.80	75.05	5.40	5.28	6.13	5.28	2.5	2.5		
			12:05	9.4	4.7	26.30		7.10		24.59		73.30		5.15		4.43		2.4			
	20/6/2022	Sunny	12:03	8.4	4.2	27.20	27.15	8.10	8.10	22.58	22.64	77.60	76.60	5.43	5.37	4.51	4.77	3.3	3.4		
			12:05	8.4	4.2	27.10		8.10		22.70		75.60		5.30		5.03		3.5			
	22/6/2022	Sunny	9:56	8.4	4.2	27.50	27.55	8.24	8.25	18.87	18.57	88.00	86.55	6.20	6.10	5.29	5.37	3.0	2.9		
			9:58	8.4	4.2	27.60		8.26		18.26		85.10		6.00		5.45		2.7			
	24/6/2022	Sunny	10:02	8.7	4.4	27.80	27.85	8.38	8.39	21.25	21.13	102.70	102.95	7.13	7.12	5.84	7.32	3.1	3.2		
			10:04	8.7	4.4	27.90		8.40		21.00		103.20		7.10		8.80		3.3			
	28/6/2022	Sunny	10:18	8.4	4.2	28.50	28.70	8.33	8.36	20.30	19.17	93.50	95.15	6.40	6.56	5.80	5.65	2.5	2.7		
			10:20	8.4	4.2	28.90		8.38		18.04		96.80		6.71		5.50		2.8			
	30/6/2022	Sunny	10:18	8.8	4.4	28.00	28.05	8.47	8.46	17.47	18.21	90.00	90.30	8.47	8.46	5.61	5.58	2.9	2.8		
			10:20	8.8	4.4	28.10		8.44		18.94		90.60		8.44		5.54		2.7			

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 (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
CE	2/6/2022	Rainy	10:08	8.4	4.2	27.20	27.15	8.46	8.46	24.48	24.45	75.30	77.65	5.22	5.39	1.56	1.27	2.2	2.3		
			10:10	8.4	4.2	27.10		8.46		24.42		80.00		5.55		0.98		2.4			
	4/6/2022	Cloudy	9:57	8.5	4.3	27.00	26.45	8.39	8.39	21.41	21.44	74.30	73.50	5.26	5.20	1.18	1.37	2.5	2.7		
			9:58	8.5	4.3	25.90		8.39		21.46		72.70		5.14		1.94		2.8			
	7/6/2022	Rainy	10:17	8.5	4.3	26.60	26.60	8.40	8.40	24.81	24.86	78.90	77.60	5.60	5.42	1.94	1.87	2.2	2.2		
			10:19	8.5	4.3	26.60		8.39		24.91		76.40		5.33		2.82		2.1			
	9/6/2022	Sunny	12:03	8.5	4.3	26.30	26.30	8.41	8.43	22.08	22.03	74.30	74.00	5.29	5.27	1.23	1.51	3.9	4.2		
			12:05	8.5	4.3	26.30		8.44		21.98		73.70		5.25		1.79		4.4			
	11/6/2022	Sunny	12:12	8.7	4.4	27.67	27.59	8.26	8.03	17.67	15.33	125.40	125.90	8.81	8.94	1.25	1.17	1.9	1.9		
			12:14	8.7	4.4	27.50		7.79		12.99		126.40		9.06		1.09		1.8			
	13/6/2022	Sunny	12:03	8.5	4.3	27.57	27.54	8.84	8.84	24.36	24.22	117.90	117.00	8.13	8.07	1.77	1.82	3.7	3.7		
			12:05	8.5	4.3	27.57		8.84		24.07		116.10		8.01		1.87		3.6			
	15/6/2022	Rainy	12:03	8.5	4.3	27.31	27.32	8.88	8.95	19.45	19.33	112.50	112.35	7.99	7.98	1.78	2.52	2.5	2.6		
			12:05	8.5	4.3	27.32		9.02		19.21		112.20		7.97		3.25		2.7			
	17/6/2022	Sunny	10:57	9.3	4.7	26.70	26.70	7.95	7.95	23.52	23.52	75.30	72.50	5.29	5.09	5.02	4.58	1.6	1.8		
			10:59	9.3	4.7	26.70		7.95		23.52		69.70		4.89		4.13		1.9			
	20/6/2022	Sunny	10:08	8.3	4.2	26.70	26.70	8.11	8.11	20.65	20.58	73.70	72.75	5.26	5.19	4.53	4.52	3.2	3.4		
			10:10	8.3	4.2	26.70		8.11		20.51		71.80		5.12		4.51		3.6			
	22/6/2022	Sunny	12:03	8.5	4.3	27.00	26.95	8.17	8.15	21.80	22.54	82.00	79.50	5.64	5.47	5.49	5.51	4.2	4.4		
			12:05	8.5	4.3	26.90		8.13		23.27		77.00		5.30		5.52		4.5			
	24/6/2022	Sunny	12:03	8.5	4.3	26.90	25.65	8.23	8.19	24.02	25.52	101.50	88.10	9.96	7.53	5.80	5.87	2.9	2.8		
			12:05	8.5	4.3	24.40		8.14		27.03		74.70		5.10		5.94		2.7			
	28/6/2022	Sunny	12:03	8.5	4.3	26.90	26.65	6.96	6.03	24.07	25.55	101.50	88.10	8.23	8.19	5.80	5.87	2.5	2.4		
			12:05	8.5	4.3	26.40		5.10		27.03		74.70		8.14		5.94		2.3			
	30/6/2022	Sunny	12:03	8.7	4.4	27.90	27.80	8.50	8.43	17.89	20.13	87.20	86.70	6.25	6.20	6.08	6.09	3.2	3.3		
			12:05	8.7	4.4	27.70		8.36		22.37		86.20		6.14		6.09		3.4			

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 (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	2/6/2022	Rainy	12:06	8.6	7.6	26.30															
			12:08	8.5	7.6	26.90	26.60	8.31	8.32	30.28	29.83	75.60	75.60	429.55	5.06	2.54	2.59	3.0	3.2		
			12:09	8.5	7.7	26.60		8.32	8.32	29.98		76.50	76.50			4.98		2.63		3.4	
	4/6/2022	Cloudy	12:09	8.7	7.7	26.60	26.60	8.32	8.32	28.52	28.52	74.30	74.30	5.08	5.08	2.83	2.83	1.2	1.2		
			12:11	8.7	7.7	26.60		8.32	8.32	28.52		74.30	74.30			5.08		2.83		1.2	
			12:06	8.7	7.7	26.60	26.60	8.42	8.42	25.70	25.34	78.30	78.25	5.46	5.46	2.14	2.04	3.2	3.4		
	7/6/2022	Rainy	12:08	8.7	7.7	26.60															
			12:08	8.7	7.7	26.60	26.60	8.42	8.42	24.98		78.20	78.20	5.46	5.46	1.94		3.5			
			10:14	8.6	7.6	25.50	25.50	8.32	8.31	27.12	27.36	68.70	68.30	4.82	4.79	1.31	1.21	1.5	1.4		
	9/6/2022	Sunny	10:16	8.6	7.6	25.50															
			10:16	8.6	7.6	25.50	25.50	8.30		27.60		67.90		4.75		1.10		1.3			
			10:55	8.4	7.4	27.35	27.34	7.98	7.91	13.05	12.48	116.70	115.75	8.32	8.39	1.53	1.34	<1.0	1.0		
	11/6/2022	Sunny	10:57	8.4	7.4	27.33															
			10:57	8.4	7.4	27.33	27.34	7.84	7.91	11.90		114.80		8.45		1.14		<1.0			
			10:29	8.0	7.0	27.12	27.12	8.60	8.22	26.67	20.58	113.30	112.40	7.76	7.86	2.08	1.80	4.2	4.0		
	13/6/2022	Sunny	10:31	8.0	7.0	27.11															
			10:31	8.0	7.0	27.11	27.12	7.84	8.22	14.49		111.50		7.95		1.52		3.8			
			10:32	8.6	7.6	27.28	27.28	8.73	8.75	21.52	21.39	112.10	112.15	7.88	7.89	1.46	1.65	1.9	1.8		
	15/6/2022	Rainy	10:34	8.6	7.6	27.28															
			10:34	8.6	7.6	27.28	27.28	8.77		21.25		112.20		7.90		1.84		1.7			
			12:06	9.4	8.4	26.20	26.20	7.99	8.00	24.84	24.82	77.70	77.25	5.46	5.43	3.73	3.44	2.7	2.8		
	17/6/2022	Sunny	12:06	9.4	8.4	26.20															
			12:06	9.4	8.4	26.20	26.20	8.00		24.90		76.90		5.39		3.14		2.9			
			12:06	8.4	7.4	27.10	27.05	8.10	8.10	22.70	22.77	75.60	73.25	5.29	5.63	4.27	4.45	4.4	4.5		
	20/6/2022	Sunny	12:08	8.4	7.4	27.00															
			12:08	8.4	7.4	27.00	27.05	8.10		22.84		70.90		5.97		4.62		4.6			
			9:59	8.4	7.4	27.00															
	22/6/2022	Sunny	10:01	8.4	7.4	27.30	27.15	8.13	8.13	22.12	22.51	80.80	81.10	5.45	5.52	5.43	5.38	1.9	1.8		
			10:05	8.7	7.7	26.90	27.00	8.21	8.24	25.04	24.56	99.00	98.90	6.77	6.70	6.09	6.09	3.6	3.7		
			10:07	8.7	7.7	27.10		8.27		24.07		98.80		6.63		6.08		3.8			
28/6/2022	Sunny	10:21	8.4	7.4	26.70	26.70	8.08	8.09	28.88	29.38	69.80	66.90	4.50	4.36	5.00	4.99	3.5	3.5			
		10:23	8.4	7.4	26.70		8.10		29.88		64.00		4.22		4.98		3.4				
		10:23	8.8	7.8	28.00	28.05	8.47	8.48	17.36	17.29	87.80	86.80	8.47	8.48	6.19	6.17	2.3	2.4			
30/6/2022	Sunny	10:25	8.8	7.8	28.10																
		10:25	8.8	7.8	28.10	28.05	8.49	8.48	17.22		85.80		8.49		6.14		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 (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	2/6/2022	Rainy	10:11	8.4	7.4	26.50	26.55	8.33	8.35	28.97	28.90	73.50	73.90	5.02	5.05	2.08	2.16	2.7	2.7		
			10:13	8.4	7.4	26.60		8.36		28.82		74.30		5.07		2.23		2.7			
	4/6/2022	Cloudy	10:00	8.5	7.5	26.60	26.75	8.32	8.35	28.52	25.52	74.30	74.95	5.08	5.20	2.03	1.68	3.0	3.1		
			10:02	8.5	7.5	26.90		8.38		22.51		75.60		5.31		1.52		3.2			
	7/6/2022	Rainy	10:20	8.5	7.5	26.60	26.60	8.38	8.38	25.24	25.33	75.90	76.35	5.29	5.32	2.40	1.64	2.5	2.4		
			10:22	8.5	7.5	26.60		8.38		25.42		76.80		5.35		2.07		2.3			
			12:06	8.5	7.5	25.90	25.70	8.28	8.24	26.95	28.99	68.10	63.60	4.76	4.41	1.64	4.08	10.6	10.7		
	9/6/2022	Sunny	12:08	8.5	7.5	25.50															
			12:15	8.7	7.7	27.47	27.66	7.60	7.91	11.21	10.91	123.80	125.55	8.88	9.09	3.02	2.32	2.6	2.7		
			12:17	8.7	7.7	27.85		8.22		10.60		127.30		9.30		1.61		2.8			
	13/6/2022	Sunny	12:06	8.5	7.5	27.44	27.41	8.83	8.79	26.46	26.56	104.60	109.85	7.13	7.49	2.30	2.30	4.0	3.9		
			12:08	8.5	7.5	27.37		8.75		26.65		115.10		7.85		2.30		3.8			
			12:06	8.5	7.5	27.03	27.03	8.58	8.65	27.51	27.63	119.80	119.40	8.18	8.15	6.07	5.24	3.8	4.0		
	15/6/2022	Rainy	12:08	8.5	7.5	27.03															
			12:08	8.5	7.5	27.03	27.03	8.71		27.75		119.00		8.11		4.41		4.2			
			11:00	9.3	8.3	26.50	26.55	7.93	7.94	25.37	25.35	71.40	71.40	4.98	4.98	3.13	3.14	2.3	2.5		
	17/6/2022	Sunny	11:02	9.3	8.3	26.60															
			11:02	9.3	8.3	26.60	26.55	7.94		25.32		71.40		4.97		3.14		2.7			
			10:11	8.3	7.3	26.50	26.50	8.00	8.01	25.33	17.07	76.00	76.50	5.30	5.60	7.90	7.70	4.6	3.6		
	20/6/2022	Sunny	10:13	8.3	7.3	26.50															
			10:13	8.3	7.3	26.50	26.80	8.02		8.81		77.00		5.90		7.50		2.6			
			12:06	8.5	7.5	26.70	26.80	8.07	8.05	26.21	26.32	75.00	74.20	5.06	4.98	5.77	5.79	3.4	3.3		
	22/6/2022	Sunny	12:08	8.5	7.5	26.90															
			12:08	8.5	7.5	26.90	26.80	8.02		26.43		73.40		4.90		5.80		3.1			
			12:06	8.5	7.5	26.10	26.20	7.97	7.97	30.71	30.35	64.40	63.05	4.26	4.12	6.71	6.72	3.2	3.4		
	24/6/2022	Sunny	12:08	8.5	7.5	26.30															
			12:08	8.5	7.5	26.30	26.20	7.97		29.98		61.70		3.98		6.72		3.6			
			12:06	8.5	7.5	26.10	26.20	4.26	4.12	30.71	30.35	64.60	63.15	7.97	7.97	6.71	6.72	1.8	1.8		
	28/6/2022	Sunny	12:08	8.5	7.5	26.30															
			12:08	8.5	7.5	26.30	26.20	3.98		29.98		61.70		7.97		6.72		1.7			
12:06			8.7	7.7	27.40	27.40	8.21	8.18	26.51	26.57	85.50	85.45	6.08	6.05	5.15	5.12	4.0	3.8			
30/6/2022	Sunny	12:08	8.7	7.7	27.40																
		12:08	8.7	7.7	27.40	27.40	8.15		26.63		85.40										



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	2/6/2022	Rainy	13:16	8.5	1.0	27.30		8.50		23.90		77.50	5.38	5.36	0.95	1.31	3.0	3.2			
			13:19	8.5	1.0	26.80	26.05	8.45	8.48	26.51	25.22	77.50	77.50	5.38	5.36	0.95	1.31	3.0	3.2		
	4/6/2022	Cloudy	13:10	8.6	1.0	27.70	27.70	8.45	8.45	19.13	19.07	77.80	76.05	5.51	5.39	1.71	2.13	2.2	2.3		
			13:12	8.6	1.0	27.70	27.70	8.45	8.45	19.01	19.07	74.30	76.05	5.26	5.39	2.55	2.13	2.4	2.3		
	7/6/2022	Rainy	13:17	8.7	1.0	26.80	26.95	8.63	8.63	19.19	19.40	86.70	83.70	8.63	7.20	2.03	5.33	2.6	2.5		
			13:19	8.7	1.0	27.10	26.95	8.62	8.63	19.60	19.40	80.70	83.70	5.76	7.20	8.62	5.33	2.4	2.5		
	9/6/2022	Sunny	8:54	8.3	1.0	26.30	26.35	7.41	7.50	22.06	23.48	76.70	77.25	5.47	5.46	2.00	2.14	2.5	2.4		
			8:56	8.3	1.0	26.40	26.35	7.59	7.50	24.90	23.48	77.80	77.25	5.45	5.46	2.28	2.14	2.3	2.4		
	11/6/2022	Sunny	8:59	8.4	1.0	26.90	26.90	7.95	8.00	18.70	20.15	118.60	118.85	8.53	8.48	5.21	4.05	4.0	4.1		
			9:01	8.4	1.0	26.89	26.90	8.05	8.00	21.60	20.15	119.10	118.85	8.43	8.48	2.88	4.05	4.2	4.1		
	13/6/2022	Sunny	9:07	9.2	1.0	27.39	27.43	8.66	7.99	18.15	13.55	124.30	124.75	8.89	9.04	2.63	2.30	2.6	2.5		
			9:09	9.2	1.0	27.46	27.43	8.95	7.99	17.32	13.55	125.20	124.75	9.19	9.04	1.97	2.30	2.4	2.5		
	15/6/2022	Rainy	9:00	9.4	1.0	26.94	26.95	9.98	9.37	23.21	23.29	111.70	102.75	7.82	7.19	4.37	3.15	<1.0	1.0		
			9:02	9.4	1.0	26.96	26.95	8.76	9.37	23.36	23.29	93.80	102.75	6.96	7.19	1.93	3.15	<1.0	1.0		
	17/6/2022	Sunny	13:17	9.1	1.0	27.10	27.15	8.02	8.03	22.28	22.28	76.90	74.80	5.40	5.25	4.27	4.25	2.5	2.7		
			13:19	9.1	1.0	27.20	27.15	8.04	8.03	22.28	22.28	72.70	74.80	5.09	5.25	4.23	4.25	2.8	2.7		
	20/6/2022	Sunny	13:12	9.0	1.0	27.40	27.45	8.25	8.25	15.92	15.90	83.60	82.00	6.05	5.93	5.67	5.80	2.4	2.4		
			13:14	9.0	1.0	27.50	27.45	8.25	8.25	15.87	15.90	80.40	82.00	5.81	5.93	5.93	5.80	2.3	2.4		
	22/6/2022	Sunny	8:19	8.6	1.0	26.90	26.90	6.12	6.32	19.65	19.66	74.30	74.80	6.05	5.89	5.83	5.89	3.4	3.3		
			8:21	8.6	1.0	26.90	26.90	6.52	6.32	19.76	19.66	75.30	74.80	5.73	5.89	5.95	5.89	3.2	3.3		
	24/6/2022	Sunny	8:23	9.0	1.0	28.00	27.95	6.64	6.92	20.19	20.39	92.30	92.85	6.45	6.47	5.45	5.38	2.5	2.7		
			8:25	9.0	1.0	27.90	27.95	7.20	6.92	20.59	20.39	93.40	92.85	6.49	6.47	5.30	5.38	2.8	2.7		
	28/6/2022	Sunny	8:44	9.0	1.0	28.20	28.15	6.33	6.55	16.64	18.17	92.00	96.95	7.04	7.37	6.04	5.98	4.1	4.0		
			8:46	9.0	1.0	28.10	28.15	6.76	6.55	19.69	18.17	101.90	96.95	7.70	7.37	5.92	5.98	3.8	4.0		
	30/6/2022	Sunny	8:44	9.8	1.0	27.30	27.30	6.22	6.52	17.01	17.11	89.30	92.05	6.22	6.36	4.59	4.76	3.0	3.1		
			8:46	9.8	1.0	27.30	27.30	6.81	6.52	17.21	17.11	94.80	92.05	6.50	6.36	4.93	4.76	3.2	3.1		

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 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	2/6/2022	Rainy	8:27	8.1	1.0	26.60	26.60	7.03	7.44	23.13	24.62	73.40	73.65	5.17	5.15	1.84	1.75	1.4	1.3		
			8:29	8.1	1.0	26.60	26.60	7.85	7.44	26.10	24.62	73.90	73.65	5.13	5.15	1.66	1.75	1.2	1.3		
	4/6/2022	Cloudy	8:30	8.3	1.0	26.50	26.55	6.88	7.22	17.44	17.64	75.90	74.35	5.53	5.41	2.44	2.55	2.2	2.4		
			9:01	8.3	1.0	26.60	26.60	7.98	7.43	17.84	19.68	72.80	72.30	5.29	5.19	2.85	3.70	2.5	2.4		
	7/6/2022	Rainy	9:03	8.2	1.0	26.60	26.60	7.43	7.55	19.63	19.66	72.80	72.55	5.19	5.21	3.70	1.86	2.4	2.5		
			13:12	8.5	1.0	25.50	25.25	8.49	8.49	16.39	16.81	76.10	75.95	5.68	5.68	2.82	2.86	3.4	3.4		
	9/6/2022	Sunny	13:14	8.5	1.0	25.00	25.25	8.49	8.49	17.22	16.81	75.80	75.95	5.68	5.68	2.90	2.86	3.3	3.4		
			13:09	8.2	1.0	27.34	27.34	7.66	7.70	10.52	10.45	114.40	114.55	8.32	8.34	1.79	2.05	3.2	3.3		
	11/6/2022	Sunny	13:11	8.2	1.0	27.33	27.34	7.73	7.70	10.38	10.45	114.70	114.55	8.36	8.34	2.30	2.05	3.4	3.3		
			13:21	8.8	1.0	28.33	28.28	8.67	8.77	18.49	18.72	111.00	101.90	7.80	7.16	2.99	2.47	2.2	2.3		
	13/6/2022	Sunny	13:23	8.8	1.0	28.23	28.28	8.86	8.80	18.95	18.72	92.80	101.90	6.51	6.91	1.95	2.47	2.3	2.3		
			13:15	8.7	1.0	27.96	27.93	8.78	8.80	18.58	18.70	110.40	110.65	7.80	7.82	1.69	1.60	2.3	2.2		
	15/6/2022	Rainy	13:17	8.7	1.0	27.90	27.93	8.81	8.80	18.81	18.70	110.90	110.65	7.83	7.82	1.51	1.60	2.1	2.2		
			9:15	9.1	1.0	26.50	26.50	7.19	7.19	20.06	20.06	74.00	74.00	5.33	5.33	4.00	4.66	3.0	3.1		
	17/6/2022	Sunny	9:17	9.1	1.0	26.50	26.50	7.19	7.19	20.06	20.06	74.00	74.00	5.33	5.33	5.31	4.66	3.2	3.1		
			8:30	8.4	1.0	26.70	26.70	6.80	6.70	18.18	18.22	76.30	76.30	5.92	5.92	4.99	5.07	2.6	2.6		
	20/6/2022	Sunny	8:32	8.4	1.0	26.70	26.70	6.79	6.70	18.25	18.22	76.30	76.30	5.92	5.92	5.15	5.07	2.6	2.6		
			13:21	8.4	1.0	27.70	27.70	8.36	8.37	17.75	17.84	89.20	90.00	6.32	6.38	5.81	5.72	3.8	3.9		
	22/6/2022	Sunny	13:23	8.4	1.0	27.70	27.70	8.36	8.37	17.93	17.84	90.80	90.00	6.43	6.38	5.63	5.72	4.0	3.9		
			13:12	8.4	1.0	28.10	28.06	8.44	8.45	17.56	17.57	98.20	96.50	6.92	8.31	6.47	6.38	3.8	3.7		
	24/6/2022	Sunny	13:14	8.4	1.0	28.01	28.06	8.46	8.45	17.58	17.57	94.80	96.50	6.99	8.31	6.28	6.38	3.6	3.7		
			13:09	8.4	1.0	28.10	28.10	8.44	8.45	17.56	17.57	98.20	96.50	6.92	6.91	6.47	6.38	3.3	3.2		
	28/6/2022	Sunny	13:11	8.4	1.0	28.10	28.10	8.46	8.45	17.58	17.57	94.80	96.50	6.90	6.91	6.28	6.38	3.0	3.2		
			13:09	8.9	1.0	28.60	28.57	9.17	9.20	16.97	17.00	122.10	121.65	8.61	8.58	3.04	2.85	2.4	2.3		
	30/6/2022	Sunny	13:11	8.9	1.0	28.54	28.57	9.22	9.20	17.03	17.00	121.20	121.65	8.55	8.58	2.65	2.85	2.2	2.3		
			13:11	8.9	1.0	28.54	28.57	9.17	9.20	16.97	17.00	122.10	121.65	8.61	8.58	3.04	2.85	2.4	2.3		

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 (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	2/6/2022	Rainy	13:19	8.5	4.3	26.90	26.90	8.47	8.47	25.00	25.30	76.40	76.55	5.20	5.25
			13:21	8.5	4.3	26.90		8.47		25.90		76.70		5.30		1.72					
	4/6/2022	Cloudy	13:13	8.6	4.3	27.50	27.50	8.44	8.44	19.49	19.49	71.90	74.60	5.09	5.28	1.54	1.43	1.6	1.8		
			13:15	8.6	4.3	27.50		8.44		19.49		77.30		5.47		1.32					
	7/6/2022	Rainy	13:20	8.7	4.4	27.00	26.95	8.63	8.64	19.36	19.28	78.20	80.40	5.59	5.75	2.66	2.35	3.2	3.4		
			13:22	8.7	4.4	26.90		8.64		19.19		82.60		5.91		2.03					
	9/6/2022	Sunny	8:57	8.3	4.2	26.20	26.25	7.88	7.83	22.27	22.38	75.60	73.65	5.39	5.25	2.41	2.18	2.8	3.0		
			8:59	8.3	4.2	26.30		7.78		22.48		71.70		5.10		1.95					
	11/6/2022	Sunny	9:02	8.4	4.2	26.90	26.90	8.08	8.15	22.11	22.18	108.70	104.85	7.66	7.39	4.21	3.64	6.2	6.0		
			9:04	8.4	4.2	26.90		8.22		22.25		101.00		7.12		3.06					
	13/6/2022	Sunny	9:10	9.2	4.6	27.45	27.46	7.44	7.78	8.72	12.51	120.30	121.20	8.97	8.86	2.11	2.28	3.1	3.3		
			9:12	9.2	4.6	27.47		8.11		16.30		122.10		8.74		2.44					
	15/6/2022	Rainy	9:03	9.4	4.7	26.96	26.96	8.76	8.72	23.65	23.68	128.70	127.25	8.99	8.89	2.70	2.58	1.6	1.5		
			9:05	9.4	4.7	26.95		8.67		23.71		125.80		8.78		2.45					
	17/6/2022	Sunny	13:20	9.1	4.6	27.10	27.10	8.06	8.06	22.33	22.38	75.30	75.30	5.28	5.28	5.13	4.81	2.3	2.3		
			13:22	9.1	4.6	27.10		8.05		22.42		75.30		5.28		4.49					
	20/6/2022	Sunny	13:15	9.0	4.5	27.40	27.35	8.26	8.26	16.21	16.15	85.50	86.00	6.18	6.22	5.61	5.64	4.4	4.2		
			13:17	9.0	4.5	27.30		8.26		16.08		86.50		6.26		5.66					
	22/6/2022	Sunny	8:22	8.6	4.3	26.20	26.20	6.70	6.77	26.15	26.32	68.40	68.80	4.42	4.43	7.55	7.28	4.0	4.3		
			8:24	8.6	4.3	26.20		6.83		26.48		69.20		4.44		7.00					
	24/6/2022	Sunny	8:26	9.0	4.5	26.90	26.85	7.30	7.32	25.55	25.63	71.40	73.30	5.27	5.21	6.09	6.11	3.4	3.2		
			8:28	9.0	4.5	26.80		7.33		25.70		75.20		5.14		6.13					
	28/6/2022	Sunny	8:47	9.0	4.5	27.90	27.95	7.05	7.14	22.30	21.73	95.00	97.10	7.36	7.11	5.55	5.55	3.5	3.4		
			8:49	9.0	4.5	28.00		7.23		21.16		99.20		6.86		5.54					
	30/6/2022	Sunny	8:47	9.8	4.9	27.40	27.35	7.15	7.29	17.59	22.42	88.20	88.70	6.22	6.26	4.91	4.95	2.7	2.6		
			8:49	9.8	4.9	27.30		7.42		27.25		89.20		6.30		4.98					

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	2/6/2022	Rainy	8:30	8.1	4.1	26.60	26.65	7.61	7.68	24.54	24.38	70.00	71.50
			8:32	8.1	4.1	26.70		7.74		24.22		73.00		5.15		1.31			
	4/6/2022	Cloudy	8:33	8.3	4.2	26.50	26.50	7.66	7.72	19.53	19.16	73.90	70.60	5.32	5.10	2.69	3.29	2.8	2.9
			8:35	8.3	4.2	26.50		7.77		18.78		67.30		4.87		3.89			
	7/6/2022	Rainy	9:04	8.2	4.1	26.60	26.50	7.67	7.79	20.41	22.08	75.40	74.75	5.40	5.31	1.73	1.87	3.8	4.0
			9:06	8.2	4.1	26.40		7.70		23.75		74.10		5.22		4.14			
	9/6/2022	Sunny	13:15	8.5	4.3	25.80	25.75	8.18	8.33	16.64	16.66	76.40	76.05	5.67	5.65	2.45	2.29	2.8	3.0
			13:17	8.5	4.3	25.70		8.48		16.67		75.70		5.62		2.13			
	11/6/2022	Sunny	13:12	8.2	4.1	27.32	27.32	8.27	7.74	15.36	15.12	112.70	113.10	8.13	8.37	1.80	2.02	3.5	3.6
			13:14	8.2	4.1	27.32		7.21		14.87		113.50		8.61		2.24			
	13/6/2022	Sunny	13:24	8.8	4.4	28.05	28.05	8.85	8.81	18.28	18.22	111.90	111.80	7.91	7.90	2.42	2.19	2.6	2.7
			13:26	8.8	4.4	28.04		8.77		18.16		111.70		7.89		1.95			
	15/6/2022	Rainy	13:18	8.7	4.4	27.54	27.60	8.90	8.80	19.43	19.20	111.40	111.70	7.87	7.90	1.47	1.46	1.2	1.3
			13:20	8.7	4.4	27.66		8.70		18.96		112.00		7.93		1.44			
	17/6/2022	Sunny	9:18	9.1	4.6	26.40	39.30	7.29	7.26	22.33	22.57	68.20	68.50	4.84	4.86	6.47	5.77	2.6	2.5
			9:20	9.1	4.6	52.20		7.22		22.80		68.80		4.88		5.07			
	20/6/2022	Sunny	8:33	8.4	4.2	26.70	26.70	6.92	6.99	19.27	19.20	77.60	77.60	5.58	5.50	5.77	5.32	3.7	3.9
			8:35	8.4	4.2	26.70		7.05		19.13		75.3		5.42		4.87			
	22/6/2022	Sunny	13:24	8.4	4.2	27.50	27.50	8.39	8.39	18.01	18.19	89.00	88.40	6.32	6.26	5.79	5.87	3.2	3.3
			13:26	8.4	4.2	27.50		8.38		18.36		87.80		6.19		5.94			
	24/6/2022	Sunny	13:15	8.4	4.2	27.10	27.60	8.47	8.48	17.69	17.65	96.00	95.70	6.77	6.75	6.14	6.19	3.1	3.0
			13:17	8.4	4.2	28.10		8.48		17.60		95.40		6.73		6.24			
	28/6/2022	Sunny	13:12	8.4	4.2	28.10	28.10	8.47	8.48	17.69	17.65	96.00	95.70	6.77	6.75	6.14	6.19	2.6	2.6
			13:14	8.4	4.2	28.10		8.48		17.60		95.40		6.73		6.24			
	30/6/2022	Sunny	13:12	8.9	4.5	28.54	28.53	9.32	8.77	16.96	16.88	129.00	124.40	9.11	8.78	2.99	2.85	2.9	2.8
			13:14	8.9	4.5	28.52		8.21		16.80		119.80		8.45		2.71			

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
						Sampling was cancelled due to adverse weather															
SR4	2/7/2022	T8																			
	4/7/2022	Strong Monsoon Signal																			
	6/7/2022	Sunny	12:55	4.0	1.0	28.42	28.44	8.93	8.93	14.78	14.84	114.30	114.00	8.12	8.11	5.41	5.34	3.6	3.5		
			12:56	4.0	1.0	28.45		8.92		14.89		113.70		8.10		5.26		3.3			
	8/7/2022	Cloudy	13:00	3.5	1.0	29.39	29.37	9.18	9.18	8.90	8.91	112.80	112.85	8.20	8.21	7.42	7.01	3.8	3.7		
			13:01	3.5	1.0	29.35		9.18		8.91		112.90		8.22		6.60		3.6			
	11/7/2022	Sunny	9:51	3.6	1.0	30.52	30.53	9.50	9.53	14.15	14.16	116.50	112.90	8.08	7.83	3.32	3.69	2.3	2.2		
			9:52	3.6	1.0	30.53		9.55		14.17		109.30		7.58		4.05		2.1			
	13/7/2022	Sunny	10:07	4.0	1.0	29.87	29.86	9.50	9.50	17.31	17.52	120.60	114.70	8.31	7.90	6.17	5.59	2.3	2.3		
			10:08	4.0	1.0	29.84		9.49		17.73		108.80		7.48		5.00		2.2			
	15/7/2022	Sunny	13:01	4.2	1.0	30.18	30.19	9.22	9.27	19.58	19.56	114.40	113.85	7.75	7.71	4.78	4.71	2.3	2.3		
			13:02	4.2	1.0	30.19		9.31		19.53		113.30		7.67		4.63		2.2			
	18/7/2022	Cloudy	12:55	4.1	1.0	30.26	30.25	8.92	8.86	21.33	21.40	114.20	114.20	7.85	7.65	8.75	8.46	6.3	6.5		
			12:56	4.1	1.0	30.24		8.90		21.47		114.20		7.84		8.17		6.7			
	20/7/2022	Sunny	14:08	3.6	1.0	30.48	30.48	9.12	9.12	19.92	20.01	109.50	110.80	7.96	7.45	4.81	4.78	2.5	2.7		
			14:09	3.6	1.0	30.47		9.12		20.09		112.10		7.53		4.75		2.5			
	22/7/2022	Sunny	9:41	3.2	1.0	30.36	30.37	9.46	9.39	21.20	21.30	115.50	115.45	7.73	7.72	6.09	6.00	4.0	3.9		
			9:42	3.2	1.0	30.38		9.32		21.39		115.40		7.71		5.90		3.8			
	25/7/2022	Sunny	9:47	3.5	1.0	31.63	31.63	9.42	9.40	19.71	19.79	116.80	110.85	7.71	7.32	4.73	4.29	3.0	2.9		
			9:48	3.5	1.0	31.62		9.37		19.86		104.90		6.92		3.84		2.7			
27/7/2022	Sunny	9:44	3.8	1.0	30.58	30.57	9.38	9.38	20.50	20.56	118.60	110.70	7.93	7.41	4.46	4.29	3.4	3.3			
		9:45	3.8	1.0	30.56		9.38		20.62		102.80		6.88		4.11		3.2				
29/7/2022	Sunny	9:48	3.9	1.0	29.90	29.92	9.47	9.45	23.84	23.92	119.90	119.50	7.96	7.93	4.64	4.40	2.6	2.6			
		9:49	3.9	1.0	29.93		9.43		23.99		119.10		7.90		4.15		2.6				

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 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	2/7/2022	T8																	
	4/7/2022	Strong Monsoon Signal																	
	6/7/2022	Sunny	10:02	3.3	1.0	28.25	28.26	8.94	9.00	14.92	14.89	118.70	118.55	8.52	8.51	6.78	6.47	2.4	2.4
			10:03	3.3	1.0	28.26		9.06		14.85		118.40		8.50		6.15		2.3	
	8/7/2022	Cloudy	10:19	3.5	1.0	28.95	28.95	9.17	9.08	8.35	8.32	120.90	120.60	8.89	8.87	7.05	6.88	2.3	2.2
			10:20	3.5	1.0	28.94		8.99		8.28		120.30		8.85		6.70		2.1	
	11/7/2022	Sunny	12:53	3.6	1.0	30.70	30.67	9.76	9.73	12.41	12.51	114.20	113.90	7.97	7.95	5.85	5.56	4.2	4.3
			12:54	3.6	1.0	30.64		9.70		12.61		113.60		7.92		5.26		4.4	
	13/7/2022	Sunny	12:56	3.8	1.0	30.63	30.53	9.40	9.41	15.97	15.98	113.70	113.55	7.79	7.80	2.88	2.92	1.2	1.6
			12:57	3.8	1.0	30.43		9.42		15.99		113.40		7.80		2.95		2.0	
	15/7/2022	Sunny	9:45	4.2	1.0	29.72	29.75	9.32	9.31	19.84	19.82	122.40	119.45	8.33	8.13	3.70	3.55	1.2	1.3
			9:46	4.2	1.0	29.78		9.30		19.79		116.50		7.93		3.39		1.3	
	18/7/2022	Cloudy	9:55	3.6	1.0	29.26	29.29	9.03	8.98	21.78	21.80	122.40	122.00	8.31	8.28	5.71	5.67	2.9	3.1
			9:56	3.6	1.0	29.31		8.92		21.81		121.60		8.25		5.63		3.2	
	20/7/2022	Sunny	11:40	3.2	1.0	30.15	30.13	8.96	8.96	20.60	20.65	119.50	119.05	8.05	8.02	3.97	3.72	1.9	1.9
			11:41	3.2	1.0	30.11		8.96		20.69		118.60		7.99		3.46		1.8	
	22/7/2022	Sunny	12:57	3.1	1.0	31.76	31.73	9.46	9.44	19.43	19.58	114.40	111.70	7.55	7.37	6.95	6.08	3.2	3.4
			12:58	3.1	1.0	31.70		9.42		19.72		109.00		7.19		5.20		3.5	
	25/7/2022	Sunny	12:59	3.2	1.0	32.58	32.63	9.26	9.22	19.74	19.79	97.20	101.35	6.32	6.59	4.77	4.22	2.8	3.0
			13:00	3.2	1.0	32.68		9.18		19.84		105.50		6.85		3.66		3.2	
27/7/2022	Sunny	12:53	3.3	1.0	31.26	31.22	9.22	9.21	20.27	20.30	113.90	109.70	7.54	7.27	5.23	4.68	3.6	3.5	
		12:54	3.3	1.0	31.18		9.19		20.33		105.50		7.00		4.12		3.3		
29/7/2022	Sunny	12:53	3.7	1.0	31.19	31.22	9.22	9.18	23.67	23.69	103.60	101.95	6.75	6.64	5.98	5.19	4.2	4.3	
		12:54	3.7	1.0	31.25		9.14		23.71		100.30		6.52		4.40		4.3		

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 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	2/7/2022	T8				Sampling was cancelled due to adverse weather																	
	4/7/2022	Strong Monsoon Signal				Sampling was cancelled due to adverse weather																	
	6/7/2022	Sunny	12:58	4.0	3.0	28.50	28.51	8.88	8.90	14.15	14.53	113.40	113.40	8.12	8.11	5.90	5.85	1.8	2.0				
			12:59	4.0	3.0	28.52		8.91		14.91		113.40		8.10		5.80		2.2					
	8/7/2022	Cloudy	9:53	3.6	2.6	29.01	28.97	9.14	9.12	13.75	13.87	114.00	113.90	8.13	8.12	7.36	6.47	3.0	2.9				
			13:03	3.5	2.5	28.92		9.10		13.98		113.80		8.11		5.57		2.7					
	11/7/2022	Sunny	9:53	3.6	2.6	30.14	30.11	9.61	9.54	15.84	15.99	118.60	117.95	8.20	8.16	4.44	3.67	<1.0	1.0				
			9:54	3.6	2.6	30.07		9.46		16.13		117.30		8.11		2.89		<1.0					
	13/7/2022	Sunny	10:10	4.0	3.0	29.69	29.68	9.37	9.38	18.66	18.69	119.90	119.60	8.22	8.20	3.74	3.74	1.3	1.3				
			10:11	4.0	3.0	29.66		9.38		18.71		119.30		8.18		3.73		1.2					
	15/7/2022	Sunny	13:04	4.1	3.2	29.87	29.82	9.25	9.11	20.22	20.34	114.50	114.55	7.76	7.77	6.34	5.96	1.3	1.3				
			13:05	4.2	3.2	29.76		8.97		20.46		114.60		7.77		5.58		1.2					
	18/7/2022	Cloudy	12:58	4.1	3.1	29.58	29.57	8.99	8.99	21.80	21.73	116.60	116.00	7.87	7.84	5.47	5.10	5.0	5.2				
			12:59	4.1	3.1	29.55		8.98		21.66		115.40		7.80		4.73		5.3					
	20/7/2022	Sunny	14:10	3.6	2.6	30.48	30.48	9.21	9.21	19.95	19.95	113.30	113.30	7.62	7.62	4.62	4.68	3.0	3.2				
			14:11	3.6	2.6	30.48		9.21		19.95		113.30		7.62		4.73		3.3					
	22/7/2022	Sunny	9:43	3.2	2.2	30.10	30.09	9.34	9.30	21.72	21.80	117.40	116.85	7.86	7.82	5.95	5.43	2.7	2.6				
			9:44	3.2	2.2	30.08		9.25		21.88		116.30		7.78		4.91		2.4					
	25/7/2022	Sunny	9:49	3.5	2.5	31.54	31.50	9.50	9.39	20.32	20.48	117.10	106.70	7.72	7.04	4.70	4.89	1.7	1.6				
			9:50	3.5	2.5	31.46		9.27		20.63		96.30		6.35		5.08		1.5					
	27/7/2022	Sunny	9:46	3.8	2.8	29.66	29.53	9.35	9.25	24.27	24.64	99.10	99.60	6.59	6.63	5.61	5.01	6.3	6.2				
			9:47	3.8	2.8	29.40		9.15		25.01		100.10		6.66		4.40		6.0					
	29/7/2022	Sunny	9:50	3.9	2.9	30.05	30.09	9.47	9.44	23.71	24.00	118.50	115.00	7.86	7.61	4.72	4.40	3.4	3.6				
			9:51	3.9	2.9	30.12		9.40		24.29		111.50		7.36		4.07		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 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				
						Sampling was cancelled due to adverse weather																	
SR4	2/7/2022	T8				Sampling was cancelled due to adverse weather																	
	4/7/2022	Strong Monsoon Signal				Sampling was cancelled due to adverse weather																	
	6/7/2022	Sunny	10:04	3.3	2.3	28.17	28.18	9.12	9.08	14.93	15.12	118.40	118.20	8.51	8.49	6.53	6.15	5.6	5.5				
			10:05	3.3	2.3	28.18		9.04		15.31		118.00		8.46		5.76		5.4					
	8/7/2022	Cloudy	10:21	3.5	2.5	28.95	28.97	9.14	9.10	11.58	11.72	120.20	113.10	8.68	8.16	5.80	5.61	1.4	1.3				
			10:22	3.5	2.5	28.98		9.06		11.85		106.00		7.64		5.41		1.2					
	11/7/2022	Sunny	12:55	3.6	2.6	30.63	30.58	9.80	9.75	12.61	12.65	114.90	114.30	8.03	7.99	5.61	5.08	3.1	3.0				
			12:56	3.6	2.6	30.52		9.69		12.69		113.70		7.95		4.55		2.8					
	13/7/2022	Sunny	12:58	3.8	2.8	30.24	30.19	9.52	9.50	16.49	16.53	115.10	114.45	7.92	7.88	3.93	3.11	1.8	1.7				
			12:59	3.8	2.8	30.14		9.48		16.57		113.80		7.84		2.28		1.5					
	15/7/2022	Sunny	9:48	4.2	3.2	29.69	29.68	9.38	9.36	19.92	19.99	121.20	120.75	8.26	8.23	6.25	4.83	1.8	1.7				
			9:49	4.2	3.2	29.67		9.33		20.06		120.30		8.19		3.41		1.5					
	18/7/2022	Cloudy	9:57	3.6	2.6	29.25	29.25	9.01	8.96	21.63	21.82	121.10	120.70	8.23	8.20	7.38	6.95	4.6	4.8				
			9:58	3.6	2.6	29.24		8.90		22.00		120.30		8.16		6.51		4.9					
	20/7/2022	Sunny	11:42	3.2	2.2	30.10	30.14	9.07	9.02	20.58	20.69	118.80	114.90	8.01	7.74	4.10	3.77	2.6	2.7				
			11:43	3.2	2.2	30.18		8.97		20.79		111.00		7.47		3.43		2.8					
	22/7/2022	Sunny	12:59	3.1	2.1	31.77	31.68	9.42	9.42	19.52	19.62	118.10	118.35	7.79	7.82	4.96	5.45	4.8	4.7				
			13:00	3.1	2.1	31.58		9.42		19.71		118.60		7.84		5.93		4.6					
	25/7/2022	Sunny	13:01	3.2	2.2	32.72	32.66	9.20	9.20	19.39	19.50	112.60	111.15	7.32	7.23	3.94	3.81	4.1	4.3				
			13:02	3.2	2.2	32.60		9.19		19.60		109.70		7.14		3.67		4.5					
	27/7/2022	Sunny	12:55	3.3	2.3	30.98	30.91	9.27	9.27	20.74	20.83	100.40	105.20	6.67	6.99	4.28	4.23	2.6	2.7				
			12:56	3.3	2.3	30.83		9.27		20.92		110.00		7.31		4.18		2.8					
	29/7/2022	Sunny	12:55	3.7	2.7	31.29	31.33	9.27	9.21	23.63	23.64	102.20	102.70	6.64	6.67	5.21	4.64	3.4	3.3				
			12:56	3.7	2.7	31.27		9.14		23.65		103.20		6.70		4.06		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 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
						Sampling was cancelled due to adverse weather															
SR5	2/7/2022	T8																			
	4/7/2022	Strong Monsoon Signal																			
	6/7/2022	Sunny	12:44	5.1	1.0	28.34	28.35	8.92	8.93	14.99	15.04	115.50	115.25	8.27	8.25	5.41	5.53	1.8	1.8		
			12:45	5.1	1.0	28.36		8.93		15.09		115.00		8.23		5.65					
	8/7/2022	Cloudy	10:05	4.4	1.0	29.40	29.42	9.21	9.19	8.94	8.99	104.70	101.60	7.61	7.38	7.60	7.10	4.6	4.4		
			12:52	4.5	1.0	29.43		9.16		9.04		98.50		7.15		6.60		4.2			
	11/7/2022	Sunny	10:05	4.4	1.0	30.59	30.62	9.45	9.50	14.08	14.03	114.30	113.55	7.92	7.87	2.92	3.07	1.4	1.4		
			10:06	4.4	1.0	30.65		9.55		13.97		112.80		7.81		3.22		1.3			
	13/7/2022	Sunny	10:17	4.8	1.0	29.95	29.96	9.51	9.52	16.15	16.08	117.60	115.25	8.14	7.99	4.65	4.47	1.2	1.3		
			10:18	4.8	1.0	29.94		9.52		16.00		112.90		7.83		4.28		1.4			
	15/7/2022	Sunny	12:49	5.1	1.0	30.05	30.07	9.18	9.21	-	-	114.30	113.85	7.75	7.72	6.55	6.27	1.2	1.3		
			12:50	5.1	1.0	30.08		9.23		19.71		113.40		7.68		5.98		1.4			
	18/7/2022	Cloudy	12:45	5.1	1.0	29.92	29.93	8.90	8.86	21.81	21.83	116.30	116.10	7.81	7.80	7.15	6.40	3.0	3.2		
			12:46	5.1	1.0	29.93		8.82		21.84		115.90		7.78		5.64		3.4			
	20/7/2022	Sunny	13:58	4.8	1.0	30.41	30.44	9.04	9.10	19.95	19.91	113.10	112.35	7.61	7.56	5.29	4.80	2.9	3.1		
			13:59	4.8	1.0	30.46		9.15		19.86		111.60		7.50		4.30		3.2			
	22/7/2022	Sunny	9:51	3.8	1.0	30.54	30.56	9.27	9.26	21.02	21.18	114.80	114.60	7.67	7.65	6.28	6.71	4.0	3.8		
			9:52	3.8	1.0	30.57		9.24		21.33		114.40		7.62		7.13		3.6			
	25/7/2022	Sunny	10:02	4.4	1.0	30.68	30.64	9.25	9.16	22.49	22.93	111.30	113.90	7.35	7.51	4.64	4.27	2.7	2.9		
			9:54	4.9	1.0	30.61		9.06		23.37		116.50		7.67		3.90		3.1			
	27/7/2022	Sunny	9:54	4.9	1.0	30.62	30.72	9.28	9.37	20.88	20.96	111.00	104.95	7.41	6.99	5.15	4.61	4.1	4.3		
			9:55	4.9	1.0	30.82		9.46		21.04		98.90		6.57		4.06		4.4			
	29/7/2022	Sunny	9:59	4.9	1.0	30.46	30.50	9.43	9.44	23.35	23.51	116.50	116.50	7.69	7.10	5.23	4.81	2.5	2.4		
			10:00	4.9	1.0	30.54		9.45		23.67		8.90		6.51		4.39		2.3			

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) - 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															
SR5	2/7/2022	T8																			
	4/7/2022	Strong Monsoon Signal																			
	6/7/2022	Sunny	10:12	4.3	1.0	28.25	28.25	9.23	9.10	15.41	15.34	116.90	116.80	8.38	8.37	6.17	5.64	2.2	2.3		
			10:13	4.3	1.0	28.24		8.97		15.27		116.70		8.35		5.11		2.4			
	8/7/2022	Cloudy	10:27	4.0	1.0	28.93	28.93	9.02	9.00	8.48	8.45	118.30	106.50	8.69	7.83	7.21	6.39	2.3	2.4		
			10:28	4.0	1.0	28.92		8.97		8.41		94.70		6.96		5.56		2.5			
	11/7/2022	Sunny	12:44	3.8	1.0	30.62	30.63	9.67	9.68	12.69	12.72	113.00	112.75	7.90	7.87	5.81	5.40	3.5	3.3		
			12:45	3.8	1.0	30.64		9.69		12.74		112.50		7.84		4.98		3.1			
	13/7/2022	Sunny	12:46	4.5	1.0	30.49	30.50	9.46	9.39	15.88	15.95	111.40	111.90	7.65	7.68	4.17	3.83	1.3	1.4		
			12:47	4.5	1.0	30.51		9.32		16.02		112.40		7.71		3.48		1.4			
	15/7/2022	Sunny	9:54	5.0	1.0	29.74	29.74	9.32	9.29	19.27	19.61	118.70	118.35	8.09	8.06	5.47	4.72	1.3	1.4		
			9:55	5.0	1.0	29.74		9.25		19.95		118.00		8.03		3.96		1.4			
	18/7/2022	Cloudy	10:05	4.8	1.0	29.54	29.58	9.07	9.08	21.71	21.79	118.10	117.85	7.98	7.96	5.66	5.45	3.2	3.2		
			10:06	4.8	1.0	29.62		9.09		21.86		117.60		7.93		5.24		3.2			
	20/7/2022	Sunny	11:51	4.3	1.0	30.39	30.41	9.11	9.02	20.12	20.17	115.70	115.45	7.78	7.76	4.53	4.27	1.7	1.6		
			11:52	4.3	1.0	30.42		8.92		20.22		115.20		7.74		4.01		1.5			
	22/7/2022	Sunny	12:47	3.7	1.0	31.36	31.33	9.12	9.28	19.63	19.66	112.50	112.40	7.49	7.47	6.15	5.61	3.8	3.8		
			12:48	3.7	1.0	31.29		9.43		19.69		112.30		7.45		5.07		3.8			
	25/7/2022	Sunny	12:51	3.9	1.0	31.76	31.82	8.84	9.01	20.92	20.80	101.80	103.00	6.66	6.74	5.80	4.93	2.7	2.6		
			12:52	3.9	1.0	31.87		9.18		20.68		104.20		6.82		4.05		2.4			
	27/7/2022	Sunny	12:43	4.3	1.0	30.99	31.08	8.97	9.10	20.19	20.58	99.10	96.95	6.57	6.42	5.75	5.00	4.4	4.3		
			12:44	4.3	1.0	31.17		9.23		20.96		94.80		6.27		4.24		4.2			
	29/7/2022	Sunny	12:44	4.7	1.0	30.83	30.82	9.24	9.21	23.62	23.85	111.40	106.10	7.29	6.94	6.47	5.61	1.6	1.8		
			12:45	4.7	1.0	30.80		9.18		24.08		100.80		6.59		4.75		1.9			

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) - 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	2/7/2022	T8																			
	4/7/2022	Strong Monsoon Signal																			
	6/7/2022	Sunny	12:48	5.1	4.1	28.37	28.37	9.04	8.98	15.17	15.19	115.00	114.75	8.22	8.21	6.09	5.69	2.2	2.3		
			12:49	5.1	4.1	28.36		8.91		15.20		114.50		8.19		5.28		2.3			
			12:54	4.5	3.5	29.36	29.27	9.27	9.18	9.84	9.89	113.30	113.25	8.20	8.21	11.40	8.85	3.5	3.3		
			12:55	4.5	3.5	29.18		9.09		9.93		113.20		8.21		6.30		3.0			
	11/7/2022	Sunny	10:08	4.4	3.4	30.54	30.52	9.54	9.55	15.00	15.07	116.30	115.95	8.02	7.98	9.99	6.44	2.2	2.3		
			10:09	4.4	3.4	30.49		9.55		15.14		115.60		7.98		2.89		2.4			
			10:20	4.8	3.8	29.89	29.88	9.56	9.55	17.32	17.44	117.40	117.20	8.08	8.07	7.47	5.80	1.6	1.7		
			10:21	4.8	4.1	29.86		9.54		17.55		117.00		8.05		4.13		1.8			
	15/7/2022	Sunny	12:53	5.1	4.1	29.86	29.83	9.23	9.15	20.32	20.33	114.30	114.25	7.74	7.75	6.25	6.21	1.6	1.7		
			12:54	5.1	4.1	29.79		9.06		20.34		114.20		7.75		6.16		1.8			
			12:49	5.1	4.1	29.86	29.86	8.87	8.84	21.86	21.94	116.00	115.75	7.79	7.77	6.76	6.26	4.6	4.5		
			12:50	5.1	4.1	29.86		8.80		22.02		115.50		7.75		5.76		4.3			
			14:01	4.8	3.8	30.33	30.31	9.15	9.12	19.92	20.10	114.00	113.25	7.68	7.63	4.65	4.29	3.7	3.7		
			14:02	4.8	3.8	30.28		9.09		20.27		112.50		7.57		3.92		3.6			
	22/7/2022	Sunny	9:53	3.8	2.8	29.97	29.99	9.13	9.12	22.63	22.64	115.80	115.45	7.74	7.71	3.37	3.37	1.8	1.9		
			9:54	3.8	2.8	30.01		9.10		22.64		115.10		7.68		3.36		1.9			
	25/7/2022	Sunny	10:05	4.4	3.4	30.10	30.09	9.11	8.99	24.02	24.14	100.50	108.20	6.64	7.15	3.82	3.83	2.2	2.4		
			10:06	4.4	3.4	30.07		8.87		24.26		115.90		7.66		3.83		2.5			
			9:57	4.9	3.9	30.55	30.52	9.43	9.43	21.11	21.79	110.50	106.55	7.33	7.07	6.11	5.13	2.6	2.7		
			9:58	4.9	3.9	30.49		9.43		22.46		102.60		6.80		4.14		2.8			
			10:02	4.9	3.9	30.58	30.61	9.56	9.51	23.47	23.56	115.20	115.30	7.58	7.58	7.63	6.14	3.2	3.4		
			10:03	4.9	3.9	30.63		9.45		23.64		115.40		7.58		4.65		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 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
						Sampling was cancelled due to adverse weather															
SR5	2/7/2022	T8																			
	4/7/2022	Strong Monsoon Signal																			
	6/7/2022	Sunny	10:15	4.3	3.3	28.22	28.23	9.07	9.05	15.03	15.16	116.60	116.45	8.37	8.35	5.54	5.39	1.5	1.6		
			10:16	4.3	3.3	28.23		9.03		15.28		116.30		8.33		5.24		1.6			
			10:30	4.0	3.0	28.92	28.91	9.10	9.06	11.09	11.26	117.70	117.60	8.53	8.52	6.31	5.81	2.9	3.1		
			10:31	4.0	3.0	28.90		9.01		11.43		117.50		8.50		5.31		3.2			
	11/7/2022	Sunny	12:46	3.8	2.8	30.71	30.70	9.72	9.73	12.71	12.71	115.00	108.65	8.01	7.57	4.90	4.92	2.5	2.6		
			12:47	3.8	2.8	30.68		9.73		12.70		102.30		7.13		4.94		2.6			
	13/7/2022	Sunny	12:49	4.5	3.5	30.41	30.39	9.52	9.44	16.69	16.77	113.90	113.55	7.80	7.78	3.99	3.53	2.2	2.2		
			12:50	4.5	3.5	30.36		9.36		16.84		113.20		7.76		3.06		2.1			
			9:58	5.0	4.0	29.75	29.75	9.31	9.30	19.84	20.07	118.30	118.10	8.05	8.03	6.16	5.12	2.2	2.2		
			9:59	5.0	4.0	29.74		9.28		20.30		117.90		8.01		4.08		2.1			
	18/7/2022	Cloudy	10:08	4.8	3.8	29.46	29.48	9.09	9.02	21.81	21.79	102.96	108.13	6.96	7.31	6.05	5.38	3.2	3.2		
			10:09	4.8	3.8	29.49		8.94		21.77		113.30		7.66		4.71		3.2			
	20/7/2022	Sunny	11:54	4.3	3.3	30.45	30.47	9.05	9.07	20.20	20.28	109.30	107.60	7.34	7.22	4.42	3.96	3.2	3.0		
			11:55	4.3	3.3	30.48		9.08		20.35		105.90		7.10		3.50		2.8			
	22/7/2022	Sunny	12:49	3.7	2.7	31.37	31.34	9.50	9.46	20.06	20.17	114.50	110.75	7.58	7.33	6.58	6.33	4.5	4.4		
			12:50	3.7	2.7	31.31		9.42		20.27		107.00		7.08		6.08		4.2			
	25/7/2022	Sunny	12:53	3.9	2.9	31.74	31.71	9.22	9.24	20.92	21.06	109.50	105.25	7.17	6.89	6.83	6.01	3.6	3.8		
			12:54	3.9	2.9	31.68		9.25		21.19		101.00		6.61		5.18		3.9			
	27/7/2022	Sunny	12:46	4.3	3.3	31.39	31.39	9.38	9.34	20.48	20.56	107.50	104.15	7.10	6.88	5.66	4.74	3.5	3.4		
			12:47	4.3	3.3	31.38		9.29		20.63		100.80		6.65		3.82		3.2			
			12:47	4.7	3.7	30.53	30.52	9.18	9.14	23.74	23.37	103.90	100.65	6.83	6.62	5.25	4.78	2.2	2.3		
			12:48	4.7	3.7	30.51		9.09		23.00		97.40		6.40		4.31		2.3			

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
						Sampling was cancelled due to adverse weather															
SR6	2/7/2022	T8																			
	4/7/2022	Strong Monsoon Signal																			
	6/7/2022	Sunny	12:35	2.9	1.5	29.11	29.10	9.09	9.05	14.74	14.72	111.60	112.10	7.90	7.94	6.08	5.92	2.8	2.7		
			12:36	2.9	1.5	29.09		9.00		14.70		112.60		7.97		5.76		2.6			
	8/7/2022	Cloudy	12:42	2.6	1.3	29.31	29.29	8.92	8.95	14.03	14.11	115.70	115.70	8.19	8.19	7.13	7.18	5.0	5.1		
			12:43	2.6	1.3	29.27		8.98		14.18		115.70		8.19		7.22		5.2			
	11/7/2022	Sunny	10:20	2.9	1.5	30.84	30.83	9.58	9.59	13.05	12.95	116.90	116.20	8.11	8.07	2.76	2.62	1.6	1.7		
			10:21	2.9	1.5	30.82		9.59		12.85		115.50		8.03		2.48		1.8			
	13/7/2022	Sunny	10:28	2.6	1.3	29.96	29.95	9.56	9.49	15.72	15.84	117.20	116.65	8.13	8.09	6.35	4.77	<1.0	1.0		
			10:29	2.6	1.5	29.93		9.41		15.95		116.10		8.05		3.19		<1.0			
	15/7/2022	Sunny	12:38	2.8	1.5	29.73	29.72	9.21	9.16	20.33	20.28	112.60	113.00	7.65	7.68	5.52	5.69	<1.0	1.0		
			12:39	2.9	1.5	29.71		9.11		20.23		113.40		7.71		5.85		<1.0			
	18/7/2022	Cloudy	12:38	2.8	1.4	30.33	30.36	8.88	8.90	22.08	22.18	112.00	112.00	7.80	7.55	7.37	7.01	4.9	4.7		
			12:39	2.8	1.4	30.38		8.91		22.27		112.00		7.90		6.65		4.4			
	20/7/2022	Sunny	13:51	2.9	1.5	30.34	30.34	9.31	9.22	17.77	19.81	114.50	113.00	7.72	7.62	3.77	3.69	2.1	2.2		
			13:52	2.9	1.5	30.34		9.12		19.85		111.50		7.51		3.60		2.3			
	22/7/2022	Sunny	10:01	2.9	1.5	30.63	30.67	9.44	9.51	20.16	20.19	115.40	114.50	7.22	7.41	6.82	5.86	3.3	3.4		
			10:02	2.9	1.5	30.71		9.57		20.22		113.60		7.59		4.90		3.5			
	25/7/2022	Sunny	10:12	2.8	1.4	30.49	30.52	9.16	9.18	22.36	22.44	114.00	114.05	7.56	7.56	4.65	4.38	2.8	2.7		
			10:13	2.8	1.4	30.54		9.19		22.51		114.10		7.56		4.11		2.6			
27/7/2022	Sunny	10:05	2.9	1.5	30.58	30.58	9.34	9.39	21.47	21.69	109.40	103.45	7.28	6.88	4.79	4.41	-	-			
		10:06	2.9	1.5	30.57		9.44		21.91		97.50		6.48		4.03		-				
29/7/2022	Sunny	10:10	2.7	1.4	30.56	30.58	9.50	9.44	23.33	23.49	116.00	108.15	7.64	7.12	4.50	4.47	2.6	2.8			
		10:11	2.7	1.4	30.59		9.38		23.65		100.30		6.60		4.43		3.0				

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 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
						Sampling was cancelled due to adverse weather															
SR6	2/7/2022	T8																			
	4/7/2022	Strong Monsoon Signal																			
	6/7/2022	Sunny	10:22	2.8	1.4	28.22	28.24	9.11	9.07	14.72	14.74	115.80	115.60	8.32	8.30	7.56	7.06	2.2	2.3		
			10:23	2.8	1.4	28.26		9.03		14.76		115.40		8.28		6.55		2.4			
	8/7/2022	Cloudy	10:36	2.8	1.4	28.91	28.92	9.03	9.03	13.77	13.91	116.50	116.40	8.31	8.30	9.16	8.18	3.9	4.1		
			10:37	2.8	1.4	28.92		9.03		14.05		116.30		8.28		7.19		4.2			
	11/7/2022	Sunny	12:37	2.7	1.4	30.67	30.64	9.69	9.72	12.82	12.85	105.50	109.20	7.35	7.61	2.51	2.65	1.4	1.5		
			12:38	2.7	1.4	30.60		9.74		12.88		112.90		7.87		2.79		1.6			
	13/7/2022	Sunny	12:39	2.9	1.5	29.99	29.96	9.28	9.30	15.74	15.77	113.70	113.80	7.88	7.89	2.96	3.09	1.1	1.1		
			12:40	2.9	1.5	29.93		9.32		15.79		113.90		7.90		3.22		1.1			
	15/7/2022	Sunny	10:05	2.9	1.5	29.72	29.72	9.26	9.25	19.83	19.79	117.10	113.00	7.97	7.70	5.82	5.88	1.1	1.1		
			10:06	2.9	1.5	29.71		9.23		19.75		108.90		7.42		5.94		1.1			
	18/7/2022	Cloudy	10:15	2.9	1.5	29.27	29.28	8.93	8.94	22.21	22.23	107.20	111.85	7.26	7.58	8.40	7.68	6.0	5.8		
			10:16	2.9	1.5	29.28		8.94		22.25		116.50		7.89		6.87		5.6			
	20/7/2022	Sunny	12:00	2.7	1.4	30.31	30.33	9.10	9.05	19.92	19.90	115.80	109.80	7.81	7.40	4.55	4.17	3.1	2.9		
			12:01	2.7	1.4	30.35		8.99		19.87		103.80		6.99		3.79		2.6			
	22/7/2022	Sunny	12:40	2.6	1.3	30.98	30.98	9.42	9.46	19.96	20.03	122.70	117.75	8.08	7.80	5.30	5.32	3.2	3.4		
			12:41	2.6	1.3	30.98		9.49		20.09		112.80		7.51		5.34		3.5			
	25/7/2022	Sunny	12:41	2.8	1.4	32.48	32.52	9.07	9.13	21.02	21.06	111.40	108.75	7.20	7.03	4.10	4.04	3.8	4.0		
			12:42	2.8	1.4	32.56		9.19		21.09		106.10		6.85		3.97		4.1			
27/7/2022	Sunny	12:36	2.8	1.4	30.66	30.63	9.43	9.40	21.28	21.44	107.60	104.85	7.16	6.98	3.90	3.92	2.2	2.3			
		12:37	2.8	1.4	30.60		9.37		21.60		102.10		6.79		3.94		2.3				
29/7/2022	Sunny	12:37	2.8	1.4	30.95	30.93	9.34	9.30	23.46	23.53	104.40	105.20	6.83	6.88	6.26	5.28	2.2	2.3			
		12:38	2.9	1.4	30.91		9.25		23.60		106.00		6.93		4.29		2.3				

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 was cancelled due to adverse weather															
SR9	2/7/2022	T8																			
	4/7/2022	Strong Monsoon Signal																			
	6/7/2022	Sunny	12:22	5.1	1.0	28.36	28.37	8.75	8.79	15.82	15.74	102.70	117.45	7.32	8.37	6.60	7.36	2.6	2.8		
			12:23	5.1	1.0	28.38		8.82		15.65		132.20		9.42		8.11		2.9			
			12:31	4.3	1.0	29.42	29.41	9.09	9.06	8.87	8.77	113.40	113.55	8.24	8.26	8.39	7.75	3.4	3.4		
			12:32	4.3	1.0	29.40		9.03		8.67		113.70		8.28		7.11		3.4			
	11/7/2022	Sunny	10:28	4.5	1.0	30.66	30.65	9.66	9.70	12.38	12.33	115.10	114.70	8.04	8.02	3.49	3.56	2.8	2.7		
			10:29	4.5	1.0	30.63		9.74		12.27		114.30		7.99		3.62		2.6			
			10:41	5.0	1.0	29.76	29.72	9.44	9.54	14.56	14.52	115.80	114.90	8.12	8.06	4.16	4.06	<1.0	1.0		
			10:42	5.0	1.0	29.68		9.63		14.47		114.00		8.00		3.96		<1.0			
	15/7/2022	Sunny	12:25	5.1	1.0	29.94	30.00	9.10	9.16	20.00	19.62	114.00	114.30	7.76	7.76	6.20	5.22	<1.0	1.0		
			12:26	5.4	1.0	30.05		9.22		19.24		114.60		7.76		4.24		<1.0			
			12:28	5.1	1.0	29.95	29.95	9.01	8.97	22.10	22.10	123.00	124.65	8.24	8.35	4.87	4.73	3.9	3.8		
			12:29	5.1	1.0	29.95		8.92		22.10		126.30		8.46		4.56		3.6			
			13:41	4.9	1.0	30.28	30.27	9.13	9.00	30.28	30.27	111.80	112.10	7.55	7.57	4.23	4.14	1.8	1.8		
			13:42	4.9	1.0	30.26		8.87		30.26		112.40		7.58		4.04		1.7			
	22/7/2022	Sunny	10:15	3.8	1.0	30.49	30.48	9.49	9.39	20.55	20.75	114.80	110.20	7.69	7.38	6.03	5.58	4.0	3.9		
			10:16	3.8	1.0	30.46		9.29		20.94		105.60		7.06		5.13		3.8			
			10:21	4.4	1.0	31.22	31.27	9.32	9.38	20.03	19.99	107.10	110.25	7.11	7.32	5.77	4.81	3.8	3.7		
			10:22	4.4	1.0	31.31		9.43		19.94		113.40		7.52		3.84		3.6			
27/7/2022	Sunny	10:20	4.3	1.0	31.01	31.03	9.39	9.45	21.47	21.39	105.20	102.80	6.95	6.80	5.26	4.69	3.1	3.2			
		10:21	4.3	1.0	31.04		9.50		21.30		100.40		6.64		4.11		3.3				
		10:22	5.1	1.0	30.56	30.57	9.52	9.52	23.61	23.67	114.20	108.95	7.51	7.17	5.70	4.99	2.6	2.6			
		10:23	5.1	1.0	30.58		9.52		23.72		103.70		6.82		4.28		2.5				

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) - 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															
SR9	2/7/2022	T8																			
	4/7/2022	Strong Monsoon Signal																			
	6/7/2022	Sunny	10:34	4.3	1.0	28.21	28.18	9.05	9.00	15.41	15.44	115.40	102.75	8.26	7.36	7.14	6.42	2.8	2.7		
			10:35	4.3	1.0	28.15		8.95		15.47		90.10		6.45		5.69		2.5			
			10:49	4.1	1.0	29.04	29.04	9.15	9.09	13.13	13.17	115.00	107.05	8.22	7.65	8.98	7.95	2.9	3.0		
			10:50	4.1	1.0	29.04		9.02		13.21		99.10		7.08		6.92		3.0			
	11/7/2022	Sunny	12:30	3.8	1.0	30.55	30.58	9.21	9.43	12.75	12.55	10.70	59.65	7.73	7.66	6.73	5.96	5.1	4.9		
			12:31	3.8	1.0	30.61		9.65		12.35		108.60		7.99		5.19		4.7			
			12:29	4.4	1.0	29.85	29.89	9.28	9.30	14.51	14.57	110.70	111.05	7.75	7.77	4.09	3.91	1.2	1.3		
			12:30	4.4	1.0	29.93		9.33		14.62		111.40		7.79		3.73		1.4			
	15/7/2022	Sunny	10:16	5.4	1.0	29.68	29.67	9.15	9.18	20.80	20.53	115.60	115.50	7.53	7.82	7.01	6.28	1.2	1.3		
			10:17	5.4	1.0	29.66		9.21		20.26		115.40		7.81		5.54		1.4			
	18/7/2022	Cloudy	10:28	4.8	1.0	29.37	29.39	9.00	9.03	21.99	22.07	115.40	115.25	7.81	7.80	5.35	5.25	2.6	2.7		
			10:29	4.8	1.0	29.40		9.05		22.15		115.10		7.78		5.14		2.8			
	20/7/2022	Sunny	12:14	4.7	1.0	30.36	30.37	9.13	9.09	19.75	19.82	108.60	111.35	7.32	7.50	4.92	4.78	1.8	1.9		
			12:15	4.7	1.0	30.38		9.04		19.89		114.10		7.68		4.63		1.9			
	22/7/2022	Sunny	12:30	3.7	1.0	30.77	30.77	9.34	9.22	21.00	21.06	112.80	112.80	7.50	7.50	5.19	5.03	3.2	3.4		
			12:31	3.7	1.0	30.76		9.10		21.12		112.80		7.50		4.86		3.6			
	25/7/2022	Sunny	12:31	4.0	1.0	32.06	32.09	9.18	9.25	20.39	20.35	100.00	106.00	6.53	6.92	3.40	3.70	3.5	3.4		
			12:32	4.0	1.0	32.12		9.31		20.31		112.00		7.31		3.99		3.3			
27/7/2022	Sunny	12:27	4.3	1.0	30.95	31.02	9.33	9.36	21.67	21.80	107.70	109.20	7.11	7.20	4.73	4.24	6.0	5.9			
		12:28	4.3	1.0	31.09		9.39		21.93		110.70		7.29		3.75		5.8				
		12:27	4.8	1.0	31.71	31.57	9.16	9.21	23.38	23.53	106.40	105.70	6.88	6.85	5.79	5.31	3.0	2.8			
		12:28	4.8	1.0	31.42		9.25		23.68		105.00		6.81		4.82		2.6				

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 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
						Sampling was cancelled due to adverse weather															
SR9	2/7/2022	T8	Sampling was cancelled due to adverse weather																		
	4/7/2022	Strong Monsoon Signal	Sampling was cancelled due to adverse weather																		
	6/7/2022	Sunny	12:26	5.1	4.1	28.34	28.34	8.94	8.93	15.45	15.52	126.50	125.10	9.03	8.93	5.16	6.55	3.3	3.4		
			12:27	5.1	4.1	28.34		8.91		15.59		123.70		8.82		7.93		3.5			
	8/7/2022	Cloudy	12:34	4.3	3.3	29.43	29.40	9.20	9.12	8.84	8.89	113.80	113.90	8.27	8.29	8.11	7.32	2.4	2.5		
			12:35	4.3	3.3	29.36		9.03		8.93		114.00		8.30		6.52		2.5			
	11/7/2022	Sunny	10:31	4.5	3.5	30.60	30.59	9.83	9.79	12.26	12.33	115.40	115.55	8.07	8.08	5.06	4.36	4.3	4.2		
			10:32	4.5	3.5	30.57		9.74		12.39		115.70		8.09		3.66		4.0			
	13/7/2022	Sunny	10:45	5.0	4.0	29.66	29.64	9.45	9.42	18.13	18.23	115.70	115.50	7.96	7.95	3.49	3.02	1.7	1.8		
			10:46	5.0	4.4	29.61		9.39		18.32		115.30		7.93		2.55		1.8			
	15/7/2022	Sunny	12:29	5.1	4.4	29.57	29.56	9.07	9.02	21.51	21.42	116.80	116.60	7.90	7.89	6.13	5.27	1.7	1.8		
			12:30	5.4	4.4	29.55		8.96		21.33		116.40		7.88		4.40		1.8			
	18/7/2022	Cloudy	12:32	5.1	4.1	28.82	29.34	9.04	9.00	22.10	22.08	124.80	120.50	8.38	8.09	4.94	4.71	3.3	3.3		
			12:33	5.1	4.1	29.85		8.98		22.06		116.20		7.80		4.47		3.2			
	20/7/2022	Sunny	13:44	4.9	3.9	30.25	30.24	9.02	8.97	30.25	30.24	111.80	112.10	7.55	7.57	4.28	3.97	3.1	3.2		
			13:45	4.9	3.9	30.22		8.92		30.22		112.40		7.59		3.65		3.2			
	22/7/2022	Sunny	10:17	3.8	2.8	29.93	29.93	9.79	9.39	21.98	22.07	115.00	114.50	7.71	7.68	4.62	4.68	2.6	2.8		
			10:18	3.8	2.8	29.93		8.99		22.16		114.00		7.64		4.74		3.0			
	25/7/2022	Sunny	10:24	4.4	3.4	31.41	31.42	9.47	9.48	20.06	20.04	114.30	113.55	7.56	7.51	4.12	4.05	2.7	2.9		
			10:25	4.4	3.4	31.42		9.49		20.01		112.80		7.46		3.98		3.0			
	27/7/2022	Sunny	10:23	4.3	3.3	31.05	31.04	9.46	9.42	21.55	21.67	115.20	113.70	7.60	7.50	4.78	4.21	4.4	4.2		
			10:24	4.3	3.3	31.02		9.37		21.79		112.20		7.40		3.64		4.0			
	29/7/2022	Sunny	10:26	5.1	4.1	30.49	30.53	9.51	9.51	23.71	23.73	93.90	103.85	6.18	6.83	5.12	4.81	1.4	1.3		
			10:27	5.1	4.1	30.56		9.50		23.74		113.80		7.48		4.49		1.2			

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) - 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															
SR9	2/7/2022	T8	Sampling was cancelled due to adverse weather																		
	4/7/2022	Strong Monsoon Signal	Sampling was cancelled due to adverse weather																		
	6/7/2022	Sunny	10:37	4.3	3.3	28.02	28.02	8.88	8.90	16.95	16.94	115.10	115.10	8.20	8.20	6.80	6.51	4.1	4.3		
			10:38	4.3	3.3	28.02		8.91		16.92		115.10		8.19		6.21		4.4			
	8/7/2022	Cloudy	10:52	4.1	3.1	29.05	29.05	9.20	9.19	13.65	13.67	98.70	106.85	7.03	7.61	9.37	7.61	1.5	1.6		
			10:53	4.1	3.1	29.05		9.17		13.68		115.00		8.19		5.85		1.7			
	11/7/2022	Sunny	12:32	3.8	2.8	30.54	30.48	9.58	9.57	13.98	13.97	114.50	114.40	7.95	7.95	4.82	4.65	3.8	4.0		
			12:33	3.8	2.8	30.41		9.56		13.95		114.30		7.94		4.48		4.2			
	13/7/2022	Sunny	12:32	4.4	3.4	29.84	29.81	9.48	9.42	17.00	17.03	113.90	113.70	7.86	7.85	4.32	3.80	1.9	1.8		
			12:33	4.4	3.4	29.78		9.35		17.06		113.50		7.84		3.28		1.7			
	15/7/2022	Sunny	10:20	5.4	4.4	29.41	29.41	9.22	9.14	21.26	21.42	116.20	115.90	7.89	7.87	7.71	6.22	1.9	1.8		
			10:21	5.4	4.4	29.41		9.06		21.58		115.60		7.84		4.72		1.7			
	18/7/2022	Cloudy	10:31	4.8	3.8	29.38	29.40	9.12	9.11	22.14	22.06	115.30	115.25	7.79	7.79	4.63	4.47	3.6	3.8		
			10:32	4.8	3.8	29.41		9.09		21.98		115.20		7.79		4.31		3.9			
	20/7/2022	Sunny	12:17	4.7	3.7	30.29	30.29	9.13	9.10	19.78	19.84	114.80	114.40	7.75	7.72	4.66	4.31	2.4	2.5		
			12:18	4.7	3.7	30.28		9.06		19.89		114.00		7.69		3.95		2.5			
	22/7/2022	Sunny	12:32	3.7	2.7	30.57	30.56	9.20	9.09	21.93	21.92	113.00	112.95	7.50	7.50	4.50	4.63	2.1	2.3		
			12:33	3.7	2.7	30.54		8.97		21.90		112.90		7.50		4.76		2.4			
	25/7/2022	Sunny	12:34	4.0	3.0	32.10	32.10	9.48	9.40	31.35	26.41	105.50	104.30	6.85	6.77	4.08	3.63	3.9	4.0		
			12:35	4.0	3.0	32.10		9.31		21.46		103.10		6.69		3.18		4.1			
	27/7/2022	Sunny	12:30	4.3	3.3	30.93	30.91	9.44	9.48	22.68	22.76	107.50	108.75	7.06	7.15	4.12	3.91	4.4	4.6		
			12:31	4.3	3.3	30.88		9.52		22.84		110.00		7.23		3.70		4.8			
	29/7/2022	Sunny	12:30	4.8	3.8	30.97	30.52	9.31	9.33	23.58	23.68	113.00	108.60	7.37	7.09	5.61	5.06	5.0	4.9		
			12:31	4.8	3.8	30.96		9.24		23.77		104.20		6.81		4.50		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 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
						Sampling was cancelled due to adverse weather															
SR10	2/7/2022	T8	Sampling was cancelled due to adverse weather																		
	4/7/2022	Strong Monsoon Signal	Sampling was cancelled due to adverse weather																		
	6/7/2022	Sunny	12:14	2.9	1.5	28.39	28.40	9.32	9.16	15.82	15.75	84.80	98.80	6.03	7.04	5.10	5.18	2.3	2.4		
			12:15	2.9	1.5	28.41		8.99		15.68		112.80		8.04		5.26		2.5			
	8/7/2022	Cloudy	10:40	2.8	1.4	29.34	29.34	9.36	9.22	9.52	9.51	116.30	116.25	8.43	8.43	5.87	5.88	3.1	3.3		
			12:26	2.8	1.4	29.33		9.08		9.49		116.20		8.43		5.88		3.4			
	11/7/2022	Sunny	10:40	2.8	1.4	30.66	30.64	9.75	9.75	11.80	11.83	114.30	114.35	8.01	8.02	4.65	4.53	2.6	2.5		
			10:41	2.8	1.4	30.62		9.75		11.85		114.40		8.02		4.40		2.4			
	13/7/2022	Sunny	10:50	2.9	1.5	29.70	29.68	9.51	9.52	14.91	14.90	114.60	114.60	8.02	8.03	3.99	3.89	1.8	1.9		
			10:51	2.9	1.4	29.65		9.53		14.89		114.60		8.03		3.79		1.9			
	15/7/2022	Sunny	12:20	2.9	1.4	29.62	29.61	9.16	9.11	20.06	20.51	114.20	114.05	7.74	7.74	4.31	4.17	1.8	1.9		
			12:21	2.7	1.4	29.59		9.06		20.95		113.90		7.73		4.03		1.9			
	18/7/2022	Cloudy	12:21	2.9	1.5	30.37	30.40	8.91	9.01	22.40	22.49	113.40	113.25	7.53	7.51	5.13	4.94	2.4	2.2		
			12:22	2.9	1.5	30.42		9.11		22.57		113.10		7.49		4.74		2.0			
	20/7/2022	Sunny	13:36	2.7	1.4	30.22	30.21	8.93	8.91	30.12	30.16	112.20	112.15	7.58	7.59	3.99	3.79	2.7	2.6		
			13:37	2.7	1.4	30.19		8.89		30.19		112.10		7.59		3.59		2.5			
	22/7/2022	Sunny	10:25	2.7	1.4	30.93	30.97	9.33	9.36	20.26	20.34	112.30	109.70	7.48	7.30	8.21	6.74	4.3	4.2		
			10:26	2.7	1.4	31.00		9.38		20.42		107.10		7.11		5.26		4.0			
	25/7/2022	Sunny	10:31	2.4	1.2	31.53	31.54	9.41	9.46	20.69	20.83	107.20	105.65	7.05	6.95	4.69	4.48	3.4	3.6		
			10:32	2.4	1.2	31.55		9.51		20.97		104.10		6.84		4.26		3.8			
27/7/2022	Sunny	10:30	2.7	1.4	31.12	31.09	9.36	9.40	20.94	21.06	113.40	108.55	7.50	7.18	5.25	4.65	2.3	2.3			
		10:31	2.7	1.4	31.06		9.43		21.18		103.70		6.86		4.04		2.3				
29/7/2022	Sunny	10:33	2.7	1.4	30.54	30.52	9.54	9.50	23.76	23.91	103.90	108.70	6.83	7.15	5.50	4.93	3.2	3.0			
		10:34	2.7	1.4	30.50		9.46		24.06		113.50		7.46		4.36		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 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
						Sampling was cancelled due to adverse weather													
SR10	2/7/2022	T8	Sampling was cancelled due to adverse weather																
	4/7/2022	Strong Monsoon Signal	Sampling was cancelled due to adverse weather																
	6/7/2022	Sunny	10:43	2.9	1.5	28.20	28.21	9.05	9.01	15.76	15.75	113.60	113.60	8.11	8.12	6.72	5.77	1.2	1.3
			10:44	2.9	1.5	28.21		8.97		15.74		113.60		8.12		4.82		1.4	
	8/7/2022	Cloudy	10:57	2.9	1.5	28.95	28.94	9.09	9.05	9.73	9.71	115.10	115.05	8.40	8.38	8.08	7.23	1.7	1.6
			10:58	2.9	1.5	28.92		9.01		9.69		115.00		8.35		6.37		1.5	
	11/7/2022	Sunny	12:23	2.4	1.2	30.48	30.49	9.91	9.82	11.85	11.83	113.70	110.60	7.98	7.77	4.77	4.36	3.6	3.6
			12:24	2.4	1.2	30.50		9.73		11.80		107.50		7.85		3.94		3.5	
	13/7/2022	Sunny	12:22	2.9	1.5	29.59	29.55	9.25	9.32	14.80	14.86	114.00	114.10	8.00	8.01	4.20	3.96	1.2	1.2
			12:23	2.9	1.5	29.51		9.39		14.92		114.20		8.02		3.72		1.1	
	15/7/2022	Sunny	10:26	2.7	1.4	29.57	29.56	9.12	9.19	20.86	20.92	114.70	105.75	7.79	7.18	4.55	4.45	1.2	1.2
			10:27	2.7	1.4	29.55		9.26		20.97		96.80		6.57		4.35		1.1	
	18/7/2022	Cloudy	10:37	2.9	1.5	29.67	29.70	9.30	9.16	22.40	22.44	114.10	109.10	7.67	7.33	5.48	4.97	2.6	2.7
			10:38	2.9	1.5	29.73		9.02		22.48		104.10		6.99		4.45		2.8	
	20/7/2022	Sunny	12:23	2.6	1.3	30.24	30.23	9.06	8.99	19.49	19.54	115.10	114.10	7.67	7.66	5.25	4.64	1.8	1.8
			12:24	2.6	1.3	30.21		8.92		19.59		113.10		7.65		4.03		1.8	
	22/7/2022	Sunny	12:23	2.5	1.3	31.01	31.03	9.25	9.30	20.40	20.43	105.30	105.15	7.00	6.99	5.24	5.24	4.8	4.7
			12:24	2.5	1.3	31.05		9.35		20.45		105.00		6.97		5.24		4.5	
	25/7/2022	Sunny	12:23	2.3	1.2	31.83	31.95	10.55	9.89	21.41	21.44	99.90	102.60	6.52	6.69	3.72	3.63	3.2	3.4
			12:24	2.3	1.2	32.06		9.23		21.46		105.30		6.85		3.54		3.5	
27/7/2022	Sunny	12:20	2.7	1.4	31.05	31.05	9.58	9.46	22.61	22.75	110.20	105.80	7.23	6.94	4.11	3.82	3.3	3.5	
		12:21	2.7	1.4	31.05		9.33		22.89		101.40		6.64		3.52		3.6		
29/7/2022	Sunny	12:21	2.8	1.4	31.17	31.22	9.60	9.56	23.79	23.96	100.40	98.15	6.53	6.38	4.88	4.66	2.8	2.9	
		12:22	2.9	1.4	31.27		9.51		24.12		96.90		6.22		4.44		3.0		

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) - 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															
SR12	2/7/2022	T8	Sampling was cancelled due to adverse weather																		
	4/7/2022	Strong Monsoon Signal	Sampling was cancelled due to adverse weather																		
	6/7/2022	Sunny	12:10	2.9	1.5	28.23	28.24	9.10	9.02	16.38	16.43	112.80	112.90	6.35	7.20	5.95	6.55	4.1	4.3		
			12:11	2.9	1.5	28.25		8.93		16.47		113.00		8.04		7.14		4.5			
	8/7/2022	Cloudy	10:48	2.9	1.5	29.28	29.27	9.11	9.11	10.05	10.04	115.80	116.15	8.38	8.41	7.43	7.01	2.6	2.8		
			12:21	2.8	1.4	29.26		9.10		10.02		116.50		8.44		6.58		2.9			
	11/7/2022	Sunny	10:48	2.9	1.5	30.47	30.38	9.70	8.73	12.48	12.49	115.90	115.15	8.11	8.07	5.44	5.47	4.4	4.5		
			10:49	2.9	1.5	30.28		7.76		12.49		114.40		8.02		5.49		4.6			
	13/7/2022	Sunny	10:56	2.8	1.4	29.75	29.74	9.52	9.47	14.60	14.69	114.70	114.55	8.04	8.03	5.36	4.47	1.4	1.3		
			10:57	2.8	1.4	29.72		9.41		14.77		114.40		8.01		3.57		1.2			
	15/7/2022	Sunny	12:13	2.8	1.4	29.60	29.60	9.10	9.11	21.08	21.13	104.30	109.05	7.07	7.39	4.17	4.02	1.4	1.3		
			12:14	2.8	1.4	29.59		9.11		21.18		113.80		7.71		3.86		1.2			
	18/7/2022	Cloudy	12:14	2.8	1.4	30.46	30.44	8.79	8.83	22.75	22.75	113.20	113.25	7.50	7.50	4.81	4.82	3.2	3.0		
			12:15	2.8	1.4	30.42		8.87		22.74		113.30		7.50		4.83		2.8			
	20/7/2022	Sunny	13:29	2.6	1.3	30.11	30.10	9.00	8.96	30.18	30.16	97.30	104.85	6.58	7.10	4.00	3.61	2.9	2.8		
			13:30	2.6	1.3	30.09		8.91		30.14		112.40		7.61		3.21		2.6			
	22/7/2022	Sunny	10:35	2.6	1.3	30.99	31.00	9.50	9.46	30.32	30.41	113.40	113.20	7.54	7.53	6.05	5.95	3.5	3.4		
			10:36	2.6	1.3	31.00		9.42		30.50		113.00		7.51		5.85		3.3			
	25/7/2022	Sunny	10:35	2.5	1.3	31.43	31.43	9.39	9.32	20.62	20.80	105.70	104.00	6.97	6.85	3.99	4.63	3.4	3.2		
			10:36	2.5	1.3	31.43		9.25		20.97		102.30		6.73		5.26		3.0			
	27/7/2022	Sunny	10:36	2.6	1.3	30.94	30.91	9.40	9.35	22.06	22.22	114.50	108.40	7.55	7.15	5.31	4.82	5.0	5.2		
			10:37	2.6	1.3	30.87		9.30		22.37		102.30		6.74		4.33		5.4			
	29/7/2022	Sunny	10:40	2.9	1.5	30.46	30.47	9.53	9.50	23.93	24.01	113.90	108.30	7.49	7.12	5.53	4.95	2.5	2.5		
			10:41	2.9	1.5	30.48		9.47		24.08		102.70		6.75		4.37		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 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	
						Sampling was cancelled due to adverse weather														
SR12	2/7/2022	T8	Sampling was cancelled due to adverse weather																	
	4/7/2022	Strong Monsoon Signal	Sampling was cancelled due to adverse weather																	
	6/7/2022	Sunny	10:47	2.8	1.4	28.08	28.09	9.07	9.00	16.47	16.47	87.30	100.85	6.23	7.19	6.44	6.96	2.4	2.3	
			10:48	2.8	1.4	28.09		8.92		16.47		114.40		8.14		7.48		2.1		
	8/7/2022	Cloudy	11:01	2.7	1.4	29.06	29.05	9.23	9.16	9.33	9.38	114.40	114.40	8.35	8.35	6.84	6.45	1.8	1.7	
			11:02	2.7	1.4	29.04		9.09		9.43		114.40		8.35		6.05		1.5		
	11/7/2022	Sunny	12:18	2.6	1.3	30.24	30.25	9.83	9.82	13.02	13.02	111.40	112.10	7.81	7.86	5.20	4.97	4.0	4.1	
			12:19	2.6	1.3	30.26		9.80		13.01		112.80		7.90		4.73		4.1		
	13/7/2022	Sunny	12:15	2.8	1.4	29.58	29.59	9.42	9.35	15.16	15.11	112.50	112.90	7.88	7.91	3.74	3.67	1.4	1.5	
			12:16	2.8	1.4	29.59		9.28		15.06		113.30		7.94		3.60		1.6		
	15/7/2022	Sunny	10:35	2.9	1.5	29.52	29.50	9.26	9.20	20.97	20.96	114.30	113.70	7.76	7.73	3.96	3.94	1.4	1.5	
			10:36	2.9	1.5	29.48		9.14		20.95		113.10		7.69		3.92		1.6		
	18/7/2022	Cloudy	10:46	2.8	1.4	29.48	29.50	9.02	8.97	22.71	22.72	114.30	114.45	7.69	7.70	6.17	5.70	2.9	3.0	
			10:47	2.8	1.4	29.52		8.92		22.72		114.60		7.71		5.22		3.1		
	20/7/2022	Sunny	12:30	2.5	1.3	30.10	30.10	9.00	8.98	19.67	19.73	114.30	111.50	7.74	7.56	4.76	4.05	2.8	2.7	
			12:31	2.5	1.3	30.10		8.96		19.78		108.70		7.37		3.34		2.5		
	22/7/2022	Sunny	12:15	2.5	1.3	30.95	30.94	9.42	9.36	20.60	20.64	113.30	112.85	7.53	7.50	7.76	6.27	3.6	3.5	
			12:16	2.5	1.3	30.92		9.30		20.68		112.40		7.47		4.78		3.4		
	25/7/2022	Sunny	12:18	2.4	1.2	31.97	31.98	9.34	9.30	21.02	21.01	112.60	108.75	7.34	7.09	3.49	3.57	3.1	3.2	
			12:19	2.4	1.2	31.99		9.26		20.99		104.90		6.84		3.64		3.3		
	27/7/2022	Sunny	12:13	2.6	1.3	30.68	30.68	9.60	9.49	22.65	22.72	113.60	107.50	7.50	7.10	3.79	3.71	3.5	3.5	
			12:14	2.6	1.3	30.67		9.37		22.79		101.40		6.89		3.62		3.4		
	29/7/2022	Sunny	12:14	2.8	1.4	30.79	30.86	9.43	9.46	24.03	24.08	110.10	109.35	7.20	7.14	4.80	4.62	3.0	2.9	
			12:15	2.9	1.4	30.83		9.40		24.12		108.60		7.08		4.43		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 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
						Sampling was cancelled due to adverse weather															
SR15	2/7/2022	T8	Sampling was cancelled due to adverse weather																		
	4/7/2022	Strong Monsoon Signal	Sampling was cancelled due to adverse weather																		
	6/7/2022	Sunny	13:02	2.8	1.4	28.23	28.21	8.89	8.90	14.25	14.20	113.80	113.60	8.19	8.16	6.55	6.40	2.7	2.7		
			13:03	2.8	1.4	28.18		8.91		14.15		113.40		8.13		6.24		2.6			
	8/7/2022	Cloudy	13:10	2.9	1.5	29.26	29.25	9.22	9.20	9.21	9.21	112.60	112.70	8.19	8.21	6.91	6.78	5.0	5.2		
			13:11	2.9	1.5	29.24		9.18		9.21		112.80		8.22		6.64		5.4			
	11/7/2022	Sunny	9:45	2.8	1.4	30.36	30.38	9.61	9.69	14.19	14.15	118.10	110.00	8.21	7.65	4.15	3.93	2.8	2.7		
			9:46	2.8	1.4	30.40		9.76		14.10		101.90		7.08		3.71		2.5			
	13/7/2022	Sunny	10:01	2.8	1.4	29.85	29.85	9.37	9.41	17.57	17.56	123.60	122.95	8.51	8.47	3.87	3.17	<1.0	1.0		
			10:02	2.8	1.4	29.85		9.44		17.54		122.30		8.42		2.47		<1.0			
	15/7/2022	Sunny	13:12	2.9	1.5	30.09	30.09	9.26	9.28	19.36	19.46	113.70	107.75	7.72	7.31	5.51	4.78	<1.0	1.0		
			13:13	2.9	1.5	30.09		9.30		19.55		101.80		6.90		4.05		<1.0			
	18/7/2022	Cloudy	13:05	2.9	1.5	30.04	30.05	9.85	9.01	21.29	21.40	113.60	113.60	7.63	7.63	9.22	8.50	5.1	5.1		
			13:06	2.9	1.5	30.05		9.06		21.51		113.60		7.63		7.77		5.0			
	20/7/2022	Sunny	14:24	2.9	1.5	30.43	30.38	9.21	9.14	20.14	20.15	113.30	115.30	7.61	7.76	5.58	5.02	2.8	3.0		
			14:25	2.9	1.5	30.33		9.06		20.16		117.30		7.90		4.45		3.1			
	22/7/2022	Sunny	9:35	2.9	1.5	29.86	29.89	9.21	9.29	21.76	21.81	117.20	111.25	7.88	7.48	6.44	5.79	3.2	3.0		
			9:36	2.9	1.5	29.92		9.36		21.85		106.30		7.07		5.13		2.8			
	25/7/2022	Sunny	9:40	2.7	1.4	31.17	31.24	7.17	7.33	19.76	19.69	112.90	106.40	7.51	7.08	5.73	4.91	2.1	2.1		
			9:41	2.7	1.4	31.31		7.49		19.61		99.90		6.64		4.09		2.1			
27/7/2022	Sunny	9:37	2.7	1.4	30.40	30.44	10.92	10.16	20.79	20.49	113.20	107.70	7.58	7.21	5.44	5.21	4.4	4.5			
		9:38	2.7	1.4	30.47		9.39		20.19		102.20		6.84		4.98		4.6				
29/7/2022	Sunny	9:42	2.8	1.4	29.76	29.80	9.33	9.35	23.79	23.96	120.50	120.30	8.02	8.00	5.85	5.31	2.6	2.5			
		9:43	2.8	1.4	29.84		9.36		24.13		120.10		7.97		4.77		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 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
						Sampling was cancelled due to adverse weather													
SR15	2/7/2022	T8	Sampling was cancelled due to adverse weather																
	4/7/2022	Strong Monsoon Signal	Sampling was cancelled due to adverse weather																
	6/7/2022	Sunny	9:56	2.9	1.5	28.16	28.18	8.75	8.84	15.17	15.23	84.90	102.10	6.09	7.32	9.50	7.81	1.7	1.6
			9:57	2.9	1.5	28.20		8.92		15.28		119.30		8.55		6.12		1.4	
	8/7/2022	Cloudy	10:13	2.8	1.4	28.96	28.95	9.08	9.09	12.13	12.04	123.50	123.30	8.89	8.88	5.48	5.70	3.0	2.9
			10:14	2.8	1.4	28.93		9.10		11.94		123.10		8.87		5.92		2.7	
	11/7/2022	Sunny	12:58	2.3	1.2	30.59	30.56	9.80	9.72	12.84	12.88	113.70	113.95	7.93	7.95	5.18	4.64	4.2	4.0
			12:59	2.3	1.2	30.52		9.63		12.92		114.20		7.97		4.09		3.7	
	13/7/2022	Sunny	13:06	2.9	1.5	30.31	30.27	9.60	9.55	16.26	16.25	112.80	113.00	7.76	7.78	2.56	2.41	<1.0	1.0
			13:07	2.9	1.5	30.23		9.49		16.24		113.20		7.79		2.26		<1.0	
	15/7/2022	Sunny	9:36	2.7	1.4	29.46	29.48	9.09	9.09	19.25	19.23	125.40	124.55	8.60	8.55	3.89	3.92	<1.0	1.0
			9:37	2.7	1.4	29.49		9.09		19.20		123.70		8.49		3.94		<1.0	
	18/7/2022	Cloudy	9:48	2.8	1.4	29.15	29.18	8.92	9.02	21.88	21.78	125.90	125.75	8.56	8.55	5.33	5.44	4.2	4.2
			9:49	2.8	1.4	29.21		9.11		21.67		125.60		8.53		5.55		4.1	
	20/7/2022	Sunny	11:37	2.8	1.4	30.22	30.18	9.12	9.06	20.25	20.47	120.60	120.25	8.13	8.07	5.70	4.77	3.2	3.2
			11:38	2.8	1.4	30.14		8.99		20.69		119.90		8.01		3.84		3.1	
	22/7/2022	Sunny	13:07	2.7	1.4	31.58	31.53	9.51	9.47	19.51	19.58	115.10	114.60	7.62	7.59	4.56	4.69	3.4	3.6
			13:08	2.7	1.4	31.47		9.42		19.64		114.10		7.56		4.81		3.8	
	25/7/2022	Sunny	13:11	2.8	1.4	32.62	32.64	9.20	9.20	19.61	19.66	112.60	109.80	7.32	7.14	4.89	4.15	2.4	2.6
			13:12	2.8	1.4	32.65		9.19		19.71		107.00		6.97		3.41		2.7	
27/7/2022	Sunny	13:04	2.6	1.3	31.01	30.93	9.29	9.32	20.37	20.40	104.80	105.45	6.96	7.02	5.00	4.28	3.6	3.8	
		13:05	2.6	1.3	30.85		9.35		20.43		106.10		7.07		3.56		4.0		
29/7/2022	Sunny	13:01	2.8	1.4	31.45	31.43	9.19	9.19	23.46	23.56	107.10	104.85	6.95	6.80	4.31	4.17	3.8	3.7	
		13:02	2.8	1.4	31.40		9.18		23.65		102.60		6.65		4.02		3.5		

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 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	2/7/2022	T8	Sampling was cancelled due to adverse weather																		
	4/7/2022	Strong Monsoon Signal	Sampling was cancelled due to adverse weather																		
	6/7/2022	Sunny	12:00	8.7	1.0	28.04	28.02	9.80	9.38	17.87	18.09	120.10	123.95	8.50	8.77	6.37	6.12	3.4	3.5		
			12:01	8.7	1.0	27.99		8.95		18.30		127.80		9.04		5.87		3.6			
	8/7/2022	Cloudy	12:09	8.5	1.0	28.78	28.77	9.34	9.31	14.16	14.16	124.90	130.25	8.91	9.30	5.35	5.32	5.0	4.9		
			12:10	8.5	1.0	28.76		9.28		14.15		136.60		9.68		5.28		4.7			
	11/7/2022	Sunny	10:55	8.6	1.0	30.21	30.21	9.54	9.64	13.28	13.36	114.70	114.30	8.03	8.00	5.90	6.04	2.9	2.8		
			10:56	8.6	1.0	30.20		9.73		13.44		113.90		7.97		6.17		2.6			
	13/7/2022	Sunny	11:06	9.6	1.0	29.63	29.62	9.40	9.40	15.48	15.48	130.30	124.10	9.10	9.17	3.94	3.80	1.7	1.8		
			11:07	9.6	1.0	29.61		9.40		15.47		117.90		9.24		3.66		1.9			
	15/7/2022	Sunny	12:00	8.6	1.0	29.44	29.46	9.40	9.37	21.58	21.57	158.20	139.30	10.72	9.44	5.53	4.85	1.7	1.8		
			12:01	8.6	1.0	29.47		9.34		21.55		120.40		8.16		4.17		1.9			
	18/7/2022	Cloudy	12:01	9.3	1.0	29.94	29.90	8.91	8.95	22.01	22.22	116.90	115.45	7.83	7.73	4.91	4.67	2.3	2.3		
			12:02	9.3	1.0	29.85		8.98		22.43		114.00		7.63		4.43		2.2			
	20/7/2022	Sunny	13:16	8.9	1.0	30.11	30.10	9.00	8.96	30.11	30.10	100.60	101.80	6.91	6.89	4.30	4.22	3.4	3.3		
			13:17	8.9	1.0	30.09		8.92		30.09		103.00		6.97		4.13		3.1			
	22/7/2022	Sunny	10:42	8.5	1.0	29.89	29.89	9.25	9.14	22.35	22.28	114.70	114.30	7.68	7.66	3.30	3.47	2.8	2.9		
			10:43	8.5	1.0	29.88		9.03		22.21		113.90		7.64		3.63		2.9			
	25/7/2022	Sunny	10:46	8.4	1.0	30.58	30.63	9.26	9.19	23.12	23.14	113.70	109.50	7.50	7.22	3.22	3.25	1.8	1.8		
			10:47	8.4	1.0	30.68		9.11		23.15		105.30		6.93		3.28		1.7			
27/7/2022	Sunny	10:47	8.2	1.0	30.35	30.25	9.27	9.31	22.91	22.97	115.80	108.70	7.67	7.21	6.39	5.30	3.8	4.0			
		10:48	8.2	1.0	30.15		9.34		23.02		101.60		6.75		4.21		4.1				
29/7/2022	Sunny	10:49	8.6	1.0	30.39	30.39	9.52	9.53	23.76	23.89	113.90	111.15	7.50	7.32	6.18	5.39	3.0	2.9			
		10:50	8.6	1.0	30.38		9.54		24.01		108.40		7.14		4.60		2.7				

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) - 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	2/7/2022	T8	Sampling was cancelled due to adverse weather																
	4/7/2022	Strong Monsoon Signal	Sampling was cancelled due to adverse weather																
	6/7/2022	Sunny	10:58	7.6	1.0	29.09	28.10	9.00	8.96	15.74	17.31	114.00	113.85	8.17	8.15	6.22	5.98	2.3	2.2
			10:59	7.6	1.0	28.10		8.92		18.88		113.70		8.13		5.74		2.1	
	8/7/2022	Cloudy	11:13	8.4	1.0	29.01	28.99	9.32	9.26	10.05	10.11	99.20	106.70	7.22	7.77	6.57	6.54	3.6	3.7
			11:14	8.4	1.0	28.97		9.20		10.16		114.20		8.31		6.51		3.8	
	11/7/2022	Sunny	12:05	8.3	1.0	30.55	30.55	10.00	9.95	13.47	13.47	145.30	141.05	10.10	9.81	5.01	4.78	4.1	4.0
			12:06	8.3	1.0	30.54		9.90		13.46		136.80		9.52		4.54		3.8	
	13/7/2022	Sunny	12:02	9.4	1.0	29.92	29.89	9.45	9.41	15.22	15.29	114.40	114.20	7.96	7.95	4.46	4.03	<1.0	1.0
			12:03	9.4	1.0	29.86		9.36		15.35		114.00		7.94		3.60		<1.0	
	15/7/2022	Sunny	10:43	9.4	1.0	29.58	29.58	9.04	9.14	21.29	21.22	114.20	106.05	7.73	7.19	3.56	3.74	<1.0	1.0
			10:44	9.4	1.0	29.57		9.23		21.15		97.90		6.64		3.92		<1.0	
	18/7/2022	Cloudy	10:55	8.9	1.0	29.72	29.71	8.98	8.95	21.80	22.02	114.60	114.25	7.72	7.69	6.07	5.32	2.2	2.4
			10:56	8.9	1.0	29.69		8.91		22.24		113.90		7.85		4.56		2.6	
	20/7/2022	Sunny	12:38	8.7	1.0	29.94	29.92	8.98	8.95	19.88	19.94	114.70	113.97	7.78	7.73	4.75	4.33	1.5	1.4
			12:39	8.7	1.0	29.89		8.91		19.99		113.23		7.68		3.90		1.3	
	22/7/2022	Sunny	12:02	8.3	1.0	30.39	30.34	9.14	9.15	21.15	21.37	115.30	108.65	7.71	7.27	5.10	4.92	3.7	3.8
			12:03	8.3	1.0	30.29		9.15		21.68		102.00		6.82		4.73		3.9	
	25/7/2022	Sunny	12:00	8.6	1.0	31.19	30.71	8.77	8.97	22.80	22.82	103.70	102.95	6.89	6.84	4.00	3.78	4.1	4.2
			12:01	8.6	1.0	30.22		9.16		22.84		102.20		6.79		3.55		4.2	
27/7/2022	Sunny	12:00	8.2	1.0	29.40	29.46	9.24	9.20	25.22	25.36	107.80	104.60	7.17	6.95	3.24	3.31	4.3	4.5	
		12:01	8.2	1.0	29.51		9.16		25.49		101.40		6.72		3.38		4.7		
29/7/2022	Sunny	12:00	8.4	1.0	31.92	31.72	9.55	9.49	23.38	23.67	116.90	115.75	7.54	7.48	5.08	4.84	1.9	1.8	
		12:01	8.4	1.0	31.52		9.43		23.96		114.60		7.41		4.59		1.7		

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 (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	2/7/2022	T8	Sampling was cancelled due to adverse weather																		
	4/7/2022	Strong Monsoon Signal	Sampling was cancelled due to adverse weather																		
	6/7/2022	Sunny	12:04	8.7	4.4	27.72	27.76	8.17	8.57	22.02	22.03	118.90	117.45	8.27	8.20	5.73	5.88	3.4	3.2		
			12:05	8.7	4.4	27.79		8.96		22.03		116.00		8.12		6.02		3.0			
	8/7/2022	Cloudy	12:13	8.5	4.3	28.37	28.34	9.14	9.14	19.64	19.98	127.00	125.90	8.86	8.77	5.44	5.40	4.4	4.3		
			12:14	8.5	4.3	28.30		9.13		20.31		124.80		8.68		5.35		4.1			
	11/7/2022	Sunny	10:59	8.6	4.3	29.56	29.52	9.28	9.22	17.94	18.09	115.20	114.70	7.95	7.92	5.36	4.77	3.2	3.3		
			11:00	8.6	4.3	29.48		9.16		18.23		114.20		7.88		4.17		3.4			
	13/7/2022	Sunny	11:10	9.6	4.8	29.60	29.59	9.60	9.54	16.96	17.01	117.20	112.60	8.12	7.81	5.62	4.52	2.6	2.7		
			11:11	9.6	4.8	29.58		9.48		17.05		108.00		7.49		3.42		2.8			
	15/7/2022	Sunny	12:04	8.6	4.3	29.19	24.16	9.32	9.27	21.96	22.22	140.10	138.10	9.51	9.37	5.47	4.99	2.6	2.7		
			12:05	8.6	4.3	19.13		9.21		22.48		136.10		9.23		4.51		2.8			
	18/7/2022	Cloudy	12:05	9.3	4.7	29.54	29.62	8.87	8.86	22.53	22.66	114.70	113.80	7.72	7.65	4.20	4.18	2.6	2.5		
			12:06	9.3	4.7	29.70		8.85		22.78		112.90		7.57		4.15		2.4			
	20/7/2022	Sunny	13:20	8.9	4.5	30.04	30.02	8.99	8.95	30.03	30.02	111.20	112.30	7.55	7.62	5.27	4.63	2.8	2.7		
			13:21	8.9	4.5	30.00		8.90		30.00		113.40		7.68		3.99		2.6			
	22/7/2022	Sunny	10:46	8.5	4.3	30.07	30.08	9.35	9.30	21.53	21.52	112.30	112.70	7.54	7.57	4.10	4.05	2.4	2.5		
			10:47	8.5	4.3	30.09		9.24		21.50		113.10		7.59		4.00		1.6			
	25/7/2022	Sunny	10:50	8.4	4.2	30.36	30.36	9.03	9.11	24.80	24.92	113.10	112.65	7.41	7.38	2.79	2.69	1.6	1.6		
			10:51	8.4	4.2	30.36		9.19		25.03		112.20		7.35		2.58		1.6			
27/7/2022	Sunny	10:51	8.2	4.1	30.15	30.15	9.30	9.38	22.91	23.05	114.40	110.65	7.61	7.36	3.98	3.71	4.6	4.7			
		10:52	8.2	4.1	30.14		9.45		23.19		106.90		7.10		3.44		4.8				
29/7/2022	Sunny	10:53	8.6	4.3	30.31	30.35	9.54	9.48	23.71	23.85	114.90	113.10	7.58	7.46	5.94	5.04	2.5	2.5			
		10:54	8.6	4.3	30.39		9.41		23.99		111.30		7.33		4.14		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) - 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	2/7/2022	T8	Sampling was cancelled due to adverse weather																
	4/7/2022	Strong Monsoon Signal	Sampling was cancelled due to adverse weather																
	6/7/2022	Sunny	11:01	7.6	3.8	28.11	28.06	8.99	9.03	15.95	16.01	113.80	113.80	8.13	8.14	5.73	5.59	2.6	2.8
			11:02	7.6	3.8	28.00		9.07		16.06		113.80		8.14		5.45		3.0	
	8/7/2022	Cloudy	11:17	8.4	4.2	28.83	28.82	9.30	9.19	14.85	14.89	110.90	112.61	7.98	8.00	5.02	5.09	3.4	3.3
			11:18	8.4	4.2	28.81		9.08		14.93		114.32		8.12		5.15		3.2	
	11/7/2022	Sunny	12:09	8.3	4.2	29.28	29.35	9.44	9.27	21.00	21.17	134.80	126.10	9.19	8.59	3.49	3.56	3.0	3.3
			12:10	8.3	4.2	29.41		9.10		21.33		117.40		7.98		3.62		3.5	
	13/7/2022	Sunny	12:06	9.4	4.7	29.52	29.49	9.44	9.30	18.11	18.21	115.20	114.55	7.94	7.90	6.17	5.13	1.7	1.6
			12:07	9.4	4.7	29.45		9.15		18.30		113.90		7.86		4.09		1.5	
	15/7/2022	Sunny	10:47	9.4	4.7	29.22	29.19	9.15	9.07	22.00	22.08	115.20	115.00	7.81	7.80	4.60	4.11	1.7	1.6
			10:48	9.4	4.7	29.16		8.99		22.15		114.80		7.79		3.61		1.5	
	18/7/2022	Cloudy	10:59	8.9	4.5	29.65	29.67	8.99	8.98	22.28	22.35	114.50	114.35	7.70	7.69	5.19	4.61	2.9	2.9
			11:00	8.9	4.5	29.69		8.96		22.41		114.20		7.67		4.03		2.8	
	20/7/2022	Sunny	12:42	8.7	4.4	29.96	29.96	8.99	8.93	19.86	20.07	111.20	112.25	7.54	7.60	4.27	4.20	1.8	1.9
			12:43	8.7	4.4	29.96		8.87		20.27		113.30		7.65		4.13		1.9	
	22/7/2022	Sunny	12:06	8.3	4.2	29.79	29.71	9.12	9.09	22.20	22.40	114.30	113.85	7.67	7.65	4.35	3.73	3.2	3.1
			12:07	8.3	4.2	29.62		9.06		22.60		113.40		7.62		3.11		2.9	
	25/7/2022	Sunny	12:04	8.6	4.3	29.44	29.47	8.66	9.11	18.52	21.08	98.00	97.05	6.50	6.43	2.72	2.53	3.8	3.6
			12:05	8.6	4.3	29.49		9.55		23.64		96.10		6.36		2.34		3.4	
27/7/2022	Sunny	12:04	8.2	4.1	28.95	28.97	9.16	9.30	26.35	26.39	99.50	99.90	6.62	6.65	3.05	3.11	3.9	4.1	
		12:05	8.2	4.1	28.99		9.44		26.42		100.30		6.67		3.16		4.2		
29/7/2022	Sunny	12:04	8.4	4.2	31.33	31.37	9.55	9.52	23.86	23.93	104.80	103.55	6.80	6.72	4.91	4.78	2.4	2.5	
		12:05	8.4	4.2	31.40		9.48		24.00		102.30		6.63		4.64		2.6		

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 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	2/7/2022	T8	Sampling was cancelled due to adverse weather																		
	4/7/2022	Strong Monsoon Signal	Sampling was cancelled due to adverse weather																		
	6/7/2022	Sunny	12:07	8.7	7.7	27.81	27.83	9.07	9.01	23.05	24.83	115.80	115.25	8.00	7.95	7.15	6.98	3.7	3.9		
			12:08	8.7	7.7	27.85		8.94		26.61		114.70		7.89		6.81		4.0			
	8/7/2022	Cloudy	12:16	8.5	7.5	28.27	28.27	8.96	8.95	22.26	22.38	122.10	118.50	8.40	8.15	5.10	5.14	3.4	3.5		
			12:17	8.5	7.5	28.26		8.93		22.49		114.90		7.90		5.17		3.6			
	11/7/2022	Sunny	11:02	8.6	7.6	29.10	29.04	9.10	9.07	21.49	21.54	114.70	114.20	7.82	7.79	2.81	2.87	3.7	3.9		
			11:03	8.6	7.6	28.97		9.04		21.58		113.70		7.76		2.93		4.0			
	13/7/2022	Sunny	11:14	9.6	8.6	28.71	28.74	9.53	9.12	26.90	27.00	116.80	115.65	7.78	7.70	8.12	7.87	3.0	3.2		
			11:15	9.6	8.6	28.76		8.71		27.10		114.50		7.61		7.61		3.4			
	15/7/2022	Sunny	12:07	8.6	7.6	28.95	28.91	9.10	9.03	23.58	23.66	131.70	129.85	8.90	8.78	5.38	5.30	3.0	3.2		
			12:08	8.6	7.6	28.87		8.95		23.73		128.00		8.65		5.21		3.4			
	18/7/2022	Cloudy	12:09	9.3	8.3	29.62	29.63	8.82	8.75	23.42	23.63	113.60	113.30	7.80	7.57	3.94	4.06	2.8	2.7		
			12:10	9.3	8.3	29.64		8.87		23.84		113.00		7.94		4.17		2.6			
	20/7/2022	Sunny	13:23	8.9	7.9	29.99	29.98	8.91	8.88	29.99	29.98	113.60	113.20	7.70	7.68	4.00	3.78	2.4	2.4		
			13:24	8.9	7.9	29.97		8.85		29.97		112.80		7.65		3.56		2.4			
	22/7/2022	Sunny	10:49	8.5	7.5	29.80	29.76	9.25	9.22	22.57	22.63	113.80	113.55	7.63	7.62	4.99	4.07	2.2	2.2		
			10:50	8.5	7.5	29.72		9.18		22.69		113.30		7.60		3.14		2.1			
	25/7/2022	Sunny	10:53	8.4	7.4	29.83	29.82	8.76	8.78	27.18	27.39	105.50	105.30	6.90	6.86	2.90	2.89	1.2	1.3		
			10:54	8.4	7.4	29.81		8.80		27.60		105.10		6.81		2.87		1.4			
27/7/2022	Sunny	10:54	8.2	7.2	30.10	30.06	9.32	9.20	24.59	22.75	113.10	113.75	7.46	7.50	3.78	3.97	5.2	5.3			
		10:55	8.2	7.2	30.00		9.07		20.90		114.40		7.53		4.15		5.4				
29/7/2022	Sunny	10:56	8.6	7.6	30.25	30.28	9.50	9.41	24.65	24.87	113.50	113.25	7.47	7.44	5.33	4.58	2.2	2.2			
		10:57	8.6	7.6	30.30		9.32		25.09		113.00		7.40		3.83		2.1				

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 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	2/7/2022	T8	Sampling was cancelled due to adverse weather																
	4/7/2022	Strong Monsoon Signal	Sampling was cancelled due to adverse weather																
	6/7/2022	Sunny	11:04	7.6	6.6	28.08	28.08	9.10	9.03	18.85	18.87	114.00	113.95	8.02	8.02	6.25	7.16	3.9	3.8
			11:05	7.6	6.6	28.07		8.95		18.89		113.90		8.02		8.05		3.6	
	8/7/2022	Cloudy	11:20	8.4	7.4	28.77	28.76	9.22	9.17	15.44	15.54	114.20	114.10	8.10	8.09	8.83	7.00	2.6	2.8
			11:21	8.4	7.4	28.75		9.11		15.64		114.00		8.07		5.17		2.9	
	11/7/2022	Sunny	12:12	8.3	7.3	29.10	29.06	9.19	9.01	24.76	24.76	117.40	116.75	7.90	7.84	4.26	3.86	2.5	2.4
			12:13	8.3	7.3	29.01		8.82		24.76		116.10		7.78		3.46		2.3	
	13/7/2022	Sunny	12:10	9.4	8.4	29.94	29.42	9.24	9.08	22.74	22.96	114.80	112.95	7.80	7.67	4.37	4.08	2.2	2.2
			12:11	9.4	8.4	28.90		8.91		23.18		111.10		7.53		3.79		2.1	
	15/7/2022	Sunny	10:51	9.4	8.4	29.13	29.13	9.05	9.52	22.31	22.37	114.40	114.35	7.76	7.76	6.13	5.07	2.2	2.2
			10:52	9.4	8.4	29.13		9.98		22.43		114.30		7.75		4.00		2.1	
	18/7/2022	Cloudy	11:02	8.9	7.9	29.72	29.76	8.95	9.00	22.55	22.78	113.90	113.90	7.64	7.63	4.07	4.29	3.2	3.4
			11:03	8.9	7.9	29.79		9.05		23.01		113.90		7.61		4.51		3.6	
	20/7/2022	Sunny	12:45	8.7	7.7	29.96	29.96	8.84	8.88	20.23	20.10	113.00	111.10	7.86	7.53	5.49	4.71	2.6	2.5
			12:46	8.7	7.7	29.96		8.91		19.96		109.20		7.40		3.93		2.4	
	22/7/2022	Sunny	12:09	8.3	7.3	29.04	29.04	8.89	8.88	25.19	25.39	114.00	113.25	7.62	7.57	5.17	5.08	2.6	2.4
			12:10	8.3	7.3	29.03		8.87		25.59		112.50		7.51		4.99		2.2	
	25/7/2022	Sunny	12:07	8.6	7.6	28.71	28.92	9.32	9.04	29.42	26.96	102.40	99.65	6.72	6.52	2.47	2.55	2.6	2.5
			12:08	8.6	7.6	29.12		8.76		24.49		96.90		6.32		2.63		2.4	
27/7/2022	Sunny	12:07	8.2	7.2	28.47	28.55	9.37	9.38	28.11	27.98	94.80	94.75	6.30	6.29	2.65	2.72	3.2	3.4	
		12:08	8.2	7.2	28.63		9.38		27.85		94.70		6.28		2.78		3.6		
29/7/2022	Sunny	12:07	8.4	7.4	30.61	30.72	9.25	9.39	26.80	25.77	111.90	107.65	7.23	6.94	3.33	3.32	3.1	3.3	
		12:08	8.4	7.4	30.82		9.53		24.73		103.40		6.65		3.30		3.4		

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 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	2/7/2022	T8	Sampling was cancelled due to adverse weather																		
	4/7/2022	Strong Monsoon Signal	Sampling was cancelled due to adverse weather																		
	6/7/2022	Sunny	13:14	9.1	1.0	28.12	28.09	8.85	8.88	14.24	14.37	97.80	105.50	7.06	7.62	6.35	6.15	2.8	2.9		
			13:15	9.1	1.0	28.06		8.90		14.49		113.20		8.17		5.94		2.9			
	8/7/2022	Cloudy	13:22	8.6	1.0	29.45	29.46	9.28	9.23	11.18	11.19	112.20	112.45	8.05	8.03	8.65	8.11	2.3	2.2		
			13:23	8.6	1.0	29.46		9.17		11.20		112.70		8.01		7.56		2.1			
	11/7/2022	Sunny	9:27	9.8	1.0	30.50	30.50	9.31	9.44	14.70	14.64	158.20	152.40	10.94	10.55	2.57	2.41	2.4	2.5		
			9:28	9.8	1.0	30.49		9.57		14.57		146.60		10.15		2.25		2.6			
	13/7/2022	Sunny	9:44	9.5	1.0	29.71	29.69	9.39	9.42	14.42	14.39	153.10	149.40	10.25	10.25	2.83	2.98	1.7	1.7		
			9:45	9.5	1.0	29.67		9.44		14.35		145.70		10.24		3.13		1.6			
	15/7/2022	Sunny	13:23	9.4	1.0	29.77	29.71	9.18	9.14	20.87	21.05	114.60	108.70	7.75	7.36	4.41	4.12	1.7	1.7		
			13:24	9.4	1.0	29.65		9.09		21.23		102.80		6.96		3.83		1.6			
	18/7/2022	Cloudy	13:12	9.9	1.0	29.51	29.52	8.86	8.83	21.96	21.41	115.00	114.60	7.79	7.76	4.54	4.47	2.6	2.7		
			13:13	9.9	1.0	29.53		8.79		21.45		114.20		7.79		4.40		2.6			
	20/7/2022	Sunny	14:33	8.9	1.0	29.78	29.83	8.95	8.96	20.40	20.54	111.50	105.30	7.56	7.15	4.28	4.11	1.9	1.8		
			14:34	8.9	1.0	29.87		8.97		20.68		99.10		6.74		3.94		1.7			
	22/7/2022	Sunny	9:18	8.6	1.0	31.22	31.21	9.58	9.54	20.24	20.30	126.90	123.60	8.41	8.19	5.12	5.01	3.2	3.4		
			9:19	8.6	1.0	31.20		9.49		20.36		120.30		7.97		4.90		3.5			
	25/7/2022	Sunny	9:23	9.6	1.0	30.50	30.43	9.08	9.06	22.55	22.83	128.60	127.40	8.52	8.44	4.33	4.02	1.6	1.7		
			9:24	9.6	1.0	30.36		9.04		23.10		126.20		8.35		3.70		1.8			
	27/7/2022	Sunny	9:20	9.7	1.0	30.60	30.59	9.49	9.44	19.92	20.03	115.10	109.90	7.72	7.37	4.63	4.32	3.2	3.4		
			9:21	9.7	1.0	30.57		9.38		20.13		104.70		7.02		4.00		3.6			
	29/7/2022	Sunny	9:21	9.2	1.0	29.48	29.51	9.16	9.19	25.48	25.34	114.70	116.30	7.60	7.70	4.05	4.14	2.5	2.7		
			9:22	9.2	1.0	29.53		9.22		25.19		117.90		7.80		4.23		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 (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	2/7/2022	T8	Sampling was cancelled due to adverse weather																	
	4/7/2022	Strong Monsoon Signal	Sampling was cancelled due to adverse weather																	
	6/7/2022	Sunny	9:41	8.7	1.0	29.83	28.83	8.94	8.84	13.53	13.54	169.70	163.30	12.36	11.82	7.36	7.21	5.2	5.4	
			9:42	8.7	1.0	27.83		8.74		13.55		156.90		11.28		7.05		5.5		
	8/7/2022	Cloudy	9:56	8.9	1.0	29.52	29.41	9.81	9.33	9.13	9.36	195.50	180.45	14.17	13.09	8.71	7.72	3.4	3.3	
			9:57	8.9	1.0	29.29		8.84		9.59		166.40		12.01		6.72		3.2		
	11/7/2022	Sunny	13:16	8.0	1.0	30.09	29.81	9.43	9.46	12.95	12.98	166.60	142.95	8.20	8.12	6.16	6.05	5.4	5.2	
			13:17	8.0	1.0	29.52		9.52		13.00		119.30		8.03		5.93		5.0		
	13/7/2022	Sunny	13:15	8.4	1.0	30.51	30.41	9.44	9.54	14.77	14.80	112.70	113.00	7.79	7.82	2.85	2.80	<1.0	1.0	
			13:16	8.4	1.0	30.30		9.63		14.82		113.30		7.85		2.74		<1.0		
	15/7/2022	Sunny	9:22	9.6	1.0	29.24	29.22	8.87	8.93	21.26	23.96	169.70	158.90	11.56	10.82	4.30	4.14	<1.0	1.0	
			9:23	9.6	1.0	29.20		8.98		26.65		148.10		10.07		3.98		<1.0		
	18/7/2022	Cloudy	9:32	9.3	1.0	29.19	29.22	8.70	8.76	21.82	21.77	158.00	157.90	11.56	11.14	4.16	4.13	2.6	2.8	
			9:33	9.3	1.0	29.24		8.81		21.72		157.80		10.72		4.09		2.9		
	20/7/2022	Sunny	11:20	8.6	1.0	30.42	30.49	9.07	9.08	19.64	19.89	140.80	138.20	9.49	9.30	4.38	3.84	2.8	3.0	
			11:21	8.6	1.0	30.55		9.09		20.13		135.60		9.30		3.30		3.1		
	22/7/2022	Sunny	13:14	8.4	1.0	31.58	31.56	9.42	9.35	18.35	18.40	107.50	104.25	7.16	6.94	5.69	5.01	2.8	3.0	
			13:15	8.4	1.0	31.53		9.28		18.44		101.00		6.72		4.32		3.1		
	25/7/2022	Sunny	13:23	9.0	1.0	31.94	31.89	9.21	9.19	19.12	19.22	109.20	110.95	7.20	7.32	4.25	3.91	2.7	2.7	
			13:24	9.0	1.0	31.84		9.16		19.32		112.70		7.43		3.56		2.6		
	27/7/2022	Sunny	13:11	8.4	1.0	30.70	30.68	9.24	9.22	20.08	20.17	113.90	106.70	7.62	7.14	5.31	4.71	5.4	5.3	
			13:12	8.4	1.0	30.66		9.20		20.26		99.50		6.65		4.11		5.2		
	29/7/2022	Sunny	13:13	8.6	1.0	30.90	30.60	9.18	9.15	23.70	23.83	115.70	110.25	7.56	7.21	5.46	5.13	2.4	2.5	
			13:14	8.6	1.0	30.29		9.12		23.95		104.80		6.86		4.79		2.6		

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 (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	2/7/2022	T8																			
	4/7/2022	Strong Monsoon Signal																			
	6/7/2022	Sunny	13:18	9.1	4.6	27.99	27.99	8.99	8.92	14.70	14.81	113.20	113.10	8.17	8.16	9.87	8.39	3.2	3.3		
			13:19	9.1	4.6	27.98		8.85		14.91		113.00		8.15		6.91		3.4			
			13:26	8.6	4.3	29.10	29.05	9.19	9.13	15.89	15.96	113.70	106.10	8.00	7.47	4.96	5.13	2.7	2.6		
			13:27	8.6	4.3	29.00		9.07		16.02		98.50		6.93		5.29		2.5			
			9:31	9.8	4.9	29.87	29.84	9.16	9.21	18.44	18.65	139.80	115.55	5.57	5.91	2.58	1.62	3.2	3.1		
			9:32	9.8	4.9	29.80		9.25		18.85		91.30		6.24		0.66		2.9			
			9:48	9.5	4.8	29.73	29.72	9.50	9.49	16.85	16.95	140.70	138.65	9.74	9.60	5.19	3.99	2.4	2.5		
			9:49	9.5	4.8	29.71		9.48		17.04		136.60		9.45		2.79		2.6			
			13:27	9.4	4.7	29.19	29.19	8.99	8.95	22.82	22.87	114.80	114.15	7.76	7.71	7.14	4.48	2.4	2.5		
			13:28	9.4	4.7	29.19		8.90		22.92		113.50		7.66		1.81		2.6			
			13:16	9.8	4.9	29.31	29.33	8.87	8.82	21.99	22.13	114.60	114.30	7.77	7.74	5.23	4.44	3.9	3.8		
			13:17	9.8	4.9	29.35		8.77		22.27		114.00		7.71		3.64		3.6			
			14:37	8.9	4.5	29.77	29.79	9.08	9.08	20.61	20.71	113.40	112.75	7.68	7.63	4.39	4.07	2.3	2.3		
			14:38	8.9	4.5	29.80		9.08		20.81		112.10		7.58		3.75		2.3			
			9:22	8.6	4.3	30.00	29.88	9.23	9.10	23.54	23.70	126.40	125.55	8.40	8.35	5.39	4.93	4.0	3.9		
			9:23	8.6	4.3	29.75		8.97		23.86		124.70		8.30		4.47		3.8			
			9:27	9.6	4.8	29.85	29.84	9.07	9.00	23.46	23.71	124.90	124.30	8.32	8.27	3.51	3.28	1.8	1.9		
			9:28	9.6	4.8	29.82		8.93		23.95		123.70		8.22		3.04		1.9			
		9:24	9.7	4.9	29.64	29.55	9.32	9.24	24.77	24.76	106.60	101.00	7.07	6.71	4.27	3.66	3.8	3.9			
		9:25	9.7	4.9	29.46		9.16		24.74		95.40		6.35		3.04		4.0				
		9:25	9.2	4.6	29.34	29.34	9.30	9.30	25.56	25.62	110.80	105.30	7.36	6.99	5.01	4.83	3.6	3.5			
		9:26	9.2	4.6	29.34		9.29		25.67		99.80		6.62		4.65		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 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	2/7/2022	T8																	
	4/7/2022	Strong Monsoon Signal																	
	6/7/2022	Sunny	9:45	8.7	4.4	27.81	27.82	9.04	9.02	17.27	16.90	146.50	143.90	10.42	10.27	8.66	8.26	6.8	6.9
			9:46	8.7	4.4	27.83		8.99		16.53		141.30		10.11		7.86		7.0	
			10:00	8.9	4.5	29.06	29.05	9.06	9.02	10.05	10.11	139.30	143.30	10.13	10.42	8.59	7.45	4.0	3.8
			10:01	8.9	4.5	29.03		8.97		10.17		147.30		10.71		6.31		3.6	
			13:20	8.0	4.0	29.62	29.57	9.62	9.62	14.32	14.62	114.40	112.10	8.04	7.88	5.92	4.8	4.7	
			13:21	8.0	4.0	29.51		9.62		14.92		109.80		7.72		6.01		4.5	
			13:19	8.4	4.2	30.21	30.17	9.56	9.52	15.26	15.34	114.50	114.20	7.93	7.92	3.58	2.97	1.5	1.4
			13:20	8.4	4.2	30.12		9.48		15.42		113.90		7.90		2.35		1.2	
			9:26	9.6	4.8	29.27	29.17	9.08	9.07	21.81	21.93	148.90	146.15	10.14	9.95	6.86	5.59	1.5	1.4
			9:27	9.6	4.8	29.06		9.05		22.04		143.40		9.76		4.32		1.2	
			9:36	9.3	4.7	29.19	29.19	8.94	8.93	22.07	22.10	151.40	148.70	10.27	10.09	4.52	4.47	3.3	3.2
			9:37	9.3	4.7	29.18		8.92		22.12		146.00		9.91		4.42		3.0	
			11:24	8.6	4.3	30.31	30.26	9.20	9.13	19.12	19.65	134.10	132.25	9.04	8.92	3.85	3.57	2.7	2.6
			11:25	8.6	4.3	30.20		9.06		20.16		130.40		8.79		3.29		2.5	
			13:18	8.4	4.2	31.34	31.30	9.35	9.35	18.66	18.68	113.90	109.80	7.60	7.33	6.20	5.27	2.4	2.5
			13:19	8.4	4.2	31.26		9.36		18.69		106.70		7.06		4.33		2.5	
			13:27	9.0	4.5	31.75	31.72	9.19	9.19	18.89	19.07	112.40	106.50	7.44	7.05	6.36	5.40	2.2	2.3
			13:28	9.0	4.5	31.68		9.18		19.25		100.60		6.66		4.43		2.4	
		13:15	8.4	4.2	30.64	30.58	9.21	9.29	20.05	20.13	103.80	102.55	6.95	6.85	3.82	3.80	4.4	4.6	
		13:16	8.4	4.2	30.51		9.36		20.21		101.30		6.75		3.77		4.8		
		13:17	8.6	4.3	30.65	30.64	8.96	9.03	27.72	25.79	107.90	105.35	7.09	6.92	4.84	4.89	3.0	3.1	
		13:18	8.6	4.3	30.63		9.10		23.85		102.80		6.75		4.94		3.1		

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 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	2/7/2022	T8																			
	4/7/2022	Strong Monsoon Signal																			
	6/7/2022	Sunny	13:22	9.1	8.1	27.93	27.85	8.90	8.90	15.87	15.91	113.10	113.10	8.13	8.13	6.30	5.95	4.1	4.0		
			13:23	9.1	8.1	27.76		8.89		15.95		113.10		8.13		5.59		3.8			
			13:29	8.6	7.6	28.47	28.45	9.00	9.01	20.32	20.49	114.40	114.10	7.94	7.91	5.60	5.16	3.3	3.2		
			13:30	8.6	7.6	28.42		9.01		20.65		113.80		7.88		4.71		3.1			
			9:35	9.8	8.8	29.30	29.33	8.99	9.02	22.47	22.54	129.00	127.50	8.72	8.61	3.35	3.52	4.4	4.3		
			9:36	9.8	8.8	29.36		9.05		22.60		126.00		8.50		3.68		4.1			
			9:52	9.5	8.5	29.34	29.28	9.36	9.19	21.31	21.49	134.40	132.40	9.14	9.01	9.74	8.16	3.6	3.4		
			9:53	9.5	8.5	29.22		9.02		21.66		130.40		8.87		6.57		3.2			
			13:31	9.4	8.4	28.84	28.82	8.85	8.78	25.26	25.27	113.60	113.35	7.36	7.47	5.34	5.37	3.6	3.4		
			13:32	9.4	8.4	28.79		8.71		25.27		113.10		7.58		5.39		3.2			
			13:20	9.8	8.8	29.24	29.26	8.78	8.76	22.66	22.66	114.00	113.70	7.70	7.68	4.59	4.51	6.0	6.1		
			13:21	9.8	8.8	29.27		8.74		22.65		113.40		7.66		4.43		6.2			
			14:40	8.9	7.9	29.89	29.93	9.04	8.92	20.88	21.09	112.40	112.25	7.59	7.57	3.99	4.07	2.6	2.8		
			14:41	8.9	7.9	29.96		8.80		21.30		112.10		7.54		4.14		2.9			
			9:25	8.6	7.6	29.56	29.57	9.01	9.20	23.49	23.51	122.50	122.25	8.20	8.21	4.88	4.87	4.5	4.7		
			9:26	8.6	7.6	29.58		9.39		23.52		122.00		8.22		4.86		4.8			
			9:31	9.6	8.6	29.13	29.04	8.84	8.77	26.23	26.67	120.50	119.20	7.98	7.90	2.62	2.46	2.3	2.4		
			9:32	9.6	8.6	28.94		8.70		27.11		117.90		7.81		2.30		2.4			
		9:28	9.7	8.7	29.31	29.28	9.24	9.22	24.82	25.03	96.00	96.40	6.41	6.43	3.14	3.12	4.3	4.4			
		9:29	9.7	8.7	29.25		9.20		25.24		96.80		6.45		3.09		4.5				
		9:29	9.2	8.2	29.25	29.25	9.39	9.40	25.20	25.39	131.20	118.35	8.75	7.88	6.01	4.60	3.6	3.8			
		9:30	9.2	8.2	29.25		9.40		25.58		105.50		7.01		3.19		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 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	2/7/2022	T8																			
	4/7/2022	Strong Monsoon Signal																			
	6/7/2022	Sunny	9:48	8.7	7.7	27.27	27.49	8.22	8.65	26.35	26.58	137.00	135.75	9.32	9.22	9.94	10.27	7.8	8.0		
			9:49	8.7	7.7	27.71		9.07		26.81		134.50		9.11		10.60		8.2			
			10:03	8.9	7.9	28.74	28.70	8.98	8.99	17.87	18.13	142.00	139.50	9.94	9.76	5.33	5.15	5.8	5.6		
			10:04	8.9	7.9	28.66		8.99		18.38		137.00		9.57		4.97		5.4			
			13:23	8.0	7.0	29.28	29.14	9.37	9.22	17.53	17.64	113.80	113.45	7.90	7.88	5.47	4.99	4.2	4.1		
			13:24	8.0	7.0	29.00		9.07		17.74		113.10		7.86		4.51		3.9			
			13:22	8.4	7.4	30.11	30.07	9.59	9.54	15.35	15.45	114.20	113.95	7.92	7.91	3.30	3.15	1.8	1.8		
			13:23	8.4	7.4	30.02		9.49		15.55		113.70		7.89		2.99		1.7			
			9:30	9.6	8.6	29.02	29.03	9.19	9.18	21.80	21.92	139.10	138.05	9.48	9.40	5.57	5.47	1.8	1.8		
			9:31	9.6	8.6	29.03		9.17		22.04		137.00		9.32		5.36		1.7			
			9:40	9.3	8.3	29.13	29.13	9.00	9.06	22.18	22.20	141.60	137.65	9.61	9.34	4.94	4.82	4.5	4.6		
			9:41	9.3	8.3	29.12		9.12		22.21		133.70		9.07		4.70		4.7			
			11:27	8.6	7.6	30.15	30.10	9.10	9.06	20.22	20.19	128.80	127.70	8.69	8.63	3.69	3.45	2.3	2.2		
			11:28	8.6	7.6	30.05		9.01		20.16		126.60		8.56		3.21		2.1			
			13:21	8.4	7.4	30.92	30.88	9.44	9.42	19.77	19.97	114.80	114.25	7.67	7.63	5.18	4.93	1.3	1.4		
			13:22	8.4	7.4	30.83		9.39		20.16		113.70		7.59		4.67		1.5			
			13:31	9.0	8.0	31.62	31.59	9.19	9.15	19.93	20.06	110.80	112.10	7.32	7.40	4.00	3.78	1.4	1.5		
			13:32	9.0	8.0	31.56		9.11		20.19		113.40		7.48		3.55		1.6			
		13:18	8.4	7.4	30.56	30.53	9.20	9.17	20.06	20.26	112.10	106.90	7.52	7.17	4.47	4.15	4.0	4.0			
		13:19	8.4	7.4	30.49		9.14		20.46		101.70		6.82		3.82		3.9				
		13:20	8.6	7.6	29.85	29.83	9.07	9.06	25.29	25.14	114.10	111.90	7.53	7.38	5.97	4.92	3.4	3.3			
		13:21	8.6	7.6	29.80		9.04		24.98		109.70		7.22		3.87		3.1				

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 (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	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	2.1	2.3	
			9:17	3.7	2.7	29.50		9.27		26.35		99.03		6.53		4.76					
	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	3.8	4.0	
			10:29	3.7	2.7	27.92		9.69		25.79		102.90		6.98		6.80					
	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	3.1	3.0	
			9:15	3.3	2.3	28.23		9.39		25.84		90.70		6.13		5.00					
	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	10.0	9.8	
			9:47	2.8	1.8	26.80		8.24		29.28		73.10		4.88		16.08					
	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	3.2	3.0	
			9:39	4.0	3.0	27.50		8.07		30.13		85.90		9.97		4.95					
	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	1.0	
			12:49	4.2	3.2	28.60		8.19		29.21		95.00		6.35		2.40					
	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	3.5	3.9	
			12:58	3.7	2.7	29.40		8.49		28.90		114.90		7.49		1.49					
	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	3.9	
			12:57	3.5	2.5	29.20		8.46		29.09		117.60		7.42		1.63					
	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	5.4	5.6	
			9:06	3.4	2.4	29.30		8.23		28.41		111.20		7.55		6.01					
	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	2.9	2.8	
			9:03	3.7	2.7	30.90		8.35		27.40		111.50		7.31		2.73					
	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	14.4	14.7	
			9:08	3.8	2.8	28.20		7.95		30.12		90.50		6.17		16.36					
	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	4.3	4.4	
			9:51	3.6	2.6	29.00		8.16		29.88		99.50		6.75		4.42					
	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		8.34		29.85		110.00		7.19		3.36					

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	
						-														
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	3.1	3.0
			12:55	4.0	3.0	29.83		9.29		26.36		107.30		7.03		6.11				
	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	3.1	3.3
			12:55	3.8	2.8	28.34		9.79		25.70		95.10		6.42		4.61				
	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	2.7
			12:54	3.4	2.4	28.37		9.14		24.15		91.30		6.21		4.08				
	9/8/2022	T3	Sampling was cancelled due to adverse weather																	
	11/8/2022	Rainy	12:54	3.6	2.6	28.80	26.80	8.27	8.27	28.77	29.55	75.10	76.45	8.18	6.77	15.59	15.60	10.9	10.5	10.7
	12:55	3.6	2.6	28.80	8.27	29.32		77.80		5.36		15.60								
	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	3.0	3.2
			12:49	3.8	2.8	27.50		8.17		30.20		89.50		6.11		4.96				
	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	2.1	2.2
			9:06	3.9	2.9	28.80		7.99		28.95		92.50		6.22		1.75				
	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	2.6	2.8
			9:10	3.4	2.4	28.37		8.17		28.96		105.20		7.09		1.49				
	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	2.6	2.7
			9:17	3.3	2.3	29.40		8.32		29.09		119.30		7.84		1.07				
	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	14.6	14.8
			12:56	3.2	2.2	30.00		8.41		28.50		111.20		7.22		6.29				
	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	9.7
			12:58	3.6	2.6	28.20		8.09		30.26		88.70		6.21		15.58				
	29/8/2022	Sunny	9:01	3.6	2.6	28.70	28.70	7.97	7.88	29.90	29.89	98.00	96.45	6.72	6.66	5.22	5.22	4.0	3.8	3.9
			9:02	3.6	2.6	28.70		7.88		29.87		94.90		6.59		5.21				

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
						Sampling was cancelled due to adverse weather															
SR5	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	5.27	1.8	1.7		
			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	Sampling was cancelled due to adverse weather																		
	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			
	19/8/2022	Cloudy	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		
			12:45	4.5	1.0	29.80		8.48		28.87		113.30		7.43		0.49		3.8			
	22/8/2022	Sunny	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		
						Sampling was cancelled due to adverse weather															
SR5	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	7.04	6.39	6.09	3.2	3.0		
			12:44	4.9	1.0	30.36		9.30		26.07		103.20		6.72		5.78		2.5			
	4/8/2022	Rainy	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		
			12:43	4.7	1.0	28.28		9.92		26.10		113.00		7.61		5.43		2.8			
	6/8/2022	Cloudy	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	Sampling was cancelled due to adverse weather																		
	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	Sampling was cancelled due to adverse weather																		
	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 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
						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 9.29 27.12 113.30 7.47 4.20 1.7 4/8/2022 Rainy 11:25 8.7 4.4 28.27 28.27 9.73 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 9.65 26.30 26.30 90.80 6.11 4.49 2.5 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 9.33 23.99 93.90 6.40 3.97 3.0 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 8.27 29.31 29.31 77.50 5.41 16.25 11.3 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 8.15 30.12 88.20 6.00 4.11 3.4 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 8.16 29.21 99.20 6.78 2.62 2.5 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 8.39 28.89 109.50 7.25 1.63 3.1 12:05 8.7 4.4 29.30 8.46 28.88 110.80 7.34 0.93 3.4 12:06 8.7 4.4 29.20 8.47 28.84 110.00 7.27 0.93 3.1 19/8/2022 Cloudy 10:05 8.6 4.3 29.80 29.85 8.41 8.41 29.01 29.01 111.20 112.05 7.39 7.41 3.24 3.12 4.2 4.2 10:06 8.6 4.3 29.90 8.41 28.98 112.90 7.42 3.00 4.1 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 8.49 27.90 119.50 7.83 2.31 3.0 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 8.09 30.46 89.90 6.62 18.70 20.2 29/8/2022 Sunny 12:05 8.9 4.5 29.20 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 8.17 29.61 105.50 7.14 4.31 3.7 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 8.18 29.65 109.80 7.22 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
						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 9.47 27.31 113.40 7.41 5.21 2.2 4/8/2022 Rainy 12:05 8.8 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 9.71 27.28 109.60 7.34 4.39 2.3 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 9.19 26.36 96.60 6.52 4.97 1.2 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 8.21 28.91 78.00 5.46 16.23 15.0 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 8.15 30.39 83.30 5.93 7.60 4.4 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 8.16 29.04 92.40 6.28 1.20 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 8.40 28.96 107.70 7.18 1.18 3.0 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 19/8/2022 Cloudy 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 3.6 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 8.33 29.00 104.30 7.08 5.95 4.9 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 8.09 30.42 95.50 6.77 13.25 11.2 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 8.16 29.61 101.20 6.82 3.61 3.0													

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 (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	25.61	119.10	7.89	4.76	2.2								
	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	2.4	2.3		
			10:11	8.6	4.3	27.81		9.52	25.97	127.30	8.65	4.78	2.2								
	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	133.50	8.98	3.75	2.6								
	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	83.70	5.48	21.94	14.6								
	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	86.60	6.26	9.17	6.8								
	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	95.30	6.43	1.77	3.4								
	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	28.90		8.47	28.87	113.60	7.50	1.90	3.5								
	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	115.30	7.52	2.20	3.8								
	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	104.50	7.15	3.74	4.3								
	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	110.80	7.42	2.22	2.4								
	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	84.10	6.11	25.77	19.2								
	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	6.81	4.36	3.3								
	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	7.05	3.45	-									

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	112.90	7.45	5.42	3.2						
	4/8/2022	Rainy	13:19	8.9	4.4	28.53	28.52	9.85	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	102.60	6.91	4.59	2.5						
	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	99.20	6.77	3.56	2.1						
	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	76.00	5.19	16.26	11.4						
	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	90.30	6.10	5.00	4.2						
	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	85.60	6.03	3.84	2.6						
	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	103.20	6.92	1.17	4.4						
	19/8/2022	Cloudy	8:42	8.6	4.3	29.00	29.05	7.99	8.03	29.02	29.01	113.10	113.15	7.52	7.53	0.63	0.62	2.8	2.9
			8:43	8.6	4.3	29.10		8.06	28.99	113.20	7.53	0.60	3.0						
	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	110.40	7.29	4.95	4.8						
	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	91.80	6.24	11.24	4.9						
	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	92.70	6.34	5.08	3.4						

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.



Lam Environmental Services Limited

Contract No. SD 6/2020
Construction of San Shek Wan Sewage Treatment Works,
Associated Submarine Outfall and Pui O Sewerage Works - ET Services (2021 - 2022)

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	
						°C																
SR6	31/8/2022	Cloudy	12:34	2.7	1.4	30.30		30.30		8.33		29.63		110.05		7.14		2.61		5.4		
			12:35	2.7	1.4	30.30		8.33		29.65		110.05		7.08		2.73		5.2				
	2/9/2022	Sunny	12:34	2.7	1.4	28.80		28.80		8.32		30.16		105.90		6.99		3.18		3.1		
			12:35	2.7	1.4	28.80		8.32		30.20		104.60		7.05		3.17		2.8				
	5/9/2022	Sunny	9:14	2.6	1.3	27.50		27.50		8.05		32.25		102.00		7.06		2.73		3.0		
			9:15	2.6	1.3	27.50		8.06		32.24		101.20		6.87		2.85		3.3				
	7/9/2022	Sunny	11:39	2.5	1.3	28.20		28.20		8.17		32.24		103.30		6.92		7.70		5.3		
			11:40	2.5	1.3	28.20		8.17		32.20		103.20		6.90		7.61		5.3				
	9/9/2022	Sunny	9:56	2.9	1.5	28.80		28.80		8.08		32.55		97.50		6.67		6.71		5.81		
			9:57	2.9	1.5	28.80		8.09		32.50		98.80		6.75		5.57		5.69				
	12/9/2022	Sunny	12:36	2.8	1.4	29.00		29.00		8.10		32.80		101.00		6.67		6.69		4.21		
			12:37	2.8	1.4	29.00		8.10		32.80		101.30		6.70		6.69		4.11				
	14/9/2022	Sunny	12:37	2.7	1.4	29.00		29.00		8.15		32.74		103.00		6.77		6.73		4.95		
			12:38	2.8	1.4	29.00		8.16		32.74		102.10		6.69		4.96		2.6				
	16/9/2022	Rainy	12:36	2.7	1.4	29.50		29.65		8.10		32.96		100.80		6.84		6.57		4.85		
			12:37	2.7	1.4	29.80		8.09		32.94		100.10		6.90		4.86		4.86				
	19/9/2022	Cloudy	9:04	2.5	1.3	29.80		29.75		8.14		32.31		101.80		6.67		3.22		2.6		
			9:05	2.5	1.3	29.70		8.14		32.30		102.85		6.78		6.73		3.25				
	21/9/2022	Cloudy	9:18	2.6	1.3	28.90		28.85		8.09		31.87		97.80		6.43		6.54		2.73		
			9:19	2.6	1.3	28.80		8.09		31.79		31.83		98.40		6.64		6.54				
	23/9/2022	Cloudy	9:25	2.7	1.4	28.70		28.70		8.03		32.57		96.10		6.39		6.34		4.46		
			9:26	2.7	1.4	28.70		8.05		32.57		93.10		6.28		4.37		4.42				
	26/9/2022	Sunny	9:27	2.7	1.4	29.00		29.00		7.96		32.90		95.50		6.28		6.30		6.54		
			9:28	2.7	1.4	29.00		7.97		32.92		96.30		6.35		6.77		5.8				
	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.



Lam Environmental Services Limited

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	
						°C																
SR6	31/8/2022	Cloudy	9:26	2.5	1.3	29.40		29.45		8.12		29.69		106.40		6.99		7.01		2.57		
			9:27	2.5	1.3	29.50		8.15		8.14		29.69		107.00		7.02		2.68		4.1		
	2/9/2022	Sunny	10:08	2.5	1.3	28.20		28.15		8.24		29.99		102.70		6.91		6.99		5.27		
			10:09	2.5	1.3	28.10		8.24		29.98		104.60		103.65		7.06		6.99		5.44		
	5/9/2022	Sunny	9:14	2.6	1.3	27.50		27.50		8.05		32.25		102.00		7.06		6.97		2.73		
			9:15	2.6	1.3	27.50		8.06		32.24		101.20		6.87		6.97		2.85				
	7/9/2022	Sunny	13:17	2.4	1.2	28.10		28.10		8.20		32.24		106.30		103.75		7.06		6.90		
			13:18	2.4	1.2	28.10		8.22		32.26		101.20		6.73		6.90		7.70				
	9/9/2022	Sunny	12:36	2.7	1.4	28.50		28.50		8.22		32.47		97.40		97.10		6.45		6.47		
			12:37	2.7	1.4	28.50		8.22		32.46		98.80		6.49		5.60		5.59				
	12/9/2022	Sunny	9:45	2.6	1.3	29.20		29.20		7.94		32.76		96.90		97.60		6.43		6.48		
			9:46	2.6	1.3	29.20		7.95		32.76		98.30		97.60		6.53		6.48				
	14/9/2022	Sunny	9:38	2.6	1.3	28.70		28.70		8.01		32.71		104.00		103.55		6.94		6.91		
			9:39	2.6	1.3	28.70		8.01		32.70		103.10		6.87		6.81		4.85				
	16/9/2022	Rainy	9:07	2.5	1.3	29.50		29.50		8.04		32.70		104.20		103.70		6.84		6.81		
			9:08	2.5	1.3	29.50		8.05		32.70		103.20		6.78		3.22		3.30				
	19/9/2022	Cloudy	12:36	2.3	1.2	30.00		30.00		8.23		32.21		105.70		105.80		6.93		6.90		
			12:37	2.3	1.2	30.00		8.23		32.22		105.90		6.87		6.87		1.71				
	21/9/2022	Cloudy	12:36	2.4	1.2	28.50		28.45		8.19		31.83		99.90		100.40		6.65		6.68		
			12:37	2.4	1.2	28.40		8.19		31.84		100.90		6.70		6.68		4.04				
	23/9/2022	Cloudy	12:37	2.4	1.2	29.10		29.15		8.13		32.53		94.40		95.10		6.20		6.25		
			12:38	2.4	1.2	29.20		8.15		32.59		95.80		6.30		6.25		5.27				
	26/9/2022	Sunny	12:38	2.6	1.3	28.60		28.60		8.09		32.88		100.20		99.65		6.63		6.58		
			12:39	2.6	1.3	28.60		8.11		32.90		99.10		6.52		7.34		7.30				
	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		32.57		88.20		88.25		6.19		6.13		
			9:11	2.5	1.3	27.20		7.80		32.57		88.30		88.25		6.07		6.13				

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		111.90		7.18		2.48		4.8			
			12:23	0.0	1.0	30.10		8.29		29.66		111.00		7.20		2.47		4.5			
	2/9/2022	Sunny	12:22	4.4	1.0	28.90		8.25		30.17		106.60		7.10		3.46		5.7			
			12:23	4.4	1.0	29.00		8.28		30.19		108.60		7.14		3.34		5.4			
	5/9/2022	Sunny	9:30	3.9	1.0	27.90		8.01		32.18		104.50		7.01		4.00		2.8			
			9:31	3.9	1.0	27.90		8.04		32.18		104.10		6.98		3.79		2.6			
	7/9/2022	Sunny	11:50	3.8	1.0	28.60		8.14		32.31		105.20		6.97		7.49		8.8			
			11:51	3.8	1.0	28.60		8.17		32.27		101.80		6.80		6.21		7.1			
	9/9/2022	Sunny	10:15	5.0	1.0	29.40		8.10		32.60		100.40		6.60		6.53		4.57			
			10:16	5.0	1.0	29.30		8.12		32.64		99.70		6.45		4.36		4.47			
	12/9/2022	Sunny	12:24	4.3	1.0	29.00		8.06		32.75		104.10		6.90		6.84		4.37			
			12:25	4.3	1.0	29.10		8.09		32.82		101.90		6.77		4.31		4.34			
	14/9/2022	Sunny	12:35	4.3	1.0	29.10		8.07		32.63		104.80		6.88		6.89		5.22			
			12:36	5.0	1.0	29.20		8.13		32.71		105.90		6.90		6.89		5.27			
	16/9/2022	Rainy	12:25	4.3	1.0	29.60		8.08		32.71		107.20		6.92		6.97		3.81			
			12:26	4.3	1.0	29.70		8.10		32.73		109.00		7.01		6.97		3.61			
	19/9/2022	Cloudy	9:18	4.0	1.0	29.40		8.10		32.17		106.10		6.91		6.87		2.12			
			9:19	4.0	1.0	29.40		8.12		32.17		103.00		6.83		6.87		2.05			
	21/9/2022	Cloudy	9:28	4.2	1.0	29.00		8.07		31.65		106.20		6.96		6.89		4.28			
			9:29	4.2	1.0	28.90		8.11		31.65		102.20		6.81		6.89		4.13			
	23/9/2022	Cloudy	9:35	4.6	1.0	28.70		8.03		32.53		97.50		6.44		6.41		4.73			
			9:36	4.6	1.0	27.80		8.09		32.53		97.20		6.38		6.41		4.62			
	26/9/2022	Sunny	9:45	4.9	1.0	29.30		7.96		33.02		100.90		6.52		6.48		6.22			
			9:46	4.9	1.0	29.20		8.00		33.01		99.40		6.44		6.48		6.08			
	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		8.14		29.60		108.80		7.09		3.44		3.8			
			9:39	4.6	1.0	29.90		8.18		29.58		105.50		6.89		6.99		3.37			
	2/9/2022	Sunny	9:21	4.1	1.0	27.40		8.05		31.60		85.75		6.05		6.07		9.44			
			9:22	4.1	1.0	27.20		8.02		31.67		84.30		6.09		6.07		9.74			
	5/9/2022	Sunny	9:30	3.9	1.0	27.90		8.01		32.18		104.30		7.01		7.00		4.00			
			9:31	3.9	1.0	27.90		8.04		32.18		104.10		6.98		6.89		3.79			
	7/9/2022	Sunny	12:53	3.6	1.0	28.40		8.23		32.26		103.20		6.79		6.85		5.21			
			12:54	3.6	1.0	28.50		8.23		32.36		103.70		6.90		6.85		5.09			
	9/9/2022	Sunny	12:15	4.7	1.0	28.40		8.16		32.43		98.90		6.49		6.53		4.42			
			12:16	4.7	1.0	28.50		8.19		32.43		99.80		6.56		6.53		4.59			
	12/9/2022	Sunny	9:59	4.1	1.0	29.20		7.93		32.90		102.00		6.75		6.63		6.87			
			10:00	4.1	1.0	29.00		7.95		32.84		99.10		6.51		6.63		6.86			
	14/9/2022	Sunny	9:45	4.7	1.0	29.20		7.95		32.75		102.10		6.77		6.81		5.68			
			9:46	4.7	1.0	29.20		7.98		32.75		103.70		6.85		6.81		5.55			
	16/9/2022	Rainy	9:23	4.1	1.0	29.00		7.88		32.84		83.70		6.28		6.31		9.33			
			9:24	4.1	1.0	29.00		7.89		32.78		84.70		6.33		6.31		9.26			
	19/9/2022	Cloudy	12:25	3.8	1.0	29.80		8.32		32.15		104.30		6.76		6.80		1.50			
			12:26	3.8	1.0	30.00		8.21		32.14		105.10		6.84		6.80		1.49			
	21/9/2022	Cloudy	12:24	3.9	1.0	28.10		8.24		31.57		103.20		6.84		6.72		4.01			
			12:25	3.9	1.0	28.00		8.22		31.63		99.50		6.60		6.72		3.93			
	23/9/2022	Cloudy	12:25	4.2	1.0	28.40		8.20		32.61		97.30		6.42		6.47		4.33			
			12:26	4.2	1.0	28.30		8.20		32.56		97.60		6.51		6.47		4.24			
	26/9/2022	Sunny	12:27	4.9	1.0	28.40		8.13		33.97		94.80		6.32		6.37		6.72			
			12:28	4.9	1.0	28.40		8.14		32.99		97.70		6.42		6.37		6.65			
	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		7.77		32.50		92.10		6.37		6.28		14.50			
			9:21	4.6	1.0	27.40		7.80		32.53		91.80		6.19		6.28		14.48			

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		pH		Salinity		DO Saturation		DO		Turbidity		SS	
						°C		-		ppt		%		mg/L		NTU		mg/L	
						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	7.03	7.07	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	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	6.80	6.87	3.91	3.76	4.9	5.0	
			12:18	2.6	1.3	27.80	27.80	8.24	8.24	29.90	29.90	102.30	6.94	6.87	3.61	3.61	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	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	6.69	6.80	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	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	6.69	6.80	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	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	6.75	6.75	3.29	3.08	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	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	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	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	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	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	6.47	6.40	4.61	4.61	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	6.84	6.79	1.49	3.00	1.6	1.6	
			9:28	2.5	1.3	28.80	28.85	8.15	8.14	32.54	32.51	102.00	6.73	6.79	4.50	4.50	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	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	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	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	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	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	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		pH		Salinity		DO Saturation		DO		Turbidity		SS	
						°C		-		ppt		%		mg/L		NTU		mg/L	
						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	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	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	7.09	7.04	4.61	4.67	5.6	5.7	
			9:34	2.4	1.2	27.70	27.70	8.20	8.19	29.93	29.95	102.70	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	6.88	6.79	2.48	2.34	4.5	4.7	
			9:47	2.6	1.3	27.90	27.90	8.12	8.12	32.13	32.14	100.40	6.69	6.79	2.20	2.20	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	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	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	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	6.33	6.41	3.60	3.60	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	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	6.44	6.41	5.07	5.07	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	6.76	6.73	5.57	5.58	5.8	5.6	
			9:53	2.5	1.3	28.90	28.90	8.04	8.04	32.82	32.90	101.30	6.69	6.73	5.59	5.59	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	6.36	6.34	4.37	4.34	1.1	1.3	
			9:39	2.4	1.2	29.00	29.00	8.00	8.00	32.74	32.74	94.00	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	6.83	6.85	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	6.47	6.85	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	6.22	6.18	10.74	10.18	11.7	11.5	
			12:21	2.6	1.3	28.00	28.00	8.07	8.07	31.63	31.63	91.60	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	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	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	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	6.48	6.50	6.01	6.01	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	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	6.28	6.23	11.53	11.60	6.7	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 SR12 (Middle) - Ebb Tide

Table with columns: Station Reference, Sampling Date, Weather, Sampling Time, Water Depth, Sampling Depth, Temperature (°C), pH, Salinity (ppt), DO Saturation (%), DO (mg/L), Turbidity (NTU), SS (mg/L). Rows include dates from 31/8/2022 to 30/9/2022 with various weather conditions and water quality readings.

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

Table with columns: Station Reference, Sampling Date, Weather, Sampling Time, Water Depth, Sampling Depth, Temperature (°C), pH, Salinity (ppt), DO Saturation (%), DO (mg/L), Turbidity (NTU), SS (mg/L). Rows include dates from 31/8/2022 to 30/9/2022 with various weather conditions and water quality readings.

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
						CF	31/8/2022	Cloudy	13:19	9.0	4.5	29.20	8.25	8.25	30.23	107.50	106.80	7.10	7.08
			13:20	9.0	4.5	29.30	8.25	8.25	30.17	106.10	106.80	7.05	7.05	3.45	3.56	5.0	5.0		
	2/9/2022	Sunny	13:19	8.8	4.4	28.60	8.29	8.28	30.65	102.80	102.00	6.90	6.86	5.51	5.42	3.8	3.6		
			13:20	8.8	4.4	28.60	8.29	8.27	30.70	101.20	102.00	6.81	6.86	5.33	5.42	3.4	3.6		
	5/9/2022	Sunny	8:29	8.7	4.4	27.60	7.59	7.62	32.06	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	7.62	32.08	102.10	102.10	6.93	6.87	3.17	3.10	4.6	4.4		
	7/9/2022	Sunny	8:46	8.2	4.1	27.80	7.69	7.72	32.22	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	32.23	109.10	108.00	7.20	7.17	2.19	2.27	2.4	2.7		
	9/9/2022	Sunny	8:35	9.6	4.8	28.30	7.64	7.66	32.83	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	7.66	32.78	96.30	95.70	6.42	6.48	7.67	7.69	7.0	7.2		
	12/9/2022	Sunny	13:19	9.2	4.6	29.00	8.07	8.07	32.96	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	32.98	96.40	97.00	6.30	6.34	6.74	6.73	7.4	7.3		
	14/9/2022	Sunny	13:21	9.1	4.6	27.10	8.15	8.15	32.79	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	32.77	102.40	102.10	6.66	6.72	5.68	5.63	4.0	4.3		
	16/9/2022	Rainy	13:20	8.5	4.3	29.50	8.21	8.21	32.74	105.40	105.70	6.93	6.88	7.03	6.94	5.4	5.2		
			13:21	8.5	4.3	29.50	8.21	8.21	32.72	106.00	105.70	6.93	6.88	6.85	6.94	5.0	5.0		
	19/9/2022	Cloudy	8:15	8.6	4.3	29.10	7.24	7.32	30.96	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	30.91	104.70	105.20	6.90	6.96	1.35	1.35	3.0	3.2		
	21/9/2022	Cloudy	8:26	9.4	4.7	28.30	7.43	7.48	31.70	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	7.48	31.71	99.14	100.12	6.64	6.72	2.33	2.53	4.3	4.1		
	23/9/2022	Cloudy	8:35	8.5	4.3	28.60	7.61	7.68	32.82	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	7.68	32.74	95.90	97.40	6.38	6.50	5.13	5.16	3.4	3.3		
	26/9/2022	Sunny	9:45	9.1	4.6	28.30	7.24	7.28	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	32.96	91.90	91.95	6.28	6.33	8.66	8.78	9.6	9.8		
	28/9/2022	Strong Monsoon Signal Strong	WQM was cancelled due to adverse weather																
	30/9/2022	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
						CF	31/8/2022	Cloudy	8:32	8.9	4.5	28.40	7.58	7.59	30.97	91.20	89.35	6.56	6.76
			8:33	8.9	4.5	28.40	7.60	7.60	30.97	91.20	89.35	6.56	6.76	5.81	5.85	8.4	8.4		
	2/9/2022	Sunny	8:09	8.6	4.3	28.40	8.01	8.01	30.45	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	30.54	99.80	99.70	6.55	6.74	3.28	3.35	3.9	3.8		
	5/9/2022	Sunny	8:30	8.7	4.4	27.60	7.59	7.62	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	7.62	32.08	102.10	102.10	6.93	6.87	3.17	3.10	5.2	5.4		
	7/9/2022	Sunny	14:00	8.9	4.5	28.10	8.25	8.26	32.40	101.70	104.00	6.77	6.82	8.45	8.51	4.6	5.1		
			14:01	8.9	4.5	258.00	8.26	8.26	32.48	12.90	57.30	6.86	6.82	8.56	8.51	5.5	5.1		
	9/9/2022	Sunny	13:19	8.9	4.5	28.20	8.25	8.26	32.73	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	32.74	99.10	100.15	6.53	6.63	4.25	4.32	3.2	3.4		
	12/9/2022	Sunny	9:09	8.6	4.3	28.50	7.41	7.43	32.33	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	7.43	32.75	93.60	94.45	6.45	6.40	8.55	8.61	10.8	10.5		
	14/9/2022	Sunny	8:34	8.7	4.4	27.40	7.44	7.36	32.75	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	7.36	32.80	90.70	92.35	6.35	6.55	7.71	7.81	6.2	6.3		
	16/9/2022	Rainy	8:22	8.2	4.1	29.20	7.50	7.53	32.77	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	32.78	103.30	104.00	6.79	6.88	4.98	5.08	3.9	3.6		
	19/9/2022	Cloudy	13:21	8.2	4.1	29.70	8.27	8.28	30.81	103.50	102.25	6.29	6.48	1.53	1.64	2.4	2.3		
			13:22	8.2	4.1	29.70	8.28	8.28	30.83	101.00	102.25	6.66	6.48	1.65	1.64	2.1	2.3		
	21/9/2022	Cloudy	13:19	9.0	4.5	28.80	8.29	8.29	31.87	100.20	99.35	6.75	6.70	4.04	3.82	5.6	5.4		
			13:20	9.0	4.5	28.70	8.29	8.29	31.90	98.50	99.35	6.65	6.70	3.59	3.82	5.2	5.4		
	23/9/2022	Cloudy	13:18	8.6	4.3	28.80	8.19	8.19	32.85	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	32.83	93.00	94.70	6.28	6.38	5.69	5.75	5.1	5.3		
	26/9/2022	Sunny	13:18	8.7	4.4	28.60	8.11	8.11	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	8.11	33.00	94.60	95.40	6.24	6.33	7.14	7.16	8.6	8.4		
	28/9/2022	Strong Monsoon Signal Strong	WQM was cancelled due to adverse weather																
	30/9/2022	Monsoon Signal	8:20	8.6	4.3	27.20	7.20	7.35	32.63	90.00	90.95	6.33	6.31	9.13	9.06	7.8	7.6		
			8:21	8.6	4.3	27.20	7.20	7.40	32.64	91.90	90.95	6.29	6.31	8.99	8.99	7.4	7.6		

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 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	3/10/2022	Sunny	8:43	3.2	1.0	28.10		7.64	7.66	32.75	32.75	91.70	91.40	6.22	6.20
			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			
	14/10/2022	Fine	12:53	4.2	1.0	26.50	26.50	8.04	8.05	33.84	33.84	93.30	92.35	6.32	6.29	11.24	11.22	9.3	9.6		
			12:54	4.2	1.0	26.50		8.05		33.83		91.40		6.25		11.20		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	8:44	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			
			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			
	24/10/2022	Sunny	10:55	4.0	1.0	25.79	25.77	25.79	25.77	32.90	32.92	84.90	83.65	6.40	6.24	13.10	13.15	14.7	14.7		
			10:56	4.0	1.0	25.75		25.75		32.94		82.40		6.08		13.20		14.5			
	28/10/2022	Cloudy	12:55	3.9	1.0	25.79	25.78	7.83	7.91	33.04	33.07	82.20	82.65	6.23	6.30	7.18	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
						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
			12:53	3.3	1.0	28.50		7.91		32.69		88.10		6.06		7.64		6.0	
	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		98.00		6.32		7.13		5.5	
	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		95.00		6.22		14.61		14.5	
	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		88.60		6.13		13.30		15.5	
	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		89.40		6.29		16.14		14.3	
	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	12:56	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		81.00		6.17		8.48		8.6	
			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		83.00		6.20		8.27		8.5	
	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		82.10		6.37		8.38		9.1	
	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		6.25		7.68		7.6	

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 SR4 (Bottom) - Ebb Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature		pH		Salinity		DO Saturation		DO		Turbidity		SS		
						°C		-		ppt		%		mg/L		NTU		mg/L		
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value
SR4	3/10/2022	Sunny	8:45	3.2	2.2	28.10	28.05	7.88	7.69	32.75	32.75	90.80	90.75	6.18	6.18	7.93	7.84	4.4	4.4	
			8:46	3.2	2.2	28.00		7.70	32.74	90.70	6.15	6.15	7.75	7.81	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	96.50	6.36	6.33	7.81	7.79	8.0	8.2	
			8:49	3.5	2.5	29.00		7.86	32.96	96.30	6.30	6.30	7.77	7.77	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	91.05	6.09	6.08	11.24	11.24	11.5	11.5	
			8:52	3.8	2.8	28.50		7.90	33.15	91.00	6.07	6.07	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	33.66	90.60	90.25	6.21	6.23	10.82	10.72	11.0	5.8	
			12:56	3.8	2.8	25.90		7.98	33.69	89.90	6.25	6.25	10.62	10.62	0.6	0.6				
	14/10/2022	Fine	12:56	4.2	3.2	26.50	26.45	8.05	8.05	33.83	33.83	90.70	90.35	6.28	6.26	12.33	12.32	10.4	10.7	
			12:57	4.2	3.2	26.40		8.05	33.83	90.00	6.24	6.24	12.30	12.30	10.9	10.9				
	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	8:46	3.6	2.6	25.98	26.01	8.64	8.63	32.26	32.21	86.70	83.50	6.22	6.19	11.60	11.85	8.6	8.5	
			8:47	3.6	2.6	26.04		8.62	32.15	80.30	6.15	6.15	12.10	11.85	8.3	8.3				
	24/10/2022	Sunny	10:44	3.8	2.8	25.73	25.71	7.87	7.85	32.46	32.71	85.90	86.75	6.18	6.21	8.12	8.13	9.4	9.2	
			10:45	3.8	2.8	25.69		7.82	32.95	87.60	6.24	6.24	8.14	8.14	12.0	12.0				
	26/10/2022	Fine	10:58	4.0	3.0	25.74	25.69	25.74	25.69	33.35	33.14	84.80	82.70	6.13	6.22	13.30	12.95	9.0	12.0	
			10:59	4.0	3.0	25.63		25.63	32.92	80.60	6.31	6.31	12.60	12.60	11.8	11.8				
	28/10/2022	Cloudy	12:57	3.9	2.9	25.72	25.70	8.67	8.51	32.93	32.97	81.30	82.20	6.20	6.25	6.37	6.27	7.6	7.4	
			12:58	3.9	2.9	25.67		8.35	33.00	83.10	6.30	6.30	6.16	6.16	7.2	7.2				

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 (Bottom) - Flood Tide

Station Reference	Sampling Date	Weather	Sampling Time	Water Depth m	Sampling Depth m	Temperature		pH		Salinity		DO Saturation		DO		Turbidity		SS		
						°C		-		ppt		%		mg/L		NTU		mg/L		
						Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value	AVG	Value
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	86.95	6.09	6.09	7.86	7.86	8.4	8.2	
			12:55	3.3	2.3	28.40		7.90	32.65	87.00	6.09	6.09	7.85	7.86	8.0	8.0				
	5/10/2022	Cloudy	12:52	3.2	2.2	29.10	29.10	8.18	8.19	32.86	32.86	100.30	99.50	6.44	6.39	6.98	6.89	6.6	6.4	
			12:53	3.2	2.2	29.10		8.19	32.86	98.70	6.34	6.34	6.79	6.79	6.1	6.1				
	7/10/2022	Rainy	12:53	3.2	2.2	28.60	28.60	8.16	8.16	33.12	33.11	94.40	95.95	6.21	6.28	14.58	14.54	24.3	20.2	
			12:54	3.2	2.2	28.60		8.16	33.09	97.50	6.34	6.34	14.50	14.50	16.0	16.0				
	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	89.15	6.22	6.16	13.70	12.95	13.9	13.7	
			9:23	3.5	2.5	25.41		8.06	33.60	88.20	6.10	6.10	12.20	12.20	13.5	13.5				
	14/10/2022	Fine	8:41	3.2	2.2	26.10	26.05	7.85	7.86	33.66	33.65	90.70	90.55	6.25	6.30	14.50	14.50	12.6	12.4	
			8:42	3.2	2.2	26.00		7.86	33.64	90.40	6.34	6.34	14.50	14.50	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	12:58	3.2	2.2	26.02	26.02	7.95	7.79	33.02	32.86	83.90	82.45	6.40	6.34	8.33	8.37	7.8	7.7	
			12:59	3.2	2.2	26.02		7.63	32.70	81.00	6.28	6.28	8.41	8.41	7.5	7.5				
	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	33.35	79.80	6.10	6.10	7.93	7.93	7.0	7.0				
	26/10/2022	Fine	12:52	3.6	2.6	25.09	25.09	8.92	8.92	33.44	33.42	79.80	80.70	6.19	6.23	8.08	8.06	6.8	6.7	
			12:53	3.6	2.6	25.09		7.97	33.39	81.60	6.26	6.26	8.04	8.04	6.6	6.6				
	28/10/2022	Cloudy	8:31	3.3	2.3	25.09	25.08	8.33	8.21	32.94	32.96	86.30	83.65	6.27	6.25	7.82	7.79	9.3	9.1	
			8:32	3.3	2.3	25.07		8.09	32.97	81.00	6.23	6.23	7.76	7.76	8.9	8.9				

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
						WQM was cancelled due to adverse weather															
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		32.71		87.10		6.38		6.98		3.6			
	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	4.5		
			8:58	3.9	1.0	28.90		7.92		32.85		98.80		6.35		5.47		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		33.11		93.10		6.16		12.07		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		33.75		89.30		6.17		10.49		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		33.79		94.40		6.36		11.97		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	8.67	8.92	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		32.28		81.20		6.17		11.40		9.8			
	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		33.02		80.50		6.28		8.14		7.2			
	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		33.44		81.00		8.05		8.54		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		33.27		83.40		6.22		5.14		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	
						WQM was cancelled due to adverse weather														
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		32.62		91.60		6.26		7.63		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		32.86		105.00		6.74		6.25		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		33.11		96.10		6.24		14.35		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		33.68		87.80		6.02		12.29		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		33.83		91.20		6.28		12.46		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		33.03		84.10		6.14		6.47		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		33.02		79.00		6.07		8.10		6.3		
	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		33.30		82.20		6.24		8.11		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		33.49		83.90		6.23		8.12		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	
SR5	3/10/2022	Sunny	8:58	3.6	2.6	28.40		7.74	7.74	32.77	32.77	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	6.38	6.30	8.30	8.30	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	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	6.25	6.28	5.70	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	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	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	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	6.18	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	6.18	6.21	12.33	12.32	8.3	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	6.21	6.20	8.32	8.27	7.8	7.9				
			8:59	4.1	3.1	25.84	26.43	8.64	8.64	32.19	32.07	82.90	6.19	6.16	8.21	8.13	7.9	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	6.14	6.16	8.15	8.13	7.9	7.8				
			10:53	4.3	3.3	26.46	26.01	7.91	7.99	33.76	33.15	88.50	6.17	6.20	8.10	8.47	7.6	9.0				
	26/10/2022	Fine	11:10	4.4	3.4	25.98	26.01	25.98	26.01	32.99	33.15	81.40	6.39	6.29	8.50	8.47	9.0	9.3				
			11:11	4.4	3.4	26.03	25.88	26.03	26.01	33.31	33.12	81.20	6.19	6.25	8.44	8.44	9.6	9.6				
	28/10/2022	Cloudy	12:46	4.8	3.8	25.91	25.88	8.39	8.26	32.91	33.12	84.10	6.29	6.25	4.94	5.29	5.7	5.9				
			12:47	4.8	3.8	25.84	25.84	8.12	8.26	33.32	33.12	80.40	6.21	6.25	5.63	6.0	6.0	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 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			
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	6.13	6.21	8.07	8.00	5.2	5.4				
			12:46	3.8	2.8	28.20	28.80	7.88	7.88	32.72	32.85	94.10	6.28	6.49	7.92	8.00	5.6	6.5				
	5/10/2022	Cloudy	12:44	3.4	2.4	28.80	28.80	8.16	8.16	32.85	32.85	101.40	6.55	6.49	6.64	6.57	6.8	6.8				
			12:45	3.4	2.4	28.80	28.50	8.16	8.14	32.84	33.15	98.70	6.42	6.29	6.49	6.49	6.8	14.5				
	7/10/2022	Rainy	12:44	4.1	3.1	28.60	28.50	8.13	8.14	33.15	33.16	97.10	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	6.27	6.29	14.63	14.78	15.9	15.9				
	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	5.85	6.05	7.68	7.67	10.7	10.5				
			9:35	4.4	3.4	26.12	26.45	8.08	7.92	33.60	33.85	89.50	6.25	6.12	7.65	13.88	10.3	12.9				
	14/10/2022	Fine	8:56	4.4	3.4	26.50	26.45	7.92	7.92	33.84	33.85	89.41	6.13	6.10	14.50	13.88	13.1	12.7				
	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	12:50	4.0	3.0	25.99	25.94	7.72	7.75	32.51	32.66	84.60	6.32	6.19	8.31	8.31	7.7	7.9				
			12:51	4.0	3.0	25.89	25.75	7.77	7.77	32.81	33.16	80.60	6.05	6.27	8.30	7.74	8.0	7.0				
	24/10/2022	Sunny	14:17	4.5	3.5	25.77	25.75	7.95	7.84	33.28	33.22	82.60	6.36	6.27	7.60	7.74	7.2	7.0				
			14:18	4.5	3.5	25.72	24.99	7.72	7.62	33.16	33.04	80.20	6.17	6.14	7.87	7.62	6.8	7.3				
	26/10/2022	Fine	12:45	4.2	3.2	25.05	24.99	7.61	7.62	33.19	33.04	83.00	6.20	6.14	7.89	7.62	7.5	7.3				
			12:46	4.2	3.2	24.93	25.60	7.62	8.21	32.89	32.97	83.10	6.08	6.30	7.34	7.56	7.1	7.4				
	28/10/2022	Cloudy	8:47	3.9	2.9	25.59	25.60	8.21	8.18	33.16	32.77	84.00	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	32.77	82.00	6.25	6.30	7.66	7.56	7.2	7.2				

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 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	28.90	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	
						WQM was cancelled due to adverse weather																
SR9	3/10/2022	Sunny	9:19	3.4	1.0	28.50	28.55	7.70	7.48	32.86	32.85	89.70	91.45	6.15	6.17	7.12	7.07	3.3	3.2			
			9:20	3.4	1.0	28.60	7.26	32.83	32.85	93.20	6.18	7.01	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	94.05	6.29	6.20	7.12	7.18	6.2	6.4			
			9:23	3.8	1.0	29.00	7.89	32.91	32.92	91.50	6.10	7.24	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	94.95	6.24	6.22	13.25	13.23	11.5	11.2			
			9:26	4.8	1.0	28.40	7.98	33.19	33.17	94.80	6.20	13.20	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	90.25	6.22	6.14	10.74	10.78	9.3	9.5			
			12:26	5.0	1.0	26.20	7.90	33.79	33.69	89.20	6.06	10.82	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	92.75	6.30	6.31	10.47	10.53	8.5	8.3			
			12:25	4.9	1.0	26.60	7.99	33.79	33.79	92.50	6.32	10.58	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	81.70	6.44	6.40	8.26	8.20	8.0	8.2			
			9:26	4.5	1.0	26.25	8.22	32.83	32.58	81.10	6.35	8.13	8.20	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	83.30	6.37	6.34	7.53	7.57	7.4	7.3			
			11:21	4.6	1.0	26.84	8.15	32.81	32.90	84.20	6.30	7.61	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	85.05	6.31	6.26	8.44	8.37	9.7	9.6			
			11:24	4.8	1.0	26.02	7.97	32.97	33.09	85.10	6.21	8.30	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	92.00	6.39	6.34	6.18	6.23	5.8	5.6			
12:22			5.0	1.0	26.18	7.90	33.28	33.34	90.20	6.28	6.28	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			
						WQM was cancelled due to adverse weather																
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	93.90	6.28	6.23	7.68	7.70	5.9	5.7			
			12:29	3.7	1.0	28.60	7.90	32.71	32.67	93.10	6.17	7.71	7.70	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	98.10	6.47	6.41	6.17	6.23	5.7	5.6			
			12:25	3.6	1.0	28.90	8.04	32.86	32.88	97.40	6.35	6.28	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	95.45	6.28	6.26	13.96	13.61	13.9	13.0			
			12:25	4.0	1.0	28.70	8.03	33.12	33.09	95.10	6.23	13.26	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	92.25	6.33	6.31	13.25	13.14	9.7	9.5			
			9:54	3.9	1.0	25.20	7.77	33.91	34.10	91.30	6.28	13.02	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	92.15	6.27	6.25	12.41	12.41	11.4	11.5			
			9:19	4.4	1.0	26.20	7.90	33.81	33.83	92.10	6.22	12.40	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	83.95	6.15	6.14	10.50	10.70	8.0	7.8			
			12:28	4.3	1.0	26.08	8.00	32.65	32.77	83.90	6.12	10.90	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	82.60	6.28	6.27	8.41	8.32	11.3	11.1			
			13:58	4.3	1.0	25.76	7.53	32.92	32.92	82.70	6.26	8.22	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	79.45	6.25	6.23	8.48	8.46	8.3	8.2			
			12:25	4.8	1.0	24.93	7.77	33.05	33.05	78.80	6.20	8.43	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	83.80	6.31	6.24	6.76	6.84	5.5	5.7			
9:10			4.2	1.0	25.61	7.96	33.40	33.40	83.90	6.17	6.91	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	7.7		
	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	7.4		
	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	89.85	6.08	6.10	12.34	12.40	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	93.60	6.28	6.34	13.30	12.82	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	8.52	32.86	32.85	79.40	82.30	6.05	6.13	12.80	12.10	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	8.15	32.12	32.11	81.20	82.05	6.20	6.19	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	8.21	33.34	33.40	80.60	81.20	6.11	6.18	8.17	8.17	9.4	8.7		
	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	33.23	85.20	86.65	6.30	6.26	5.50	5.25	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	6.28	6.19	8.45	8.45	6.3	6.5		
			12:31	3.7	2.7	28.20	28.25	7.90	7.90	32.84	32.84	89.10	92.35	6.12	6.19	8.44	8.45	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	6.8		
	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	27.50	8.06	8.06	33.17	33.17	93.40	93.15	6.18	6.15	15.60	15.59	13.6	13.6		
	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	33.91	90.70	90.25	6.28	6.22	12.54	12.63	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	33.82	89.50	90.30	6.12	6.19	13.21	13.23	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	8.01	32.96	32.88	84.80	84.70	6.21	6.20	8.54	8.60	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	7.48	32.93	32.97	83.90	84.05	6.20	6.23	8.04	8.07	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	7.68	33.43	33.43	83.50	83.60	6.26	6.21	7.76	7.89	6.6	6.5		
	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	8.20	33.46	33.44	83.80	82.10	6.15	6.21	5.79	5.74	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				32.73	32.73	92.50	6.34		7.35	7.34	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		7.33		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		4.73		4.5				
			9:44	2.4	1.2	28.90		7.97	7.97	32.73	32.73	95.60	6.29	6.26	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		7.93		9.8	9.3			
			9:41	2.6	1.3	28.30		8.10	8.10	33.06	33.05	94.10	6.24	6.30	8.03	7.98	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		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	6.21	11.30		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	6.25	12.33		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		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		6.8	6.9			
	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		7.0				
	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		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		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		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		4.0			
	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		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		5.2			
	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		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		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	6.19	12.33		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	6.28	13.98		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		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		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		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		5.2				

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		6.60			
	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
						CE	3/10/2022	Sunny	9:54	8.3	4.2	28.20	28.15	7.88	7.88	32.92	32.93	91.90	91.95
			9:55	8.3	4.2	28.10		7.89		32.93		92.00		6.36		7.47		6.0	
	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	6.38	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	
			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
						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
			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	
			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	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	7.88	7.88	33.02	33.03	98.90	94.25	6.26	6.26	13.25	13.25	8.7	8.7		
	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	6.22	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	7.2		
	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	9.0		
	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	9.4			
	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	12.4		
	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	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	9.4			
	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	12.2			
	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	5.8				

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) - 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	12:08	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	6.2			
	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	42.8	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	20.0			
	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	6.0			
	28/10/2022	Cloudy	9:47	8.2	7.2	25.25	25.21	8.11	8.10	33.31	33.36	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	33.36	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
CF	3/10/2022	Sunny	8:13	8.6	1.0	28.20	28.25	8.84	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		
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
						WQM was cancelled due to adverse weather															
CF	3/10/2022	Sunny	8:17	8.6	4.3	28.30	28.20	7.07	7.16	32.80	32.81	90.50	6.35	6.30	8.86	8.81	2.3	2.3	3.7		
			8:18	8.5	4.3	28.10														7.24	32.82
	5/10/2022	Cloudy	8:16	9.3	4.7	29.00	29.00	7.35	7.38	32.83	32.83	94.75	6.35	6.28	4.25	4.24	5.0	5.5	5.3		
			8:17	9.3	4.7	29.00														7.41	32.82
	7/10/2022	Rainy	8:22	9.5	4.8	28.30	28.25	7.42	7.45	33.44	33.43	93.80	6.17	6.16	7.89	7.92	7.2	7.3	7.3		
			8:23	9.5	4.8	28.20														7.48	33.41
	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	11.5	11.7	
			13:21	9.2	4.6	26.20															7.95
	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	14.2	14.4	
			13:20	9.2	4.6	26.40															8.03
	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	8.6	8.5	
			8:21	9.7	4.9	25.72															8.17
	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	8.7	8.9	
			10:20	9.6	4.8	26.16															8.14
	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	14.7	14.5	
			10:28	9.8	4.9	25.90															25.90
	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	4.9	4.8	
13:18			9.2	4.6	25.71	7.87															33.38

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		
						WQM was cancelled due to adverse weather															
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	8.2	8.3	
			13:21	8.7	4.4	27.90															7.90
	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	9.5	9.7	
			13:19	8.5	4.3	28.30															8.04
	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	13.0	12.7	
			13:19	8.4	4.2	28.20															8.16
	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	10.90	19.8	19.2	19.5	
			8:30	8.9	4.5	25.10															7.29
	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	13.8	13.6	
			8:15	8.5	4.3	26.50															7.40
	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	5.4	5.7	
			13:21	8.8	4.4	25.89															7.81
	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	4.5	4.6	
			14:47	8.8	4.4	26.65															7.73
	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	7.6	7.4	
			13:20	8.6	4.3	23.84															7.82
	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	7.5	7.7	
8:15			8.5	4.3	25.13	7.76															32.87

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 7.1

Implementation Schedule of Recommended Mitigation Measures

Annex A Implementation Schedule of Recommended Mitigation Measures

EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
1. Water Quality							
S 4.9.1	Drilling fluid required for the HDD works shall not be discharged to the sea, and the drill cutting produced shall be separated in the shaker system and divided into coarse and fine particles for on-site reuse, if suitable, or off-site disposal.	Horizontal Directional Drilling during construction	Contractor(s)		✓		✓
S 4.9.1	Silt curtains shall be installed around the pilot hole exit area to prevent the suspension of sediment.	Horizontal Directional Drilling during construction	Contractor(s)		✓		✓
S 4.9.1	Silt curtains shall be deployed during dredging to reduce the elevation of suspended solids to nearby sensitive receivers.	Marine Dredging/ During construction	Contractor(s)		✓		N/A
S 4.9.1	Closed grab dredgers should be used to reduce the potential for leakage of sediments.	Marine Dredging/ During construction	Contractor(s)		✓		N/A
S 4.9.1	Dredged marine sediment will be disposed of in a gazetted marine disposal area in accordance with marine dumping permit conditions of the <i>Dumping at Sea Ordinance</i> (DASO).	Marine Dredging/ During construction	Contractor(s)		✓		N/A
S 4.9.1	Disposal vessels will be fitted with tight bottom seals in order to prevent leakage of material during transport.	Marine Dredging/ During construction	Contractor(s)		✓		N/A
S 4.9.1	Barges will be filled to a level, which ensures that material does not spill over during transport to the disposal site and that adequate freeboard is maintained to ensure that the decks are not washed by wave action.	Marine Dredging/ During construction	Contractor(s)		✓		N/A
S 4.9.1	After dredging, any excess materials will be cleaned from decks and exposed fittings before the vessel is moved from the dredging area.	Marine Dredging/ During construction	Contractor(s)		✓		N/A

EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
S 4.9.1	The contractor(s) will confirm that the works cause no visible foam, oil, grease, litter or other objectionable matter to be present in the water within and adjacent to the dredging site.	Marine Dredging/ During construction	Contractor(s)		✓		N/A
S 4.9.1	If installed, degassing systems will be used to avoid irregular cavitation within the pump.	Marine Dredging/ During construction	Contractor(s)		✓		N/A
S 4.9.1	Monitoring and automation systems will be used to improve the crew's information regarding the various dredging parameters to improve dredging accuracy and efficiency.	Marine Dredging/ During construction	Contractor(s)		✓		N/A
S 4.9.1	Control and monitoring systems will be used to alert the crew to leaks or any other potential risks.	Marine Dredging/ During construction	Contractor(s)		✓		N/A
S 4.9.1	When the dredged material has been unloaded at the disposal areas, any material that has accumulated on the deck or other exposed parts of the vessel will be removed and placed in the hold or a hopper. Under no circumstances will decks be washed clean in a way that permits material to be released overboard.	Marine Dredging/ During construction	Contractor(s)		✓		N/A
S 4.9.1	Dredger will maintain adequate clearance between vessels and the seabed at all states of the tide and reduce operations speed to ensure that excessive turbidity is not generated by turbulence from vessel movement or propeller wash.	Marine Dredging/ During construction	Contractor(s)		✓		N/A
S 4.9.1	Silt removal facilities such as silt traps or sedimentation facilities will be provided to remove silt particles from runoff to meet the requirements of the TM standard under the WPCO. The design of silt removal facilities will be based on the guidelines provided in <i>ProPECC PN 1/94</i> .	Land site & drainage/ During construction	Contractor(s)		✓		✓
S 4.9.1	All drainage facilities and erosion and sediment control structures will be inspected on a regular basis and maintained to confirm proper and efficient operation at all times and particularly during rainstorms.	Land site & drainage/ During construction	Contractor(s)		✓		✓

EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
S 4.9.1	Deposited silt and grit will be removed regularly.	Land site & drainage/ During construction	Contractor(s)		✓		✓
S 4.9.1	Earthworks to form the final surfaces will be followed up with surface protection and drainage works to prevent erosion caused by rainstorms.	Land site/ During construction	Contractor(s)		✓		✓
S 4.9.1	Appropriate surface drainage will be designed and provided where necessary.	Land site/ During construction	Contractor(s)		✓		✓
S 4.9.1	The precautions to be taken at any time of year when rainstorms are likely together with the actions to be taken when a rainstorm is imminent or forecasted and actions to be taken during or after rainstorms are summarised in <i>Appendix A2 of ProPECC PN 1/94</i> .	Land site/ During construction	Contractor(s)		✓		✓
S 4.9.1	Oil interceptors will be provided in the drainage system where necessary and regularly emptied to prevent the release of oil and grease into the storm water drainage system after accidental spillages.	Land site/ During construction	Contractor(s)		✓		✓
S 4.9.1	Temporary and permanent drainage pipes and culverts provided to facilitate runoff discharge, if any, will be adequately designed for the controlled release of storm flows.	Land site/ During construction	Contractor(s)	✓	✓		✓
S 4.9.1	The temporary diverted drainage, if any, will be reinstated to the original condition when the construction work has finished or when the temporary diversion is no longer required.	Land site/ During construction	Contractor(s)		✓		✓
S 4.9.1	Debris and refuse generated on-site will be collected, handled and disposed of properly to avoid entering the nearby WSRs.	All facilities/ During construction	Contractor(s)		✓		✓
S 4.9.1	Stockpiles of cement and other construction materials will be kept covered when not being used.	Land site/ During construction	Contractor(s)		✓		✓
S 4.9.1	Oil leakage or spillage will be contained and clean up immediately. Waste oil will be collected and stored for recycling or disposal, in accordance with the <i>Waste Disposal Ordinance</i> .	All facilities/ During construction	Contractor(s)		✓		p

EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
S4.9.2	Operation of the San Shek Wan STW shall be routinely checked to ensure that the discharge standards of treated effluent are maintained and in compliance with the relevant <i>TM-ICW</i> under the <i>WPCO</i> .	During operation	DSD	✓		✓	N/A
S4.9.2	Standby units, emergency storage units and dual power supply will be provided in the sewage pumping stations and STW to reduce the potential of unplanned events and emergency discharge of untreated sewage.	During operation	DSD	✓		✓	N/A
S4.9.2	For the monitoring of all unmanned sewage pumping stations / manned sewage treatment works, a remote control and monitor system connecting the sewerage plants with the DSD's designated facilities through SCADA system is required.	During operation	DSD	✓		✓	N/A
S4.9.2 and S5.8	An Emergency Response Plan shall be prepared and implemented in the event of emergency discharge of untreated sewage. Relevant government departments including EPD, LCSD and DSD shall be informed by the STW operator as soon as possible of any emergency discharge of untreated sewage. Appropriate actions, e.g. closing of bathing beaches or other water sports activities, shall be outlined in the Emergency Response Plan.	During operation	DSD			✓	N/A
S4.12.1	Regular site inspections will be carried out in order to confirm that regulatory requirements are being met and that contractors are implementing the standard site practice and mitigation measures as proposed to reduce potential impacts to water quality.	During construction	Environmental Team (ET) & Independent Environmental Checker (IEC)		✓		✓
S4.12.1	A water quality monitoring programme shall be implemented for the construction phase.	Designated monitoring stations as defined in EM&A Manual/ During marine construction period	ET		✓		✓

EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
S4.12.2	A water quality monitoring programme is recommended during the initial period upon the full commissioning of the STW to monitor changes in marine water quality and to confirm that there is no deterioration in water quality due to the STW discharge.	During operation	ET/ DSD			✓	N/A
2. Ecology							
S5.8	Erect fences along the boundary of the works area before the commencement of works to prevent vehicle movements and encroachment of personnel onto adjacent areas.	All area/ During construction	Contractor(s)		✓		✓
S5.8	Regularly check the work site boundaries to ensure that they are not breached and that damage does not occur to surrounding areas.	All area/ During construction	Contractor(s)/ ET		✓		✓
S5.8	Avoid any damage and disturbance, particularly those caused by filling and illegal dumping, to the surrounding habitats through proper management of waste disposal.	All area/ During construction	Contractor(s)		✓		✓
S5.8; Annex 5B - Table A2	Reinstate temporarily affected areas, particularly the habitats of plantation and shrubland-grassland immediately after completion of construction works, through on-site tree/shrub planting. The tree/shrub species will be chosen with reference to those in the surrounding area.	All area/ During construction	Contractor(s)		✓		✓
S5.8	A closed grab dredger will be used to dredge down about - 11mPD which is approximately 6m below the current seabed and there will be no excessive dredging.	Marine works area/ During construction	Contractor(s)		✓		N/A
S5.8	Permanent building structures, works and storage areas should be avoided in the habitat of moderate or high ecological value, as well as the proximity of species of conservation interest (e.g. <i>Aquilaria sinensis</i>).	All area/ During construction	Contractor(s)	✓	✓		✓
S5.8	An Emergency Response Plan shall be prepared and implemented to cope with emergency discharge of untreated sewage.	All area/ During operation	DSD			✓	✓

EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
S5.8	Woodland compensation to mitigate for the loss of mixed woodland due to the the construction of the San Shek Wan STW, San Shek Wan SPS (Proposed and Alternative Sites) and their associated roads is recommended to fully compensate the loss of mixed woodland. Establishment and after-establishment caring measures of the compensatory mixed woodland are proposed for this Project. Details for the woodland compensation, including planting species, will be developed in a woodland compensation proposal as part of the EM&A programme.	Land site/ During detailed design stage, construction and operation	DSD/ Contractor(s)/ ET	✓	✓	✓	✓
S5.8	Species proposed for planting are pioneer native tree and shrub species often present in natural woodlands in the Study Area.	Land site/ During detailed design stage, construction and operation	DSD/ Contractor(s)/ ET	✓	✓	✓	✓
S5.8	For the affected individuals of <i>Aquilaria sinensis</i> at San Shek Wan SPS Alternative Site and STW, transplantation plan will be developed, including an EM&A programme for monitoring the transplantation of the tree individuals.	All area/ During construction	Contractor(s)		✓		✓
3. Air Quality							
S7.7.1	Dust control measures stipulated in the <i>Air Pollution Control (Construction Dust) Regulation</i> will be implemented during the construction of the Project to control potential fugitive dust emissions.	Land site/ During Construction	Contractor(s)		✓		✓
S7.7.1	Regular water spraying on exposed area.	Land site/ During Construction, particularly dry season	Contractor(s)		✓		✓
S7.7.1	Vehicle wheel-washing and body washing facilities shall be provided at the site entrance.	Land site/ During Construction	Contractor(s)		✓		✓
S7.7.1	Shielding or covering with impervious sheet of stockpiled materials or exposed area when it is not use to reduce dust nuisance.	Land site/ During Construction	Contractor(s)		✓		✓
S7.7.1	Site practices such as regular maintenance and checking of the diesel-driven PMEs will be adopted to avoid any black smoke emissions and to reduce gaseous emissions.	Land site/ During Construction	Contractor(s)		✓		✓

EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
S7.7.1	To minimize odour problem, the sludge tankers for disposal of sludge shall be fully enclosed.	During operation	Contractor(s)			✓	N/A
S7.7.2	Deodorization units comprising of chemical scrubbers (for STW only) and activated carbon absorbers (for SPS and STW) will be installed in order to reduce 99.5% of odour in the exhaust.	During operation	Contractor(s)	✓		✓	N/A
S7.7.2	Ventilation system will be provided to ensure adequate air change within the plant.	During operation	Contractor(s)	✓		✓	N/A
S7.9.1	Regular site inspections will be carried out in order to confirm that the mitigation and control measures are properly implemented and are working effectively to ensure proper construction dust, gaseous emissions and odour control.	Land site/ During construction	ET/ IEC		✓		✓
S7.9.2	A commissioning test will be performed for the operation phase to ascertain the effectiveness of the odour control measures at the San Shek Wan STW and the proposed sewage pumping stations. Exhaust air flow rate, temperature of exhaust, odour concentrations at the outlet of the deodorizing unit should be monitored during the commissioning test.	During operation	DSD			✓	N/A
S7.9.2	Daily monitoring of odour emission at the exhaust at STW and SPSs shall be conducted in the first three months of the first year of the operation.	During operation	DSD			✓	N/A
S7.9.2	In order to ensure the performance of odour control measures particularly the activated carbon absorber and to facilitate maintenance during operation, two sets of odour removal system (1 for normal operation and 1 for standby) will be installed at the STW and sewage pumping stations such that during maintenance, the exhaust air of the STW and sewage pumping stations will be diverted to the standby odour removal unit and the odour removal efficiency will be maintained to be as similar as that during normal operation.	During operation	DSD			✓	N/A

EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
4. Noise							
S8.8.1	Good construction site practice shall be maintained.	All area/ During construction	Contractor(s)		✓		✓
S8.8.1	Quiet Powered Mechanical Equipment (PME) shall be used.	Noise control/ During construction	Contractor(s)		✓		✓
S8.8.1	Movable noise barriers shall be adopted.	Noise control/ During construction	Contractor(s)		✓		✓
S8.8.1	Noise insulation sheet shall be used for PME.	Noise control/ During construction	Contractor(s)		✓		✓
S8.8.1	Scheduling of PME/construction activities: some construction activities will be operated in sequence rather than simultaneously within the respective works areas	Noise control/ During construction	Contractor(s)		✓		✓
S8.8.1	Only well-maintained plant will be operated on-site and plant will be serviced regularly during the construction phase.	Noise control/ During construction	Contractor(s)		✓		✓
S8.8.1	Silencers or mufflers on construction equipment will be utilised and will be properly maintained during the construction phase.	Noise control/ During construction	Contractor(s)		✓		✓
S8.8.1	Mobile plant, if any, shall be sited as far away from Noise Sensitive Receivers (NSRs) as possible.	Noise control/ During construction	Contractor(s)		✓		✓
S8.8.1	Machines and plant (such as trucks) that may be in intermittent use will be shut down between work periods or will be throttled down to a minimum.	Noise control/ During construction	Contractor(s)		✓		✓
S8.8.1	Plant known to emit noise strongly in one direction will, wherever possible, be orientated so that the noise is directed away from the nearby NSRs.	Noise control/ During construction	Contractor(s)		✓		✓
S8.8.1	Material stockpiles and other structures will be effectively utilised, wherever practicable, in screening noise from on-site construction activities.	Noise control/ During construction	Contractor(s)		✓		✓

EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
S8.8.1	Manual working will be required to replace operation of large PMEs such as excavators, lorries and concrete lorry mixers when construction of village sewers carried out in narrow village alleys.	Noise control/ During construction	Contractor(s)		✓		✓
S8.8.2	Quieter equipment shall be chosen and noise levels specification shall be included when ordering new plant items.	Noise control/ Pre-construction/ During construction	Contractor(s)	✓	✓	✓	✓
S8.8.2	Locate fixed plant items or noise emission points away from the NSRs as far as practicable.	Noise control/ During construction	Contractor(s)		✓		✓
S8.8.2	Locate noisy machines in completely enclosed plant rooms or buildings with suitable and practicable noise remedies.	Noise control/ During construction	Contractor(s)		✓		✓
S8.8.2	Develop and implement a regularly scheduled plant maintenance programme so that plant items are properly operated and serviced. The programme should be implemented by properly trained personnel.	Noise control/ During construction	Contractor(s)		✓		✓
S8.11.1	The effectiveness of on-site control measures could also be evaluated through the regular site audits.	All facilities/ During construction	ET/ IEC		✓		✓
S8.11.2	An operational noise monitoring programme for the operation of San Shek Wan STW and SPS is recommended during the testing and commissioning stage to ensure that compliance with the noise limits specified in this report are achieved.	All facilities/ During operation	DSD			✓	N/A
5. Waste Management							
S9.5.1	Nomination of approved personnel to be responsible for standard site practices, arrangements for collection and effective disposal to an appropriate facility of all wastes generated at the site.	Contract mobilisation/ During construction	Contractors		✓		✓
S9.5.1	Training of site personnel in proper waste management and chemical handling procedures. Training will be provided to workers on the concepts of site cleanliness and appropriate waste management procedures, including waste reduction, reuse and recycling at the beginning of the construction works.	Contract mobilisation/ During construction	Contractors		✓		✓

EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
S9.5.1	Provision of sufficient waste disposal points and regular collection for disposal.	All area/ During construction/ During operation	Contractors		✓	✓	✓
S9.5.1	Appropriate measures to reduce windblown litter and dust transportation of waste by either covering trucks or by transporting wastes in enclosed containers.	All area/ During construction	Contractors		✓		✓
S9.5.1	Separation of chemical wastes for special handling and appropriate treatment at the Chemical Waste Treatment Centre at Tsing Yi.	All area/ During construction	Contractors		✓		✓
S9.5.1	Regular cleaning and maintenance programme for drainage systems, sumps and oil interceptors.	Land site/ During construction	Contractors		✓		✓
S9.5.1	A recording system for the amount of wastes generated/ recycled and disposal sites.	Land site/ During construction	Contractors		✓		✓
S9.5.2	Segregation and storage of different types of waste in different containers, skips or stockpiles to enhance reuse or recycling of material and their proper disposal.	Land site/ During construction/ During operation	Contractors		✓		P
S9.5.2	Encourage collection of aluminium cans and waste paper by individual collectors during construction with separate labelled bins provided to segregate these wastes from other general refuse by the workforce.	Land site/ During construction	Contractors		✓		✓
S9.5.2	Any unused chemicals and those with remaining functional capacity will be recycled as far as possible.	Land site/ During construction	Contractors		✓		✓
S9.5.2	Use of reusable non-timber formwork to reduce the amount of C&D materials.	All areas/ During construction	Contractors		✓		✓

EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
S9.5.2	Prior to disposal of construction waste, wood, steel and other metals will be separated to the extent practical, for re-use and/or recycling to reduce the quantity of waste to be disposed of to landfill.	All areas/ During construction	Contractors		✓		✓
S9.5.2	Proper storage and site practices to reduce the potential for damage or contamination of construction materials.	All areas/ During construction	Contractors		✓		✓
S9.5.2	Plan and stock construction materials carefully to reduce amount of waste generated and avoid unnecessary generation of waste.	All areas/ During construction	Contractors		✓		✓
S9.5.3	A Sediment Quality Report (SQR) for sampling and chemical testing of the sediment will be prepared and submitted to the EPD for approval. The approved detailed sampling and chemical testing will be carried out prior to the commencement of the dredging activities to confirm the sediment disposal method.	Marine works/ During construction	Contractors		✓		✓
S9.5.3	The contractor will open a billing account with EPD in accordance with the Waste Disposal (Charges for Disposal of Construction Waste) Regulation for the payment of disposal charges.	Contract mobilisation/ During construction	Contractors		✓		✓
S9.5.3	A trip-ticket system will be established in accordance with DEVB TC(W) No. 6/2010 to monitor the reuse of surplus excavated materials off-site and disposal of construction waste and general refuse at transfer facilities/ landfills, and to control fly-tipping.	Contract mobilisation/ During construction	Contractors		✓		✓
S9.5.3	The project proponent will also conduct regular inspection of the waste management measures implemented on site as described in the Waste Management Plan	All area/ During construction	ET/ IEC/ DSD		✓		✓

EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
S9.5.3	A recording system (similar to summary table as shown in Annex 5 and Annex 6 of Appendix G of ETWB TC(W) No. 19/2005) for the amount of waste generated, recycled and disposed of (including the disposal sites) will be established during the construction phase.	All area/ During construction	Contractors		✓		✓
S9.5.3	Inert C&D materials (public fill) will be reused within the Project as far as practicable.	All area/ During construction	Contractors		✓		✓
S9.5.3	Public fill and construction waste shall be segregated and stored in different containers or skips to facilitate reuse or recycling of materials and their proper disposal.	All area/ During construction	Contractors		✓		✓
S9.5.3	Specific areas of the work site will be designated for such segregation and storage if immediate use is not practicable.	All area/ During construction	Contractors		✓		✓
S9.5.3	To reduce the potential dust and water quality impacts of site formation works, C&D materials will be wetted as quickly as possible to the extent practice after filling.	All area/ During construction	Contractors		✓		✓
S9.5.3	Open stockpiles of excavated/ fill materials or construction wastes on-site should be covered with tarpaulin or similar fabric.	Land site/ During Construction, particularly dry season	Contractors		✓		✓
S9.5.3	Chemical waste container shall be suitable for the substance they are holding, resistant to corrosion, maintained in a good condition, and securely closed;	All area/ During construction	Contractors		✓		P

EIA Reference	Recommended Environmental Protection Measures/Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
S9.5.3	Chemical waste container shall have a capacity of less than 450 L unless the specifications have been approved by the EPD.	All area/ During construction	Contractors		✓		✓
S9.5.3	A label in English and Chinese shall be displayed on the chemical container in accordance with instructions prescribed in Schedule 2 of the Regulations.	All area/ During construction	Contractors		✓		✓
S9.5.3	Storage areas for chemical waste shall be clearly labelled and used solely for the storage of chemical waste.	All area/ During construction	Contractors		✓		✓
S9.5.3	Storage areas for chemical waste shall be enclosed on at least 3 sides;	All area/ During construction	Contractors		✓		✓
S9.5.3	Storage areas for chemical waste shall have an impermeable floor and bunding, of capacity to accommodate 110% of the volume of the largest container or 20% by volume of the chemical waste stored in that area, whichever is the greatest.	All area/ During construction	Contractors		✓		✓

EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
S9.5.3	Storage areas for chemical waste shall have adequate ventilation.	All area/ During construction	Contractors		✓		✓
S9.5.3	Storage areas for chemical waste shall be covered to prevent rainfall entering (water collected within the bund must be tested and disposed of as chemical waste, if necessary).	All area/ During construction	Contractors		✓		✓
S9.5.3	Storage areas for chemical waste shall be arranged so that incompatible materials are appropriately separated.	All area/ During construction	Contractors		✓		✓
S9.5.3	Chemical waste will be disposed of via a licensed waste collector; and to a facility licensed to receive chemical waste, such as the Chemical Waste Treatment Facility which also offers a chemical waste collection service and can supply the necessary storage containers.	During Construction/ During Operation	Contractors		✓	✓	✓
S9.5.3	General refuse will be stored in enclosed bins or compaction units separately from construction and chemical wastes.	All area/ During construction	Contractors		✓		✓

EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
S9.5.3	Adequate number of waste containers will be provided to avoid over-spillage of waste.	All area/ During construction	Contractors		✓		✓
S9.5.3	A reputable waste collector will be employed by the Contractor to remove general refuse from the site, separately from construction and chemical wastes, on a daily basis to minimise odour, pest and litter impacts.	All area/ During construction	Contractors		✓		✓
S9.5.3	The burning of refuse on construction sites is prohibited by law.	All area/ During construction	Contractors		✓		✓
S9.5.4	Sludge will be stored properly in covered containers within the STW.	During Operation	Contractors			✓	
S9.5.4	Sludge containers should be flushed with water regularly.	During Operation	Contractors			✓	N/A
S9.5.4	Frequent sludge removal from storage containers is necessary to prevent the production of gases.	During Operation	Contractors			✓	N/A
S9.5.4	Screens should be cleaned regularly to remove any accumulated organic debris.	During Operation	Contractors			✓	N/A
S9.5.4	Grit and screening transfer systems should be flushed regularly with water to remove organic debris and grit.	During Operation	Contractors			✓	N/A
S9.5.4	Screenings and grits shall be transferred and stored in closed containers.	During Operation	Contractors			✓	N/A
S9.5.4 & S9.7.1	To facilitate monitoring and control over the contractors' performance on waste management, a waste inspection and audit programme will be implemented throughout the construction phase.	All facilities/ During construction	ET/ IEC		✓		✓
6. Landscape & Visual							
S10.6.8 & S10.7.7	Detailed design of development components should reduce landscape footprint and visibility of structures and blend with the existing environment as far as possible. (MM1)	All area/ Detailed design/ During construction/ During operation	DSD/ Contractor(s)	✓	✓	✓	N/A

EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
S10.6.8	Temporary structures and construction works should be planned with care to minimise disturbance to trees/ vegetation, topography and existing built structures. The footprint of the proposed facilities shall be compressed to a practical minimum taking into account functional, operational and maintenance needs so as to cause minimum land conversion impact. (MM1)	All area/ Detailed design/ During construction/ During operation	DSD/ Contractor(s)	✓	✓	✓	N/A
S10.6.8	Where technically feasible design should aim to reduce the visibility of the proposed above ground structures. This will include massing and building height considerations. In addition the form, textures, finishes and colours of the proposed structures should be as compatible with the existing surroundings as possible,. Light earthy tone colours such as shades of green, shades of grey, shades of brown and off-white may be utilised where technically feasible to reduce the visibility of the new development components, including all SPSs and the STW. To further improve visual amenity, natural building materials such as stone and timber, should be preferably adopted for architectural features, where technically feasible. To date, a variety of materials are proposed for façade treatment to create a layering effect that breaks down the massing of structures. Translucent materials and louvers shall be used to enhance the permeability of the buildings. (MM1)	All area/ Detailed design/ During construction/ During operation	DSD/ Contractor(s)	✓	✓	✓	N/A
S10.6.8	Vertical Greening and Green Roof – Provide vertical greening to soften hard surfaces, and roof greening to enhance landscape and visual quality. (MM2)	All area/ Detailed design/ During construction/ During operation	DSD/ Contractor(s)	✓	✓	✓	N/A
S10.6.8	Tree Protection and Preservation – Trees/ woodland within the Project Site will be protected and preserved as far as possible in accordance with DEVB TC(W) No. 7/2015. (MM3)	All area/ Detailed design/ During construction/ During operation	DSD/ Contractor(s)	✓	✓		N/A

EIA Reference	Recommended Environmental Protection Measures/Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
S10.6.8	Tree Transplantation – Should removal of trees be unavoidable due to construction impacts, trees will be transplanted or felled according to Clause 3.97 of the General Specification of Civil Engineering Works – Section 3 Landscape Softworks and Establishment Works. Transplantation must be carried out prior to site formation works and be treated with establishment works immediately after transplanting, for a period of no less than 12 months. (MM4)	All area/ Detailed design/ During construction/ During operation	DSD/ Contractor(s)	✓	✓		N/A
S10.6.8	Compensatory Tree Planting - Where loss of existing trees is unavoidable, compensatory planting of trees should be provided in accordance with DEVB TC(W) No. 7/2015 to compensate for those trees felled. Complete compensatory planting at least 3-6 months before construction completion, followed by 12 months establishment period after construction completion. (MM5)	All area/ Detailed design/ During construction/ During operation	DSD/ Contractor(s)	✓	✓	✓	N/A
S10.6.8	The selection of planting species shall be made with reference to the species identified in the Tree Survey and preferably be native to Hong Kong or the South China region. As stated in DEVB TC(W) No. 7/2015, as far as possible, implementation of compensatory planting should be of a ratio not less than 1:1 in terms of quality and quantity within the site, i.e. the total numbers and the aggregated girth size of compensatory trees within the site and off-site, should not be less than that of the tree(s) to be felled. In addition, the quality of compensatory trees should be at least of “heavy standard” and further details regarding soil specification and ground surface treatment of recipient locations of the compensatory tree will be provided in a Detailed Landscape Design and Planting Plan which should detail the location of compensatory planting. (MM5)	All area/ Detailed design/ During construction/ During operation	DSD/ Contractor(s)	✓	✓	✓	N/A
S10.6.8	Buffer Planting – Tall screen/buffer trees and shrubs shall be planted to screen the proposed built structures. This measure may additionally form part of the compensatory planting (MM5) and will improve compatibility with the surrounding environment. (MM6)	All area/ Detailed design/ During construction/ During operation	DSD/ Contractor(s)	✓	✓	✓	N/A

EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
S10.6.8	Topsoil reuse – Excavated topsoil should be stripped and stored for re-use in the construction of the soft landscape works of this Project or other projects. This is considered a general measure for good site practice. (MM7)	All area/ Detailed design/ During construction/ During operation	DSD/ Contractor(s)	✓	✓		N/A
S10.6.8	Light Control – Control of night time lighting glare shall be implemented to minimize glare impact to adjacent VSRs during construction, and operation as necessary. (MM8)	All area/ Detailed design/ During construction/ During operation	DSD/ Contractor(s)	✓	✓	✓	N/A
7. Cultural Heritage							
S11.6.1 & 11.8.1	Refinement of the proposed alignment adjacent to historic landscape feature TF-HL-1 is recommended to avoid the direct impact.	Built heritage/ Detailed design	Contractor(s)	✓			✓
S11.6.1 & 11.8.1	For the remaining built heritage potentially impacted, prior to commencement of the construction works, a baseline condition survey and baseline vibration impact assessment should be conducted by a qualified building surveyor and a qualified structural engineer to define the vibration limit and to evaluate if construction vibration monitoring and structural strengthening measures are required during construction phase to ensure the construction performance meets with the vibration and settlement monitoring criteria to be agreed with AMO. A maximum level of 5mm/s for Grade 1, 7.5 mm/s for Grade 2 and 3 Historic Building and 15mm/s for Nil Grade heritage structures should be adopted. For settlement limits, an Alert/ Alarm/ Action level of 6mm/ 8mm/ 10mm should be followed. Baseline condition survey and vibration impact assessment of Graded and Proposed Graded Building should be submitted to AMO for comment before commencement of construction works.	Built heritage/ Detailed design	Contractor(s)	✓			✓

EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
S11.6.1 & 11.8.1	During the construction period, no mechanical equipment, such as excavator, shall be operated within 20m from the identified built heritage and only handheld tools and handheld electric driven equipment shall be used. All construction tools, construction materials, excavated materials or any materials generated from the works under this project shall keep clear of the built heritage structures.	Built heritage/ During construction	Contractor(s)		✓		✓
S11.6.1 & 11.8.1	Safe public access, buffer zones and protective covering should be provided to the built heritage during and after the proposed works. If construction works will be conducted within 1m from the walls/structures, of the built heritage, proper protection measure such as fencing and cover-up of nylon/ plastic sheets for the walls/structures of the built heritage shall be carried out.	Built heritage/ During construction/ During operation	Contractor(s)	✓	✓	✓	N/A
S11.6.2 & 11.8.2	A Communication Plan to communicate event of discovery of antiquities or supposed antiquities to the Antiquities and Monuments Office (AMO) should be prepared by the contractor before the commencement of construction works. The plan shall be approved by the engineer, and circulated among relevant parties. A document presenting the plan should be posted in site office(s) for reference.	All area/ Detailed design/ During construction/ During operation	Contractor(s)	✓	✓	✓	N/A
S11.6.2 & 11.8.2	All site staffs, including workers, who will be responsible for the excavation works within Sites of Archaeological Interest should be formally briefed with the Communication Plan and understands that they are working within Sites of Archaeological Interest.	All area/ Detailed design/ During construction/ During operation	Contractor(s)/ Qualified Archaeologist	✓	✓	✓	N/A
S11.6.2 & 11.8.2	A Survey-cum-Rescue Excavation Proposal to define the scope of work shall be prepared and agree it with the AMO. Survey-cum-excavation shall be conducted before the commencement of the excavation work of the concerned sewer alignment by a qualified archaeologist. A Survey-cum-Rescue Excavation Report shall be prepared upon completion of the archaeological works.	All area/ Detailed design/ During construction/ During operation	Contractor(s)/ Qualified Archaeologist	✓			N/A

EIA Reference	Recommended Environmental Protection Measures/Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
S11.6.2 & 11.8.2	A License to Excavate and Search for Antiquities shall be obtained from the Authority under the AM Ordinance (Cap. 53) by the qualified Archaeologist for the required fieldworks of the archaeological works.	All area/ Detailed design/ During construction/ During operation	Contractor(s)/ Qualified Archaeologist	✓			N/A
S11.6.2 & 11.8.2	If the project boundary changes in later stage of the Project to cover additional area not covered in the EIA, the need for further archaeological survey and subsequent impact assessment should be reviewed and AMO should be consulted.	All area/ During construction/ During operation	Contractor(s)	✓	✓	✓	N/A

Legend:



Implemented

P

Partially implemented

N/A

Not applicable