



**CONTRACT NO: SD 6/2020**

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

**UNDER ENVIRONMENTAL PERMIT NO. EP-538/2017**

**QUARTERLY ENVIRONMENTAL MONITORING & AUDIT SUMMARY REPORT**

**MAY TO JULY 2022  
REVISION 2**

**CLIENTS:**

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**CERTIFIED BY:**

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Environmental Team Leader

Derek Lo

**DATE:**

26 September 2022



Member of the Surbana Jurong Group

local people  
global experience

Our ref: 7076811/L29066/AW/KL/TK/rw

26 September 2022

Drainage Services Department  
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By Email and Post  
(kschan04@dsg.gov.hk)

Attention: Mr Silas CHAN

Dear Sir

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

With reference to the Quarterly EM&A Summary Report (May 2022 – July 2022) Revision 2 certified by the ET Leader on 26<sup>th</sup> September 2022, please note that we have no adverse comments on the captioned. We herewith verify the captioned in accordance with Section 12.3 of the EM&A Manual (AEIAR-210/2017).

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

Yours faithfully

**Kitty LEE**  
Independent Environmental Checker

cc	Binnies	-	Mr Clayton LEI	by email
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**EXECUTIVE SUMMARY**

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

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

May 2022	June 2022	July 2022
<ul style="list-style-type: none"> <li>Excavation and site formation works at San Shek Wan Sewage Treatment Works (SSWSTW) and Pui O Sewage Pumping Station (POSPS)</li> <li>Tree pruning at POSPS</li> <li>Maintenance works for trees in holding nursery and construction site</li> <li>Excavation, sewer laying, construction of manhole at Pui O Lo Uk Tsuen</li> <li>Excavation at South Lantau Road</li> <li>HDD works</li> </ul>	<ul style="list-style-type: none"> <li>Excavation and site formation works at San Shek Wan Sewage Treatment Works (SSWSTW) and Pui O Sewage Pumping Station (POSPS)</li> <li>Excavation, sewer laying, construction of manhole at Pui O Lo Uk Tsuen</li> <li>Excavation at South Lantau Road</li> <li>Tree pruning at POSPS</li> <li>HDD works</li> </ul>	<ul style="list-style-type: none"> <li>Excavation, sewer laying, construction of manhole at Pui O Lo Uk Tsuen</li> <li>Excavation and site formation at SSWSTW and POSPS</li> <li>Excavation at South Lantau Road</li> <li>SSWSTW and HDD works</li> <li>Site formation works at POSPS</li> <li>ELS works at POSPS</li> </ul>

Exceedances of Action/Limit Levels

Noise Monitoring

- iii. Noise monitoring was conducted at [Five \(5\) noise monitoring stations \(N12a, N12b, N13, N14 and N17\)](#) in [May 2022](#) and [Seven \(7\) noise monitoring stations \(N12a, N12b, N13, N14, N16a, N16b and N17\)](#) started from [June 2022](#) once per week in the reporting period.
- iv. Examination was taken place at N17 – Bui O Public School from 14 to 19 July 2022, 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 on 12 May 2022, 2 and 4 July 2022 was cancelled due to adverse weather.
- viii. 234 action level and 0 limit level exceedances on DO, 42 action level and 126 limit level exceedances on turbidity, 30 action level and 113 limit level exceedances on SS were recorded in the reporting period.
- ix. 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.
- x. Co-related the monitoring dates with those days with recorded marine works activities, no marine dredging works were active during the reporting period. Majority of recorded marine works activities were maintenance on working barge not in contact with water, except casing installation for marine HDD works on 28 June 2022 and 22 to 29 July 2022 within the replaced fully enclosed silt curtain. Reviewed the overall work situation with limited marine works, it can be concluded that all the turbidity and SS exceedances were possibly due to natural runoff from streams to the sea as a result of frequent rainfall as recorded in the reporting period. (Heavy showers, rainstorm and squally thunderstorms from 10 to 16 May 2022 and from 25 to 31 May 2022, Amber rainstorm warning signal recorded on 12 May 2022; Amber and Red rainstorm warning signals recorded on 13 May 2022. Heavy showers, rainstorm and squally thunderstorms during 7-11 June 2022 and 14-16 June 2022, Amber rainstorm warning signal recorded on 7, 11, 14, 15 June 2022; Amber and Red rainstorm warning signals and waterspout near Cheung Chau 2022 recorded on 8 June 2022. Heavy showers, rainstorm and squally thunderstorms during 5-7 July 2022 and 16, 29 July 2022, Amber rainstorm warning signal recorded on 1 and 30 July 2022; tropical cyclone warning signals and strong monsoon signal recorded on 1-3 July 2022).
- xi. Reviewing the “and” approach, no exceedance in turbidity and SS would be recorded on adopting the ‘and’ criteria in the Action and Limit Level as proposed in submitted Baseline Monitoring Report.
- xii. All action and limit level exceedances under “or” criteria as stated in the EM&A Manual were concluded as non-project related upon investigation.

Ecological Impact Monitoring



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

Complaint log

- xvi. One environmental complaint regarding the construction works was recorded in present quarter.

Notifications of Any Summons and Successful Prosecutions

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



## 1 Introduction

### 1.1 Scope of the Report

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

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

### 1.2 Structure of the Report

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

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

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

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

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

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

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

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



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

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

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

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

## 2. Basic Project Information

### 2.1 Project Organization and Key Contact Personnel

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

**Table 2.1 Contact Details of Key Personnel**

Party	Role	Post	Name	Contact No.	Contact Fax
Drainage Services Department (DSD)	The Engineer for the Contract	Engineer	Mr. Silas Chan	2594 7272	3104 6426
Binnies Hong Kong Limited	Engineer's Representative	Resident Engineer	Mr. Clarence Chak	6428 5532	-
Kwan Lee – Chun Wo Joint Venture	Contractor	Site Agent	Mr. Charles Tse	9270 3384	2744 6937
		Environmental Officer	Ms. Shirley Kong	5162 5933	
SMEC Hong Kong	Independent Environmental Checker (IEC)	Independent Environmental Checker (IEC)	Ms. Kitty Lee	3995 8140	3995 8101
Lam Environmental Services Limited	Environmental Team (ET)	Environmental Team Leader (ETL)	Mr. Derek Lo*	2882 3939	2882 3331

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

### 2.2 Construction Programme

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

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



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



### 3. A Brief Summary of EM&A Requirements

#### 3.1 Monitoring Parameters

##### Noise Monitoring

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

##### Water Quality Monitoring

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

##### Ecological Impact Monitoring

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

#### 3.2 Environmental Quality Performance Limits

##### Noise Monitoring

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

##### Water Quality Monitoring

- 3.2.2 Marine-based construction works had been commenced since 19 April 2022, marine water quality monitoring was initialised since 12 April 2022.
- 3.2.3 234 action level and 0 limit level exceedances on DO, 42 action level and 126 limit level exceedances on turbidity, 30 action level and 113 limit level exceedances on SS were recorded in the reporting period.
- 3.2.4 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.

3.2.5 Checked with contractor and RSS on the marine works activities during water Quality monitoring in the reporting period, the following activities were recorded:

- 3/5/2022 - Cut off pipe pile of steel platform, Maintain silt curtain around marine platform
- 5/5/2022 - Weld safety fence on steel platform; Maintain silt curtain around marine platform
- 10/5/2022 - Working barge mobilized to site
- 25/5/2022 - Assemble and install steel casing for HDD works on the board
- 27/5/2022 - General site housekeeping (general cleansing on the board)
- 30/5/2022 - Install steel casing for HDD works to seabed
- 31/5/2022 - General site housekeeping (general cleansing on the board)
- 2/6/2022 - Preparation works for assembling and installing steel casing
- 4/6/2022 - Machine maintenance on working boat
- 7/6/2022 - Preparation works for installing mud pump; Machine maintenance on working boat
- 11/6/2022 - Installing mud jar on working boat
- 13/6/2022 - Machine maintenance on working boat
- 15/6/2022 - Machine maintenance on working boat; Preparation works for connection between mud pump and tank
- 17, 22, 24/6/2022 - Appliance maintenance on working boat
- 28/6/2022 - Appliance maintenance on working boat; Casing installation for marine HDD works
- 6 - 20/7/2022 - No activity
- 22 - 29/7/2022 - Appliance maintenance on working barge and casing installation for marine HDD works

3.2.6 Co-related the monitoring dates with those days with recorded marine works activities, no marine dredging works were active during the reporting period. Majority of recorded marine works activities were maintenance on working barge not in contact with water, except casing installation for marine HDD works on 28 June 2022 and 22 to 29 July 2022 within the replaced fully enclosed silt curtain. Reviewed the overall work situation with limited marine works, it can be concluded that all the turbidity and SS exceedances were possibly due to natural runoff from streams to the sea as a result of frequent rainfall as recorded in the reporting period. (Heavy showers, rainstorm and squally thunderstorms from 10 to 16 May 2022 and from 25 to 31 May 2022, Amber rainstorm warning signal recorded on 12 May 2022; Amber and Red rainstorm warning signals recorded on 13 May 2022. Heavy showers, rainstorm and squally thunderstorms during 7-11 June 2022 and 14-16 June 2022, Amber rainstorm warning signal recorded on 7, 11, 14, 15 June 2022; Amber and Red rainstorm warning signals and waterspout near Cheung Chau 2022 recorded on 8 June 2022. Heavy showers, rainstorm and squally thunderstorms during 5-7 July 2022 and 16, 29 July 2022, Amber rainstorm warning signal recorded on 1 and 30 July 2022; tropical cyclone warning signals and strong monsoon signal recorded on 1-3 July 2022).



- 3.2.7 Reviewing the “and” approach, no exceedance in turbidity and SS would be recorded on adopting the ‘and’ criteria in the Action and Limit Level as proposed in submitted Baseline Monitoring Report.
- 3.2.8 All action and limit level exceedances under “or” criteria as stated in the EM&A Manual were concluded as non-project related upon investigation.
- 3.2.9 Water quality monitoring is evaluated against Action and Limit Levels. Note that derived Action and Limit Level was proposed in Baseline Monitoring Report for approval. Action and Limit Levels of marine water quality monitoring have been set with reference to the EM&A Manual criteria and derived criteria as shown in **Table 3.1** below.

**Table 3.1 Action and Limit Levels of Water Quality**

Parameters	Action Level	Limit Level
<i>Construction Phase Marine Water Monitoring - EM&amp;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 <sup>A</sup> ) <sup>C</sup>	14.4 NTU, <b>or</b> 20% exceedance of value at any impact station compared with corresponding data from control station	23.5 NTU, <b>or</b> 30% exceedance of value at any impact station compared with corresponding data from control station
SS in mg/L (Depth-averaged <sup>A</sup> ) <sup>C</sup>	13.1 mg/L, <b>or</b> 20% exceedance of value at any impact station compared with corresponding data from control station	30.4 mg/L, <b>or</b> 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 <sup>B</sup>	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 <sup>A</sup> ) <sup>C</sup>	14.4 NTU <b>and</b> 20% exceedance of value at any impact station compared with corresponding data from control station <sup>D</sup>	23.5 NTU <b>and</b> 30% exceedance of value at any impact station compared with corresponding data from control station <sup>D</sup>
SS in mg/L (Depth-averaged <sup>A</sup> ) <sup>C</sup>	13.1 mg/L <b>and</b> 20% exceedance of value at any impact station compared with corresponding data from control station <sup>D</sup>	30.4 mg/L <b>and</b> 30% exceedance of value at any impact station compared with corresponding data from control station <sup>D</sup>

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

- 3.2.10 Transplanting works for plant species, *Aquilaris sinensis*, was completed on 26 April 2022. Maintenance works for trees in holding nursery have commenced.
- 3.2.11 Monitoring of maintenance works for the transplanted plant species was conducted at the holding nursery while in the reporting period.
- 3.2.12 As per latest version of PTP, four tree found (1 no. of *Aquilaria sinensis* and 3 nos. of *Gmelina chinensis*) within the site of SSWSTW which are considered to be the plant species with



conservative importance for temporarily transplanted to the nursery at Kam Tin and eventually be transplanted to Pui O Pumping Station.



#### 4. Implementation Status

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

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

##### 4.2 Environmental Mitigation Measures

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

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

EP Condition	Submission	Date of Latest Submission to EPD ^ / EPD Approval #
Condition 2.10	Waste Management Plan (Rev. 5) (electronic copy)	4 April 2022#
Condition 2.11	Submission of Preservation and/or Transplantation Plan for Plant Species of Conservation Importance (Rev. 19)	29 July 2022^
Condition 2.12	Submission of Compensatory Woodland Planting Plan (Rev. 5)	2 July 2021^
Condition 2.13	Silt Curtain Deployment Plan (Rev. 11)	1 June 2022^
Condition 2.14	Landscape Mitigation Plan	To be confirmed
Condition 2.15	Construction Noise Mitigation Plan (Rev. 19)	21 July 2022^

##### 4.3 Environmental monitoring requirements and contractual requirements

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

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



Permits and/or Licences	Permit. No. / Account No.	Issued Date	Valid Period & Expiry Date (dd-mm-yyyy to dd-mm-yyyy)	Status
Notification Pursuant to Section 3(1) of <i>Air Pollution Control (Construction Dust) Regulation</i>	466408	14 Apr 2021	N/A	Valid
Wastewater Discharge Licence under <i>Water Pollution Control Ordinance</i>	SSWSTW: WT00039636-2021	30 Dec 2021	30-12-2021 to 31-12-2026	Valid
	POPS: WT00039820-2021	31 Dec 2021	31-12-2021 to 31-12-2026	Valid
Billing Account under <i>Waste Disposal (Charges for Disposal of Construction Waste) Regulation</i>	Account No.: 7040411	05 May 2021	N/A	Valid
Registration as Chemical Waste Producer under <i>Waste Disposal (Chemical Waste) (General) Regulation</i>	WPN 0000-931-K3428-01	13 May 2021	N/A	Valid
Construction Noise Permit under <i>Noise Control Ordinance</i>	GW-RS0921-21	26 Nov 2021	29-11-2021 to 28-05-2022	Valid
	GW-RS0428-22	26 May 2022	29-05-2022 to 28-11-2022	Valid

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

## 5. Monitoring Results Analysis

### 5.1 Noise Monitoring

- 5.1.1 Noise monitoring was conducted at [Five \(5\) noise monitoring stations \(N12a, N12b, N13, N14 and N17\) in May 2022](#) and [Seven \(7\) noise monitoring stations \(N12a, N12b, N13, N14, N16a, N16b and N17\) started from June 2022](#) once per week in the reporting period.
- 5.1.2 Noise monitoring location plans with sensitive receivers are shown in [Figure 5.1](#).
- 5.1.3 Noise monitoring results measured in the reporting period were reviewed and summarised. Noise monitoring graphical presentation can be referred to [Appendix 5.1](#).
- 5.1.4 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 Marine Water quality monitoring results measured in the reporting period were reviewed and summarised. Marine water quality monitoring graphical presentation and the summary of exceedance of action and /limit levels of WQM based on “OR” criteria (criteria according to EM&A Manual), but no exceedance if it is based on the “AND” criteria proposed in Baseline Monitoring Report can be referred to [Appendix 5.2](#).

### 5.3 Ecological Impact Monitoring

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

### 5.4 Waste Management

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



**Table 5.1 Summary of Quantities of Waste Material (May 2022 to July 2022)**

<b>Waste Type</b>	<b>Quantity for reporting quarter</b>	<b>Cumulative Quantity-to-Date</b>
Hard Rock and Large Broken Concrete (Inert) (in '000m <sup>3</sup> )	0	0
Reused in this Contract (Inert) (in '000m <sup>3</sup> )	0	0
Reused in other Projects (Inert) (in '000m <sup>3</sup> )	0	0
Disposal as Public Fill (Inert) (in '000m <sup>3</sup> )	0.23849	6.61143
Metals (in '000kg)	0.00330	1.56500
Paper / Cardboard Packing (in '000kg)	0.06700	0.13748
Plastics (in '000kg)	0.00360	0.01406
Chemical Wastes (in '000kg)	0	0
General Refuses (in '000kg)	68.66	344.77

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



## 6. Complaints, Notification of Summons and Prosecution

6.1.1 One environmental complaint, notification of summons and successful prosecution regarding construction works was recorded in present quarter.

**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 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.	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) and there was no breaches of the CNP. No construction activities and no powered mechanical equipment were in operation on sea side. Having contacted the EPD officer to find out the details on the complaint on 22 May 2022, the complainant only mentioned noise source from the sea but did not mention the type of the noise. Based on the above information, noise	The interim report to be submitted to EPD in Early June 2022. EPD replied no further comments on the final investigation report on 13 July 2022.





			nuisance from the Project is unlikely to be valid.	
--	--	--	--	--

6.1.2 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
May 2022 - July 2022	1
Project commencement to the end of last reporting quarter	0
<b>Total</b>	<b>1</b>

**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
<b>Total</b>	<b>-</b>	<b>0</b>	<b>0</b>



## 7. Comments and Recommendations

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

**Table 7.1 Construction Activities in Past 3 Months**

May 2022	June 2022	July 2022
<ul style="list-style-type: none"> <li>• Excavation and site formation works at San Shek Wan Sewage Treatment Works (SSWSTW) and Pui O Sewage Pumping Station (POSPS)</li> <li>• Tree pruning at POSPS</li> <li>• Maintenance works for trees in holding nursery and construction site</li> <li>• Excavation, sewer laying, construction of manhole at Pui O Lo Uk Tsuen</li> <li>• Excavation at South Lantau Road</li> <li>• HDD works</li> </ul>	<ul style="list-style-type: none"> <li>• Excavation and site formation works at San Shek Wan Sewage Treatment Works (SSWSTW) and Pui O Sewage Pumping Station (POSPS)</li> <li>• Excavation, sewer laying, construction of manhole at Pui O Lo Uk Tsuen</li> <li>• Excavation at South Lantau Road</li> <li>• Tree pruning at POSPS</li> <li>• HDD works</li> </ul>	<ul style="list-style-type: none"> <li>• Excavation, sewer laying, construction of manhole at Pui O Lo Uk Tsuen</li> <li>• Excavation and site formation at SSWSTW and POSPS</li> <li>• Excavation at South Lantau Road</li> <li>• SSWSTW and HDD works</li> <li>• Site formation works at POSPS</li> <li>• ELS works at POSPS</li> </ul>

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

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



- To inspect the condition of silt curtains on regular basis, and after adverse weather including any rainstorms and typhoons in wet season.
- Implementation of noise pollution control in accordance with Construction Noise Mitigation Plan;
- Dust control during dust generating works;
- Adopt surface drainage and sediment control facilities for sewage installation in village and public roads;
- Adopt temporary drainage and sediment control facilities on Site;
- Vehicle wheel-washing and body washing facilities should be provided at the site entrance;
- Regular water spraying on drilling and excavation works for dust control; and
- Proper waste handling, recycling and storage.

The implemented mitigation measures are considered effective.



## **8. Conclusion**

### **8.1 Noise Monitoring.**

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

### **8.2 Water Quality Monitoring**

8.2.1 Marine-based construction works commenced on 19 April 2022, water quality monitoring was commenced on 12 April 2022.

8.2.2 234 action level and 0 limit level exceedances on DO, 42 action level and 126 limit level exceedances on turbidity, 30 action level and 113 limit level exceedances on SS were recorded in the reporting period.

8.2.3 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.

8.2.4 Co-related the monitoring dates with those days with recorded marine works activities, no marine dredging works were active during the reporting period. Majority of recorded marine works activities were maintenance on working barge not in contact with water, except casing installation for marine HDD works on 28 June 2022 and 22 to 29 July 2022 within the replaced fully enclosed silt curtain. Reviewed the overall work situation with limited marine works, it can be concluded that all the turbidity and SS exceedances were possibly due to natural runoff from streams to the sea as a result of frequent rainfall as recorded in the reporting period.

8.2.5 Reviewing the “and” approach, no exceedance in turbidity and SS would be recorded on adopting the ‘and’ criteria in the Action and Limit Level as proposed in submitted Baseline Monitoring Report.

8.2.6 All action and limit level exceedances under “or” criteria as stated in the EM&A Manual were concluded as non-project related upon investigation.

### **8.3 Ecological Impact Monitoring**

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



8.3.2 Monitoring of maintenance works for the transplanted plant species was conducted at the holding nursery while in the reporting period.

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

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

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

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

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

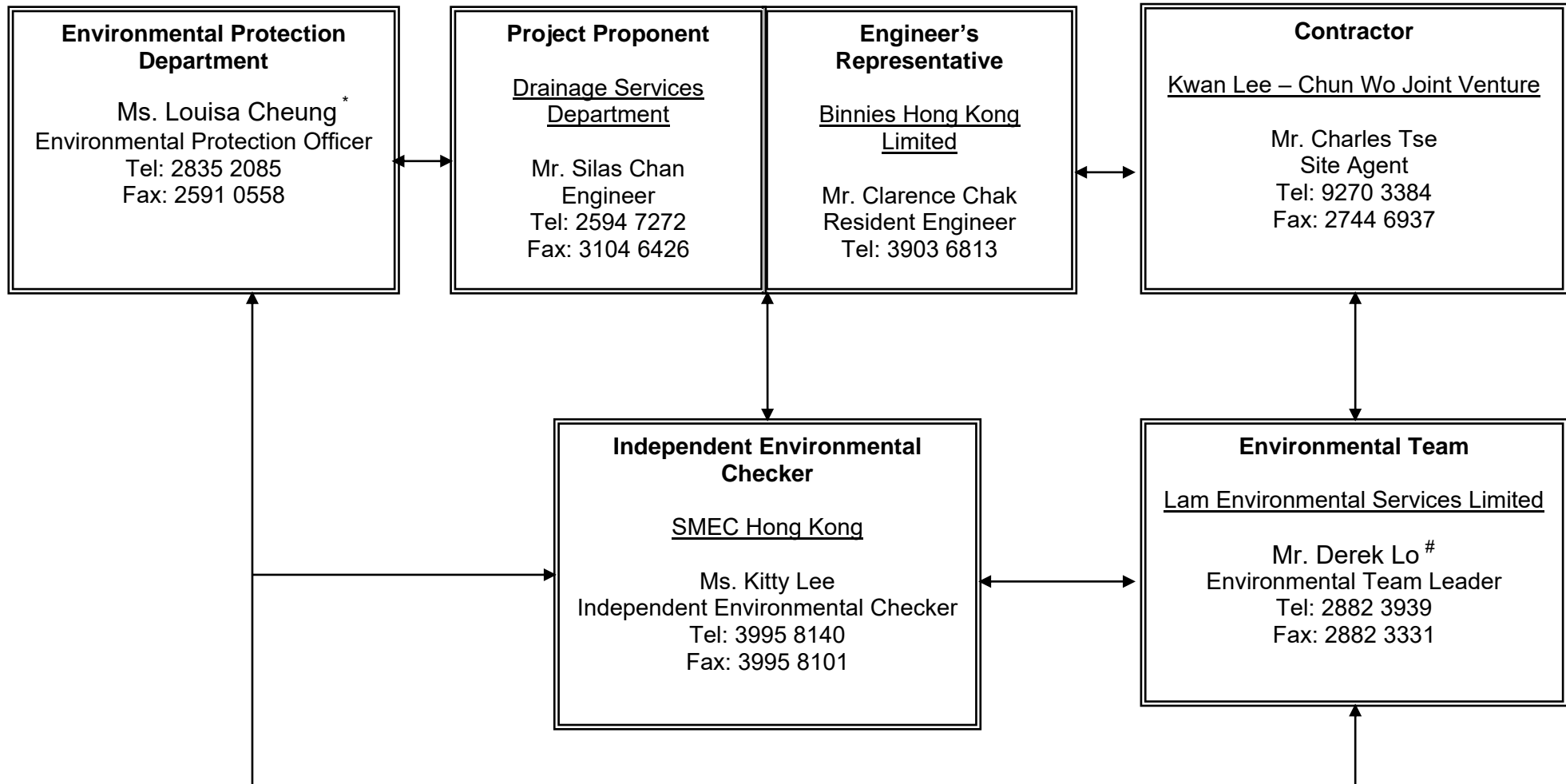


***Figure 2.1***

***Project Organisation Chart***



### Project Organization Chart



\* 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

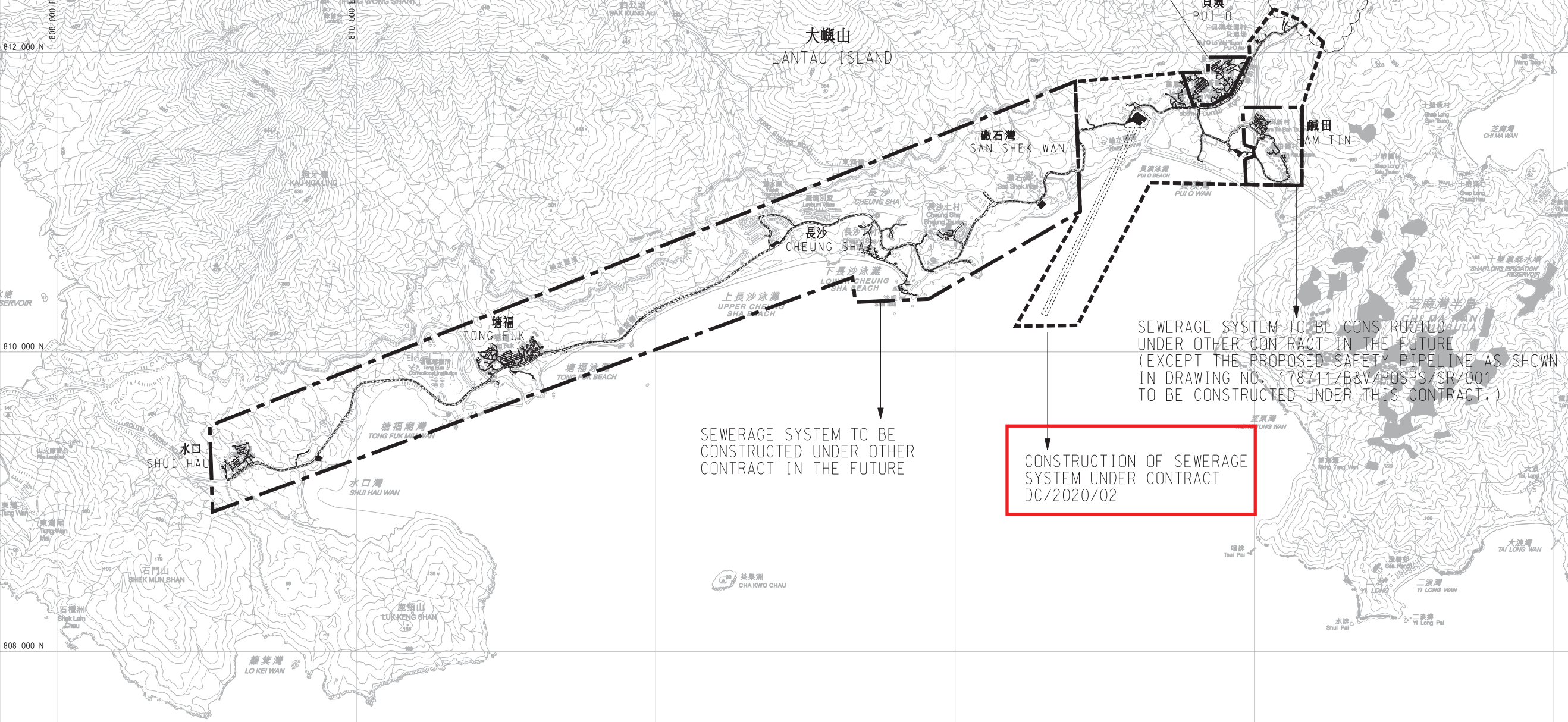
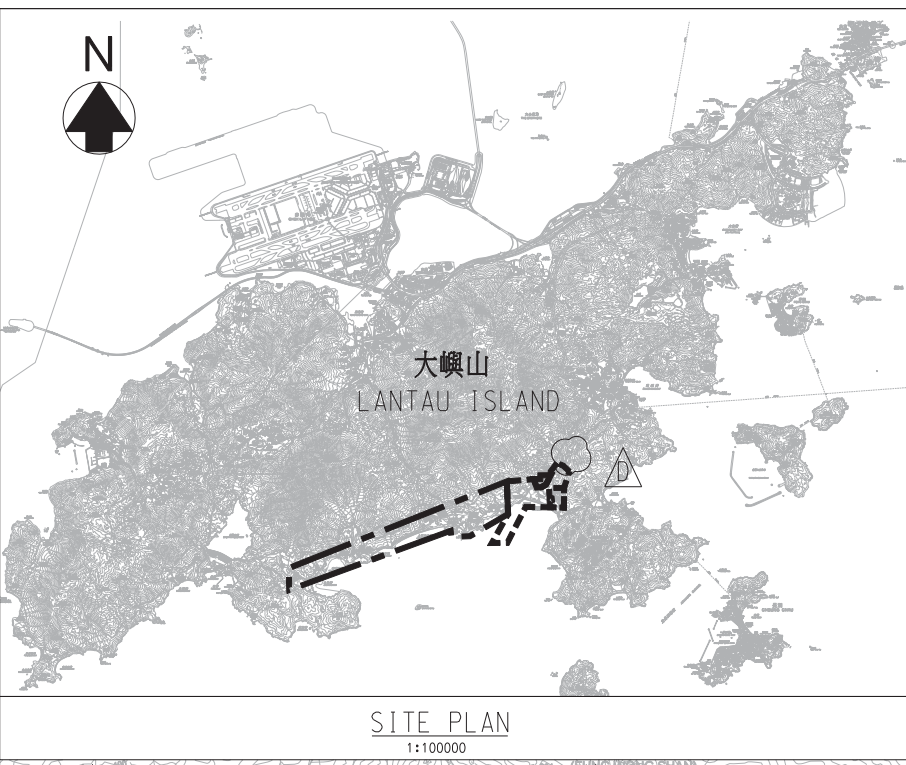
Figure 2.1



***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

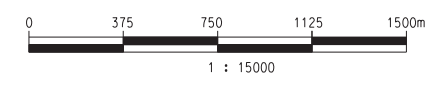
Contract title  
CONSTRUCTION OF SAN SHEK WAN SEWAGE TREATMENT WORKS, ASSOCIATED SUBMARINE OUTFALL AND PUI O SEWERAGE WORKS

Drawing title  
SOUTH LANTAU SEWERAGE WORKS - MASTER LAYOUT PLAN

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

Revision  
D

Scale  
1 : 15000










***Figure 5.1***


***Locations of Noise Monitoring Station***

0 CM  
10  
20  
30

**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

大嶼山  
LANTAU ISLAND

Construction of village sewers at Pui O Lo Uk Tsuen

貝澳羅屋村  
PUI O LO UK TSUEN

嶼南路  
SOUTH LANTAU ROAD

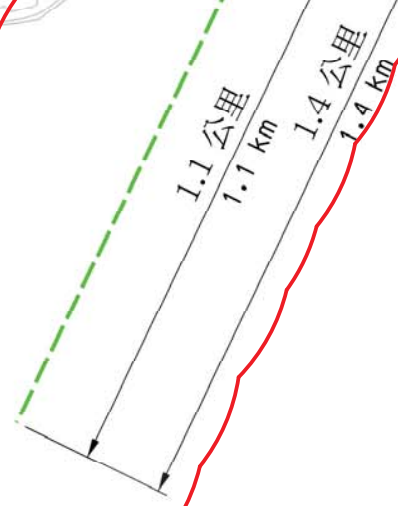
芝麻灣路  
CHI MA WAN ROAD

貝澳  
PUI O

礮石灣  
SAN SHEK WAN

貝澳沙灘  
PUI O BEACH

長沙  
CHEUNG SHA



位置圖 LOCATION PLAN  
比例 SCALE 1 : 150 000

Fine Adjusted N07  
Fine Adjusted N08

Fine Adjusted N10

Fine Adjusted N11b

Fine Adjusted N12a

Fine Adjusted N12b

Fine Adjusted N13

Fine Adjusted N17

Fine Adjusted N14

Fine Adjusted N15b

Fine Adjusted N16b

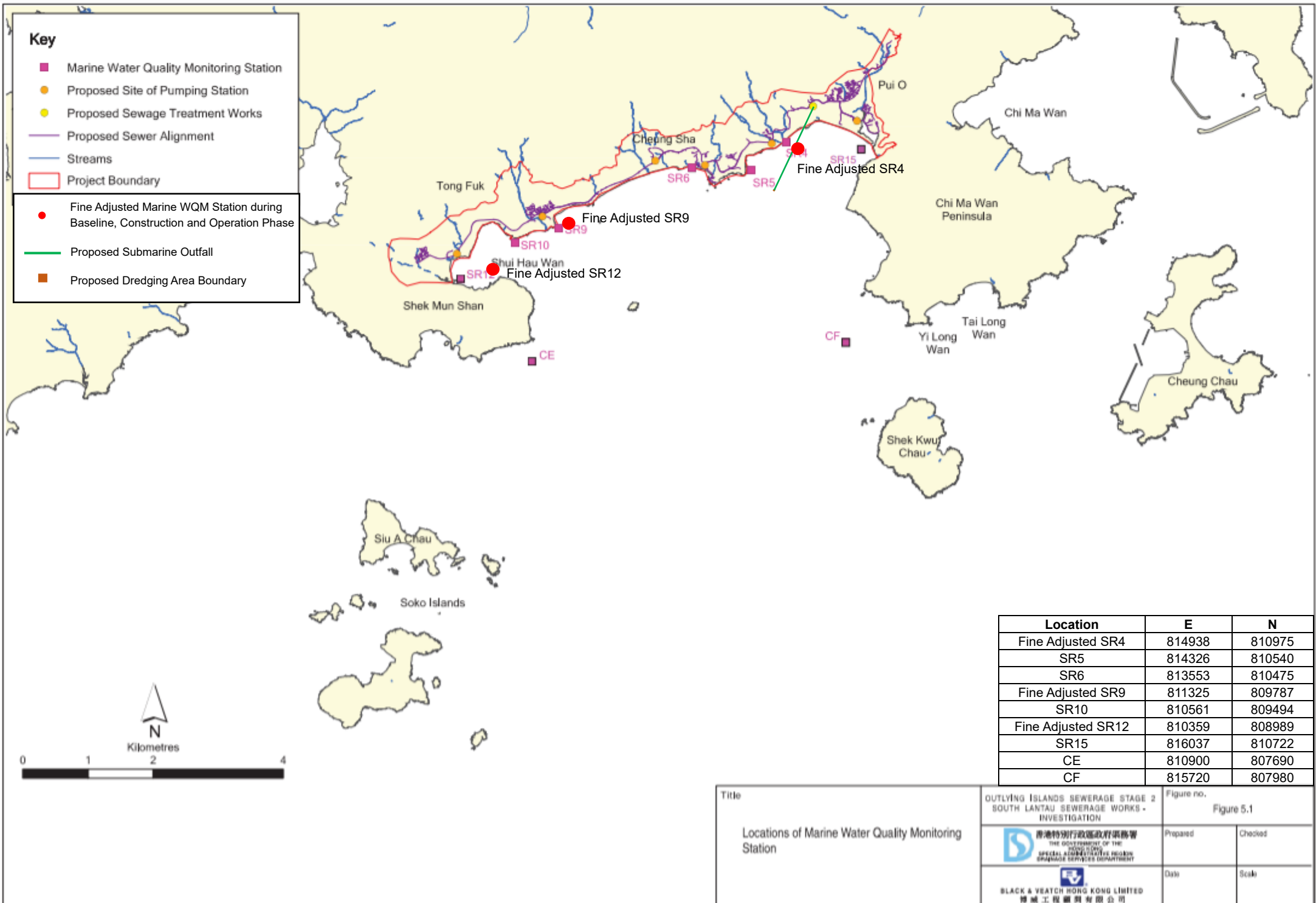
Fine Adjusted N16a



***Figure 5.2***

***Locations of Water Quality Monitoring Stations***





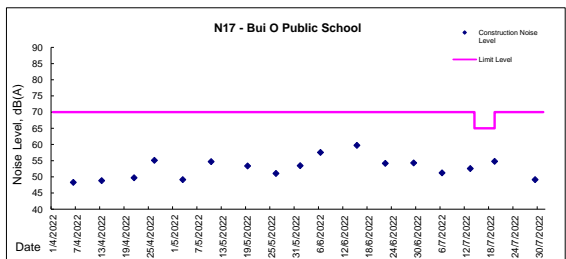
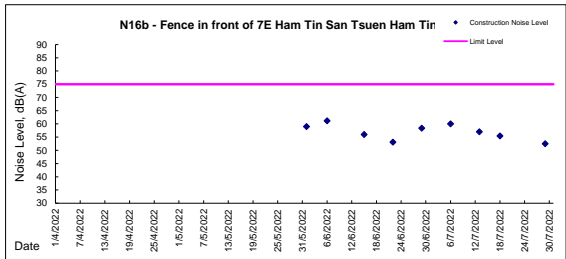
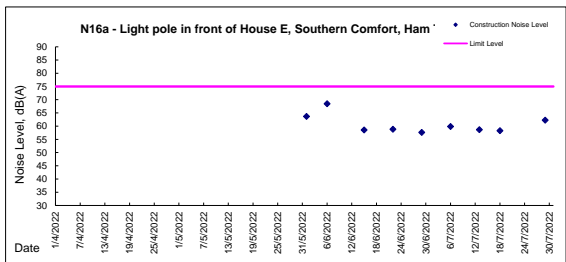
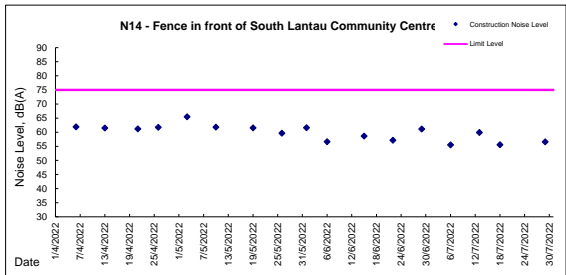
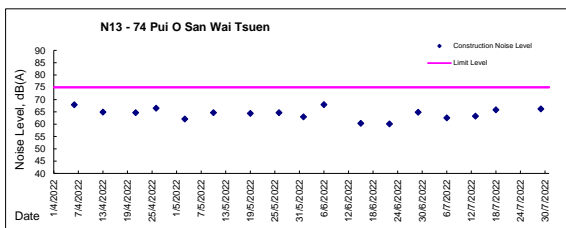
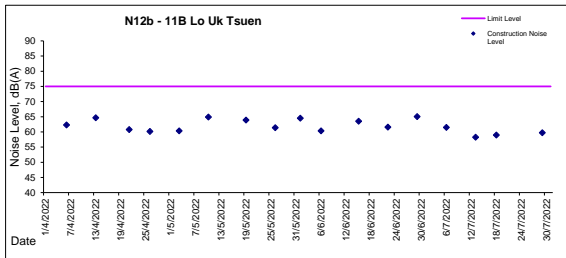
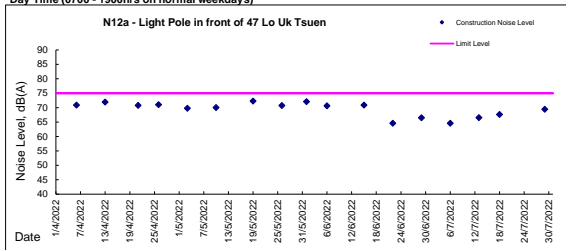
Title  Locations of Marine Water Quality Monitoring Station	OUTLYING ISLANDS SEWERAGE STAGE 2 SOUTH LANTAU SEWERAGE WORKS - INVESTIGATION		Figure no. Figure 5.1	
			Prepared	Checked
	 BLACK & VEATCH HONG KONG LIMITED 博誠工程顧問有限公司		Date	Scale



***Appendix 5.1***

***Noise Monitoring Graphical Presentations***

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





**Noise Monitoring Result**

**Day Time (0700 - 1900hrs on normal weekdays)**

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

Date	Weather	Wind Speed	Calibration Check	Time	Measurement Noise Level			Average Noise Level	Baseline Level	Construction Noise Level	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: 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: 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						
				14:26	63.7	67.6	51.3						
10 May 2022	Cloudy	1.6	93.7	11:31	58.6	61.9	52.1	64.7	73.6	<Baseline Level	75	N/A	Traffic
				11:36	63.9	67.5	53.2						
				11:41	61.5	65.2	52.9						
				11:46	62.7	65.0	52.5						
				11:51	62.6	65.1	52.3						
				11:56	69.7	70.8	54.0						
19 May 2022	Sunny	2.0	94.2	13:51	66.7	69.0	52.5	64.4	73.6	<Baseline Level	75	N/A	Traffic
				13:56	65.9	69.9	51.6						
				14:01	64.1	68.6	51.6						
				14:06	58.8	62.2	51.5						
				14:11	62.1	65.7	51.7						
				14:16	64.7	69.3	53.2						
26 May 2022	Cloudy	1.1	94.2	11:16	66.5	66.8	53.8	64.7	73.6	<Baseline Level	75	N/A	Traffic
				11:21	64.3	68.1	55.3						
				11:26	61.9	65.8	52.2						
				11:31	64.1	67.6	52.7						
				11:36	63.6	67.5	52.6						
				11:41	66.1	68.7	56.2						



**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	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	12:56	59.8	63.8	46.3	59.7	62.2	<Baseline Level	75	N/A	Traffic, sports
				13:01	62.0	65.6	47.9						
				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: 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: 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: 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: 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: 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)									Leq	Leq	Leq							
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: 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: 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: 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: 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 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: 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: 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: 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: 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: 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 Jul 2022	Cloudy	1.1	94.0	13:00	50.8	52.7	48.9	51.2	62.3	<Baseline Level	70	Nil	Traffic
				13:05	51.0	53.1	48.8						
				13:10	50.8	53.4	47.3						
				13:15	52.3	54.4	48.8						
				13:20	51.7	54.3	48.2						
13 Jul 2022	Sunny	1.9	93.9	13:00	54.5	56.6	50.5	52.6	62.3	<Baseline Level	70	Nil	Traffic
				13:05	52.9	55.7	48.0						
				13:10	53.8	55.9	47.3						
				13:15	50.1	52.0	47.3						
				13:20	49.9	51.9	46.6						
19 Jul 2022	Sunny	1.4	93.9	8:55	54.6	55.3	52.7	54.8	62.3	<Baseline Level	65	Nil	Traffic
				9:00	55.2	56.4	53.4						
				9:05	54.6	55.9	53.1						
				9:10	54.2	55.5	52.9						
				9:15	55.7	58.1	53.0						
29 Jul 2022	Sunny	1.1	94.0	9:20	54.3	55.6	53.2	49.1	62.3	<Baseline Level	70	Nil	Traffic
				13:00	47.6	49.7	42.8						
				13:05	48.8	51.4	42.6						
				13:10	49.1	50.7	46.4						
				13:15	48.6	50.3	45.3						
13:20	50.3	53.1	44.9										
13:25	49.9	52.2	45.4										

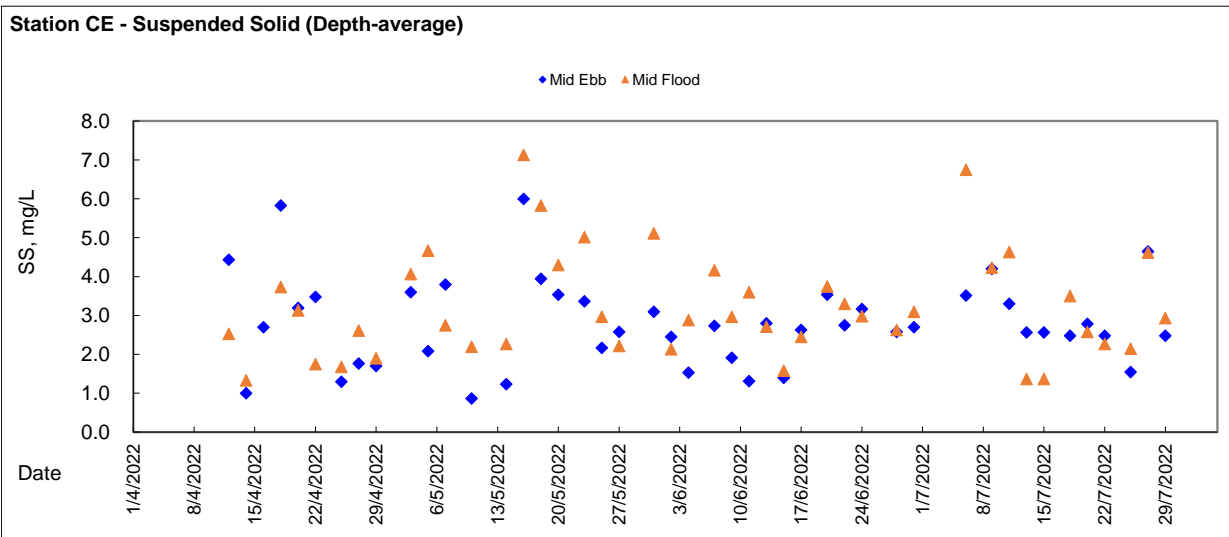
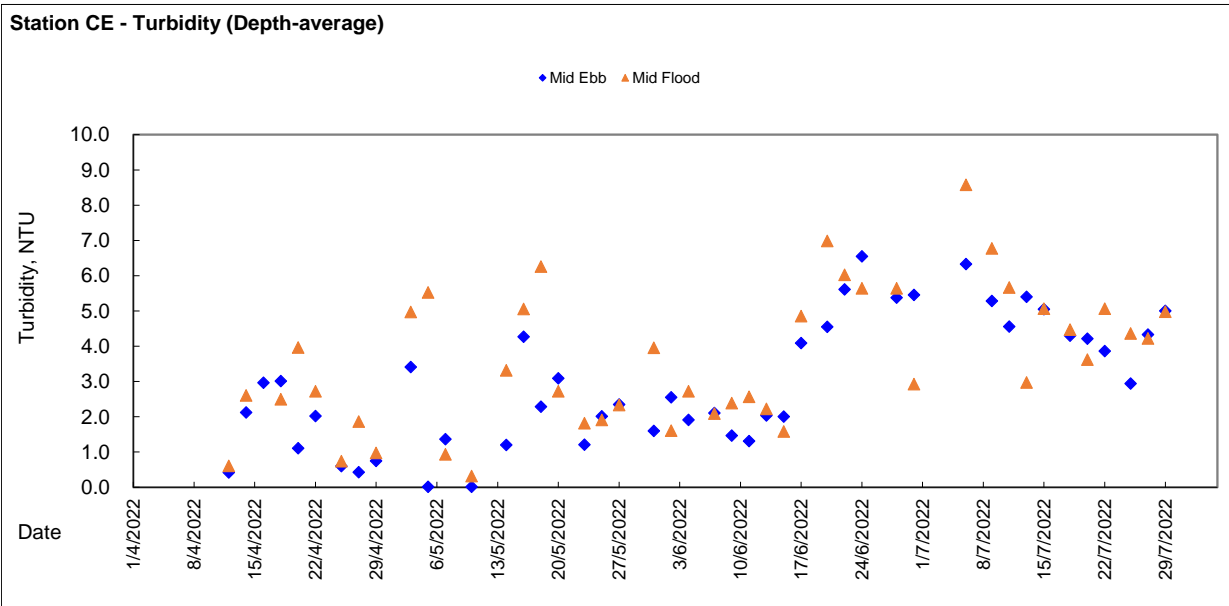
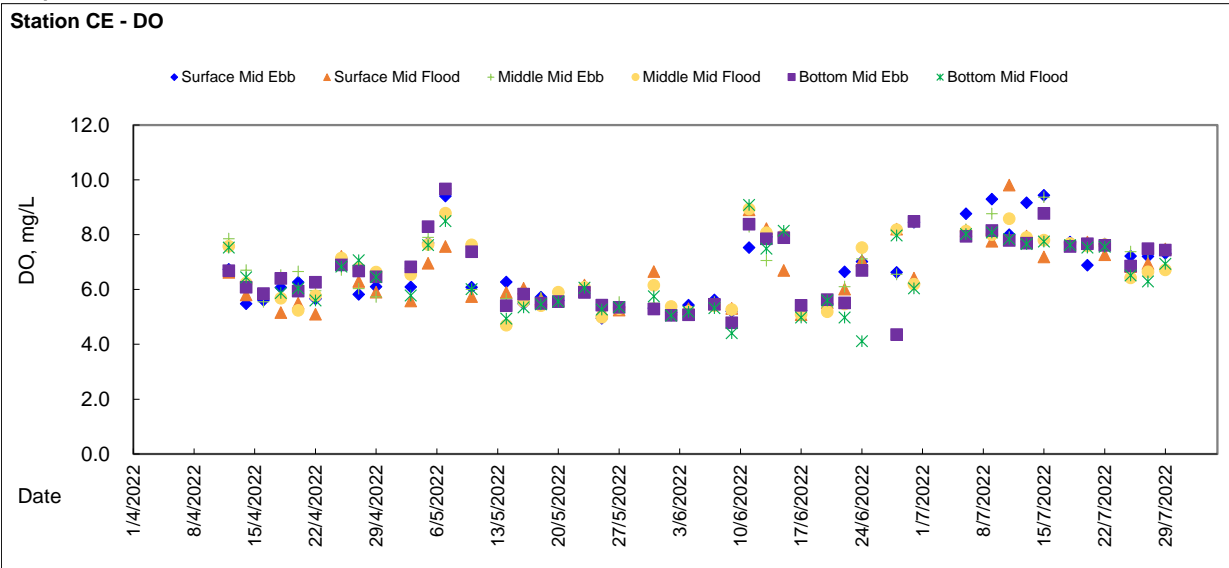


***Appendix 5.2***

***Marine Water Quality Monitoring Graphical and Summary of Exceedance Presentations***

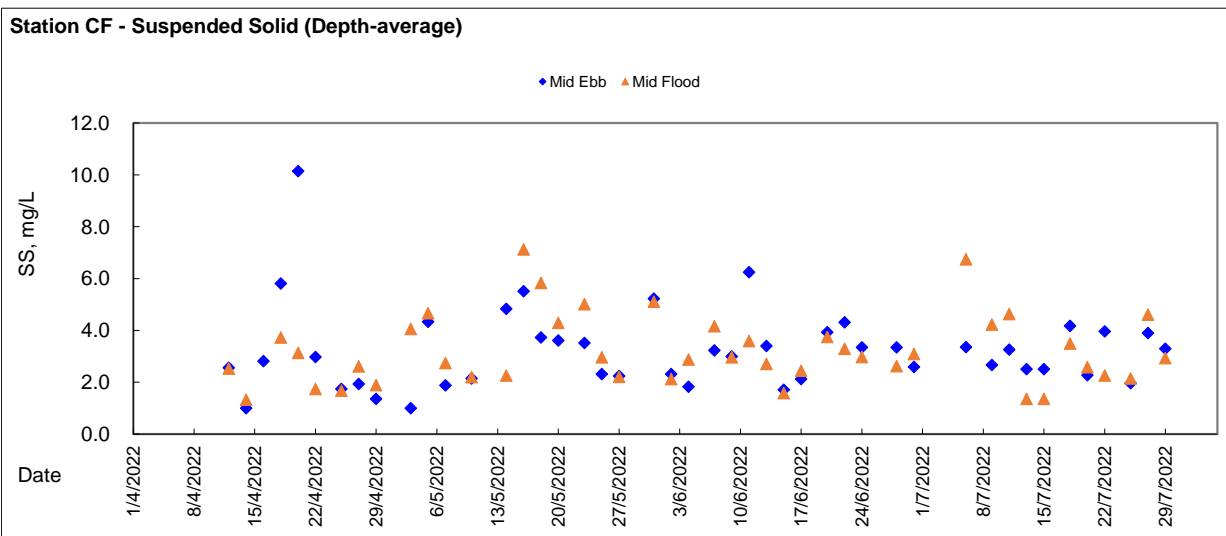
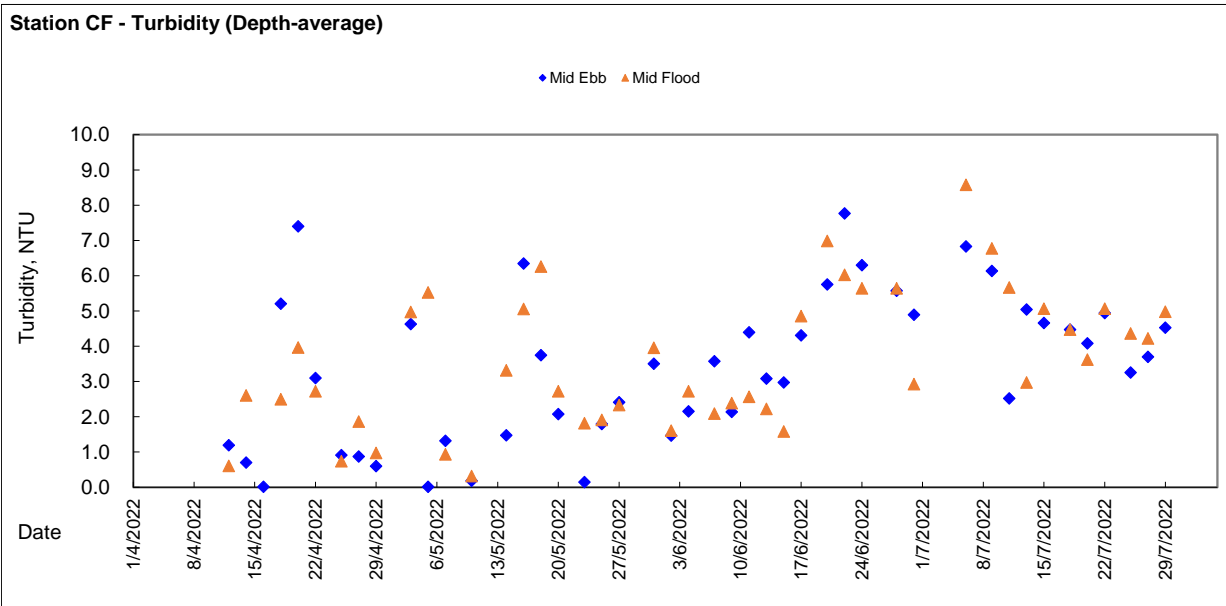
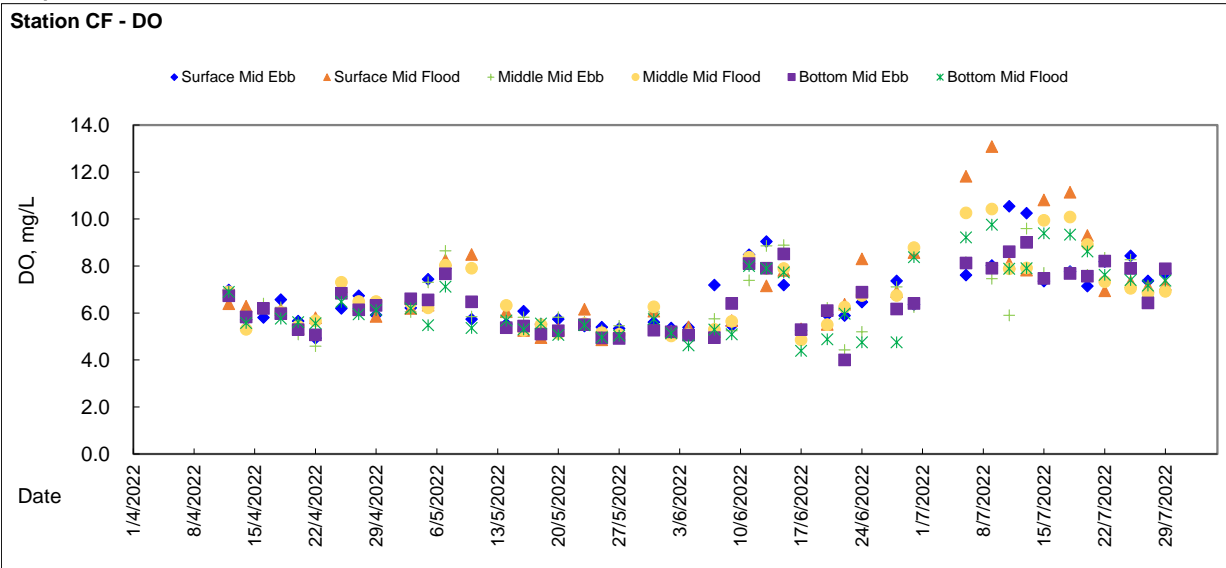


Graphic Presentation of WQM Result



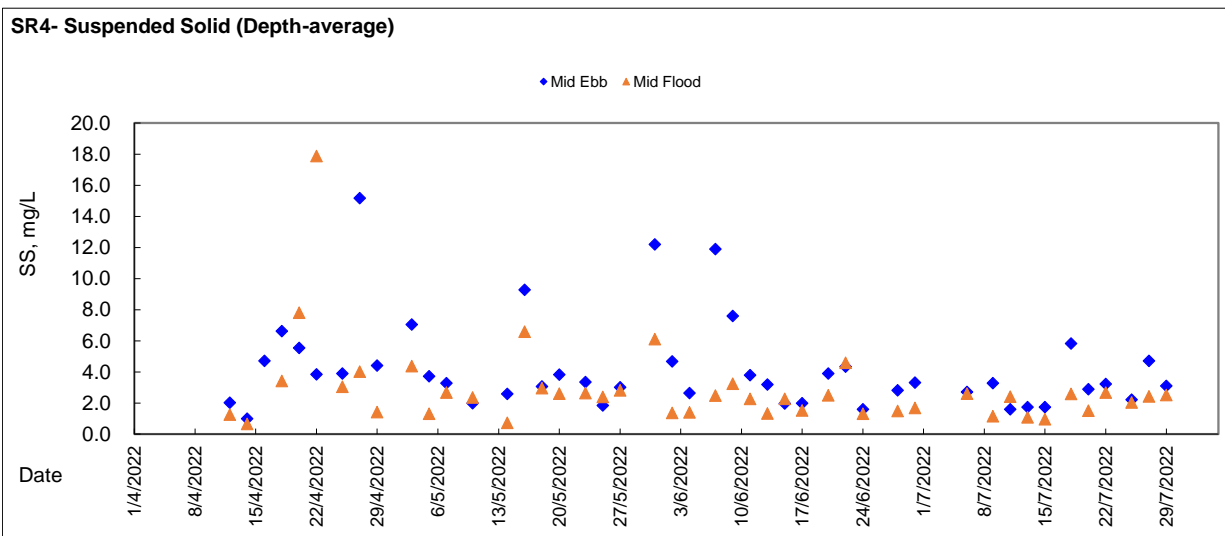
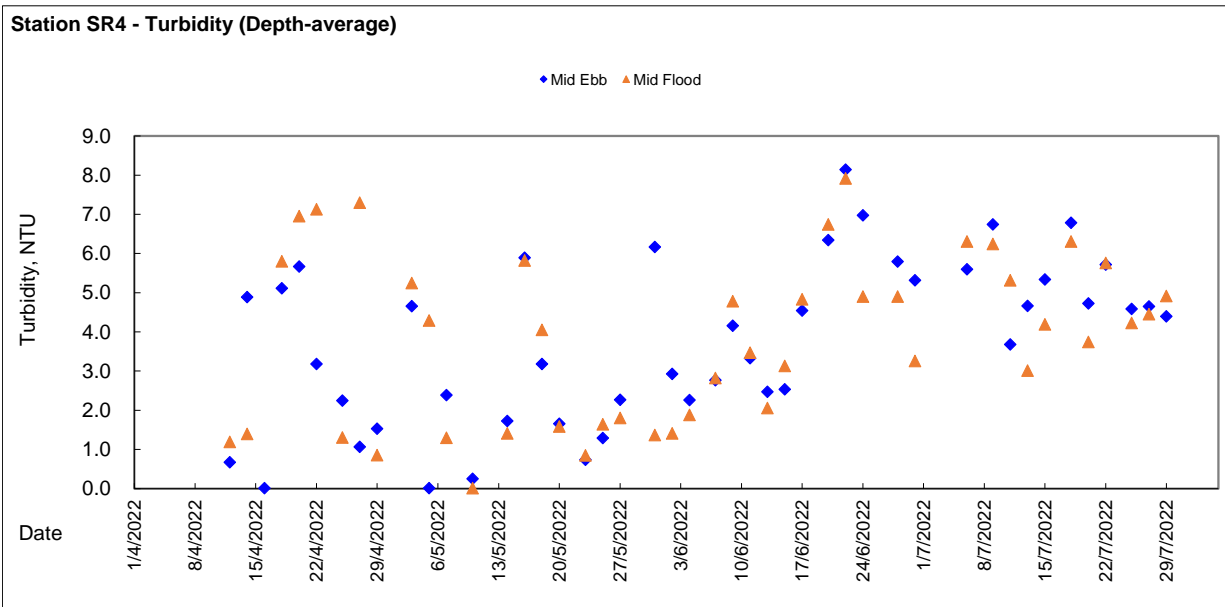
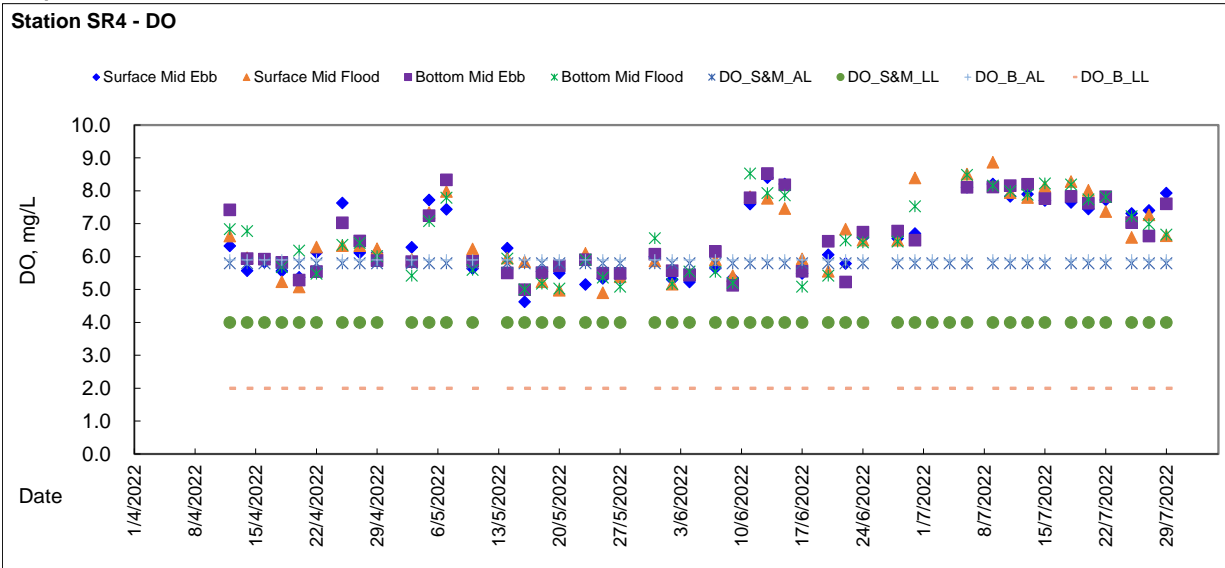


Graphic Presentation of WQM Result



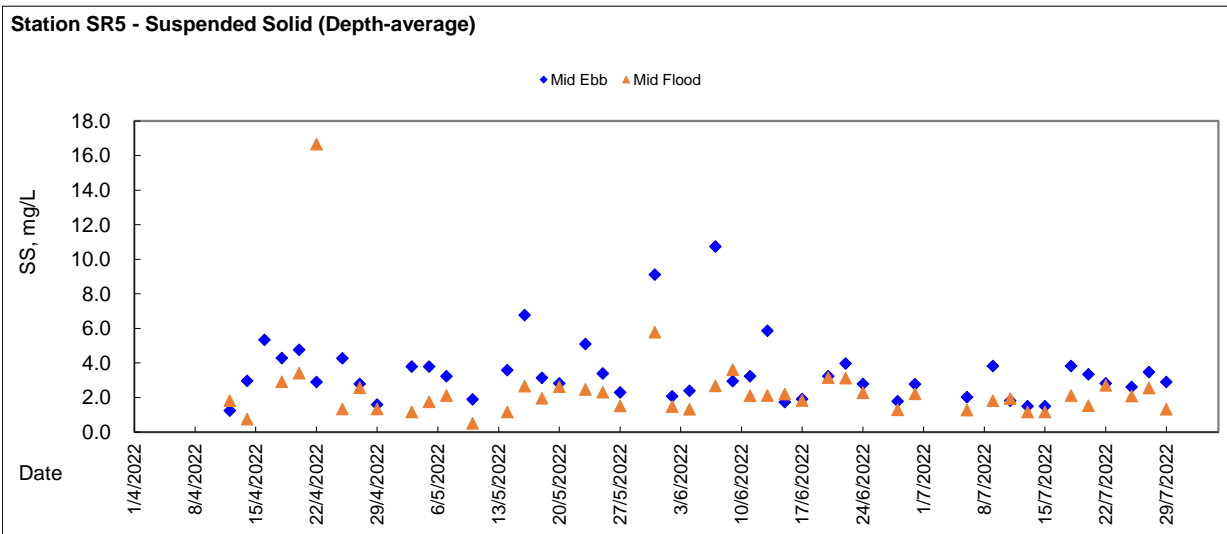
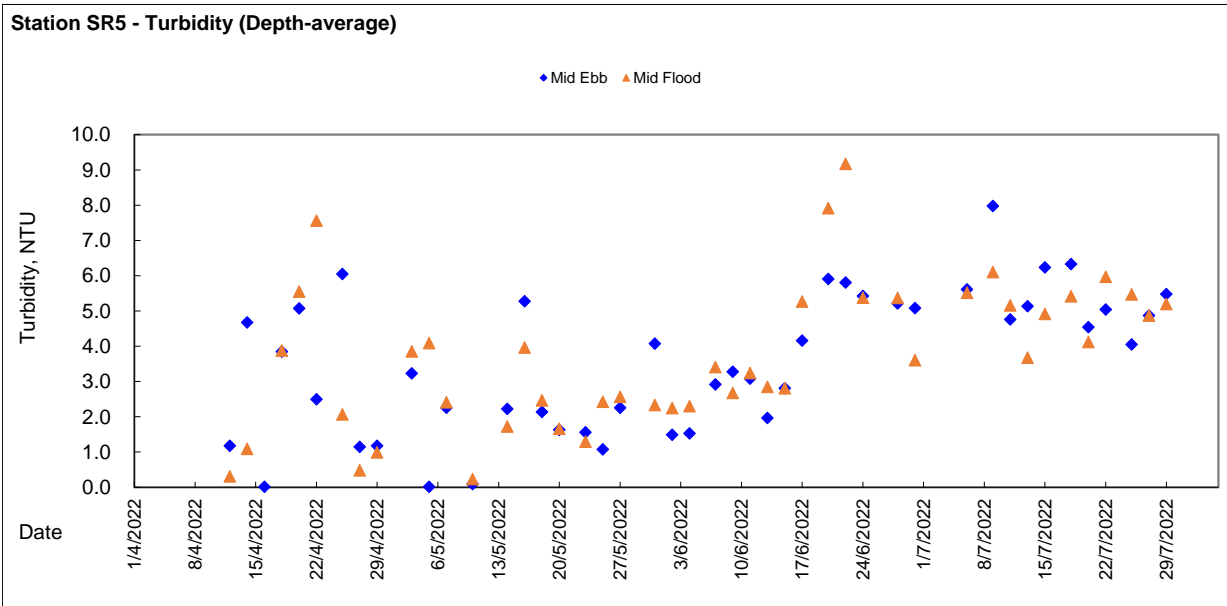
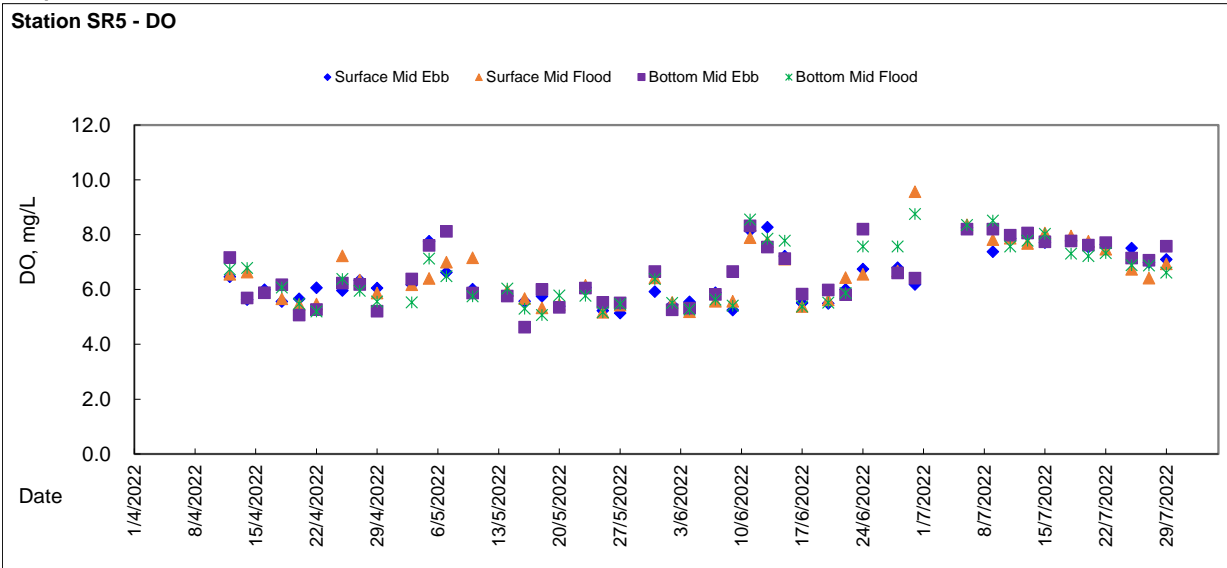


Graphic Presentation of WQM Result



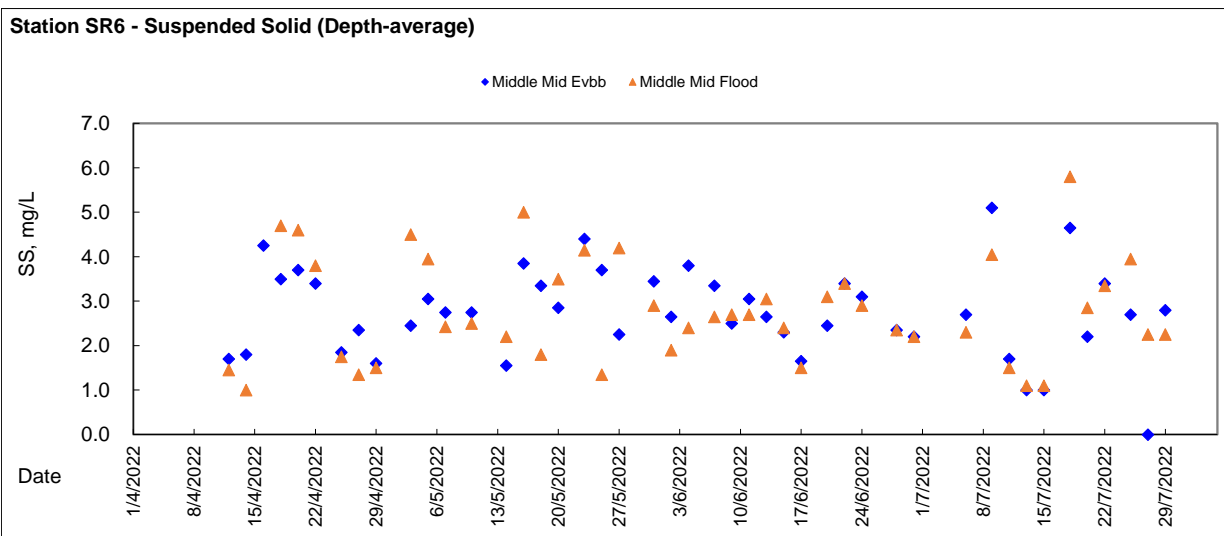
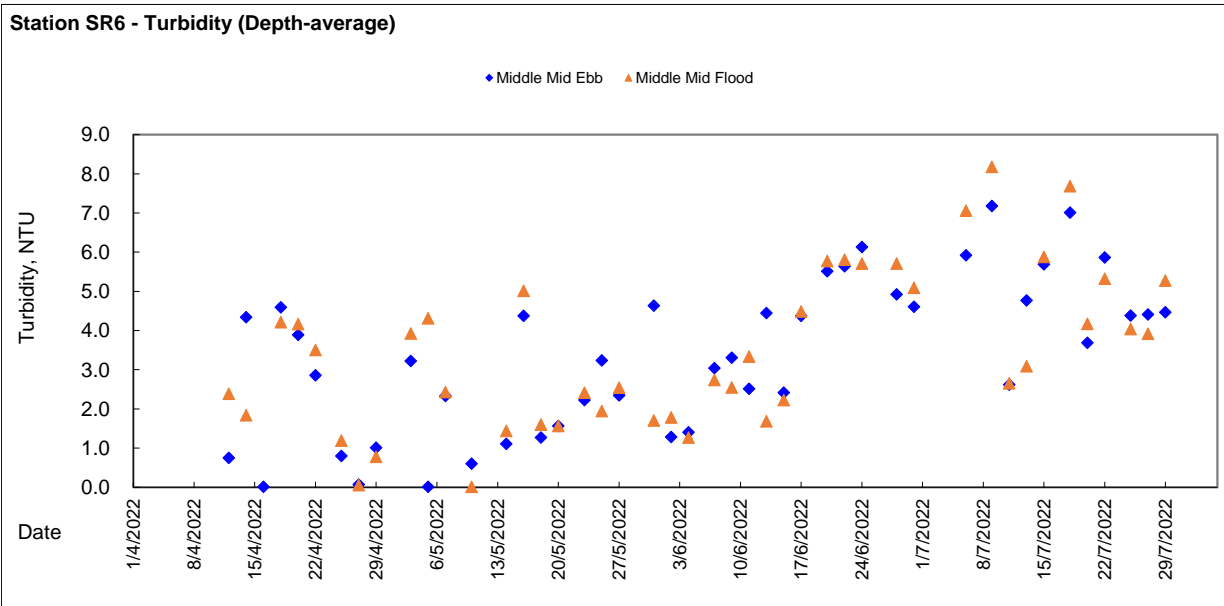
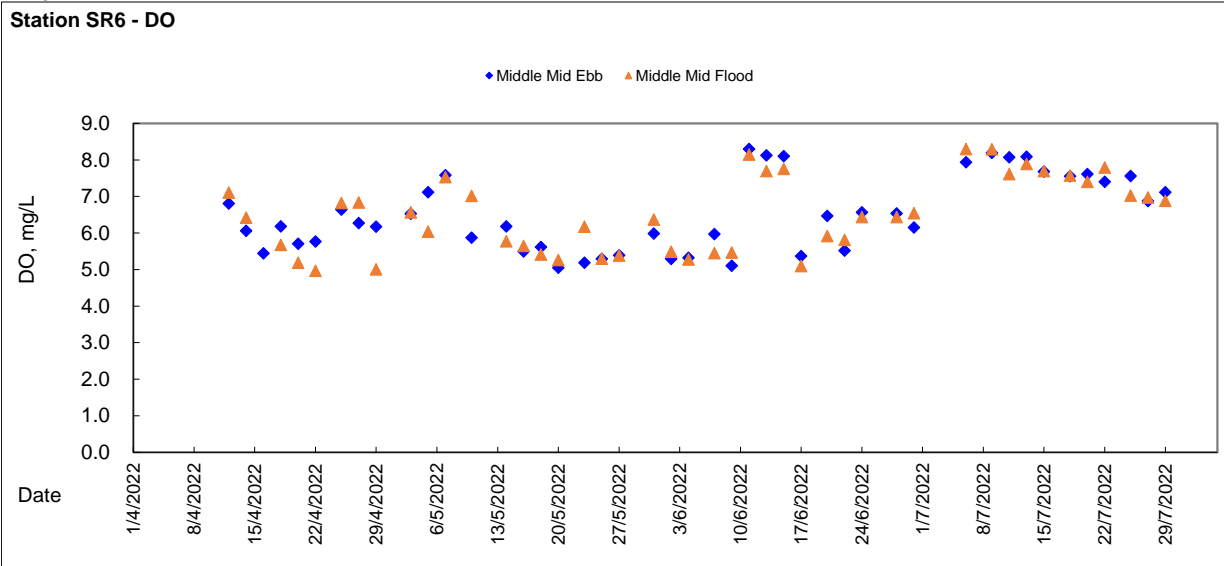


Graphic Presentation of WQM Result





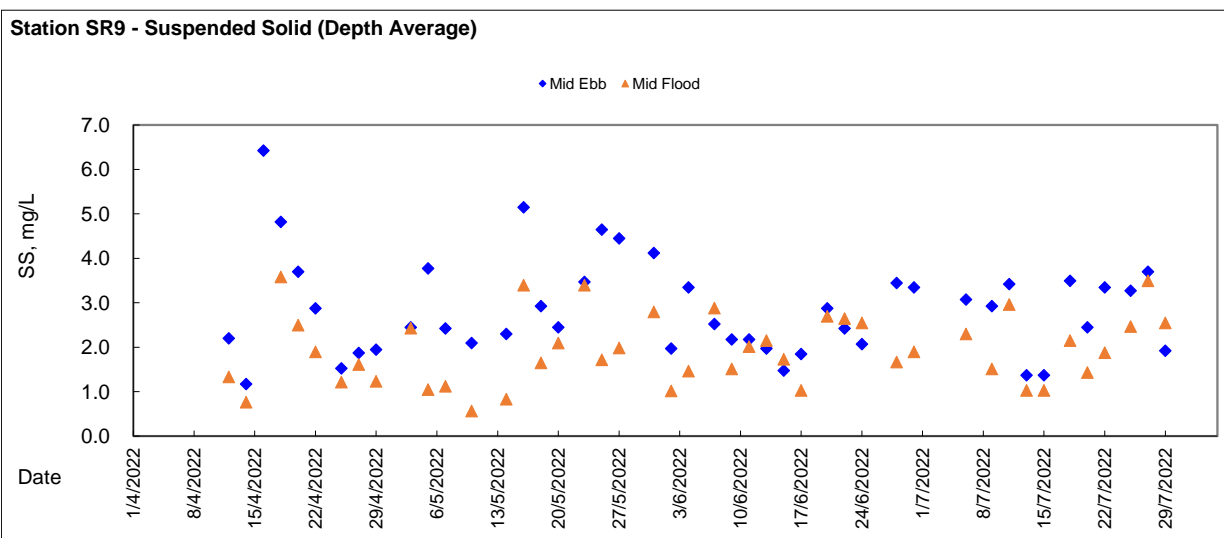
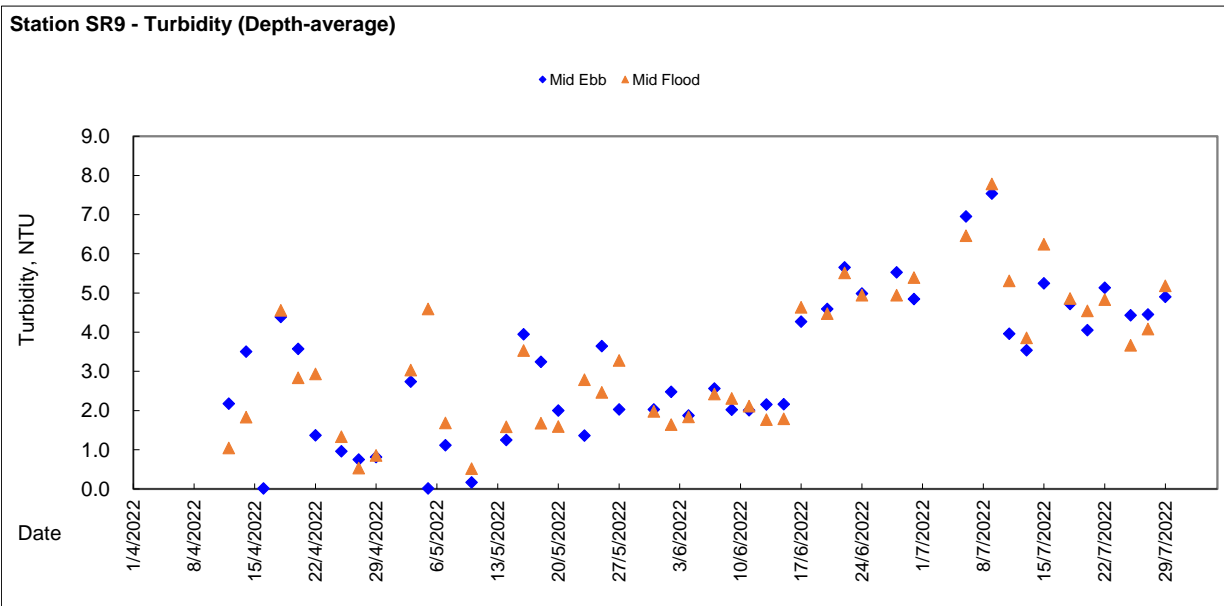
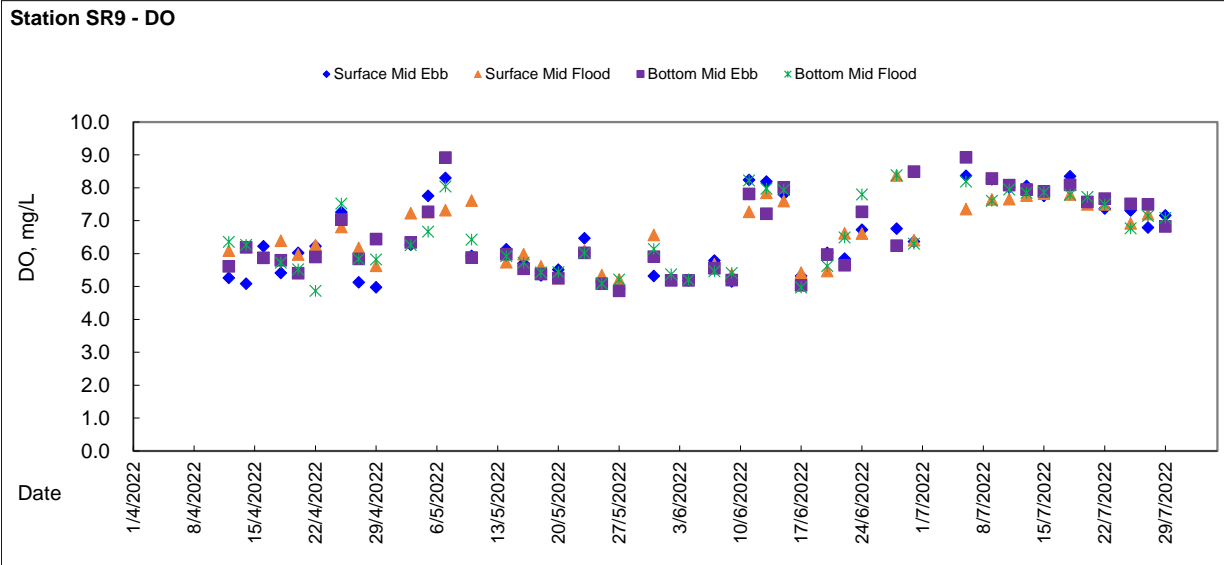
Graphic Presentation of WQM Result







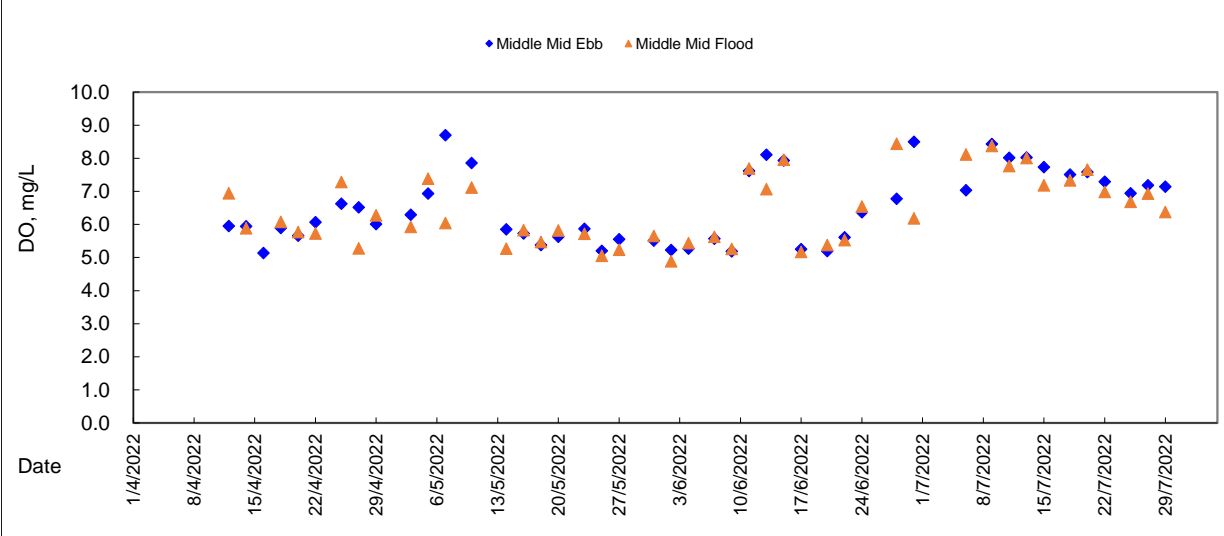
Graphic Presentation of WQM Result



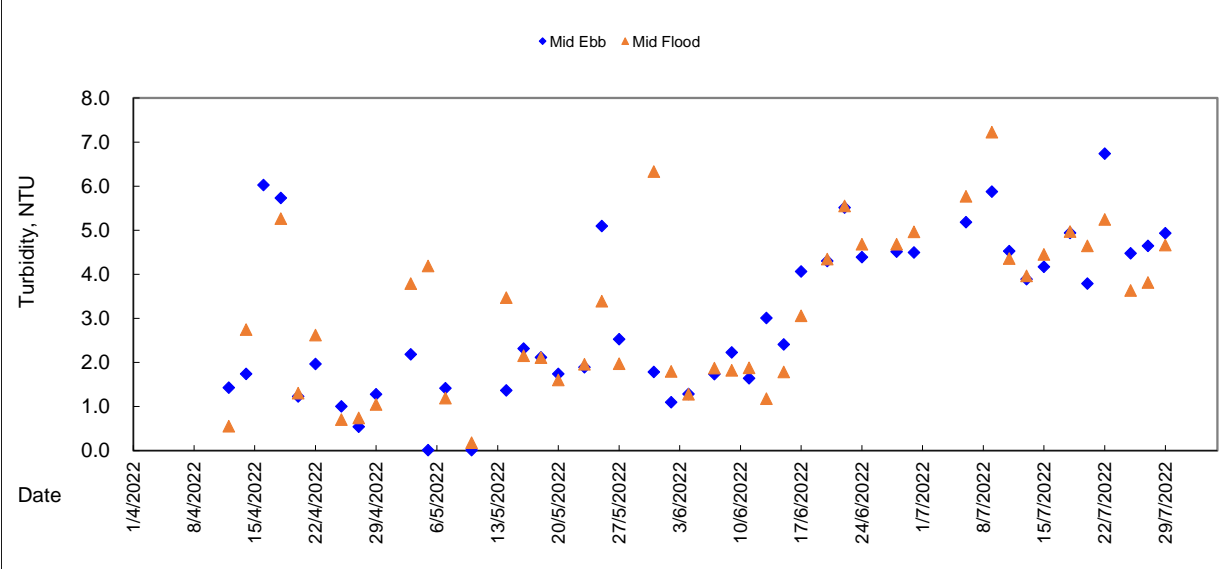


Graphic Presentation of WQM Result

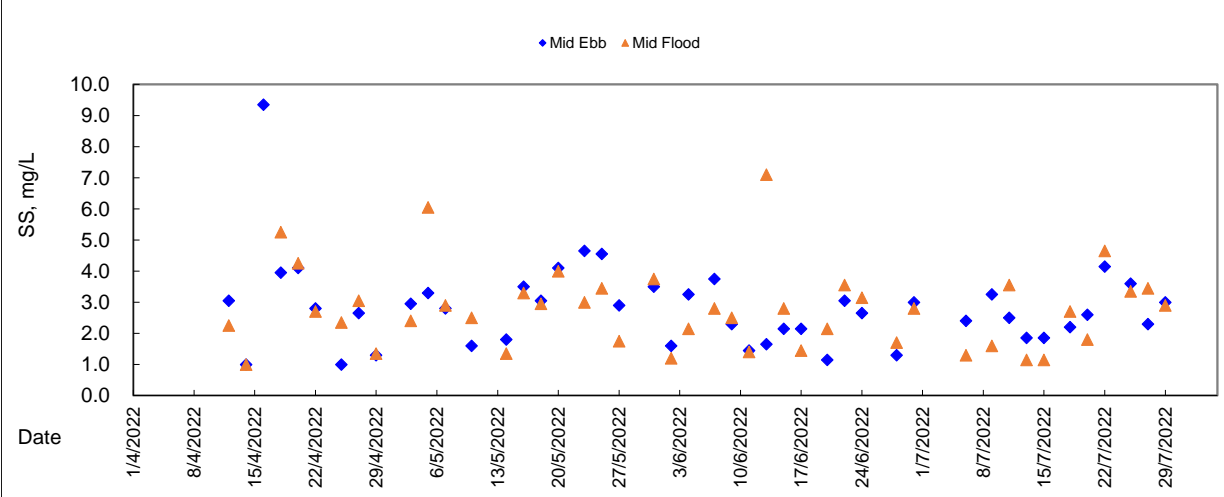
Station SR10 - DO



Station SR10 - Turbidity (Depth-average)

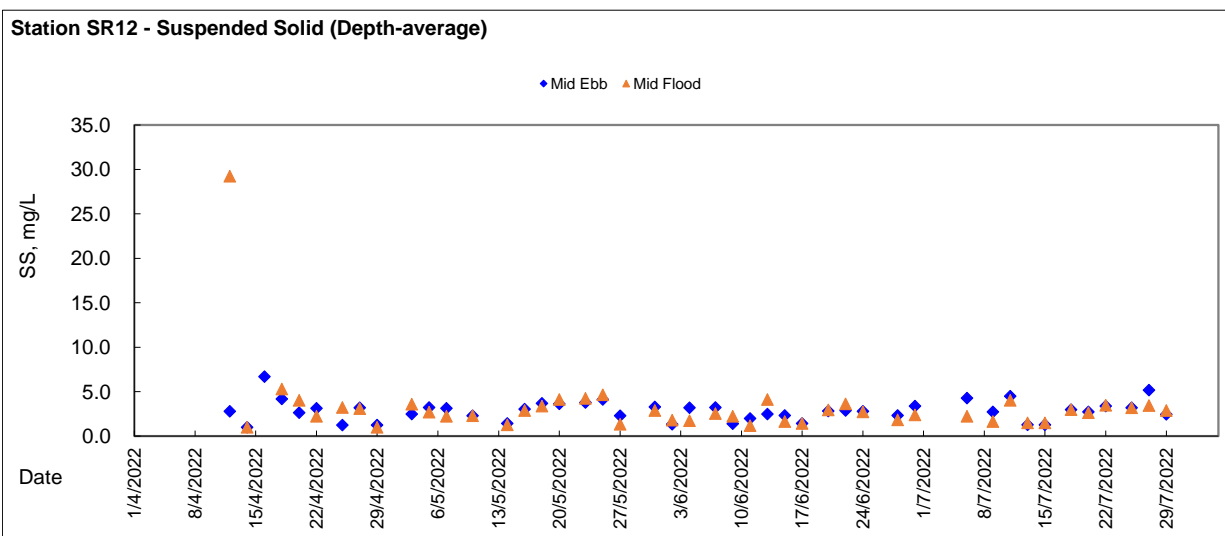
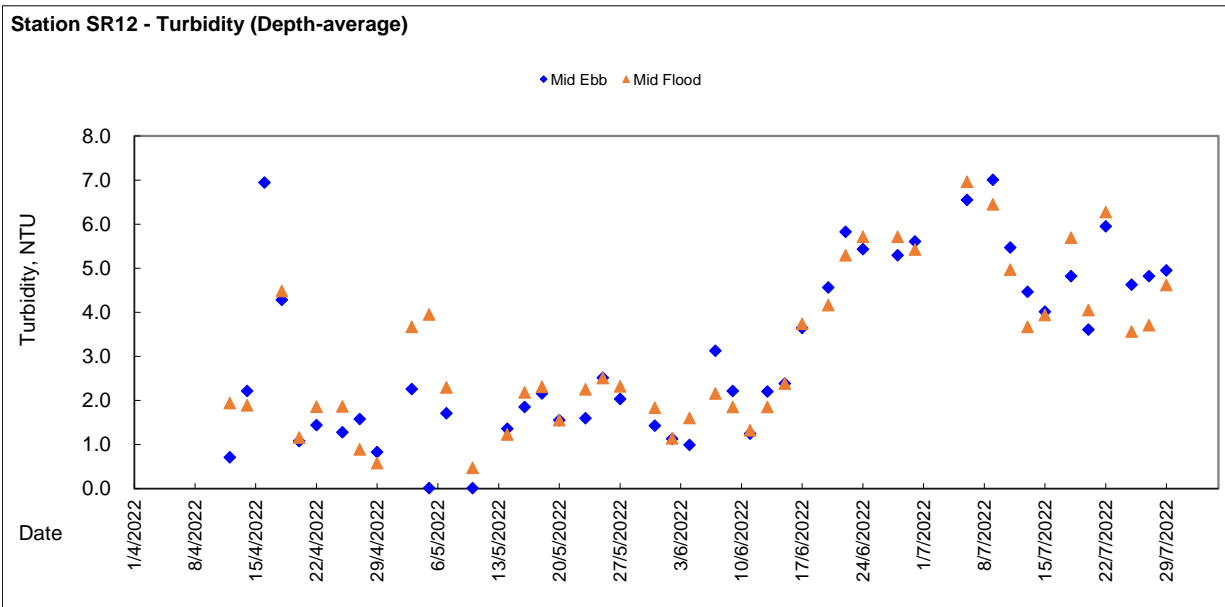
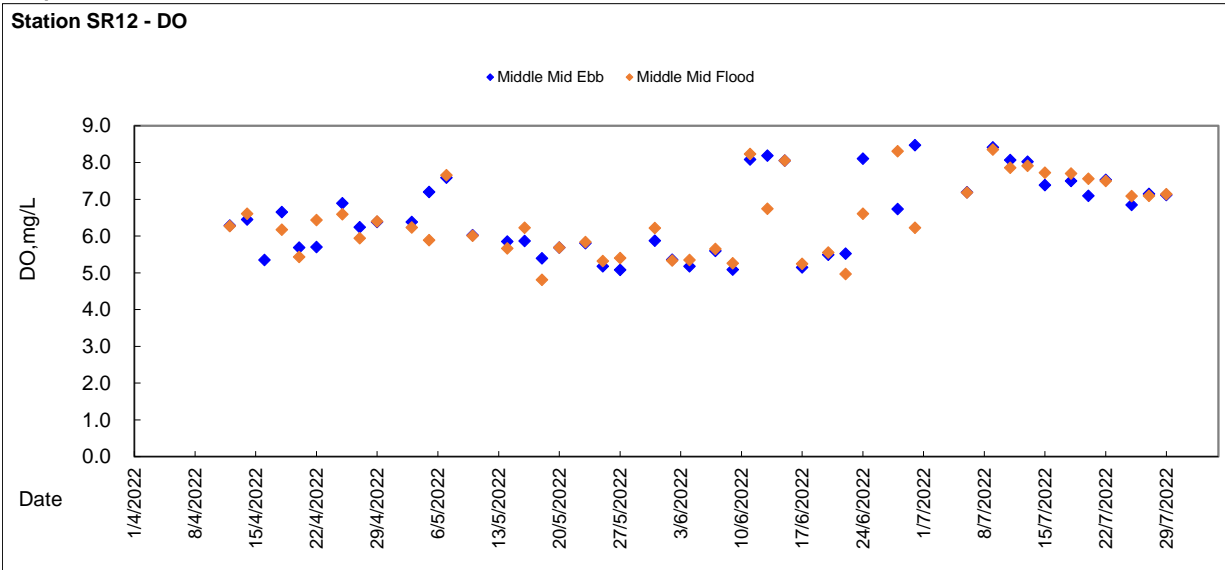


Station SR10 - Suspended Solid (Depth-average)



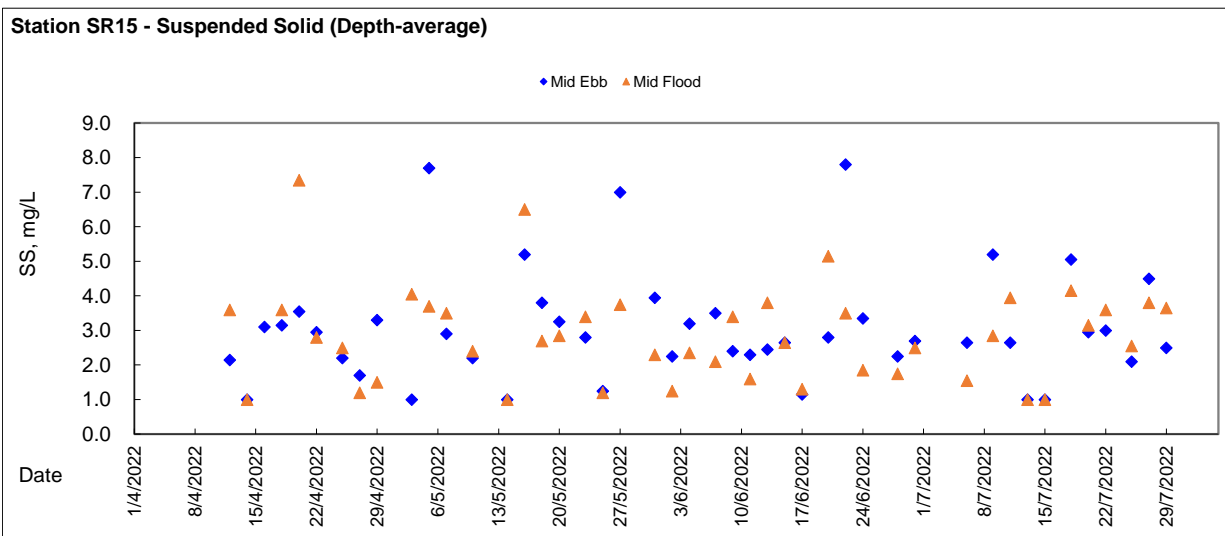
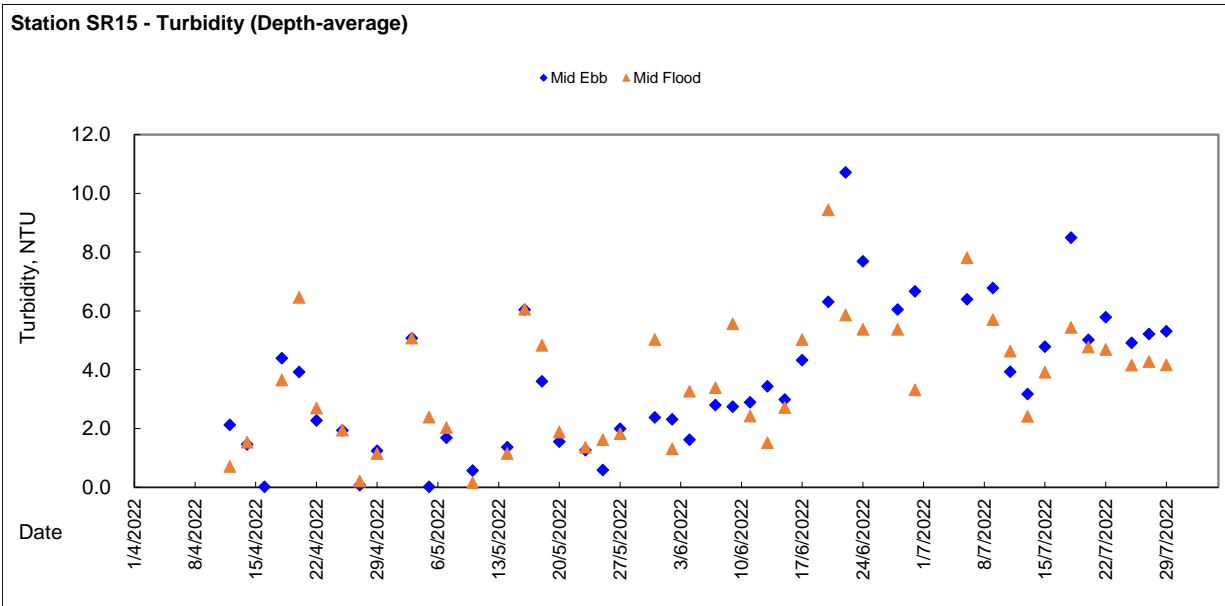
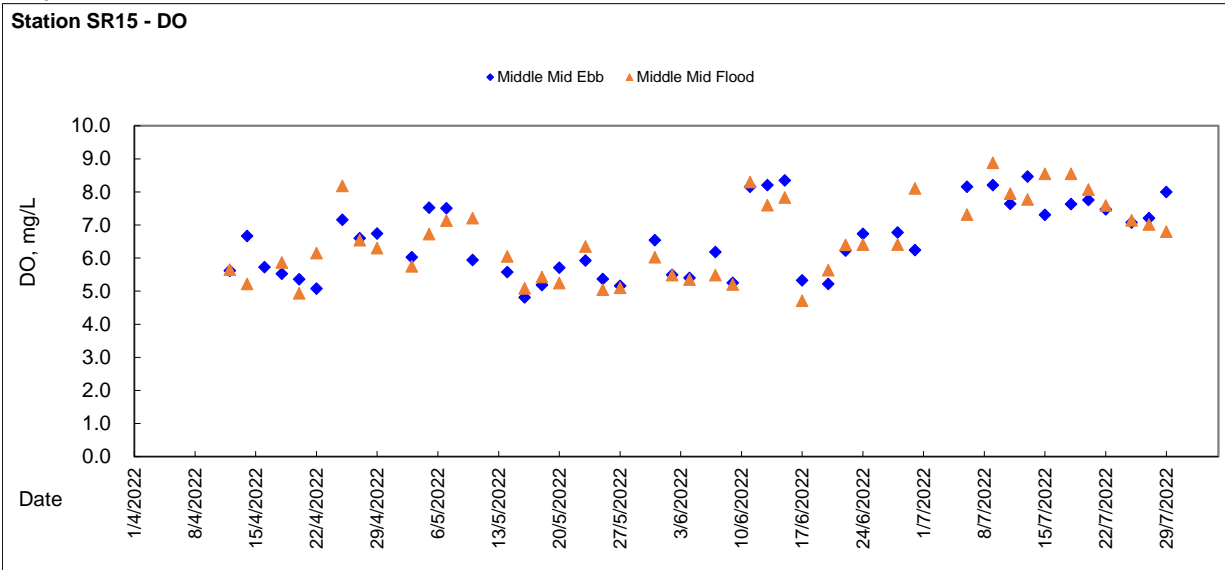


Graphic Presentation of WQM Result





Graphic Presentation of WQM Result



**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	66.30	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
			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		2.3			
	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
						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
			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	4.7
	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	24.60	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	4.4	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
						Sampling was cancelled due to adverse weather															
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
						Sampling was cancelled due to adverse weather															
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	#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	Rainstorm	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		80.50		80.50		5.73		1.10		<1.0		
	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	5.2	
			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	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	
			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	
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		
		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		
		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		
		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	
			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	
			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	
			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	
			10:44	2.6	1.3	26.28		8.81		28.92		83.10		5.70		0.01		2.6		
	12/5/2022	Rainstorm	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	
			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	
			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	
			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	
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		
		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		
		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		
		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	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	1.09	4.97	3.7	3.5		
			12:06	8.6	4.3	22.70		8.44		32.68		104.80		7.49		8.85		3.7			
	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		8.51		32.68		105.10		7.36		0.01		2.3			
	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		8.59		32.05		140.20		9.67		1.35		3.6			
	10/5/2022	Rain	12:00	8.4	4.2	25.93	25.93	8.33	8.33	28.76	28.69	86.70	86.90	5.99	6.01	0.01	0.01	1.5	1.6		
			12:02	8.4	4.2	25.92		8.32		28.61		87.10		6.02		0.01		1.7			
	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		8.30		26.21		79.60		5.71		1.19		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		8.35		29.96		77.10		5.57		2.62		6.3			
	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		8.39		31.12		981.20		5.80		1.90		4.3			
	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		8.36		30.63		83.10		5.78		3.19		3.7			
	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		8.55		29.49		87.20		6.13		1.10		3.2			
	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		8.39		30.32		71.80		5.00		3.21		2.4				
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		8.40		29.98		80.70		5.52		1.90		2.5				
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		8.44		27.86		81.60		5.57		1.31		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.

**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	4.11	3.66	2.7	2.9		
			10:18	8.5	4.3	22.30		8.39		32.94		93.80		6.73		3.20		3.0			
	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		8.46		23.65		105.60		7.44		2.19		3.0			
	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		8.56		31.95		127.80		8.84		1.28		3.0			
	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		8.29		28.45		114.10		7.90		0.01		1.9			
	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		8.22		31.94		64.90		4.52		7.29		2.7			
	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		8.37		29.65		75.60		5.48		1.63		3.1			
	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		8.37		31.06		74.20		5.32		1.69		2.4			
	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		8.36		30.63		83.10		5.78		3.19		4.0			
	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		8.55		29.27		84.40		5.94		1.12		2.2			
	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		8.34		31.34		69.90		4.86		6.77		5.4				
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		8.41		30.57		75.10		5.14		2.76		3.5				
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		8.61		23.42		89.70		6.27		1.64		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 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	24.70	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	30.36	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 m	Sampling Depth m	Temperature °C		pH		Salinity ppt		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	13:13	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 m	Sampling Depth m	Temperature °C		pH		Salinity ppt		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	9:01	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		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		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		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		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
						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
			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	4.4		
			12:20	8.4	4.2	23.70		8.47		32.91		102.70		7.20		0.01		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		
			13:19	8.2	4.1	24.90		8.61		31.91		126.50		8.65		1.39		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	2.2		
			14:12	8.3	4.2	26.14		8.46		28.79		84.20		5.79		0.44		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	1.8		
			9:16	8.5	4.3	24.30		7.81		26.16		79.30		5.71		1.17		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	5.6		
			9:09	8.6	4.3	21.90		7.85		31.50		81.50		5.95		5.90		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	3.8		
			13:22	8.8	4.4	22.50		8.41		31.54		74.30		5.36		3.21		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	3.6		
			13:17	8.6	4.3	24.90		8.44		30.95		83.80		5.82		2.09		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	3.6		
			13:22	8.8	4.4	24.40		8.41		30.60		80.60		5.66		0.01		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	2.4		
			8:34	8.7	4.4	24.60		7.56		30.09		73.20		5.13		4.82		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	2.3		
			9:04	8.7	4.4	25.90		7.70		29.96		79.30		5.44		2.41		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	4.7		
			9:02	8.6	4.3	27.20		7.77		24.00		86.40		6.00		1.67		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	
						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
			9:07	8.0	4.0	22.20		7.98		32.37		94.40		6.82		4.58		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	4.5	
			9:16	8.3	4.2	23.50		7.66		32.92		93.40		6.58		5.16		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	2.7	
			9:02	8.1	4.1	24.40		7.87		31.64		110.50		7.71		0.77		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	2.4	
			10:33	8.3	4.2	26.27		8.49		29.16		114.90		7.88		0.01		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	
			13:32	8.6	4.3	24.70		8.43		21.85		86.60		6.35		2.19		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	6.2	
			13:20	8.9	4.5	23.10		8.34		31.03		72.80		5.22		5.66		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	5.8	
			9:08	8.5	4.3	23.40		7.79		31.63		78.10		5.55		6.60		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	4.2	
			8:58	8.8	4.4	24.50		7.64		30.81		72.60		5.07		2.44		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	5.1	
			8:55	8.6	4.3	24.60		7.63		29.85		79.50		5.58		1.90		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	2.2	
			13:24	8.3	4.2	24.70		8.43		30.59		73.90		5.16		1.50		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	2.2	
			13:19	8.3	4.2	26.00		8.48		28.27		74.60		5.15		2.91		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	4.5	
			13:17	8.3	4.2	26.90		8.68		22.89		89.90		6.32		1.53		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
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 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
						Data for Station SR5 (Ebb Tide)															

General 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
						Data for Station SR5 (Flood Tide)															

General 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	2/6/2022	Rainy	12:46	4.8	3.8	27.40	27.40	8.48	8.48	23.74	23.74	75.30	5.22	5.27	1.29	1.50	2.4	2.5			
			12:48	4.8	3.8	27.40	27.40	8.48	8.48	23.73	23.74	76.70	5.31	5.27	1.70	1.70	2.6	2.5			
	4/6/2022	Cloudy	12:44	4.9	3.9	27.30	27.35	8.45	8.45	20.86	20.86	78.10	5.50	5.33	1.50	1.72	2.5	2.5			
			12:46	4.9	3.9	27.40	27.40	8.45	8.45	20.85	20.85	73.10	5.15	5.14	1.94	1.94	2.5	2.5			
	7/6/2022	Rainy	12:47	4.6	3.6	26.80	26.75	8.57	8.58	20.33	20.33	81.60	5.83	5.82	3.04	2.64	16.6	16.8			
			12:49	4.6	3.6	26.70	26.70	8.58	8.58	20.32	20.32	81.30	5.81	5.82	2.23	2.23	17.0	17.0			
	9/6/2022	Sunny	9:25	4.0	3.0	26.20	26.20	8.30	8.30	22.51	22.30	73.80	72.05	8.30	6.66	3.92	3.51	3.1	3.3		
			9:27	4.0	3.0	26.20	26.20	8.30	8.30	22.08	22.08	70.30	5.02	5.02	3.09	3.09	3.4	3.4			
	11/6/2022	Sunny	10:09	4.6	3.6	27.13	27.16	8.42	8.43	19.03	19.50	117.50	116.95	8.37	8.32	2.28	2.37	3.0	2.8		
			10:11	4.6	3.6	27.18	27.16	8.43	8.43	19.06	19.06	116.40	116.95	8.27	8.32	2.46	2.46	2.6	2.6		
	13/6/2022	Sunny	9:39	4.9	3.9	27.53	27.48	8.55	8.26	19.67	17.42	115.20	107.05	8.13	7.55	1.62	1.62	7.0	7.1		
			9:41	4.9	4.1	27.43	27.48	7.97	8.26	15.16	17.42	98.90	6.97	7.55	1.62	1.62	7.2	7.2			
	15/6/2022	Rainy	9:39	5.3	4.1	27.26	27.25	8.79	8.81	21.18	21.21	114.10	101.20	8.04	7.13	2.46	2.47	2.1	2.3		
			9:41	5.1	4.1	27.24	27.25	8.82	8.81	21.24	21.21	88.30	6.22	7.13	2.48	2.47	2.4	2.4			
	17/6/2022	Sunny	12:47	5.3	4.3	26.90	26.90	8.06	8.06	22.62	22.76	78.50	82.90	5.52	5.83	4.35	3.69	2.2	2.2		
			12:49	5.3	4.3	26.90	26.90	8.06	8.06	22.62	22.76	87.30	82.90	5.52	5.83	3.03	3.03	2.1	2.1		
	20/6/2022	Sunny	12:43	5.3	4.3	27.20	27.20	8.24	8.25	18.73	18.77	83.60	83.80	5.97	5.99	5.67	5.67	3.2	4.0		
			12:45	5.3	4.3	27.20	27.20	8.25	8.25	18.80	18.77	84.00	83.80	6.00	5.99	5.66	5.66	4.1	4.0		
	22/6/2022	Sunny	9:01	3.9	2.9	27.20	27.20	7.95	7.97	17.25	17.24	81.20	81.35	5.81	5.81	5.94	5.81	4.8	4.7		
			9:03	3.9	2.9	27.20	27.20	7.99	7.97	17.22	17.24	81.50	81.35	5.81	5.81	5.67	5.67	4.6	4.7		
	24/6/2022	Sunny	9:06	4.2	3.2	27.50	27.55	8.16	8.18	22.74	22.57	116.30	115.15	8.51	8.20	5.15	5.29	3.2	3.1		
			9:08	4.2	3.2	27.60	27.55	8.19	8.18	22.40	22.57	114.00	115.15	7.89	8.20	5.43	5.43	3.0	3.1		
	28/6/2022	Sunny	9:30	4.6	3.6	28.60	28.60	8.20	8.23	20.20	19.51	97.80	95.50	6.75	6.81	6.09	5.96	1.9	1.9		
			9:32	4.6	3.6	28.60	28.60	8.25	8.23	18.82	18.82	93.20	95.50	6.46	6.81	5.82	5.82	1.9	1.9		
	30/6/2022	Sunny	9:25	5.0	4.0	27.90	27.90	8.39	8.40	18.00	18.00	89.10	91.50	6.26	6.42	4.97	4.99	2.4	2.4		
			9:27	5.0	4.0	27.90	27.90	8.41	8.40	18.00	18.00	93.90	91.50	6.58	6.42	5.01	4.99	2.3	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 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	2/6/2022	Rainy	9:10	4.4	3.4	26.90	26.85	8.34	8.35	24.11	24.48	78.90	79.20	5.50	5.52	2.54	2.42	2.3	2.2		
			9:12	4.4	3.4	26.80	26.85	8.36	8.35	24.85	24.48	79.50	79.20	5.53	5.52	2.29	2.42	2.1	2.2		
	4/6/2022	Cloudy	9:08	4.6	3.6	27.50	27.45	8.32	8.32	21.24	21.24	75.60	75.00	5.31	5.27	2.69	3.23	2.5	2.4		
			9:10	4.6	3.6	27.40	27.45	8.32	8.32	21.23	21.24	74.40	75.00	5.23	5.27	3.77	3.77	2.2	2.4		
	7/6/2022	Rainy	9:29	4.4	3.4	26.80	26.85	8.35	8.37	21.05	20.59	79.40	79.15	5.64	5.64	2.81	3.31	5.0	4.9		
			9:31	4.4	3.4	26.90	26.85	8.38	8.37	20.13	20.59	78.90	79.15	5.63	5.64	4.12	3.31	4.8	4.8		
	9/6/2022	Sunny	12:46	4.3	3.3	25.90	25.90	8.48	8.49	19.66	19.72	77.20	74.45	5.62	5.42	2.66	2.97	7.2	7.0		
			12:48	4.3	3.3	25.90	25.90	8.49	8.49	19.77	19.72	71.70	74.45	5.21	5.42	3.28	2.97	6.8	6.8		
	11/6/2022	Sunny	12:44	3.7	2.7	27.27	27.29	7.63	7.59	9.11	8.88	114.80	115.50	8.56	8.55	2.61	2.88	3.4	3.7		
			12:46	3.7	2.7	27.31	27.29	7.54	7.59	8.65	8.88	116.20	115.50	8.54	8.55	3.14	2.88	3.9	3.7		
	13/6/2022	Sunny	12:53	4.4	3.4	28.48	28.43	8.78	8.83	19.16	19.27	112.60	112.55	7.86	7.86	4.07	2.66	3.0	2.8		
			12:55	4.4	3.4	28.38	28.43	8.87	8.83	19.38	19.27	112.50	112.55	7.89	7.86	1.24	2.66	2.6	2.6		
	15/6/2022	Rainy	12:50	4.8	3.8	27.60	27.59	8.66	8.67	22.29	22.36	110.30	111.40	7.73	7.78	2.62	2.70	3.1	3.0		
			12:52	4.8	3.8	27.58	27.59	8.67	8.67	22.43	22.36	112.50	111.40	7.83	7.78	2.77	2.77	2.8	3.0		
	17/6/2022	Sunny	10:03	5.0	4.0	26.70	26.70	7.76	7.75	24.33	23.89	73.70	76.70	5.16	5.38	5.51	5.26	2.6	2.5		
			10:05	5.0	4.0	26.70	26.70	7.73	7.75	23.44	23.89	79.70	76.70	5.60	5.38	5.01	5.26	2.4	2.5		
	20/6/2022	Sunny	9:15	4.1	3.1	26.60	26.60	7.84	7.85	21.26	21.30	78.70	77.55	5.61	5.53	8.27	8.44	6.2	6.4		
			9:17	4.1	3.1	26.60	26.60	7.86	7.85	21.33	21.30	76.40	77.55	5.44	5.53	8.60	8.44	6.6	6.4		
	22/6/2022	Sunny	12:51	3.8	2.8	27.20	27.20	8.26	8.24	21.46	21.46	85.00	85.95	5.85	5.88	11.93	11.67	6.2	6.0		
			12:53	3.8	2.8	27.20	27.20	8.22	8.24	21.46	21.46	86.90	85.95	5.90	5.88	11.41	11.67	5.8	6.0		
	24/6/2022	Sunny	12:43	3.9	2.9	28.30	28.30	8.37	8.39	20.96	20.96	111.80	106.10	7.76	7.57	5.51	5.66	4.0	3.9		
			12:45	3.9	2.9	28.30	28.30	8.41	8.39	20.95	20.96	100.40	106.10	7.38	7.57	5.80	5.66	3.7	3.9		
	28/6/2022	Sunny	12:42	3.9	2.9	28.30	28.30	8.37	8.39	20.96	20.96	111.80	109.10	7.76	7.57	5.51	5.66	2.2	2.1		
			12:44	3.9	2.9	28.30	28.30	8.41	8.39	20.95	20.96	106.40	109.10	7.38	7.57	5.80	5.66	2.0	2.1		
	30/6/2022	Sunny	12:42	4.9	3.9	28.59	28.56	9.17	9.17	6.82	11.72	124.50	124.00	8.78	8.76	3.46	3.47	4.0	3.9		
			12:44	4.9	3.9	28.52	28.56	9.17	9.17	6.61	11.72	123.50	124.00	8.73	8.76	3.48	3.47	3.8	3.9		

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





## Impact Water Quality Monitoring at Station 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		85.30		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	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	8.27	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		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	6.25	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		8.46		24.75		75.80		5.19		0.96		1.5			
	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		8.42		21.49		77.00		5.33		1.32		3.4			
	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		8.56		20.46		77.70		5.55		1.68		3.6			
	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		8.39		22.03		72.80		5.20		2.01		2.2			
	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		8.07		15.01		104.80		7.62		1.46		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		8.06		11.44		114.20		8.35		2.18		1.8			
	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		8.87		18.91		112.40		8.00		2.52		2.1			
	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		8.00		23.76		73.20		5.09		4.23		2.0			
	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		8.13		19.89		75.30		5.27		4.10		1.1			
	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		8.18		19.08		79.90		5.62		5.47		2.9			
	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		8.35		17.26		90.60		6.13		4.39		2.8			
	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		8.36		18.83		98.70		6.71		4.50		1.4			
	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		8.50		16.90		86.40		6.50		4.49		2.9			

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



## Impact Water Quality Monitoring at Station 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		8.41		24.44		69.30		4.81		1.26		1.1			
	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		8.37		21.41		77.80		5.45		1.25		2.3			
	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		8.40		23.60		79.80		5.59		3.35		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		8.49		19.74		73.20		5.30		1.64		2.4			
	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		7.77		12.78		100.00		7.28		1.92		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		8.79		20.00		111.70		7.61		1.02		6.9			
	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	7.96	7.96	1.58	1.78	2.9	2.8		
			12:16	2.4	1.2	28.10		8.85		21.26		114.70		7.97		1.98		2.7			
	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		7.89		23.75		75.30		5.27		2.91		1.6			
	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		8.06		19.85		77.40		5.52		4.26		2.1			
	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		8.19		19.13		81.10		5.49		5.54		3.7			
	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		8.44		19.18		92.40		6.33		4.73		3.0			
	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		6.33		19.18		92.40		8.44		4.73		1.8			
	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	2.9	1.4	29.80		8.46		16.39		86.60		6.05		5.01		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
						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
4/6/2022	Cloudy	12:12	2.9	1.4	27.70	28.20	8.43	8.43	24.96	21.45	78.80	74.65	5.26	5.18	0.97	0.99	1.2	3.0			
		12:14	2.9	1.5	28.30		8.42		21.49		71.30		4.95		0.71		3.4				
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		8.52		22.16		79.30		5.58		2.89		3.1				
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		8.39		21.39		70.80		5.00		1.41		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		8.52		20.97		114.50		8.05		1.15		2.4				
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		7.94		9.88		114.70		8.41		1.93		2.6				
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		8.78		21.98		114.70		8.00		1.81		2.3				
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		7.98		23.61		79.80		5.07		3.43		1.3				
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	3.0	2.9			
		12:11	2.9	1.5	28.00		8.15		19.95		79.00		5.53		4.39		3.0				
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		8.19		18.78		78.00		5.50		5.70		3.2				
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		8.43		20.64		116.80		8.08		5.31		2.6				
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		8.37		19.05		98.50		6.80		5.43		2.3				
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		8.48		17.05		88.50		8.48		5.68		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 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
						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
4/6/2022	Cloudy	9:57	2.7	1.4	26.90	27.60	8.41	8.37	25.24	22.06	77.50	76.75	5.38	5.35	1.24	1.60	1.9	1.8			
		9:44	2.6	1.3	27.60		8.36		22.07		77.40		5.40		1.53		1.7				
7/6/2022	Rainy	9:46	2.6	1.3	27.60	26.95	8.37	8.49	22.04	20.84	76.10	79.70	5.30	5.65	1.67	2.02	1.8	2.6			
		10:05	2.9	1.5	26.90		8.49		20.85		79.60		5.64		2.03		2.16				
9/6/2022	Sunny	10:07	2.9	1.5	27.00	25.55	8.49	8.39	20.85	23.03	79.60	73.20	5.64	5.26	2.03	1.71	2.5	2.3			
		12:10	2.6	1.3	25.60		8.38		22.96		73.90		5.30		1.99		2.1				
11/6/2022	Sunny	12:12	2.6	1.3	25.50	27.92	8.40	8.17	22.96	18.32	72.50	117.70	5.21	8.23	1.99	1.32	2.4	1.2			
		12:09	2.7	1.4	27.73		8.52		22.97		117.70		8.14		1.37		1.2				
13/6/2022	Sunny	12:11	2.7	1.4	28.10	28.88	7.82	8.79	13.66	20.49	118.20	100.85	8.32	6.74	1.27	1.85	4.3	4.2			
		12:11	2.7	1.4	28.88		8.82		20.57		88.70		6.10		1.85		4.0				
15/6/2022	Rainy	12:13	2.7	1.4	28.88	27.56	8.76	8.75	20.41	21.91	113.00	115.30	7.38	8.05	1.85	2.38	4.0	1.7			
		12:10	2.6	1.3	27.51		8.71		21.83		115.90		8.10		2.95		1.6				
17/6/2022	Sunny	12:12	2.6	1.3	27.60	26.60	8.78	7.91	21.98	23.99	114.70	74.80	8.00	5.25	1.81	4.03	1.7	1.5			
		10:43	2.9	1.5	26.60		7.90		24.01		75.10		5.27		3.45		1.6				
20/6/2022	Sunny	10:45	2.9	1.5	26.60	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		8.09		20.01		78.20		5.58		4.06		3.1				
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		8.18		19.47		74.50		4.96		5.24		4.0				
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		8.37		20.44		93.10		6.43		5.63		2.6				
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		6.43		20.44		93.10		8.37		5.63		1.8				
30/6/2022	Sunny	12:11	2.9	1.5	30.10	30.05	8.46	8.47	16.99	17.01	88.40	89.30	6.26	6.23	5.54	5.43	2.3	2.4			
		12:13	2.9	1.5	30.00		8.40		17.03		89.20		6.19		5.31		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
						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	2.47
4/6/2022	Cloudy	13:01	2.7	1.4	27.50		8.50		23.42		79.90		5.54		2.14		2.2				
		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			
7/6/2022	Rainy	12:54	2.8	1.4	27.60		8.45		20.30		76.90		5.41		1.64		3.4				
		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			
9/6/2022	Sunny	13:02	2.6	1.3	26.40		8.59		21.14		84.70		6.05		2.41		3.6				
		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			
11/6/2022	Sunny	9:10	2.5	1.3	26.20		8.11		22.12		74.20		5.29		2.03		2.3				
		9:24	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			
13/6/2022	Sunny	9:24	2.8	1.4	27.52		8.33		19.40		111.00		7.88		3.79		2.3				
		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			
15/6/2022	Rainy	9:18	2.9	1.5	26.12		8.76		21.81		118.30		8.32		2.86		2.8				
		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			
17/6/2022	Sunny	13:01	2.9	1.5	26.90		8.07		21.16		75.40		5.39		4.11		1.1				
		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			
20/6/2022	Sunny	12:56	2.9	1.5	27.10		8.28		17.37		84.00		5.21		6.51		3.0				
		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			
22/6/2022	Sunny	8:39	2.9	1.5	27.70		7.45		21.95		77.80		6.17		10.77		7.6				
		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			
24/6/2022	Sunny	8:43	2.7	1.4	27.70		7.73		22.44		96.90		6.66		7.65		3.5				
		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			
28/6/2022	Sunny	9:02	2.9	1.5	28.30		7.80		18.88		99.40		6.82		6.00		2.2				
		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			
30/6/2022	Sunny	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	
						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	5.36	5.49
4/6/2022	Cloudy	8:48	2.5	1.3	26.70		8.18		22.31		79.40		5.62		1.17		1.3			
		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		
7/6/2022	Rainy	8:51	2.6	1.3	26.80		8.05		20.15		75.00		5.36		3.27		2.2			
		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		
9/6/2022	Sunny	9:19	2.4	1.2	26.80		8.15		19.33		77.80		5.58		3.69		1.4			
		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		
11/6/2022	Sunny	12:58	2.7	1.4	25.90		8.43		22.22		72.60		5.20		4.72		3.2			
		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		
13/6/2022	Sunny	12:55	2.8	1.4	27.20		8.27		7.86		114.50		8.59		2.57		1.6			
		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		
15/6/2022	Rainy	13:06	2.9	1.5	28.32		8.74		18.24		111.80		7.86		1.51		4.0			
		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		
17/6/2022	Sunny	13:05	2.9	1.5	27.79		8.71		21.44		112.10		7.81		2.80		2.8			
		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		
20/6/2022	Sunny	9:42	2.9	1.5	26.30		7.54		22.73		62.40		4.43		5.03		1.4			
		8:54	2.8	1.4	26.90	26.90	7.81	7.65	18.63	18.61	78.70	78.45	5.86	5.64	9.85	9.44	5.2	5.2		
22/6/2022	Sunny	8:56	2.8	1.4	26.90		7.88		18.58		78.20		5.82		9.03		5.1			
		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		
24/6/2022	Sunny	13:04	2.6	1.3	28.60		8.40		16.05		93.80		6.59		5.76		3.0			
		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		
28/6/2022	Sunny	12:56	2.6	1.3	30.00		8.43		17.38		94.00		6.45		5.44		1.9			
		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		
30/6/2022	Sunny	12:57	2.6	1.3	30.00		8.43		17.38		94.00		6.45		5.44		1.7			
		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		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		8.40		27.17		26.56		76.30		5.21		2.42	1.6		
			12:03	8.7	1.0	27.10		8.42	8.42	21.55		21.69		77.90		5.49		0.92	1.8	1.9	
	4/6/2022	Cloudy	12:05	8.7	1.0	27.10		8.42	8.42	21.69	21.62	76.30	77.10	5.38	5.44	1.31	1.12	1.9	1.9		
			12:00	8.7	1.0	26.90		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		8.47		22.60		79.30		5.56		2.44		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		8.38		23.32		73.80		5.29		1.84		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		8.23		17.90		112.60		8.05	1.35			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		8.09		16.72		116.00		8.03	2.05			1.8			
	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		8.86		19.62		112.20		7.96		1.85		<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		7.97		26.63		76.70		5.39		3.37		2.8			
			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		8.14		20.38		76.60		5.42		4.46		2.6			
	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	3.4	3.6		
			9:55	8.4	1.0	27.50		8.23		18.23		87.90		6.26		5.96		3.4			
			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		8.41		19.17		101.90		6.92		6.19		2.5			
			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		8.37		17.46		92.60		6.43		5.41		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	8.44	8.46	4.62	4.63	3.1	3.1			
		10:17	8.8	1.0	28.20		8.47		17.12		86.20		8.47		4.63		3.0				
		10:17	8.8	1.0	28.20		8.47		17.12		86.20		8.47		4.63		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 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		8.45		24.25		74.50		5.16		1.12		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		8.39		21.39		73.70		5.19		1.23		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		8.49		20.99		79.80		5.63		2.14		1.8	
			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
	9/6/2022	Sunny	12:02	8.5	1.0	26.20		8.33		25.25		76.20		5.34		1.79		2.8	
			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
			12:11	8.7	1.0	27.41		8.05		14.29		120.70		8.81		1.01		1.4	
	13/6/2022	Sunny	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		8.76		23.96		119.20		8.16		2.52		3.4	
			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
	15/6/2022	Rainy	12:02	8.5	1.0	27.15		8.61		23.74		99.10		6.89		1.99		1.3	
			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
			10:56	9.3	1.0	27.10		7.95		23.52		73.60		5.13		4.74		1.2	
	20/6/2022	Sunny	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		8.10		20.61		80.10		5.72		4.43		3.0	
			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
	22/6/2022	Sunny	12:02	8.5	1.0	26.90		8.16		22.08		93.60		6.58		4.91		5.1	
			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
			12:02	8.5	1.0	27.00		8.22		23.94		104.60		7.15		6.61		2.5	
	24/6/2022	Sunny	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		7.15		23.94		104.60		8.22		6.61		2.9	
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	
30/6/2022	Sunny	12:02	8.7	1.0	28.00		8.51		17.27		88.70		6.32		4.45		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 (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	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		
			12:05	8.5	4.4	26.40		8.37		27.53		76.80		5.30		2.77		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
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	1.55	1.37	2.5	2.7
			9:58	8.5	4.3	25.90		8.39		21.46		72.70		5.14		1.18		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		8.13		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
						2/6/2022	Rainy	12:06	8.6	7.6	26.30	26.60	8.31	8.32	30.28	29.83	75.60	429.55	5.14	5.06	2.54
4/6/2022	Cloudy	12:08	8.5	7.6	26.90	26.60	8.32	8.32	29.98	29.83	79.50	74.30	4.98	5.08	2.83	2.83	3.1	1.2			
		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			
7/6/2022	Rainy	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			
		12:08	8.7	7.7	26.60	26.60	8.42	8.42	24.98	25.34	78.20	78.20	5.46	5.46	1.94	1.94	3.5	3.5			
9/6/2022	Sunny	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			
		10:16	8.6	7.6	25.50	25.50	8.30	8.30	27.60	27.60	67.90	67.90	4.75	4.75	1.10	1.10	1.3	1.3			
11/6/2022	Sunny	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			
		10:57	8.4	7.4	27.33	27.34	7.84	7.91	11.90	12.48	114.80	115.75	8.45	8.39	1.14	1.34	<1.0	1.0			
13/6/2022	Sunny	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			
		10:31	8.0	7.0	27.11	27.12	7.84	8.22	14.49	20.58	111.50	112.40	7.95	7.86	1.52	1.80	3.8	4.0			
15/6/2022	Rainy	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			
		10:34	8.6	7.6	27.28	27.28	8.77	8.75	21.25	21.39	112.20	112.15	7.90	7.89	1.84	1.65	1.7	1.8			
17/6/2022	Sunny	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			
		12:08	9.4	8.4	26.20	26.20	8.00	8.00	24.90	24.82	76.90	77.25	5.39	5.43	3.14	3.44	2.8	2.8			
20/6/2022	Sunny	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			
		12:08	8.4	7.4	27.00	27.05	8.10	8.10	22.84	22.77	70.90	73.25	5.97	5.63	4.62	4.45	4.6	4.5			
22/6/2022	Sunny	9:59	8.4	7.4	27.00	27.15	8.13	8.13	22.89	22.51	81.40	81.10	5.58	5.52	5.33	5.38	1.7	1.8			
		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			
24/6/2022	Sunny	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	27.00	8.27	8.24	24.07	24.56	98.80	98.90	6.63	6.70	6.08	6.09	3.8	3.7			
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	26.70	8.10	8.09	29.88	29.38	64.00	66.90	4.22	4.36	4.98	4.99	3.4	3.5			
30/6/2022	Sunny	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			
		10:25	8.8	7.8	28.10	28.05	8.49	8.48	17.22	17.29	85.80	86.80	8.49	8.48	6.14	6.17	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 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
						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
4/6/2022	Cloudy	10:13	8.4	7.4	26.60	26.75	8.36	8.35	28.82	25.52	74.30	74.95	5.07	5.20	2.23	2.03	2.7	3.1			
		10:00	8.5	7.5	26.60	26.75	8.38	8.35	28.52	25.52	74.30	74.95	5.08	5.20	2.03	2.03	3.0	3.1			
7/6/2022	Rainy	10:02	8.5	7.5	26.90	26.60	8.38	8.38	22.51	25.24	75.60	75.90	5.31	5.32	1.52	1.68	3.2	2.5			
		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			
9/6/2022	Sunny	10:22	8.5	7.5	26.60	26.60	8.38	8.38	25.42	25.33	76.80	76.35	5.35	5.32	2.07	1.64	2.3	2.4			
		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			
11/6/2022	Sunny	12:08	8.5	7.5	25.50	25.70	8.19	8.24	31.03	30.91	59.10	63.60	4.06	4.41	6.51	4.08	10.8	10.7			
		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			
13/6/2022	Sunny	12:17	8.7	7.7	27.85	27.66	8.22	8.18	10.60	10.91	127.30	125.55	9.30	9.09	1.61	2.32	2.8	2.7			
		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			
15/6/2022	Rainy	12:08	8.5	7.5	27.37	27.41	8.75	8.79	26.65	26.56	115.10	109.85	7.85	7.49	2.30	2.30	3.8	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			
17/6/2022	Sunny	12:08	8.5	7.5	27.03	27.03	8.71	8.65	27.75	27.63	119.00	119.40	8.11	8.15	4.41	5.24	4.2	4.0			
		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			
20/6/2022	Sunny	11:02	9.3	8.3	26.60	26.55	7.94	7.94	25.32	25.35	71.40	71.40	4.97	4.98	3.14	3.14	2.7	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			
22/6/2022	Sunny	10:13	8.3	7.3	26.50	26.80	8.02	8.01	25.33	26.30	77.00	74.20	5.90	4.98	7.50	5.79	2.6	3.4			
		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			
24/6/2022	Sunny	12:08	8.5	7.5	26.90	26.80	8.02	8.05	26.43	26.32	73.40	73.40	4.90	4.98	5.80	5.79	3.1	3.3			
		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			
28/6/2022	Sunny	12:08	8.5	7.5	26.30	26.20	7.97	7.97	29.98	30.35	61.70	63.15	3.98	7.97	6.72	6.72	3.6	1.8			
		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			
30/6/2022	Sunny	12:08	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			
		12:08	8.7	7.7	27.40	27.40	8.15	8.18	26.63	26.57	85.40	85.45	6.01	6.05	5.09	5.12	3.6	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 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	26.05	8.50	8.48	23.92	25.22	77.50	77.50	5.38	5.36	0.95	1.31	3.0	3.2		
			13:19	8.5	1.0	26.80		8.45		26.51		77.50		5.38		1.67		3.4			
	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		8.45		19.01		74.30		5.26		2.55		2.4			
	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		8.62		19.60		80.70		5.76		8.62		2.4			
	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		7.59		24.90		77.80		5.45		2.28		2.3			
	11/6/2022	Sunny	9:01	8.4	1.0	26.89	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		8.05		21.60		119.10		8.43		2.88		4.2			
	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		7.32		8.95		125.20		9.19		1.97		2.4			
	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		8.76		23.36		93.80		6.96		1.93		<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		8.04		22.28		72.70		5.09		4.23		2.8			
	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		8.25		15.87		80.40		5.81		5.93		2.3			
	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		6.52		19.76		75.30		5.73		5.95		3.2			
	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		7.20		20.59		93.40		6.49		5.30		2.8			
	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		6.76		19.69		101.90		7.70		5.92		3.8			
	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		6.81		17.21		94.80		6.50		4.93		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 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	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		7.85		26.10		73.90		5.13		1.66		1.2	
	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	8.2	1.0	26.60	26.60	7.58	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		8.49		17.22		75.80		5.68		2.90		3.3	
			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		7.73		10.38		114.70		8.36		2.30		3.4	
			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		8.86		18.95		92.80		6.51		1.95		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		8.81		18.81		110.90		7.83		1.51		2.1	
			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		7.19		20.06		74.00		5.33		5.31		3.2	
			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		6.79		18.25		76.30		5.92		5.15		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		8.38		17.93		90.80		6.43		5.63		4.0	
			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		8.46		17.58		94.80		6.99		6.28		3.6	
			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		8.46		17.58		94.80		6.90		6.28		3.0	
			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		9.22		17.03		121.20		8.55		2.65		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 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 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	2/6/2022	Rainy	13:22	8.5	7.5	26.50	26.55	8.39	8.39	28.54	28.49	74.00	75.95	5.06	5.20
			13:24	8.5	7.5	26.60		8.39		28.44		77.90		5.33		1.31		2.4			
	4/6/2022	Cloudy	13:16	8.6	7.6	27.00	27.05	8.37	8.37	25.29	25.40	76.60	73.15	5.30	5.06	2.49	2.89	1.3	1.4		
			13:18	8.6	7.6	27.10		8.36		25.51		69.70		4.81		3.29		1.5			
	7/6/2022	Rainy	13:23	8.7	7.7	26.10	26.10	8.41	8.39	27.60	27.81	70.40	71.55	4.88	4.96	2.85	3.05	4.0	3.9		
			13:25	8.7	7.7	26.10		8.36		28.02		72.70		5.03		3.25		3.7			
	9/6/2022	Sunny	9:00	8.3	7.3	25.80	25.80	7.90	7.92	28.06	28.12	70.30	67.35	4.88	6.41	1.99	2.09	3.9	3.7		
			9:02	8.3	7.3	25.80		7.93		28.17		64.40		7.93		2.19		3.4			
	11/6/2022	Sunny	9:05	8.4	7.4	26.91	26.91	8.39	8.37	25.03	24.27	116.10	116.60	8.05	8.11	6.16	5.50	8.5	8.7		
			9:07	8.4	7.4	26.90		8.35		23.50		117.10		8.16		4.83		8.8			
	13/6/2022	Sunny	9:13	9.2	8.2	27.25	27.21	8.19	7.79	24.84	20.14	113.10	112.80	7.78	7.91	4.38	4.68	4.2	4.5		
			9:15	9.2	8.2	27.16		7.38		15.43		112.50		8.04		4.97		4.7			
	15/6/2022	Rainy	9:06	9.4	8.4	26.95	26.95	8.71	8.71	24.02	23.84	120.40	122.15	8.39	8.52	1.78	3.19	2.5	2.7		
			9:08	9.4	8.4	26.95		8.71		23.66		123.90		8.65		4.59		2.9			
	17/6/2022	Sunny	13:23	9.1	8.1	27.30	27.10	8.04	8.05	22.74	22.77	75.20	75.55	5.25	5.29	3.43	3.85	1.6	1.5		
			13:25	9.1	8.1	26.90		8.06		22.79		75.90		5.33		4.27		1.4			
	20/6/2022	Sunny	13:18	9.0	8.0	27.20	27.20	8.24	8.25	17.29	17.02	86.30	84.50	6.15	6.10	5.67	5.81	5.1	5.3		
			13:20	9.0	8.0	27.20		8.26		16.74		83.70		6.05		5.95		5.4	5.3		
	22/6/2022	Sunny	8:25	8.6	7.6	26.00	26.05	6.95	7.00	26.88	26.89	62.00	61.60	4.08	4.01	10.13	10.13	5.2	5.4		
			8:27	8.6	7.6	26.10		7.04		26.90		61.20		3.93		10.12		5.6			
	24/6/2022	Sunny	8:29	9.0	8.0	26.30	26.30	7.31	7.32	27.78	27.62	56.60	56.45	9.84	6.89	8.85	7.41	4.4	4.2		
			8:31	9.0	8.0	26.30		7.32		27.46		56.30		3.93		5.96		4.0			
	28/6/2022	Sunny	8:50	9.0	8.0	27.10	27.35	7.25	7.31	25.73	24.40	85.30	91.05	5.76	6.18	5.40	5.19	2.6	2.7		
			8:52	9.0	8.0	27.60		7.36		23.07		96.80		6.59		4.97		2.6			
	30/6/2022	Sunny	8:50	9.8	8.8	27.40	27.30	7.55	7.63	19.55	19.44	89.90	91.25	6.31	6.41	5.01	4.96	2.2	2.2		
			8:52	9.8	8.8	27.20		7.71		19.33		92.60		6.50		4.91		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 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	2/6/2022	Rainy	8:33	8.1	7.1	26.60	26.55	7.38	7.66	23.33	24.82	6.20	38.65	5.36	5.14
			8:35	8.1	7.1	26.50		7.94		26.31		71.10		4.92		1.64		2.9			
	4/6/2022	Cloudy	8:36	8.3	7.3	26.30	26.30	7.88	7.82	27.49	27.34	62.80	66.95	4.34	4.63	2.13	2.33	3.2	3.4		
			8:38	8.3	7.3	26.30		7.76		27.19		71.10		4.92		2.52		3.6			
	7/6/2022	Rainy	9:07	8.2	7.2	26.30	26.30	7.86	7.91	24.28	24.25	73.70	75.20	5.19	5.30	4.42	2.54	5.8	6.0		
			9:09	8.2	7.2	26.30		7.95		24.21		76.70		5.40		3.57		6.2			
	9/6/2022	Sunny	13:18	8.5	7.5	25.60	25.60	8.33	8.33	25.85	25.70	72.50	72.00	5.12	5.09	2.03	2.00	2.4	2.6		
			13:20	8.5	7.5	25.60		8.33		25.54		71.50		5.06		1.96		2.8			
	11/6/2022	Sunny	13:15	8.2	7.2	27.20	27.22	7.90	7.98	17.46	18.56	116.10	115.05	8.06	8.00	3.52	3.62	3.8	4.0		
			13:17	8.2	7.2	27.23		8.06		19.65		114.00		7.93		3.72		4.1			
	13/6/2022	Sunny	13:27	8.8	7.8	27.92	27.93	8.80	8.82	18.70	18.65	111.70	111.75	7.89	7.90	2.00	2.01	3.0	3.2		
			13:29	8.8	7.8	27.94		8.84		18.60		111.80		7.90		2.01		3.4			
	15/6/2022	Rainy	13:21	8.7	7.7	27.36	27.41	8.78	8.76	20.13	20.07	106.50	109.30	7.53	7.73	1.73	1.68	1.1	1.3		
			13:23	8.7	7.7	27.45		8.74		20.01		112.10		7.92		1.63		1.4			
	17/6/2022	Sunny	9:21	9.1	8.1	26.4	26.40	7.33	7.37	23.94	23.94	67.80	58.30	4.77	4.39	4.04	4.14	1.7	1.8		
			9:23	9.1	8.1	26.40		7.41		23.93		48.80		4.01		4.23		1.9			
	20/6/2022	Sunny	8:36	8.4	7.4	26.40	26.35	7.38	7.33	26.29	26.49	73.50	58.10	5.14	4.88	10.12	10.56	4.6	4.8		
			8:38	8.4	7.4	26.30		7.27		26.69		42.69		4.62		11.00		5.0			
	22/6/2022	Sunny	13:27	8.4	7.4	26.80	27.00	8.26	8.27	23.92	22.36	84.80	86.85	5.72	5.97	6.48	6.48	2.8	2.7		
			13:29	8.4	7.4	27.20		8.28		20.80		88.90		6.22		6.47		2.6			
	24/6/2022	Sunny	13:18	8.4	7.4	26.40	26.60	8.17	8.16	28.69	27.59	66.70	70.00	4.49	4.75	4.25	4.37	2.4	2.3		
			13:20	8.4	7.4	26.80		8.14		26.48		73.30		5.01		4.48		2.2			
	28/6/2022	Sunny	13:15	8.4	7.4	26.40	26.60	8.17	8.16	28.69	27.59	66.70	70.00	4.49	4.75	4.25	4.37	2.1	2.2		
			13:17	8.4	7.4	26.80		8.14		26.48		73.30		5.01		4.48		2.3			
	30/6/2022	Sunny	13:15	8.9	7.9	28.59	28.60	8.23	8.74	17.10	17.09	116.00	118.85	8.39	8.38	3.21	3.08	4.0	4.2		
			13:17	8.9	7.9	28.60		8.24		17.07		116.70		8.36		2.94		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 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	Sampling was cancelled due to adverse weather																		
	4/7/2022	Strong Monsoon Signal	Sampling was cancelled due to adverse weather																		
	6/7/2022	Sunny	12:55	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	Sampling was cancelled due to adverse weather																	
	4/7/2022	Strong Monsoon Signal	Sampling was cancelled due to adverse weather																	
	6/7/2022	Sunny	10:02	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	Sampling was cancelled due to adverse weather																		
	4/7/2022	Strong Monsoon Signal	Sampling was cancelled due to adverse weather																		
	6/7/2022	Sunny	12:44	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		7.60		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		
			10:03	4.4	1.0	30.60		9.06		23.37		116.50		7.67		3.90		3.1			
27/7/2022	Sunny	9:54	4.9	1.0	30.61	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
						Sampling was cancelled due to adverse weather													
SR5	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	10:12	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	Sampling was cancelled due to adverse weather																		
	4/7/2022	Strong Monsoon Signal	Sampling was cancelled due to adverse weather																		
	6/7/2022	Sunny	12:48	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			
	8/7/2022	Cloudy	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			
	13/7/2022	Sunny	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			
	18/7/2022	Cloudy	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			
	20/7/2022	Sunny	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			
	27/7/2022	Sunny	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			
	29/7/2022	Sunny	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	Sampling was cancelled due to adverse weather																		
	4/7/2022	Strong Monsoon Signal	Sampling was cancelled due to adverse weather																		
	6/7/2022	Sunny	10:15	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			
	8/7/2022	Cloudy	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			
	15/7/2022	Sunny	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			
	29/7/2022	Sunny	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			
			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			
			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	19.77	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
						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	
						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	9.00	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		21.58		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	1.5	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		23.94		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		8.06		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	9.48	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	Sampling was cancelled due to adverse weather																		
	4/7/2022	Strong Monsoon Signal	Sampling was cancelled due to adverse weather																		
	6/7/2022	Sunny	13:18	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			
	8/7/2022	Cloudy	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			
	11/7/2022	Sunny	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			
	13/7/2022	Sunny	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			
	15/7/2022	Sunny	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			
	18/7/2022	Cloudy	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			
	20/7/2022	Sunny	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			
	22/7/2022	Sunny	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			
	25/7/2022	Sunny	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			
27/7/2022	Sunny	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				
29/7/2022	Sunny	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	Sampling was cancelled due to adverse weather																
	4/7/2022	Strong Monsoon Signal	Sampling was cancelled due to adverse weather																
	6/7/2022	Sunny	9:45	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	
	8/7/2022	Cloudy	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	
	11/7/2022	Sunny	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	5.97	4.8	4.7
			13:21	8.0	4.0	29.51		9.62		14.92		109.80		7.72		6.01		4.5	
	13/7/2022	Sunny	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	
	15/7/2022	Sunny	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	
	18/7/2022	Cloudy	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	
	20/7/2022	Sunny	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	
	22/7/2022	Sunny	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	
	25/7/2022	Sunny	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	
27/7/2022	Sunny	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		
29/7/2022	Sunny	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	Sampling was cancelled due to adverse weather																		
	4/7/2022	Strong Monsoon Signal	Sampling was cancelled due to adverse weather																		
	6/7/2022	Sunny	13:22	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			
	8/7/2022	Cloudy	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			
	11/7/2022	Sunny	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			
	13/7/2022	Sunny	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			
	15/7/2022	Sunny	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			
	18/7/2022	Cloudy	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			
	20/7/2022	Sunny	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			
	22/7/2022	Sunny	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			
	25/7/2022	Sunny	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			
27/7/2022	Sunny	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				
29/7/2022	Sunny	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	Sampling was cancelled due to adverse weather																		
	4/7/2022	Strong Monsoon Signal	Sampling was cancelled due to adverse weather																		
	6/7/2022	Sunny	9:48	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			
	8/7/2022	Cloudy	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			
	11/7/2022	Sunny	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			
	13/7/2022	Sunny	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			
	15/7/2022	Sunny	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			
	18/7/2022	Cloudy	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			
	20/7/2022	Sunny	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			
	22/7/2022	Sunny	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			
	25/7/2022	Sunny	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			
27/7/2022	Sunny	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				
29/7/2022	Sunny	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.



***Appendix 5.3***

***Quarterly Summary Waste Flow Table***

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

**Quarterly Summary Waste Flow Table for 2022**

Month	Actual Quantities of Inert C&D Material Generated Monthly						Actual Quantities of C&D Wastes Generated Monthly				
	Total Quantity Generated (a)	Hard Rocks and Large Broken Concrete (b)	Reused in the Contract (c)	Reused in other Projects (d)	Disposed as Public Fill (a-b-c-d)	Imported Fill	Metals	Paper/card-board packaging	Plastics [see Note 3]	Chemical waste	Others. e.g. general refuse
	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)
<b>May</b>	0.21	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.00	17.38
<b>Jun</b>	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.07	0.00	0.00	33.94
<b>July</b>	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	17.34
<b>Total</b>	0.24	0.00	0.00	0.00	0.24	0.00	0.00	0.07	0.00	0.00	68.66

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/m<sup>3</sup>.