# CONTRACT NO: HY/2019/14 NEW WANG TONG RIVER BRIDGE

# UNDER ENVIRONMENTAL PERMIT NO. EP-555/2018/A QUARTERLY ENVIRONMENTAL MONITORING & AUDIT REPORT

**JULY - SEPTEMBER 2022** 

**CLIENTS:** 

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**CERTIFIED BY:** 

Raymond Dai

Environmental Team Leader

DATE:

28 October 2022



Highways Department

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Your reference:

Our reference:

HKHYD202/50/108325

Date:

28 October 2022

Attention: Mr Kennick Ho

BY EMAIL & POST

(email: ek3-1.wd@hyd.gov.hk)

Dear Sirs

Agreement No. WD 23/2020

Environmental Monitoring and Audit for New Wang Tong River Bridge Quarterly Environmental Monitoring & Audit Report (July 2022 – September 2022)

We refer to emails of 17 and 28 October 2022 attaching a Quarterly Environmental Monitoring & Audit Report (July 2022 – September 2022) prepared by the Environmental Team (ET) of the captioned.

We have no further comment and hereby verified the Quarterly Environmental Monitoring & Audit Report (July 2022 – September 2022) in accordance with Clause 1.9 of the Environmental Permit no. EP-555/2018/A.

Should you have any queries, please do not hesitate to contact the undersigned or our Mr Frankie Yuen on 2618 2831.

Yours faithfully

ANEWR CONSULTING LIMITED

James Choi

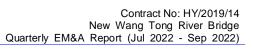
Independent Environmental Checker

CPSJ/LCCR/YCFF/lsmt

cc Highways Department – Mr Terry Chung (email: sek3.wd@hyd.gov.hk) Lam Environmental Services Limited – Mr Raymond Dai (Fax no.: 2882 3331)

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#### **EXECUTIVE SUMMARY**

- i. This is the Environmental Monitoring and Audit (EM&A) Quarterly Report July 2022 to September 2022 of New Wang Tong River Bridge under Environmental Permit no. EP-555/2018/A (Hereafter as "the Project"). The construction works of the Project was commenced on 12 July 2021 and the tentative completion date is Q3 2024. This is the 5<sup>th</sup> Quarter EM&A report presenting the environmental monitoring findings and information recorded during the period of 01 July 2022 to 30 September 2022.
- ii. In the reporting month, the principal work activities conducted are as follow:

July 2022	August 2022	September 2022
Pilling construction	Piling construction	<ul> <li>Excavation works</li> </ul>
<ul> <li>Pile loading test</li> </ul>	<ul> <li>Excavation works</li> </ul>	

## Air Quality Monitoring

- iii. 1-hour and 24-hour Total Suspended Particulates (TSP) monitoring was conducted at two monitoring station. 24-hour TSP shall be sampled at least once in every 6 days, while sampling for 1-hour TSP shall be at least 3 times in every 6 day in the reporting period.
- iv. No action or limit level exceedance was recorded in this reporting period.

#### Noise Monitoring

- v. Noise monitoring was conducted at one noise monitoring station once per week in the reporting period.
- vi. No action or limit level exceedance was recorded in this reporting period.

## Water Quality Monitoring

- vii. Water quality monitoring was conducted at seven monitoring stations three days per week in according to the schedule in the reporting period. Details of water quality monitoring results and graphical presentation can be referred in <u>Appendix 5.4.</u>
- viii. Owing to accessibility and safety issues, water quality monitoring at Station W3 was cancelled with verification from the IEC in November 2020 and approval from the EPD in December 2020.
- ix. Action level exceedance on turb was recorded at station W1 during mid-flood on 6 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation in water quality due to no exceedances recorded at W4 downstream to construction site before W1; no unauthorized discharge or muddy plume observed.

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- x. Action level exceedance on turb was recorded at station W2 during mid-flood on 6 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation in water quality due to no exceedances recorded at W4 downstream to construction site before W2; no unauthorized discharge or muddy plume observed.
- xi. Action level exceedance on turb and limit level of SS were recorded at station W5 during midebb on 6 July 2022. Investigation revealed this exceedance could be due to: High turbidity and SS recorded at upstream control station W4 (Turb: 24.8NTU, SS:19.0 mg/L) stirred up downstream riverbed during tidal flush.
- xii. Action level exceedance on DO was recorded at station W2 during mid-flood on 15 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- xiii. Action level exceedance on DO was recorded at station W4 during mid-flood on 15 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- xiv. Action level exceedance on DO was recorded at station W1 during mid-flood on 18 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- xv. Action level exceedance on DO was recorded at station W4 during mid-flood on 18 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- xvi. Action level exceedance on DO was recorded at station W8 Surface during mid-ebb on 20 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- xvii. Action level exceedance on DO was recorded at station W1 during mid-flood on 22 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- xviii. Action level exceedances on DO and turb were recorded at station W2 during mid-flood on 25 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed; Localized fluctuation in water quality due to no exceedances recorded at W4 downstream to construction site before W2; no unauthorized discharge or muddy plume observed.
- xix. Action level exceedance on DO was recorded at station W4 during mid-flood on 25 July 2022.
   Investigation revealed this exceedance could be due to: Localized fluctuation around baseline
   DO range; no river channel blockage was observed.
- xx. Action level exceedance on DO was recorded at station W7 during mid-ebb on 25 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.



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- xxi. Action level exceedance on DO was recorded at station W8 Surface during mid-ebb on 25 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- Action level exceedance on DO was recorded at station W2 during mid-flood on 27 July 2022.
   Investigation revealed this exceedance could be due to: Localized fluctuation around baseline
   DO range; no river channel blockage was observed.
- xxiii. Action level exceedances on DO and turb were recorded at station W4 during mid-flood on 27 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed; Localized fluctuation around baseline turb range; unlikely contributed by solid materials from construction works; extremely high water level observed during monitoring.
- Action level exceedance on DO was recorded at station W7 during mid-ebb on 27 July 2022.
   Investigation revealed this exceedance could be due to: Localized fluctuation around baseline
   DO range; no river channel blockage was observed.
- xxv. Action level exceedance on DO was recorded at station W8 Surface during mid-ebb on 27 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- xxvi. Action level exceedance on DO was recorded at station W8 Bottom during mid-ebb on 27 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- xxvii. Action level exceedances on DO and turb were recorded at station W2 during mid-flood on 29 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed; Localized fluctuation around baseline DO range; no river channel blockage was observed; Relatively higher turbidity recorded at upstream control station W4 (Turb: 12.1 NTU) whereas no SS exceedance recorded; unlikely contributed by solid materials from construction works.
- xxviii. Action level exceedances on DO, turb and SS were recorded at station W4 during mid-flood on 29 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed; Localized fluctuation around baseline turb and SS range; extremely high water level observed during monitoring and SS could be contributed by turbulance stirring up riverbed precipitate during tidal flush; unlikely contributed by solid materials from construction works.
- Action level exceedance on DO was recorded at station W7 during mid-ebb on 29 July 2022.
   Investigation revealed this exceedance could be due to: Localized fluctuation around baseline
   DO range; no river channel blockage was observed.
- xxx. Action level exceedance on DO was recorded at station W8 Bottom during mid-ebb on 27 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed

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- xxxi. Limit level exceedance on SS was recorded at station W5 during mid-ebb on 5 Aug 2022. Investigation revealed this exceedance could be due to: Relatively high SS recorded at upstream control station W4 (SS:14.0 mg/L); Muddy water discharging from upstream control station W4 and rain water disturbing the river water current may increase the downstream SS level at downstream monitoring station W5.
- xxxii. Action level exceedance on DO and Turb were recorded at station W1 and W2 during midflood on 12 Aug 2022. Investigation revealed these exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed; Cloudy water may be the cause of the increase of turb level; unlikely contributed by solid materials from construction works.
- xxxiii. Action level exceedance on DO were recorded at station W2 and W8 Bottom during mid-flood and mid-ebb respectively on 15 Aug 2022. Investigation revealed these exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- xxxiv. Action level exceedance on DO were recorded at station W1, W4 during mid-flood and W7 during mid-ebb on 22 Aug 2022. Investigation revealed these exceedance could be due to:

  Localized fluctuation around baseline DO range; no river channel blockage was observed.
- xxxv. Action level exceedance on DO were recorded at station W4 and W8 Bottom during mid-flood and mid-ebb respectively on 26 Aug 2022. Investigation revealed these exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- xxxvi. Action level exceedance on DO were recorded at station W6, W7, W8 Surface and W8 Bottom during mid-ebb on 29 Aug 2022. Investigation revealed these exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- xxxvii. Action level exceedance on DO was recorded at station W7 during mid-ebb on 31 Aug 2022. Investigation revealed these exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- xxxviii. Action level exceedances on DO was recorded at station W2 and W4 during mid-flood on 5 Sep 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- xxxix. Action level exceedance on SS was recorded at station W7 during mid-ebb on 5 Sep 2022. Investigation revealed this exceedance could be due to: High waves was observed at near shore sampling location W7 during mid-ebb. Water current may stir up the sea shore and sea bed sediment and cause the exceedance.
  - xl. Action level exceedances on DO was recorded at station W2 and W4 during mid-flood on 7 Sep 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.

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- xli. Action level exceedances on DO was recorded at station W5, W6, W7 and W8 Surface during mid-ebb on 7 Sep 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- xlii. Action level exceedances on DO was recorded at station W1, W2 and W4 during mid-flood on 9 Sep 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- xliii. Limit level exceedance on SS was recorded at station W1 during mid-flood on 9 Sep 2022. Investigation revealed this exceedance could be due to: Special localized extreme water quality due to no Turb or SS exceedances recorded before W1; muddy river water flow was observed at the upper end of the river after W2 during mid-flood may cause the exceedance of SS at W1.
- xliv. Action level exceedances on DO was recorded at station W5, W6, W7, W8 Surface and W8 Bottom during mid-ebb on 9 Sep 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- xIv. Action level exceedances on DO was recorded at station W2 and W4 during mid-flood on 13 Sep 2022. Action level exceedances on Turb was recorded at station W6 during mid-ebb on 13 Sep 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO and water quality range; no river channel blockage was observed; no muddy water was observed; no discharge or water leakage from the construction site was observed.
- xlvi. Limit level exceedances on Turb was recorded at station W5, W6, W7 and W8 Surface during mid-ebb on 15 Sep 2022. Investigation revealed this exceedance could be due to: Extreme low water level was observed from the upstream; yellow-ish pigment was observed during mid-ebb at the open water (from W5 to W8); no discharge or leakage from the construction site was found.
- xlvii. Limit level exceedances on Turb was recorded at station W5 during mid-ebb on 17 Sep 2022. Investigation revealed this exceedance could be due to: Yellow-ish pigment from the previous event was still observed and accumulated at shallow water area (W5); no discharge or leakage from the construction site was found.
- xIviii. Action level exceedances on DO at W1 and W4; action level exceedance on Turb at W2; limit level on SS at W4 was observed during mid-flood on 19 Sep 2022. Action level on Turb and limit level on SS was recorded at W6 during mid-ebb on 19 Sep 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed; significant amount of foams was observed at near-shore areas and may cause the exceedance for Turb and SS; no discharge or water leakage from the construction site was observed.
- xlix. Action level exceedances on DO was recorded at station W2 and W7 during mid-flood and mid-ebb respectively on 21 Sep 2022. Investigation revealed this exceedance could be due to:

  Localized fluctuation around baseline DO range; no river channel blockage was observed.



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- Action level exceedance on DO was recorded at station W8 Bottom during mid-ebb on 26 Sep 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- Ii. Action level exceedance on SS was recorded at station W8 Bottom during mid-ebb on 28 Sep 2022. Investigation revealed this exceedance could be due to: Strong monsoon signal was on and the strong wind may produce strong under-surface current which stir up the sediment at the sea floor, causing slightly high SS level at W8 Bottom.

#### Site Inspections and Audit

- lii. During the reporting period, the Environmental Team (ET) conducted weekly site inspections and monthly landscape site inspections and IEC attended the joint site inspection monthly.
- liii. No non-compliance was found during the site inspection while reminders on environmental measures were recommended.

## Complaints, Notifications of Summons and Successful Prosecutions

liv. No environmental complaint, notification of summons and successful prosecution regarding the construction works was recorded in the reporting period.

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## Reporting Changes

lv. There are no particular reporting changes.

#### 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-555/2018/A 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 New Wang Tong River Bridge (Register No.: AEIAR-199/2016).
- 1.1.2. According to Section 10.6 of the Project EM&A Manual, the Quarterly EM&A Report should be submitted.

# 1.2 Structure of the Report

- **Section 1** *Introduction* details the scope and structure of the report.
- **Section 2** *Project Background* summarizes background and scope of the project, site description, project organization and contact details of key personnel during the reporting period.
- **Section 3** Status of Regulatory Compliance summarizes the status of valid Environmental Permits / Licenses during the reporting period.
- **Section 4** *Monitoring Requirements* summarizes all monitoring parameters, monitoring criteria and respective event and action plan.
- **Section 5** *Monitoring Results* summarizes the monitoring results obtained in the reporting period.
- **Section 6 Compliance Audit** summarizes the auditing of monitoring results, all exceedances environmental parameters.
- **Section 7** Environmental Site Audit summarizes the findings of weekly site inspections undertaken within the reporting period, with a review of any relevant follow-up actions within the reporting period.
- Section 8 Complaints, Notification of summons and Prosecution summarizes the cumulative statistics on complaints, notification of summons and prosecution

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## Section 9 Conclusion



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## 2 Project Background

## 2.1 Background

- 2.1.1. Silver Mine Bay is a popular bathing beach in Mui Wo, Lantau that attracted 4,550 visitors on a peak day and over 69,000 visitors utilized the beach in 2012.
- 2.1.2. In order to relieve the overcrowding problem and the road safety concern of Wang Tong Bridge (hereafter called "Old Bridge"), two bridges (pedestrian bridge and cycle bridge) are proposed to replace the Old Bridge. The new pedestrian bridge and the new cycle bridge (hereafter called "New Bridge") are also designed to align with the future amenity development on the northern side of the Old Bridge. The location of the project site is shown in <u>Figure 2.1</u>.
- 2.1.3. The Project consists of a designated project under Part I, Schedule 2 of the Environmental Impact Assessment Ordinance (EIAO) which is Item C.12 (a)...a dredging operation which is less than 500m from the nearest boundary of an existing...(iii) bathing beach...
- 2.1.4. The major components of the Project under Environmental Permit (EP) (EP No. EP-555/2018/A) comprises: (i) demolition of the existing Wang Tong River Bridge; and (ii) construction of a new twin bridge with segregation for pedestrians and cyclists.

## 2.2 Project Organization and Contact Personnel

- 2.2.1 Highways 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.
- 2.2.2 The project organization and lines of communication with respect to environmental protection works are shown in <u>Figure 2.2.</u> Key personnel and contact particulars are summarized in **Table 2.2**:

Table 2.2 Contact Details of Key Personnel

Party	Role	Post	Name	Contact No.	Contact Fax
Highways	The Engineer for the Contract	Senior Engineer	Mr. Terry Chung	3903 6799	3188 3418
Department (HyD)	Engineer's Representative	Engineer	Mr. Yeung Sui Chung	3903 6813	3188 3418
Unison Construction	Contractor	Site Agent	Mr. Peter Lui	2690 2232	2363 3199
Engineering Limited		Environmental Officer	Ms. Suki Chan	2000 2202	
ANewR Consulting Limited	Independent Environmental Checker (IEC)	Independent Environmental Checker (IEC)	Mr. James Choi	2618 2831	3007 8648
Lam Environmental Services Limited	Environmental Team (ET)	Environmental Team Leader (ETL)	Mr. Raymond Dai	2882 3939	2882 3331

# 2.3 Construction Activities

2.3.1 In the reporting period, the principal work activities conducted are as follows.

July 2022	August 2022	September 2022
Pilling construction	Piling construction	Excavation works
<ul> <li>Pile loading test</li> </ul>	<ul> <li>Excavation works</li> </ul>	

2.3.2 Overall layout showing work areas is shown in Figure 2.1.

## 3 Status of Regulatory Compliance

# 3.1 Status of Environmental Licensing and Permitting under the Project

3.1.1. A summary of the current status on licences and/or permits on environmental protection pertinent to the Project is shown in *Table 3.1*.

Table 3.1 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.	Valid From	Expiry Date	Status
Notification pursuant to Air Pollution Control (Construction Dust) Regulation	Form NA submitted to EPD on 25 June 2021.			
Environmental Permit	EP-555/2018/A	16 Dec 2020	N/A	Valid
Billing Account for Disposal of Construction Waste	7038550	29 Mar 2021	End of the Project	Valid
Registration as a Chemical Waste Producer	5213-962-U2333-01	28 Jun 2021	N/A	Valid
Discharge Licence	WT00040069-2021	10/1/2022	31/1/2027	Valid
Construction Noise Permit		N/A		

## 3.2 Status of Submission under the EP-555/2018/A

3.2.1. A summary of the current status on submission under EP-555/2018/A is shown in *Table 3.2*.

Table 3.2 Summary of submission status under EP-555/2018/A

EP Condition	Submission	Date of Latest Submission^ or Approval#
Condition 1.12	Notification of Commencement Date of Works	3 June 2021 ^
Condition 2.7	Submission of Management Organization of Main Construction Companies, the ET and the IEC	20 May 2021 ^
Condition 2.8	Submission of Construction Works Schedule and Location Plan	22 June 2021 #
Condition 2.9	Submission of Breeding Bird Survey Report	29 December 2020 #
Condition 3.3	Submission of Baseline Monitoring Report	24 June 2021 #
Condition 4.2	Setting up Dedicated Internet Website	28 April 2021 ^



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# 3.3 Status of Submission under the EP-555/2018/A

3.3.1 Mitigation measures according to the environmental mitigation implementation schedule and the EIA were generally implemented by the Contractor as listed and shown in *Appendix 3.1.* 



## 4 Monitoring Requirements

## 4.1 Noise Monitoring

## NOISE MONITORING STATIONS

4.1.1. The noise monitoring stations for the Project are listed and shown in *Table 4.1* and *Figure 4.1*.

Table 4.1 Noise Monitoring Station

Monitoring Station ID	Monitoring Location	Measurement Type	Level (in terms of no. of floor)
NMS1 A	1 Tung Wan Tau Road	Free-field	G/F

Remarks A: As discussed with the lot owner, a fine adjustment of location at the boundary of 1 Tung Wan Tau Road was proposed and approved in the Baseline Monitoring Report, in order to prevent access obstruction.

## NOISE MONITORING PARAMETERS, FREQUENCY AND DURATION

4.1.2. For daytime construction work on normal weekdays (0700-1900 Monday to Saturday), one set of 30-min measurement shall be carried out at each NMS every week. Measurement procedures shall be referred to the Noise Control Ordinance-TM. Construction noise level shall be measured in terms of the A-weighted equivalent continuous sound pressure level (Leq). Leq 30min shall be used as the monitoring parameter. As supplementary information for data auditing, statistical results such as L10 and L90 shall also be obtained for reference.

## **EVENT AND ACTION PLAN**

4.1.3. Noise Standards for Daytime Construction Activities are specified under EIAO-TM. The Action and Limit levels for construction noise are defined in *Table 4.3* and *Appendix 4.1*. Should non-compliance of the criteria occurs, action in accordance with the Event and Action Plan in *Appendix 6.1* shall be carried out.

Table 4.3 Action and Limit Level for Noise Monitoring

Monitoring Station	Action Level	Limit Level
NMS1	When one documented complaint is received	75 dB(A)

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## 4.2 Air Monitoring

#### AIR QUALITY MONITORING STATIONS

4.2.1. The air monitoring stations for the Project are listed and shown in *Table 4.4* and *Figure 4.3*.

Table 4.4 Air Monitoring Station

Monitoring Station	Location	Level (in terms of no. of floor)
AMS1 <sup>A</sup>	Silvermine Beach Resort	G/F
AMS2 B, C	1 Tung Wan Tau Road	G/F

Remarks A: AMS1 recommended under EM&A manual is at the north of boundary wall of Silvermine Beach Resort. Positioning of HVS on a narrow road at the northern boundary wall would obstruct access of passengers. After liaison with the resort owner, HVS is located near the eastern boundary wall, which is representative and suitable for air quality monitoring. Thus, fine adjustment of location at the boundary of Silvermine Beach Resort was therefore proposed and approved in the Baseline Monitoring Report.

Remarks B: As discussed with the lot owner, a fine adjustment of location at the boundary of 1 Tung Wan Tau Road was proposed and approved in the Baseline Monitoring Report, in order to prevent access obstruction and to minimize noise nuisance induced from HVS operation.

Remarks C: As the agreement of ER and IEC, a fine adjustment of location at the boundary of 1 Tung Wan Tau Road was proposed and approved in the impact monitoring, in order to prevent the interruption of GI working area conducted by contractor.

#### AIR MONITORING PARAMETERS, FREQUENCY AND DURATION

- 4.2.2. One-hour and 24-hour TSP levels shall be measured to indicate the impacts of construction dust on air quality.
- 4.2.3. 24-hour TSP shall be sampled at least once in every 6 days, while sampling for 1-hour TSP shall be at least 3 times in every 6 days when the highest dust impact takes place.

#### WIND DATA

4.2.4. Hong Kong Observatory (HKO) meteorological information is widely accepted to be used in various environmental monitoring practices within HKSAR due to its professional quality and precision. Therefore, the daily wind data including Prevailing Wind Direction (degrees) and Mean Wind Speed (km/h) were obtained from Peng Chau Automatic Weather Station to serve as the representative data for meteorological condition during monitoring. The method was agreed by the IEC and approved by the ER on 4 December 2020. The representative wind data from Peng Chau Station were obtained covering the 1-hour and 24-hour TSP monitoring periods. The wind data were extracted and shown in <a href="#Appendix 4.3.">Appendix 4.3.</a>



# **EVENT AND ACTION PLAN**

4.2.5. The Action and Limit levels for construction air quality are defined in *Table 4.6* and *Appendix*4.1. Should non-compliance of the air quality criteria occur, action in accordance with the Event and Action Plan in *Appendix 6.1* shall be carried out.

Table 4.6 Action and Limit Level for Air Quality Monitoring

Parameter	Monitoring Station	Action Level (µg/m³)	Limit Level (µg/m³)	
24-hour TSP Level	AMS1	176.0	260.0	
	AMS2	176.0	260.0	
1-hour TSP Level	AMS1	276.5	500.0	
1-11001 TOT Level	AMS2	283.7	500.0	

## 4.3 Water Quality Monitoring

## WATER QUALITY MONITORING STATIONS

4.3.1. Water quality monitoring shall be undertaken at 7 monitoring stations in the reporting month. The proposed water quality monitoring stations of the Project are shown in *Table 4.7* and *Figure 4.3*.

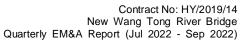
Table 4.7 Marine Water Quality Stations for Water Quality Monitoring

Station	Description	Monitoring Period	Monitoring Station	Easting	Northing	
W1	Wang Tong River	Mid-Flood	Impact	817747	814519	
VVI	(Major tributary)	Mid-Ebb	Control	01//4/	014319	
W2	Wang Tong River	Mid-Flood	Impact	817775	814471	
VVZ	(Major tributary)	Mid-Ebb	Control	01///3	014471	
W3 *	Wang Tong River	Mid-Flood	Impact	817803	01/527	
VVS	(Minor tributary to Tai Wai Yuen)	Mid-Ebb	Control	01/003	814537	
W4	Wang Tong River	Mid-Flood	Impact	817825	814481	
V V <del>4</del>	(Minor tributary to Tai Wai Yuen)	Mid-Ebb	Control	017023	014401	
W5	Silvermine Bay	Mid-Flood	Control	817909	011150	
VVS	(Near Silvermine Bay Beach)	Mid-Ebb	Impact	617909	814452	
W6	Silvermine Bay	Mid-Flood	Control	818024	011117	
VVO	(Near Silvermine Bay Beach)	Mid-Ebb	Impact	010024	814447	
W7	Silvermine Bay	Mid-Flood	Control	818061	814277	
V V /	(Open Water)	Mid-Ebb	Impact	010001	014211	
14/0	Silvermine Bay	Mid-Flood	Control	040004	044444	
W8	(Open Water)	Mid-Ebb	Impact	818224	814444	

Remark \*: Water quality monitoring at Station W3 was cancelled with verification from the IEC and approval from the

## WATER QUALITY PARAMETERS, FREQUENCY AND DURATION

- 4.3.2. The levels of dissolved oxygen (DO), turbidity, salinity and pH shall be measured in situ while suspended solids (SS) is determined by laboratory analysis at all the designated monitoring stations.
- 4.3.3. In association with the water quality parameters, other relevant data shall also be recorded, such as monitoring location / position, time, water temperature, DO saturation, weather conditions, and any special phenomena underway near the monitoring station.
- 4.3.4. Impact Monitoring shall be carried out 3 days per week, at mid-flood and mid-ebb tides (within ± 1.75 hour of the predicted time). The interval between two sets of monitoring shall not be less than 36 hours. The monitoring period should avoid concurrent marine project in the vicinity.
- 4.3.5. The sampling frequency of at least three days per week should be undertaken when the highest dust impact occurs. Upon completion of the construction works, the monitoring exercise at the designated monitoring locations should be continued for four weeks in the same manner as the impact monitoring. In case exceedance of Action/Limit Level is recorded, the frequency shall be increased as per the Event and Action Plan.



4.3.6. To ensure the robustness of in-situ measurement, parameters shall be measured in duplicate. In case the difference between duplicates is larger than 25%, a third set of measurement shall be carried out.

## **EVENT AND ACTION PLAN**

4.3.7. The Action and Limit levels for construction water quality are defined in **Table 4.9** and <u>Appendix 4.1</u>. Should the monitoring results of the water quality parameters at any designated monitoring station exceed the water quality criteria, action in accordance with the Event and Action Plan in <u>Appendix 6.1</u> shall be carried out.

Table 4.9 Action and Limit Level for Water Quality Monitoring

Monitoring		DO (m	ıg/L) †	Turbidity	/ (NTU) ~	SS (m	ıg/L)~
Station	Depth	Action	Limit	Action	Limit	Action	Limit Level
Station		Level	Level	Level	Level	Level	Lillit Level
W1				7.7 NTU or 120% of upstream	12.4 NTU or 130% of upstream	8.9 mg/L or 120% of upstream	11.3 mg/L or 130% of upstream
W2	Surface, Middle & Bottom	6.5	5.5 5.3	control station's turbidity at the same	control station's turbidity at the same	control station's SS at the same tide of the	control station's SS at the same tide
W4				tide of the same day, whichever is higher	tide of the same day, whichever is higher	same day, whichever is higher	of the same day, whichever is higher
W5	Surface,			9.8 NTU or	10.5 NTU	12.6	15.0 mg/L
W6	Middle &			120% of upstream	or 130% of upstream	mg/L or 120% of	or 130% of upstream
W7	Bottom			control	control	upstream	control
W8	Surface & Middle	5.9	5.5	station's turbidity at the same tide of the same day, whichever	station's turbidity at the same tide of the same day, whichever	control station's SS at the same tide of the same day, whichever	station's SS at the same tide of the same day, whichever
	Bottom	5.9	5.5	is higher	is higher	is higher	is higher

Remarks +: For DO, non-compliance occurs when monitoring results is lower than the limits.

Remarks ~: For SS and Turbidity, non-compliance occurs when monitoring results is larger than the limits

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## 5 Monitoring Results

5.0.1 The environmental monitoring were implemented as per the environment monitoring schedules for reporting period.

## 5.1 Noise Monitoring Results

- 5.1.1 Noise monitoring results measured in this reporting period are reviewed and summarized.

  Details of noise monitoring results and graphical presentation can be referred in *Appendix 5.2*.
- 5.1.2 No action or limit level exceedance was recorded in this reporting period.

## 5.2 Air Monitoring Results

- 5.2.1 Air quality monitoring results measured in this reporting period are reviewed and summarized.

  Details of air monitoring results and graphical presentation can be referred in *Appendix 5.3*.
- 5.2.2 No action or limit level exceedance was recorded in this reporting period.

## 5.3 Water Quality Monitoring Results

- 5.3.1 Water quality monitoring was conducted at seven monitoring stations three days per week in according to the schedule in the reporting. Details of water quality monitoring results and graphical presentation can be referred in *Appendix 5.4*.
- 5.3.2 Action level exceedance on turb was recorded at station W1 during mid-flood on 6 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation in water quality due to no exceedances recorded at W4 downstream to construction site before W1; no unauthorized discharge or muddy plume observed.
- 5.3.3 Action level exceedance on turb was recorded at station W2 during mid-flood on 6 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation in water quality due to no exceedances recorded at W4 downstream to construction site before W2; no unauthorized discharge or muddy plume observed.
- 5.3.4 Action level exceedance on turb and limit level of SS were recorded at station W5 during midebb on 6 July 2022. Investigation revealed this exceedance could be due to: High turbidity and SS recorded at upstream control station W4 (Turb: 24.8NTU, SS:19.0 mg/L) stirred up downstream riverbed during tidal flush.
- 5.3.5 Action level exceedance on DO was recorded at station W2 during mid-flood on 15 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.



- 5.3.6 Action level exceedance on DO was recorded at station W4 during mid-flood on 15 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 5.3.7 Action level exceedance on DO was recorded at station W1 during mid-flood on 18 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 5.3.8 Action level exceedance on DO was recorded at station W4 during mid-flood on 18 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 5.3.9 Action level exceedance on DO was recorded at station W8 Surface during mid-ebb on 20 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 5.3.10 Action level exceedance on DO was recorded at station W1 during mid-flood on 22 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 5.3.11 Action level exceedances on DO and turb were recorded at station W2 during mid-flood on 25 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed; Localized fluctuation in water quality due to no exceedances recorded at W4 downstream to construction site before W2; no unauthorized discharge or muddy plume observed.
- 5.3.12 Action level exceedance on DO was recorded at station W4 during mid-flood on 25 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 5.3.13 Action level exceedance on DO was recorded at station W7 during mid-ebb on 25 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 5.3.14 Action level exceedance on DO was recorded at station W8 Surface during mid-ebb on 25 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 5.3.15 Action level exceedance on DO was recorded at station W2 during mid-flood on 27 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 5.3.16 Action level exceedances on DO and turb were recorded at station W4 during mid-flood on 27 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed; Localized fluctuation around



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baseline turb range; unlikely contributed by solid materials from construction works; extremely high water level observed during monitoring.

- 5.3.17 Action level exceedance on DO was recorded at station W7 during mid-ebb on 27 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 5.3.18 Action level exceedance on DO was recorded at station W8 Surface during mid-ebb on 27 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 5.3.19 Action level exceedance on DO was recorded at station W8 Bottom during mid-ebb on 27 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 5.3.20 Action level exceedances on DO and turb were recorded at station W2 during mid-flood on 29 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed; Localized fluctuation around baseline DO range; no river channel blockage was observed; Relatively higher turbidity recorded at upstream control station W4 (Turb: 12.1 NTU) whereas no SS exceedance recorded; unlikely contributed by solid materials from construction works.
- 5.3.21 Action level exceedances on DO, turb and SS were recorded at station W4 during mid-flood on 29 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed; Localized fluctuation around baseline turb and SS range; extremely high water level observed during monitoring and SS could be contributed by turbulence stirring up riverbed precipitate during tidal flush; unlikely contributed by solid materials from construction works.
- 5.3.22 Action level exceedance on DO was recorded at station W7 during mid-ebb on 29 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 5.3.23 Action level exceedance on DO was recorded at station W8 Bottom during mid-ebb on 27 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 5.3.24 Limit level exceedance on SS was recorded at station W5 during mid-ebb on 5 Aug 2022. Investigation revealed this exceedance could be due to: Relatively high SS recorded at upstream control station W4 (SS:14.0 mg/L); Muddy water discharging from upstream control station W4 and rain water disturbing the river water current may increase the downstream SS level at downstream monitoring station W5.
- 5.3.25 Action level exceedance on DO and Turb were recorded at station W1 and W2 during mid-flood on 12 Aug 2022. Investigation revealed these exceedance could be due to: Localized



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fluctuation around baseline DO range; no river channel blockage was observed; Cloudy water may be the cause of the increase of turb level; unlikely contributed by solid materials from construction works.

- 5.3.26 Action level exceedance on DO were recorded at station W2 and W8 Bottom during mid-flood and mid-ebb respectively on 15 Aug 2022. Investigation revealed these exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 5.3.27 Action level exceedance on DO were recorded at station W1, W4 during mid-flood and W7 during mid-ebb on 22 Aug 2022. Investigation revealed these exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 5.3.28 Action level exceedance on DO were recorded at station W4 and W8 Bottom during mid-flood and mid-ebb respectively on 26 Aug 2022. Investigation revealed these exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 5.3.29 Action level exceedance on DO were recorded at station W6, W7, W8 Surface and W8 Bottom during mid-ebb on 29 Aug 2022. Investigation revealed these exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 5.3.30 Action level exceedance on DO was recorded at station W7 during mid-ebb on 31 Aug 2022. Investigation revealed these exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 5.3.31 Action level exceedances on DO was recorded at station W2 and W4 during mid-flood on 5 Sep 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 5.3.32 Action level exceedance on SS was recorded at station W7 during mid-ebb on 5 Sep 2022. Investigation revealed this exceedance could be due to: High waves was observed at near shore sampling location W7 during mid-ebb. Water current may stir up the sea shore and sea bed sediment and cause the exceedance.
- 5.3.33 Action level exceedances on DO was recorded at station W2 and W4 during mid-flood on 7 Sep 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 5.3.34 Action level exceedances on DO was recorded at station W5, W6, W7 and W8 Surface during mid-ebb on 7 Sep 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.



- 5.3.35 Action level exceedances on DO was recorded at station W1, W2 and W4 during mid-flood on 9 Sep 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 5.3.36 Limit level exceedance on SS was recorded at station W1 during mid-flood on 9 Sep 2022. Investigation revealed this exceedance could be due to: Special localized extreme water quality due to no Turb or SS exceedances recorded before W1; muddy river water flow was observed at the upper end of the river after W2 during mid-flood may cause the exceedance of SS at W1.
- 5.3.37 Action level exceedances on DO was recorded at station W5, W6, W7, W8 Surface and W8 Bottom during mid-ebb on 9 Sep 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 5.3.38 Action level exceedances on DO was recorded at station W2 and W4 during mid-flood on 13 Sep 2022. Action level exceedances on Turb was recorded at station W6 during mid-ebb on 13 Sep 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO and water quality range; no river channel blockage was observed; no muddy water was observed; no discharge or water leakage from the construction site was observed.
- 5.3.39 Limit level exceedances on Turb was recorded at station W5, W6, W7 and W8 Surface during mid-ebb on 15 Sep 2022. Investigation revealed this exceedance could be due to: Extreme low water level was observed from the upstream; yellow-ish pigment was observed during mid-ebb at the open water (from W5 to W8); no discharge or leakage from the construction site was found.
- 5.3.40 Limit level exceedances on Turb was recorded at station W5 during mid-ebb on 17 Sep 2022. Investigation revealed this exceedance could be due to: Yellow-ish pigment from the previous event was still observed and accumulated at shallow water area (W5); no discharge or leakage from the construction site was found.
- 5.3.41 Action level exceedances on DO at W1 and W4; action level exceedance on Turb at W2; limit level on SS at W4 was observed during mid-flood on 19 Sep 2022. Action level on Turb and limit level on SS was recorded at W6 during mid-ebb on 19 Sep 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed; significant amount of foams was observed at near-shore areas and may cause the exceedance for Turb and SS; no discharge or water leakage from the construction site was observed.
- 5.3.42 Action level exceedances on DO was recorded at station W2 and W7 during mid-flood and midebb respectively on 21 Sep 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.



- 5.3.43 Action level exceedance on DO was recorded at station W8 Bottom during mid-ebb on 26 Sep 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 5.3.44 Action level exceedance on DO was recorded at station W8 Bottom during mid-ebb on 26 Sep 2022. Investigation revealed this exceedance could be due to: Strong monsoon signal was on and the strong wind may produce strong under-surface current which stir up the sediment at the sea floor, causing slightly high SS level at W8 Bottom.

Table 5.1 Summary of Water Quality Exceedances (July)

	Parameter	DO (	S&M)	DO (B	ottom)	Turk	oidity	S	S	Excee	
Station	Level exceeded	Mid Ebb	Mid Flood	Mid Ebb	Mid Flood	Mid Ebb	Mid Flood	Mid Ebb	Mid Flood	Mid Ebb	Mid Flood
W1	Action	N/A	18/07/22 22/07/22	N/A	-	N/A	06/07/22	N/A	-	N/A	3
	Limit	N/A	-	N/A	-	N/A	-	N/A	-	N/A	-
W2	Action	N/A	15/07/22 25/07/22 27/07/22 29/07/22	N/A	-	N/A	06/07/22 25/07/22 29/07/22	N/A	-	N/A	7
	Limit	N/A	-	N/A	-	N/A	_	N/A	-	N/A	-
W4	Action	N/A	15/07/22 18/07/22 25/07/22 27/07/22 29/07/22	N/A	-	N/A	27/07/22 29/07/22	N/A	29/07/22	N/A	8
	Limit	N/A	-	N/A	-	N/A	-	N/A	-	N/A	-
W5	Action	-	N/A	-	N/A	06/07/22	N/A	-	N/A	1	N/A
	Limit	-	N/A	-	N/A	_	N/A	06/07/22	N/A	1	N/A
W6	Action	29/07/22	N/A	-	N/A	-	N/A	_	N/A	1	N/A
	Limit	-	N/A	-	N/A	-	N/A	-	N/A	-	N/A
W7	Action	25/07/22 27/07/22 29/07/22	N/A	-	N/A	-	N/A	-	N/A	3	N/A
	Limit	-	N/A	-	N/A	-	N/A	-	N/A	-	N/A
W8	Action	20/07/22 25/07/22 27/07/22	N/A	27/07/22 29/07/22	N/A	-	N/A	-	N/A	5	N/A
	Limit	-	N/A	-	N/A	-	N/A	-	N/A	-	N/A
Total	Action	7	11	2	0	1	6	0	1	10	18
	Limit	0	0	0	0	0	0	1	0	1	0

Table 5.2 Summary of Water Quality Exceedances (August)

	Parameter	DO (	S&M)	DO (B	ottom)	Turk	oidity	S	S	Excee	
Station	Level exceeded	Mid Ebb	Mid Flood	Mid Ebb	Mid Flood	Mid Ebb	Mid Flood	Mid Ebb	Mid Flood	Mid Ebb	Mid Flood
W1	Action	N/A	12/08/22 22/08/22	N/A	-	N/A	12/08/22	N/A	-	N/A	3
	Limit	N/A	_	N/A	-	N/A	_	N/A	-	N/A	-
W2	Action	N/A	12/08/22 15/08/22	N/A	-	N/A	12/08/22	N/A	-	N/A	3
	Limit	N/A	-	N/A	-	N/A	-	N/A	-	N/A	-
W4	Action	N/A	22/08/22 26/08/22	N/A	-	N/A	-	N/A	-	N/A	2
	Limit	N/A	-	N/A	-	N/A	-	N/A	-	N/A	-
W5	Action	-	N/A	-	N/A	-	N/A	-	N/A	-	N/A
	Limit	-	N/A	-	N/A	-	N/A	05/08/22	N/A	1	N/A

	Parameter	DO (8	S&M)	DO (Bo	ottom)	Turb	idity	S	S	Excee	
Station	Level	Mid Ebb	Mid	Mid Ebb	Mid	Mid Ebb	Mid	Mid Ebb	Mid	Mid	Mid
	exceeded		Flood		Flood		Flood		Flood	Ebb	Flood
W6	Action	29/08/22	N/A	-	N/A	-	N/A	-	N/A	1	N/A
	Limit	-	N/A	-	N/A	-	N/A	-	N/A	-	N/A
W7	Action	22/08/22	N/A	-	N/A	-	N/A	-	N/A	3	N/A
		29/08/22									
		31/08/22									
	Limit	-	N/A	-	N/A	-	N/A	-	N/A	-	N/A
W8	Action	29/08/22	N/A	15/08/22 26/08/22 29/08/22	N/A	1	N/A	•	N/A	4	N/A
	Limit	_	N/A	-	N/A	-	N/A	-	N/A	-	N/A
Total	Action	5	6	3	0	0	2	0	0	8	8
	Limit	0	0	0	0	0	0	1	0	1	0

Table 5.3 Summary of Water Quality Exceedances (September)

	Parameter	DO (	S&M)	DO (Bo	ttom)	Turl	bidity	S	S		edance unt
Station	Level exceeded	Mid Ebb	Mid Flood	Mid Ebb	Mid Flood	Mid Ebb	Mid Flood	Mid Ebb	Mid Flood	Mid Ebb	Mid Flood
W1	Action	N/A	09/09/22 19/09/22	N/A	N/A	N/A	-	N/A	-	N/A	2
	Limit	N/A	-	N/A	N/A	N/A	-	N/A	09/09/22	N/A	1
W2	Action	N/A	05/09/22 07/09/22 09/09/22 13/09/22 21/09/22	N/A	N/A	N/A	19/09/22	N/A	-	N/A	6
	Limit	N/A	-	N/A	N/A	N/A	-	N/A	-	N/A	-
W4	Action	N/A	05/09/22 07/09/22 09/09/22 13/09/22 19/09/22	N/A	N/A	N/A	-	N/A	-	N/A	5
	Limit	N/A	-	N/A	N/A	N/A	-	N/A	19/09/22	N/A	1
W5	Action	07/09/22 09/09/22	N/A	-	N/A	-	N/A	-	N/A	2	N/A
	Limit	-	N/A	-	N/A	15/09/22 17/09/22	N/A	-	N/A	2	N/A
W6	Action	07/09/22 09/09/22	N/A	-	N/A	13/09/22 19/09/22	N/A	-	N/A	4	N/A
	Limit	ı	N/A	-	N/A	15/09/22	N/A	19/09/22	N/A	2	N/A
W7	Action	07/09/22 09/09/22 21/09/22	N/A	-	N/A	-	N/A	05/09/22	N/A	4	N/A
	Limit	-	N/A	-	N/A	15/09/22	N/A	-	N/A	1	N/A
W8	Action	07/09/22 09/09/22	N/A	09/09/22 26/09/22	N/A	-	N/A	28/09/22	N/A	5	N/A
	Limit	•	N/A	-	N/A	15/09/22	N/A	-	N/A	1	N/A
Total	Action	9	12	2	-	2	1	2	-	15	13
	Limit	-	-	-	-	5	-	1	2	6	2

# 5.4 Waste Management

5.4.1 The quantities of waste for disposal in the Reporting Period are summarized in *Table 5.1* and *Table 5.2*.

Table 5.3 Summary of Quantities of Inert C&D Materials

Waste Type	Quantity (this period)	Quantity (Project commencement to the end of the last quarter)	Cumulative Quantity-to-Date
Hard Rock and Large Broken Concrete (Inert) (in '000m³)	0	0.007	0.007
Reused in this Contract (Inert) (in '000m³)	0	0	0
Reused in other Projects (Inert) (in '000m³)	0	0	0
Disposal as Public Fill (Inert) (in '000m³)	0.315	0.039	0.354

Table 5.4 Summary of Quantities of C&D Wastes

Waste Type	Quantity (this quarter)	Quantity (Project commencement to the end of last quarter)	Cumulative Quantity-to-Date
Metals (in '000kg)	0	0	0
Paper / Cardboard Packing (in '000kg)	0	0	0
Plastics (in '000kg)	0	0.03	0.03
Chemical Wastes (in '000kg)	0	0	0
General Refuses (in '000m³)	0.0672	0.051	0.1182

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## 6 Compliance Audit

# 6.1 Noise Monitoring.

6.1.1 No action or limit level exceedance was recorded in this reporting period.

## 6.2 Air Quality Monitoring

6.2.1 No action or limit level exceedance was recorded in this reporting period.

## 6.3 Water Quality Monitoring

- 6.3.1 Action level exceedance on turb was recorded at station W1 during mid-flood on 6 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation in water quality due to no exceedances recorded at W4 downstream to construction site before W1; no unauthorized discharge or muddy plume observed.
- 6.3.2 Action level exceedance on turb was recorded at station W2 during mid-flood on 6 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation in water quality due to no exceedances recorded at W4 downstream to construction site before W2; no unauthorized discharge or muddy plume observed.
- 6.3.3 Action level exceedance on turb and limit level of SS were recorded at station W5 during midebb on 6 July 2022. Investigation revealed this exceedance could be due to: High turbidity and SS recorded at upstream control station W4 (Turb: 24.8NTU, SS:19.0 mg/L) stirred up downstream riverbed during tidal flush.
- 6.3.4 Action level exceedance on DO was recorded at station W2 during mid-flood on 15 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 6.3.5 Action level exceedance on DO was recorded at station W4 during mid-flood on 15 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 6.3.6 Action level exceedance on DO was recorded at station W1 during mid-flood on 18 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 6.3.7 Action level exceedance on DO was recorded at station W4 during mid-flood on 18 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.



- 6.3.8 Action level exceedance on DO was recorded at station W8 Surface during mid-ebb on 20 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 6.3.9 Action level exceedance on DO was recorded at station W1 during mid-flood on 22 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 6.3.10 Action level exceedances on DO and turb were recorded at station W2 during mid-flood on 25 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed; Localized fluctuation in water quality due to no exceedances recorded at W4 downstream to construction site before W2; no unauthorized discharge or muddy plume observed.
- 6.3.11 Action level exceedance on DO was recorded at station W4 during mid-flood on 25 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 6.3.12 Action level exceedance on DO was recorded at station W7 during mid-ebb on 25 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 6.3.13 Action level exceedance on DO was recorded at station W8 Surface during mid-ebb on 25 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 6.3.14 Action level exceedance on DO was recorded at station W2 during mid-flood on 27 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 6.3.15 Action level exceedances on DO and turb were recorded at station W4 during mid-flood on 27 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed; Localized fluctuation around baseline turb range; unlikely contributed by solid materials from construction works; extremely high water level observed during monitoring.
- 6.3.16 Action level exceedance on DO was recorded at station W7 during mid-ebb on 27 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 6.3.17 Action level exceedance on DO was recorded at station W8 Surface during mid-ebb on 27 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.



- 6.3.18 Action level exceedance on DO was recorded at station W8 Bottom during mid-ebb on 27 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 6.3.19 Action level exceedances on DO and turb were recorded at station W2 during mid-flood on 29 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed; Localized fluctuation around baseline DO range; no river channel blockage was observed; Relatively higher turbidity recorded at upstream control station W4 (Turb: 12.1 NTU) whereas no SS exceedance recorded; unlikely contributed by solid materials from construction works.
- 6.3.20 Action level exceedances on DO, turb and SS were recorded at station W4 during mid-flood on 29 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed; Localized fluctuation around baseline turb and SS range; extremely high water level observed during monitoring and SS could be contributed by turbulence stirring up riverbed precipitate during tidal flush; unlikely contributed by solid materials from construction works.
- 6.3.21 Action level exceedance on DO was recorded at station W7 during mid-ebb on 29 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 6.3.22 Action level exceedance on DO was recorded at station W8 Bottom during mid-ebb on 27 July 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 6.3.23 Limit level exceedance on SS was recorded at station W5 during mid-ebb on 5 Aug 2022. Investigation revealed this exceedance could be due to: Relatively high SS recorded at upstream control station W4 (SS:14.0 mg/L); Muddy water discharging from upstream control station W4 and rain water disturbing the river water current may increase the downstream SS level at downstream monitoring station W5.
- 6.3.24 Action level exceedance on DO and Turb were recorded at station W1 and W2 during mid-flood on 12 Aug 2022. Investigation revealed these exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed; Cloudy water may be the cause of the increase of turb level; unlikely contributed by solid materials from construction works.
- 6.3.25 Action level exceedance on DO were recorded at station W2 and W8 Bottom during mid-flood and mid-ebb respectively on 15 Aug 2022. Investigation revealed these exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.



- 6.3.26 Action level exceedance on DO were recorded at station W1, W4 during mid-flood and W7 during mid-ebb on 22 Aug 2022. Investigation revealed these exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 6.3.27 Action level exceedance on DO were recorded at station W4 and W8 Bottom during mid-flood and mid-ebb respectively on 26 Aug 2022. Investigation revealed these exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 6.3.28 Action level exceedance on DO were recorded at station W6, W7, W8 Surface and W8 Bottom during mid-ebb on 29 Aug 2022. Investigation revealed these exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 6.3.29 Action level exceedance on DO was recorded at station W7 during mid-ebb on 31 Aug 2022. Investigation revealed these exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 6.3.30 Action level exceedances on DO was recorded at station W2 and W4 during mid-flood on 5 Sep 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 6.3.31 Action level exceedance on SS was recorded at station W7 during mid-ebb on 5 Sep 2022. Investigation revealed this exceedance could be due to: High waves was observed at near shore sampling location W7 during mid-ebb. Water current may stir up the sea shore and sea bed sediment and cause the exceedance.
- 6.3.32 Action level exceedances on DO was recorded at station W2 and W4 during mid-flood on 7 Sep 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 6.3.33 Action level exceedances on DO was recorded at station W5, W6, W7 and W8 Surface during mid-ebb on 7 Sep 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 6.3.34 Action level exceedances on DO was recorded at station W1, W2 and W4 during mid-flood on 9 Sep 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 6.3.35 Limit level exceedance on SS was recorded at station W1 during mid-flood on 9 Sep 2022. Investigation revealed this exceedance could be due to: Special localized extreme water quality due to no Turb or SS exceedances recorded before W1; muddy river water flow was observed at the upper end of the river after W2 during mid-flood may cause the exceedance of SS at W1.



- 6.3.36 Action level exceedances on DO was recorded at station W5, W6, W7, W8 Surface and W8 Bottom during mid-ebb on 9 Sep 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 6.3.37 Action level exceedances on DO was recorded at station W2 and W4 during mid-flood on 13 Sep 2022. Action level exceedances on Turb was recorded at station W6 during mid-ebb on 13 Sep 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO and water quality range; no river channel blockage was observed; no muddy water was observed; no discharge or water leakage from the construction site was observed.
- 6.3.38 Limit level exceedances on Turb was recorded at station W5, W6, W7 and W8 Surface during mid-ebb on 15 Sep 2022. Investigation revealed this exceedance could be due to: Extreme low water level was observed from the upstream; yellow-ish pigment was observed during mid-ebb at the open water (from W5 to W8); no discharge or leakage from the construction site was found.
- 6.3.39 Limit level exceedances on Turb was recorded at station W5 during mid-ebb on 17 Sep 2022. Investigation revealed this exceedance could be due to: Yellow-ish pigment from the previous event was still observed and accumulated at shallow water area (W5); no discharge or leakage from the construction site was found.
- 6.3.40 Action level exceedances on DO at W1 and W4; action level exceedance on Turb at W2; limit level on SS at W4 was observed during mid-flood on 19 Sep 2022. Action level on Turb and limit level on SS was recorded at W6 during mid-ebb on 19 Sep 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed; significant amount of foams was observed at near-shore areas and may cause the exceedance for Turb and SS; no discharge or water leakage from the construction site was observed.
- 6.3.41 Action level exceedances on DO was recorded at station W2 and W7 during mid-flood and midebb respectively on 21 Sep 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 6.3.42 Action level exceedance on DO was recorded at station W8 Bottom during mid-ebb on 26 Sep 2022. Investigation revealed this exceedance could be due to: Localized fluctuation around baseline DO range; no river channel blockage was observed.
- 6.3.43 Action level exceedance on DO was recorded at station W8 Bottom during mid-ebb on 26 Sep 2022. Investigation revealed this exceedance could be due to: Strong monsoon signal was on and the strong wind may produce strong under-surface current which stir up the sediment at the sea floor, causing slightly high SS level at W8 Bottom.

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## 6.4 Summary of Exceedance

- 6.4.1 The Event Action Plan for construction noise, air quality and water quality are presented in <u>Appendix 6.1.</u>
- 6.4.2 The summary of exceedance is presented in **Appendix 6.2.**

## 6.5 Environmental Site Audit

- 6.5.1 During the reporting period, the Environmental Team (ET) conducted weekly site inspections and IEC attended the joint site inspection monthly.
- 6.5.2 During this reporting month, monthly landscape site audits were conducted monthly.
- 6.5.3 No non-compliance was found during the site inspection while reminders on environmental measures were recommended.

## 6.6 Review of the Reasons for and the Implications of Non-compliance

6.6.1 No environmental non-compliance was recorded in the reporting period.

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

6.7.1 There was no particular action taken since no non-compliance was recorded in the reporting period.

## 7 Complaints, Notification of Summons and Prosecution

- 7.0.1. No environmental complaint, notification of summons and successful prosecution regarding construction works was recorded in the reporting period.
- 7.0.2. The details of cumulative complaint log and updated summary of complaints are presented in *Appendix 8.1.*
- 7.0.3. Cumulative statistic on complaints and successful prosecutions are summarized in *Table 8.1* and *Table 8.2* respectively.

**Table 8.1 Cumulative Statistics on Complaints** 

Reporting Period	No. of Complaints
July 2022 – September 2022	0
Project commencement to the end of last reporting month	-
Total	0

Table 8.2 Cumulative Statistics on Successful Prosecutions

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

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## 8 Conclusion

- 8.0.1. The EM&A programme was carried out in accordance with the EM&A Manual requirements, minor alterations to the programme proposed were made in response to changing circumstances.
- 8.0.2. The EM&A programme was considered effective and no change is anticipated as reviewed for this quarter.



Figure 2.1

Project Layout

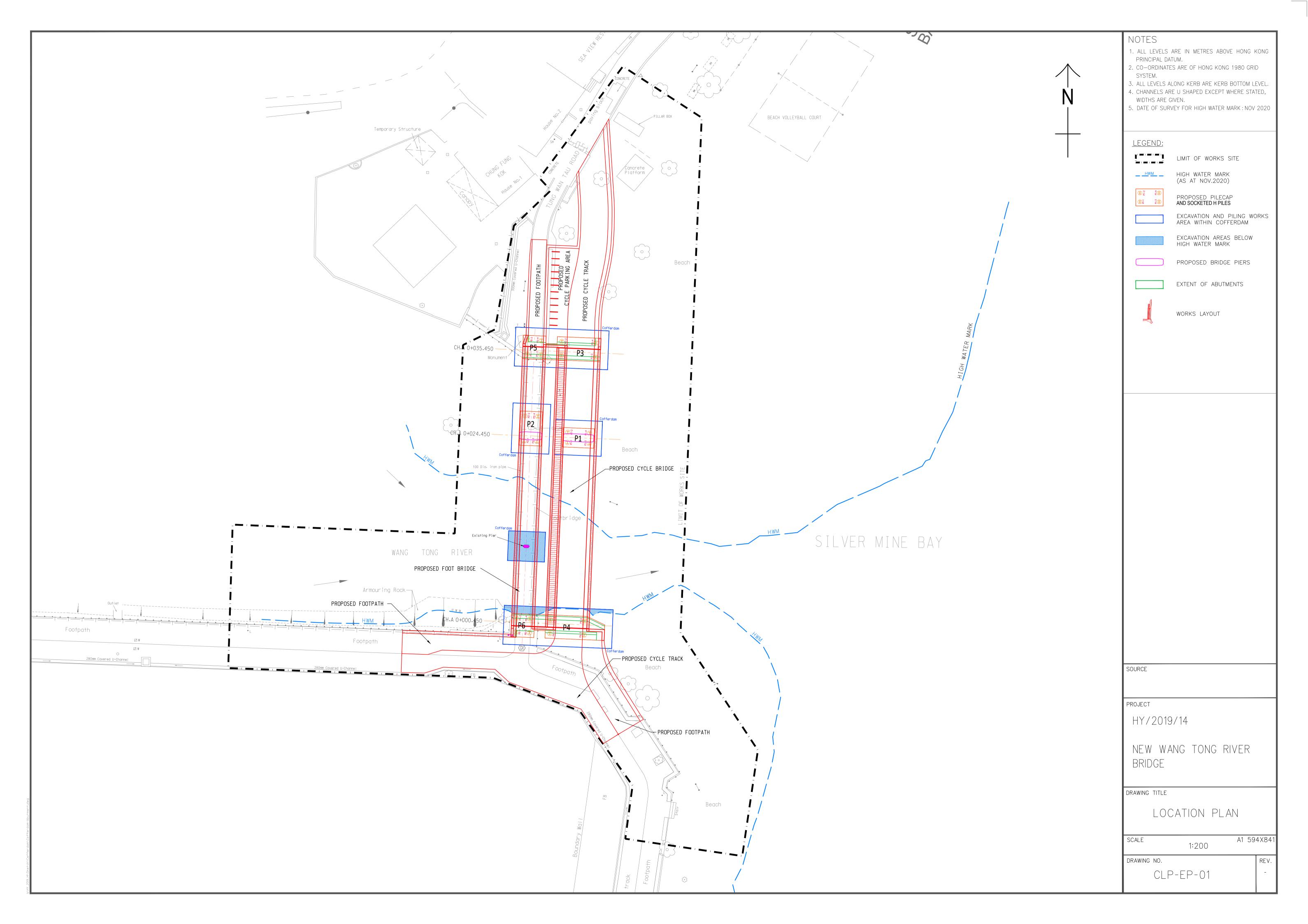
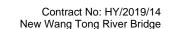




Figure 2.2

**Project Organization Chart** 





# **Project Organization Chart**

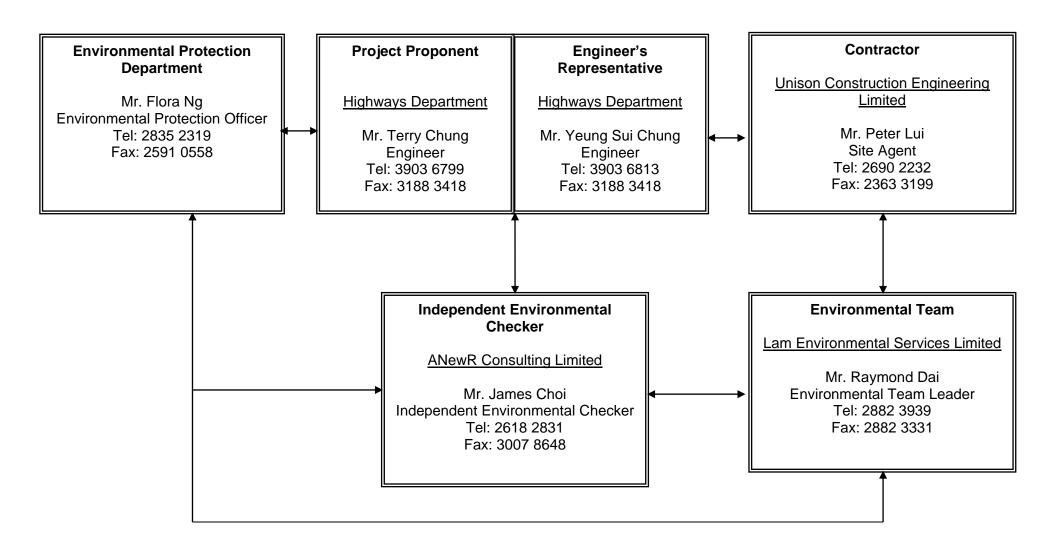
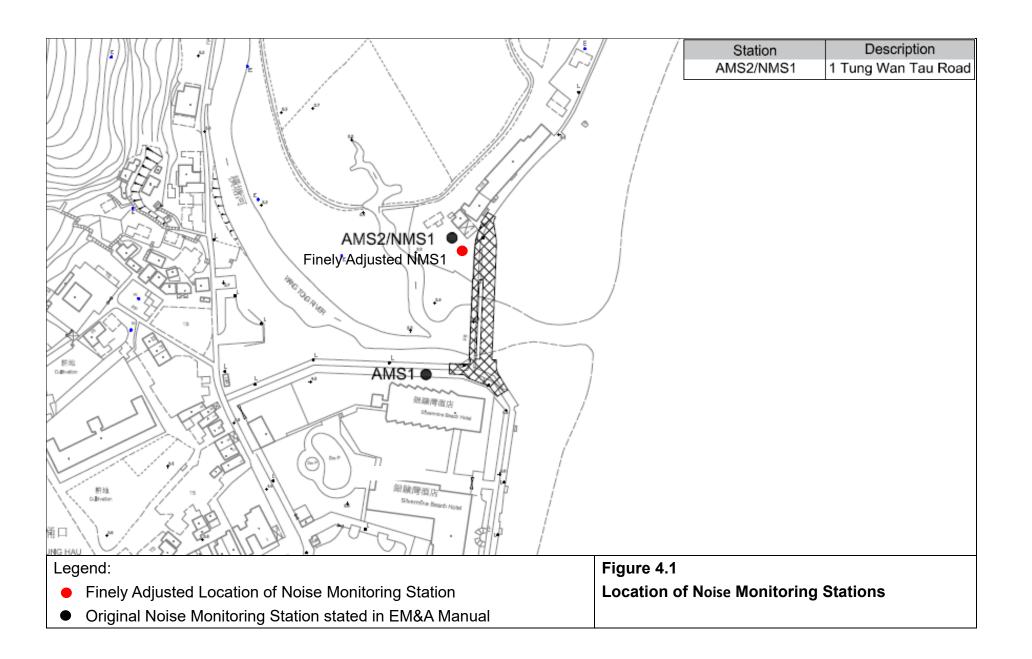
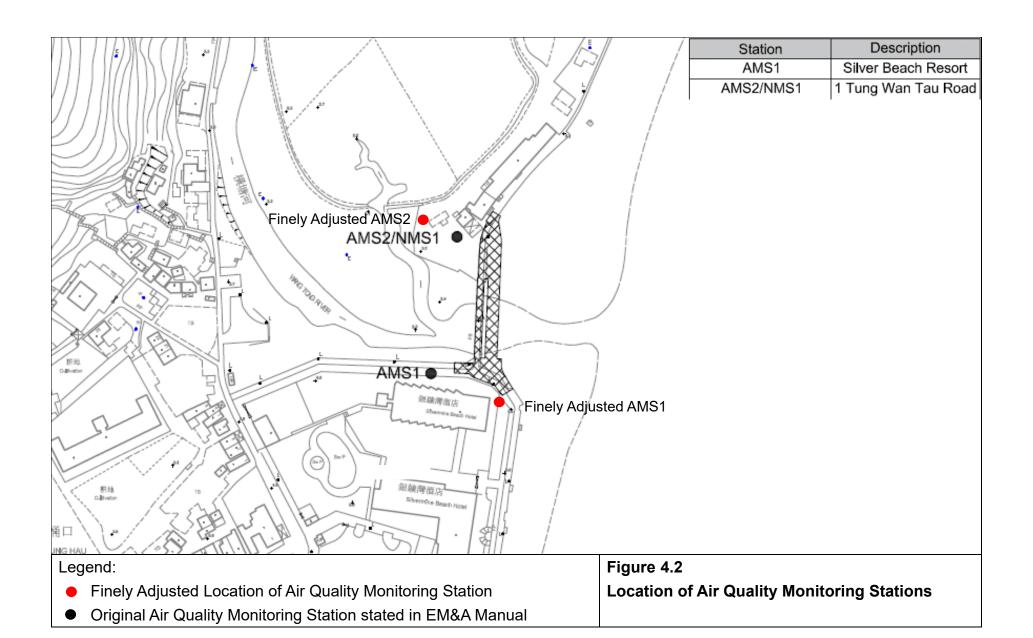


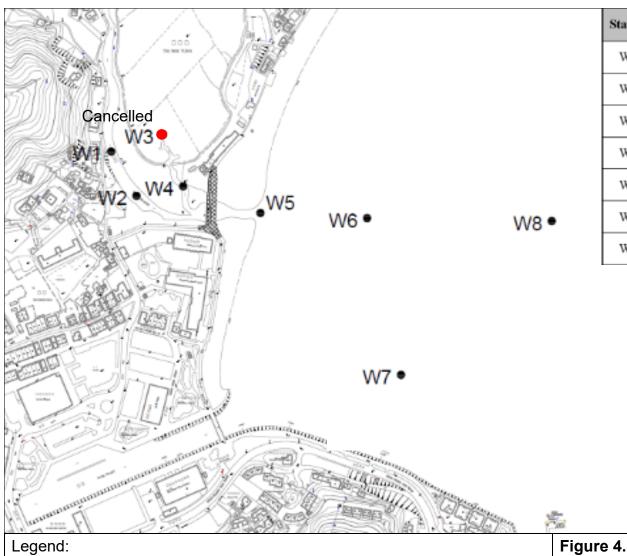


Figure 4.1 to Figure 4.3

**Locations of Monitoring Stations** 







Station	Description	Easting	Northing
W1	Wang Tong River	817747	814519
**1	(Major tributary)	01//4/	014212
W2	Wang Tong River	817775	814471
***2	(Major tributary)	017773	014471
W4	Wang Tong River	817825	814481
W-4	(Minor tributary to Tai Wai Yuen)	01/023	014401
W5	Silvermine Bay	817909	814452
***	(Near Silvermine Bay Beach)	017909	014432
W6	Silvermine Bay	818024	814447
WO	(Near Silvermine Bay Beach)	010024	014447
W7	Silvermine Bay	818061	814277
W /	(Open Water)	919001	0142//
W8	Silvermine Bay	818224	814444
wo	(Open Water)	010224	014444

- Cancelled Water Quality Monitoring Station
- Original Water Quality Monitoring Station stated in EM&A Manual

Figure 4.3
Location of Water Quality Monitoring Stations



# Appendix 3.1

**Environmental Mitigation Implementation Schedule** 

# Appendix 3.1 - Implementation Schedule of Recommended Mitigation Measures

EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measure & Main Concerns to address	Who to Implement the measure	Location of the measure	When to implement the measure	What requirements or standard for the measure to achieve
	ity Impact				•	
Construc	tion Phase					
A1	Good housekeeping to minimize dust generation, e.g. by properly handling and storing dusty materials	To minimize dust generation	HyD's Contractor	Whole construction site	Throughout construction phase	EIAO-TM, APCO
A2	Adopt dust control measures, such as dust suppression using water spray on exposed soil, in areas with dusty construction activities, and during material handling	To minimize dust generation due to erosion	HyD's Contractor	Whole construction site	Throughout construction phase	EIAO-TM, APCO
A3	Dust suppression shall be applied to the working area immediately before, during and immediately after site clearance, excavation or earth moving operation to keep the surface wet.	To minimize dust generation due to erosion	HyD's Contractor	Whole construction site	Throughout construction phase	EIAO-TM, APCO
A4	Use water spray to wet the remaining dusty materials on the floor after removing stockpile. The surface of roads or streets shall be free from dust	To minimize dust generation due to erosion	HyD's Contractor	Whole construction site	Throughout construction phase	EIAO-TM, APCO
A5	Storage of dusty materials and debris shall be either entirely covered by impervious sheeting or stored in a three-side and top enclosed area. Alternatively, it should be sprayed with water or a dust suppression chemical to maintain the entire surface wet	To minimize dust generation due to erosion	HyD's Contractor	Whole construction site	Throughout construction phase	EIAO-TM, APCO
A6	All demolished items (e.g. trees, vegetation, structures, debris and rubbish) that may dislodge dust particles shall be covered entirely by impervious sheeting or placed in a three-side and top enclosed area within a day of demolition.	To minimize dust generation	HyD's Contractor	Whole construction site	Throughout construction phase	EIAO-TM, APCO
A7	Store cement bags in shelter with 3 sides and the top covered by impervious materials if the stack exceeds 20 bags	To prevent leakage of cement	HyD's Contractor	Whole construction site	Throughout construction phase	EIAO-TM, APCO
A8	Cement bag shall be debagged, batched and mixed in a three- side and top enclosed area	To minimize dust generation	HyD's Contractor	Whole construction site	Throughout construction phase	EIAO-TM, APCO
A9	Maintain a reasonable height when dropping excavated materials to limit dust generation	To minimize dust generation during movement of excavated materials	HyD's Contractor	Whole construction site	Throughout construction phase	EIAO-TM, APCO
A10	Minimize exposed earth after completion of work in a certain area by hydroseeding, vegetating, soil compacting or paving	To minimize dust generation due to erosion	HyD's Contractor	Whole construction site	Throughout construction phase	EIAO-TM, APCO

EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measure & Main Concerns to address	Who to Implement the measure	Location of the measure	When to implement the measure	What requirements or standard for the measure to achieve
A11	Cover materials on trolleys and trucks before leaving the site to prevent debris from dropping during traffic movement or being blown away by wind	To prevent falling of debris during traffic movement and by wind	HyD's Contractor	Whole construction site	Throughout construction phase	EIAO-TM, APCO
A12	Water or a dust suppression chemical shall be continuously sprayed on the surface where any pneumatic or power-driven drilling, cutting, polishing or other mechanical breaking operation is carried out, unless the process is accompanied by the operation of an effective dust extraction and filtering device	To minimize dust emission	HyD's Contractor	Whole construction site	Throughout construction phase	EIAO-TM, APCO
A13	Regular maintenance of plant equipment to prevent black smoke emission	To minimize black smoke emission	HyD's Contractor	Whole construction site	Throughout construction phase	EIAO-TM, APCO
A14	Throttle down or switch off unused machines or machine in intermittent use	To minimize unncessary emission	HyD's Contractor	Whole construction site	Throughout construction phase	EIAO-TM, APCO
A15	Minimize excavation area as far as possible	To minimize dust emission and potential release of odour from exposed ground	HyD's Contractor	Whole construction site	Throughout construction phase	EIAO-TM, APCO
A16	Cover open stockpiles of construction materials (e.g. aggregates, sand and fill materials) with impermeable materials such as tarpaulin during rainstorms.	To prevent soil erosion under rainstorm	HyD's Contractor	Whole construction site	Throughout construction phase	EIAO-TM, APCO
A17	Hoarding of not less than 2.4 m high shall be erected from ground level to surround the work area except for a site entrance or exit	To minimize dust emission	HyD's Contractor	Whole construction site	Throughout construction phase	EIAO-TM, APCO
A18	Carry out air quality monitoring throughout the construction period	To monitor construction dust level	HyD's Contractor	At representative ASRs	Prior to and throughout construction phase	EIAO-TM
A19	Carry out regular site inspection to audit the implementation of mitigation measures	To check the implemenation status and effectiveness of mitigation measures	HyD's Contractor	Whole construction site	Throughout construction phase	EIAO-TM, APCO

EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measure & Main Concerns to address	Who to Implement the measure	Location of the measure	When to implement the measure	What requirements or standard for the measure to achieve
Noise In	tion Phase					
Construc	non Phase			Whole	Th	
N1	Schedule noisy activities to minimise exposure of nearby NSRs to high levels of construction noise	To minimize construction noise level	HyD's Contractor	construction site	Throughout construction phase	NCO, EIAO-TM
N2	Use hand-held plant equipment or manual equipment as far as possible	To minimize construction noise level	HyD's Contractor	Whole construction site	Throughout construction phase	NCO, EIAO-TM
N3	Use Quality Powered Mechanical Equipment (QPME) which produces lower noise level	To minimize construction noise level	HyD's Contractor	Whole construction site	Throughout construction phase	NCO, EIAO-TM
N4	In the direction of noise sensitive receivers, erect mobile barriers with 3m in height from a few metres of stationary plants, and from about 5m of more mobile plant such as hydraulic breaker to prevent direct view. The barrier should have skid footing and a small cantilevered upper portion. The minimum surface density of the movable noise barrier is 7 kg/m² and provide with noise absorbing material.	To lower noise transmission	HyD's Contractor	Whole construction site	Throughout construction phase	NCO, EIAO-TM
N5	Position mobile noisy equipment in location and direction away from NSR	To minimize noise transmission to NSR	HyD's Contractor	Whole construction site	Throughout construction phase	NCO, EIAO-TM
N6	Use silencer or muffler on plant equipment and should be properly maintained	To minimize noise transmission	HyD's Contractor	Whole construction site	Throughout construction phase	NCO, EIAO-TM
N7	Operate noisy plant equipment such as air compressor, generator and concrete pump within enclosure	To minimize noise transmission	HyD's Contractor	Whole construction site	Throughout construction phase	NCO, EIAO-TM
N8	Cover the noisy part of piling machine with acoustic mat	To minimize noise transmission	HyD's Contractor	Whole construction site	Throughout construction phase	NCO, EIAO-TM
N9	Throttle down or switch off unused machines or machine in intermittent use between work	To mimize noise production	HyD's Contractor	Whole construction site	Throughout construction phase	NCO, EIAO-TM
N10	Avoid carrying out noisy activities at the same time	To mimize noise production	HyD's Contractor	Whole construction site	Throughout construction phase	NCO, EIAO-TM

EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measure & Main Concerns to address	Who to Implement the measure	Location of the measure	When to implement the measure	What requirements or standard for the measure to achieve
N11	Reduce the percentage on-time for some noisy PMEs	To mimize noise production	HyD's Contractor	Whole construction site	Throughout construction phase	NCO, EIAO-TM
N12	Carry out noise monitoring throughout the construction period	To monitor construction noise level	HyD's Contractor	At representative NSRs	Prior to and throughout construction phase	EIAO-TM

EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measure & Main Concerns to address	Who to Implement the measure	Location of the measure	When to implement the measure	What requirements or standard for the measure to achieve
	tion Phase					
W1	Works in the river (excavation within highwater mark and cutting of pier of Old Bridge) shall be carried out inside the watertight cofferdam. The cofferdam can only be removed after completion of work.	To prevent the excavated materials or cuttings from falling into the water and being carried into the sea	HyD's Contractor	Whole construction site	Throughout construction phase	EIAO-TM
W2	Install sheet piles by vibratory action.	To minimize dispersion of sand	HyD's Contractor	Whole construction site	Throughout construction phase	ProPECC PN 1/94, EIAO-TM
W3	Erect water-tight temporary working platform that can contain falling debris above Wang Tong River. The platform shall be sheltered by tarpaulin for directing rainwater away from the working platform.	To prevent falling of debris and generation of surface runoff into the river	HyD's Contractor	Whole construction site	Throughout construction phase	ProPECC PN 1/94, EIAO-TM
W4	Water removed from the cofferdam should be desilted before discharge.	To prevent discharge of silty water	HyD's Contractor	Whole construction site	Throughout construction phase	EIAO-TM
W5	Set up sedimentation tank for settling suspended solids in wastewater before discharge into storm drains. Sand/silt removal facilities such as sand traps, silt traps and sedimentation basin should be provided with adequate capacity.	To reduce the amount of suspended solid in wastewater	HyD's Contractor	Whole construction site	Throughout construction phase	ProPECC PN 1/94, EIAO-TM
W6	Maintain silt removal facilities, channels, manholes before and after rainstorm.	To prevent failure that may lead to flooding	HyD's Contractor	Whole construction site	Throughout construction phase	ProPECC PN 1/94, EIAO-TM
W7	Remove silt and grit from silt trap at regular interval.	To prevent blockage that may lead to flooding	HyD's Contractor	Whole construction site	Throughout construction phase	ProPECC PN 1/94, EIAO-TM
W8	Design works program carefully to minimize work areas, hence minimize soil exposure and site runoff.	To minimize surface runoff and chance of erosion	HyD's Contractor	Whole construction site	Throughout construction phase	ProPECC PN 1/94, EIAO-TM
<b>W</b> 9	Arrange excavation works outside rainy seasons (April to September) as far as possible. If this cannot be achieved, the following measures should be implemented:  - Cover temporary exposed slope surfaces with impermeable materials, e.g. tarpaulin	To minimize surface runoff and chance of erosion	HyD's Contractor	Whole construction	Throughout construction	ProPECC PN 1/94, EIAO-TM
	- Protect temporary access roads by crushed stone or gravel - Carry out adequate surface protection measures well before the arrival of a rainstorm		Contractor	site	phase	

EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measure & Main Concerns to address	Who to Implement the measure	Location of the measure	When to implement the measure	What requirements or standard for the measure to achieve
W10	Minimize exposed earth after completion of work in a certain area by hydroseeding, vegetating, soil compacting or paving	To prevent soil erosion under rainstorm	HyD's Contractor	Whole construction site	Throughout construction phase	ProPECC PN 1/94, EIAO-TM
W11	Cover open stockpiles of construction materials (e.g. aggregates, sand and fill materials) with impermeable materials such as tarpaulin during rainstorms.	To prevent soil erosion under rainstorm	HyD's Contractor	Whole construction site	Throughout construction phase	ProPECC PN 1/94, EIAO-TM
W12	Cover and temporary seal manholes to prevent silt, construction materials or debris and surface runoff from entering foul sewers.	To prevent overloading of foul sewers	HyD's Contractor	Whole construction site	Throughout construction phase	ProPECC PN 1/94, EIAO-TM
W13	Placing equipment, materials and wastes away from Wang Tong River and Silver Mine Bay	To prevent water contamination	HyD's Contractor	Whole construction site	Throughout construction phase	EIAO-TM
W14	Remove waste from the site regularly.	To prevent waste accumulation	HyD's Contractor	Whole construction site	Throughout construction phase	ProPECC PN 1/94, EIAO-TM
W15	Apply discharge license for effluent discharge. Treat the discharge to comply with the requirement in TM-DSS.	To ensure compliance with effluent discharge requirement	HyD's Contractor	Whole construction site	Throughout construction phase	WPCO, TM-DSS, EIAO-TM
W16	Reuse treated effluent onsite, e.g. dust suppression and general cleaning.	To minimize wastewater generation	HyD's Contractor	Whole construction site	Throughout construction phase	Waste Disposal Ordinance, EIAO-TM
W17	Monitor effluent water quality.	To ensure compliance with effluent discharge requirement	HyD's Contractor	Whole construction site	Throughout construction phase	WPCO, EIAO-TM
W18	Register as chemical waste producer if chemical waste will be generated.	To control chemical waste	HyD's Contractor	Whole construction site	Throughout construction phase	Waste Disposal (Chemical Waste) (General) Regulation, EIAO-TM
W19	Perform maintenance of vehicles and equipment that have oil leakage and spillage potential on hard standings within a bunded area with sumps and oil interceptors.	To prevent oil leakage or spillage	HyD's Contractor	Whole construction site	Throughout construction phase	Waste Disposal (Chemical Waste) (General) Regulation, EIAO-TM
W20	Dispose chemical waste in accordance to Waste Disposal Ordinance. Follow the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes, examples as follows:  - Store chemical wastes at designated safe location with adequate space	To avoid accident in waste storage and handling	HyD's Contractor	Whole construction site	Throughout construction phase	Waste Disposal Ordinance, EIAO-TM
W21	Placing chemical toilet away from waterbodies as far as possible and on stable, impermeable surface	To minimize accidental leakage of sewage into waterbodies	HyD's Contractor	Whole construction site	Throughout construction phase	EIAO-TM

EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measure & Main Concerns to address	Who to Implement the measure	Location of the measure	When to implement the measure	What requirements or standard for the measure to achieve
W22	Carry out water quality monitoring at water sensitive receivers	To identify any water quality impact due to the project	HyD's Contractor	Whole construction site	Before, throughout and after construction phase	EIAO-TM
W23	Carry out regular site inspection to audit the implementation of mitigation measures	To check the implemenation status and effectiveness of mitigation measures	HyD's Contractor	Whole construction site	Throughout construction phase	EIAO-TM, APCO

EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measure & Main Concerns to address	Who to Implement the measure	Location of the measure	When to implement the measure	What requirements or standard for the measure to achieve
<b>Ecologic</b>	al Impact					
Construc	tion Phase					
E1	Before site clearance, the work area should be inspected by ecologist to confirm no active bird nest is present. If any active bird nest is identified, suitable size of buffer area should be established until the nest is abandoned.	To minimize direct impact on the breeding activity of Black- collared Starling	HyD's Contractor	Whole construction site	Before site clearance	EIAO-TM
E2	Erection of hoarding, fencing or provision of clear demarcation of work zones	To minimize direct impact outside work boundary	HyD's Contractor	Whole construction site	Throughout construction phase	EIAO-TM

EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measure & Main Concerns to address	Who to Implement the measure	Location of the measure	When to implement the measure	What requirements or standard for the measure to achieve
	anagement					
Construc	tion Phase			ı	T	
WM1	Allocate an area for waste sorting and storage of C&D materials into the following categories for reuse, recycle or disposal if possible. Remove waste from the Site for sorting once generated if no suitable space can be identified.	To minimize wests concretion	HyD's Contractor	Whole construction	Throughout	Waste Disposal Ordinance, EIAO-TM
	<ul> <li>excavated material suitable for reuse</li> <li>inert C&amp;D materials for reuse/disposal offsite</li> <li>non-inert C&amp;D materials for disposal at landfills</li> <li>chemical waste</li> </ul>	To minimize waste generation		site	construction phase	
WM2	<ul> <li>general refuse</li> <li>Adopt good site practice as follows:</li> <li>Provide training to workers on site cleanliness, waste management (waste reduction, reuse and recycle) and chemical handling procedures</li> <li>Provide sufficient waste collection points and regular removal</li> <li>Cover waste materials with tarpaulin or in enclosure during transportation</li> <li>Maintain drainage systems, sumps and oil interceptors</li> <li>Sort out chemical waste for proper handling and treatment onsite or offsite</li> </ul>	To proper handling of waste	HyD's Contractor	Whole construction site	Throughout construction phase	Waste Disposal Ordinance, EIAO- TM
WM3	Adopt waste reduction measures as follows:  - Allocate area/containers for sorting, recovering and storing waste for reuse, recycle or disposal (e.g. demolition debris and excavated materials, general refuse like aluminium cans).  Remove waste from the Site for sorting once generated if no suitable space can be identified.  - Allocate area for proper storage of construction materials to prevent contamination	To minimize waste generation	HyD's Contractor	Whole construction site	Throughout construction phase	Waste Disposal Ordinance, EIAO-TM

EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measure & Main Concerns to address	Who to Implement the measure	Location of the measure	When to implement the measure	What requirements or standard for the measure to achieve
WM4	Prepare and implement a site specific Waste Management Plan (WMP) as part of Environmental Management Plan (EMP) in accordance with ETWB TCW No. 19/25. Detail waste management method in the form of avoidance, reuse, recovery, recycling, storage, collection, treatment and disposal according to the recommendations on the EIA and EM&A Manual. It should be approved by the ER and regularly reviewed.	To provide guidance to waste management	HyD's Contractor	Whole construction site	Throughout construction phase	ETWB TCW No. 19/2005, EIAO-TM
	Store waste materials properly as follows:					
WM5	- Avoid contamination by proper handling and storing waste - Prevent erosion by covering waste - Maintain and clean storage area regularly	To properly store waste	HyD's Contractor	Whole construction site	Throughout construction phase	ProPECC PN 1/94, EIAO-TM
	- Sort and stockpile different materials at designated location to enhance reuse					
WM6	Apply for relevant waste disposal permits in accordance with the Waste Disposal Ordinance (Cap. 354), Waste Disposal (Charges for Disposal of Construction Waste) Regulation (Cap. 345) and the Land (Miscellaneous Provisions) Ordinance (Cap. 28).	To properly dispose waste	HyD's Contractor	Whole construction site	Throughout construction phase	Waste Disposal Ordinance (Cap. 354), Waste Disposal (Charges for Disposal of Construction Waste) Regulation (Cap. 345) and the Land (Miscellaneous Provisions) Ordinance (Cap. 28), Dumping at Sea Ordinance (Cap. 466), EIAO-TM
WM7	Implement trip-ticket system for recording the amount of waste generated, recycled and disposed, including chemical wastes	To monitor movement of waste	HyD's Contractor	Whole construction site	Throughout construction phase	Waste Disposal (Chemical Waste) (General) Regulation, Waste Disposal Ordinance, EIAO-TM
WM8	Reduce water content in wet spoil generated from piling work by mixing with dry materials. Only dispose treated spoil with less than 25% dry density to Public Fill Reception Facilities	To minimize load to reception facilities	HyD's Contractor	Whole construction site	Throughout construction phase	Waste Disposal Ordinance, EIAO-TM
WM9	Dispose dry waste or waste with less than 70% water content by weight to landfill	To minimize load to reception facilities	HyD's Contractor	Whole construction site	Throughout construction phase	Waste Disposal Ordinance, EIAO- TM

EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measure & Main Concerns to address	Who to Implement the measure	Location of the measure	When to implement the measure	What requirements or standard for the measure to achieve
WM10	Follow the Code of Practice on the Packaging, Labelling and Storage of Chemical Waste as follows:  - Store chemical wastes with suitable containers. Seal and maintain the container to avoid leakage or spillage during storage, handling and transport  - Label chemical waste containers in both English and Chinese with instructions in accordance to Schedule 2 of the Waste Disposal (Chemical Waste) (General) Regulation  - The container capacity should be smaller than 450 litres unless agreed by the EPD	To avoid accident in waste storage and handling	HyD's Contractor	Whole construction site	Throughout construction phase	Waste Disposal Ordinance, EIAO-TM
W11	Comply with the requirement of the chemical storage area:  - Store only chemical waste and label clearly the chemical characters of the waste  - Have at least 3 sides enclosed and protected from rainfall with cover  - Provide sufficient ventilation  - Have impermeable floor and has bunds to contain 110% of the capacity of the largest container or 20% of the total volume of the stored waste in the area, whichever is larger  - Adequately spaced incompatible materials	To ensure proper storage of chemical waste	HyD's Contractor	Whole construction site	Throughout construction phase	Waste Disposal Ordinance, EIAO-TM
W12	Transfer used lubricants, waste oils and other chemicals to oil recycling companies, if possible, and empty oil drums for reuse or refill. No direct or indirect discharge is permitted	To ensure proper disposal of chemical waste	HyD's Contractor	Whole construction site	Throughout construction phase	Waste Disposal (Chemical Waste) (General) Regulation, EIAO-TM
W13	Hire licensed chemical waste disposal contractors for waste collection and removal. Dispose chemical waste at the approved CWTC at Tsing Yi or other licensed facility	To ensure proper disposal of chemical waste	HyD's Contractor	Whole construction site	Throughout construction phase	Waste Disposal (Chemical Waste) (General) Regulation, EIAO-TM
W14	Provide recycling bins for sorting out recyclables for collection by recycling companies. Non-recyclables should be removed to designated landfills every day by licensed collectors to prevent environmental and health nuisance.	To ensure proper recycling and disposal of general refuse	HyD's Contractor	Whole construction site	Throughout construction phase	Waste Disposal Ordinance, EIAO-TM
W15	Terminate excavation work if contaminated soil is found. Prepare Land Contamination Plan (CAP) in accordance with EPD's Guidance Note for Contaminated Land Assessment and Remediation for identifying soil and groundwater sampling locations, followed by testing and remediation where necessary.	To identify presence of contaminated soil and provide proper remediation	HyD's Contractor	Whole construction site	Throughout construction phase	Waste Disposal Ordinance, EIAO-TM

EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measure & Main Concerns to address	Who to Implement the measure	Location of the measure	When to implement the measure	What requirements or standard for the measure to achieve
W16	Marine sediment shall be cement solidified and and sent to laboratory for Toxicity Characteristics Leaching Procedure (TCLP) test according to USEPA Method 1311 and 6020. The results are considered satisfactory if Universal Treatment Standards (UTS) are being met as per Table 4.6 of Practice Guide of Investigation and Remediation of Contaminated Land. The Unconfined Compressive Strength (UCS) of the solidified sediment shall also reach 1000kPa according to the above Practice Guide. If the TCLP and UCS testing results cannot meet the criteria, the sediment shall be retreated by cement solidification. After passing the tests, the solidified sediment shall be backfilled on land after the piling work (e.g. for construction of new piers and abutments). Alternatively, the solidified sediment shall be delivered to public fill reception facilities for beneficial reuse as the last resort.	To prevent leakage of contaminants to water.	HyD's Contractor	Whole construction site	Throughout construction phase	Waste Disposal Ordinance, EIAO-TM, Practice Guide of Investigation and Remediation of Contaminated Land

EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measure & Main Concerns to address	Who to Implement the measure	Location of the measure	When to implement the measure	What requirements or standard for the measure to achieve				
	andscape and Visual									
Construct	onstruction Phase									
CM1	The construction area and contractor's temporary works areas should be minimised to avoid impacts on adjacent landscape. (Measure for mitigating Landscape and Visual impacts)	To minimise landscape footprint and reduce potential for visual impact	HyD's Contractor	Adjacent to existing bridge	Construction Phase	To approved Detailed Design and RLA's Approval				
CM2	Reduction of construction period to practical minimum. (Measure for mitigating Visual impact)	To reduce duration of impacts	HyD's Contractor	N/A	Construction Phase	To approved Detailed Design and RLA's Approval				
СМЗ	Construction traffic (land and sea) including construction plant, construction vessels and barges should be kept to a practical minimum.  (Measure for mitigating Visual impact)	To minimise temporary visual impacts	HyD's Contractor	Connecting roads to site and Silver Mine Bay	Construction Phase	To approved Detailed Design and RLA's Approval				
CM4	Erection of decorative mesh screens or construction hoardings around works areas in visually unobtrusive colours.  (Measure for mitigating Visual impact)	To screen works sites and plant	HyD's Contractor	Around works areas	Construction Phase	To approved Detailed Design and RLA's Approval				
CM5	Avoidance of excessive height and bulk of site buildings and structures. (Measure for mitigating Visual impact)	To reduce temporary visual impacts	HyD's Contractor	Within works sites	Construction Phase	To approved Detailed Design and RLA's Approval				
CM6	Control of night-time lighting by hooding all lights and through minimisation of night working periods. (Measure for mitigating Visual impact)	To reduce temporary visual impacts	HyD's Contractor	Within works sites	Construction Phase	To approved Detailed Design and RLA's Approval				

EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measure & Main Concerns to address	Who to Implement the measure	Location of the measure	When to implement the measure	What requirements or standard for the measure to achieve
CM7	All existing trees shall be carefully protected before, during construction and after construction. A Detailed Tree Protection Specification shall be provided in the Contract Specification. Under this specification, the Contractor shall be required to submit a detailed working method statement for the protection of trees prior to undertaking any works adjacent to all retained trees or trees to be transplanted, including trees in contractor's works areas for approval by the Registered Landscape Architect (RLA). This method statement for tree protection and transplanting shall make reference to "Guidelines on Tree Preservation during Construction" and "Guidelines on Tree Transplanting" published by GLTM of the DEVB. Early preparation of trees to be transplanted shall be undertaken to increase their likely survival rate following transplanting. (Measure for mitigating Landscape impact)	To minimise tree impacts and maximise tree preservation	HyD's Contractor	Within and adjacent to works sites	Construction Phase	To approved Detailed Design and RLA's Approval
CM8	Minimisation of Impacts to Wang Tong River through minimised and carefully controlled dredging for pile/abutment removal/construction works. (Measure for mitigating Landscape impact)	To minimise contamination of Wang Tong River	HyD's Contractor	Wang Tong River	Construction Phase	To approved Detailed Design and RLA's Approval



# Appendix 4.1

Action and Limit Level

## **Lam Environmental Services Limited**

Contract No: HY/2019/14 New Wang Tong River Bridge

## **Action and Limit Level**

## Action and Limit Level for Noise Monitoring

Monitoring Station ID	Time Period	Parameter	Action Level	Limit Level dB(A)
NMS1	0700-1900 hrs on normal weekdays	Leq, 30min	When one documented complaint is received	75

# Baseline Level for Noise Monitoring (For reference and calculation of Construction Noise Levels (CNLs))

Monitoring		0700-1900 hrs on normal weekdays			
Monitoring Station ID	Monitoring Station	L <sub>eq (30min)</sub> , dB(A)			
Station ib		Average	Range		
NMS1	1 Tung Wan Tau Road	60.1	52.7 – 64.4		

#### Remark:

Each of daily 30-minute sampling period includes six consecutive L<sub>eq (5min)</sub> readings.

Due to free-field measurement, a correction factor of +3 dB(A) is adopted.

All the Construction Noise Levels (CNLs) reported in this report were adjusted with the corresponding baseline level (i.e. Measured Leq - Baseline Leq = CNL), in order to facilitate the interpretation of the noise exceedance.

## Action and Limit Level for Air Quality Monitoring

Monitoring Station	1-hour T	SP Level	24-hour TSP Level		
ID	Action Level (µg/m³)	Limit Level (µg/m³)	Action Level (μg/m³)	Limit Level (µg/m³)	
AMS1	276.5	500.0	176.0	260.0	
AMS2	283.7	500.0	176.0	260.0	

# **Lam Environmental Services Limited**

Contract No: HY/2019/14 New Wang Tong River Bridge

# Action and Limit Level for Water Monitoring

Monitoring		DO (m	ng/L) +	Turbidity	/ (NTU) ~	SS (mg/L) ~		
Station	Depth	Action	Limit	Action	Limit	Action	Limit	
Station		Level	Level	Level	Level	Level	Level	
<b>W</b> 1				7.7 NTU or 120% of upstream control station's turbidity at the same tide of the same day, whichever is higher	120% of upstream	120% of upstream control	120% of 1 upstream u	11.3 mg/L or 130% of upstream control
W2	Middle	6.5	5.3		station's turbidity at the same tide of the same day, whichever is higher	station's SS at the same tide of the same day, whichever is higher	station's SS at the same tide of the same day, whichever is	
W4							higher	
W5					10.5 NTU or	_	_	
W6	Middle			same tide of the same day, whichever is higher	130% of upstream control station's turbidity at the same tide of the same day, whichever is higher	12.6 mg/L or 120% of upstream	15.0 mg/L or 130% of upstream	
W7								
W8	Surface & Middle	5.9				control station's SS at the same tide of the same day, whichever is higher	control station's SS at the same tide of the same day, whichever is higher	
	Bottom	5.9	5.5					

Remarks +: For DO, non-compliance occurs when monitoring results is lower than the limits.

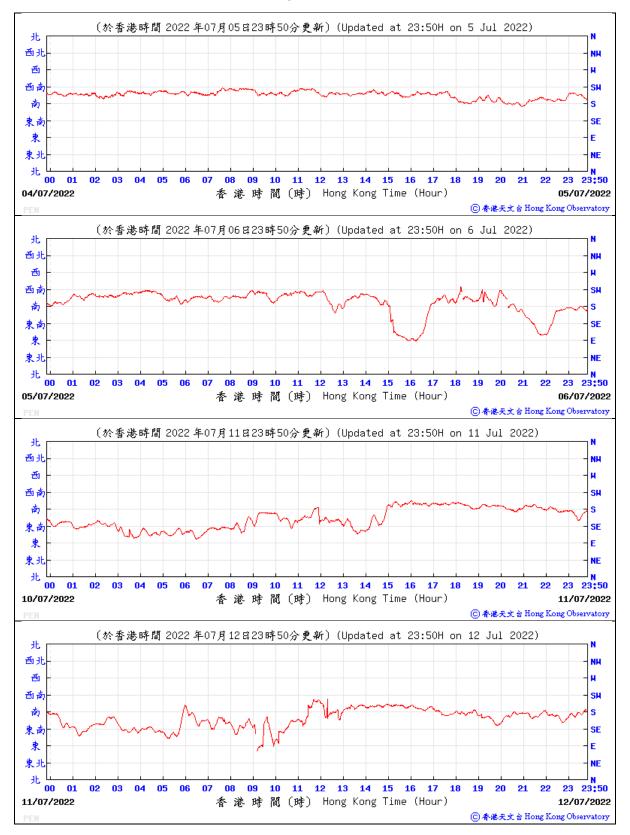
Remarks ~: For SS and Turbidity, non-compliance occurs when monitoring results is larger than the limits.

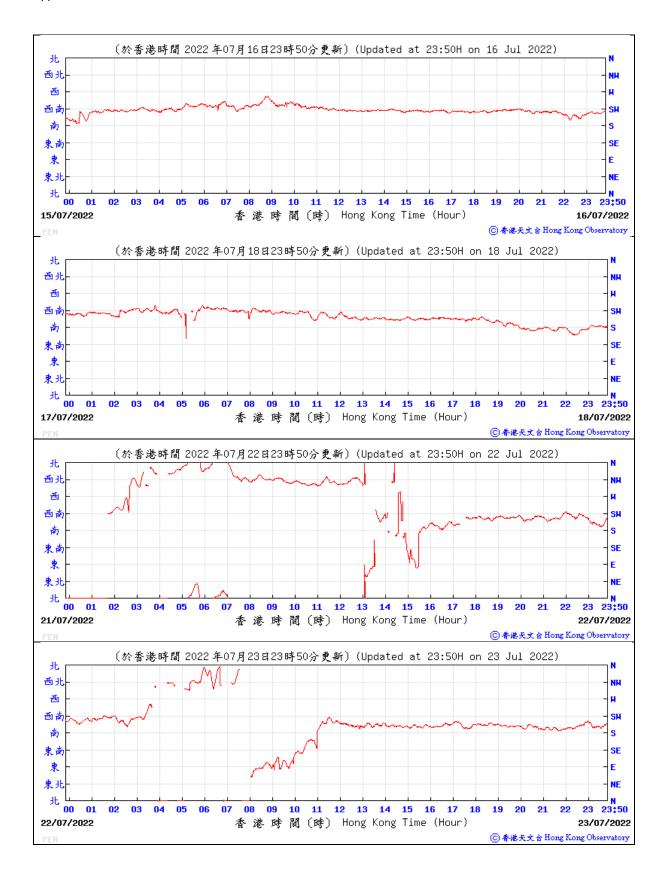


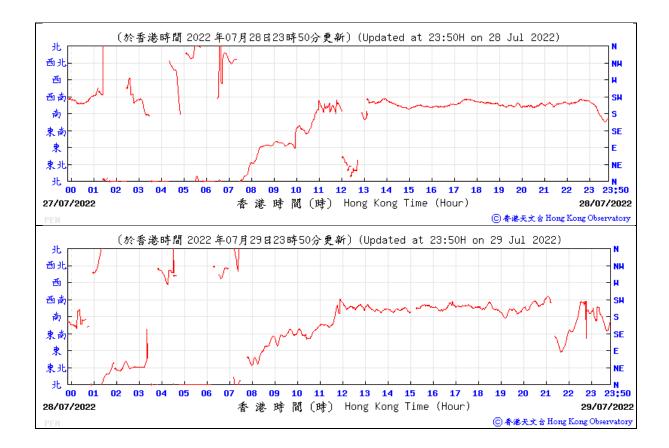
# Appendix 4.3

Wind data extracted from HKO Automatic Weather Station

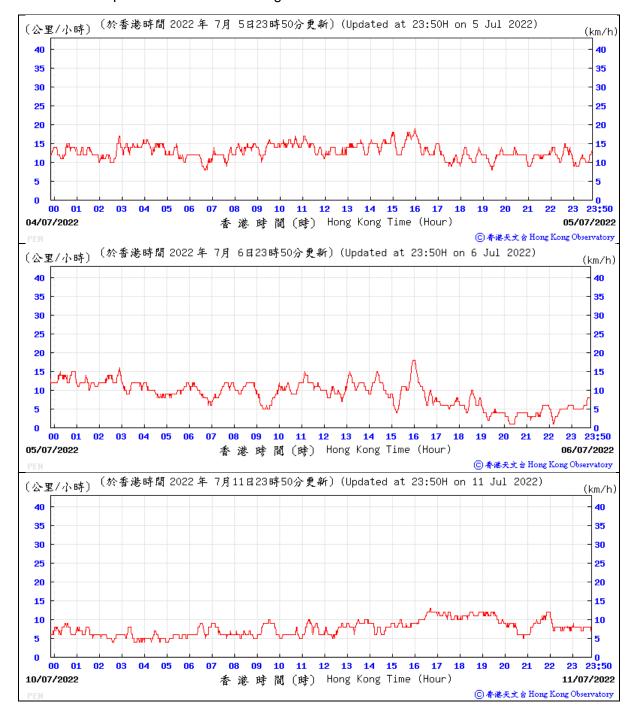
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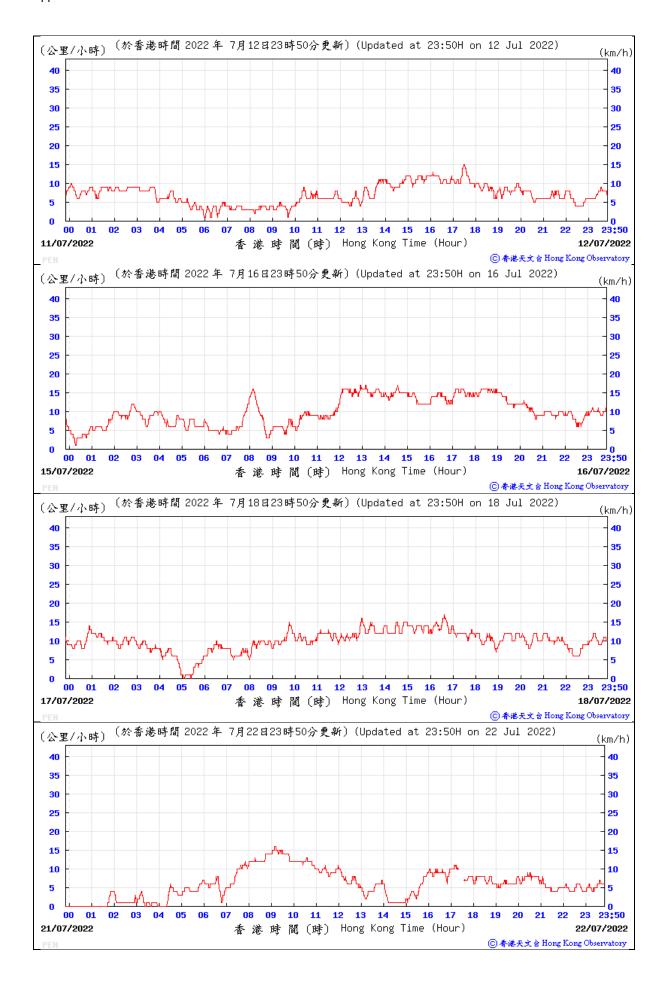


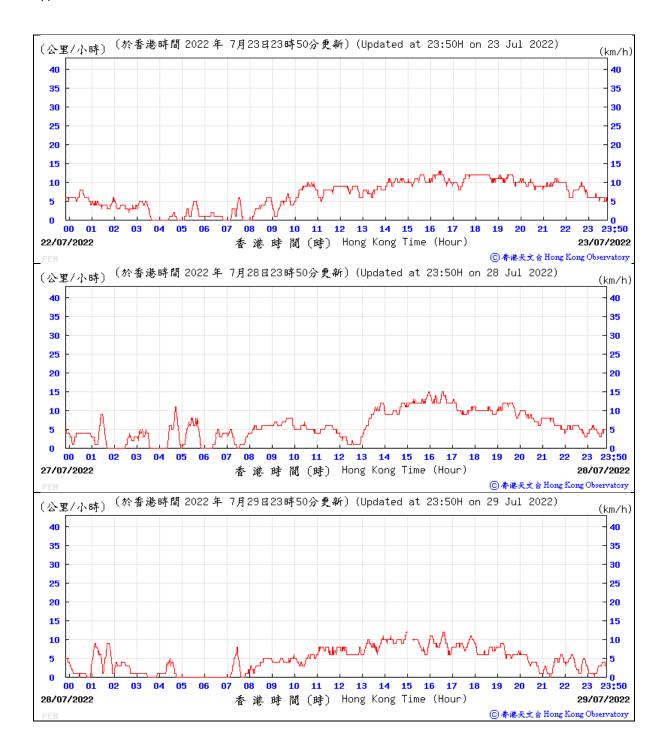




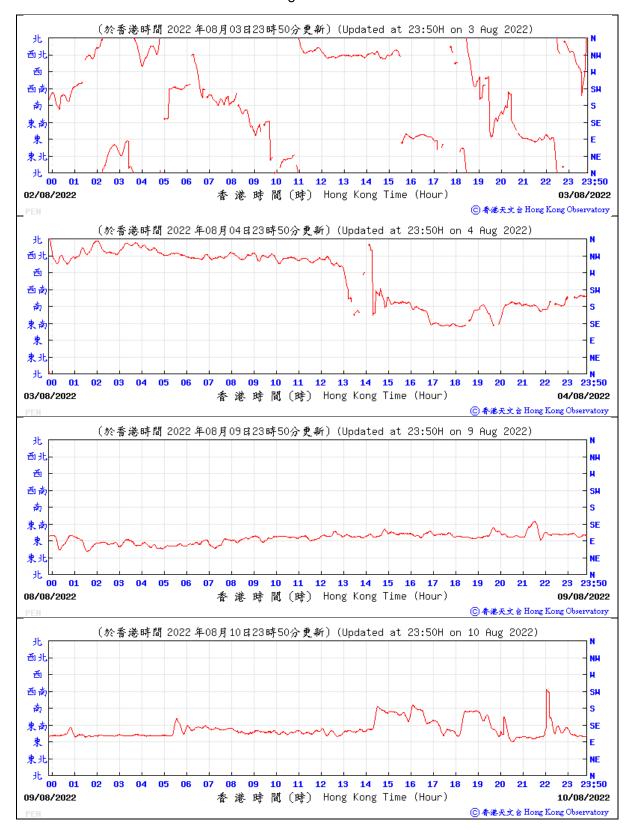
# B. Wind Speed extracted from Peng Chau Automatic Weather Station

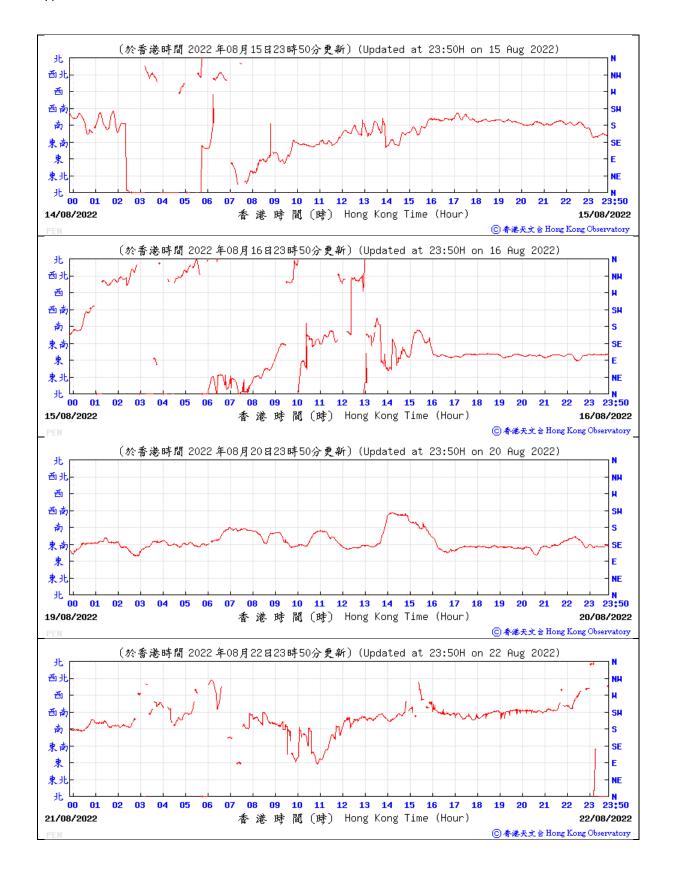


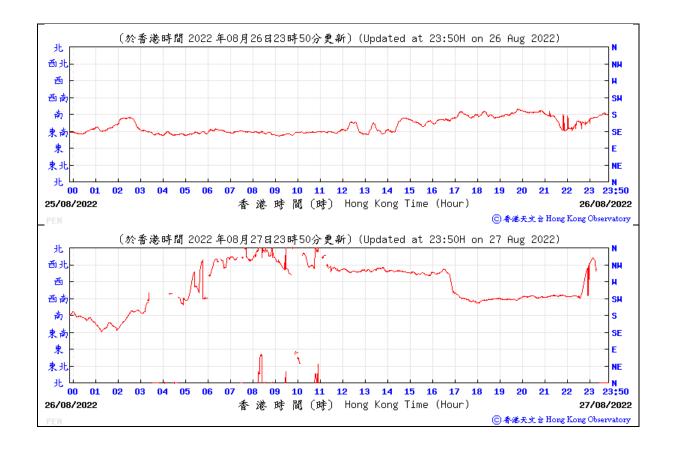




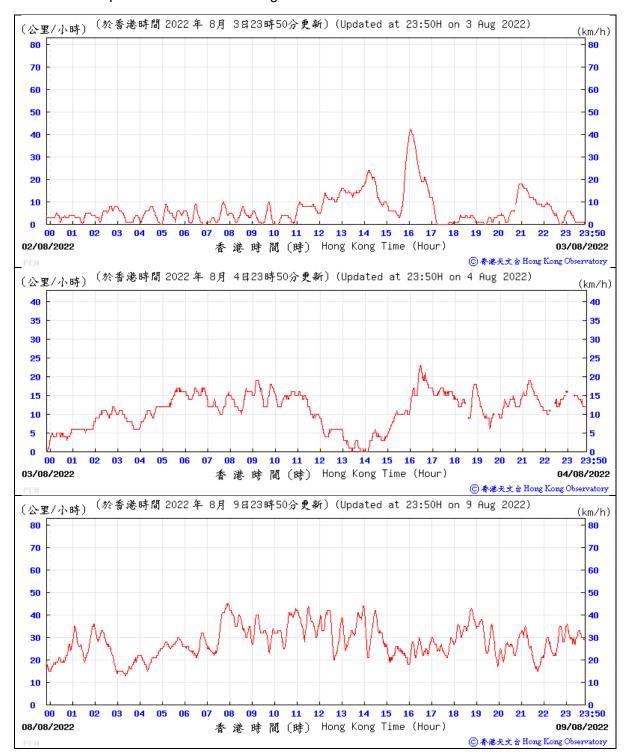
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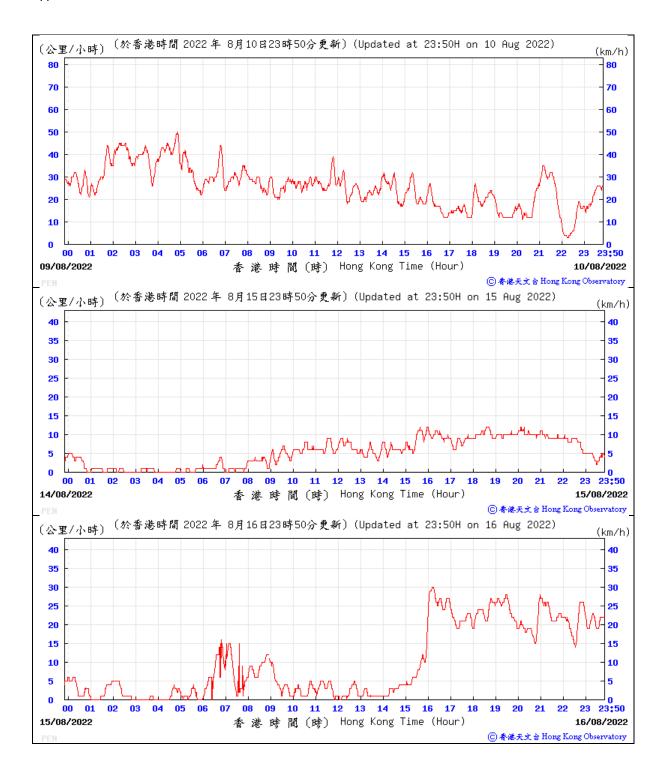


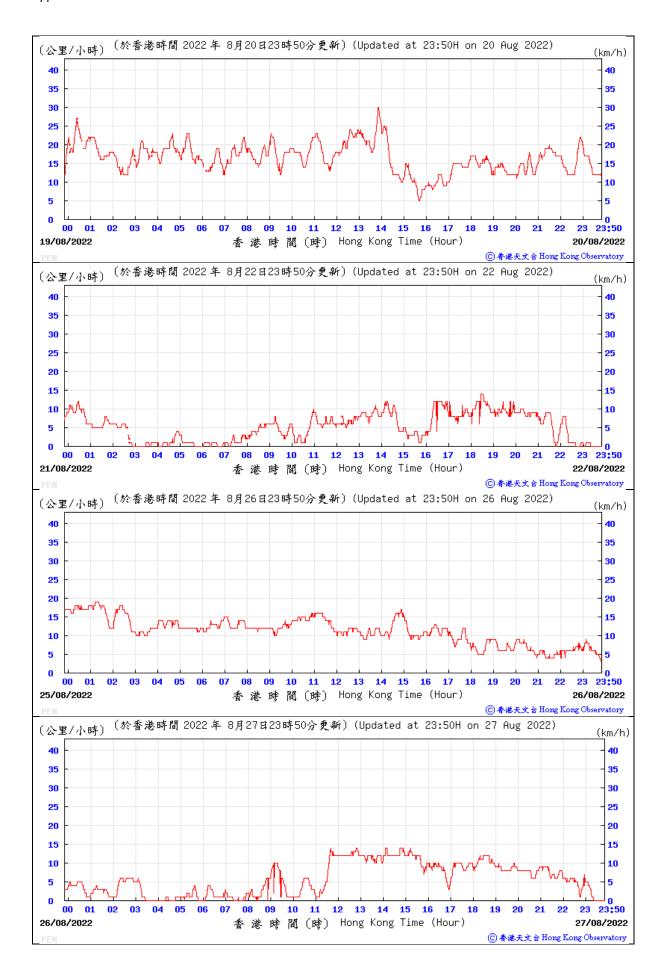




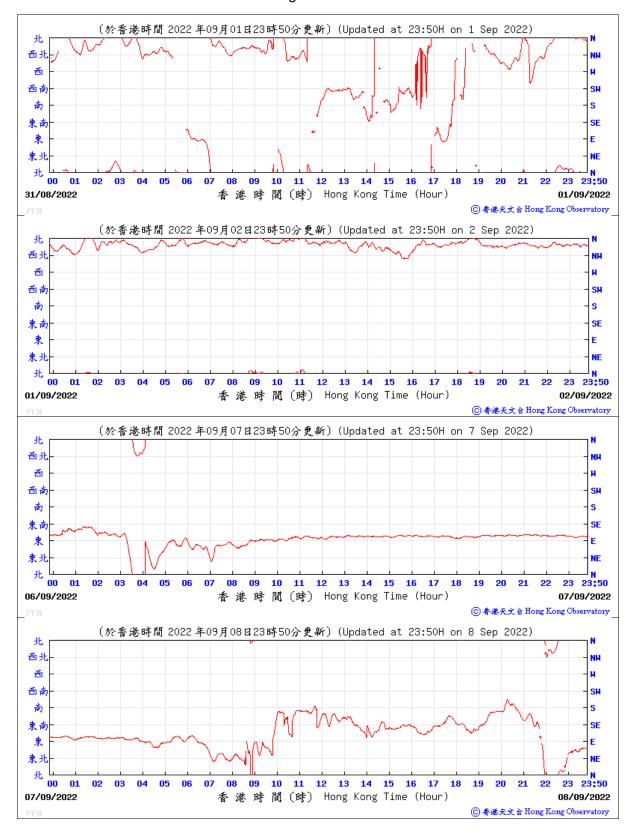
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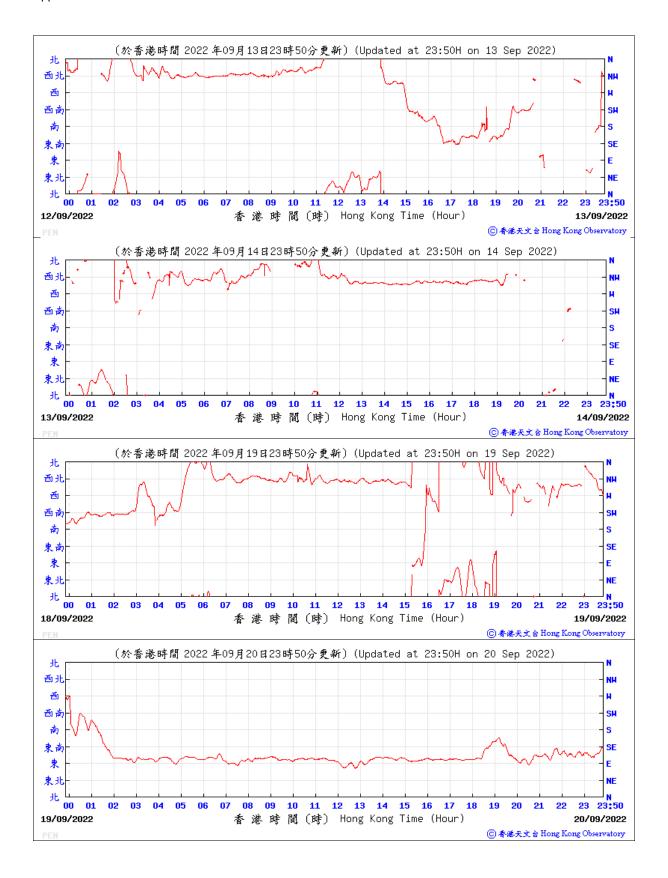


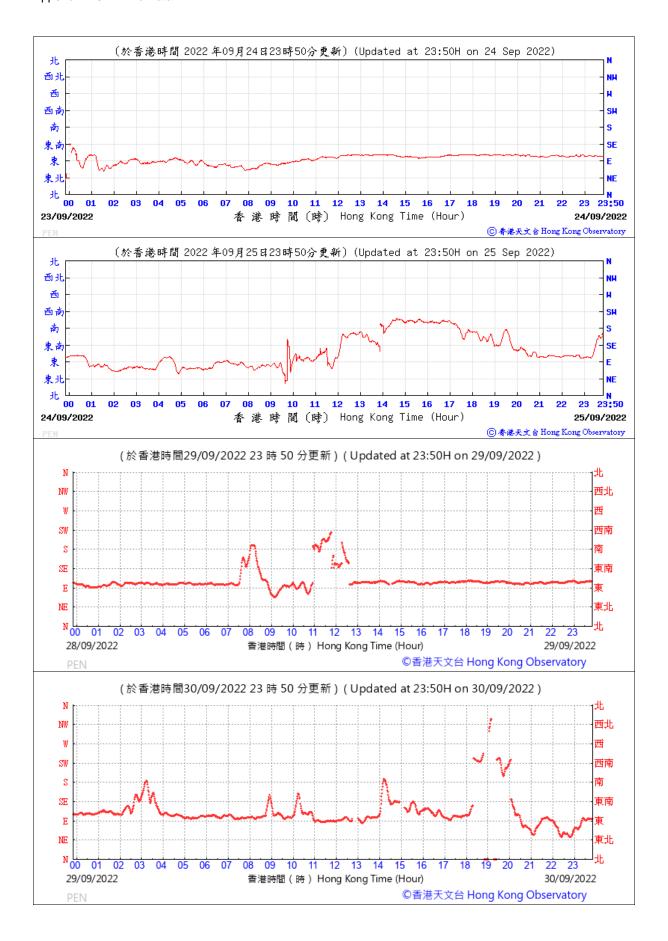




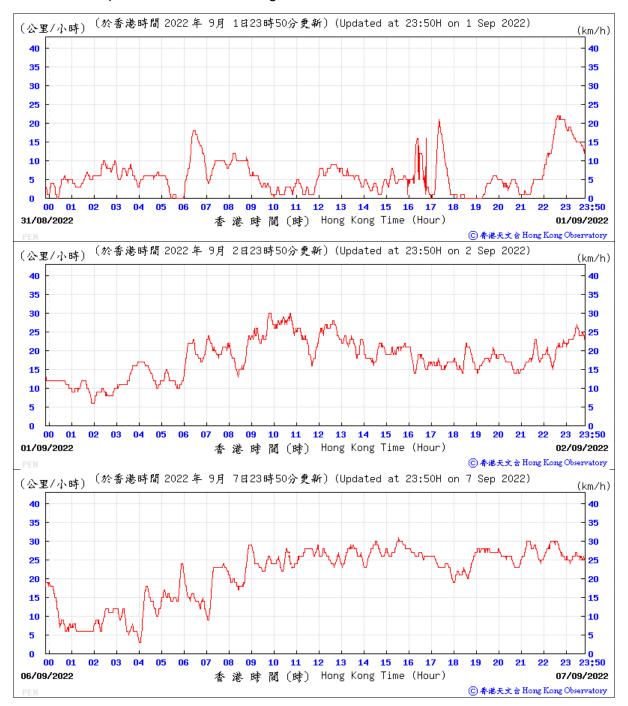
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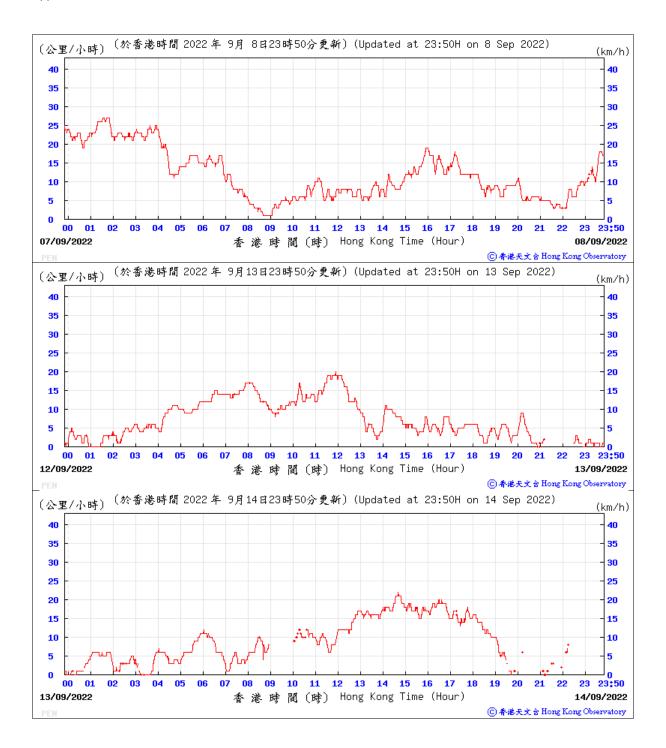


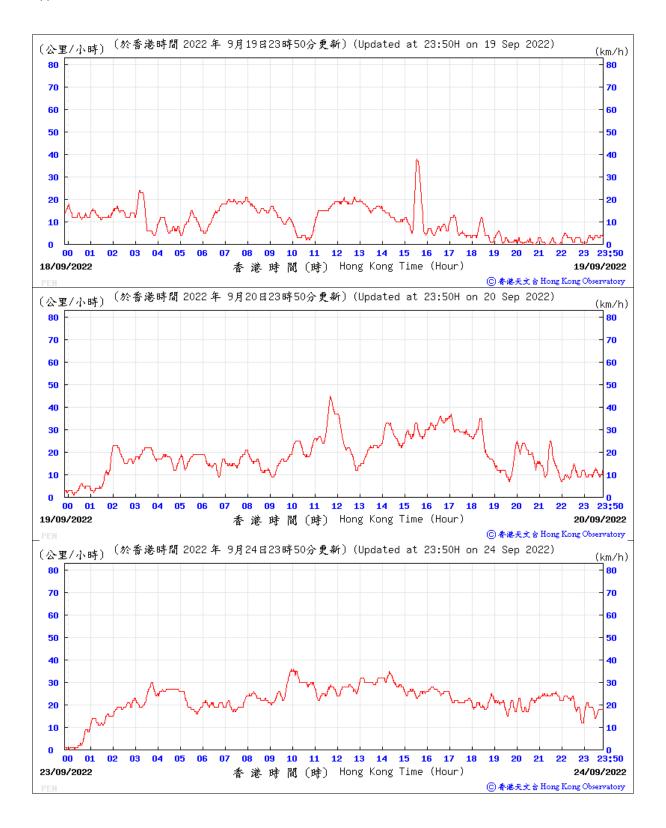


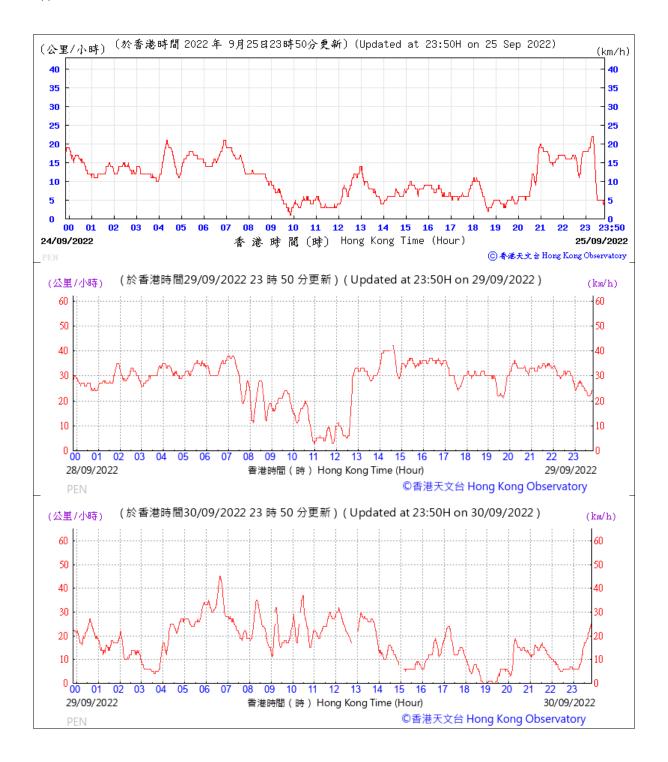


# B. Wind Speed extracted from Peng Chau Automatic Weather Station











# Appendix 5.2

Noise Monitoring Results and Graphical Presentations



### Noise Monitoring Result

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

Location: NMS1 - 1 Tung Wan Tau Road

			Measur	ement Nois	se Level	Average Noise Level#	Baseline Level	Construction Noise Level	Limit Level		
Date	Weather	Time	L <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub>	L <sub>eq</sub>	$L_{eq}$	L <sub>eq</sub>		
			Unit:	dB(A), (30	-min)		Unit: dB(A), (30-min)				
6 Jul 2022	Cloudy	10:30	60.6	63.1	45.1	60.6	60.1	51.0	75		
12 Jul 2022	Sunny	10:30	62.1	65.5	45.6	62.1	60.1	57.8	75		
18 Jul 2022	Sunny	10:30	58.7	61.5	45.3	58.7	60.1	<baseline level=""></baseline>	75		
29 Jul 2022	Sunny	10:30	59.3	62.8	46.2	59.3	60.1	<baseline level=""></baseline>	75		



### Noise Monitoring Result

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

Location: NMS1 - 1 Tung Wan Tau Road

			Measur	ement Nois	se Level	Average Noise Level#	Baseline Level	Construction Noise Level	Limit Level				
Date	Weather	Time	L <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub>	L <sub>eq</sub>	L <sub>eq</sub>	L <sub>eq</sub>				
			Unit:	dB(A), (30	-min)		Unit: dB(A), (30-min)						
4 Aug 2022	Cloudy	10:30	56.3	57.8	48.6	56.3	60.1	<baseline level=""></baseline>	75				
10 Aug 2022	Cloudy	10:30	60.3	63.1	54.2	60.3	60.1	60.1 46.8					
16 Aug 2022	Sunny	10:30	64.4	67.2	56.7	64.4	60.1	62.4	75				
22 Aug 2022	Sunny	10:30	67.8	70.3	59.9	67.8	60.1	67.0	75				



### Noise Monitoring Result

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

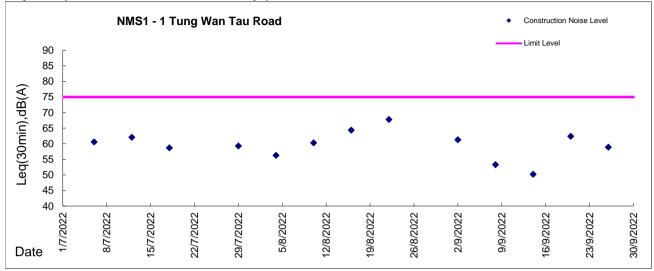
Location: NMS1 - 1 Tung Wan Tau Road

			Measur	ement Nois	se Level	Average Noise Level#	Baseline Level	Construction Noise Level	Limit Level
Date	Weather	Time	L <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub>	L <sub>eq</sub>	L <sub>eq</sub>	L <sub>eq</sub>
			Unit:	dB(A), (30	-min)		Unit: d	B(A), (30-min)	
2 Sep 2022	Sunny	10:30	61.3	65.8	52.4 61.3 60		60.1	55.1	75
8 Sep 2022	Sunny	10:30	53.3	55.6	48.4	53.3	60.1	<baseline level=""></baseline>	75
14 Sep 2022	Sunny	10:30	50.2	51.2	46.6	50.2	60.1	<baseline level=""></baseline>	75
20 Sep 2022	Sunny	10:30	62.4	66.6	53.2	62.4	60.1	58.5	75
26 Sep 2022	Sunny	10:30	58.9	62.0	50.2	58.9	60.1	<baseline level=""></baseline>	75



**Graphic Presentation of Noise Monitoring Result** 

Day Time (0700 - 1900hrs on normal weekdays)





# Appendix 5.3

Air Quality Monitoring Results and Graphical Presentations



Report on 1-hour TSP monitoring at AMS1 - Slivermine Beach Resort Limit Level (µg/m $^3\!\!$ ) -

Date	Weather Condition	Time	TSP Level (µg/m³)
6-Jul-22	Sunny	9:16	42.7
6-Jul-22	Sunny	10:16	85.9
6-Jul-22	Sunny	11:16	57.7
12-Jul-22	Sunny	9:26	20.1
12-Jul-22	Sunny	10:26	56.5
12-Jul-22	Sunny	11:26	17.5
18-Jul-22	Sunny	9:27	83.8
18-Jul-22	Sunny	10:27	66.6
18-Jul-22	Sunny	11:27	61.9
23-Jul-22	Sunny	9:39	32.2
23-Jul-22	Sunny	10:39	34.2
23-Jul-22	Sunny	11:39	23.1
29-Jul-22	Sunny	9:46	47.7
29-Jul-22	Sunny	10:46	47.2
29-Jul-22	Sunny	11:46	61.9



Report on 1-hour TSP monitoring at AMS2 - 1 Tung Wan Tau Road Limit Level ( $\mu g/m^3$ ) -

Date	Weather Condition	Time	TSP Level (µg/m³)
6-Jul-22	Sunny	9:16	34.9
6-Jul-22	Sunny	10:16	70.3
6-Jul-22	Sunny	11:16	47.2
12-Jul-22	Sunny	9:53	44.3
12-Jul-22	Sunny	10:53	27.4
12-Jul-22	Sunny	11:53	15.1
18-Jul-22	Sunny	9:48	69.4
18-Jul-22	Sunny	10:48	59.2
18-Jul-22	Sunny	11:48	47.9
23-Jul-22	Sunny	10:00	24.2
23-Jul-22	Sunny	11:00	22.3
23-Jul-22	Sunny	12:00	33.6
29-Jul-22	Sunny	10:13	56.3
29-Jul-22	Sunny	11:13	47.1
29-Jul-22	Sunny	12:13	46.3



Contract No. HY/2019/04

New Wang Tong River Bridge

	Date	Sampling	Weather	Filter paper no.	Filter W	eight, g	Elapse	Time, hr	Sampling	FI	ow Rate, m³/m	nin	Total	TSP Level,
	Date	Time	Condition	Titter paper no.	Initial	Final	Initial	Final	Time, hr	Initial, Qsi	Final, Qsf	Average	Volume, m <sup>3</sup>	μg/m³
AMS1	05/07/22	8:00	Cloudy	010399	2.7626	2.8000	2222.17	2246.17	24.00	0.74	0.77	0.75	1086	34.5
AMS1	11/07/22	10:00	Sunny	010374	2.7495	2.7822	2246.17	2270.17	24.00	0.79	0.98	0.88	1272	25.7
AMS1	16/07/22	8:00	Sunny	010375	2.7593	2.8143	2270.17	2294.17	24.00	0.78	1.00	0.89	1278	43.0
AMS1	22/07/22	8:00	Sunny	010376	2.7561	2.8206	2294.21	2318.21	24.00	0.80	0.96	0.88	1262	51.1
AMS1	28/07/22	8:00	Sunny	010377	2.7615	2.8178	2318.21	2342.21	24.00	0.80	0.95	0.88	1264	44.5
AMS2	05/07/22	8:00	Cloudy	010368	2.7540	2.7966	2737.66	2761.66	24.00	1.01	1.01	1.01	1459	29.2
AMS2	11/07/22	10:00	Sunny	010369	2.7412	2.7705	2761.80	2785.80	24.00	1.01	1.01	1.01	1456	20.1
AMS2	16/07/22	8:00	Sunny	010370	2.7425	2.7646	2785.80	2809.80	24.00	0.89	0.89	0.89	1278	17.3
AMS2	22/07/22	8:00	Sunny	010371	2.7465	2.7821	2809.80	2833.80	24.00	0.97	0.97	0.97	1398	25.5
AMS2	28/07/22	8:00	Sunny	010372	2.7429	2.7830	2833.80	2857.80	24.00	1.05	1.05	1.05	1514	26.5

Remarks:



Report on 1-hour TSP monitoring at AMS1 - Slivermine Beach Resort Limit Level (µg/m³) -

Date	Weather Condition	Time	TSP Level (µg/m³)
4-Aug-22	Cloudy	9:41	35.5
4-Aug-22	Cloudy	10:41	14.5
4-Aug-22	Cloudy	11:41	11.6
10-Aug-22	Rainy	10:23	167.8
10-Aug-22	Rainy	11:23	224.6
10-Aug-22	Rainy	12:23	65.5
16-Aug-22	Cloudy	9:51	38.2
16-Aug-22	Cloudy	10:51	29.9
16-Aug-22	Cloudy	11:51	28.7
22-Aug-22	Sunny	10:41	55.6
22-Aug-22	Sunny	11:41	45.8
22-Aug-22	Sunny	12:41	43.1
27-Aug-22	Sunny	9:07	43.6
27-Aug-22	Sunny	10:07	42.0
27-Aug-22	Sunny	11:07	146.0



Report on 1-hour TSP monitoring at AMS2 - 1 Tung Wan Tau Road Limit Level ( $\mu g/m^3$ ) -

Date	Weather Condition	Time	TSP Level (µg/m³)
4-Aug-22	Cloudy	10:23	40.2
4-Aug-22	Cloudy	11:23	21.8
4-Aug-22	Cloudy	12:23	16.5
10-Aug-22	Rainy	10:45	134.8
10-Aug-22	Rainy	11:45	172.7
10-Aug-22	Rainy	12:45	51.4
16-Aug-22	Cloudy	10:13	40.1
16-Aug-22	Cloudy	11:13	24.6
16-Aug-22	Cloudy	12:13	23.8
22-Aug-22	Sunny	11:04	50.7
22-Aug-22	Sunny	12:04	37.6
22-Aug-22	Sunny	13:04	33.7
27-Aug-22	Sunny	9:30	41.6
27-Aug-22	Sunny	10:30	39.0
27-Aug-22	Sunny	11:30	148.2



Contract No. HY/2019/04

New Wang Tong River Bridge

	Date	Sampling	Weather	Filter paper no.	Filter W	eight, g	Elapse	Time, hr	Sampling	FI	ow Rate, m³/m	nin	Total	TSP Level,
	Date	Time	Condition	Titter paper no.	Initial	Final	Initial	Final	Time, hr	Initial, Qsi	Final, Qsf	Average	Volume, m <sup>3</sup>	μg/m³
AMS1	03/08/22	8:00	Cloudy	010378	2.7656	2.8197	2342.21	2366.21	24.00	0.55	0.91	0.73	1050	51.5
AMS1	09/08/22	8:00	Rainy	010366	2.7478	2.8029	2366.33	2390.33	24.00	0.56	0.95	0.76	1090	50.6
AMS1	15/08/22	8:00	Sunny	010367	2.7440	2.7982	2390.33	2414.33	24.00	0.75	1.06	0.91	1309	41.4
AMS1	20/08/22	8:00	Sunny	010511	2.8110	2.8523	2414.41	2438.41	24.00	0.75	0.96	0.85	1229	33.6
AMS1	26/08/22	8:00	Sunny	010512	2.8101	2.8703	2438.41	2462.41	24.00	0.76	0.98	0.87	1254	48.0
AMS2	03/08/22	8:00	Cloudy	010373	2.7459	2.7862	2857.80	2881.80	24.00	1.03	1.03	1.03	1486	27.1
AMS2	09/08/22	8:00	Rainy	010356	2.7439	2.8019	2882.13	2906.13	24.00	1.03	1.03	1.03	1482	39.1
AMS2	15/08/22	8:00	Sunny	010357	2.7336	2.7741	2906.13	2930.13	24.00	1.01	1.01	1.01	1458	27.8
AMS2	20/08/22	8:00	Sunny	010358	2.7514	2.7902	2930.13	2954.13	24.00	1.01	1.01	1.01	1461	26.6
AMS2	26/08/22	8:00	Sunny	010359	2.7491	2.8028	2954.13	2978.13	24.00	0.97	0.97	0.97	1401	38.3

Remarks:



Report on 1-hour TSP monitoring at AMS1 - Slivermine Beach Resort Limit Level (µg/m³) -

Date	Weather Condition	Time	TSP Level (µg/m³)
2-Sep-22	Sunny	10:30	71.9
2-Sep-22	Sunny	11:30	31.0
2-Sep-22	Sunny	12:30	25.8
8-Sep-22	Sunny	9:17	46.8
8-Sep-22	Sunny	10:17	31.9
8-Sep-22	Sunny	11:17	37.4
14-Sep-22	Sunny	9:27	70.3
14-Sep-22	Sunny	10:27	87.9
14-Sep-22	Sunny	11:27	98.3
20-Sep-22	Sunny	9:39	33.3
20-Sep-22	Sunny	10:39	45.9
20-Sep-22	Sunny	11:39	19.1
26-Sep-22	Cloudy	9:45	43.6
26-Sep-22	Cloudy	10:45	42.0
26-Sep-22	Cloudy	11:45	146.0
30-Sep-22	Rainy	10:02	241.5
30-Sep-22	Rainy	11:02	157.6
30-Sep-22	Rainy	12:02	172.6



Report on 1-hour TSP monitoring at AMS2 - 1 Tung Wan Tau Road Limit Level ( $\mu g/m^3$ ) -

Date	Weather Condition	Time	TSP Level (µg/m³)
2-Sep-22	Sunny	10:54	79.4
2-Sep-22	Sunny	11:54	28.7
2-Sep-22	Sunny	12:54	24.8
8-Sep-22	Sunny	9:41	36.5
8-Sep-22	Sunny	10:41	26.9
8-Sep-22	Sunny	11:41	31.1
14-Sep-22	Sunny	9:51	57.5
14-Sep-22	Sunny	10:51	78.6
14-Sep-22	Sunny	11:51	82.0
20-Sep-22	Sunny	10:03	30.0
20-Sep-22	Sunny	11:03	38.5
20-Sep-22	Sunny	12:03	14.7
26-Sep-22	Cloudy	10:10	31.0
26-Sep-22	Cloudy	11:10	22.8
26-Sep-22	Cloudy	12:10	31.9
30-Sep-22	Rainy	10:27	216.8
30-Sep-22	Rainy	11:27	139.7
30-Sep-22	Rainy	12:27	144.4



Contract No. HY/2019/04

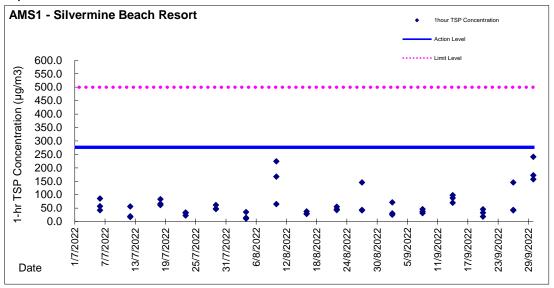
**New Wang Tong River Bridge** 

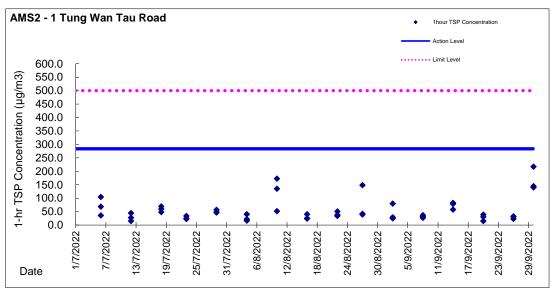
	Date	Sampling	Weather	Filter paper no.	Filter W	/eight, g	Elapse	Time, hr	Sampling	Flo	ow Rate, m³/n	nin	Total	TSP Level,
	Date	Time	Condition	Titter paper no.	Initial	Final	Initial	Final	Time, hr	Initial, Qsi	Final, Qsf	Average	Volume, m <sup>3</sup>	µg/m³
AMS1	01/09/22	8:00	Sunny	010513	2.8038	2.8725	2462.41	2486.41	24.00	0.76	0.94	0.85	1219	56.4
AMS1	07/09/22	8:00	Sunny	010514	2.8016	2.8750	2486.41	2510.41	24.00	0.76	0.98	0.87	1253	58.6
AMS1	13/09/22	8:00	Sunny	010515	2.8028	2.9317	2510.41	2534.41	24.00	0.80	0.98	0.89	1280	100.7
AMS1	19/09/22	8:00	Sunny	010516	2.8026	2.9045	2534.41	2558.41	24.00	0.74	0.98	0.86	1242	82.1
AMS1	24/09/22	8:00	Rainy	010517	2.8047	2.9003	2558.41	2582.41	24.00	0.73	0.98	0.86	1235	77.4
AMS1	29/09/22	8:00	Sunny	010518	2.7951	2.8452	2582.41	2606.41	24.00	0.69	1.03	0.86	1239	40.4
AMS2	01/09/22	8:00	Sunny	010360	2.7564	2.8030	2978.13	3002.13	24.00	0.97	0.97	0.97	1399	33.3
AMS2	07/09/22	8:00	Sunny	010361	2.7393	2.8095	3002.13	3026.13	24.00	0.97	0.97	0.97	1403	50.0
AMS2	13/09/22	8:00	Sunny	010362	2.7357	2.8143	3026.13	3050.13	24.00	1.22	1.22	1.22	1752	44.9
AMS2	19/09/22	8:00	Sunny	010363	2.7553	2.8076	3050.13	3074.13	24.00	0.89	0.89	0.89	1281	40.8
AMS2	24/09/22	8:00	Rainy	010364	2.7587	2.8204	3074.13	3098.13	24.00	0.97	0.97	0.97	1403	44.0
AMS2	29/09/22	8:00	Sunny	010365	2.7560	2.8020	3098.13	3122.13	24.00	1.02	1.02	1.02	1465	31.4

Remarks:

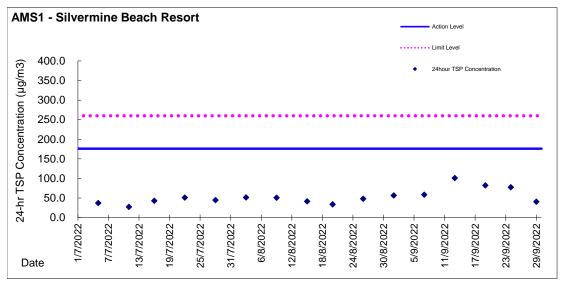


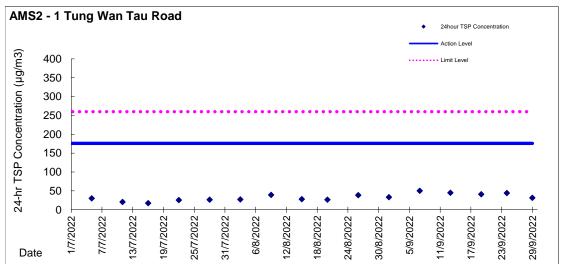
**Graphic Presentation of TSP Result** 





**Graphic Presentation of TSP Result** 







# Appendix 5.4

Water Quality Monitoring Results and Graphical Presentations

#### Water Quality Monitoring at Station W1 (Middle) - Ebb Tide

	0		0	Water	0	Sampling	Tempe	rature		рН			Salinity		DO	O Saturatio	on		DO		To	urbidity		SS	S
Station Reference	Sampling Date	Weather	Sampling Time	Depth	Sampling Level	Depth	°(	;		-			ppt			%			mg/L			NTU		mg	ı/L
	Date		Tillie	m	Level	m	Value	Averag	e Value	A۱	verage	Valu	ıe	Average	Val	ue	Average	Val	ue	Average	Value		Average	Value	Average
	4/7/2022	Cloudy	14:45	0.50		0.25	25.50 2	5.50 25.5	7.19	7.19	7.2	0.27	0.27	0.3	76.60	75.90	76.3	8.23	8.13	8.2	6.33	6.33	6.3	3.50	3.3
	4/1/2022	Oloudy	14:50	0.50		0.25	25.50 2	5.50	7.19	7.19	7.2	0.27	0.27	0.0	76.60	75.90	70.0	8.23	8.13	0.1	6.33	6.33	0.0	3.10	5.5
	6/7/2022	Cloudy	16:30	0.50		0.25		5.60 25.6	7.20	7.20	7.2	0.22	0.22	0.2	79.20	78.50	78.9	7.64	7.57	7.6	20.37	20.37	20.4	14.70	14.9
	0/1/2022	Cloudy	16:35	0.50		0.25	25.60 2	5.60	7.20	7.20	1.2	0.22	0.22	0.2	79.20	78.50	10.5	7.64	7.57	7.0	20.37	20.37	20.4	15.10	14.5
	8/7/2022	Sunny	7:00	0.50		0.25		5.60 25.6	7.32	7.32	7.3	0.09	0.09	0.1	87.40	86.70	87.1	7.92	7.84	7.9	4.45	4.45	4.5	2.20	2.3
	0/1/2022	Outliny	7:05	0.50		0.25	25.60 2	5.60	7.32	7.32	7.5	0.09	0.09	0.1	87.40	86.70	07.1	7.92	7.84	7.0	4.45	4.45	1.0	2.30	2.0
	11/7/2022	Sunny	9:30	0.50		0.25		8.10 28.1	7.17	7.17	7.2	0.35	0.35	0.4	75.10	75.10	75.1	6.94	6.90	6.9	13.18	13.18	13.2	8.60	8.7
	117772022	ounny	9:35	0.50		0.25		8.10	7.17	7.17		0.35	0.35	0.1	75.10	75.10	70.1	6.94	6.90		13.18	13.18		8.80	0.7
	13/7/2022	Sunny	11:15	0.50		0.25		6.90 26.9	7.27	7.27	7.3	3.10	3.10	3.1	82.10	81.20	81.7	7.41	7.31	7.4	8.69	8.69	8.7	3.50	3.7
			11:20	0.50		0.25		6.90	7.27	7.27		3.10	3.10		82.10	81.20		7.41	7.31		8.69	8.69		3.90	
W1	15/7/2022	Sunny	12:45	0.50		0.25		8.20 28.2	7.21	7.21	7.2	5.03	5.03	5.0	83.00	82.20	82.6	7.30	7.30	7.3	6.21	6.21	6.2	2.50	2.6
Wang Tong River			12:50	0.50	Middle	0.25		8.20	7.21	7.21		5.03	5.03		83.00	82.20		7.30	7.30		6.21	6.21		2.70	
(Major tributary)	18/7/2022	Sunny	15:15	0.50		0.25		9.80	7.32	7.32	7.3	1.08	1.08	1.1	87.20	86.30	86.8	6.56	6.47	6.5	3.44	3.45	3.4	3.40	3.6
			15:20	0.50		0.25		9.80	7.32	7.32		1.08	1.08		87.20	86.30		6.56	6.47		3.44	3.45		3.70	
	20/7/2022	Sunny	16:30	0.50		0.25		7.90 27.9	7.32	7.32	7.3	0.29	0.29	0.3	79.10	78.30	78.7	7.26	7.15	7.2	2.77	2.54	2.8	2.10	2.2
			16:35	0.50		0.25		7.90	7.32	7.32	-	0.29	0.29		79.10	78.30		7.26	7.15		3.04	2.78		2.30	
	22/7/2022	Sunny	7:45 7:50	0.50		0.25		6.30 26.3	7.34	7.34	7.3	0.12	0.12	0.1	80.80 80.80	80.40 80.40	80.6	7.77 7.77	7.67 7.67	7.7	2.64	2.42	2.5	2.00	2.0
											-														
	25/7/2022	Sunny	9:45 9:50	0.50		0.25		9.40 29.4	7.09	7.09	7.1	0.29	0.29	0.3	80.10 80.10	79.30 79.30	79.7	7.05 7.05	6.99	7.0	4.88 5.02	4.48	4.7	3.70	3.8
			10:45	0.50		0.25		0.50	7.09	7.09		1.31	1.31		77.80	77.20		6.88	6.79		5.02	4.96		4.10	
	27/7/2022	Sunny	10:45	0.50		0.25		0.50	7.21	7.21	7.2	1.31	1.31	1.3	77.80	77.20	77.5	6.88	6.79	6.8	5.02	4.60	5.0	3.80	4.0
			12:15	0.50		0.25		0.70	7.33	7.33		5.58	5.58		74.30	74.00		6.25	6.20		5.94	5.45		4.50	
	29/7/2022	Sunny	12:13	0.50		0.25		9.70	7.33	7.33	7.3	5.58	5.58	5.6	74.30	74.00	74.2	6.25	6.20	6.2	6.07	5.57	5.8	4.60	4.6

Remark(s):

All WQM on 2 July was suspended due to unwilling weather condition.

#### Water Quality Monitoring at Station W1 (Middle) - Flood Tide

	Sampling		Sampling	Water	Camaliaa	Sampling	T	emperatur	е		pН			Salinity		DO Satu	ration		DO			Turbidity		SS	S
Station Reference	Date	Weather	Time	Depth	Sampling Depth	Depth		°C			-			ppt		%			mg/L			NTU		mg	J/L
	Date		Time	m	Бери	m	Va	lue	Average	Va	ue	Average	Val	ue	Average	Value	Average	Val	lue	Average	Va	lue	Average	Value	Average
	4/7/2022	Cloudy	7:30	0.50		0.25	25.80	25.80	25.8	6.89	6.89	6.9	0.16	0.16	0.0	85.00 84	.40 84.7	8.16	8.07	8.1	4.85	4.84	4.8	2.40	2.5
	4/1/2022	Cloudy	7:35	0.50		0.25	25.80	25.80	23.0	6.89	6.89	0.9	0.16	0.16	0.2	85.00 84	.40	8.16	8.07	0.1	4.85	4.84	4.0	2.60	2.5
	6/7/2022	Rainv	9:45	0.50		0.25	26.10	26.10	26.1	7.17	7.17	7.2	0.32	0.32	0.3	91.30 90	50 90.9	7.99	7.95	8.0	8.18	8.18	8.2	3.90	4.1
	0/1/2022	reality	9:50	0.50		0.25	26.10	26.10	20.1	7.17	7.17	7.2	0.32	0.32	0.0	91.30 90	.50	7.99	7.95	0.0	8.18	8.18		4.20	7.1
	8/7/2022	Sunny	12:45	0.50		0.25	29.40	29.40	29.4	7.37	7.37	7.4	0.15	0.15	0.2		.60 83.9	9.30	7.26	8.3	5.06	5.06	5.1	3.80	3.9
	0/1/2022	Suring	12:50	0.50		0.25	29.40	29.40	25.4	7.37	7.37	7.4	0.15	0.15	0.2	84.20 83	.60	9.30	7.26	0.3	5.06	5.06	3.1	4.00	3.5
	11/7/2022	Sunny	16:45	0.50		0.25	28.80	28.80	28.8	7.17	7.17	7.2	0.18	0.18	0.2	76.30 75	.80 76.1	6.90	6.81	6.9	4.70	4.70	4.7	2.00	2.0
	11/1/2022	Outlify	16:50	0.50		0.25	28.80	28.80	20.0	7.17	7.17	7.2	0.18	0.18	0.2	76.30 75	.80	6.90	6.81	0.5	4.70	4.70	4.7	2.00	2.0
	13/7/2022	Sunny	18:45	0.50		0.25	30.30	30.30	30.3	7.16	7.16	7.2	0.46	0.46	0.5	78.10 77	.30 77.7	6.74	6.67	6.7	3.99	3.99	4.0	2.50	2.4
	13/1/2022	Outlify	18:50	0.50		0.25	30.30	30.30	30.3	7.16	7.16	7.2	0.46	0.46	0.0	78.10 77	.30	6.74	6.67	0.7	3.99	3.99	4.0	2.20	2.7
W1	15/7/2022	Sunny	6:15	0.50		0.25	26.10	26.10	26.1	7.14	7.14	7.1	1.76	1.76	1.8	74.80 74	.30 74.6	6.74	6.66	6.7	2.73	2.73	2.7	2.30	2.5
Wang Tong River	10/1/2022	Ournry	6:20	0.50	Middle	0.25	26.10	26.10	20.1	7.14	7.14	• • • • • • • • • • • • • • • • • • • •	1.76	1.76	1.0		.30	6.74	6.66	0.7	2.73	2.73	2	2.60	2.0
(Major tributary)	18/7/2022	Sunny	8:15	0.50	· · · · · · · · · · · · · · · · · · ·	0.25	28.60	28.60	28.6	7.50	7.50	7.5	7.00	7.00	7.0	75.10 74	.60 74.9	6.21	6.15	6.2	6.20	5.69	5.8	4.70	4.6
	10/1/2022	Outlify	8:20	0.50		0.25	28.60	28.60	20.0	7.50	7.50	7.5	7.00	7.00	7.0	75.10 74	.60	6.21	6.15		5.94	5.45	0.0	4.50	4.0
	20/7/2022	Sunny	10:15	0.50		0.25	28.10	28.10	28.1	7.26	7.26	7.3	0.13	0.13	3.2	84.70 84	.30 84.5	7.26	7.12	7.2	2.77	2.54	2.8	2.10	2.3
	LOTTILOZZ	Ournry	10:20	0.50		0.25	28.10	28.10	20.1	7.26	7.26	1.0	0.13	12.51	0.2		.30	7.26	7.12	,	3.17	2.90	2.0	2.40	2.0
	22/7/2022	Sunny	13:45	0.50		0.25	30.30	30.30	30.3	7.33	7.33	7.3	0.11	0.11	0.1		.20 76.6	6.43	6.36	6.4	2.64	2.42	2.5	2.00	2.0
			13:50	0.50	1	0.25	30.30	30.30		7.33	7.33		0.11	0.11		76.90 76	.20	6.43	6.36		2.64	2.42		2.00	
	25/7/2022	Sunny	21:45	0.50		0.25	28.60	28.60	28.6	7.11	7.11	7.1	0.13	0.13	0.1		73.2	7.26	7.20	7.2	2.64	2.42	2.5	2.00	2.0
	LOTTILOZZ	Ournry	21:50	0.50		0.25	28.60	28.60	20.0	7.11	7.11	• • • • • • • • • • • • • • • • • • • •	0.13	0.13	0.1		.70	7.26	7.20	,	2.64	2.42	2.0	2.00	2.0
	27/7/2022	Sunny	18:30	0.50		0.25	29.50	29.50	29.5	7.43	7.43	7.4	0.51	0.51	0.5		.90 73.2	6.98	6.78	6.9	4.22	3.87	3.8	3.20	3.0
		2211119	18:35	0.50		0.25	29.50	29.50	20.0	7.43	7.43		0.51	0.51	0.0		.90	6.98	6.78	0.0	3.70	3.39	0.0	2.80	2.0
	29/7/2022	Sunny	5:15	0.50		0.25	27.70	27.70	27.7	7.23	1.30	43	1.30	72.70	37.0		.49 39.3	7.21	6.98	7 1	3.70	3.39	3.3	2.80	2.6
		Outilly	5:20	0.50		0.25	27.70	27.70	21.1	7.23	1.30	4.5	1.30	72.70	37.0	72.20	.49	7.21	6.98	7.1	3.17	2.90	0.0	2.40	2.0

Remark(s):

#### Water Quality Monitoring at Station W2 (Middle) - Ebb Tide

	Sampling		Complian	Water	Complian	Sampling	Te	mperatur	е		рН			Salinity		D	O Saturatio	n		DO		Т	urbidity		SS	S
Station Reference	Date	Weather	Sampling Time	Depth	Sampling Level	Depth		°C			-			ppt			%			mg/L			NTU		mg	J/L
	Date		Tillio	m	LOVOI	m	Valu	ie	Average	Value		Average	Val	ue	Average	Val	lue	Average	Val	ue	Average	Value	9	Average	Value	Average
	4/7/2022	Cloudy	15:00	0.50		0.25	26.00	26.00	26.0	7.25	7.25	7.3	0.38	0.38	0.4	82.60	81.90	82.3	7.27	7.21	7.2	6.55	6.55	6.6	4.70	4.9
	4/1/2022	Cloudy	15:05	0.50		0.25	26.00	26.00	20.0	7.25	7.25	1.5	0.38	0.38	0.4	82.60	81.90	02.3	7.27	7.21	1.2	6.55	6.55	0.0	5.00	4.5
	6/7/2022	Cloudy	16:45	0.50		0.25	25.90	25.90	25.9	7.25	7.25	73	0.21	0.21	0.2	72.30	71.80	72.1	6.98	6.91	6.9	23.55	23.55	23.6	19.90	20.1
	0/1/2022	Oloddy	16:50	0.50		0.25	25.90	25.90	20.5	7.25	7.25	7.5	0.21	0.21	0.2	72.30	71.80	72.1	6.98	6.91	0.5	23.55	23.55	20.0	20.20	20.1
	8/7/2022	Sunny	7:15	0.50		0.25	25.80	25.80	25.8	7.17	7.17	7.2	0.22	0.22	0.2	77.60	77.20	77.4	7.10	7.03	7.1	4.13	4.13	4.1	3.00	2.9
	0/1/2022	Outlify	7:20	0.50		0.25	25.80	25.80	25.0	7.17	7.17	1.2	0.22	0.22	0.2	77.60	77.20	11.4	7.10	7.03	7.1	4.13	4.13	7.1	2.70	2.5
	11/7/2022	Sunny	9:45	0.50		0.25	28.70	28.70	28.7	7.53	7.53	7.5	3.58	3.58	3.6	80.80	80.20	80.5	6.89	6.74	6.8	4.56	4.56	4.6	2.10	2.2
	111112022	Cumy	9:50	0.50		0.25	28.70	28.70	20.1	7.53	7.53	7.0	3.58	3.58	0.0	80.80	80.20	00.0	6.89	6.74	0.0	4.56	4.56	1.0	2.30	
	13/7/2022	Sunny	11:30	0.50		0.25	27.70	27.70	27.7	7.53	7.53	7.5	4.56	4.56	4.6	72.60	72.10	72.4	6.77	6.72	6.7	4.45	4.45	4.5	2.40	2.3
	10/1/2022	Cumy	11:35	0.50		0.25	27.70	27.70	2	7.53	7.53	7.0	4.56	4.56		72.60	72.10		6.77	6.72	0.7	4.45	4.45		2.20	
W2	15/7/2022	Sunny	13:00	0.50		0.25	28.80	28.70	28.8	7.64	7.64	7.6	5.92	5.92	5.9	81.10	80.30	80.7	6.49	6.42	6.5	6.66	6.66	6.7	2.70	2.9
Wang Tong River		· · · · · · · · · · · · · · · · · · ·	13:05	0.50	Middle	0.25	28.80	28.70		7.64	7.64		5.92	5.92		81.10	80.30		6.49	6.42		6.66	6.66	*	3.00	
(Major tributary)	18/7/2022	Sunny	15:30	0.50		0.25	30.30	30.30	30.3	7.49	7.49	7.5	2.17	2.17	2.2	80.80	80.00	80.4	6.61	6.54	6.6	3.21	3.21	3.2	3.00	3.2
			15:35	0.50		0.25	30.30	30.30		7.49	7.49		2.17	2.17		80.80	80.00		6.61	6.54		3.21	3.21		3.30	
	20/7/2022	Sunny	16:45	0.50		0.25	28.20	28.20	28.2	7.35	7.35	7.4	0.45	0.45	0.5	80.30	79.70	80.0	6.67	6.57	6.6	4.75	4.36	4.8	3.60	3.8
			16:50	0.50	1	0.25	28.20	28.20		7.35	7.35		0.45	0.45		80.30	79.70		6.67	6.57		5.28	4.84		4.00	
	22/7/2022	Sunny	8:00	0.50		0.25	26.30	26.30	26.3	7.26	7.26	7.3	0.53	0.53	0.5	82.20	81.40	81.8	7.18	7.14	7.2	8.71	7.99	8.5	6.60	6.8
			8:05	0.50		0.25	26.30	26.30		7.26	7.26		0.53	0.53		82.20	81.40		7.18	7.14		9.11	8.35		6.90	
	25/7/2022	Sunny	10:00	0.50	4	0.25	30.20	30.20	30.2	7.22	7.22	7.2	0.68	0.68	0.7	75.30	74.60	75.0	6.65	6.60	6.6	6.86	6.29	6.8	5.20	5.4
			10:05	0.50	4	0.25	30.20	30.20		7.22	7.22		0.68	0.68		75.30	74.60		6.65	6.60		7.39	6.78		5.60	
	27/7/2022	Sunny	11:00	0.50	4	0.25	31.00	31.00	31.0	7.31	7.31	7.3	1.48	1.48	1.5	75.90	75.20	75.6	6.34	6.30	6.3	7.00	6.41	6.6	5.30	5.2
			11:05	0.50	4	0.25	31.00	31.00		7.31	7.31		1.48	1.48		75.90	75.20		6.34	6.30		6.73	6.17		5.10	
	29/7/2022	Sunny	12:30	0.50	4	0.25	30.20	30.20	30.2	7.69	7.69	7.7	7.08	7.08	7.1	74.70	73.90	74.3	6.12	6.04	6.1	4.09	3.75	4.1	3.10	3.3
		· ·	12:35	0.50		0.25	30.20	30.20		7.69	7.69		7.08	7.08		74.70	73.90		6.12	6.04		4.49	4.11		3.40	

Remark(s):

All WQM on 2 July was suspended due to unwilling weather condition.

#### Water Quality Monitoring at Station W2 (Middle) - Flood Tide

	Complian		Complian	Water	Sampling	Sampling	Te	emperatur	e		pН			Salinity		D	O Saturation	n		DO		Т	urbidity		SS	S
Station Reference	Sampling Date	Weather	Sampling Time	Depth	Depth	Depth		°C			-			ppt			%			mg/L			NTU		mg	j/L
	Date		Tillio	m	Бори	m	Valu	ie	Average	Value	)	Average	Val	ue	Average	Va	llue	Average	Va	lue	Average	Value	•	Average	Value	Average
	4/7/2022	Cloudy	7:45	0.50		0.25	25.90	25.90	25.9	7.05	7.05	7.1	0.36	0.36	0.4	80.30	79.80	80.1	7.49	7.44	7.5	7.96	7.95	8.0	4.30	4.5
	4/1/2022	Cloudy	7:50	0.50		0.25	25.90	25.90	23.5	7.05	7.05	7.1	0.36	0.36	0.4	80.30	79.80	00.1	7.49	7.44	7.5	7.96	7.95	0.0	4.60	4.5
	6/7/2022	Rainv	10:00	0.50		0.25	26.40	26.40	26.4	7.29	7.29	7.3	0.32	0.32	0.3	79.60	79.00	79.3	7.25	7.19	7.2	8.56	8.56	8.6	4.40	4.7
	0/1/2022	rtumy	10:05	0.50		0.25	26.40	26.40	20.1	7.29	7.29	7.0	0.32	0.32	0.0	79.60	79.00	70.0	7.25	7.19		8.56	8.56		4.90	
	8/7/2022	Sunny	13:00	0.50		0.25	29.40	29.40	29.4	7.37	7.37	7.4	0.15	0.15	0.2	84.20	83.60	83.9	9.30	7.26	8.3	5.06	5.06	5.1	5.10	5.0
	0/1/2022	Odilily	13:05	0.50		0.25	29.40	29.40	25.4	7.37	7.37	7	0.15	0.15	0.2	84.20	83.60	00.5	9.30	7.26	0.0	5.06	5.06	5.1	4.80	5.0
	11/7/2022	Sunny	17:00	0.50		0.25	28.70	28.70	28.7	7.27	7.27	7.3	0.25	0.25	0.3	74.50	73.90	74.2	7.34	7.28	7.3	4.95	4.95	5.0	2.00	2.0
	11/1/2022	Odilily	17:05	0.50		0.25	28.70	28.70	20.7	7.27	7.27	7.0	0.25	0.25	0.0	74.50	73.90	14.2	7.34	7.28	7.5	4.95	4.95	5.0	2.00	2.0
	13/7/2022	Sunny	19:00	0.50		0.25	29.80	29.80	29.8	7.20	7.20	7.2	0.60	0.60	0.6	73.20	72.50	72.9	6.88	6.78	6.8	3.81	3.81	3.8	3.10	2.9
	10/1/2022	Odilily	19:05	0.50		0.25	29.80	29.80	25.0	7.20	7.20	7.2	0.60	0.60	0.0	73.20	72.50	72.5	6.88	6.78	0.0	3.81	3.81	5.0	2.60	2.5
W2	15/7/2022	Sunny	6:30	0.50		0.25	26.90	26.90	26.9	8.07	8.07	8.1	19.67	19.67	19.7	78.70	77.40	78.1	6.30	6.20	6.3	13.60	13.60	13.6	6.40	6.3
Wang Tong River	10/1/2022	ou,	6:35	0.50	Middle	0.25	26.90	26.90	20.0	8.07	8.07	0	19.67	19.67	10.7	78.70	77.40	70.1	6.30	6.20		13.60	13.60	10.0	6.10	0.0
(Major tributary)	18/7/2022	Sunny	8:30	0.50	madio	0.25	29.80	29.80	29.8	7.95	7.95	8.0	19.89	19.91	19.9	69.10	68.90	69.0	6.84	6.74	6.8	11.35	10.41	11.1	8.60	8.8
	10/1/2022	Guiniy	8:35	0.50		0.25	29.80	29.80	20.0	7.95	7.95	0.0	19.89	19.91	10.0	69.10	68.90	00.0	6.84	6.74	0.0	11.75	10.77		8.90	0.0
	20/7/2022	Sunny	10:30	0.50		0.25	28.60	28.60	28.6	7.53	7.53	7.5	0.96	0.96	1.0	81.90	81.10	81.5	6.98	6.89	6.9	4.75	4.36	4.6	3.60	3.7
	LOTTILOZZ	ou,	10:35	0.50		0.25	28.60	28.60	20.0	7.53	7.53	7.0	0.96	0.96	1.0	81.90	81.10	01.0	6.98	6.89	0.0	4.88	4.48		3.70	0.7
	22/7/2022	Sunny	14:00	0.50		0.25	30.60	30.60	30.6	7.47	7.47	7.5	0.14	0.14	0.1	71.70	71.20	71.5	6.55	6.48	6.5	2.64	2.42	2.5	2.00	2.0
		,	14:05	0.50		0.25	30.60	30.60		7.47	7.47		0.14	0.14	***	71.70	71.20		6.55	6.48		2.64	2.42		2.00	
	25/7/2022	Sunny	22:00	0.50		0.25	29.20	29.20	29.2	8.45	8.45	8.5	1.45	1.45	1.5	74.20	73.00	73.6	6.08	6.02	6.1	11.35	10.41	10.7	8.60	8.5
	20/1/2022	ou,	22:05	0.50		0.25	29.20	29.20	LUIL	8.45	8.45	0.0	1.45	1.45	1.0	74.20	73.00	70.0	6.08	6.02		10.96	10.04		8.30	0.0
	27/7/2022	Sunny	18:45	0.50		0.25	28.20	28.20	28.2	7.40	7.40	7.4	1.31	1.31	1.3	72.10	71.60	71.9	6.27	6.20	6.2	2.90	2.66	2.9	2.20	2.3
			18:50	0.50		0.25	28.20	28.20	LOIL	7.40	7.40		1.31	1.31	1.0	72.10	71.60	7 1.0	6.27	6.20		3.17	2.90	2.0	2.40	
	29/7/2022	Sunny	5:30	0.50		0.25	28.70	28.70	28.7	8.05	8.05	8.1	22.50	22.50	22.5	79.80	78.80	79.3	5.87	5.76	5.8	11.88	10.89	11.3	9.00	8.9
		- Cuiniy	5:35	0.50		0.25	28.70	28.70	20.7	8.05	8.05	0	22.50	22.50	LL.O	79.80	78.80	70.0	5.87	5.76		11.62	10.65		8.80	5

Remark(s):

#### Water Quality Monitoring at Station W4 (Middle) - Ebb Tide

				Water		Sampling	Ter	mperature	9		рН			Salinity		D	O Saturatio	n		DO		Т	urbidity		SS	S
Station Reference	Sampling Date	Weather	Sampling Time	Depth	Sampling Level	Depth		°C			-			ppt			%			mg/L			NTU		mg	ı/L
	Date		Tille	m	Level	m	Value	е	Average	Value	)	Average	Val	ue	Average	Va	lue	Average	Val	lue	Average	Value	e	Average	Value	Average
	4/7/2022	Cloudy	15:15	0.50		0.25	26.40	26.40	26.4	7.41	7.41	7.4	4.08	4.08	4.1	74.80	74.10	74.5	6.32	6.25	6.3	8.70	8.70	8.7	6.70	6.6
	4/1/2022	Oloudy	15:20	0.50		0.25	26.40	26.40	20.4	7.41	7.41	7.4	4.08	4.08	7.1	74.80	74.10	74.0	6.32	6.25	0.5	8.70	8.70	0.7	6.40	0.0
	6/7/2022	Cloudy	17:00	0.50		0.25	25.90	25.90	25.9	7.41	7.41	74	2.54	2.54	2.5	80.40	79.90	80.2	7.21	7.14	7.2	24.83	24.83	24.8	19.10	19.0
	OTTEGEE	o.ouu,	17:05	0.50		0.25	25.90	25.90	20.0	7.41	7.41		2.54	2.54	2.0	80.40	79.90	00.2	7.21	7.14		24.83	24.83	2 1.0	18.80	
	8/7/2022	Sunny	7:30	0.50		0.25	26.00	26.00	26.0	7.45	7.45	7.5	1.89	1.89	1.9	70.80	70.00	70.4	7.38	7.26	7.3	6.82	6.82	6.8	8.40	8.3
	OFFICE	ouy	7:35	0.50		0.25	26.00	26.00	20.0	7.45	7.45	7.0	1.89	1.89	1.0	70.80	70.00	,	7.38	7.26	7.0	6.82	6.82	0.0	8.10	
	11/7/2022	Sunny	10:00	0.50		0.25	28.70	28.70	28.7	7.67	7.67	7.7	3.96	3.96	4.0	79.80	79.10	79.5	6.73	6.67	6.7	5.06	5.05	5.1	2.90	2.9
		,	10:05	0.50		0.25	28.70	28.70		7.67	7.67		3.96	3.96		79.80	79.10		6.73	6.67	***	5.06	5.05		2.90	
	13/7/2022	Sunny	11:45	0.50		0.25	27.80	27.80	27.8	7.66	7.66	7.7	9.58	9.58	9.6	71.40	70.90	71.2	6.47	6.40	6.4	4.46	4.46	4.5	2.00	2.0
		,	11:50	0.50		0.25	27.80	27.80		7.66	7.66		9.58	9.58		71.40	70.90		6.47	6.40		4.46	4.46		2.00	
W4	15/7/2022	Sunny	13:15	0.50		0.25	28.50	28.50	28.5	7.68	7.68	7.7	10.01	10.01	10.0	77.80	77.00	77.4	6.20	6.16	6.2	6.72	6.72	6.7	2.50	2.7
Wang Tong River		,	13:20	0.50	Middle	0.25	28.50	28.50		7.68	7.68		10.01	10.01		77.80	77.00		6.20	6.16		6.72	6.72		2.80	
(Minor tributary to Tai Wai Yuen)	18/7/2022	Sunny	15:45	0.50		0.25	30.70	30.70	30.7	7.77	7.77	7.8	4.01	4.01	4.0	82.70	82.10	82.4	6.95	6.87	6.9	4.02	4.06	4.0	4.80	4.7
vvai rueii)		,	15:50	0.50		0.25	30.70	30.70		7.77	7.77		4.01	4.01		82.70	82.10		6.95	6.87		4.02	4.06		4.60	
	20/7/2022	Sunny	17:00	0.50		0.25	28.30	28.30	28.3	7.37	7.37	7.4	0.98	0.98	1.0	74.00	73.60	73.8	6.49	6.44	6.5	2.77	2.54	2.7	2.10	2.2
		,	17:05	0.50		0.25	28.30	28.30		7.37	7.37		0.98	0.98		74.00	73.60		6.49	6.44		2.90	2.66		2.20	
	22/7/2022	Sunny	8:15	0.50		0.25	26.50	26.50	26.5	7.40	7.40	7.4	1.18	1.18	1.2	77.40	76.80	77.1	6.86	6.80	6.8	5.41	4.96	5.4	4.10	4.3
			8:20	0.50		0.25	26.50	26.50		7.40	7.40		1.18	1.18		77.40	76.80		6.86	6.80		5.94	5.45		4.50	
	25/7/2022	Sunny	10:15	0.50		0.25	30.30	30.30	30.3	7.29	7.29	7.3	2.11	2.11	2.1	72.30	71.20	71.8	6.53	6.45	6.5	5.54	5.08	5.6	4.20	4.4
			10:20	0.50		0.25	30.30	30.30		7.29	7.29		2.11	2.11		72.30	71.20		6.53	6.45		6.07	5.57		4.60	
	27/7/2022	Sunny	11:15	0.50		0.25	31.20	31.20	31.2	7.66	7.66	7.7	4.81	4.81	4.8	76.00	75.50	75.8	6.20	6.14	6.2	6.86	6.29	6.7	5.20	5.3
			11:20	0.50		0.25	31.20	31.20		7.66	7.66		4.81	4.81		76.00	75.50		6.20	6.14		7.13	6.53		5.40	
	29/7/2022	Sunny	12:45	0.50		0.25	30.25	30.20	30.2	7.77	7.77	7.8	7.98	7.98	8.0	71.00	70.40	70.7	6.01	5.93	6.0	4.22	3.87	4.3	3.20	3.4
			12:50	0.50		0.25	30.25	30.20		7.77	7.77		7.98	7.98		71.00	70.40		6.01	5.93		4.75	4.36		3.60	

Remark(s):

All WQM on 2 July was suspended due to unwilling weather condition.

#### Water Quality Monitoring at Station W4 (Middle) - Flood Tide

	Sampling		Sampling	Water	Sampling	Sampling	Te	mperatur	е		рН			Salinity		D	O Saturation	ı		DO		Т	urbidity		S	SS
Station Reference	Date	Weather	Time	Depth	Depth	Depth		°C			-			ppt			%			mg/L			NTU		mg	ı/L
	Date		Time	m	Бори	m	Valu	ie	Average	Value		Average	Va	ue	Average	Va	lue	Average	Va	lue	Average	Value	9	Average	Value	Average
	4/7/2022	Cloudy	8:00	0.50		0.25	26.00	26.00	26.0	7.17	7.17	7.2	0.50	0.50	0.5	86.30	85.80	86.1	7.42	7.36	7.4	5.95	5.95	6.0	3.10	3.0
	4/1/2022	Oloddy	8:05	0.50		0.25	26.00	26.00	20.0	7.17	7.17	7.2	0.50	0.50	0.0	86.30	85.80	00.1	7.42	7.36	7.5	5.95	5.95	0.0	2.90	0.0
	6/7/2022	Rainv	10:15	0.50		0.25	26.60	26.60	26.6	7.35	7.35	7.4	1.01	1.01	1.0	82.80	82.00	82.4	7.14	7.09	7.1	7.06	7.05	7 1	3.40	3.6
	OTTEGEE	runny	10:20	0.50		0.25	26.60	26.60	20.0	7.35	7.35	,	1.01	1.01	1.0	82.80	82.00	02.1	7.14	7.09		7.06	7.05		3.70	0.0
	8/7/2022	Sunny	13:15	0.50		0.25	28.70	28.70	28.7	7.42	7.42	7.4	0.77	0.77	0.8	75.90	75.10	75.5	6.92	6.83	6.9	5.51	5.50	5.5	3.90	3.7
	0/1/2022	Outmy	13:20	0.50		0.25	28.70	28.70	20.7	7.42	7.42	7.4	0.77	0.77	0.0	75.90	75.10	70.0	6.92	6.83	0.5	5.51	5.50	0.0	3.50	5.7
	11/7/2022	Sunny	17:15	0.50		0.25	28.70	28.70	28.7	7.34	7.34	7.3	0.77	0.77	0.8	78.30	77.90	78.1	7.20	7.12	7.2	4.45	4.45	4.5	2.10	2.2
	11/1/2022	Outmy	17:20	0.50		0.25	28.70	28.70	20.7	7.34	7.34	7.5	0.77	0.77	0.0	78.30	77.90	70.1	7.20	7.12	7.2	4.45	4.45	4.5	2.30	2.2
	13/7/2022	Sunny	19:15	0.50		0.25	30.10	30.10	30.1	7.40	7.40	7.4	4.27	4.27	4.3	76.70	76.00	76.4	6.59	6.46	6.5	4.05	4.04	4.0	3.60	3.8
	10/1/2022	Guiniy	19:20	0.50		0.25	30.10	30.10	00.1	7.40	7.40	,	4.27	4.27	1.0	76.70	76.00	70.1	6.59	6.46	0.0	4.05	4.04	1.0	3.90	0.0
W4	15/7/2022	Sunny	6:45	0.50		0.25	27.40	27.40	27.4	8.20	8.20	8.2	19.59	19.59	19.6	78.90	78.40	78.7	6.38	6.30	6.3	11.74	11.74	11.7	3.40	3.6
Wang Tong River		,	6:50	0.50	Middle	0.25	27.40	27.40		8.20	8.20		19.59	19.59		78.90	78.40		6.38	6.30		11.74	11.74		3.80	
(Minor tributary to Tai Wai Yuen)	18/7/2022	Sunny	8:45	0.50		0.25	29.80	29.80	29.8	8.13	8.13	8.1	22.07	22.07	22.1	78.70	77.50	78.1	5.74	5.65	5.7	8.32	7.62	7.9	6.30	6.3
vvai rueii)		,	8:50	0.50		0.25	29.80	29.80		8.13	8.13		22.07	22.07		78.70	77.50		5.74	5.65		8.18	7.50		6.20	
	20/7/2022	Sunny	10:45	0.50		0.25	29.20	29.20	29.2	7.62	7.62	7.6	1.13	1.13	1.1	82.00	81.60	81.8	6.91	6.86	6.9	5.15	4.72	4.8	3.90	3.8
		,	10:50	0.50		0.25	29.20	29.20		7.62	7.62		1.13	1.13		82.00	81.60		6.91	6.86		4.88	4.48		3.70	
	22/7/2022	Sunny	14:15	0.50		0.25	30.90	30.90	30.9	7.53	7.53	7.5	0.30	0.30	0.3	73.70	73.10	73.4	6.63	6.56	6.6	3.56	3.27	3.6	2.70	2.9
		,	14:20	0.50		0.25	30.90	30.90		7.53	7.53		0.30	0.30		73.70	73.10		6.63	6.56	***	3.96	3.63		3.00	
	25/7/2022	Sunny	22:15	0.50		0.25	28.80	28.80	28.8	7.96	7.96	8.0	1.11	1.11	1.1	72.70	71.60	72.2	6.26	6.19	6.2	5.54	5.08	4.6	4.20	3.6
		,	22:20	0.50		0.25	28.80	28.80		7.96	7.96		1.11	1.11		72.70	71.60		6.26	6.19		3.96	3.63		3.00	لــــــــــــــــــــــــــــــــــــــ
	27/7/2022	Sunny	19:00	0.50		0.25	28.20	28.20	28.2	7.57	7.57	7.6	3.76	3.76	3.8	67.00	66.40	66.7	5.99	5.94	6.0	8.84	8.11	8.3	6.70	6.6
			19:05	0.50		0.25	28.20	28.20		7.57	7.57		3.76	3.76		67.00	66.40		5.99	5.94		8.45	7.74		6.40	
	29/7/2022	Sunny	5:45	0.50		0.25	28.90	28.90	28.9	8.20	8.20	8.2	24.81	24.81	24.8	78.30	77.80	78.1	5.57	5.52	5.5	12.41	11.37	12.1	9.40	9.6
			5:50	0.50		0.25	28.90	28.90		8.20	8.20		24.81	24.81		78.30	77.80		5.57	5.52		12.80	11.74		9.70	

Remark(s):

#### Water Quality Monitoring at Station W5 (Middle) - Ebb Tide

	Sampling		Sampling	Water	Sampling	Sampling	Te	mperatur	е		рН			Salinity		D	O Saturatio	n		DO		Т	urbidity		SS	S
Station Reference	Date	Weather	Time	Depth	Level	Depth		°C			-			ppt			%			mg/L			NTU		mg	з/L
	Date		Tillio	m	LOVOI	m	Valu	ie	Average	Value		Average	Val	ue	Average	Val	lue	Average	Val	ue	Average	Value	9	Average	Value	Average
	4/7/2022	Cloudy	15:30	0.50		0.25	26.10	26.10	26.1	7.55	7.55	7.6	1.87	1.87	1.9	78.00	77.40	77.7	6.78	6.71	6.7	8.04	8.04	8.0	7.40	7.3
	4/1/2022	Cloudy	15:35	0.50		0.25	26.10	26.10	20.1	7.55	7.55	7.0	1.87	1.87	1.5	78.00	77.40	11.1	6.78	6.71	0.7	8.04	8.04	0.0	7.20	7.3
	6/7/2022	Cloudy	17:15	0.50		0.25	25.60	25.60	25.6	7.60	7.60	76	1.29	1.29	1.3	81.00	80.30	80.7	7.14	7.05	7.1	30.08	30.08	30.1	25.00	25.3
	0/1/2022	Oloddy	17:20	0.50		0.25	25.60	25.60	25.0	7.60	7.60	7.0	1.29	1.29	1.5	81.00	80.30	00.7	7.14	7.05	7.1	30.08	30.08	50.1	25.60	<u> EV.U</u>
	8/7/2022	Sunny	7:45	0.50		0.25	25.90	25.90	25.9	7.74	7.74	7.7	0.44	0.44	0.4	79.20	78.70	79.0	7.01	6.94	7.0	4.70	4.70	4.7	2.80	2.9
	0/1/2022	Guilly	7:50	0.50		0.25	25.90	25.90	20.5	7.74	7.74	7.7	0.44	0.44	0.4	79.20	78.70	75.0	7.01	6.94	7.0	4.70	4.70	4.7	2.90	2.3
	11/7/2022	Sunny	10:15	0.50		0.25	28.30	28.30	28.3	7.72	7.72	7.7	3.93	3.93	3.9	76.10	75.60	75.9	6.22	6.16	6.2	4.95	4.95	5.0	2.00	2.0
	111112022	Guiniy	10:20	0.50		0.25	28.30	28.30	20.0	7.72	7.72		3.93	3.93	0.0	76.10	75.60	70.0	6.22	6.16	0.2	4.95	4.95	0.0	2.00	2.0
	13/7/2022	Sunny	12:00	0.50		0.25	27.80	27.80	27.8	7.78	7.78	7.8	7.97	7.97	8.0	70.00	69.70	69.9	6.28	6.21	6.2	4.50	4.50	4.5	2.00	2.0
		,	12:05	0.50		0.25	27.80	27.80		7.78	7.78		7.97	7.97		70.00	69.70		6.28	6.21		4.50	4.50		2.00	
W5	15/7/2022	Sunny	13:30	0.50		0.25	28.50	28.50	28.5	7.78	7.78	7.8	10.51	10.51	10.5	77.30	76.10	76.7	6.11	6.01	6.1	6.75	6.75	6.8	2.50	2.6
Silvermine Bay			13:35	0.50	Middle	0.25	28.50	28.50		7.78	7.78		10.51	10.51		77.30	76.10		6.11	6.01		6.75	6.75	***	2.60	
(Near Silvermine Bay Beach)	18/7/2022	Sunny	16:00	0.50		0.25	30.30	30.30	30.3	7.83	7.83	7.8	6.45	6.45	6.5	78.00	77.20	77.6	6.28	6.21	6.2	4.07	4.09	4.1	4.80	5.0
beacii)		,	16:05	0.50		0.25	30.30	30.30		7.83	7.83		6.45	6.45		78.00	77.20		6.28	6.21	***	4.07	4.09		5.20	
	20/7/2022	Sunny	17:15	0.50		0.25	28.30	28.30	28.3	7.45	7.45	7.5	1.16	1.16	1.2	73.20	72.90	73.1	6.59	6.55	6.6	3.43	3.15	3.2	2.60	2.6
		,	17:20	0.50	1	0.25	28.30	28.30		7.45	7.45		1.16	1.16		73.20	72.90		6.59	6.55		3.30	3.03		2.50	
	22/7/2022	Sunny	8:30	0.50	1	0.25	26.60	26.60	26.6	7.49	7.49	7.5	0.97	0.97	1.0	75.10	74.60	74.9	7.00	6.96	7.0	6.07	5.57	6.1	4.60	4.8
			8:35	0.50		0.25	26.60	26.60		7.49	7.49		0.97	0.97		75.10	74.60		7.00	6.96		6.60	6.05		5.00	
	25/7/2022	Sunny	10:30	0.50	4	0.25	30.20	30.20	30.2	7.58	7.58	7.6	4.52	4.52	4.5	69.60	68.60	69.1	6.30	6.18	6.2	6.34	5.81	5.8	4.80	4.6
			10:35	0.50	4	0.25	30.20	30.20		7.58	7.58		4.52	4.52		69.60	68.60		6.30	6.18		5.81	5.32		4.40	
	27/7/2022	Sunny	11:30	0.50	4	0.25	31.20	31.20	31.2	7.81	7.81	7.8	6.79	6.79	6.8	72.00	71.40	71.7	6.08	6.04	6.1	7.79	7.14	7.6	5.90	6.0
			11:35	0.50	4	0.25	31.20	31.20		7.81	7.81		6.79	6.79		72.00	71.40		6.08	6.04		8.05	7.38		6.10	
	29/7/2022	Sunny	13:00	0.50	4	0.25	30.00	30.00	30.0	7.98	7.98	8.0	12.33	12.33	12.3	72.80	72.00	72.4	5.94	5.86	5.9	5.41	4.96	5.3	4.10	4.2
		,	13:05	0.50		0.25	30.00	30.00		7.98	7.98		12.33	12.33		72.80	72.00		5.94	5.86		5.68	5.20		4.30	

Remark(s):

All WQM on 2 July was suspended due to unwilling weather condition.

#### Water Quality Monitoring at Station W5 (Middle) - Flood Tide

	Sampling		Sampling	Water	Camaliaa	Sampling	1	emperature	Э		рН			Salinity		DO Satu	ation		DO			Turbidity		SS	3
Station Reference	Date	Weather	Time	Depth	Sampling Depth	Depth		°C			-			ppt		%			mg/L			NTU		mg/	/L
	Date		Time	m	Бери	m	Va	lue	Average	Val	ue	Average	Val	ue	Average	Value	Average	Valu	ie	Average	Val	ue	Average	Value	Average
	4/7/2022	Cloudy	8:15	0.50		0.25	26.00	26.00	26.0	7.22	7.22	7.2	1.71	1.71	17	79.90 79	40 79.7	7.27	7.21	7.2	6.88	6.88	6.9	5.20	5.5
	4/1/2022	Cloudy	8:20	0.50		0.25	26.00	26.00	20.0	7.22	7.22	1.2	1.71	1.71	1.7	79.90 79	40	7.27	7.21	1.2	6.88	6.88	0.5	5.70	3.3
	6/7/2022	Rainv	10:30	0.50		0.25	26.50	26.50	26.5	7.38	7.38	7.4	1.77	1.77	1.8	80.00 79	79.8	7.09	7.01	7 1	5.83	5.83	5.8	2.20	2.3
	0/1/2022	reality	10:35	0.50		0.25	26.50	26.50	20.0	7.38	7.38	7.7	1.77	1.77	1.0	80.00 79	50	7.09	7.01	7.1	5.83	5.83	5.0	2.40	2.0
	8/7/2022	Sunny	13:30	0.50		0.25	29.40	29.40	29.4	7.55	7.55	7.6	0.37	0.37	0.4	79.30 78	78.9	6.89	6.72	6.8	4.95	4.95	5.0	2.90	2.8
	0/1/2022	Suriny	13:35	0.50		0.25	29.40	29.40	29.4	7.55	7.55	7.0	0.37	0.37	0.4	79.30 78	50	6.89	6.72	0.0	4.95	4.95	5.0	2.60	2.0
	11/7/2022	Sunny	17:30	0.50		0.25	28.70	28.70	28.7	7.50	7.50	7.5	0.79	0.79	0.0	75.40 75	75,2	7.06	6.98	7.0	5.16	5.16	5.2	2.40	2.5
	11/7/2022	Suriny	17:35	0.50		0.25	28.70	28.70	20.1	7.50	7.50	7.5	0.79	0.79	0.0	75.40 75	00 75.2	7.06	6.98	7.0	5.16	5.16	5.2	2.60	2.5
	13/7/2022	Sunny	19:30	0.50		0.25	30.00	30.00	30.0	7.57	7.57	7.6	1.91	1.91	1.0	75.10 74	75.0	6.96	6.88	6.9	4.33	4.33	4.2	2.70	2.5
	13/1/2022	Suriny	19:35	0.50		0.25	30.00	30.00	30.0	7.57	7.57	7.0	1.91	1.91	1.9	75.10 74	30	6.96	6.88	6.9	4.33	4.33	4.3	2.30	2.5
W5	15/7/2022	Sunny	7:00	0.50		0.25	27.30	27.30	27.3	8.22	8.22	0.2	20.00	20.00	20.0	71.60 71	71.3	6.21	6.15	6.2	13.22	13.22	13.2	3.20	3.3
Silvermine Bay	13/1/2022	Sullily	7:05	0.50	Middle	0.25	27.30	27.30	21.3	8.22	8.22	0.2	20.00	20.00	20.0	71.60 71	00	6.21	6.15	0.2	13.22	13.22	13.2	3.40	3.3
(Near Silvermine Bay	18/7/2022	Sunny	9:00	0.50	Wildule	0.25	29.80	29.80	29.8	8.16	8.16	9.2	23.01	23.01	23.0	69.90 69	69.6	5.68	5.60	5.6	10.30	9.44	9.6	7.80	7.6
Beach)	10/1/2022	Suility	9:05	0.50		0.25	29.80	29.80	25.0	8.16	8.16	0.2	23.01	23.01	23.0	69.90 69	30	5.68	5.60	3.0	9.64	8.83	5.0	7.30	7.0
	20/7/2022	Sunny	11:00	0.50		0.25	29.00	29.00	29.0	7.70	7.70	7.7	0.76	0.76	0.0	79.90 79	10 79.7	6.86	6.78	6.8	3.83	3.51	3.5	2.90	2.8
	20/1/2022	Suility	11:05	0.50		0.25	29.00	29.00	25.0	7.70	7.70	1.1	0.76	0.76	0.0	79.90 79	40	6.86	6.78	0.0	3.56	3.27	3.3	2.70	2.0
	22/7/2022	Sunny	14:30	0.50		0.25	30.60	30.60	30.6	7.72	7.72	7.7	0.46	0.46	0.5	74.70 73	74.3	6.00	5.91	6.0	4.22	3.87	3.9	3.20	3.1
	22/1/2022	Suriny	14:35	0.50		0.25	30.60	30.60	30.6	7.72	7.72	7.7	0.46	0.46	0.5	74.70 73	30	6.00	5.91	6.0	3.83	3.51	3.9	2.90	3.1
	25/7/2022	Sunny	22:30	0.50		0.25	28.60	28.60	28.6	7.72	7.72	7.7	0.92	0.92	0.0	71.40 71	71.2	6.13	6.05	6.1	3.70	3.39	3.7	2.80	2.9
	25/1/2022	Suriny	22:35	0.50		0.25	28.60	28.60	20.0	7.72	7.72	7.7	0.92	0.92	0.9	71.40 71	00	6.13	6.05	0.1	3.96	3.63	3.7	3.00	2.9
	27/7/2022	Sunny	19:15	0.50	Ī	0.25	28.00	28.00	28.0	7.61	7.61	7.6	2.10	2.10	2.1	74.20 73	73.8	6.43	6.40	6.4	5.02	4.60	4.6	3.80	3.7
	211112022	Sullily	19:20	0.50		0.25	28.00	28.00	20.0	7.61	7.61	7.6	2.10	2.10	2.1	74.20 73	40 /3.8	6.43	6.40	0.4	4.62	4.24	4.0	3.50	3.7
	29/7/2022	Cummu	6:00	0.50	Ī	0.25	28.90	28.90	28.9	8.23	8.22	0.2	24.56	24.56	24.6	72.60 72	72.4	5.51	5.41	E E	5.02	4.60	5.1	3.80	4.0
	29/1/2022	Sunny	6:05	0.50		0.25	28.90	28.90	28.9	8.23	8.22	8.2	24.56	24.56	24.6	72.60 72	10 72.4	5.51	5.41	5.5	5.54	5.08	5.1	4.20	4.0

Remark(s):

#### Water Quality Monitoring at Station W6 (Middle) - Ebb Tide

	0"		0"	Water	0	Sampling	Tei	mperature	е		рН			Salinity		D	O Saturatio	on		DO		Ti	urbidity		S	SS
Station Reference	Sampling Date	Weather	Sampling Time	Depth	Sampling Level	Depth		°C			-			ppt			%			mg/L			NTU		mg	j/L
	Date		Tillio	m	LOVOI	m	Value	e	Average	Value		Average	Val	ue	Average	Val	lue	Average	Val	ue	Average	Value		Average	Value	Average
	4/7/2022	Cloudy	15:45	2.00		1.00	26.90	26.90	26.9	7.93	7.93	7.9	15.87	15.87	15.9	74.90	74.20	74.6	6.41	6.34	6.4	5.91	5.91	5.9	5.60	5.4
	4/1/2022	Oloudy	15:50	2.00		1.00	26.90	26.90	20.5	7.93	7.93	7.5	15.87	15.87	10.5	74.90	74.20	74.0	6.41	6.34	0.4	5.91	5.91	0.0	5.20	JT
	6/7/2022	Cloudy	17:30	1.90		0.95	26.10	26.10	26.1	8.08	8.08	8.1	14.70	14.70	14.7	84.80	83.80	84.3	6.44	6.38	6.4	6.17	6.17	6.2	6.60	6.4
	GITTEGEE	o.ouu,	17:35	1.90		0.95	26.10	26.10	20	8.08	8.08	0.1	14.70	14.70		84.80	83.80	01.0	6.44	6.38	0.1	6.17	6.17	0.2	6.20	U
	8/7/2022	Sunny	8:00	1.90		0.95	28.00	28.00	28.0	8.14	8.14	8.1	12.60	12.60	12.6	76.80	76.20	76.5	6.78	6.66	6.7	4.22	4.22	4.2	5.00	5.2
	GITTEGEE	Guiniy	8:05	1.90		0.95	28.00	28.00	20.0	8.14	8.14	0.1	12.60	12.60	12.0	76.80	76.20	7 0.0	6.78	6.66	0	4.22	4.22		5.40	
	11/7/2022	Sunny	10:30	2.00		1.00	30.10	30.10	30.1	8.45	8.45	8.5	12.23	12.23	12.2	77.60	77.20	77.4	6.31	6.26	6.3	4.82	4.82	4.8	4.20	4.1
	THITTEGEL	Guiniy	10:35	2.00		1.00	30.10	30.10	00.1	8.45	8.45	0.0	12.23	12.23		77.60	77.20		6.31	6.26	0.0	4.82	4.82	1.0	4.00	
	13/7/2022	Sunny	12:15	1.90		0.95	29.70	29.70	29.7	8.38	8.38	8.4	17.77	17.77	17.8	79.80	77.30	78.6	6.23	6.14	6.2	5.78	5.77	5.8	3.80	3.7
		,	12:20	1.90		0.95	29.70	29.70		8.38	8.38		17.77	17.77		79.80	77.30		6.23	6.14		5.78	5.77		3.50	
W6	15/7/2022	Sunny	13:45	2.10		1.05	30.20	30.20	30.2	8.40	8.40	8.4	20.00	20.00	20.0	75.60	75.00	75.3	6.09	5.97	6.0	7.42	7.42	7.4	3.80	3.6
Silvermine Bay		,	13:50	2.10	Middle	1.05	30.20	30.20		8.40	8.40		20.00	20.00		75.60	75.00		6.09	5.97		7.42	7.42		3.40	
(Near Silvermine Bay Beach)	18/7/2022	Sunny	16:15	1.90		0.95	29.90	29.90	29.9	8.27	8.27	8.3	22.36	22.36	22.4	76.70	76.30	76.5	6.27	6.17	6.2	4.56	4.89	4.7	5.10	5.3
Deacii)		,	16:20	1.90		0.95	29.90	29.90		8.27	8.27		22.36	22.36		76.70	76.30		6.27	6.17	***	4.56	4.89		5.40	
	20/7/2022	Sunny	17:30	1.80		0.90	29.70	29.70	29.7	8.25	8.25	8.3	19.57	19.57	19.6	76.90	76.00	76.5	6.29	6.19	6.2	5.28	4.84	5.1	4.00	4.0
		,	17:35	1.80	1	0.90	29.70	29.70		8.25	8.25		19.57	19.57		76.90	76.00		6.29	6.19		5.28	4.84		4.00	
	22/7/2022	Sunny	8:45	1.90		0.95	27.90	27.90	27.9	8.39	8.39	8.4	22.47	22.47	22.5	76.40	75.70	76.1	6.15	6.07	6.1	2.64	2.42	2.5	2.00	2.0
		,	8:50	1.90		0.95	27.90	27.90		8.39	8.39		22.47	22.47		76.40	75.70		6.15	6.07		2.64	2.42		2.00	
	25/7/2022	Sunny	10:45	1.80	1	0.90	31.50	31.50	31.5	8.31	8.31	8.3	22.29	22.29	22.3	79.90	79.10	79.5	6.14	5.99	6.1	5.28	4.84	4.8	4.00	3.8
			10:50	1.80	1	0.90	31.50	31.50		8.31	8.31		22.29	22.29		79.90	79.10		6.14	5.99		4.75	4.36		3.60	
	27/7/2022	Sunny	11:45	1.80	4	0.90	31.40	31.40	31.4	8.51	8.51	8.5	23.15	23.15	23.2	86.00	85.50	85.8	6.21	6.15	6.2	6.34	5.81	6.3	4.80	5.0
			11:50	1.80	1	0.90	31.40	31.40		8.51	8.51		23.15	23.15		86.00	85.50		6.21	6.15		6.73	6.17		5.10	
	29/7/2022	Sunny	13:15	2.00		1.00	31.30	31.30	31.3	8.51	8.51	8.5	24.33	24.33	24.3	73.90	73.40	73.7	5.83	5.71	5.8	3.96	3.63	4.0	3.00	3.2
		,	13:20	2.00		1.00	31.30	31.30		8.51	8.51		24.33	24.33		73.90	73.40		5.83	5.71		4.36	3.99		3.30	

Remark(s):

All WQM on 2 July was suspended due to unwilling weather condition.

#### Water Quality Monitoring at Station W6 (Middle) - Flood Tide

	Sampling		Sampling	Water	Camaliaa	Sampling	1	emperature	Э		рН			Salinity		DO Satura	ition		DO			Turbidity		S	S
Station Reference	Date	Weather	Time	Depth	Sampling Depth	Depth		°C			-			ppt		%			mg/L			NTU		mg	ı/L
	Date		Time	m	Бери	m	Va	lue	Average	Val	ue	Average	Val	lue	Average	Value	Average	Valu	ie	Average	Val	ue	Average	Value	Average
	4/7/2022	Cloudy	8:30	2.20		1.10	26.50	26.50	26.5	8.06	8.06	0.1	13.48	13.48	13.5	81.10 80.7	0 80.9	6.60	6.55	6.6	6.45	6.45	6.5	6.80	7.0
	4/1/2022	Cloudy	8:35	2.20		1.10	26.50	26.50	20.5	8.06	8.06	0.1	13.48	13.48	13.3	81.10 80.7	0	6.60	6.55	0.0	6.45	6.45	0.5	7.20	7.0
	6/7/2022	Rainv	10:45	2.30		1.15	26.80	26.80	26.8	7.87	7.87	7.0	15.79	15.79	15.8	76.80 76.3	76.6	6.24	6.17	6.2	4.45	4.45	4.5	2.50	2.6
	0/1/2022	reality	10:50	2.30		1.15	26.80	26.80	20.0	7.87	7.87	7.5	15.79	15.79	10.0	76.80 76.3	0.0	6.24	6.17	0.2	4.45	4.45	4.5	2.60	2.0
	8/7/2022	Sunny	13:45	2.10		1.05	30.00	29.90	30.0	8.42	8.42	8.4	13.17	13.17	13.2	85.20 84.7	0 85.0	6.80	6.73	6.8	5.05	5.05	5.1	3.40	3.5
	0/1/2022	Sullily	13:50	2.10		1.05	30.00	29.90	30.0	8.42	8.42	0.4	13.17	13.17	13.2	85.20 84.7	0	6.80	6.73	0.0	5.05	5.05	3.1	3.60	3.3
	11/7/2022	Sunny	17:45	2.20		1.10	31.10	31.00	31.1	8.60	8.60	8.6	13.37	13.37	13.4	73.40 72.9	73.2	6.10	6.04	6.1	16.14	16.14	16.1	33.00	32.8
	11/1/2022	Sullily	17:50	2.20		1.10	31.10	31.00	31.1	8.60	8.60	0.0	13.37	13.37	13.4	73.40 72.9	0 /3.2	6.10	6.04	0.1	16.14	16.14	10.1	32.60	32.0
	13/7/2022	Sunny	19:45	2.20		1.10	30.20	30.20	30.2	8.56	8.56	8.6	16.75	16.75	16.8	81.80 81.0	0 81.4	6.27	6.21	6.2	11.20	11.19	11.2	11.90	11.8
	13/1/2022	Summy	19:50	2.20		1.10	30.20	30.20	30.2	8.56	8.56	0.0	16.75	16.75	10.0	81.80 81.0	0	6.27	6.21	0.2	11.20	11.19	11.2	11.60	11.0
W6	15/7/2022	Sunny	7:15	2.60		1.30	28.80	28.80	28.8	8.33	8.33	83	21.27	21.27	21.3	84.40 83.0	0 83.7	6.16	6.11	6.1	10.59	10.59	10.6	3.00	3.2
Silvermine Bay	10/1/2022	Odility	7:20	2.60	Middle	1.30	28.80	28.80	20.0	8.33	8.33	0.0	21.27	21.27	21.0	84.40 83.0	0 05.7	6.16	6.11	0.1	10.59	10.59	10.0	3.40	5.2
(Near Silvermine Bay	18/7/2022	Sunny	9:15	2.20	Wildule	1.10	29.10	29.10	29.1	8.19	8.19	0.2	23.92	23.92	23.9	71.50 71.0	0 71.3	5.68	5.60	5.6	7.13	6.53	7.0	5.40	5.6
Beach)	10/1/2022	Sullily	9:20	2.20		1.10	29.10	29.10	23.1	8.19	8.19	0.2	23.92	23.92	23.5	71.50 71.0	0 71.5	5.68	5.60	5.0	7.52	6.90	7.0	5.70	3.0
	20/7/2022	Sunny	11:15	2.30		1.15	30.10	30.10	30.1	8.34	8.34	8.3	20.37	20.37	20,4	75.90 75.4	75.7	6.02	5.93	6.0	3.43	3.15	3.2	2.60	2.6
	20/1/2022	Odility	11:20	2.30		1.15	30.10	30.10	30.1	8.34	8.34	0.0	20.37	20.37	20.4	75.90 75.4	0	6.02	5.93	0.0	3.30	3.03	5.2	2.50	2.0
	22/7/2022	Sunny	14:45	2.10		1.05	31.10	31.10	31.1	8.25	8.25	8.3	22.32	22.32	22.3	78.40 77.6	0 78.0	5.75	5.71	5.7	5.15	4.72	5.1	3.90	4.1
	22/1/2022	Sullily	14:50	2.10		1.05	31.10	31.10	31.1	8.25	8.25	0.3	22.32	22.32	22.3	78.40 77.6	0 78.0	5.75	5.71	3.7	5.54	5.08	3.1	4.20	4.1
	25/7/2022	Sunny	22:45	2.20		1.10	31.40	31.40	31.4	8.42	8.42	8.4	22.28	22.28	22.3	84.00 83.6	83.8	6.56	6.47	6.5	4.22	3.87	44	3.20	3.5
	23/1/2022	Sullily	22:50	2.20		1.10	31.40	31.40	31.4	8.42	8.42	0.4	22.28	22.28	22.3	84.00 83.6	0 05.0	6.56	6.47	0.5	4.88	4.48	4.4	3.70	3.3
1	27/7/2022	Sunny	19:30	2.10		1.05	29.60	29.60	29.6	8.66	8.66	8.7	23.44	23.44	23,4	77.90 77.4	0 77.7	6.17	6.09	6.1	10.30	9.44	9.8	7.80	7.8
	21/1/2022	Guilly	19:35	2.10		1.05	29.60	29.60	29.0	8.66	8.66	0.7	23.44	23.44	23.4	77.90 77.4	0 77.7	6.17	6.09	0.1	10.16	9.32	5.0	7.70	7.0
	29/7/2022	Sunny	6:15	2.50		1.25	28.90	28.90	28.9	8.36	8.36	0.1	25.51	25.51	25.5	71.90 70.7	71.3	5.75	5.67	5.7	6.73	6.17	6.6	5.10	5.3
	23/1/2022	Sullily	6:20	2.50		1.25	28.90	28.90	20.9	8.36	8.36	0.4	25.51	25.51	25.5	71.90 70.7	0 71.3	5.75	5.67	5.7	7.13	6.53	0.0	5.40	J.3

Remark(s):

#### Water Quality Monitoring at Station W7 (Middle) - Ebb Tide

	Sampling		Sampling	Water	Sampling	Sampling	Ten	mperature			рН			Salinity		D	O Saturatio	n		DO		Τι	urbidity		S	S
Station Reference	Date	Weather	Time	Depth	Level	Depth		°C			-			ppt			%			mg/L			NTU		mg	ı/L
	Date		Time	m	LOVOI	m	Value	e .	Average	Value		Average	Val	ue	Average	Va	lue	Average	Val	ue	Average	Value	A	Average	Value	Average
	4/7/2022	Cloudy	16:00	2.40		1.20	26.60	26.60	26.6	8.11	8.11	8.1	20.25	20.25	20.3	76.10	75.20	75.7	6.26	6.22	6.2	4.95	4.95	5.0	4.60	4.6
	4/1/2022	Cioudy	16:05	2.40		1.20	26.60	26.60	20.0	8.11	8.11	0.1	20.25	20.25	20.3	76.10	75.20	13.1	6.26	6.22	0.2	4.95	4.95	5.0	4.50	4.0
	6/7/2022	Cloudy	17:45	2.50		1.25	26.80	26.80	26.8	8.13	8.13	8.1	15.27	15.27	15.3	73.90	73.40	73.7	6.48	6.41	6.4	4.70	4.70	4.7	3.50	3.4
	0/1/2022	Oloddy	17:50	2.50		1.25	26.80	26.80	20.0	8.13	8.13	0.1	15.27	15.27	10.0	73.90	73.40	75.7	6.48	6.41	0.4	4.70	4.70	4.7	3.30	5.4
	8/7/2022	Sunny	8:15	2.50		1.25	28.30	28.30	28.3	8.23	8.23	8.2	14.82	14.82	14.8	78.20	77.20	77.7	6.79	6.72	6.8	3.25	3.25	3.3	3.40	3.5
	0/1/2022	Outmy	8:20	2.50		1.25	28.30	28.30	20.0	8.23	8.23	0.2	14.82	14.82	14.0	78.20	77.20	77.7	6.79	6.72	0.0	3.25	3.25	5.5	3.60	0.0
	11/7/2022	Sunny	10:45	2.60		1.30	30.20	30.20	30.2	8.78	8.78	8.8	14.99	14.99	15.0	78.20	77.40	77.8	6.20	6.13	6.2	3.62	3.61	3.6	2.60	2.7
	111112022	ouy	10:50	2.60		1.30	30.20	30.20	00.2	8.78	8.78	0.0	14.99	14.99	10.0	78.20	77.40	77.0	6.20	6.13	0.2	3.62	3.61	0.0	2.80	
	13/7/2022	Sunny	12:30	2.60		1.30	30.10	30.10	30.1	8.61	8.61	8.6	18.63	18.63	18.6	78.10	77.60	77.9	6.15	6.11	6.1	3.27	3.27	3.3	3.60	3.6
		,	12:35	2.60		1.30	30.10	30.10		8.61	8.61		18.63	18.63		78.10	77.60		6.15	6.11	•••	3.27	3.27		3.60	
W7	15/7/2022	Sunny	14:00	2.90		1.45	30.90	30.90	30.9	8.51	8.51	8.5	20.99	20.99	21.0	79.00	78.60	78.8	6.03	5.93	6.0	3.62	3.62	3.6	3.40	3.3
Silvermine Bay		,	14:05	2.90	Middle	1.45	30.90	30.90		8.51	8.51		20.99	20.99		79.00	78.60		6.03	5.93		3.62	3.62		3.10	
(Open Water)	18/7/2022	Sunny	16:30	2.60		1.30	29.80	29.80	29.8	8.39	8.39	8.4	23.78	23.78	23.8	72.00	70.80	71.4	5.94	5.86	5.9	5.61	6.29	5.7	9.70	9.9
		,	16:35	2.60		1.30	29.80	29.80		8.39	8.39		23.78	23.78		72.00	70.80		5.94	5.86		5.61	5.29	•	10.10	
	20/7/2022	Sunny	17:45	2.50		1.25	29.70	29.70	29.7	8.56	8.56	8.6	21.56	21.56	21.6	73.40	72.80	73.1	5.99	5.89	5.9	5.02	4.60	5.1	3.80	4.0
		,	17:50	2.50		1.25	29.70	29.70		8.56	8.56		21.56	21.56		73.40	72.80		5.99	5.89		5.54	5.08		4.20	
	22/7/2022	Sunny	9:00	2.50		1.25	28.10	28.10	28.1	8.50	8.50	8.5	23.05	23.05	23.1	78.30	77.80	78.1	6.08	6.03	6.1	4.22	3.87	4.2	3.20	3.4
			9:05	2.50	1	1.25	28.10	28.10		8.50	8.50		23.05	23.05		78.30	77.80		6.08	6.03		4.62	4.24		3.50	
	25/7/2022	Sunny	11:00	2.50		1.25	31.80	31.80	31.8	8.62	8.62	8.6	22.99	22.99	23.0	69.80	69.20	69.5	5.60	5.54	5.6	6.07	5.57	5.9	4.60	4.7
			11:05	2.50		1.25	31.80	31.80		8.62	8.62		22.99	22.99		69.80	69.20		5.60	5.54		6.34	5.81		4.80	
	27/7/2022	Sunny	12:00	2.40	4	1.20	31.80	31.80	31.8	8.63	8.63	8.6	24.08	24.08	24.1	81.70	80.60	81.2	5.75	5.69	5.7	7.39	6.78	7.3	5.60	5.8
			12:05	2.40	4	1.20	31.80	31.80		8.63	8.63		24.08	24.08		81.70	80.60		5.75	5.69		7.79	7.14		5.90	
	29/7/2022	Sunny	13:30	2.60	4	1.30	31.80	31.80	31.8	8.60	8.60	8.6	25.37	25.37	25.4	76.30	75.50	75.9	5.66	5.57	5.6	4.75	4.36	4.7	3.60	3.8
			13:35	2.60		1.30	31.80	31.80		8.60	8.60		25.37	25.37		76.30	75.50		5.66	5.57		5.15	4.72		3.90	

Remark(s):

All WQM on 2 July was suspended due to unwilling weather condition.

#### Water Quality Monitoring at Station W7 (Middle) - Flood Tide

	Campling		Complian	Water	Complian	Sampling	Te	mperatur	е		рН			Salinity		D	O Saturation	ı		DO		T	urbidity		S	S
Station Reference	Sampling Date	Weather	Sampling Time	Depth	Sampling Depth	Depth		°C			-			ppt			%			mg/L			NTU		mg	J/L
	Date		Title	m	Бериі	m	Valu	e	Average	Value		Average	Va	lue	Average	Va	lue	Average	Va	lue	Average	Value	9	Average	Value	Average
	4/7/2022	Cloudy	8:45	2.60		1.30	26.50	26.40	26.5	8.15	8.15	8.2	14.73	14.73	14.7	81.10	79.40	80.3	6.37	6.31	6.3	6.49	6.49	6.5	3.80	4.0
	4/1/2022	Cioddy	8:50	2.60		1.30	26.50	26.40	20.5	8.15	8.15	0.2	14.73	14.73	14.7	81.10	79.40	00.3	6.37	6.31	0.5	6.49	6.49	0.5	4.20	4.0
	6/7/2022	Rainv	11:00	3.00		1.50	27.10	27.10	27.1	8.01	8.01	8.0	17.06	17.06	17.1	77.50	76.70	77.1	6.49	6.43	6.5	5.39	5.39	5.4	3.00	3.2
	0/1/2022	reality	11:05	3.00	]	1.50	27.10	27.10	27.1	8.01	8.01	0.0	17.06	17.06	.,	77.50	76.70	77.1	6.49	6.43	0.5	5.39	5.39	5.4	3.30	J.2
	8/7/2022	Sunny	14:00	2.70		1.35	30.40	30.40	30.4	8.61	8.61	8.6	14.28	14.28	14.3	87.40	86.80	87.1	7.06	7.00	7.0	3.88	3.88	3.9	3.40	3.3
	0/1/2022	Guilly	14:05	2.70		1.35	30.40	30.40	30.4	8.61	8.61	0.0	14.28	14.28	14.5	87.40	86.80	07.1	7.06	7.00	7.0	3.88	3.88	0.5	3.10	0.0
	11/7/2022	Sunny	18:00	2.80		1.40	31.80	31.80	31.8	8.79	8.79	8.8	14.72	14.72	14.7	78.60	78.00	78.3	6.32	6.26	6.3	4.73	4.73	47	5.80	5.6
	11/1/2022	Guilly	18:05	2.80		1.40	31.80	31.80	31.0	8.79	8.79	0.0	14.72	14.72	14.7	78.60	78.00	70.5	6.32	6.26	0.5	4.73	4.73	4.7	5.40	5.0
	13/7/2022	Sunny	20:00	2.90		1.45	30.20	30.20	30.2	8.59	8.59	8.6	18.65	18.65	18.7	77.70	76.80	77.3	6.22	6.17	6.2	5.57	5.57	5.6	3.70	3.6
	10///2022	Guiniy	20:05	2.90		1.45	30.20	30.20	00.2	8.59	8.59	0.0	18.65	18.65	10.1	77.70	76.80	77.0	6.22	6.17	0.2	5.57	5.57	0.0	3.50	0.0
W7	15/7/2022	Sunny	7:30	3.40		1.70	28.30	28.30	28.3	8.37	8.37	8.4	20.99	20.99	21.0	75.90	75.10	75.5	6.17	6.09	6.1	7.30	7.30	7.3	3.00	3.2
Silvermine Bay		,	7:35	3.40	Middle	1.70	28.30	28.30		8.37	8.37	***	20.99	20.99		75.90	75.10		6.17	6.09	***	7.30	7.30		3.40	*
(Open Water)	18/7/2022	Sunny	9:30	2.90		1.45	29.10	29.10	29.1	8.27	8.27	8.3	23.63	23.63	23.6	74.70	73.90	74.3	5.70	5.66	5.7	4.62	4.24	4.7	3.50	3.7
		,	9:35	2.90		1.45	29.10	29.10		8.27	8.27		23.63	23.63		74.70	73.90		5.70	5.66	***	5.15	4.72		3.90	
	20/7/2022	Sunny	11:30	3.00	1	1.50	29.70	29.70	29.7	8.50	8.50	8.5	22.38	22.38	22.4	84.70	84.00	84.4	6.27	6.22	6.2	3.96	3.63	3.9	3.00	3.1
		,	11:35	3.00	-1	1.50	29.70	29.70		8.50	8.50		22.38	22.38		84.70	84.00	•	6.27	6.22		4.22	3.87		3.20	***
	22/7/2022	Sunny	15:00	2.70	1	1.35	31.40	31.40	31.4	8.51	8.51	8.5	23.52	23.52	23.5	76.40	75.80	76.1	5.67	5.62	5.6	7.13	6.53	7.1	5.40	5.6
		,	15:05	2.70	1	1.35	31.40	31.40		8.51	8.51		23.52	23.52		76.40	75.80		5.67	5.62		7.66	7.02		5.80	
	25/7/2022	Sunny	23:00	2.90		1.45	31.40	31.40	31.4	8.71	8.71	8.7	22.93	22.93	22.9	75.80	75.20	75.5	5.82	5.78	5.8	5.54	5.08	5.4	4.20	4.3
		,	23:05	2.90	1	1.45	31.40	31.40		8.71	8.71	***	22.93	22.93		75.80	75.20		5.82	5.78		5.81	5.32		4.40	
	27/7/2022	Sunny	19:45	2.70		1.35	29.90	29.90	29.9	8.73	8.73	8.7	24.09	24.09	24.1	75.00	74.60	74.8	5.95	5.88	5.9	5.94	5.45	5.8	4.50	4.6
		,	19:50	2.70	4	1.35	29.90	29.90		8.73	8.73		24.09	24.09		75.00	74.60		5.95	5.88		6.20	5.69		4.70	
	29/7/2022	Sunny	6:30	3.10	4	1.55	28.90	28.90	28.9	8.43	8.43	8.4	25.19	25.19	25.2	71.40	70.80	71.1	5.64	5.63	5.6	3.43	3.15	3.0	2.60	2.4
		,	6:35	3.10	<u> </u>	1.55	28.90	28.90		8.43	8.43		25.19	25.19		71.40	70.80		5.64	5.63		2.90	2.66		2.20	

Remark(s):

#### Water Quality Monitoring at Station W8 (Surface) - Ebb Tide

	Sampling		Sampling	Water	Sampling	Sampling	Τe	emperatur	е		рН		S	alinity		DO Sa	turation		DO			Turbidity		S	SS
Station Reference	Date	Weather	Time	Depth	Level	Depth		°C			-			ppt		%			mg/L	NTU			mç	g/L	
				m		m	Value		Average	Value		Average	Value		Average	Value	Aver	age	Value	Average	Valu	e	Average	Value	Average
	4/7/2022	Cloudy	16:15	3.80		1.00	26.60	26.60	26.6	8.18	8.18	8.2	17.47	17.47	17.5	86.10	85.60	۰	6.79 6.7	6.8	5.18	5.18	5.2	2.70	2.9
	4/1/2022	Oloudy	16:20	3.80		1.00	26.60	26.60	20.0	8.18	8.18	0.2	17.47	17.47	17.0	86.10	35.60	.5	6.79 6.7	1 0.0	5.18	5.18	5.2	3.00	2.5
	6/7/2022	Cloudy	18:00	3.60	1	1.00	26.50	26.50	26.5	8.19	8.19	8.2	15.99	15.99	16.0	80.70	79.80	3	6.78 6.73	6.8	3.67	3.67	3.7	2.70	2.5
-	0/1/2022	Oloddy	18:05	3.60		1.00	26.50	26.50	20.0	8.19	8.19	0.2	15.99	15.99	10.0	80.70	79.80	.5	6.78 6.73	3	3.67	3.67	5.7	2.30	2.0
	8/7/2022	Sunny	8:30	3.50		1.00	28.10	28.10	28.1	8.27	8.27	8.3	15.54	15.54	15.5	80.10	79.40 79.	8	6.83 6.75	6.8	3.36	3.36	3.4	2.10	2.1
	0/1/2022	Outmy	8:35	3.50		1.00	28.10	28.10	20.1	8.27	8.27		15.54	15.54	10.0	80.10	79.40	.0	6.83 6.75	5 0.0	3.36	3.36	5.4	2.10	
	11/7/2022	Sunny	11:00	3.60		1.00	30.20	30.20	30.2	8.79	8.79	79 8.8 62 8.6	14.84	14.84	14.8	77.30	76.70 77.	0	6.22 6.15	6.2	3.82	3.81	3.8	2.20	2.3
			11:05	3.60	1	1.00	30.20	30.20	00.2	8.79	8.79		14.84	14.84	11.0	77.30	76.70	.0	6.22 6.15	5	3.82	3.81	0.0	2.40	
	13/7/2022	Sunny	12:45	3.60		1.00	29.70	29.60	29.7	8.62	8.62		18.21	18.21	18.2	79.40	78.60 79.	0	6.26 6.17	6.2	2.82	2.82	2.8	3.90	4.0
	10/1/2022	Guiniy	12:50	3.60		1.00	29.70	29.60		8.62	8.62	0.0	18.21	18.21	10.2		78.60	.0	6.26 6.17	7	2.82	2.82	2.0	4.10	
W8	15/7/2022	Sunny	14:15	3.70		1.00		30.20	30.2	8.48	8.48	8.5	20.37	20.37	20.4		72.70	.9	6.13 6.03	6.1	3.65	3.65	3.7	2.60	2.8
Silvermine Bay		,	14:20	3.70	Surface	1.00	30.20	30.20		8.48	8.48		20.37	20.37			72.70		6.13 6.03	3	3.65	3.65	•	2.90	
(Open Water)	18/7/2022	Sunny	16:45	3.70		1.00	29.70	29.70	29.7	8.44	84	8.4	23.79	23.79	23.8		82.40	.7	6.33 6.23		4.87	4.88	4.9	6.00	6.2
		Outliny	16:50	3.70	l	1.00	29.70	29.70		8.44	8.44	4	23.79	23.79			32.40		6.33 6.23	3	4.87	4.88		6.40	L
	20/7/2022	Sunny	18:00	3.60		1.00	29.60		29.6	8.67	8.67	8.7	22.26	22.26	22.3		77.00	.5	5.90 5.84		5.28	4.84	4.9	4.00	3.9
		,	18:05	3.60							8.67 8.67		22.26	22.26			77.00		5.90 5.84	1	4.88	4.48		3.70	<u> </u>
	22/7/2022	Sunny	9:15	3.70				27.60	27.6	8.56	8.56	8.6	22.49	22.49	22.5		79.10 79.	.4	6.27 6.18		5.02	4.60	4.6	3.80	3.6
		,	9:20	3.70		1.00	27.60	27.60		8.56	8.56		22.49	22.49			79.10		6.27 6.18	3	4.49	4.11		3.40	
	25/7/2022	Sunny	11:15	3.60		1.00	31.60	31.60	31.6	8.65	8.65	8.7	22.87	22.87	22.9		76.50 76.	.9	5.79 5.68	5.7	4.49	4.11	4.5	3.40	3.6
			11:20	3.60		1.00	31.60	31.60		8.65	8.65		22.87	22.87			76.50		5.79 5.68	3	4.88	4.48		3.70	<u> </u>
	27/7/2022	Sunny	12:15	3.60		1.00	31.60	31.60	31.6	8.65	8.65	8.7	23.63	23.63	23.6		70.80 71.	.2	5.86 5.79	5.8	6.60	6.05	6.1	5.00	4.9
			12:20	3.60		1.00	31.60	31.60		8.65	8.65		23.63	23.63			70.80	5.86 5.79	)	,	6.20	5.69		4.70	<u> </u>
29/7	29/7/2022	Sunny	13:45	3.70		1.00	31.20	31.20	31.2	8.62	8.62	8.6	24.96	24.96	25.0		74.60 75.	.0	6.03 5.94	6.0	6.34	5.81	5.8	4.80	4.6
	Guilly	13:50	3.70		1.00	31.20	31.20 31.20		8.62	8.62		24.96	24.96		75.30	74.60		6.03 5.94	1	5.81	5.32		4.40		

Remark(s):

All WQM on 2 July was suspended due to unwilling weather condition.

#### Water Quality Monitoring at Station W8 (Surface) - Flood Tide

	Sampling		0	Water	0	Sampling	T	emperatur	re		рН			Salinity		DC	Saturation	1	DO				Γurbidity	S	S	
Station Reference	Date	Weather	Sampling Time	Depth	Sampling Depth	Depth		°C			-			ppt			%			ng/L			NTU		mg	J/L
	Date		Tillio	m	Бери	m	Value A		Average	e Value		Average	Va	Value Ave		Valu	ıe	Average	Value		verage	Value		Average	Value	Average
	4/7/2022	Cloudy	9:00	4.00		1.00	26.40	26.40	26.4	.4 8.15 8.15 8.2	12.75	12.75	12.8	90.80	79.90	85.4	6.40	6.34	6.4	6.93	6.93	6.9	4.60	4.5		
6/7/2022	4/1/2022	Oloudy	9:05	4.00		1.00	26.40	26.40	20.4	8.15	8.15	8.15	12.75	12.75	12.0	90.80	79.90	00.4	6.40	6.34	0.4	6.93	6.93	0.5	4.30	4.5
	6/7/2022	Rainv	11:15	4.10		1.00	26.90	26.90	26.9	8.05	8.05	8.1	16.98	16.98	17.0	79.00	78.60	78.8	6.43	6.39	6.4	4.06	4.06	4.1	2.10	2.1
	OTTEGEE	,	11:20	4.10		1.00	26.90	26.90	20.0	8.05	8.05	0.1	16.98	16.98	17.0	79.00	78.60	7 0.0	6.43	6.39	0.1	4.06	4.06		2.10	
	8/7/2022	Sunny	14:15	3.70		1.00	30.20	30.20	30.2	8.68	6.68	7.7	13.46	13.46	13.5	86.10	85.30	85.7	7.04	6.98	7.0	4.45	4.45	4.5	2.10	2.3
			14:20	3.70		1.00	30.20	30.20		8.68	6.68		13.46	13.46		86.10	85.30		7.04	6.98		4.45	4.45		2.40	
'	11/7/2022	Sunny	18:15	3.90		1.00	31.50	31.50	31.5 8.85 30.1	8.85	8.85	8.9	14.89	14.89	14.9	80.80	79.70	80.3	6.79	6.71	6.8	3.94	3.94	3.9	3.40	3.4
'	11///2022	,	18:20	3.90		1.00	31.50	31.50			8.85	0.0	14.89	14.89		80.80	79.70		6.79	6.71		3.94	3.94		3.40	
'	13/7/2022	Sunny	20:15	3.90		1.00	30.10	30.10		8.66	8.7	18.17	18.17	18.2	79.20	78.80	79.0	6.46	6.35	6.4	3.81	3.81	3.8	4.40	4.2	
		,	20:20	3.90		1.00	30.10	30.10		8.66	8.66		18.17	18.17		79.20	78.80		6.46	6.35		3.81	3.81		4.00	
W8	15/7/2022	Sunny	7:45	4.20		1.00 28.20	28.20	28.2	8.42	8.42	8.4	21.08	21.08	21.1	74.40	74.00	74.2	6.12	6.03	6.1	3.73	3.73	3.7	3.30	3.1	
Silvermine Bay		,	7:50	4.20	Surface	1.00	28.20	28.20	-	8.42	8.42		21.08	21.08		74.40	74.00		6.12	6.03		3.73	3.73		2.90	
(Open Water)	18/7/2022	Sunny	9:45	4.00		1.00	28.90	28.90	28.9	28.9 8.28 8.28 29.7 8.51	8.28	8.3	24.11	24.11	24.1	72.00	71.60	71.8	5.98	5.93	6.0	4.49	4.11	4.1	3.40	3.3
'		-	9:50	4.00	0	1.00	28.90	28.90	90		8.28		24.11	24.11		72.00	71.60		5.98	5.93		4.09	3.75		3.10	
'	20/7/2022	Sunny	11:45	4.10		1.00	29.70	29.70	29.7			8.5	22.57	22.57	22.6	75.80	75.20	75.5	5.92	5.84	5.9	5.15	4.72	5.1	3.90	4.1
		,	11:50	4.10		1.00	29.70	29.70	8.51 8.51		22.57	22.57		75.80	75.20		5.92	5.84		5.54	5.08	0	4.20			
'	22/7/2022	Sunny	15:15	3.90		1.00	30.90	30.90	30.9	30.9 8.58	8.58	8.6	23.05	23.05	23.1	79.60	78.40	79.0	5.92	5.84	5.9	4.62	4.24	4.1	3.50	3.3
1		,	15:20	3.90		1.00	30.90	30.90		8.58	8.58		23.05	23.05		79.60	78.40		5.92	5.84		3.96	3.63		3.00	
1	25/7/2022	Sunny	23:15	4.00		1.00	31.60	31.60	31.6	8.73	8.73	8.7	22.76	22.76	22.8	78.60	77.50	78.1	5.92	5.86	5.9	5.02	4.60	4.6	3.80	3.6
1		,	23:20	4.00		1.00	31.60	31.60		8.73	8.73		22.76	22.76		78.60	77.50		5.92	5.86		4.49	4.11		3.40	
1	27/7/2022	Sunny	20:00	3.90		1.00	30.20	30.20	30.2	8.78	8.78	8.8	23.90	23.90	23.9	77.30	76.60	77.0	6.00	5.94	6.0	5.15	4.72	4.8	3.90	3.8
1			20:05	3.90		1.00	30.20	30.20	0 8.78 0 8.46	8.78		23.90	23.90	25.3	77.30	76.60		6.00	5.94		4.88	4.48		3.70		
1 '	29/7/2022	Sunny	6:45	4.20		1.00		28 9		8.46	8.5	25.33	25.33		78.70	78.00 78.4	78.4	6.01	5.94	6.0	5.02	4.60	5.1	3.80	4.0	
Daniel de la constante de la c		) lukuwaa aus	6:50	4.20		1.00	28.90	28.90		8.46	8.46		25.33	25.33		78.70	78.00		6.01	5.94		5.54	5.08	-	4.20	

Remark(s):

#### Water Quality Monitoring at Station W8 (Bottom) - Ebb Tide

	Sampling		Sampling	Water	Sampling	Sampling	Te	mperature	е		рН			Salinity		D	O Saturatio	n		DO		Tı	urbidity	S	SS	
Station Reference	Date	Weather	Time	Depth	Level	Depth		°C			-			ppt		%			mg/L			NTU			mg	g/L
	Date		11110	m	LCVCI	m	Value		Average	Value		Average	Val	ue	Average	Val	lue	Average	Val	ue	Average	Value		Average	Value	Average
	4/7/2022	Cloudy	16:25	3.80		2.80		26.50	26.6	8.18	8.17	8.2	19.51	19.51	19.5	74.60	74.10	74.4	6.39	6.33	6.4	5.20	5.20	5.2	3.30	3.5
	4/1/2022	Oloudy	16:30	3.80		2.80	26.60	26.50	20.0	8.18 8.11	8.17	0.2	19.51	19.51	10.0	74.60	74.10	7-1-1	6.39	6.33	0.4	5.20	5.20	J.2	3.60	0.0
	6/7/2022	Cloudy	18:10	3.60		2.60	26.40	26.40	26.4	8.16	8.16	8.2	16.99	16.99	17.0	74.60	74.10	74.4	6.36	6.29	6.3	3.95	3.95	4.0	5.00	4.9
	GITTEGEE	Cioday	18:15	3.60		2.60	26.40	26.40	20	8.16	8.16	O.L	16.99	16.99		74.60	74.10		6.36	6.29	0.5	3.95	3.95	0	4.70	
	8/7/2022	Sunny	8:40	3.50		2.50	29.00	29.00	29.0	8.30	8.29	8.3	15.64	15.64	15.6	79.20	78.40	78.8	6.69	6.60	6.6	3.38	3.38	3.4	2.00	2.0
		,	8:45	3.50	_	2.50	29.00	29.00		8.30	8.29	0.0	15.64	15.64		79.20	78.40		6.69	6.60		3.38	3.38	***	2.00	
	11/7/2022	Sunny	11:10	3.60		2.60	29.80	29.80	29.8	8.70	8.70	8.7	16.34	16.34	16.3	81.30	80.90	81.1	6.49	6.38	6.4	4.14	4.14	4.1	3.40	3.3
			11:15	3.60		2.60	29.80	29.80		8.70	8.70		16.34	16.34		81.30	80.90		6.49	6.38		4.14	4.14		3.10	<u> </u>
		Sunny	12:55	3.60		2.60	29.30	29.30	29.3	8.44	8.4	8.4	20.43	20.43	20.4	78.60	78.20	78.4	6.14	6.09	6.1	4.19	4.19	4.2	4.80	5.0
			13:00	3.60		2.60	29.30	29.30	0 29.7 8.51 8.5	8.44	_	20.43	20.43		78.60	78.20		6.14	6.09		4.19	4.19		5.20		
W8	15/7/2022	Sunny	14:25	3.70		2.70		29.70				8.5	21.15	21.15	21.2	76.20	75.10	75.7	6.39	6.29	6.3	4.60	4.60	4.6	3.30	3.5
Silvermine Bay	18/7/2022		14:30	3.70	Bottom	2.70	29.70	29.70		8.51	8.51		21.15	21.15		76.20	75.10		6.39	6.29		4.60	4.60		3.60	<del></del>
(Open Water)		Sunny	16:55 17:00	3.70 3.70		2.70 2.70	29.50 29.50 29.50 29.50	29.50		8.46 8.46	8.5	8.5	23.99 23.99	23.99	24.0	81.00 81.00	80.50 80.50	80.8	6.29 6.29	6.21 6.21	6.3	4.32 4.32	4.31	4.3	6.90	6.8
		Sunny	18:10	3.70		2.70	29.50				8.46	8.7	23.99	22.77		81.00			6.14	6.09		4.09	3.75			
	20/7/2022		18:15	3.60		2.60	29.60	29 6	29.6	9.6	8.68		22.77	22.77	22.8	81.90	80.90	81.4	6.14	6.09	6.1	4.49	4.11	4.1	3.10	3.3
			9:25	3.70		2.70	28.00	28.00	28.0	8.57	8.57		23.07	23.07		82.90	82.20		6.03	6.17		4.62	4.11		3.50	
	22/7/2022	Sunny	9:30	3.70		2.70	28.00	28.00		8.57	8.57	8.6	23.07	23.07	23.1	82.90	82.20	82.6	6.03	6.17	6.1	5.28	4.84	4.7	4.00	3.8
			11:25	3.60		2.60		31.20		8.66	8.66		23.09	23.09		82.60	81.60		6.20	6.16		4.62	4.24		3.50	
	25/7/2022	Sunny	11:30	3.60		2.60	31.20	31.20	31.2	8.66	8.7	23.09	23.09	23.1	82.60	81.60	82.1	6.20	6.16	6.2	5.15	4.72	4.7	3.90	3.7	
	07/7/0000	-	12:25	3.60		2.60		31.10	24.4	8.62	8 62		24.23	24.23	210	76.70	76.00	70.4	5.68	5.60		5.15	4.72		3.90	
	27/7/2022	Sunny	12:30	3.60		2.60	31.10	31.10	31.1	8.62 8.62	8.6	24.23	24.23	24.2	76.70	76.00	76.4	5.68	5.60	<u>5.6</u>	5.54	5.08	5.1	4.20	4.1	
	00/7/0000	0	13:55	3.70		2.70	30.70	30.70	30.7	8.63	8.63	0.0	25.50	25.50	05.5	75.10	74.60		5.64		5.02	4.60	4.7	3.80	3.7	
29/7/2022	Sunny	14:00	3.70		2.70	30.70	30.70	30.7	8.63	8.63	8.6	25.50	25.50	25.5	75.10	74.60	74.9	5.70	5.64	<u>5.7</u>	4.75	4.36	4.7	3.60	3.7	

Remark(s):

All WQM on 2 July was suspended due to unwilling weather condition.

### Water Quality Monitoring at Station W8 (Bottom) - Flood Tide

	Sampling		Sampling	Water	Campling	Sampling	Ī	emperature	Э		pН			Salinity		DO Satura	tion	DO				Turbidity		SS	
Station Reference	Date	Weather	Time	Depth	Sampling Depth	Depth		°C			-			ppt		%		n	ng/L			NTU		mg/L	-
	Date			m	Берш	m	Value Average		Average	Va	Value Averag		Va	lue	Average	Value Average		Value Average		erage	Value		Average	Value A	Average
	4/7/2022	Cloudy	9:10	4.00		3.00	26.40	26.40 26.30	26.4	8.16	8.16	9.2	17.10	17.10	17.1	72.10 71.0	71.6	6.19	6.12	6.2	5.64	5.64 5.64	5.6	6.00	5.8
	4/1/2022	Cloudy	9:15	4.00	J	3.00	26.40	26.30	20.4	8.16	8.16 8.16	17.10	17.10	17.1	72.10 71.0	) /1.0	6.19	6.12	0.2	5.64	5.64	3.0	5.60	5.0	
6/7/202	6/7/2022	Rainv	11:25	4.10		3.10	26.70 26.70	26.7	8.06	8.06	8.1	17.35	17.35	17.4	76.70 75.1	75.9	6.30	6.26	6.3	3.81	3.81	3.8	2.00	2.0	
	GIIIZOZZ	11019	11:30	4.10		3.10	26.70	26.70	20.1	8.06	8.06	0.1	17.35	17.35		76.70 75.1	) , , ,	6.30	6.26	0.0	3.81	3.81	0.0	2.00	2.0
	8/7/2022	Sunny	14:25	3.70		2.70	30.10	30.10	30.1	8.57	8.57	8.6	15.63	15.63	15.6	78.40 77.7	78.1	6.81	6.70	6.8	4.35	4.35	4.4	3.50	3.5
	GITIZOZZ	Outlify	14:30	3.70		2.70	30.10	30.10	30.1	8.57	8.57	0.0	15.63	15.63	10.0	78.40 77.7	) 70.1	6.81	6.70	0.0	4.35	4.35	7.7	3.40	0.0
	11/7/2022	Sunny	18:25	3.90		2.90	31.30	31.30	31.3	8.82	8.82	8.8	16.02	16.02	16.0	78.70 77.8	78.3	6.35	6.28	6.3	4.46	4.46	4.5	3.90	4.0
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ou,	18:30	3.90		2.90	31.30	31.30		8.82	8.82	0.0	16.02	16.02	10.0	78.70 77.8	) 70.5	6.35	6.28	0.0	4.46	4.46	4.5	4.00	4.0
	13/7/2022	Sunny	20:25	3.90		2.90	30.10	0 30.00	30.1	8.64	8.64	8.6	18.57	18.57	18.6	82.70 82.3	82.5	6.49	6.42	6.5	4.64	4.64	4.6	4.10	4.2
		Cumy	20:30	3.90		2.90	30.10	30.00	00.1		8.64	0.0	18.57	18.57	10.0	82.70 82.3	) 02.0	6.49	6.42	0.0	4.64	4.64		4.20	
W8	15/7/2022	Sunny	7:55	4.20		3.20	28.20	28.20	28.2	8.30	8.30	8.3	22.57	22.57	22.6	77.80 77.0	//.4	6.09	6.01	6.1	4.19	4.19	4.2	3.40	3.6
Silvermine Bay		,	8:00	4.20	Bottom	3.20	28.20	28.20		8.30	8.30		22.57	22.57		77.80 77.0	)	6.09	6.01	•	4.19	4.19		3.80	
(Open Water)	18/7/2022	Sunny	9:55	4.00		3.00	28.90	28.90	28.9	8.28	8.28	8.3	24.00	24.00	24.0	71.20 70.6		5.90	5.84	5.9	5.68	5.20	5.5	4.30	4.4
	10/7/2022	,	10:00	4.00	0	3.00	28.90	28.90		8.28	8.28		24.00	24.00	2 1.0	71.20 70.6	)	5.90	5.84		5.81	5.32		4.40	
	20/7/2022	Sunny	11:55	4.10		3.10	29.60	29.60	29.6	8.51	8.51	8.5	22.86	22.86	22.9	72.30 71.9	/2.1	5.75	5.70	5.7	4.22	3.87	4.2	3.20	3.4
		,	12:00	4.10		3.10	29.60	29.60		8.51	8.51		22.86	22.86		72.30 71.9		5.75	5.70		4.62	4.24		3.50	
	22/7/2022	Sunny	15:25	3.90		2.90	30.50 30.50		30.5	8.51	8.51	8.5	23.92	23.92	23.9	79.90 79.0	79.5	6.29	6.17	6.2	6.60	6.05	6.5	5.00	5.1
		,	15:30	3.90		2.90	30.50	30.50		8.51	8.51		23.92	23.92		79.90 79.0		6.29	6.17		6.86	6.29		5.20	
	25/7/2022	Sunny	23:25	4.00		3.00	31.20	31.20	31.2	8.75	8.75	8.8	22.93	22.93	22.9	81.80 80.9		6.20	6.12	6.2	4.09	3.75	3.7	3.10	3.0
		,	23:30	4.00		3.00	31.20	31.20		8.75	8.75		22.93	22.93		81.80 80.9		6.20	6.12		3.70	3.39		2.80	
	27/7/2022	Sunny	20:10	3.90	4	2.90	30.00	30.00	30.0	8.69 8.69		8.7	24.44	24.44	24.4	75.70 75.3	(5.5	5.85	5.73	5.8	7.66	7.02	7.1	5.80	5.6
			20:15	3.90		2.90	30.00	30.00		8.69	8.69		24.44	24.44	2	75.70 75.3		5.85	5.73		7.13	6.53		5.40	
	29/7/2022	Sunny	6:55	4.20		3.20	28.90	28.90	28.9	8.34	8.34	8.3	25.89	25.89	25.9	73.70 73.0	73.4	5.77	5.75	5.8	5.68	5.20	5.6	4.30	4.5
			7:00	4.20	1	3.20	28.90	28.90	8.90	8.34	8.34		25.89	25.89		73.70 73.0	)	5.77	5.75		6.07	5.57		4.60	

Remark(s):

Water Quality Monitoring at Station W1 (Middle) - Ebb Tide

	Sampling		Sampling	Water	Sampling	Sampling	Tem	nperature	е		рН			Salinity		DO Satu	ration		DO		Т	urbidity		SS	S
Station Reference	Date	Weather	Time	Depth	Level	Depth		°C			-			ppt		%			mg/L			NTU		mg	J/L
	Buto		10	m	2010.	m	Value		Average	Value	е	Average	Val	ue	Average	Value	Average	Val	ue	Average	Value	е	Average	Value	Average
	1/8/2022	Sunny	14:00	0.50	1	0.25	29.90	29.90	29.9	7.27	7.27	7.3	1.10	1.10	1.1	76.50 75	90 76.2	6.94	6.83	6.9	5.52	5.52	5.5	2.40	2.6
	170/2022	Gainiy	14:05	0.50	l	0.25	29.90	29.90	20.0	7.27	7.27	7.0	1.10	1.10		76.50 75	90	6.94	6.83	0.0	5.52	5.52	0.0	2.80	2.0
	3/8/2022	Cloudy	14:45	0.50		0.25	28.60	28.60	28.6	7.34	7.34	7.3	0.35	0.35	0.4	78.20 77	50 77.9	7.06	6.91	7.0	2.76	2.86	2.8	2.00	2.0
	0/0/2022	oloddy	14:50	0.50		0.25	28.60	28.60	20.0	7.34	7.34	7.0	0.35	0.35	0.1	78.20 77	50	7.06	6.91		2.76	2.86		2.00	2.0
	5/8/2022	Rainv	16:45	0.50		0.25	25.00	25.00	25.0	7.08	7.08	7.1	0.39	0.39	0.4	78.20 78	78.5	7.09	7.04	7.1	3.14	3.14	3.1	14.50	14.7
	0/0/2022	rtuiriy	16:50	0.50	1	0.25	25.00	25.00	20.0	7.08	7.08		0.39	0.39	0.1	78.20 78	80	7.09	7.04		3.14	3.14		14.80	
	8/8/2022	Cloudy	8:00	0.50		0.25	26.20	26.20	26.2	7.13	7.13	7.1	0.22	0.22	0.2	74.20 73	/3.9	6.74	6.69	6.7	2.96	2.96	3.0	22.80	22.6
	0/0/2022	oloddy	8:05	0.50		0.25	26.20	26.20	LU.L	7.13	7.13		0.22	0.22	0.2	74.20 73	60	6.74	6.69	***	2.96	2.96		22.40	LL.0
	12/8/2022	Rainv	0:00	0.50	1	0.25	-	-	0.0	-	-	0.0	-		0.0	-	- 0.0	-		0.0	-	-	0.0		0.0
			0:00	0.50	l	0.25	-	-		-			-			-	-	-			-	-			
	15/8/2022	Sunny	13:45	0.50		0.25	28.60	28.60	28.6	7.30	7.30	7.3	0.69	0.69	0.7	78.30 77		6.98	6.88	6.9	6.55	6.55	6.6	3.90	3.7
W1		,	13:50	0.50		0.25	28.60	28.60		7.30	7.30		0.69	0.69		78.30 77	80	6.98	6.88		6.55	6.55		3.40	
Wang Tong River	17/8/2022	Sunny	15:00	0.50	Middle	0.25	27.50	27.50	27.5	7.31	7.31	7.3	0.30	0.30	0.3	70.70 70	70.5	6.56	6.54	6.6	5.18	5.18	5.2	4.70	4.7
(Major tributary)		,	15:05	0.50		0.25	27.50	27.50		7.31	7.31		0.30	0.30		70.70 70	20	6.56	6.54		5.18	5.18		4.70	
	19/8/2022	Sunny	12:00	0.50	l	0.25	28.30	28.30	28.3	7.36	7.36	7.4	0.17	0.17	0.2	75.90 75		6.51	6.65	6.6	5.08	5.08	5.1	3.40	3.3
		,	12:05	0.50		0.25	28.30	28.30		7.36	7.36		0.17	0.17		75.90 75	_	6.51	6.65		5.08	5.08		3.20	
	22/8/2022	Sunny	8:30	0.50		0.25	27.10	27.10	27.1	7.41	7.41	7.4	0.13	0.13	0.1	76.40 75		6.51	6.58	6.5	4.38	4.38	4.4	2.00	2.0
		,	8:35	0.50		0.25	27.10	27.10		7.41	7.41		0.13	0.13		76.40 75		6.51	6.58		4.38	4.38		2.00	
	24/8/2022	Sunny(T1)	9:45	0.50		0.25	27.00	27.00	27.0	7.40	7.40	7.4	0.29	0.29	0.3	80.10 79	79.8	7.60	7.53	7.6	7.48	7.48	7.5	5.40	5.3
		/( /	9:50	0.50		0.25	27.00	27.00		7.40	7.40		0.29	0.29		80.10 79		7.60	7.53		7.48	7.48		5.10	
	26/8/2022	Sunny	11:10	0.50		0.25	26.30	26.30	26.3	7.30	7.30	7.3	0.37	0.37	0.4	77.50 76		7.87	7.68	7.8	4.50	4.50	4.5	5.40	5.3
			11:15	0.50		0.25	26.30	26.30		7.30	7.30		0.37	0.37		77.50 76		7.87	7.68		4.50	4.50		5.10	
	29/8/2022	Sunny	12:45	0.50	ł	0.25	27.80	27.80	27.8	7.53	7.53	7.5	3.56	3.56	3.6	75.90 75		6.60	6.54	6.6	5.28	5.28	5.3	2.00	2.0
		,	12:50	0.50	-	0.25	27.80	27.80		7.53	7.53		3.56	3.56		75.90 75		6.60	6.54		5.28	5.28		2.00	
	31/8/2022	Sunny	14:00	0.50	l	0.25	27.50	27.50	27.5	7.86	7.86	7.9	0.17	0.17	0.2	77.20 76	/6.9	6.62	6.57	6.6	5.30	5.30	5.3	2.80	2.9
		1	14:05	0.50		0.25	27.50	27.50		7.86	7.86		0.17	0.17	l	77.20 76	50	6.62	6.57	l	5.30	5.30		3.00	

Remarks: WQM on 10 Aug was cancelled due to weather condition.

WQM for Mid-Edd on 12 Aug was cancelled due to weather condition.

Water Quality Monitoring at Station W1 (Middle) - Flood Tide

	Sampling		Sampling	Water	Sampling	Sampling	Te	emperatur	е		рН			Salinity		DO	Saturatio	n		DO			Turbidity		S	SS
Station Reference	Date	Weather	Time	Depth	Depth	Depth		°C			-			ppt			%			mg/L			NTU		m	ıg/L
	Date			m	Борил	m	Val	ue	Average	Valu	ie	Average	Valu	ıe	Average	Valu	ie	Average	Val	ue	Average	Valu	ıe	Average	Value	Average
	1/8/2022	Sunny	7:00	0.50		0.25	27.80	27.80	27.8	7.57	7.51	7.5	3.54	3.54	3.5	78.10	77.40	77.8	6.53	6.49	6.5	4.50	4.98	47	2.10	2.
	170/2022	Guilly	7:05	0.50		0.25	27.80	27.80	27.0	7.57	7.51	7.5	3.54	3.54	3.5	78.10	77.40	77.0	6.53	6.49	0.5	4.50	4.98	4.7	2.10	
	3/8/2022	Cloudy	8:15	0.50		0.25	26.60	26.60	26.6	7.19	7.19	7.2	0.29	0.29	0.3	79.50	78.80	79.2	7.19	7.11	7.2	2.76	2.86	2.8	2.00	2.0
	3/0/2022	Oloddy	8:20	0.50		0.25	26.60	26.60	20.0	7.19	7.19	7.2	0.29	0.29	0.5	79.50	78.80	13.2	7.19	7.11	7.2	2.76	2.86	2.0	2.00	2.0
	5/8/2022	Cloudy	11:00	0.50		0.25	25.80	25.80	25.8	7.38	7.38	7.4	0.28	0.28	0.3	76.10	75.70	75.9	6.73	6.68	6.7	2.44	2.44	2.4	8.50	8.7
	O/O/ZOZZ	0.000	11:05	0.50		0.25	25.80	25.80	20.0	7.38	7.38		0.28	0.28	0.0	76.10	75.70	70.0	6.73	6.68	0.1	2.44	2.44		8.90	0
	8/8/2022	Cloudy	16:00	0.50		0.25	26.30	26.30	26.3	7.23	7.23	7.2	0.30	0.30	0.3	76.70	75.90	76.3	6.62	6.57	6.6	8.43	8.43	8.4	3.50	3.4
	GGEGEE	0.000	16:05	0.50		0.25	26.30	26.30	20.0	7.23	7.23		0.30	0.30	0.0	76.70	75.90	7 0.0	6.62	6.57	0.0	8.43	8.43	0.1	3.20	
	12/8/2022	Rainv	19:00	0.50		0.25	24.60	24.60	24.6	6.98	6.98	7.0	0.19	0.19	0.2	77.60	76.80	77.2	6.48	6.42	6.5	11.59	11.59	11.6	6.30	6.1
		,	19:05	0.50		0.25	24.60	24.60		6.98	6.98		0.19	0.19		77.60	76.80		6.48	6.42		11.59	11.59		5.90	
	15/8/2022	Sunny	7:30	0.50		0.25	26.00	26.00	26.0	7.06	7.06	7.1	1.53	1.53	1.5	84.30	83.30	83.8	7.61	7.54	7.6	7.00	6.99	7.0	3.50	3.4
W1		,	7:35	0.50		0.25	26.00	26.00		7.06	7.06		1.53	1.53		84.30	83.30		7.61	7.54		7.00	6.99		3.30	
Wang Tong River	17/8/2022	Sunny	9:00	0.50	Middle	0.25	27.30	27.30	27.3	7.40	7.40	7.4	0.14	0.14	0.1	75.40	74.60	75.0	6.72	6.66	6.7	4.97	4.97	5.0	2.30	2.5
(Major tributary)		,	9:05	0.50		0.25	27.30	27.30		7.40	7.40		0.14	0.14		75.40	74.60		6.72	6.66		4.97	4.97		2.60	<u> </u>
	19/8/2022	Sunny	18:45	0.50		0.25	26.10	26.10	26.1	7.25	7.25	7.3	0.26	0.26	3.3	75.50	74.70	75.1	7.08	6.93	7.0	4.40	4.40	4.4	2.00	2.0
			18:50	0.50		0.25	26.10	26.10		7.25	7.25		0.26	12.51		75.50	74.70		7.08	6.93		4.40	4.40		2.00	<u> </u>
	22/8/2022	Sunny	20:30	0.50	Į.	0.25	27.10	27.10	27.1	7.41	7.41	7.4	0.13	0.13	0.1	76.40	75.90	76.2	6.51	6.28	6.4	4.38	4.38	4.4	2.00	2.0
			20:35	0.50	Į.	0.25	27.10	27.10		7.41	7.41		0.13	0.13		76.40	75.90		6.51	6.28		4.38	4.38		2.00	<u> </u>
	24/8/2022	T3	0:00	0.50		0.25	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
			0:00	0.50		0.25	-																			<del>                                     </del>
	26/8/2022	Sunny	18:15	0.50		0.25	25.40	25.40	25.4	7.24	7.24	7.2	0.19	0.19	0.2	71.90	71.50 71.50	71.7	6.51	6.51 6.51	6.5	4.02 4.02	4.02	4.0	5.90	6.2
			18:20 8:00	0.50		0.25 0.25	25.40 26.20	25.40 26.20		7.24 7.21	7.24		0.19	0.19		71.90 77.20	76.40		6.51 6.76	6.73		4.02	4.02		6.40 2.00	$\vdash$
	29/8/2022	Sunny	8:00	0.50		0.25	26.20	26.20	26.2	7.21	7.10	7.2	0.12	0.12	0.1	77.20	76.40	76.8	6.76	6.73	6.7	4.00	4.00	4.0	2.00	2.0
											_															$\vdash$
	31/8/2022	Sunny	8:00	0.50		0.25	26.20	26.20	26.2	7.21	7.21	7.2	0.12	0.12	0.1	77.20	76.40	76.8	6.56	6.53	6.5	4.00 4.00	4.00	4.0	2.00	2.
	WOM 40 A		8:05	0.50		0.25	26.20	26.20		7.21	7.21		0.12	0.12		77.20	76.40		6.56	6.53		4.00	4.00		2.00	

Remarks: WQM on 10 Aug was cancelled due to weather condition.

Water Quality Monitoring at Station W2 (Middle) - Ebb Tide

	Sampling		Sampling	Water	Sampling	Sampling	Te	emperatur	re		рН			Salinity		DO	Saturation	on		DO			Turbidity		s	SS
Station Reference	Date	Weather	Time	Depth	Level	Depth		°C			-			ppt			%			mg/L			NTU		mg	g/L
	Bato		10	m	20101	m	Val	ue	Average	Valu	e	Average	Val	ue	Average	Valu	е	Average	Valu	е	Average	Valu	ıe	Average	Value	Average
	1/8/2022	Sunny	14:15	0.50		0.25	31.30	31.30	31.3	7.73	7.73	7.7	5.61	5.61	5.6	75.40	74.70	75.1	6.70	6.62	6.7	7.08	7.08	7.1	4.60	3.3
	170/2022	Guilly	14:20	0.50		0.25	31.30	31.30	31.3	7.73	7.73		5.61	5.61	3.0	75.40	74.70	5	6.70	6.62	0.1	7.08	7.08	7	2.00	J.5
	3/8/2022	Cloudy	15:00	0.50		0.25	28.50	28.50	28.5	7.50	7.50	7.5	0.44	0.44	0.4	77.90	77.30	77.6	6.81	6.77	6.8	3.45	3.58	3.5	2.50	2.5
	3/0/2022	Oloddy	15:05	0.50		0.25	28.50	28.50	20.5	7.50	7.50	7.5	0.44	0.44	0.4	77.90	77.30	77.0	6.81	6.77	0.0	3.45	3.58	5.5	2.40	2.0
	5/8/2022	Rainv	17:00	0.50		0.25	25.00	25.00	25.0	7.23	7.23	7.2	0.45	0.45	0.5	81.60	81.00	81.3	7.22	7.14	7.2	4.63	4.63	4.6	20.40	20.7
	3/0/2022	Railly	17:05	0.50		0.25	25.00	25.00	25.0	7.23	7.23	7.2	0.45	0.45	0.5	81.60	81.00	01.5	7.22	7.14	7.2	4.63	4.63	4.0	20.90	20.7
	8/8/2022	Cloudy	8:15	0.50	]	0.25	25.80	25.80	25.8	7.29	7.29	7.3	5.59	5.59	5.6	79.90	79.20	79.6	7.13	7.05	7.1	4.55	4.55	4.6	3.40	3.6
	0/0/2022	Oloddy	8:20	0.50		0.25	25.80	25.80	25.0	7.29	7.29	7.5	5.59	5.59	3.0	79.90	79.20	75.0	7.13	7.05	7.1	4.55	4.55	4.0	3.70	0.0
	12/8/2022	Rainv	0:00	0.50		0.25	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0		0.0
	12/0/2022	Railly	0:00	0.50		0.25	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0		0.0
	15/8/2022	Sunny	14:00	0.50		0.25	28.50	285	28.5	7.36	7.36	7.4	3.56	3.56	3.6	71.10	69.90	70.5	6.98	6.09	6.5	7.25	7.25	7.3	6.40	6.5
W2	10/0/2022	Cumy	14:05	0.50		0.25	28.50	285	20.0	7.36	7.36		3.56	3.56	0.0	71.10	69.90	7 0.0	6.98	6.09	0.0	7.25	7.25	7.0	6.60	0.0
Wang Tong River	17/8/2022	Sunny	15:15	0.50	Middle	0.25	27.70	27.70	27.7	7.42	7.42	7.4	0.37	0.37	0.4	74.30	73.90	74.1	6.69	6.61	6.7	6.48	6.48	6.5	5.20	5.1
(Major tributary)	1170/2022	Cumy	15:20	0.50	middio	0.25	27.70	27.70	2	7.42	7.42		0.37	0.37	0.1	74.30	73.90		6.69	6.61	0.1	6.48	6.48	0.0	5.00	U
` ,	19/8/2022	Sunny	12:15	0.50		0.25	28.40	28.40	28.4	7.37	7.37	7.4	0.32	0.32	0.3	74.30	73.90	74.1	6.57	6.50	6.5	4.82	4.82	4.8	3.30	3.4
		,	12:20	0.50		0.25	28.40	28.40		7.37	7.37		0.32	0.32		74.30	73.90		6.57	6.50	***	4.82	4.82		3.50	
	22/8/2022	Sunny	8:45	0.50		0.25	26.30	26.30	26.3	7.30	7.30	7.3	0.26	0.26	0.3	78.20	77.60	77.9	6.87	6.83	6.9	4.39	4.39	4.4	4.00	4.3
		,	8:50	0.50		0.25	26.30	26.30		7.30	7.30		0.26	0.26		78.20	77.60		6.87	6.83		4.39	4.39		4.50	
	24/8/2022	Sunny(T1)	10:00	0.50	1	0.25	27.80	27.80	27.8	7.33	7.33	7.3	0.87	0.87	0.9	76.50	75.30	75.9	6.57	6.53	6.6	11.40	11.40	11.4	12.00	12.3
		,( ,	10:05	0.50		0.25	27.80	27.80		7.33	7.33		0.87	0.87		76.50	75.30		6.57	6.53		11.40	11.40		12.50	
	26/8/2022	Sunny	11:15	0.50		0.25	27.14	27.14	27.1	7.29	7.29	7.3	1.29	1.29	1.3	74.80	74.00	74.4	6.48	6.42	6.5	5.58	5.58	5.6	12.00	12.3
			11:20	0.50		0.25	27.14	27.14		7.29	7.29		1.29	1.29		74.80	74.00		6.48	6.42		5.58	5.58		12.50	
	29/8/2022	Sunny	13:00	0.50		0.25	28.10	28.10	28.1	7.76	7.76	7.8	3.70	3.70	3.7	7.27	7.19	7.2	6.55	6.57	6.6	4.62	4.62	4.6	2.70	2.9
		,	13:05	0.50		0.25	28.10	28.10		7.76	7.76		3.70	3.70		7.27	7.19		6.55	6.57		4.62	4.62		3.10	
	31/8/2022	Sunny	14:15	0.50		0.25	28.10	28.10	28.1	7.65	7.65	7.7	1.12	1.12	1.1	74.20	73.70	74.0	6.50	6.55	6.5	4.50	4.50	4.5	2.40	2.4
			14:20	0.50		0.25	28.10	28.10	200.0	7.65	7.65		1.12	1.12		74.20	73.70		6.50	6.55		4.50	4.50		2.40	

Remarks: WQM on 10 Aug was cancelled due to weather condition.

WQM for Mid-Edd on 12 Aug was cancelled due to weather condition.

### Water Quality Monitoring at Station W2 (Middle) - Flood Tide

				Water		Sampling	Te	emperature	e		На			Salinity		DO	Saturation	on		DO			Turbidity		S	SS
Station Reference	Sampling Date	Weather	Sampling Time	Depth	Sampling Depth	Depth		°C			-			ppt			%			mg/L			NTU		mo	g/L
	Date		Tillle	m	Бериі	m	Val	ue	Average	Valu	ıe	Average	Val	ue	Average	Valu	е	Average	Valu	ie	Average	Valu	ue	Average	Value	Average
	1/8/2022	Sunny	7:15	0.50		0.25	27.30	27.30	27.3	7.47	7.47	7.5	0.89	0.89	0.9	74.10	73.50	73.8	6.56	6.50	6.5	3.88	3.88	3.9	2.40	2.3
	1/6/2022	Suriny	7:20	0.50		0.25	27.30	27.30	21.3	7.47	7.47	7.5	0.89	0.89	0.9	74.10	73.50	73.0	6.56	6.50	0.5	3.88	3.88	3.9	2.20	2.3
	3/8/2022	Cloudy	8:30	0.50		0.25	26.90	26.90	26.9	7.19	7.17	7.2	0.32	0.30	0.3	78.80	78.30	78.6	6.83	6.77	6.8	2.90	3.00	3.0	2.10	2.2
	3/6/2022	Cloudy	8:35	0.50		0.25	26.90	26.90	20.5	7.19	7.17	1.2	0.32	0.30	0.3	78.80	78.30	70.0	6.83	6.77	0.0	2.90	3.00	3.0	2.20	2.2
	5/8/2022	Cloudy	11:15	0.50		0.25	26.20	26.20	26.2	7.31	7.31	7.3	0.86	0.86	0.9	80.40	80.00	80.2	7.08	7.00	7.0	2.57	2.57	2.6	12.80	12.7
	3/0/2022	Cloudy	11:20	0.50		0.25	26.20	26.20	20.2	7.31	7.31	7.5	0.86	0.86	0.5	80.40	80.00	00.2	7.08	7.00	7.0	2.57	2.57	2.0	12.50	12.7
	8/8/2022	Cloudy	16:15	0.50		0.25	26.90	26.90	26.9	7.32	7.32	7.3	1.47	1.47	1.5	79.40	78.80	79.1	6.92	6.88	6.9	8.68	8.69	8.7	7.50	7.5
	0/0/2022	Cloudy	16:20	0.50		0.25	26.90	26.90	20.3	7.32	7.32	7.5	1.47	1.47	1.5	79.40	78.80	73.1	6.92	6.88	0.5	8.68	8.69	0.7	7.40	7.5
	12/8/2022	Rainv	19:15	0.50		0.25	24.80	24.80	24.8	7.01	7.01	7.0	0.19	0.19	0.2	71.80	71.60	71.7	6.41	6.37	6.4	10.85	10.85	10.9	6.40	
	12/0/2022	Reality	19:20	0.50		0.25	24.80	24.80	24.0	7.01	7.01	7.0	0.19	0.19	0.2	71.80	71.60	7 1.7	6.41	6.37		10.85	10.85		6.20	0.0
	15/8/2022	Sunny	7:45	0.50		0.25	27.30	27.30	27.3	7.56	7.56	7.6	8.37	8.37	8.4	76.90	76.40	76.7	5.97	5.94	6.0	6.89	6.89	6.9	8.60	8.4
W2			7:50	0.50		0.25	27.30	27.30		7.56	7.56		8.37	8.37		76.90	76.40		5.97	5.94		6.89	6.89		8.20	
Wang Tong River	17/8/2022	Sunny	9:15	0.50	Middle	0.25	28.00	28.00	28.0	7.54	7.54	7.5	3.25	3.25	3.3	72.00	71.60	71.8	6.55	6.54	6.5	5.93	5.93	5.9	4.60	4.8
(Major tributary)		,	9:20	0.50		0.25	28.00	28.00		7.54	7.54		3.25	3.25		72.00	71.60		6.55	6.54		5.93	5.93		5.00	لـــــــا
	19/8/2022	Sunny	19:00	0.50		0.25	25.20	25.20	25.2	7.31	7.31	7.3	0.15	0.46	0.3	77.10	76.50	76.8	6.92	6.80	6.9	4.84	4.84	4.8	4.60	4.5
		,	19:05	0.50		0.25	25.20	25.20		7.31	7.31		0.15	0.46		77.10	76.50		6.92	6.80		4.84	4.84		4.30	لــــــــا
	22/8/2022	Sunny	20:45	0.50		0.25	26.30	26.30	26.3	7.30	7.30	7.3	0.26	0.26	0.3	78.20	77.60	77.9	6.87	6.83	6.9	4.39	4.39	4.4	5.30	5.5
		,	20:50	0.50		0.25	26.30	26.30		7.30	7.30		0.26	0.26		78.20	77.60		6.87	6.83		4.39	4.39		5.60	igsquare
	24/8/2022	T3	0:00	0.50		0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	<b>⊢</b>	
			0:00	0.50		0.25	-	-		-			-	-		-	-			-			-		-	$\vdash$
	26/8/2022	Sunny	18:30	0.50		0.25	25.70	25.70	25.7	7.21	7.21	7.2	0.66	0.66	0.7	74.30	73.60	74.0	6.65	6.55	6.6	4.84	4.84	4.8	2.80	2.7
			18:35 8:15	0.50 0.50		0.25 0.25	25.70 26.60	25.70 26.60		7.21 7.26	7.21		0.66	0.66		74.30 74.00	73.60		6.65 6.51	6.55 6.57		4.84 3.64	4.84		2.60 3.40	
	29/8/2022	Sunny	8:15	0.50				26.60	26.6	7.26	7.26 7.26	7.3	0.37	0.37	0.4	74.00	73.60 73.60	73.8		6.57	6.5	3.64	3.64	3.6	3.40	36
				0.50		0.25	26.60	26.60		7.26									6.51	6.57				ļ		-
	31/8/2022	Sunny	8:15 8:20	0.50		0.25	26.60 26.60	26.60	26.6	7.26	7.26 7.26	7.3	0.37	0.37	0.4	74.00 74.00	73.60 73.60	73.8	6.51 6.51	6.57	6.5	3.64	3.64	3.6	2.00	2.0
	WOM on 10 Aug				l	0.25	20.60	20.60		7.26	7.26		0.37	0.37		14.00	13.60		0.51	0.57		3.64	3.64		2.00	1

Remarks: WQM on 10 Aug was cancelled due to weather condition.

Water Quality Monitoring at Station W4 (Middle) - Ebb Tide

	Sampling		Sampling	Water	Sampling	Sampling	Te	emperatur	re		pН			Salinity		DO	Saturatio	on		DO			Turbidity		S	SS
Station Reference	Date	Weather	Time	Depth	Level	Depth		°C			-			ppt			%			mg/L			NTU		mg	g/L
	Date		10	m	2010.	m	Valu	ue	Average	Valu	e	Average	Val	ue	Average	Value	9	Average	Valu	е	Average	Valu	ıe	Average	Value	Average
	1/8/2022	Sunny	14:30	0.50		0.25	31.00	31.00	31.0	7.68	7.68	7.7	4.64	4.64	4.6	74.00	73.50	73.8	6.69	6.51	6.6	6.07	6.07	6.1	4.50	4.7
	170/2022	Outlify	14:35	0.50		0.25	31.00	31.00	31.0	7.68	7.68		4.64	4.64	4.0	74.00	73.50	75.0	6.69	6.51	0.0	6.07	6.07	0.1	4.90	
	3/8/2022	Cloudy	15:15	0.50		0.25	28.70	28.70	28.7	7.80	7.80	7.8	1.81	1.81	1.8	80.30	79.20	79.8	6.87	6.80	6.8	3.59	3.72	3.7	2.60	2.8
	3/0/2022	Cloudy	15:20	0.50		0.25	28.70	28.70	20.7	7.80	7.80	7.0	1.81	1.81	1.0	80.30	79.20	73.0	6.87	6.80	0.0	3.59	3.72	3.7	3.00	2.0
	5/8/2022	Rainv	17:15	0.50		0.25	25.20	25.10	25.2	7.30	7.30	7.3	2.75	2.75	2.8	72.00	71.40	71.7	6.22	6.17	6.2	3.61	3.61	3.6	11.70	11.8
	3/0/2022	Rainy	17:20	0.50		0.25	25.20	25.10	25.2	7.30	7.30	7.5	2.75	2.75	2.0	72.00	71.40	71.7	6.22	6.17	0.2	3.61	3.61	5.0	11.80	11.0
	8/8/2022	Cloudy	8:30	0.50		0.25	26.00	26.00	26.0	7.43	7.43	7.4	7.59	7.59	7.6	73.40	72.80	73.1	6.47	6.61	6.5	3.95	3.95	4.0	2.60	2.8
	0/0/2022	Cloudy	8:35	0.50		0.25	26.00	26.00	20.0	7.43	7.43	7.4	7.59	7.59	7.0	73.40	72.80	75.1	6.47	6.61	0.0	3.95	3.95	4.0	3.00	2.0
	12/8/2022	Rainv	0:00	0.50		0.25	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0		0.0
	12/0/2022	Rainy	0:00	0.50		0.25	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0		0.0
	15/8/2022	Sunny	14:15	0.50		0.25	28.80	28.80	28.8	7.41	7.41	7.4	4.67	4.67	4.7	72.70	71.50	72.1	6.55	6.50	6.5	8.68	8.68	8.7	8.10	8.0
W4	TOTOLEGEE	Curry	14:20	0.50		0.25	28.80	28.80	20.0	7.41	7.41		4.67	4.67		72.70	71.50		6.55	6.50	0.0	8.68	8.68	0.1	7.80	0.0
Wang Tong River	17/8/2022	Sunny	15:30	0.50		0.25	28.10	28.10	28.1	7.62	7.62	7.6	1.39	0.39	0.9	68.10	67.90	68.0	5.81	5.78	5.8	8.98	8.98	9.0	9.40	9.5
(Minor tributary to Tai Wai Yuen)	IIIGIZOZZ	Curry	15:35	0.50		0.25	28.10	28.10	20.1	7.62	7.62	7.0	1.39	0.39	0.0	68.10	67.90	00.0	5.81	5.78	0.0	8.98	8.98	0.0	9.50	0.0
vvai rueii)	19/8/2022	Sunny	12:30	0.50		0.25	28.60	28.60	28.6	7.48	7.48	7.5	0.56	0.56	0.6	73.60	73.10	73.4	6.55	6.51	6.5	5.95	5.96	6.0	4.60	4.4
		,	12:35	0.50		0.25	28.60	28.60		7.48	7.48		0.56	0.56		73.60	73.10		6.55	6.51		5.95	5.96		4.20	
	22/8/2022	Sunny	9:00	0.50		0.25	26.50	26.50	26.5	7.43	7.43	7.4	2.52	2.52	2.5	69.90	68.90	69.4	6.78	6.73	6.8	5.81	5.81	5.8	6.80	7.0
			9:05	0.50		0.25	26.50	26.50		7.43	7.43		2.52	2.52		69.90	68.90		6.78	6.73	***	5.81	5.81		7.10	
	24/8/2022	Sunny(T1)	10:15	0.50		0.25	27.80	27.80	27.8	7.42	7.42	7.4	2.84	2.84	2.8	71.20	70.80	71.0	6.54	6.51	6.5	9.77	9.78	9.8	9.00	9.3
		,( ,	10:20	0.50	-	0.25	27.80	27.80		7.42	7.42		2.84	2.84		71.20	70.80		6.54	6.51		9.77	9.78		9.50	
	26/8/2022	Sunny	11:30	0.50		0.25	27.10	27.10	27.1	7.37	7.37	7.4	1.63	1.63	1.6	77.20	76.50	76.9	6.44	6.39	6.4	5.48	5.48	5.5	9.00	9.3
		,	11:35	0.50		0.25	27.10	27.10		7.37	7.37		1.63	1.63		77.20	76.50		6.44	6.39		5.48	5.48		9.50	
	29/8/2022	Sunny	13:15	0.50		0.25	28.30	28.30	28.3	7.78	7.78	7.8	3.50	3.50	3.5	72.70	72.10	72.4	6.54	6.52	6.5	4.38	4.38	4.4	2.20	2.3
		,	13:20	0.50		0.25	28.30	28.30		7.78	7.78		3.50	3.50		72.70	72.10		6.54	6.52		4.38	4.38		2.40	
	31/8/2022	Sunny	14:30	0.50		0.25	28.10	28.10	28.1	7.75	7.76	7.8	1.86	1.86	1.9	75.00	74.40	74.7	6.52	6.54	6.5	5.08	5.08	5.1	2.20	2.2
			14:35	0.50		0.25	28.10	28.10	200.0	7.75	7.76		1.86	1.86		75.00	74.40		6.52	6.54		5.08	5.08		2.10	-

Remarks: WQM on 10 Aug was cancelled due to weather condition.

WQM for Mid-Edd on 12 Aug was cancelled due to weather condition.

### Water Quality Monitoring at Station W4 (Middle) - Flood Tide

	Camalian		Camalian	Water	Camaliaa	Sampling	Te	emperatur	е		pН			Salinity		DO	Saturatio	n		DO			Turbidity		S	SS
Station Reference	Sampling Date	Weather	Sampling Time	Depth	Sampling Depth	Depth		°C			-			ppt			%			mg/L			NTU		mg	g/L
	Buto		111110	m	Борил	m	Val	ue	Average	Vali	ue	Average	Va	lue	Average	Value	Э	Average	Valu	ıe	Average	Val	ue	Average	Value	Average
i	1/8/2022	Sunny	7:30	0.50		0.25	27.30	27.30	27.3	7.44	7.44	7.4	2.68	2.68	2.7	74.70	74.00	74.4	6.66	6.56	6.6	4.38	4.38	44	3.40	3.6
i l	170/2022	Odility	7:35	0.50		0.25	27.30	27.30	27.0	7.44	7.44	7	2.68	2.68	2.7	74.70	74.00	14.4	6.66	6.56	0.0	4.38	4.38	4.4	3.80	5.0
i l	3/8/2022	Cloudy	8:45	0.50		0.25	26.80	26.80	26.8	7.29	7.29	7.3	1.15	1.15	1.2	80.40	80.00	80.2	7.02	6.96	7.0	4.14	4.29	4.2	3.00	2.9
i l	0/0/2022	Oloddy	8:50	0.50		0.25	26.80	26.80	20.0	7.29	7.29	7.0	1.15	1.15		80.40	80.00	00.2	7.02	6.96	7.0	4.14	4.29		2.70	
i l	5/8/2022	Cloudy	11:30	0.50		0.25	26.40	26.40	26.4	7.36	7.60	7.5	3.67	3.67	3.7	77.00	76.70	76.9	6.90	6.86	6.9	2.31	2.31	2.3	14.20	14.0
i l	0/0/2022	Cicacy	11:35	0.50		0.25	26.40	26.40	20.1	7.36	7.60	7.0	3.67	3.67	0.1	77.00	76.70	7 0.0	6.90	6.86	0.0	2.31	2.31		13.80	
i l	8/8/2022	Cloudy	16:30	0.50		0.25	26.80	26.80	26.8	7.38	7.38	7.4	1.07	1.07	1.1	77.70	77.10	77.4	6.70	6.67	6.7	8.22	8.22	8.2	8.00	7.8
i l	0/0/2022	Cicacy	16:35	0.50		0.25	26.80	26.80	20.0	7.38	7.38	• • • • • • • • • • • • • • • • • • • •	1.07	1.07		77.70	77.10	,,,,	6.70	6.67	0.7	8.22	8.22		7.60	
i l	12/8/2022	Rainv	19:30	0.50		0.25	25.00	25.00	25.0	7.36	7.36	7.4	5.74	5.74	5.7	65.80	65.30	65.6	6.70	6.61	6.7	7.00	7.00	7.0	10.60	10.8
i l	12/0/2022	rturry	19:35	0.50		0.25	25.00	25.00	20.0	7.36	7.36	• • • • • • • • • • • • • • • • • • • •	5.74	5.74	0.1	65.80	65.30	00.0	6.70	6.61	0.7	7.00	7.00		10.90	10.0
i l	15/8/2022	Sunny	8:00	0.50		0.25	27.00	27.00	27.0	7.64	7.64	7.6	10.61	10.61	10.6	76.20	75.80	76.0	6.98	6.98	7.0	6.78	6.78	6.8	3.60	3.4
W4			8:05	0.50		0.25	27.00	27.00		7.64	7.64		10.61	10.61		76.20	75.80		6.98	6.98		6.78	6.78		3.10	
Wang Tong River	17/8/2022	Sunny	9:30	0.50	Middle	0.25	28.00	28.00	28.0	7.55	7.55	7.6	0.73	0.73	0.7	75.40	75.00	75.2	6.51	6.51	6.5	5.98	5.98	6.0	3.50	3.6
(Minor tributary to Tai Wai Yuen)			9:35	0.50		0.25	28.00	28.00		7.55	7.55		0.73	0.73		75.40	75.00		6.51	6.51		5.98	5.98		3.70	
vvai Yuen)	19/8/2022	Sunny	19:15	0.50		0.25	25.10	25.10	25.1	7.29	7.29	7.3	0.62	0.62	0.6	72.80	72.30	72.6	6.56	6.49	6.5	4.66	4.66	4.7		4.4
1 1			19:20	0.50		0.25	25.10	25.10		7.29	7.29		0.62	0.62		72.80	72.30		6.56	6.49		4.66	4.66	L	4.20	
i l	22/8/2022	Sunny	21:00	0.50		0.25	26.50	26.50	26.5	7.43	7.43	7.4	2.52	2.52	2.5	69.90	68.90	69.4	6.28	6.37	6.3	5.81	5.81	5.8	6.54	6.3
i l		,	21:05	0.50		0.25	26.50	26.50		7.43	7.43		2.52	2.52	· ·	69.90	68.90		6.28	6.37		5.81	5.81		6.10	
i l	24/8/2022	Т3	0:00	0.50		0.25	-	-		-	-		-	-	-	-	-		-	-		-	-	-	-	
i l			0:00	0.50		0.25	-	-		-	-		-	-		-	-		-	-		-	-	——	-	
i l	26/8/2022	Sunny	18:45	0.50		0.25	25.80	25.80	25.8	7.33	7.33	7.3	0.84	0.84	0.8	73.20	72.60	72.9	6.53	6.46	6.5	4.62	4.62	4.6	2.00	2.0
i l			18:50	0.50		0.25	25.80	25.80		7.33	7.33		0.84	0.84		73.20	72.60		6.53	6.46		4.62	4.62	——	2.00	$\vdash$
1	29/8/2022	Sunny	8:30	0.50		0.25	26.50	26.50	26.5	7.34	7.34	7.3	0.84	0.84	0.8	73.40	73.10	73.3	6.56	6.53	6.5	4.17	4.17	4.2	5.70	5.6
1 .			8:35	0.50		0.25	26.50	26.50		7.34	7.34		0.84	0.84		73.40	73.10		6.56	6.53		4.17	4.17	—	5.40	
1	31/8/2022	Sunny	8:30	0.50		0.25	26.50	26.50	26.5	7.34	7.34	7.3	0.84	0.84	0.8	73.40	73.10	73.3	6.56	6.53	6.5	4.17	4.17	4.2	2.00	2.0
<u> </u>	WOM on 10 Aug	·	8:35	0.50		0.25	26.50	26.50		7.34	7.34		0.84	0.84		73.40	73.10		6.56	6.53		4.17	4.17		2.00	لــــــــا

Remarks: WQM on 10 Aug was cancelled due to weather condition.

Water Quality Monitoring at Station W5 (Middle) - Ebb Tide

	Caraclina		Camaliaa	Water	Camaliaa	Sampling	Te	emperatu	re		pН			Salinity		DO	Saturation	on	[	0		Turbidity		S	SS
Station Reference	Sampling Date	Weather	Sampling Time	Depth	Sampling Level	Depth		°C			-			ppt			%		m	g/L		NTU		m	ıg/L
	Date		Tillic	m	LCVCI	m	Val	ue	Average	Valu	ie	Average	Va	lue	Average	Valu	е	Average	Value	Avera	e Va	ue	Average	Value	Average
	1/8/2022	Sunny	14:45	0.50		0.25	31.30	31.30	31.3	7.80	7.80	7.8	6.09	6.04	6.1	71.80	70.80	71.3	6.68	6.60	6.84	6.84	6.8	5.00	4.8
	170/2022	Outliny	14:50	0.50		0.25	31.30	31.30	31.3	7.80	7.80	7.0	6.09	6.04	0.1	71.80	70.80	7	6.68	6.60	6.84	6.84	0.0	4.60	4.0
	3/8/2022	Cloudy	15:30	0.50		0.25	28.40	28.40	28.4	8.06	8.06	8.1	6.89	6.89	6.9	83.40	82.50	83.0	6.75	6.71	9.16	9.73	9.4	8.50	8.5
	3/0/2022	Oloddy	15:35	0.50		0.25	28.40	28.40	20.4	8.06	8.06	0.1	6.89	6.89	0.5	83.40	82.50	00.0	6.75	6.71	9.16	9.73	3.4	8.50	0.0
	5/8/2022	Rainy	17:30	0.50		0.25	25.10	25.10	25.1	7.35	7.35	7.4	1.12	1.12	1.1	74.90	74.50	74.7	6.59	6.54	3.04	3.04	3.0	18.20	18.0
	0/0/2022	rtuiriy	17:35	0.50		0.25	25.10	25.10	20	7.35	7.35		1.12	1.12		74.90	74.50		6.59	6.54	3.04	3.04	0.0	17.80	10.0
	8/8/2022	Cloudy	8:45	0.50		0.25	25.70	25.70	25.7	7.60	7.60	7.6	10.83	10.83	10.8	79.00	78.70	78.9	6.60	6.56	4.38	4.38	4.4	4.00	3.9
	0,0,000	,	8:50	0.50		0.25	25.70	25.70		7.60	7.60		10.83	10.83		79.00	78.70		6.60	6.56	4.38	4.38		3.70	
	12/8/2022	Rainv	0:00	0.50		0.25	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	- 0.0	-	-	0.0	-	0.0
		,	0:00	0.50		0.25	-	-		-	-		-	-		-	-		-	-	-	-		-	
	15/8/2022	Sunny	14:30	0.50		0.25	28.80	28.80	28.8	7.54	7.54	7.5	7.42	7.42	7.4	70.50	69.50	70.0	6.04	5.96 6.0	6.42	6.42	6.4	4.30	4.6
W5			14:35	0.50		0.25	28.80	28.80		7.54	7.54		7.42	7.42		70.50	69.50		6.04	5.96	6.42	6.42		4.80	
Silvermine Bay (Near Silvermine Bay	17/8/2022	Sunny	15:45	0.50	Middle	0.25	27.10	27.10	27.1	7.61	7.61	7.6	1.02	1.02	1.0	73.70	73.30	73.5	6.57	6.53	7.77	7.77	7.8	7.00	6.9
(Near Silvernine Bay Beach)		-	15:50	0.50		0.25	27.10	27.10		7.61	7.61		1.02	1.02		73.70	73.30		6.57	6.53	7.77	7.77		6.70	
Bodony	19/8/2022	Sunny	12:45	0.50		0.25	28.40	28.40	28.4	7.56	7.56	7.6	0.73	0.73	0.7	75.60	75.00	75.3	6.54	6.61	5.37	5.37	5.4	3.30	
-			12:50	0.50		0.25 0.25	28.40 26.30	28.40		7.56	7.56		0.73	0.73		75.60	75.00		6.54 6.98	6.61	5.37 5.78	5.37		3.60	$\vdash$
	22/8/2022	Sunny	9:15 9:20	0.50		0.25	26.30	26.30 26.30	26.3	7.47 7.47	7.47 7.47	7.5	1.27 1.27	1.27	1.3	71.00 71.00	70.80 70.80	70.9	6.98	6.90 6.9	5.78	5.78 5.78	5.8	4.40	4.2
-			10:30	0.50		0.25	26.30	26.30		7.47	7.47		3.97	3.97		70.80	69.90		6.96	6.89	10.00	10.00		6.30	
	24/8/2022	Sunny(T1)	10:35	0.50		0.25	27.60	27.60	27.6	7.48	7.48	7.5	3.97	3.97	4.0	70.80	69.90	70.4	6.96	6.89 6.9	10.00	10.00	10.0	5.80	
			11:45	0.50		0.25	27.10	27.10		7.48	7.48		2.98	2.98		71.80	71.20		5.97	5.93	6.09	6.09		6.30	$\vdash$
	26/8/2022	Sunny	11:50	0.50		0.25	27.10	27.10	27.1	7.39	7.39	7.4	2.98	2.98	3.0	71.80	71.20	71.5	5.97	5.93 6.0	6.09	6.09	6.1	5.80	6.1
ŀ			13:30	0.50		0.25	28.10	28.10		7.97	7.97		11.50	11.50		71.40	71.00		5.90	E 0E	6.06	6.06		2.40	
	29/8/2022	Sunny	13:35	0.50		0.25	28.10	28.10	28.1	7.97	7.97	8.0	11.50	11.50	11.5	71.40	71.00	71.2	5.90	5.95	6.06	6.06	6.1	2.60	2.5
ŀ			14:45	0.50		0.25	28.10	28.10		7.99	7.99		6.55	6.55		73.60	73.30		5.96	5.01	5.80	5.80		2.50	
	31/8/2022	Sunny	14:50	0.50		0.25	28.10	28.10	28.1	7.99	7.99	8.0	6.55	6.55	6.6	73.60	73.30	73.5	5.96	5.91	5.80	5.80	5.8	2.40	2.5

Remarks: WQM on 10 Aug was cancelled due to weather condition.

WQM for Mid-Edd on 12 Aug was cancelled due to weather condition.

### Water Quality Monitoring at Station W5 (Middle) - Flood Tide

				Water		Sampling	Te	emperatur	е		pН			Salinity		DO	Saturatio	on		DO			Turbidity		S	SS
Station Reference	Sampling Date	Weather	Sampling Time	Depth	Sampling Depth	Depth		°C			-			ppt			%			mg/L			NTU		m	ıg/L
	Date		Tillie	m	Depili	m	Val	ue	Average	Valu	ie	Average	Val	ue	Average	Value	)	Average	Valu	ıe	Average	Valu	ue	Average	Value	Average
	1/8/2022	Sunny	7:45	0.50		0.25	27.30	27.30	27.3	8.00	8.00	8.0	25.45	25.45	25.5	77.00	76.10	76.6	5.90	5.97	5.9	6.03	6.03	6.0	6.70	6.6
	1/0/2022	Suility	7:50	0.50		0.25	27.30	27.30	21.3	8.00	8.00	0.0	25.45	25.45	25.5	77.00	76.10	70.0	5.90	5.97	5.5	6.03	6.03	0.0	6.50	0.0
	3/8/2022	Cloudy	9:00	0.50		0.25	26.40	26.40	26.4	7.45	7.45	7.5	1.15	1.15	1.2	82.20	81.20	81.7	7.15	7.08	7.1	3.73	3.86	3.8	2.70	2.8
	3/8/2022	Cloudy	9:05	0.50		0.25	26.40	26.40	20.4	7.45	7.45	7.5	1.15	1.15	1.2	82.20	81.20	61.7	7.15	7.08	7.1	3.73	3.86	3.0	2.80	2.0
	5/8/2022	Cloudy	11:45	0.50		0.25	25.90	25.90	25.9	7.52	7.52	7.5	1.39	1.39	1.4	81.40	80.60	81.0	7.24	7.14	7.2	2.65	2.65	2.7	14.40	14.2
	3/0/2022	Oloddy	11:50	0.50		0.25	25.90	25.90	20.5	7.52	7.52	7.5	1.39	1.39	1.7	81.40	80.60	01.0	7.24	7.14	1.2	2.65	2.65	2.1	13.90	17.2
	8/8/2022	Cloudy	16:45	0.50		0.25	26.90	26.80	26.9	7.45	7.45	7.5	2.22	2.02	2.1	74.40	73.90	74.2	6.49	6.42	6.5	8.44	8.44	8.4	6.90	6.8
	0/0/2022	Oloddy	16:50	0.50		0.25	26.90	26.80	20.3	7.45	7.45	7.5	2.22	2.02	2.1	74.40	73.90	74.2	6.49	6.42	0.5	8.44	8.44	0.4	6.60	0.0
	12/8/2022	Rainv	19:45	0.50		0.25	24.70	24.70	24.7	7.38	7.38	7.4	1.36	1.36	1.4	78.20	77.70	78.0	6.80	6.77	6.8	2.17	2.17	2.2	12.90	12.7
	12/0/2022	reality	19:50	0.50		0.25	24.70	24.70	24.1	7.38	7.38	77	1.36	1.36	1.7	78.20	77.70	70.0	6.80	6.77	0.0	2.17	2.17	2.2	12.50	12.7
	15/8/2022	Sunny	8:15	0.50		0.25	27.50	27.50	27.5	7.89	7.89	7.9	19.36	19.36	19.4	75.10	74.70	74.9	5.98	5.98	6.0	5.49	5.49	5.5	4.30	4.2
W5		,	8:20	0.50		0.25	27.50	27.50		7.89	7.89		19.36	19.36		75.10	74.70		5.98	5.98		5.49	5.49		4.00	
Silvermine Bay	17/8/2022	Sunny	9:45	0.50	Middle	0.25	28.50	28.50	28.5	8.12	8.12	8.1	9.58	9.58	9.6	75.20	74.60	74.9	6.80	6.80	6.8	6.09	6.09	6.1	5.10	4.9
(Near Silvermine Bay Beach)		,	9:50	0.50		0.25	28.50	28.50		8.12	8.12		9.58	9.58		75.20	74.60		6.80	6.80		6.09	6.09		4.70	للسل
beach)	19/8/2022	Sunny	19:30	0.50		0.25	25.20	25.20	25.2	7.39	7.39	7.4	0.68	0.68	0.7	72.10	71.60	71.9	6.31	6.24	6.3	5.20	5.20	5.2	3.80	3.7
		,	19:35	0.50		0.25	25.20	25.20		7.39	7.39		0.68	0.68		72.10	71.60		6.31	6.24		5.20	5.20		3.50	
	22/8/2022	Sunny	21:15	0.50		0.25	26.30	26.30	26.3	7.47	7.47	7.5	1.27	1.27	1.3	71.00	70.80	70.9	6.58	6.58	6.6	5.78	5.78	5.8	3.00	
			21:20	0.50		0.25	26.30	26.30		7.47	7.47		1.27	1.27		71.00	70.80		6.58	6.58		5.78	5.78		2.60	
	24/8/2022	T3	0:00	0.50		0.25	-	-	_	-	-	_	-	-	-	-	-	_	-	-	-	-	-	_	-	
			0:00	0.50		0.25	-	-			-			-		-				-					-	<b></b>
	26/8/2022	Sunny	19:00	0.50		0.25	25.80	25.80	25.8	7.36	7.36	7.4	1.06	1.06	1.1	74.00	73.40	73.7	6.53	6.53	6.5	4.72	4.72	4.7	2.50	2.5
			19:05	0.50	-	0.25	25.80	25.80		7.36	7.36		1.06	1.06		74.00	73.40		6.53	6.53		4.72	4.72		2.40	
	29/8/2022	Sunny	8:45	0.50		0.25	26.60	26.60	26.6	7.39	7.39	7.4	0.70	0.70	0.7	69.10	68.70	68.9	5.95	5.92 5.92	5.9	4.14 4.14	4.14	4.1	4.80	
			8:50	0.50	-	0.25	26.60	26.60		7.39	7.39		0.70	0.70		69.10	68.70		5.95				4.14		4.60	
	31/8/2022	Sunny	8:45	0.50	-	0.25	26.60	26.60	26.6	7.39	7.39	7.4	0.70	0.70	0.7	69.10	68.70	68.9	6.55	6.52	6.5	4.14	4.14	4.1	2.00	2.0
			8:50	0.50		0.25	26.60	26.60		7.39	7.39		0.70	0.70		69.10	68.70		6.55	6.52		4.14	4.14		2.00	1

Remarks: WQM on 10 Aug was cancelled due to weather condition.

Water Quality Monitoring at Station W6 (Middle) - Ebb Tide

	0		0	Water	0	Sampling	Te	emperature	е		pН			Salinity		DO	O Saturatio	n		DO			Turbidity		S	SS
Station Reference	Sampling Date	Weather	Sampling Time	Depth	Sampling Level	Depth		°C			-			ppt			%			mg/L			NTU		mg	g/L
	Date		111110	m	LCVCI	m	Valu	ıe	Average	Valu	e	Average	Va	lue	Average	Val	lue	Average	Value	e A	Average	Valu	ie	Average	Value	Average
	1/8/2022	Sunny	15:00	1.80		0.90	31.30	31.30	31.3	8.58	8.58	8.6	24.79	24.80	24.8	87.70	87.20	87.5	6.65	6.55	6.6	4.65	4.65	4.7	3.60	3.3
	1/0/2022	Suring	15:05	1.80		0.90	31.30	31.30	31.3	8.58	8.58	0.0	24.79	24.80	24.0	87.70	87.20	07.5	6.65	6.55	0.0	4.65	4.65	4.7	3.00	3.3
	3/8/2022	Cloudy	15:45	1.80		0.90	29.20	29.20	29.2	8.42	8.42	8.4	28.04	28.04	28.0	87.90	86.80	87.4	6.51	6.48	6.5	5.24	5.43	5.3	3.80	3.6
	3/6/2022	Cioday	15:50	1.80		0.90	29.20	29.20	25.2	8.42	8.42	0.4	28.04	28.04	20.0	87.90	86.80	07.4	6.51	6.48	0.5	5.24	5.43	5.5	3.30	3.0
	5/8/2022	Rainy	17:45	1.90		0.95	26.10	26.00	26.1	8.11	8.11	8.1	21.13	21.13	21.1	79.50	79.10	79.3	7.36	7.28	7.3	7.60	7.60	7.6	6.40	6.6
	3/6/2022	Railly	17:50	1.90		0.95	26.10	26.00	20.1	8.11	8.11	0.1	21.13	21.13	21.1	79.50	79.10	15.5	7.36	7.28	7.3	7.60	7.60	7.0	6.80	0.0
	8/8/2022	Cloudy	9:00	1.80		0.90	26.60	26.60	26.6	8.29	8.29	8.3	21.93	21.93	21.9	77.80	76.80	77.3	6.07	6.00	6.0	5.04	5.04	5.0	4.90	5.1
	0/0/2022	Oloddy	9:05	1.80		0.90	26.60	26.60	20.0	8.29	8.29	0.0	21.93	21.93	21.3	77.80	76.80	77.5	6.07	6.00	0.0	5.04	5.04	5.0	5.30	J. 1
	12/8/2022	Rainv	0:00	-		-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	0.0
	12/0/2022	Rainy	0:00	-		-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	0.0
	15/8/2022	Sunny	14:45	1.90		0.95	29.70	29.70	29.7	8.16	8.16	8.2	22.91	22.91	22.9	78.40	78.00	78.2	6.56	6.56	6.6	4.38	4.38	44	3.40	3.3
W6		,	14:50	1.90		0.95	29.70	29.70		8.16	8.16		22.91	22.91		78.40	78.00		6.56	6.56		4.38	4.38		3.20	
Silvermine Bay	17/8/2022	Sunny	16:00	1.80	Middle	0.90	29.00	29.00	29.0	8.63	8.64	8.6	19.54	19.54	19.5	82.70	82.10	82.4	6.56	6.58	6.6	5.18	5.18	5.2	7.20	7.4
(Near Silvermine Bay Beach)		,	16:05	1.80		0.90	29.00	29.00		8.63	8.64		19.54	19.54		82.70	82.10		6.56	6.58		5.18	5.18	w.:=	7.60	
beach)	19/8/2022	Sunny	13:00	1.80		0.90	29.00	29.00	29.0	8.23	8.23	8.2	24.81	24.81	24.8	78.20	77.60	77.9	5.91	5.91	5.9	6.74	6.74	6.7	5.90	6.1
		,	13:05	1.80		0.90	29.00	29.00		8.23	8.23		24.81	24.81		78.20	77.60		5.91	5.91		6.74	6.74		6.20	لسنسا
	22/8/2022	Sunny	9:30	1.70		0.85	28.60	28.60	28.6	8.29	8.29	8.3	26.30	26.30	26.3	75.30	74.10	74.7	5.90	5.93	5.9	6.00	6.00	6.0	4.80	4.7
		,	9:35	1.70		0.85	28.60	28.60		8.29	8.29		26.30	26.30		75.30	74.10		5.90	5.93		6.00	6.00		4.50	$oldsymbol{oldsymbol{\sqcup}}$
	24/8/2022	Sunny(T1)	10:45	1.80		0.90	29.40	29.40	29.4	8.42	8.42	8.4	24.48	24.48	24.5	76.50	75.80	76.2	5.95	5.97	6.0	4.65	4.65	4.7	5.20	5.1
			10:50	1.80		0.90	29.40	29.40		8.42	8.42		24.48	24.48		76.50	75.80		5.95	5.97		4.65	4.65		5.00	$oldsymbol{oldsymbol{}}$
	26/8/2022	Sunny	12:00	1.70		0.85	27.90	27.90	27.9	8.30	8.30	8.3	18.44	18.44	18.4	71.90	71.20	71.6	5.96	5.95	6.0	4.15	4.15	4.2	5.20	5.1
		-	12:05	1.70		0.85	27.90	27.90		8.30	8.30		18.44	18.44		71.90	71.20		5.96	5.95		4.15	4.15		5.00	$\vdash$
	29/8/2022	Sunny	13:45	1.80		0.90	26.60	26.90	26.8	8.36	8.36	8.4	25.41	25.41	25.4	71.50	70.90	71.2	5.78	5.59	5.7	5.45	5.45	5.5	2.20	2.4
			13:50	1.80		0.90	26.60	26.90		8.36	8.36		25.41	25.41		71.50	70.90		5.78	5.59		5.45	5.45		2.50	$\vdash$
	31/8/2022	Sunny	15:00	1.90		0.95	29.10	29.10 29.10	29.1	8.18 8.18	8.18	8.2	25.30 25.30	25.30 25.30	25.3	70.10 70.10	69.60	69.9	5.91	5.96 5.96	5.9	5.68	5.68	5.7	4.60	4.5
			15:05	1.90		0.95	29.10	29.10		8.18	8.18		25.30	25.30		70.10	69.60		5.91	5.96		5.68	5.68		4.40	

Remarks: WQM on 10 Aug was cancelled due to weather condition.

WQM for Mid-Edd on 12 Aug was cancelled due to weather condition.

### Water Quality Monitoring at Station W6 (Middle) - Flood Tide

	0		0	Water	0	Sampling	Te	emperatur	e		pН			Salinity		DO	Saturation	n		DO			Turbidity		S	SS
Station Reference	Sampling Date	Weather	Sampling Time	Depth	Sampling Depth	Depth		°C			-			ppt			%			mg/L			NTU		m	g/L
	Date		Tille	m	Deptil	m	Val	ue	Average	Valu	ıe	Average	Va	lue	Average	Valu	ie	Average	Valu	ue	Average	Valu	ue	Average	Value	Average
	1/8/2022	Sunny	8:00	2.30		1.15	29.40	29.40	29.4	8.16	8.16	8.2	27.35	27.35	27.4	72.90	72.10	72.5	5.93	5.94	5.9	4.50	4.50	4.5	4.30	4.4
	1/0/2022	Suring	8:05	2.30		1.15	29.40	29.40	25.4	8.16	8.16	0.2	27.35	27.35	21.4	72.90	72.10	12.5	5.93	5.94	5.5	4.50	4.50	4.5	4.50	4.4
	3/8/2022	Cloudy	9:15	2.30		1.15	27.70	27.70	27.7	8.23	8.23	8.2	27.57	27.57	27.6	88.40	87.80	88.1	6.75	6.70	6.7	4.97	5.15	5.1	3.60	3.4
	3/0/2022	Cloudy	9:20	2.30		1.15	27.70	27.70	21.1	8.23	8.23	0.2	27.57	27.57	27.0	88.40	87.80	00.1	6.75	6.70	0.7	4.97	5.15	5.1	3.20	5.4
	5/8/2022	Cloudy	12:00	2.20		1.10	26.50	26.50	26.5	8.14	8.14	8.1	22.18	22.18	22.2	77.30	76.70	77.0	6.40	6.35	6.4	8.44	8.44	8.4	8.40	8.3
ļ	0,0,2022	Cicacy	12:05	2.20		1.10	26.50	26.50	20.0	8.14	8.14	0.1	22.18	22.18		77.30	76.70	77.0	6.40	6.35	0.1	8.44	8.44	0.1	8.20	0.0
	8/8/2022	Cloudy	17:00	2.10		1.05	28.00	28.00	28.0	8.44	8.44	8.4	22.86	22.86	22.9	78.00	77.63	77.8	6.04	6.00	6.0	9.70	10.00	9.9	12.40	12.6
		,	17:05	2.10		1.05	28.00	28.00		8.44	8.44		22.86	22.86		78.00	77.63		6.04	6.00		9.70	10.00		12.80	
	12/8/2022	Rainv	20:00	1.90		0.95	25.80	25.80	25.8	8.01	8.01	8.0	22.74	22.74	22.7	76.20	75.30	75.8	5.91	5.94	5.9	8.67	8.67	8.7	8.20	8.4
		,	20:05	1.90		0.95	25.80	25.80		8.01	8.01		22.74	22.74		76.20	75.30		5.91	5.94		8.67	8.67	***	8.60	
	15/8/2022	Sunny	8:30	2.20		1.10	27.00	27.00	27.0	7.97	7.97	8.0	26.73	26.73	26.7	70.90	70.40	70.7	6.01	6.01	6.0	3.86	3.86	3.9	3.80	3.7
W6		-	8:35	2.20		1.10	27.00	27.00		7.97	7.97		26.73	26.73		70.90	70.40		6.01	6.01		3.86	3.86		3.60	$\leftarrow$
Silvermine Bay (Near Silvermine Bay	17/8/2022	Sunny	10:00	2.20	Middle	1.10	28.80	28.80	28.8	8.41	8.41	8.4	22.85	22.85	22.9	78.50	77.40	78.0	5.99	5.99	6.0	4.50	4.50	4.5	5.00	5.1
Beach)			10":05	2.20		1.10	28.80	28.80		8.41	8.41		22.85	22.85		78.50	77.40		5.99	5.99		4.50	4.50		5.20	$\leftarrow$
,	19/8/2022	Sunny	19:45 19:50	2.00		1.00	26.60 26.60	26.60 26.60	26.6	8.29 8.29	8.29 8.29	8.3	20.69	20.69	20.7	74.40 74.40	74.00 74.00	74.2	5.90 5.90	5.94 5.94	5.9	4.37 4.37	4.37	4.4	6.30	6.5
ŀ			21:30	2.00		1.10	26.60	26.60		8.42	8.42		27.90	27.90		74.40	74.00		5.90	5.94		7.00	7.00		11.50	$\vdash$
	22/8/2022	Sunny	21:35	2.20		1.10	27.70	27.70	27.7	8.42	8.42	8.4	27.90	27.90	27.9	72.40	7.19	39.8	5.98	5.99	6.0	7.00	7.00	7.0	11.90	11.7
			0:00	2.20		1.10	21.10	21.10		0.42	0.42		27.90	27.90		72.40	7.19		5.96	5.99		7.00	7.00		11.90	-
	24/8/2022	T3	0:00				-		-			-			-	-		-			-			-		- 1
			19:15	2.10		1.05	26.70	26.70		8.33	8.33		20.91	20.91		73.40	72.00		5.97	5.93		7.70	7.70		7.10	$\vdash$
	26/8/2022	Sunny	19:20	2.10		1.05	26.70	26.70	26.7	8.33	8.33	8.3	20.91	20.91	20.9	73.40	72.00	72.7	5.97	5.93	6.0	7.70	7.70	7.7	7.60	7.4
		_	9:00	2.30		1.15	27.80	27.80		8.02	8.02		26.72	26.72		70.40	69.90		5.94	5.93		6.05	6.05		5.90	
	29/8/2022	Sunny	9:05	2.30	1	1.15	27.80	27.80	27.8	8.02	8.02	8.0	26.72	26.72	26.7	70.40	69.90	70.2	5.94	5.93	5.9	6.05	6.05	6.1	5.40	5.7
		_	9:00	2.30	1	1.15	27.80	27.80		8.02	8.02		26.72	26.72		70.40	69.90		5.94	5.93		6.05	6.05		4.20	
	31/8/2022	Sunny	9:05	2.30		1.15	27.80	27.80	27.8	8.02	8.02	8.0	26.72	26.72	26.7	70.40	69.90	70.2	5.94	5.93	5.9	6.05	6.05	6.1	4.50	4.4

Remarks: WQM on 10 Aug was cancelled due to weather condition.

Water Quality Monitoring at Station W7 (Middle) - Ebb Tide

	0		0	Water	0	Sampling	T	emperatu	re		pН			Salinity		DO	Saturatio	on		00		Т	urbidity		S	SS
Station Reference	Sampling Date	Weather	Sampling Time	Depth	Sampling Level	Depth		°C			-			ppt			%		n	ıg/L			NTU		mg	g/L
	Date		111110	m	LCVCI	m	Val	ue	Average	Valu	ie	Average	Va	lue	Average	Valu	е	Average	Value	Ave	rage	Value	Э	Average	Value	Average
	1/8/2022	Sunny	15:15	2.50		1.25	31.20	31.20	31.2	8.66	8.66	8.7	27.30	27.30	27.3	72.80	72.00	72.4	5.94	5.95	.9	5.77	5.19	5.5	3.00	3.2
	170/2022	Outliny	15:20	2.50		1.25	31.20	31.20	31.2	8.66	8.66	0.7	27.30	27.30	27.5	72.80	72.00	72.4	5.94	5.95	.5	5.77	5.19	5.5	3.40	5.2
	3/8/2022	Cloudy	16:00	2.60		1.30	29.30	29.30	29.3	8.45	8.45	8.5	28.13	28.13	28.1	78.60	77.70	78.2	5.98	5.91	.9	4.42	4.58	4.5	3.20	3.4
	O/O/EOEE	Cioday	16:05	2.60		1.30	29.30	29.30	20.0	8.45	8.45	0.0	28.13	28.13	20.1	78.60	77.70	70.2	5.98	5.91	.0	4.42	4.58	1.0	3.60	0
	5/8/2022	Rainy	18:00	2.70		1.35	26.10	26.10	26.1	8.22	8.22	8.2	18.86	18.86	18.9	77.10	74.70	75.9	6.37	6.32	.3	8.70	8.70	8.7	7.10	7.4
		,	18:05	2.70		1.35	26.10	26.10		8.22	8.22		18.86	18.86		77.10	74.70		6.37	6.32		8.70	8.70		7.60	
	8/8/2022	Cloudy	9:15	2.60		1.30	26.90	26.90	26.9	8.33	8.33	8.3	22.74	22.74	22.7	78.60	77.70	78.2	6.26	6.21	.2	3.17	3.17	3.2	5.60	5.5
		,	9:20	2.60		1.30	26.90	26.90		8.33	8.33		22.74	22.74		78.60	77.70		6.26	6.21		3.17	3.17		5.30	
	12/8/2022	Rainy	0:00	-		-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	- 0	.0	-	-	0.0		0.0
			0:00			-	-						-	-		-	-		-			-				$\vdash$
	15/8/2022	Sunny	15:00 15:05	2.80		1.40	30.20 30.20	30.20	30.2	8.19 8.19	8.19 8.19	8.2	25.48 25.48	25.48 25.48	25.5	75.10 75.10	74.40 74.40	74.8	5.97 5.97	5.97 5.97	.0	4.13 4.13	4.13	4.1	5.40	5.5
W7			16:15	2.80		1.40	29.20	29.20		8.19	8.19		25.48	25.48		76.80	76.40		6.68	6.67	-	5.01	5.01		7.70	$\vdash$
Silvermine Bay	17/8/2022	Sunny	16:20	2.70	Middle	1.35	29.20	29.20	29.2	8.66	8.66	8.7	24.80	24.80	24.8	76.80	76.40	76.6	6.68	6.67	.7	5.01	5.01	5.0	7.70	7.6
(Open Water)			13:15	2.60		1.30	29.30	29.30		8.32	8.32		25.64	25.64		76.80	75.90		5.96	E OE		3.63	3.63		3.60	-
	19/8/2022	Sunny	13:20	2.60		1.30	29.30	29.30	29.3	8.32	8.32	8.3	25.64	25.64	25.6	76.80	75.90	76.4	5.96	5.95	.0	3.63	3.63	3.6	3.80	3.7
			9:45	2.50		1.25	29.20	29.20		8.32	8.32		27.22	27.22		77.10	76.30		5.92	5.64		4.38	4.38		4.70	-
	22/8/2022	Sunny	9:50	2.50		1.25	29.20	29.20	29.2	8.32	8.32	8.3	27.22	27.22	27.2	77.10	76.30	76.7	5.92	5.64	.8_	4.38	4.38	4.4	4.40	4.6
	0.4/0/0000	0(T4)	11:00	2.60		1.30	29.70	29.70	00.7	8.51	8.51	0.5	26.11	26.11	00.4	75.90	75.20	75.0	5.93	5.91		2.75	2.75	0.0	2.90	0.7
	24/8/2022	Sunny(T1)	11:05	2.60		1.30	29.70	29.70	29.7	8.51	8.51	8.5	26.11	26.11	26.1	75.90	75.20	75.6	5.93	5.91	.9	2.75	2.75	2.8	2.50	2.7
	26/8/2022	Cummu	12:15	2.60		1.30	28.20	28.20	28.2	8.35	8.35	8.4	22.04	22.04	22.0	74.50	73.90	74.2	6.02	6.04	.0	6.58	6.58	6.6	2.90	2.7
	20/0/2022	Sunny	12:20	2.60		1.30	28.20	28.20	20.2	8.35	8.35	0.4	22.04	22.04	22.0	74.50	73.90	74.2	6.02	6.04	.0	6.58	6.58	0.0	2.50	2.1
	29/8/2022	Sunny	14;00	2.70		1.35	29.80	29.80	29.8	8.42	8.42	8.4	28.33	28.33	28.3	73.90	73.40	73.7	5.75	5.54	6	5.84	5.84	5.8	6.40	6.2
	23/0/2022	Guilly	14:05	2.70		1.35	29.80	29.80	23.0	8.42	8.42	5.4	28.33	28.33	20.5	73.90	73.40	7 3.7	5.75	5.54	.6	5.84	5.84	5.0	6.00	0.2
	31/8/2022	Sunny	15:15	2.60		1.30	29.20	29.20	29.2	8.28	8.28	8.3	27.03	27.03	27.0	75.60	75.10	75.4	5.57	5.49	.5	5.98	4.98	5.5	5.50	5.4
	31/0/2022	,	15:20	2.60		1.30	29.20	29.20	23.2	8.28	8.28	0.3	27.03	27.03	21.0	75.60	75.10	73.4	5.57	5.49		5.98	4.98	5.5	5.20	5.4

Remarks: WQM on 10 Aug was cancelled due to weather condition.

WQM for Mid-Edd on 12 Aug was cancelled due to weather condition.

Water Quality Monitoring at Station W7 (Middle) - Flood Tide

				Water		Sampling	Te	emperatur	e		pН			Salinity		DO	Saturation	on		DO			Turbidity		S	SS
Station Reference	Sampling Date	Weather	Sampling Time	Depth	Sampling Depth	Depth		°C			-			ppt			%			mg/L			NTU		mg	g/L
	Date		Tillie	m	Бериі	m	Val	ue	Average	Valu	ie	Average	Va	lue	Average	Value	9	Average	Valu	ıe	Average	Val	ue	Average	Value	Average
	1/8/2022	Sunny	8:15	3.00		1.50	29.30	29.30	29.3	8.29	8.29	8.3	27.20	27.20	27.2	74.70	74.10	74.4	5.98	5.90	5.9	3.54	3.54	3.5	3.20	3.1
	1/6/2022	Suring	8:20	3.00		1.50	29.30	29.30	29.3	8.29	8.29	0.3	27.20	27.20	21.2	74.70	74.10	74.4	5.98	5.90	5.9	3.54	3.54	3.5	2.90	3.1
	3/8/2022	Cloudy	9:30	3.10		1.55	27.90	27.90	27.9	8.34	8.34	8.3	27.68	27.68	27.7	76.60	76.30	76.5	6.03	5.94	6.0	3.86	4.00	3.9	2.80	2.7
	3/0/2022	Cloudy	9:35	3.10		1.55	27.90	27.90	21.5	8.34	8.34	0.5	27.68	27.68	21.1	76.60	76.30	70.5	6.03	5.94	0.0	3.86	4.00	3.5	2.50	2.1
	5/8/2022	Cloudy	12:15	3.00		1.50	26.60	26.50	26.6	8.26	8.26	8.3	25.43	25.43	25.4	79.80	79.00	79.4	6.21	6.14	6.2	4.62	4.62	4.6	3.60	3.7
	3/8/2022	Cloudy	12:20	3.00		1.50	26.60	26.50	20.0	8.26	8.26	0.3	25.43	25.43	23.4	79.80	79.00	15.4	6.21	6.14	0.2	4.62	4.62	4.0	3.80	3.7
	8/8/2022	Cloudy	17:15	2.90		1.45	28.60	28.60	28.6	8.47	8.47	8.5	22.31	22.31	22.3	75.90	75.30	75.6	6.01	5.94	6.0	5.85	5.85	5.9	4.70	4.5
	0/0/2022	Cloudy	17:20	2.90		1.45	28.60	28.60	20.0	8.47	8.47	6.5	22.31	22.31	22.3	75.90	75.30	75.0	6.01	5.94	0.0	5.85	5.85	3.5	4.20	4.5
	12/8/2022	Rainv	20:15	3.00		1.50	25.60	25.60	25.6	8.06	8.06	8.1	22.69	22.69	22.7	75.50	74.70	75.1	5.93	5.91	5.9	6.07	6.07	6.1	8.20	8.4
	12/0/2022	reality	20:20	3.00		1.50	25.60	25.60	25.0	8.06	8.06	0.1	22.69	22.69	22.1	75.50	74.70	75.1	5.93	5.91	5.5	6.07	6.07	0.1	8.50	0.4
	15/8/2022	Sunny	8:45	3.10		1.55	26.90	26.90	26.9	7.99	7.99	8.0	26.47	26.47	26.5	75.30	74.90	75.1	5.97	5.97	6.0	3.60	3.60	3.6	3.70	3.5
W7	TOTOLEGEE	Guiniy	8:50	3.10		1.55	26.90	26.90	20.0	7.99	7.99	0.0	26.47	26.47	20.0	75.30	74.90	70.1	5.97	5.97	0.0	3.60	3.60	0.0	3.30	0.0
Silvermine Bay	17/8/2022	Sunny	10:15	3.10	Middle	1.55	28.70	28.70	28.7	8.43	8.43	8.4	25.45	25.45	25.5	72.00	71.40	71.7	6.04	6.04	6.0	4.07	4.07	4.1	5.20	5.1
(Open Water)		,	10:20	3.10	1	1.55	28.70	28.70		8.43	8.43	• • • •	25.45	25.45		72.00	71.40		6.04	6.04		4.07	4.07		4.90	
	19/8/2022	Sunny	20:00	2.80		1.40	26.90	26.90	26.9	8.37	8.37	8.4	25.05	25.05	25.1	77.10	76.80	77.0	5.94	5.92	5.9	3.12	3.12	3.1	5.10	5.1
		,	20:05	2.80		1.40	26.90	26.90		8.37	8.37		25.05	25.05		77.10	76.80		5.94	5.92		3.12	3.12		5.10	
	22/8/2022	Sunny	21:45	3.00		1.50	27.70	27.70	27.7	8.42	8.42	8.4	27.90	27.90	27.9	72.40	71.90	72.2	5.91	5.98	5.9	7.00	7.00	7.0	8.80	8.6
		,	21:50	3.00	1	1.50	27.70	27.70		8.42	8.42		27.90	27.90		72.40	71.90		5.91	5.98		7.00	7.00		8.30	انسا
	24/8/2022	T3	0:00	-	1	-	-	-	_	-	-	-	-	-		-	-	_	-	-	-	-	-	_	-	
			0:00	-	1	-	-	-		-	-		-	-		-	-		-	-		-	-		-	$\overline{}$
	26/8/2022	Sunny	19:30	3.00		1.50	27.00	27.00	27.0	8.41	8.41	8.4	24.05	24.05	24.1	74.00	73.60	73.8	5.91	5.59	5.8	5.20	5.20	5.2	4.80	4.6
		-	19:35	3.00	-	1.50	27.00	27.00		8.41	8.41		24.05	24.05		74.00	73.60		5.91	5.59		5.20	5.20		4.40	-
	29/8/2022	Sunny	9:15	3.00		1.50	27.80	27.80	27.8	8.10	8.10	8.1	28.32	28.32	28.3	72.50	72.00	72.3	5.96	5.98	6.0	5.14	5.14	5.1	4.80	5.0
			9:20	3.00		1.50	27.80	27.80		8.10	8.10		28.32	28.32		72.50	72.00		5.96	5.98		5.14	5.14		5.20	
	31/8/2022	Sunny	9:15 9:20	3.00		1.50	27.80 27.80	27.80 27.80	27.8	8.10 8.10	8.10 8.10	8.1	28.32 28.32	28.32	28.3	72.50 72.50	72.00 72.00	72.3	5.96 5.96	5.98 5.98	6.0	5.14 5.14	5.14	5.1	4.00 3.80	3.9
			9.20	ა.00	1	1.50	21.00	21.60		0.10	0.10		20.32	20.32		12.00	12.00		5.90	5.98		5.14	5.14		ა.ძ0	4

Remarks: WQM on 10 Aug was cancelled due to weather condition.

Water Quality Monitoring at Station W8 (Surface) - Ebb Tide

	Sampling		Sampling	Water	Sampling	Sampling	Te	emperatur	re		pН			Salinity		DO	O Saturatio	n		DO			Turbidity		S	SS
Station Reference	Date	Weather	Time	Depth	Level	Depth		°C			-			ppt			%			mg/L			NTU		mę	g/L
	Date		111110	m	LCVCI	m	Val	ue	Average	Valu	е	Average	Val	ue	Average	Val	ue	Average	Vali	ue	Average	Valu	ıe	Average	Value	Average
	1/8/2022	Sunny	15:30	3.60		1.00	30.50	30.50	30.5	8.64	8.64	8.6	26.65	26.65	26.7	83.30	82.30	82.8	6.18	6.14	6.2	6.40	4.40	5.4	4.20	4.3
	1/0/2022	Suriny	15:35	3.60		1.00	30.50	30.50	30.3	8.64	8.64	0.0	26.65	26.65	20.7	83.30	82.30	02.0	6.18	6.14	0.2	6.40	4.40	3.4	4.30	4.3
	3/8/2022	Cloudy	16:15	3.60		1.00	28.90	28.90	28.9	8.56	8.56	8.6	28.46	28.46	28.5	84.90	84.00	84.5	6.28	6.21	6.2	5.93	6.15	6.0	4.30	4.5
	3/0/2022	Oloddy	16:20	3.60		1.00	28.90	28.90	20.3	8.56	8.56	0.0	28.46	28.46	20.5	84.90	84.00	04.5	6.28	6.21	0.2	5.93	6.15	0.0	4.70	4.5
	5/8/2022	Rainy	18:15	3.70		1.00	26.00	26.00	26.0	8.32	8.32	8.3	20.84	20.84	20.8	75.10	74.60	74.9	6.15	6.08	6.1	6.01	6.01	6.0	5.20	5.4
	3/0/2022	reality	18:20	3.70		1.00	26.00	26.00	20.0	8.32	8.32	0.0	20.84	20.84	20.0	75.10	74.60	74.5	6.15	6.08	0.1	6.01	6.01	0.0	5.60	5.4
	8/8/2022	Cloudy	9:30	3.60		1.00	27.00	27.00	27.0	8.38	8.38	8.4	23.60	23.60	23.6	76.80	76.10	76.5	5.93	5.97	6.0	2.75	2.75	2.8	3.20	3.4
	GGZGZZ	Oloddy	9:35	3.60		1.00	27.00	27.00	21.0	8.38	8.38	0.1	23.60	23.60	20.0	76.80	76.10	70.0	5.93	5.97	0.0	2.75	2.75	2.0	3.60	U
	12/8/2022	Rainv	0:00	-		1.00	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	0.0
	12/0/2022	rtuiriy	0:00	-		1.00	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	0.0
	15/8/2022	Sunny	15:15	3.80		1.00	30.00	30.10	30.1	8.16	8.16	8.2	23.86	23.86	23.9	75.60	75.60	75.6	5.96	5.96	6.0	3.35	3.35	3.4	3.30	3.4
W8			15:20	3.80		1.00	30.00	30.10		8.16	8.16		23.86	23.86		75.60	75.60		5.96	5.96		3.35	3.35		3.40	$\vdash$
Silvermine Bay	17/8/2022	Sunny	16:30	3.70	Surface	1.00	29.00	29.00	29.0	8.69	8.69	8.7	24.52	24.52	24.5	76.80	76.10	76.5	6.65	6.55	6.6	4.87	4.87	4.9	6.90	7.1
(Open Water)			16:35	3.70		1.00	29.00	29.00		8.69	8.69		24.52	24.52		76.80	76.10		6.65	6.55		4.87	4.87		7.20	-
	19/8/2022	Sunny	13:30	3.60		1.00	29.20	29.20	29.2	8.36	8.36	8.4	26.43	26.43	26.4	74.40	74.10	74.3	5.94	5.91	5.9	2.68	2.68	2.7	2.90	3.0
		-	13:35	3.60		1.00	29.20	29.20		8.36	8.36		26.43	26.43		74.40	74.10		5.94	5.91		2.68	2.68		3.10	$\vdash$
	22/8/2022	Sunny	10:00	3.50		1.00	29.00	29.00	29.0	8.41	8.41	8.4	27.48	27.48	27.5	79.30	78.30	78.8	5.90	5.96	5.9	4.49	4.49	4.5	8.00	7.9
			10:05	3.50		1.00	29.00	29.00		8.41	8.41		27.48	27.48		79.30	78.30		5.90	5.96		4.49	4.49		7.80	-
	24/8/2022	Sunny(T1)	11:15 11:20	3.60 3.60		1.00	29.40 29.40	29.40 29.40	29.4	8.53 8.53	8.53 8.53	8.5	25.58 25.58	25.58 25.58	25.6	74.60 74.60	74.20 74.20	74.4	5.97 5.97	5.97 5.97	6.0	2.80	2.80	2.8	6.00	6.3
	-		11:20	3.60		1.00	29.40	29.40		8.53	8.53		25.58	25.58		73.00	74.20		5.97	5.97		4.62	4.62			$\vdash$
	26/8/2022	Sunny	12:35	3.60		1.00	28.10	28.10	28.1	8.37	8.37	8.4	21.02	21.02	21.0	73.00	72.70	72.9	5.90	5.90	5.9	4.62	4.62	4.6	6.00	6.3
			14:15	3.70		1.00	29.60	29.60		8.45	8.45		28.38	28.38		71.70	71.40		5.65	5.50		4.62	4.02		3.60	$\vdash$
	29/8/2022	Sunny	14:15	3.70	1	1.00	29.60	29.60	29.6	8.45	8.45	8.5	28.38	28.38	28.4	71.70	71.40	71.6	5.65	5.50	5.6	4.98	4.98	5.0	3.80	3.7
			15:30	3.60	1	1.00	28.90	28.90		8.32	8.32		28.04	28.04		76.70	76.20		5.95	5.96		5.27	5.27		4.60	
	31/8/2022	Sunny	15:35	3.60	1	1.00	28.90	28.90	28.9	8.32	8.32	8.3	28.04	28.04	28.0	76.70	76.20	76.5	5.95	5.96	6.0	5.27	5.27	5.3	4.80	4.7

Remarks: WQM on 10 Aug was cancelled due to weather condition.

WQM for Mid-Edd on 12 Aug was cancelled due to weather condition.

#### Water Quality Monitoring at Station W8 (Surface) - Flood Tide

	Complian		Camalian	Water	Sampling	Sampling	Т	emperatur	е		pН			Salinity		DO	Saturation	n		DO			Turbidity		SS	í
Station Reference	Sampling Date	Weather	Sampling Time	Depth	Depth	Depth		°C			-			ppt			%			mg/L			NTU		mg/	L
	Date		Tillie	m	Deptil	m	Val	ue	Average	Valu	ıe	Average	Val	lue	Average	Value	е	Average	Val	ue	Average	Va	lue	Average	Value	Average
	1/8/2022	Sunny	8:30	4.10		1.00	29.50	29.50	29.5	8.28	8.28	0.2	27.05	27.05	27.1	71.50	71.10	71.3	5.94	5.94	5.9	4.02	4.02	4.0	3.60	3.8
	1/0/2022	Suring	8:35	4.10		1.00	29.50	29.50	25.5	8.28	8.28	5.5	27.05	27.05	21.1	71.50	71.10	71.3	5.94	5.94	5.5	4.02	4.02	4.0	3.90	3.0
	3/8/2022	Cloudy	9:45	4.10		1.00	28.00	28.00	28.0	8.43	8.43	8.4	28.16	28.16	28.2	78.60	77.40	78.0	6.10	6.03	6.1	4.97	5.15	5.1	3.60	3.8
	O/O/ZOZZ	Oloddy	9:50	4.10		1.00	28.00	28.00	20.0	8.43	8.43	0.1	28.16	28.16	20.2	78.60	77.40	70.0	6.10	6.03	0.1	4.97	5.15	0.1	4.00	0.0
	5/8/2022	Cloudy	12:30	4.00		1.00	26.30	26.30	26.3	8.33	8.33	8.3	25.36	25.36	25.4	76.00	75.50	75.8	6.01	5.96	6.0	4.81	4.81	4.8	4.80	4.6
	O/O/ZOZZ	Oloddy	12:35	4.00		1.00	26.30	26.30	20.0	8.33	8.33	0.0	25.36	25.36	20	76.00	75.50	70.0	6.01	5.96	0.0	4.81	4.81	1.0	4.40	1.0
	8/8/2022	Cloudy	17:30	3.90		1.00	28.20	28.20	28.2	8.50	8.50	8.5	22.42	22.42	22.4	72.40	72.00	72.2	5.95	5.90	5.9	5.83	5.83	5.8	3.50	3.4
		,	17:35	3.90		1.00	28.20	28.20		8.50	8.50		22.42	22.42		72.40	72.00		5.95	5.90		5.83	5.83		3.20	
	12/8/2022	Rainv	20:30	4.00		1.00	25.50	25.50	25.5	8.09	8.09	8.1	18.63	18.63		74.60	73.80	74.2	5.96	5.93	5.9	8.01	8.01	8.0	9.40	9.2
		. ,	20:35	4.00		1.00	25.50	25.50		8.09	8.09		18.63	18.63		74.60	73.80		5.96	5.93		8.01	8.01		9.00	
	15/8/2022	Sunny	9:00	4.10		1.00	26.90	26.90	26.9	8.04	8.04	8.0	26.80	26.80	26.8	74.20	73.70	74.0	6.52	6.52	6.5	3.59	3.49	3.5	6.60	6.5
W8			9:05	4.10		1.00	26.90	26.90		8.04	8.04		26.80	26.80	ļ	74.20	73.70		6.52	6.52		3.59	3.49		6.40	
Silvermine Bay	17/8/2022	Sunny	10:30	4.10	Surface	1.00	28.60	28.60	28.6	8.49	8.49	8.5	25.21	25.21	25.2	76.20	75.60	75.9	6.63	6.63	6.6	3.87	3.87	3.9	3.70	4.6
(Open Water)			10:35	4.10		1.00	28.60	28.60		8.49	8.49		25.21	25.21		76.20	75.60		6.63	6.63		3.87	3.87		5.40	
	19/8/2022	Sunny	20:15	3.80		1.00	26.70 26.70	26.74 26.74	26.7	8.42 8.42	8.20 8.20	8.3	25.47 25.47	25.47 25.47	25.5	71.20 71.20	70.40 70.40	70.8	5.96 5.96	5.96 5.96	6.0	2.91	2.91	2.9	3.80 4.20	4.0
	-		20:20	4.00		1.00	27.90	27.90		8.42	8.49		25.47	25.47	1	75.30	74.80		5.96	5.96		5.13	5.13		6.60	
	22/8/2022	Sunny	22:05	4.00		1.00	27.90	27.90	27.9	8.49	8.49	8.5	25.78	25.78	25.8	75.30	74.80	75.1	5.96	5.90	5.9	5.13	5.13	5.1	6.20	6.4
			0:00	4.00		1.00	27.30	21.30		0.43	0.43		20.70	20.70	1	73.30	74.00		5.50	3.30		5.15	0.10		0.20	
	24/8/2022	T3	0:00			1.00			-			-			1 - 1		_	-			-			-		-
			19:45	4.00		1.00	26.80	26.80		8.43	8.43		21.14	21.14	1	74.10	73.80		5.97	5.90		4.06	4.06		2.40	
	26/8/2022	Sunny	19:50	4.00		1.00	26.80	26.80	26.8	8.43	8.43	8.4	21.14	21.14	21.1	74.10	73.80	74.0	5.97	5.90	5.9	4.06	4.06	4.1	2.10	2.3
		_	9:30	4.00	1	1.00	27.80	27.80		8.12	8.12		28.14	28.14		72.60	71.90		5.90	5.57		5.10	5.10		3.60	
	29/8/2022	Sunny	9:35	4.00		1.00	27.80	27.80	27.8	8.12	8.12	8.1	28.14	28.14	28.1	72.60	71.90	72.3	5.90	5.57	5.7	5.10	5.10	5.1	3.80	3.7
	04/0/0000	0	9:30	4.00	1	1.00	27.80	27.80	07.0	8.12	8.12	0.4	28.14	28.14	00.4	72.60	71.90	70.0	5.90	5.90		5.10	5.10		4.50	4.7
	31/8/2022	Sunny	9:35	4.00	1	1.00	27.80	27.80	27.8	8.12	8.12	8.1	28.14	28.14	28.1	72.60	71.90	72.3	5.90	5.90	5.9	5.10	5.10	5.1	4.90	4.7

Remarks: WQM on 10 Aug was cancelled due to weather condition.

Water Quality Monitoring at Station W8 (Bottom) - Ebb Tide

	0		Sampling	Water	Sampling	Sampling	Temper	iture		рН			Salinity		DO Sa	uration		DO		T	urbidity		SS	s
Station Reference	Sampling Date	Weather	Time	Depth	Level	Depth	°C			-			ppt		9			mg/L			NTU		mg	g/L
	Date		111110	m	LOVOI	m	Value	Average	Value	Ave	verage	Val	ue	Average	Value	Averag	e Val	ue	Average	Value		Average	Value	Average
	1/8/2022	Sunny	15:40	3.60		2.60	30.60 30	30.6	8.65	8.65	8.7	27.41	27.41	27.4	75.70 7	5.40 75.6	5.91	5.92	5.9	3.75	3.75	3.8	4.30	4.5
	1/0/2022	Suriny	15:45	3.60		2.60	30.60 30	50.0	8.65	8.65	0.7	27.41	27.41	21.4	75.70 7	5.40	5.91	5.92	5.5	3.75	3.75	3.0	4.70	4.5
	3/8/2022	Cloudy	16:25	3.60		2.60	29.20 29	29.2	8.51	8.51	8.5	28.54	28.54	28.5	79.10 7	78.8	5.92	5.93	5.9	5.66	5.86	5.8	4.10	4.2
	3/0/2022	Oloudy	16:30	3.60		2.60	29.20 29	20	8.51	8.51	0.5	28.54	28.54	20.0		8.40	5.92	5.93	5.5	5.66	5.86	3.0	4.20	7.2
	5/8/2022	Rainv	18:25	3.70		2.70	26.10 26		8.33	8.33	8.3	25.40	25.40	25.4		6.00 76.3	6.14	6.09	6.1	4.17	4.17	4.2	4.00	3.8
	O/O/EOEE	rtumy	18:30	3.70		2.70	26.10 26	10	8.33	8.33	0.0	25.40	25.40	20.1	76.60 7	6.00	6.14	6.09	0.1	4.17	4.17		3.60	
	8/8/2022	Cloudy	9:40	3.60		2.60	27.00 27.		8.41	8.41	8.4	25.00	25.00	25.0		9.10 79.5	6.12	6.09	6.1	2.97	2.97	3.0	5.00	4.9
	GOZOZZ	Cicacy	9:45	3.60		2.60	27.00 27	00	8.41	8.41	0.1	25.00	25.00	20.0	79.80 7	9.10	6.12	6.09	0.1	2.97	2.97	0.0	4.70	
	12/8/2022	Rainv	0:00	-		(1.00)	-	- 0.0	-		0.0	-	-	0.0	-	- 0.0	-	-	0.0	-	-	0.0		0.0
	ILIGIZOZZ	rtumy	0:00	-		(1.00)	-	-	-		0.0	-	-	0.0	-	-	-	-	0.0	-	-	0.0		U.U
	15/8/2022	Sunny	15:25	3.80		2.80	29.80 29		8.19	8.19	8.2	25.01	25.01	25.0		1.30 71.6	5.59	5.55	5.6	3.13	3.13	3.1	2.60	2.7
W8		,	15:30	3.80		2.80	29.80 29	80	8.19	8.19		25.01	25.01			1.30	5.59	5.55		3.13	3.13		2.70	
Silvermine Bay	17/8/2022	Sunny	16:40	3.70	Bottom	2.70	28.70 28		8.66	8.66	8.7	25.63	25.63	25.6		78.5	6.58	6.60	6.6	4.65	4.65	4.7	7.00	6.8
(Open Water)			16:45	3.70		2.70	28.70 28		8.66	8.66		25.63	25.63			8.50	6.58	6.60		4.65	4.65		6.60	
	19/8/2022	Sunny	13:40	3.60		2.60	28.70 28		8.27	8.28	8.3	27.30	27.30	27.3		71.9	5.91	5.95	5.9	4.35	4.38	4.4	7.20	7.2
			13:45	3.60		2.60	28.70 28		8.27	8.28		27.30	27.30			1.70	5.91	5.95		4.35	4.38		7.20	
	22/8/2022	Sunny	10:10	3.50		2.50	28.90 28.		8.39	8.39	8.4	27.66	27.66 27.66	27.7		9.80 70.1	5.99	5.99	6.0	5.09	5.09	5.1	7.50	7.7
			10:15	3.50 3.60		2.50	28.90 28		8.39	8.39		27.66				9.80	5.99	5.99			5.09		7.90	
	24/8/2022	Sunny(T1)	11:25 11:30			2.60	29.30 29		8.53 8.53	8.53	8.5	25.45 25.45	.25.45	25.5		4.80 4.80 74.9	5.99 5.99	5.99 5.99	6.0	2.70	2.70	2.7	5.30 5.70	5.5
			12:40	3.60 3.60		2.60	29.30 29 27.90 27		8.41	8.53		25.45	.25.45			2.90	5.59	5.59		3.92	2.70 3.92		5.70	
	26/8/2022	Sunny	12:40	3.60		2.60	27.90 27.	27 9	8.41	8.41	8.4	24.71	24.71	24.7		2.90 73.4	5.59	5.59	5.6	3.92	3.92	3.9	5.70	5.5
			14:25	3.70		2.70	29.40 29	10	8.46	8.46		28.38	28.38			3.60	5.66	5.59		4.98	4.97		3.30	
	29/8/2022	Sunny	14:30	3.70		2.70	29.40 29.		8.46	8.46	8.5	28.38	28.38	28.4		3.60 73.9	5.66	5.51	5.6	4.98	4.97	5.0	3.00	3.2
			15:40	3.60		2.60	28.90 28	70	8.27	8 27		28.35	28.35			2.00	5.95	5.91		4.41	4.41		3.40	
	31/8/2022	Sunny	15:45	3.60		2.60	28.70 28		8.27	8.27	8.3	28.35	28.35	28.4		2.00 72.3	5.95	5.91	5.9	4.41	4.41	4.4	3.70	3.6

Remarks: WQM on 10 Aug was cancelled due to weather condition.

WQM for Mid-Edd on 12 Aug was cancelled due to weather condition.

Water Quality Monitoring at Station W8 (Bottom) - Flood Tide

	Sampling		Sampling	Water	Sampling	Sampling	Tem	perature			рН			Salinity		D	O Saturatio	n		DO			Turbidity		S	SS
Station Reference	Date	Weather	Time	Depth	Depth	Depth		°C			-			ppt			%			mg/L			NTU		mg	g/L
	Date		111110	m	Бори	m	Value	. A	Average	Value		Average	Va	lue	Average	Val	ue	Average	Valu	ie	Average	Valu	ıe	Average	Value	Average
	1/8/2022	Sunnv	8:40	4.10		3.10	29.30	29.30	29.3	8.28	8.28	83	27.64	27.64	27.6	75.30	74.90	75.1	5.97	5.99	6.0	3.54	3.54	3.5	2.40	2.6
	170/2022	Guilly	8:45	4.10		3.10	29.30	29.30	23.0	8.28	8.28	0.0	27.64	27.64	27.0	75.30	74.90	70.1	5.97	5.99	0.0	3.54	3.54	0.0	2.70	2.0
	3/8/2022	Cloudy	10:00	4.10		3.10	27.90	27.90	27.9	8.39	8.39	8.4	28.42	28.42	28.4	81.80	81.30	81.6	6.02	5.93	6.0	5.38	5.58	5.5	3.90	3.7
	GGEGEE	Cioday	10:05	4.10		3.10	27.90	27.90	27.0	8.39	8.39	0.1	28.42	28.42	20.1	81.80	81.30	01.0	6.02	5.93	0.0	5.38	5.58	0.0	3.50	0.7
	5/8/2022	Cloudy	12:40	4.00		3.00	26.40	26.40	26.4	8.32	8.32	8.3	25.94	25.94	25.9	80.00	79.30	79.7	6.12	6.05	6.1	3.64	3.64	3.6	4.70	4.5
			12:45	4.00		3.00	26.40	26.40		8.32	8.32		25.94	25.94		80.00	79.30		6.12	6.05		3.64	3.64		4.30	
	8/8/2022	Cloudy	17:40	3.90	ł	2.90	28.20	28.20	28.2	8.51	8.51	8.5	24.71	24.71	24.7	76.00	75.40	75.7	5.97	5.99	6.0	5.03	5.03	5.0	6.50	6.4
			17:45	3.90	ł	2.90	28.20	28.20		8.51	8.51		24.71	24.71		76.00	75.40		5.97	5.99		5.03	5.03		6.20	
	10/8/2022	Thunder	0:00	-	ł	(1.00)	-	-	-	-		-	-	-	-	-	-	-	-	-	-			-	-	
			0:00 20:40	4.00		(1.00)	- 05.70	25.70		8.10	0.40		- 04.00	- 04.00		77.30	76.80		5.91			6.47	0.47		7.20	
	12/8/2022	Rainy	20:45	4.00		3.00	25.70 25.70	25.70	25.7	8.10	8.10 8.10	8.1	24.00 24.00	24.00 24.00	24.0	77.30	76.80	77.1	5.91	5.98 5.98	5.9	6.47	6.47	6.5	6.80	7.0
W8			9:10	4.10	1	3.10	26.80	26.80		8.03	8.03		27.04	27.01		77.50	70.80		5.99	5.99		3 54	3.53		4.00	
Silvermine Bay	15/8/2022	Sunny	9:15	4.10	Bottom	3.10	26.80	26.80	26.8	8.03	8.03	8.0	27.04	27.01	27.0	73.50	72.40	73.0	5.99	5.99	6.0	3.54	3.53	3.5	3.60	3.8
(Open Water)			10:40	4.10		3.10	28.60	28.60		8.45	8.45		26.22	26.22		79.90	79.50		5.91	5.67		4 65	4.65		5.20	
	17/8/2022	Sunny	10:45	4.10		3.10	28.60	28.60	28.6	8.45	8.45	8.5	26.22	26.22	26.2	79.90	79.50	79.7	5.91	5.67	5.8	4.65	4.65		4.90	5.1
	19/8/2022	0	20:25	3.80		2.80	26.50	26.50	26.5	8.38	8.38	8.4	26.65	26.65	26.7	75.50	74.10	74.8	5.93	5.91	5.0	3.59	3.59	0.0	3.40	0.0
	19/8/2022	Sunny	20:30	3.80	1	2.80	26.50	26.50	26.5	8.38	8.38	8.4	26.65	26.65	26.7	75.50	74.10	74.8	5.93	5.91	5.9	3.59	3.59	3.6	3.70	3.6
	22/8/2022	Sunny	22:10	4.00		3.00	27.80	27.80	27.8	8.50	8.50	8.5	27.58	27.58	27.6	76.30	75.80	76.1	5.98	5.95	6.0	5.14	5.14	5.1	6.80	6.7
	22/6/2022	Suriny	22:15	4.00		3.00	27.80	27.80	27.0	8.50	8.50	0.5	27.58	27.58	27.0	76.30	75.80	76.1	5.98	5.95	6.0	5.14	5.14	5.1	6.60	6.7
	26/8/2022	Sunny	19:55	4.00		3.00	26.90	26.90	26.9	8.38	8.38	8.4	26.20	26.20	26.2	71.60	71.30	71.5	5.98	5.99	6.0	4.32	4.32	4.3	3.60	3.8
	20/0/2022	Guilly	18:00	4.00		3.00	26.90	26.90	20.3	8.38	8.38	0.4	26.20	26.20	20.2	71.60	71.30	71.0	5.98	5.99	0.0	4.32	4.32	4.0	3.90	5.0
	29/8/2022	Sunny	9:40	4.00		3.00	27.80	27.80	27.8	8.13	8.13	8.1	28.43	28.43	28.4	73.80	72.50	73.2	5.96	5.93	5.9	4.50	4.50		3.10	3.3
			9:45	4.00		3.00	27.80	27.80	_7.0	8.13	8.13	0.1	28.43	28.43	20.1	73.80	72.50	70.2	5.96	5.93	0.0	4.50	4.50	1.0	3.40	0.0
	31/8/2022	Sunny	9:40	4.00		3.00	27.80	27.80	27.8	8.13	8.13	8.1	28.43	28.43	28.4	73.80	72.50	73.2	5.96	5.93	5.9	4.50	4.50	4.5	4.00	4.1
			9:45	4.00		3.00	27.80	27.80		8.13	8.13	•	28.43	28.43		73.80	72.50		5.96	5.93		4.50	4.50		4.20	

Remarks: WQM for 10 Aug was cancelled due to weather condition.

Water Quality Monitoring at Station W1 (Middle) - Ebb Tide

	0		0	Water	0	Sampling	Tei	mperature	9		pН		Sa	linity		DO	Saturatio	n		DO			Turbidity		SS	;
Station Reference	Sampling Date	Weather	Sampling Time	Depth	Sampling Level	Depth		°C			-		ţ	ppt			%			mg/L			NTU		mg/	L
	Date		10	m	2010.	m	Valu	е	Average	Valu	ie	Average	Value		Average	Value	е	Average	Valu	e A	verage	Valu	ie	Average	Value	Average
	2/9/2022	Sunny	15:30	0.50		0.25	26.74	26.70	26.7	7.60	7.60	7.6	0.18	0.18	0.2	76.00	75.30	75.7	6.85	6.79	6.8	4.50	4.49	15	2.80	2.8
	2/3/2022	Outlify	15:35	0.50		0.25	26.74	26.70	20.7	7.60	7.60	7.0	0.18	0.18	0.2	76.00	75.30	70.7	6.85	6.79	0.0	4.50	4.49	4.5	2.80	2.0
	5/9/2022	Sunny	6:30	0.50		0.25	26.10	26.10	26.1	7.08	7.08	7 1	7.90	7.90	7.9	77.80	77.10	77.5	6.56	6.58	6.6	4.05	4.05	4.1	2.00	2.0
	3/3/2022	Outliny	6:35	0.50		0.25	26.10	26.10	20.1	7.08	7.08	7.1	7.90	7.90	7.5	77.80	77.10	77.5	6.56	6.58	0.0	4.05	4.05		2.00	2.0
	7/9/2022	Sunny	8:45	0.50		0.25	26.50	26.50	26.5	7.35	7.35	7.4		14.72	8.2	83.10	92.40	87.8	7.64	7.48	7.6	4.70	4.69	4.7	2.60	2.8
	TTGTEGEE	Curry	8:50	0.50		0.25	26.50	26.50	20.0	7.35	7.35			14.72	0.2	83.10	92.40	07.0	7.64	7.48		4.70	4.69		2.90	
	9/9/2022	Sunny	10:45	0.50		0.25	26.70	26.00	26.4	7.29	7.29	7.3	7.63	7.63	7.6	76.60	75.60	76.1	6.80	6.67	6.7	5.46	5.46	5.5	2.50	2.7
		,	10:50	0.50		0.25	26.70	26.00		7.29	7.29		7.63	7.63		76.60	75.60		6.80	6.67		5.46	5.46		2.80	
	13/9/2022	Sunny	13:45	0.50		0.25	28.30	28.30	28.3	7.37	7.37	7.4	1.53	1.53	1.5	83.20	83.20	83.2	6.90	6.83	6.9	5.66	5.66	5.7	3.80	3.7
			13:50	0.50		0.25	28.30	28.30		7.37	7.37		1.53	1.53		83.20	83.20		6.90	6.83		5.66	5.66		3.50	
W1	15/9/2022	Sunny	14:00	0.50		0.25	27.20	27.20	27.2	7.91	7.91	7.9	0.28	0.28	0.3	74.50	75.80	75.2	6.77	6.87	6.8	3.48	3.48	3.5	20.20	20.1
Wang Tong River			14:05	0.50	Middle	0.25	27.20	27.20		7.91	7.91		0.28	0.28		74.50	75.80		6.77	6.87		3.48	3.48		19.90	
(Major tributary)	17/9/2022	Sunny	15:15	0.50		0.25	27.30	27.30	27.3	7.74	7.73	7.7	0.27	0.27	0.3	78.30	78.80	78.6	7.03	7.06	7.0	4.72	4.72	4.7	2.20	2.3
			15:20	0.50		0.25	27.30	27.30		7.74	7.73		0.27	0.27		78.30	78.80		7.03	7.06		4.72	4.72		2.40	
	19/9/2022	Cloudy	6:45	0.50		0.25	27.10	27.10	27.1	7.40	7.40	7.4	0.30	0.30	0.3	78.50	78.60	78.6	7.87	7.68	7.8	3.14	3.14	3.1	3.30	3.1
			6:50	0.50		0.25	27.10	27.10		7.40	7.40		0.30	0.30		78.50	78.60		7.87	7.68		3.14	3.14		2.90	
	21/9/2022	Sunny	8:45	0.50		0.25	26.70	26.70 26.70	26.7	7.08	7.08	7.1	0.17	2.17	1.2	88.00	87.60 87.60	87.8	7.26	7.21	7.2	5.07	5.07	5.1	2.00	2.0
ļ			8:50 10:00	0.50 0.50		0.25	26.70 26.70	26.70		7.08 7.16	7.08 7.16		0.17 6.37	2.17 6.37		88.00 89.30	88.60		7.26 8.80	7.21 8.76		5.07 6.53	5.07 6.53		2.00	
	23/9/2022	Sunny	10:05	0.50		0.25	26.70	26.70	26.7	7.16	7.16	7.2	6.37	6.37	6.4	89.30	88.60	89.0	8.80	8.76	8.8	6.53	6.53	6.5	2.00	2.0
			12:00	0.50		0.25	28.10	28.10		7.10	7.16		2.33	2.33		86.70	85.80		8.75	8.71		5.58	5.58		2.00	
	26/9/2022	Sunny	12:05	0.50		0.25	28.10	28.10	28.1	7.40	7.41	7.4	2.33	2.33	2.3	86.70	85.80	86.3	8.75	8.71	8.7	5.58	5.58	5.6	2.00	2.0
			13:15	0.50		0.25	28.40	28.40		7.40	7.41		0.94	0.94		91.60	91.10		8.33	8.23		5.94	5.94		2.20	
	28/9/2022	Sunny	13:20	0.50		0.25	28.40	28.40	28.4	7.90	7.90	7.9	0.94	0.94	0.9	91.60	91.10	91.4	8.33	8.23	8.3	5.94	5.94	5.9	2.40	2.3

Remarks: WQM for Mid-Ebb on 30 Sep was cancelled due to weather condition.

Water Quality Monitoring at Station W1 (Middle) - Flood Tide

	Sampling		Sampling	Water	Camaliaa	Sampling	Т	emperatur	re		pН			Salinity		DC	Saturatio	n		DO			Turbidity		S	S
Station Reference	Date	Weather	Time	Depth	Sampling Depth	Depth		°C			-			ppt			%			mg/L			NTU		mg	g/L
	Date		111110	m	Бери	m	Val	lue	Average	Valu	ıe	Average	Valu	ie	Average	Valu	ıe	Average	Value	е	Average	Val	ue	Average	Value	Average
	2/9/2022	Sunny	9:45	0.50		0.25	5.90	25.90	15.9	7.44	7.45	7.4	0.17	0.17	0.2	80.60	79.70	80.2	7.79	7.71	7.8	4.32	4.32	4.2	2.30	2.
	2/9/2022	Suriny	9:50	0.50		0.25	5.90	25.90	15.9	7.44	7.45	7.4	0.17	0.17	0.2	80.60	79.70	00.2	7.79	7.71	7.0	4.32	4.32	4.3	2.20	۷.
	5/9/2022	Sunny	8:45	0.50		0.25	26.50	26.50	26.5	7.35	7.35	7.4	1.72	1.70	1.7	83.10	83.40	83.3	7.64	7.48	7.6	4.70	4.69	4.7	3.40	3.0
	3/3/2022	Suriny	8:50	0.50		0.25	26.50	26.50	20.5	7.35	7.35	7.4	1.72	1.70	1.7	83.10	83.40	00.0	7.64	7.48	7.0	4.70	4.69	4.7	3.70	3.
	7/9/2022	Cloudy	17:00	0.50		0.25	26.40	26.40	26.4	7.64	7.64	7.6	0.46	0.46	0.5	71.80	71.40	71.6	6.16	8.12	7.1	5.68	5.68	5.7	2.00	2.
	119/2022	Cidudy	17:05	0.50		0.25	26.40	26.40	20.4	7.64	7.64	7.0	0.46	0.46	0.5	71.80	71.40	71.0	6.16	8.12	7.1	5.68	5.68	3.7	2.00	۷.
	9/9/2022	Cloudy	17:00	0.50		0.25	26.40	26.40	26.4	7.64	7.64	7.6	0.46	0.46	0.5	71.80	71.40	71.6	6.16	6.12	6.1	5.68	5.68	5.7	49.00	57.
	3/3/2022	Cloudy	17:05	0.50		0.25	26.40	26.40	20.4	7.64	7.64	7.0	0.46	0.46	0.5	71.80	71.40	71.0	6.16	6.12		5.68	5.68	3.7	66.80	
	13/9/2022	Sunny	7:45	0.50		0.25	26.50	26.50	26.5	7.25	7.25	7.3	1.11	1.11	1.1	75.70	75.10	75.4	6.91	6.84	6.9	4.84	4.84	1.8	3.00	3.
	10/3/2022	Odiniy	7:50	0.50		0.25	26.50	26.50	20.5	7.25	7.25	7.5	1.11	1.11		75.70	75.10	75.4	6.91	6.84	0.5	4.84	4.84	4.0	3.20	5.
	15/9/2022	Sunny	7:30	0.50		0.25	25.00	25.00	25.0	7.42	7.42	74	0.47	0.47	0.5	76.70	76.90	76.8	6.82	6.87	6.8	4.49	4.49	4.5	2.00	2.
W1	TOTOTEGEE	Cumy	7:35	0.50		0.25	25.00	25.00	20.0	7.42	7.42	***	0.47	0.47	0.0	76.70	76.90	7 0.0	6.82	6.87	0.0	4.49	4.49	1.0	2.00	-
Wang Tong River	17/9/2022	Sunny	15:15	0.50	Middle	0.25	27.30	27.30	27.3	7.74	7.73	7.7	0.27	0.27	0.3	83.30	83.40	83.4	7.61	7.54	7.6	4.72	4.72	47	2.00	2.
(Major tributary)	1170/2022	Guiniy	15:20	0.50		0.25	27.30	27.30	27.0	7.74	7.73		0.27	0.27	0.0	83.30	83.40	00.1	7.61	7.54	7.0	4.72	4.72		2.00	-
	19/9/2022	Rainv	15:30	0.50		0.25	27.10	27.10	27.1	7.40	7.40	7.4	0.30	0.30	0.3	77.90	77.50	77.7	6.51	6.45	6.5	3.14	3.14	3.1	21.20	18.
		,	15:35	0.50		0.25	27.10	27.10		7.40	7.40		0.30	0.30		77.90	77.50		6.51	6.45		3.14	3.14		14.90	
	21/9/2022	Sunny	16:45	0.50		0.25	28.20	28.10	28.2	7.36	7.36	7.4	1.35	0.35	3.9	78.20	79.90	79.1	7.89	7.84	7.9	4.89	4.88	4.9	2.00	2.
		,	16:50	0.50		0.25	28.20	28.10		7.36	7.36		1.35	12.51		78.20	79.90		7.89	7.84		4.89	4.88		2.00	
	23/9/2022	Sunny	10:00	0.50		0.25	26.70	26.70	26.7	7.16	7.16	7.2	6.37	6.37	6.4	89.30	88.60	89.0	8.80	8.76	8.8	6.53	6.53	6.5	6.70	7.
		,	10:05	0.50		0.25	26.70	26.70		7.16	7.16		6.37	6.37		89.30	88.60		8.80	8.76		6.53	6.53		8.10	
	26/9/2022	Sunny	18:00	0.50		0.25	26.70	26.70	26.7	7.15	7.15	7.2	1.69	1.69	1.7	84.90	83.60	84.3	7.76	7.60	7.7	4.83	4.84	4.8	2.00	2.
		,	18:05	0.50		0.25	26.70	26.70		7.15	7.15		1.69	1.69		84.90	83.60		7.76	7.60		4.83	4.84		2.00	
	28/9/2022	Sunny	7:15	0.50		0.25	25.80	25.80	25.8	6.90	6.90	6.9	2.10	2.10	2.1	83.20	82.40	82.8	7.80	7.68	7.7	4.22	4.22	4.2	2.00	2.
			7:20	0.50		0.25	25.80	25.80		6.90	6.90		2.10	2.10		83.20	82.40		7.80	7.68		4.22	4.22		2.00	
	30/9/2022	Rainy	8:30	0.50		0.25	25.90	25.90	25.9	6.95	6.95	7.0	1.24	1.24	1.2	88.80	88.40	88.6	8.11	8.07	8.1	5.94	5.94	5.9	2.00	2.0
	1	ĺ ,	8:35	0.50		0.25	25.90	25.90	1	6.95	6.95		1.24	1.24		88.80	88.40		8.11	8.07		5.94	5.94		2.00	

Water Quality Monitoring at Station W2 (Middle) - Ebb Tide

	Sampling		Sampling	Water	Sampling	Sampling	Te	mperature	9	pН			Salinity		DO Satura	tion		DO		Turbid	ty	5	SS
Station Reference	Date	Weather	Time	Depth	Level	Depth		°C		-			ppt		%			mg/L		NTU		m	ıg/L
				m		m	Valu	ie .	Average	Value	Average	Va	lue	Average	Value	Average	Valu	ue Av	verage	Value	Average	Value	Average
	2/9/2022	Sunny	15:45	0.50		0.25	27.90	27.90	27.9		.59 7.6	1.20	1.20	1.2	73.70 73.2		6.56	6.53	6.5	5.34 5.		2.70	2.9
	DOZOZZ	Guiniy	15:50	0.50		0.25	27.90	27.90	27.0		.59	1.20	1.20		73.70 73.2	0	6.56	6.53	0.0	5.34 5.		3.00	
	5/9/2022	Sunny	6:45	0.50		0.25	26.50	26.50	26.5		.12 7.1	7.03	7.03	7.0	71.30 7.8		6.59	6.50	6.5	4.55 4.		2.60	
		,	6:50	0.50		0.25	26.50	26.50			.12	7.03	7.03		71.30 7.8	0	6.59	6.50		4.55 4.		2.90	_
	7/9/2022	Sunny	9:00	0.50		0.25	26.40	26.40	26.4		.31 7.3	6.15	6.15	6.2	77.20 76.8		5.81	5.71	5.8	6.82 6.		6.00	
		,	9:05	0.50		0.25	26.40	26.40			.31	6.15	6.15		77.20 76.8	_	5.81	5.71		6.82 6.		6.50	
	9/9/2022	Sunny	11:00	0.50		0.25	26.90	26.90	26.9		.55 7.6	7.29	7.29	7.3	76.00 75.9		6.48	6.38	6.4	5.01 5.		2.00	
			11:05	0.50		0.25	26.90	26.90			.55	7.29	7.29		76.00 75.9		6.48	6.38		5.01 5.		2.30	
	13/9/2022	Sunny	14:00	0.50		0.25	30.00	30.10	30.1		.60 7.6	3.14	3.14	3.1	79.90 79.2		7.13	7.05	7.1	5.50 5.		4.70	4.6
		-	14:05	0.50		0.25	30.00	30.10			.60	3.14	3.14		79.90 79.2	_	7.13	7.05		5.50 5.		4.40	
W2	15/9/2022	Sunny	14:15	0.50		0.25	29.40	29.40	29.4		.61 7.6	0.79	0.79	0.8	78.20 78.5		7.14	7.18	7.2	7.12 7.		5.20	5.4
Wang Tong River			14:20	0.50	Middle	0.25	29.40	29.40			.61	0.79	0.79		78.20 78.5	_	7.14	7.18		7.12 7.	_	5.60	
(Major tributary)	17/9/2022	Sunny	15:30	0.50		0.25	28.90	28.90	28.9		7.5	0.86	0.86	0.9	71.10 69.9	70.5	6.18	6.09	6.1	6.24 6. 6.24 6.	62	4.00	
			15:35	0.50		0.25	28.90	28.90			.47	0.86			71.10 69.9	_	6.18	6.09				4.20	
	19/9/2022	Cloudy	7:00 7:05	0.50		0.25 0.25	27.30 27.30	27.30 27.30	27.3		.43 7.4	1.22	1.22	1.2	75.80 75.0 75.80 75.0		6.58	6.52	6.6	8.44 8. 8.44 8.		2.50	
			9:00	0.50		0.25	27.00	27.00			.25	2.27	2.27		75.80 75.0 86.70 86.0	_	6.58 7.28	7.24		4.99 4.		2.60	
	21/9/2022	Sunny	9:05	0.50		0.25	27.00	27.00	27.0		.25 7.3	2.27	2.27	2.3	86.70 86.0		7.28	7.24	7.3	4.99 4.		3.00	
			10:15	0.50		0.25	26.80	26.80			.39	4.03	4.03		84.80 84.1	_	7.26	7.24		5.76 5.	_	2.80	
	23/9/2022	Sunny	10:13	0.50		0.25	26.80	26.80	26.8		.39 7.4	4.03	4.03	4.0	84.80 84.1		7.35	7.28	7.3	5.76 5.		3.10	
			12:15	0.50		0.25	28.70	28.70			.61 7.0	11.49	11.49		84.90 83.5	0	7.03	6.99		5.20 5.	20	2.00	
	26/9/2022	Sunny	12:13	0.50		0.25	28.70	28.70	28.7		.61 7.6	11.49	11.49	11.5	84.90 83.5		7.03	6.99	7.0	5.20 5.		2.00	
			13:30	0.50		0.25	28.80	28.80		7.61 7.6	1	2 .45	2.45		89.70 8 8.8		7 .62	7.50		5.44 5.44		2.00	
	28/9/2022	Sunny	13:35	0.50		0.25	28.80	28.80	28.8	7.61 7.6		2 .45	2.45	2.5	89.70 8 8.8	89.7	7.62	7.50	7.5	5.44 5.44	5.4	2.00	

Remarks: WQM for Mid-Ebb on 30 Sep was cancelled due to weather condition.

Water Quality Monitoring at Station W2 (Middle) - Flood Tide

	0 1		0	Water	0	Sampling	T	emperatur	e		pН			Salinity		DC	Saturatio	on		DO			Turbidity		S	SS
Station Reference	Sampling Date	Weather	Sampling Time	Depth	Sampling Depth	Depth		°C			-			ppt			%			mg/L			NTU		m	g/L
	Date		Tille	m	Бериі	m	Val	ue	Average	Valu	ıe	Average	Valu	ie	Average	Valu	ie	Average	Valu	ie	Average	Val	ue	Average	Value	Average
	2/9/2022	Sunny	10:00	0.50		0.25	26.30	26.30	26.3	7.37	7.37	7.4	0.48	0.48	0.5	72.70	72.40	72.6	6.59	6.54	6.6	4.38	4.38	4.4	3.00	2.9
	2/9/2022	Suriny	10:05	0.50	Ì	0.25	26.30	26.30	20.3	7.37	7.37	7.4	0.48	0.48	0.5	72.70	72.40	72.0	6.59	6.54	0.0	4.38	4.38	4.4	2.70	2.9
	5/9/2022	Sunny	9:00	0.50		0.25	26.40	26.40	26.4	7.31	7.31	7.3	6.15	6.15	6.2	77.20	76.80	77.0	5.81	5.71	5.8	6.82	6.82	6.8	2.70	2.6
	3/9/2022	Suring	9:05	0.50		0.25	26.40	26.40	20.4	7.31	7.31	7.5	6.15	6.15	0.2	77.20	76.80	77.0	5.81	5.71	0.0	6.82	6.82	0.0	2.40	2.0
	7/9/2022	Cloudy	17:15	0.50		0.25	26.60	26.60	26.6	7.38	7.38	7.4	1.40	1.40	1.4	69.90	69.40	69.7	5.96	5.90	5.9	6.32	6.32	6.3	8.60	8.5
	1/5/2022	Cidudy	17:20	0.50		0.25	26.60	26.60	20.0	7.38	7.38	7.4	1.40	1.40	1.4	69.90	69.40	05.7	5.96	5.90		6.32	6.32	0.3	8.40	0.5
	9/9/2022	Cloudy	17:15	0.50		0.25	26.60	26.60	26.6	7.38	7.38	7.4	1.40	1.40	1.4	69.90	69.40	69.7	5.96	5.90	5.9	6.32	6.32	6.3	2.00	2.0
	9/9/2022	Cloudy	17:20	0.50		0.25	26.60	26.60	20.0	7.38	7.38	7.4	1.40	1.40	1.4	69.90	69.40	05.7	5.96	5.90	0.0	6.32	6.32	0.3	2.00	2.0
	13/9/2022	Sunny	8:00	0.50		0.25	28.00	28.00	28.0	7.75	7.75	7.8	17.38	17.38		71.60	71.10	71.4	5.79	5.64	5.7	7.05	7.05	7.1	7.00	6.9
	10/3/2022	Guilly	8:05	0.50		0.25	28.00	28.00	20.0	7.75	7.75	7.0	17.38	17.38	17.4	71.60	71.10	71.4	5.79	5.64		7.05	7.05	7.1	6.70	0.5
	15/9/2022	Sunny	7:45	0.50		0.25	25.50	25.50	25.5	7.19	7.19	7.2	1.34	1.34	1.3	80.40	79.80	80.1	6.99	6.88	6.9	4.62	4.62	4.6	2.00	2.0
W2	13/9/2022	Suring	7:50	0.50		0.25	25.50	25.50	25.5	7.19	7.19	1.2	1.34	1.34	1.3	80.40	79.80	00.1	6.99	6.88	0.5	4.62	4.62	4.0	2.00	2.0
Wang Tong River	17/9/2022	Sunny	15:30	0.50	Middle	0.25	28.90	28.90	28.9	7.47	7.47	7.5	0.86	0.86	0.9	76.90	76.50	76.7	6.93	6.94	6.9	6.24	6.24	6.2	3.40	3.2
(Major tributary)	1173/2022	Guilly	15:35	0.50	middio	0.25	28.90	28.90	20.3	7.47	7.47	7.0	0.86	0.86		76.90	76.50	70.7	6.93	6.94	0.5	6.24	6.24	0.2	3.00	5.2
	19/9/2022	Rainv	15:45	0.50		0.25	27.30	27.30	27.3	7.43	7.43	7.4	1.22	1.22	1.2	75.30	75.60	75.5	6.56	6.65	6.6	8.44	8.44	8.4	7.00	6.7
	TOTOTEGEE	rturry	15:50	0.50		0.25	27.30	27.30	27.0	7.43	7.43		1.22	1.22		75.30	75.60	70.0	6.56	6.65	0.0	8.44	8.44		6.40	U.,
	21/9/2022	Sunny	17:00	0.50		0.25	28.90	28.90	28.9	7.32	7.32	7.3	2.22	2.22		79.00	78.30	78.7	6.48	6.43	6.5	6.05	6.05	6.1	2.00	2.0
	217072022	Gainiy	17:05	0.50		0.25	28.90	28.90	20.0	7.32	7.32	7.0	2.22	2.22		79.00	78.30	70.7	6.48	6.43		6.05	6.05	0	2.00	
	23/9/2022	Sunny	10:15	0.50		0.25	26.80	26.80	26.8	7.40	7.39	7.4	4.03	4.03		84.80	84.10	84.5	7.35	7.28	7.3	5.76	5.76	5.8	2.70	2.8
		,	10:20	0.50		0.25	26.80	26.80		7.40	7.39		4.03	4.03		84.80	84.10		7.35	7.28		5.76	5.76		2.80	
	26/9/2022	Sunny	18:15	0.50		0.25	27.50	27.50	27.5	7.10	7.10	7.1	3.84	3.84	3.8	82.00	80.60	81.3	7.04	6.99	7.0	5.46	5.46	5.5	2.40	2.3
		,	18:20	0.50		0.25	27.50	27.50		7.10	7.10		3.84	3.84		82.00	80.60		7.04	6.99		5.46	5.46		2.10	
	28/9/2022	Sunny	7:30	0.50		0.25	26.10	26.10	26.1	6.99	6.99	7.0	3.78	3.78		85.40	84.70	85.1	7.54	7.44	7.5	4.62	4.62	4.6	2.40	2.3
			7:35	0.50		0.25	26.10	26.10		6.99	6.99		3.78	3.78		85.40	84.70		7.54	7.44		4.62	4.62		2.20	
	30/9/2022	Rainv	8:45	0.50		0.25	26.00	26.00	26.0	7.06	7.06	7.1	1.79	1.79	1 181	86.90	86.40	86.7	7.72	7.67	7.7	6.00	5.99	6.0	2.00	2.0
		,	8:50	0.50	ĺ	0.25	26.00	26.00		7.06	7.06		1.79	1.79		86.90	86.40		7.72	7.67		6.00	5.99		2.00	1

Water Quality Monitoring at Station W4 (Middle) - Ebb Tide

	Sampling		Sampling	Water	Sampling	Sampling	Te	emperature	е		рН			Salinity		DO Satura	tion		DO		Tu	rbidity		S	SS
Station Reference	Date	Weather	Time	Depth	Level	Depth		°C			-			ppt		%			mg/L			NTU		m	.g/L
				m		m	Valu	ue	Average	Value	Α	Average	Val	ue	Average	Value	Average	Valu	ie A	Average	Value		Average	Value	Average
	2/9/2022	Sunny	16:00	0.50		0.25	28.30	28.30	28.3	7.85	7.85	7.9	3.09	3.09	3.1	72.90 72.0		6.50	6.50	6.5	6.80	6.79	6.8	5.20	5.4
	DOZOZZ	Gainiy	16:05	0.50		0.25	28.30	28.30	20.0	7.85	7.85	7.0	3.09	3.09	0.1	72.90 72.0	0	6.50	6.50	0.0	6.80	6.79	0.0	5.60	
	5/9/2022	Sunny	7:00	0.50		0.25	26.40	26.40	26.4	7.31	7.31	7.3	8.42	8.42	8.4	71.60 71.1		6.69	6.71	6.7	8.92	8.92	8.9	9.00	
		,	7:05	0.50		0.25	26.40	26.40		7.31	7.31		8.42	8.42		71.60 71.1	_	6.69	6.71	•	8.92	8.92		8.60	
	7/9/2022	Sunny	9:15	0.50		0.25	26.60	26.60	26.6	7.37	7.37	7.4	6.77	6.77	6.8	73.30 72.6		6.10	5.97	6.0	7.39	7.39	7.4	3.00	3.2
			9:20	0.50		0.25	26.60	26.60		7.37	7.37		6.77	6.77		73.30 72.6	_	6.10	5.97		7.39	7.39		3.40	<b>├</b>
	9/9/2022	Sunny	11:15	0.50		0.25	27.10	27.10	27.1	7.79	7.79	7.8	20.68	20.68	20.7	71.30 70.5		5.77	5.65	5.7	5.83	5.83	5.8	2.60	
		-	11:20	0.50		0.25	27.10	27.10		7.79	7.79		20.68	20.68		71.30 70.5		5.77	5.65		5.83	5.83		2.20	<b>├</b>
	13/9/2022	Sunny	14:15	0.50		0.25	30.80	30.70	30.8	7.79	7.79	7.8	8.66	8.66	8.7	75.40 75.8		7.47	7.41	7.4	2.05	2.05	2.1	20.40	20.7
			14:20	0.50		0.25	30.80	30.70		7.79	7.79		8.66	8.66		75.40 75.8	_	7.47	7.41		2.05	2.05		21.00	
W4	15/9/2022	Sunny	14:30	0.50		0.25 0.25	30.00	30.00	30.0	7.71 7.71	7.71	7.7	2.34	2.34	2.3	75.60 76.4 75.60 76.4		6.17	6.88	6.5	2.27	2.27	2.3	13.50 13.80	13.7
Wang Tong River (Minor tributary to Tai			14:35 15:45	0.50 0.50	Middle	0.25	30.00 29.50	30.00 29.50		7.71	7.74		2.34	2.34		73.70 72.5	_	6.17 6.45	6.40		2.27	2.16		11.60	-
Wai Yuen)	17/9/2022	Sunny	15:50	0.50		0.25	29.50	29.50	29.5	7.74	7.74	7.7	2.00	2.00	2.0	73.70 72.5		6.45	6.40	6.4	2.16	2.16	2.2	11.30	11.5
			7:15	0.50		0.25	27.90	27.90		7.74	7.74		1.15	1.15		78.20 77.5		6.45	6.49		6.18	6.18		5.60	
	19/9/2022	Cloudy	7:10	0.50		0.25	27.90	27.90	27.9	7.52	7.52	7.5	1.15	1.15	1.2	78.20 77.5		6.45	6.49	6.5	6.18	6.18	6.2	5.90	
			9:15	0.50		0.25	26.90	26.90		7.19	7.17		4.87	4.97		79.60 79.1	4	6.78	6.74		5.93	5.93		2.80	
	21/9/2022	Sunny	9:20	0.50		0.25	26.90	26.90	26.9	7.19	7.17	7.2	4.87	4.97	4.9	79.60 79.1		6.78	6.74	6.8	5.93	5.93	5.9	3.20	
			10:30	0.50		0.25	26.80	26.80		7.40	7.40		4.76	4.76		80.70 80.4	n	7.03	6.96		7.40	7.39		2.00	
	23/9/2022	Sunny	10:35	0.50		0.25	26.80	26.80	26.8	7.40	7.40	7.4	4.76	4.76	4.8	80.70 80.4		7.03	6.96	7.0	7.40	7.39	7.4	2.00	
		_	12:30	0.50		0.25	28.80	28.80		7.70	7.70		12.93	12.93		84.20 83.0	0	7.27	7.20		6.03	6.03		3.10	
	26/9/2022	Sunny	12:35	0.50		0.25	28.80	28.80	28.8	7.70	7.70	7.7	12.93	12.93	12.9	84.20 83.0		7.27	7.20	7.2	6.03	6.03	6.0	3.60	3.4
	00/0/0000	0	13:45	0.50		0.25	28.30	28.30	00.0	7.50	7.50	7.5	6.93	6.93	0.0	85.70 85.2	0 05.5	7.35	7.26	7.0	7.73	7.73		3.20	
	28/9/2022	Sunny	13:50	0.50		0.25	28.30	28.30	28.3	7.50	7.50	7.5	6.93	6.93	6.9	85.70 85.2	85.5	7.35	7.26	7.3	7.73	7.73	7.7	3.20	3.2

Remarks: WQM for Mid-Ebb on 30 Sep was cancelled due to weather condition.

Water Quality Monitoring at Station W4 (Middle) - Flood Tide

	0 1		0	Water	0	Sampling	T	emperatui	e		pН			Salinity		DC	Saturation	n		DO			Turbidity		S	SS
Station Reference	Sampling Date	Weather	Sampling Time	Depth	Sampling Depth	Depth		°C			-			ppt			%			mg/L			NTU		m	g/L
	Date		Tille	m	Берит	m	Val	ue	Average	Valu	ıe	Average	Valu	ie	Average	Valu	ıe	Average	Valu	е	Average	Valu	ue	Average	Value	Average
	2/9/2022	Sunny	10:15	0.50		0.25	26.70	26.70	26.7	7.46	7.47	7.5	1.16	1.16	1.2	74.90	74.30	74.6	6.56	6.52	6.5	6.41	6.40	6.4	4.30	4.2
	2/9/2022	Suriny	10:20	0.50	Ì	0.25	26.70	26.70	20.7	7.46	7.47	7.5	1.16	1.16	1.2	74.90	74.30	74.0	6.56	6.52	0.5	6.41	6.40	0.4	4.00	4.2
	5/9/2022	Sunny	9:15	0.50		0.25	26.60	26.60	26.6	7.37	7.37	7.4	6.77	6.77	6.8	73.30	72.60	73.0	6.10	5.97	6.0	7.39	7.39	7.4	3.00	2.9
	3/3/2022	Suriny	9:20	0.50		0.25	26.60	26.60	20.0	7.37	7.37	7.4	6.77	6.77	0.0	73.30	72.60	73.0	6.10	5.97		7.39	7.39	7.4	2.80	2.5
	7/9/2022	Cloudy	17:30	0.50		0.25	26.60	26.60	26.6	7.50	7.50	7.5	7.54	7.54	7.5	68.50	68.10	68.3	5.99	5.94	6.0	6.11	6.11	6.1	3.00	2.9
	1/9/2022	Cloudy	17:35	0.50		0.25	26.60	26.60	20.0	7.50	7.50	7.5	7.54	7.54	7.5	68.50	68.10	00.3	5.99	5.94		6.11	6.11	0.1	2.80	2.9
	9/9/2022	Cloudy	17:30	0.50		0.25	26.60	26.60	26.6	7.50	7.50	7.5	7.54	7.54	7.5	68.50	68.10	68.3	5.99	5.94	6.0	6.11	6.11	6.1	18.20	17.7
	3/3/2022	Cidudy	17:35	0.50		0.25	26.60	26.60	20.0	7.50	7.50	1.5	7.54	7.54	7.5	68.50	68.10	00.3	5.99	5.94		6.11	6.11	0.1	17.20	<del>  </del>
	13/9/2022	Sunny	8:15	0.50		0.25	28.50	28.50	28.5	7.97	7.97	8.0	22.28	22.28	22.3	70.00	69.60	69.8	5.76	5.70	5.7	9.92	9.91	9.9	8.80	8.6
	13/3/2022	Suriny	8:20	0.50		0.25	28.50	28.50	20.5	7.97	7.97	0.0	22.28	22.28	22.3	70.00	69.60	05.0	5.76	5.70		9.92	9.91	5.5	8.40	0.0
	15/9/2022	Sunny	8:00	0.50		0.25	25.50	25.50	25.5	7.34	7.34	7.3	2.29	2.29	2.3	78.70	78.60	78.7	6.71	6.77	6.7	6.42	6.42	6.4	3.80	3.9
W4	13/3/2022	Sullily	8:05	0.50		0.25	25.50	25.50	23.3	7.34	7.34	7.5	2.29	2.29	2.3	78.70	78.60	70.7	6.71	6.77	0.7	6.42	6.42	0.4	4.00	3.5
Wang Tong River	17/9/2022	Sunny	15:45	0.50	Middle	0.25	29.50	29.50	29.5	7.74	7.74	7.7	2.00	2.00	2.0	76.20	76.80	76.5	6.98	6.88	6.9	2.16	2.16	2.2	4.30	4.5
(Minor tributary to Tai	1173/2022	Odiniy	15:50	0.50	Middle	0.25	29.50	29.50	23.5	7.74	7.74	7.7	2.00	2.00	2.0	76.20	76.80	70.0	6.98	6.88	0.5	2.16	2.16	2.2	4.70	4.5
Wai Yuen)	19/9/2022	Rainv	16:00	0.50		0.25	27.90	27.90	27.9	7.52	7.52	7.5	1.15	1.15	1.2	75.20	75.60	75.4	6.35	6.64	6.5	6.18	6.18	6.2	62.00	60.7
	TOTOTEGEE	rtainy	16:05	0.50		0.25	27.90	27.90	27.0	7.52	7.52	7.0	1.15	1.15		75.20	75.60	70.1	6.35	6.64		6.18	6.18	0.2	59.30	
	21/9/2022	Sunny	17:15	0.50		0.25	27.30	27.30	27.3	7.39	7.39	7.4	2.46	2.46	2.5	82.00	81.70	81.9	6.85	6.82	6.8	5.92	5.92	5.9	2.00	2.0
	Z 1707Z0ZZ	Guiniy	17:20	0.50		0.25	27.30	27.30	27.0	7.39	7.39		2.46	2.46	2.0	82.00	81.70	01.0	6.85	6.82	0.0	5.92	5.92	0.0	2.00	
	23/9/2022	Sunny	10:30	0.50		0.25	26.80	26.80	26.8	7.40	7.40	7.4	4.70	4.76	4.7	80 .7	80.40	80.4	7 .03	6 .95	7.0	7.40	7.39	7.4	4.40	4.6
	LOFOFZOZZ	Cumy	10:35	0.50		0.25	26.80	26.80	20.0	7.40	7.40	***	4.70	4.76		80 .7	80.40	00.1	7 .03	6 .95	7.0	7.40	7.39		4.80	
	26/9/2022	Sunny	18:30	0.50		0.25	27.80	27.80	27.8	7.20	7.20	7.2	5.36	5.36	5.4	77.00	76.40	76.7	6.87	6.77	6.8	8.42	8.41	8.4	3.80	5.1
	20/0/2022	Gainiy	18:35	0.50		0.25	27.80	27.80	27.0	7.20	7.20		5.36	5.36	0.1	77.00	76.40	70.7	6.87	6.77	0.0	8.42	8.41	0.1	6.30	U
	28/9/2022	Sunny	7:45	0.50		0.25	26.00	26.00	26.0	7.13	7.13	7.1	5.28	5.28	5.3	83.40	82.90	83.2	7.24	7.15	7.2	5.55	5.55	5.6	2.60	2.6
		,	7:50	0.50	ļ	0.25	26.00	26.00	_5.0	7.13	7.13		5.28	5.28	2.0	83.40	82.90		7.24	7.15		5.55	5.55	2.0	2.60	0
	30/9/2022	Rainv	9:00	0.50		0.25	25.90	25.90	25.9	7.06	7.06	7.1	1.98	1.98	2.0	79.80	79.40	79.6	6.97	6.87	6.9	6.42	6.42	6.4	2.00	2.0
			9:05	0.50	ĺ	0.25	25.90	25.90	20.0	7.06	7.06		1.98	1.98	2.0	79.80	79.40	70.0	6.97	6.87	0.0	6.42	6.42	0	2.00	2.0

Water Quality Monitoring at Station W5 (Middle) - Ebb Tide

	Sampling		Sampling	Water	Sampling	Sampling	Te	emperature	1		рН			Salinity		DO Satur	ation		DO		-	Turbidity			SS
Station Reference	Date	Weather	Time	Depth	Level	Depth		°C			-			ppt		%			mg/L			NTU		m	ıg/L
				m		m	Valu		Average	Value	A۱	verage	Val	ue	Average	Value	Average	Val	ue	Average		е	Average	Value	Average
	2/9/2022	Sunny	16:15	0.50		0.25	28.30	28.30	28.3	8.04	8.04	8.0	6.51	6.51	6.5	70.60 70.	70.4	6.51	6.52	6.5	7.60	7.59	7.6	7.00	6.8
			16:20	0.50		0.25	28.30	28.30		8.04	8.04		6.51	6.51		70.60 70.	10	6.51	6.52		7.60	7.59		6.60	
	5/9/2022	Sunny	7:15	0.50		0.25	26.40	26.40	26.4	7.36	7.36	7.4	11.53	11.53	11.5	73.30 72.		6.74	6.58	6.7	4.97	4.97	5.0	3.70	3.5
			7:20	0.50		0.25	26.40	26.40	-	7.36	7.36		11.53	11.53		73.30 72.		6.74	6.58		4.97	4.97		3.20	
	7/9/2022	Sunny	9:30	0.50		0.25	26.70	26.70	26.7	7.49	7.49	7.5	11.67	11.67	11.7	70.20 69.		5.80	5.67	5.7	6.94	6.93	6.9	4.50	4.3
			9:35	0.50		0.25	26.70	26.70	-	7.49	7.49		11.67	11.67		70.20 69.		5.80	5.67		6.94	6.93		4.00	
	9/9/2022	Sunny	11:30	0.50		0.25	27.10	27.10	27.1	7.79	7.79	7.8	20.68	20.68	20.7	71.30 70.	70.9	5.77	5.37	5.6	5.83	5.83	5.8	3.40	3.9
		,	11:35	0.50		0.25	27.10	27.10		7.79	7.79		20.68	20.68		71.30 70.		5.77	5.37		5.83	5.83		4.40	
	13/9/2022	Sunny	14:30	0.50		0.25	30.60	30.60	30.6	7.90	7.90	7.9	12.04	12.04	12.0	79.00 79.		7.60	7.56	7.6	8.35	8.35	8.4	8.40	8.2
			14:35	0.50		0.25	30.60	30.60		7.90	7.90		12.04	12.04		79.00 79.		7.60	7.56		8.35	8.35		8.00	
W5	15/9/2022	Sunny	14:45	0.50		0.25	29.00	29.00	29.0	7.85	7.85	7.9	2.14	2.14	2.1	77.60 76.		6.55	6.84	6.7	12.30	12.30	12.3	11.30	11.2
Silvermine Bay			14:50	0.50	Middle	0.25	29.00	29.00		7.85	7.85		2.14	2.14		77.60 76.		6.55	6.84		12.30	12.30		11.00	
(Near Silvermine Bay Beach)	17/9/2022	Sunny	16:00	0.50		0.25	29.70	29.70	29.7	7.81	7.81	7.8	2.07	2.07	2.1	71.50 70.		6.17	6.06	6.1	11.30	11.30	11.3	9.50	9.7
Deacii)			16:05	0.50		0.25	29.70	29.70		7.81	7.81		2.07	2.07		71.50 70.		6.17	6.06		11.30	11.30		9.80	
	19/9/2022	Cloudy	7:30	0.50		0.25	28.00	28.00	28.0	7.47	7.47	7.5	1.89	7.89	4.9	72.80 72.		6.57	6.53	6.6	4.84	4.84	4.8	4.20	4.0
			7:35	0.50		0.25	28.00	28.00		7.47	7.47		1.89	7.89		72.80 72.		6.57	6.53		4.84	4.84		3.80	
	21/9/2022	Sunny	9:30	0.50		0.25	27.20	27.20	27.2	7.22	7.22	7.2	14.34	14.34	14.3	77.60 76.		6.21	6.15	6.2	6.31	6.31	6.3	2.00	2.0
			9:35	0.50		0.25	27.20	27.20		7.22	7.22		14.34	14.34		77.60 76.		6.21	6.15		6.31	6.31		2.00	1
	23/9/2022	Sunny	10:45	0.50		0.25	27.00	27.00	27.0	7.60 7.60	7.60	7.6	16.74 16.74	16.74 16.74	16.7	81.60 81. 81.60 81.	81.3	6.67	6.60	6.6	8.61 8.61	8.60	8.6	3.80	3.5
			10:50	0.50		0.25	27.00	27.00			7.60							6.67	6.60			8.60		3.20	1
	26/9/2022	Sunny	12:45	0.50		0.25	29.10	29.10	29.1	7.93	7.93	7.9	21.34	1.34	11.3	82.90 81.	82.3	6.62	6.57	6.6	7.67	7.67	7.7	4.80	6.3
			12:50	0.50		0.25	29.10	29.10		7.93	7.93		21.34			82.90 81.		6.62	6.57		7.67	7.67		7.80	
	28/9/2022	Sunny	14:00	0.50		0.25	28.60	28.60	28.6	7.97	7.93	8.0	20.80	20 .80	20.8	88.50 8 7.6	88.5	6.90	6.83	6.9	1.87	1.87	1.9	8.20	8.4
			14:05	0.50		0.25	28.60	28.60		7.97	7.93		20.80	20 .80		88.50 8 7.6	1	6.90	6.83		1.87	1.87		8.60	1

Remarks: WQM for Mid-Ebb on 30 Sep was cancelled due to weather condition.

Water Quality Monitoring at Station W5 (Middle) - Flood Tide

	Sampling		Sampling	Water	Sampling	Sampling	Te	emperatu	re		pН			Salinity		DO S	aturatio	n		DO			Turbidity		S	SS
Station Reference	Date	Weather	Time	Depth	Depth	Depth		°C			-			ppt			%			mg/L			NTU		m	g/L
	Date		Tillic	m	Берит	m	Val	ue	Average	Valu	ıe	Average	Valu	ie	Average	Value		Average	Value	е	Average	Val	ue	Average	Value	Average
	2/9/2022	Sunny	10:30	0.50		0.25	26.40	26.40	26.4	7.52	7.52	7.5	1.24	1.24	12	73.10	72.70	72.9	6.56	6.51	6.5	6.09	6.09	6.1	2.60	2.8
	20/2022	ourny	10:35	0.50		0.25	26.40	26.40	20	7.52	7.52	7.0	1.24	1.24		73.10	72.70	72.0	6.56	6.51	0.0	6.09	6.09	0.1	3.00	20
	5/9/2022	Sunny	9:30	0.50		0.25	26.70	26.70	26.7	7.49	7.49	7.5	11.67	11.67	11.7	70.20	69.80	70.0	5.80	5.67	5.7	6.94	6.93	6.9	2.00	2.2
			9:35	0.50		0.25	26.70	26.70		7.49	7.49		11.67	11.67		70.20	69.80		5.80	5.67		6.94	6.93		2.40	
	7/9/2022	Cloudy	17:45	0.50		0.25	26.50	26.50	26.5	7.49	7.49	7.5	2.02	2.00	2.0	269.70	69.50	169.6	5.92	5.88	5.9	5.45	5.48	5.5	7.30	7.2
			17:50	0.50		0.25	26.50	26.50		7.49	7.49		2.02	2.00		269.70	69.50		5.92	5.88		5.45	5.48		7.00	<del></del>
	9/9/2022	Cloudy	17:45	0.50		0.25	26.50	26.50	26.5	7.49	7.49	7.5	2.02	2.02	2.0	69.70	69.50	69.6	5.92.	5.88	5.9	5.45	5.45	5.5	2.00	2.1
			17:50	0.50		0.25	26.50	26.50		7.49	7.49		2.02	2.02		69.70	69.50		5.92.	5.88		5.45	5.45		2.10	<del></del>
	13/9/2022	Sunny	8:30	0.50		0.25	28.70	28.70	28.7	8.03	8.03	8.0	30.09	30.09	30.1	70.50	70.10	70.3	5.56	5.50	5.5	10.71	10.71	10.7	15.10	14.9
			8:35	0.50		0.25	28.70	28.70		8.03	8.03		30.09	30.09		70.50	70.10		5.56	5.50		10.71	10.71		14.70	
	15/9/2022	Sunny	8:15	0.50		0.25	26.20	26.20	26.2	7.44	7.44	7.4	3.85	3.85 3.85	3.9	74.40	75.90	75.2	6.89	6.82	6.9	4.69	4.69	4.7	2.40	2.3
W5 Silvermine Bav			8:20 16:00	0.50		0.25	26.20 29.70	26.20 29.70		7.44 7.81	7.44		3.85 2.07			74.40 75.10	75.90 74.80		6.89	6.82		4.69 11.30	4.69		2.20 3.70	
(Near Silvermine Bay	17/9/2022	Sunny	16:00	0.50	Middle	0.25	29.70	29.70	29.7	7.81	7.81 7.81	7.8	2.07	2.07	2.1	75.10	74.80	75.0	6.10	6.12	6.1	11.30	11.30 11.30	11.3	3.70	3.8
Beach)			16:15	0.50		0.25	28.00	28.00		7.47	7.47		1.89	1.89		75.10	75.40		6.33	6.12		4.84	4.84		42.20	
, ,	19/9/2022	Rainy	16:20	0.50		0.25	28.00	28.00	28.0	7.47	7.47	7.5	1.89	1.89	1.9	75.00	75.40	75.2	6.33	6.93	6.6	4.84	4.84	4.8	41.40	41.8
			17:30	0.50		0.25	27.50	27.50		7.49	7.47		4.05	4.05		83.00	82.40		6.99	6.92		7 25	7.25		2.00	$\overline{}$
	21/9/2022	Sunny	17:35	0.50	i	0.25	27.50	27.50	27.5	7.49	7.49	7.5	4.05	4.05	4.1	83.00	82.40	82.7	6.99	6.92	7.0	7.25	7.25	7.3	2.00	2.0
			10:45	0.50		0.25	27.00	27.00		7.60	7.60		16.74	16.74		81.60	81.60		6.67	6.60		8.61	8.60		3.80	
	23/9/2022	Sunny	10:50	0.50		0.25	27.00	27.00	27.0	7.60	7.60	7.6	16.74	16.74	16.7	81.60	81.60	81.6	6.67	6.60	6.6	8.61	8.60	8.6	3.20	3.5
			18:45	0.50		0.25	27.70	27.70		7.20	7.20		8.33	8.33		80.30	79.40		6.65	6.61		7.75	7.75		3.40	
	26/9/2022	Sunny	18:50	0.50		0.25	27.70	27.70	27.7	7.20	7.20	7.2	8.33	8.33	8.3	80.30	79.40	79.9	6.65	6.61	6.6	7.75	7.75	7.8	3.00	3.2
	28/9/2022	Sunny	8:00	0.50	1	0.25	26.10	26.10	26.1	7.17	7.17	7.2	8.22	8.22	8.2	80.00	79.30	79.7	7.22	7.15	7.2	5.03	5.03	5.0	3.30	3.4
	20/9/2022	Sunny	8:05	0.50		0.25	26.10	26.10	26.1	7.17	7.17	7.2	8.22	8.22	8.2	80.00	79.30	79.7	7.22	7.15	7.2	5.03	5.03	5.0	3.50	3.4
	30/9/2022	Rainy	9:15	0.50		0.25	26.00	26.00	26.0	7.05	7.05	7.1	4.57	4.57	4.6	78.60	78.20	78.4	6.93	6.81	6.0	7.72	7.72	7.7	4.00	4.0
	30/3/2022	ixality	9:20	0.50		0.25	26.00	26.00	26.0	7.05	7.05	7.1	4.57	4.57	4.0	78.60	78.20	70.4	6.93	6.81	6.9	7.72	7.72	7.7	4.00	4.0

Water Quality Monitoring at Station W6 (Middle) - Ebb Tide

	Sampling		Sampling	Water	Sampling	Sampling	Te	emperature		pl	Н		Salinity		DO Satur	ation		DO		1	Turbidity		5	SS
Station Reference	Date	Weather	Time	Depth	Level	Depth		°C		-			ppt		%			mg/L			NTU		m	ıg/L
				m		m	Valu	ue A	Average	Value	Avera	e ∖	alue	Average	Value	Average	Val	ue	Average	Valu	е	Average	Value	Average
	2/9/2022	Sunny	16:30	1.90		0.95	28.40	28.40	28.4	8.16	8.16	28.8		28.8	70.90 69.3	70.1	5.95	5.98	6.0	9.30	9.30	9.3	10.00	9.9
	20/2022	Guiniy	16:35	1.90		0.95	28.40	28.40	20.1		8.16	28.8		20.0	70.90 69.3	30	5.95	5.98	0.0	9.30	9.30	0.0	9.70	
	5/9/2022	Sunny	7:30	1.80		0.90	27.20	27.20	27.2		7.94 7.9	30.2		30.3	71.80 71.3		5.95	5.94	5.9	5.04	5.04	5.0	6.30	6.2
		,	7:35	1.80		0.90	27.20	27.20			7.94	30.2			71.80 71.3		5.95	5.94		5.04	5.04		6.00	
	7/9/2022	Sunny	9:45	1.70		0.85	26.70	26.70	26.7		8.12	28.6		28.7	75.80 75.3		5.70	5.58	5.6	4.71	4.71	4.7	3.30	3.3
			9:50	1.70		0.85	26.70	26.70			8.12	28.6			75.80 75.2		5.70	5.58		4.71	4.71		3.20	
	9/9/2022	Sunny	11:45	1.80		0.90	29.30	28.30	28.8		8.26	30.2		30.3	77.90 77.9	77.7	5.80	5.69	5.7	6.89	6.89	6.9	9.00	81
			11:50	1.80		0.90	29.30	28.30			8.26	30.2			77.90 77.5	_	5.80	5.69		6.89	6.89		7.20	
	13/9/2022	Sunny	14:45	1.70		0.85	30.80	30.80	30.8		8.20	30.2		30.2	73.50 71.8		7.27	6.91	7.1	9.95	9.95	10.0	11.80	11.6
			14:50	1.70		0.85	30.80	30.80			8.20	30.2			73.50 71.8		7.27	6.91		9.95	9.95		11.40	<u> </u>
W6	15/9/2022	Sunny	15:00	1.70		0.85	29.50	29.50	29.5		8.20	30.1		30.1	78.10 78.2		6.98	6.99	7.0	10.80	10.80	10.8	11.20	11.4
Silvermine Bay (Near Silvermine Bay			15:05	1.70	Middle	0.85	29.50	29.50			8.20	30.1			78.10 78.2		6.98	6.99		10.80	10.80		11.50	<u> </u>
Beach)	17/9/2022	Sunny	16:15 16:20	1.70 1.70		0.85	29.90 29.90	29.90 29.90	29.9		8.32 8.32	29.9		29.9	79.40 79.0 79.40 79.0		5.91 5.91	5.96 5.96	5.9	1.93	1.92	1.9	11.30 11.20	11.3
,			7:45	1.70		0.85	28.00	28.00			7.96	30.1			74.90 74.3		6.66	6.59		10.27	10.27		13.20	
	19/9/2022	Cloudy	7:50	1.70		0.85	28.00	28.00	28.0		7.96 8.0	30.1		30.1	74.90 74.3	74.6	6.66	6.59	6.6	10.27	10.27	10.3	17.20	15.2
			9:45	1.80		0.83	27.40	27.40			8.01	28.6			86.60 85.9	20	6.41	6.32		4.81	4.81		2.30	
	21/9/2022	Sunny	9:50	1.80		0.90	27.40	27.40	27.4		8.01	28.6		28.6	86.60 85.9		6.41	6.32	6.4	4.81	4.81	4.8	2.60	2.5
			11:00	1.70		0.85	28.50	29.50			8.06	28.9			79.30 87.	10	6.06	5.95		6.92	6.91		4.70	
	23/9/2022	Sunny	11:05	1.70		0.85	28.50	28.50	28.5		8.06	28.9		28.9	79.30 87.	83.2	6.06	5.95	6.0	6.92	6.91	6.9	4.80	4.8
		_	13:00	1.80		0.90	28.90	28.90			8.27	30.2			81.90 81.0	20	6.24	6.17		6.76	6.76		7.80	
	26/9/2022	Sunny	13:05	1.80		0.90	28.90	28.90	28.9		8.27	30.2		30.2	81.90 81.0	81.5	6.24	6.17	6.2	6.76	6.76	6.8	8.70	8.3
		_	14:15	1.90		0.95	28.40	29.40			8 26	28.9			84.10 83.4	10	6.25	6.20		9.32	9.32		9.30	
	28/9/2022	Sunny	14:20	1.90		0.95	28.40	28.40	28.4		8.26	28.9		29.0	84.10 83.4		6.25	6.20	6.2	9.32	9.32	9.3	8.90	9.1

Remarks: WQM for Mid-Ebb on 30 Sep was cancelled due to weather condition.

Water Quality Monitoring at Station W6 (Middle) - Flood Tide

	Sampling		Sampling	Water	Sampling	Sampling	Te	mperatur	е		Н			Salinity		DO	O Saturatio	n		DO			Turbidity			SS
Station Reference	Date	Weather	Time	Depth	Depth	Depth		°C			-			ppt			%			mg/L			NTU		m	ıg/L
	Date		Tillio	m	Бори	m	Valu	ie	Average	Value	A۱	verage	Valu	ıe	Average	Val	ue	Average	Val	ue	Average	Valu	ie	Average	Value	Average
	2/9/2022	Sunny	10:45	2.00		1.00	27.70	27.70	27.7	7.99	7.99	8.0	28.28	28.27	28.3	70.60	70.20	70.4	5.98	5.97	6.0	5.95	5.95	6.0	6.60	6.4
	2/3/2022	Suring	10:50	2.00		1.00	27.70	27.70	21.1	7.99	7.99	0.0	28.28	28.27	20.3	70.60	70.20	70.4	5.98	5.97	0.0	5.95	5.95	0.0	6.20	0.4
	5/9/2022	Sunny	9:45	1.70		0.85	26.70	26.70	26.7	8.12	8.12	8.1	28.66	28.66	28.7	75.80	75.20	75.5	5.70	5.58	5.6	4.71	4.71	4.7	8.10	8,2
	3/3/2022	Guilly	9:50	1.70		0.85	26.70	26.70	20.7	8.12	8.12	0.1	28.66	28.66	20.7	75.80	75.20	70.0	5.70	5.58	5.0	4.71	4.71	4.7	8.30	0.2
	7/9/2022	Cloudy	18:00	1.90		0.95	27.30	27.30	27.3	8.24	8.24	8.2	7.01	27.01	17.0	74.60	74.30	74.5	4.94	4.94	4.0	8.87	8.86	8.9	10.20	10.0
	119/2022	Cloudy	18:05	1.90		0.95	27.30	27.30	21.3	8.24	8.24	0.2	7.01	27.01	17.0	74.60	74.30	74.5	4.94	4.94	4.5	8.87	8.86	0.5	9.80	10.0
	9/9/2022	Cloudy	18:00	1.90		0.95	27.30	27.30	27.3	8.34	8.34	8.3	27.01	27.01	27.0	74.60	74.30	74.5	4.74	4.74	4.7	8.89	8.66	8.8	18.40	19.3
	3/3/2022	Cloudy	18:05	1.90		0.95	27.30	27.30	21.3	8.34	8.34	0.5	27.01	27.01	27.0	74.60	74.30	74.5	4.74	4.74	4.7	8.89	8.66	0.0	20.20	15.5
	13/9/2022	Sunny	8:45	2.20		1.10	28.10	28.10	28.1	8.09	8.09	8.1	30.99	30.99	31.0	73.10	72.90	73.0	5.61	5.48	5.5	8.79	8.79	8.8	14.80	14.5
	13/3/2022	Suriny	8:50	2.20		1.10	28.10	28.10	20.1	8.09	8.09	0.1	30.99	30.99	31.0	73.10	72.90	73.0	5.61	5.48	3.3	8.79	8.79	0.0	14.20	14.5
	15/9/2022	Sunny	8:30	1.90		0.95	27.20	27.20	27.2	8.06	8.06	8.1	30.69	30.69	30.7	78.00	77.60	77.8	6.07	6.09	6.1	8.43	8.43	8.4	8.70	8.9
W6	13/3/2022	Suring	8:35	1.90		0.95	27.20	27.20	21.2	8.06	8.06	0.1	30.69	30.69	30.7	78.00	77.60	11.0	6.07	6.09	0.1	8.43	8.43	0.4	9.00	0.5
Silvermine Bay	17/9/2022	Sunny	10:15	1.80	Middle	0.90	29.50	29.50	29.5	8.12	8.12	8.1	30.06	30.07	30.1	72.90	72.40	72.7	6.61	6.56	6.6	8.98	8.98	9.0	9.40	
(Near Silvermine Bay	1173/2022	Guilly	10:20	1.80	Wilduic	0.90	29.50	29.50	23.5	8.12	8.12	0.1	30.06	30.07	30.1	72.90	72.40	12.1	6.61	6.56	0.0	8.98	8.98	3.0	9.80	
Beach)	19/9/2022	Rainv	16:30	1.80		0.90	28.50	28.50	28.5	8.10	8.10	8.1	29.77	29.77	29.8	75.40	74.00	74.7	6.67	6.36	6.5	2.15	2.15	2.2	13.50	16.4
	TOTOTEGEE	rtainy	16:35	1.80		0.90	28.50	28.50	20.0	8.10	8.10	0.1	29.77	29.77	20.0	75.40	74.00		6.67	6.36	0.0	2.15	2.15		19.20	10.1
	21/9/2022	Sunny	17:45	2.00		1.00	28.10	28.10	28.1	8.17	8.17	8.2	26.45	26.45	26.5	86.40	85.30	85.9	6.72	6.62	6.7	9.18	9.18	9.2	8.40	
	LITOTEGEE	Guiniy	17:50	2.00		1.00	28.10	28.10	20.1	8.17	8.17	0.2	26.45	26.45	20.0	86.40	85.30	00.0	6.72	6.62	0.7	9.18	9.18	0.2	8.80	
	23/9/2022	Sunny	11:00	1.70		0.85	29.00	29.00	29.0	8.15	8.15	8.2	30.17	30.17	30.2	77.60	77.20	77.4	6.06	5.94	6.0	6.34	6.33	6.3	12.70	12.9
	LOFOFLOLL	Guiniy	11:05	1.70		0.85	29.00	29.00	20.0	8.15	8.15	0.2	30.17	30.17	00.2	77.60	77.20		6.06	5.94	0.0	6.34	6.33	0.0	13.00	12.0
	26/9/2022	Sunny	19:00	2.10		1.05	29.20	29.20	29.2	8.26	8.26	8.3	29.20	29.20	29.2	86.90	85.90	86.4	6.48	6.33	6.4	9.64	9.63	9.6	10.80	11.0
	LOFOFEGEE	Guiniy	19:05	2.10		1.05	29.20	29.20	LOIL	8.26	8.26	0.0	29.20	29.20	20.2	86.90	85.90	00.1	6.48	6.33	0.1	9.64	9.63	0.0	11.10	11.0
	28/9/2022	Sunny	8:15	2.10		1.05	27.70	27.70	27.7	8.02	8.02	8.0	28.99	28.99	29.0	79.40	78.60	79.0	6.38	6.26	6.3	6.16	6.16	6.2	7.10	7.4
			8:20	2.10		1.05	27.70	27.70		8.02	8.02	0.0	28.99	28.99	20.0	79.40	78.60	70.0	6.38	6.26	0.0	6.16	6.16	0.2	7.60	
	30/9/2022	Rainv	8:00	1.60		0.80	28.10	28.10	28.1	7.72	7.72	7.7	29.27	29.27	29.3	73.50	72.80	73.2	6.00	5.96	6.0	8.56	8.56	8.6	6.00	
	00,0,2022	. carry	8:05	1.60		0.80	28.10	28.10	20.1	7.72	7.72	,.,	29.27	29.27	23.5	73.50	72.80	70.2	6.00	5.96	0.0	8.56	8.56	0.0	6.30	0.2

Water Quality Monitoring at Station W7 (Middle) - Ebb Tide

	Sampling		Sampling	Water	Sampling	Sampling	Temperat	ure		pН			Salinity		DO S	Saturation			DO			Turbidity		SS	
Station Reference	Date	Weather	Time	Depth	Level	Depth	°C			-			ppt			%			mg/L			NTU		mg/L	
				m		m	Value	Average	Value	e /	Average	Valu		Average	Value	A٠	verage	Valu	ue A	Average	Valu	ıe	Average	Value A	verage
	2/9/2022	Sunny	16:45	2.80		1.40	28.60 28.6		8.14	8.15	8.1	28.76	28.76	28.8	67.30	67.00	67.2	5.97	5.94	6.0	7.85	7.85	7.9	8.80	8.6
		,	16:50	2.80		1.40	28.60 28.6	)	8.14	8.15		28.76	28.76		67.30	67.00	***	5.97	5.94		7.85	7.85		8.40	
	5/9/2022	Sunny	7:45	2.70		1.35	27.30 27.3		7.98	7.98	8.0	30.56	30.56	30.6	71.10	70.80	71.0	5.97	5.97	6.0	5.59	5.59	5.6	13.10	12.9
		,	7:50	2.70		1.35	27.30 27.3	)	7.98	7.98		30.56	30.56		71.10	70.80		5.97	5.97		5.59	5.59		12.60	
	7/9/2022	Sunny	10:00	2.60		1.30	26.50 26.5		8.18	8.18	8.2	30.75	30.75	30.8	73.80	73.30	73.6	5.73	5.60	5.7	5.49	5.49	5.5	4.60	4.8
			10:05	2.60		1.30	26.50 26.5		8.18	8.18		30.75	30.75		73.80	73.30		5.73	5.60	_	5.49	5.49		5.00	
	9/9/2022	Sunny	12:00	2.70		1.35	28.90 28.9		8.28	8.28	8.3	31.06	31.06	31.1	77.30	76.80	77.1	5.73	5.66	5.7	5.67	5.67	5.7	6.30	6.9
		,	12:05	2.70		1.35	28.90 28.9	)	8.28	8.28		31.06	31.06		77.30	76.80		5.73	5.66		5.67	5.67		7.50	
	13/9/2022	Sunnv	15:00	2.60		1.30	31.00 31.0		8.20	8.20	8.2	30.67	30.67	30.7	78.60	77.80	78.2	7.26	7.21	7.2	7.00	7.00	7.0	7.80	7.8
		,	15:05	2.60		1.30	31.00 31.0		8.20	8.20		30.67	30.67		78.60	77.80		7.26	7.21		7.00	7.00		7.80	
W7	15/9/2022	Sunny	15:15	2.70		1.35	30.50 30.5		8.20	8.20	8.2	30.38	30.38	30.4	76.30	75.40	75.9	6.14	6.10	6.1	10.70	10.70	10.7	13.40	13.6
Silvermine Bay			15:20	2.70	Middle	1.35	30.50 30.5		8.20	8.20		30.38	30.38		76.30	75.40		6.14	6.10		10.70	10.70		13.80	
(Open Water)	17/9/2022	Sunnv	16:30	2.70		1.35	30.30 30.3	30.3	8.42	8.42	8.4	30.51	30.51	30.5	75.10	75.40	75.3	6.07	6.17	6.1	7.52	7.52	7.5	10.20	10.0
			16:35	2.70		1.35	30.30 30.3		8.42	8.42		30.51	30.51		75.10	75.40		6.07	6.17		7.52	7.52		9.80	
	19/9/2022	Cloudy	8:00	2.60		1.30	28.10 28.1		8.10	8.10	8.1	30.26	30.26	30.3	75.50	75.90	75.7	6.62	6.64	6.6	6.81	6.80	6.8	10.20	10.0
			8:05	2.60		1.30	28.10 28.1		8.10	8.10		30.26	30.26		75.50	75.90		6.62	6.64		6.81	6.80		9.80	
	21/9/2022	Sunny	10:00	2.70		1.35	27.60 27.6		8.09	8.09	8.1	29.26	29.26	29.3	78.60	78.20	78.4	5.90	5.83	5.9	6.06	6.06	6.1	3.10	3.0
			10:05	2.70		1.35	27.60 27.6		8.09	8.09		29.26	29.26		78.60	78.20		5.90	5.83		6.06	6.06		2.80	
	23/9/2022	Sunny	11:15	2.60		1.30	29.00 29.0		8.15	8.15	8.2	30.17	30.17	30.2	77.60	77.20	77.4	6.06	5.94	6.0	6.34	6.33	6.3	6.80	6.5
			11:20	2.60		1.30	29.00 29.0		8.15	8.15		30.17	30.17		77.60	77.20		6.06	5.94		6.34	6.33		6.20	
	26/9/2022	Sunny	13:15	2.80		1.40	28.90 28.9		8.27	8.27	8.3	30.55	30.55	30.6	79.90	79.10	79.5	6.07	5.96	6.0	6.87	6.88	6.9	6.80	7.0
			13:20	2.80		1.40	28.90 28.9		8.27	8.27		30.55	30.55		79.90	79.10		6.07	5.96		6.87	6.88		7.10	
	28/9/2022	Sunny	14:30	2.90		1.45	28.60 28.6		8.24	8.25	8.2	30.30	30.30	30.3	82.70	81.30	82.0	6.16	6.03	6.1	9.77	9.77	9.8	11.00	11.3
		· ·	14:35	2.90		1.45	28.60 28.6	)	8.24	8.25		30.30	30.30		82.70	81.30		6.16	6.03		9.77	9.77		11.60	

Remarks: WQM for Mid-Ebb on 30 Sep was cancelled due to weather condition.

Water Quality Monitoring at Station W7 (Middle) - Flood Tide

	Sampling		Sampling	Water	Sampling	Sampling	Te	emperatur	е		рН			Salinity		DO	O Saturatio	n		DO			Turbidity		5	SS
Station Reference	Date	Weather	Time	Depth	Depth	Depth		°C			-			ppt			%			mg/L			NTU		m	ng/L
	Bato			m	Борин	m	Valu	ue	Average	Value	1	Average	Valu	ıe	Average	Val	ue	Average	Val	lue	Average	Valu	ie	Average	Value	Averag
	2/9/2022	Sunny	11:00	2.90		1.45	28.10	28.10	28.1	8.03	8.03	8.0	28.65	28.65	28.7	70.10	69.90	70.0	5.91	5.90	5.9	6.76	6.76	6.8	7.40	7
	2/3/2022	Guilly	11:05	2.90		1.45	28.10	28.10	20.1	8.03	8.03	0.0	28.65	28.65	20.7	70.10	69.90	70.0	5.91	5.90	0.0	6.76	6.76	0.0	7.80	,
	5/9/2022	Sunny	10:00	2.60		1.30	26.50	26.50	26.5	8.18	8.18	8.2	30.75	30.75	30.8	73.80	73.30	73.6	5.73	5.60	5.7	5.49	5.49	5.5	6.70	
			10:05	2.60		1.30	26.50	26.50		8.18	8.18		30.75	30.75		73.80	73.30		5.73	5.60	*	5.49	5.49		6.60	
	7/9/2022	Cloudy	18:15	2.80		1.40	27.60	27.60	27.6	8.36	8.36	8.4	30.16	30.16	30.2	72.90	72.50	72.7	5.62	5.53	5.6	9.05	9.05	9.1	9.60	4
		,	18:20	2.80		1.40	27.60	27.60		8.36	8.36		30.16	30.16		72.90	72.50		5.62	5.53	***	9.05	9.05	***	10.00	
	9/9/2022	Cloudy	18:15	2.80		1.40	27.60	27.60	27.6	8.36	8.36	8.4	30.16	30.16	30.2	72.90	72.50	72.7	5.62	5.53	5.6	9.05	9.05	9.1	7.70	4
			18:20	2.80		1.40	27.60	27.60		8.36	8.36		30.16	30.16		72.90	72.50		5.62	5.53		9.05	9.05		8.00	
	13/9/2022	Sunny	9:00	3.10		1.55	28.20	28.20	28.2	8.08	8.08	8.1	30.81	30.81	30.8	70.60	70.30	70.5	5.49	5.40	5.4	6.42	6.42	6.4	10.10	1
			9:05	3.10		1.55	28.20	28.20		8.08	8.08		30.81	30.81		70.60	70.30		5.49	5.40		6.42	6.42		10.50	_
	15/9/2022	Sunny	8:45	2.90		1.45	27.20	27.20	27.2	8.06	8.06	8.1	30.69	30.69	30.7	75.90	75.80	75.9	6.21	5.98	6.1	6.95	6.95	7.0	8.40	4
W7			8:50	2.90		1.45	27.20	27.20		8.06	8.06		30.69	30.69		75.90	75.80		6.21	5.98		6.95	6.95		8.80	₩
Silvermine Bay	17/9/2022	Sunny	10:30 10:35	2.80	Middle	1.40	30.10 30.10	30.10 30.10	30.1	8.20 8.20	8.20 8.20	8.2	30.71 30.71	30.71	30.7	73.80 73.80	72.90	73.4	6.67 6.67	6.60	6.6	8.68 8.68	8.68 8.68	8.7	11.40 11.60	
(Open Water)			16:45	2.80		1.40	28.80	28.80		8.20	8.20		30.71	30.71		73.80	72.90 73.60		6.51	6.65		2.12	2.11		25.60	+
	19/9/2022	Rainy	16:50	2.70		1.35	28.80	28.80	28.8	8.19	8.19	8.2	30.25	30.25	30.3	73.00	73.60	73.3	6.51	6.65	6.6	2.12	2.11	2.1	17.00	2
			18:00	2.70		1.45	28.30	298.30		8.26	8.26		29.36	29.35		86.00	85.40		6.50	6.40		7.38	7.38		8.90	
	21/9/2022	Sunny	18:05	2.90		1.45	28.30	298.30	163.3	8.26	8.26	8.3	29.36	29.35	29.4	86.00	85.40	85.7	6.50	6.40	6.5	7.38	7.38	7.4	8.20	
			11:15	2.60		1.30	28.70	28.70		8.23	8.23		30.26	30.26		84.90	84.50		6.22	6.11		6.89	6.88		8.60	
	23/9/2022	Sunny	11:20	2.60		1.30	28.70	28.70	28.7	8.23	8.23	8.2	30.26	30.26	30.3	84.90	84.50	84.7	6.22	6.11	6.2	6.89	6.88	6.9	8.80	1 1
			19:15	3.10		1.55	29.20	29.20		8.33	8.33		30.50	30.50		84.40	83.80		6.35	6.26		8.83	8.82		8.20	
	26/9/2022	Sunny	19:20	3.10		1.55	29.20	29.20	29.2	8.33	8.33	8.3	30.50	30.50	30.5	84.40	83.80	84.1	6.35	6.26	6.3	8.83	8.82	8.8	8.20	1
	00/0/000	_	8:30	3.10		1.55	27.60	27.60		8.09	8.09		30.46	30.46		74.30	73.30	70.0	5.86	8.78		8.44	8.44		13.80	T
	28/9/2022	Sunny	8:35	3.10		1.55	27.60	27.60	27.6	8.09	8.09	8.1	30.46	30.46	30.5	74.30	73.30	73.8	5.86	8.78	7.3	8.44	8.44	8.4	13.40	1
	00/0/0000	Daine	8:15	2.60		1.30	28.30	28.30	20.0	7.82	7.82	7.0	30.25	30.25	20.0	81.00	80.00	00.5	5.91	5.78	5.0	8.50	8.50	0.5	9.10	Ι.
	30/9/2022	Rainy	8:20	2.60		1.30	28.30	28.30	28.3	7.82	7.82	7.8	30.25	30.25	30.3	81.00	80.00	80.5	5.91	5.78	5.8	8.50	8.50	8.5	8.80	9

Water Quality Monitoring at Station W8 (Surface) - Ebb Tide

Station Reference	Sampling	Weather	Sampling	Water Depth	Sampling	Sampling Depth	Te	emperatur	e		рН			Salinity			aturation	1		DO		Turbidity		SS
Station Reference	Date	weather	Time	<u> </u>	Level			°C						ppt			%			mg/L		NTU		mg/L
				m		m	Valu		Average	Valu		Average	Val		Average	Value	_	Average	Val				Average	Value Average
	2/9/2022	Sunny	17:00	3.80		1.00	28.50	28.50	28.5	8.19	8.19	8.2	29.23	29.23	29.2		69.80	70.4	5.90	5.90 5.9	8.12	8.12	8.1	8.90
			17:05	3.80		1.00	28.50	28.50		8.19	8.19		29.23	29.23			69.80		5.90	5.90	8.12	8.12		8.60
	5/9/2022	Sunny	8:00	3.70		1.00	27.30	27.30	27.3	8.01	8.01	8.0	30.64	30.64	30.6		71.90	72.3	5.97	5.94 6.0	4.39	4.39	4.4	5.00 5.1
			8:05	3.70		1.00	27.30	27.30		8.01	8.01		30.64	30.64			71.90		5.97	5.94	4.39	4.39		5.10
	7/9/2022	Sunny	10:15	3.60		1.00	26.50	26.50	26.5	8.23	8.23	8.2	30.85	30.85	30.9		74.40	74.6	5.62	5.52 5.6	6.64	6.64	6.6	7.00 6.9
			10:20	3.60		1.00	26.50	26.50		8.23	8.23		30.85	30.85		74.70	74.40		5.62	5.52	6.64	6.64		6.80
	9/9/2022	Sunny	12:15	3.70		1.00	28.40	28.40	28.4	8.29	8.29	8.3	31.09	31.09	31.1		75.80	76.0	5.76	5.76 5.8	6.09	6.09	6.1	5.40 6.6
			12:20	3.70	4	1.00	28.40	28.40		8.29	8.29		31.09	31.09			75.80		5.76	5.76	6.09	6.09		7.80
	13/9/2022	Sunny	15:15	3.60	4	1.00	30.90	30.90	30.9	8.10	8.10	8.1	30.58	30.58	30.6		76.30	76.6	6.93	6.86	7.70	7.70	7.7	14.30
			15:20	3.60	4	1.00	30.90	30.90		8.10	8.10		30.58	30.58			76.30		6.93	6.86	7.70	7.70		14.70
W8	15/9/2022	Sunny	15:30	3.70	4	1.00	29.70	29.70	29.7	8.26	8.26	8.3	30.70	30.70	30.7		83.50	83.1	7.01	7.04 7.0	10.60	10.70	10.7	14.80
Silvermine Bay			15:35	3.70	Surface	1.00	29.70	29.70		8.26	8.26		30.70	30.70		82.60	83.50		7.01	7.04	10.60	10.70		15.20
(Open Water)	17/9/2022	Sunny	16:45	3.70	4	1.00	29.90	29.90	29.9	8.46	8.46	8.5	30.48	30.48	30.5		76.60	76.6	6.63	6.43 6.5	8.16	8.16	8.2	8.00
			16:50	3.70		1.00	29.90	29.90		8.46	8.46		30.48	30.48			76.60		6.63	6.43	8.16	8.16		8.60
	19/9/2022	Cloudy	8:15	3.60	1	1.00	28.20	28.20	28.2	8.14	8.14	8.1	30.78	30.78	30.8		75.70	75.4	6.50	6.55	6.77	6.77	6.8	10.60
			8:20	3.60	4	1.00	28.20	28.20		8.14	8.14		30.78	30.78			75.70		6.50	6.55	6.77	6.77		10.90
	21/9/2022	Sunny	10:15	3.70		1.00	27.70	27.70	27.7	8.15	8.15	8.2	29.56	29.60	29.6		80.50	80.7	6.17	6.08	5.07	5.07	5.1	6.80 7.4
			10:20	3.70		1.00	27.70	27.70		8.15	8.15		29.56	29.60		80.90	80.50		6.17	6.08	5.07	5.07		8.00
	23/9/2022	Sunny	11:30	3.60		1.00	28.70	28.70	28.7	8.23	8.23	8.2	30.26	30.26	30.3		84.50	84.7	6.22	6.11 6.2	6.89	6.88	6.9	6.80
		,	11:35	3.60		1.00	28.70	28.70		8.23	8.23		30.26	30.26		84.90	84.50		6.22	6.11	6.89	6.88		8.10
	26/9/2022	Sunny	13:30	3.80		1.00	28.90	28.90	28.9	8.31	8.31	8.3	30.61	30.61	30.6		84.20	84.8	5.95	5.90 5.9	5.68	5.68	5.7	4.70 6.4
		,	13:35	3.80		1.00	28.90	28.90		8.31	8.31		30.61	30.61			84.20		5.95	5.90	5.68	5.68		8.00
	28/9/2022	Sunny	14:45	3.90		1.00	28.40	28.40	28.4	8.30	8.30	8.3	30.51	30.51	30.5		78.00	78.5	6.18	6.09 6.1	9.47	9.47	9.5	10.80
			14:50	3.90		1.00	28.40	28.40		8.30	8.30		30.51	30.51		78.90	78.00		6.18	6.09	9.47	9.47		10.50

Remarks: WQM for Mid-Ebb on 30 Sep was cancelled due to weather condition.

Water Quality Monitoring at Station W8 (Surface) - Flood Tide

	Sampling		Sampling	Water	Sampling	Sampling	Te	emperatur	е	F	Н			Salinity		D	O Saturatio	n		DO		7	Furbidity		S	SS
Station Reference	Date	Weather	Time	Depth	Depth	Depth		°C			-			ppt			%			mg/L			NTU		m/	g/L
	Balo		10	m	Борин	m	Vali	ue	Average	Value	A	Average	Va	lue	Average	Va	lue	Average	Va	lue	Average	Valu	е	Average	Value	Average
	2/9/2022	Sunny	11:15	3.90		1.00	27.90	27.90	27.9	8.08	8.08	8.1	28.90	28.90	28.9	69.50	69.10	69.3	5.96	5.91	5.9	5.62	5.62	5.6	6.60	6.5
	Z/O/ZOZZ	ouy	11:20	3.90		1.00	27.90	27.90	21.0	8.08	8.08	0.1	28.90	28.90	20.0	69.50	69.10	00.0	5.96	5.91	0.0	5.62	5.62	0.0	6.40	0.0
	5/9/2022	Sunnv	10:15	3.60		1.00	26.50	26.50	26.5	8.23	8.23	8.2	30.85	30.85	30.9	74.70	74.40	74.6	5.62	5.52	5.6		6.64	6.6	5.20	5.4
		,	10:20	3.60		1.00	26.50	26.50		8.23	8.23		30.85	30.85		74.70	74.40		5.62	5.52		6.64	6.64		5.60	
	7/9/2022	Cloudy	18:30	3.80		1.00	27.60	27.60	27.6	8.38	8.38	8.4	30.72	30.72	30.7	77.20	76.60	76.9	5.85	5.70	5.8	8.08	8.08	8.1	9.90	9.8
		,	18:35	3.80		1.00	27.60	27.60		8.38	8.38		30.72	30.72		77.20	76.60		5.85	5.70		8.08	8.08		9.60	
	9/9/2022	Cloudy	18:30	3.80		1.00	27.60	27.60	27.6	8.38	8.38	8.4	30.72	30.72	30.7	77.20	76.60	76.9	5.85	5.70	5.8	8.08	8.08	8.1	6.00	5.6
		-	18:35	3.80		1.00	27.60	27.60		8.38	8.38	-	30.72	30.72		77.20	76.60		5.85	5.70		8.08	8.08		5.20	
	13/9/2022	Sunny	9:15	4.10	ł	1.00	28.10	28.10	28.1	8.10	8.10	8.1	30.96	30.96 30.96	31.0	73.50	73.50	73.5	13.10	12.90	13.0	7.60	7.59	7.6	9.80	10.0
			9:20 9:00	4.10 3.90		1.00	28.10 27.20	28.10 27.20		8.10 8.11	8.10 8.11	-	30.96 30.66	30.96	-	73.50 75.40	73.50 75.00		13.10 5.98	12.90 5.97		6.52	7.59 6.52		10.10 12.80	-
	15/9/2022	Sunny	9:05	3.90		1.00	27.20	27.20	27.2	8.11	8.11	8.1	30.66	30.66	30.7	75.40	75.00	75.2	5.98	5.97	6.0	6.52	6.52	6.5	12.00	12.5
W8			10:45	3.80		1.00	29.60	29.60		8.23	8.23		30.81	30.81		74.10	73.20		5.62	5.58		7.96	7.96		12.20	
Silvermine Bay	17/9/2022	Sunny	10:50	3.80	Surface	1.00	29.60	29.60	29.6	8.23	8.23	8.2	30.81	30.81	30.8	74.10	73.20	73.7	5.62	5.58	5.6	7.96	7.96	8.0	12.70	12.5
(Open Water)			17:00	3.70		1.00	28.60	28.60		8.24	8.24		29.98	29.99		74.10	74.80		6.75	6.70		10.10	10.10		12.00	
	19/9/2022	Rainy	17:05	3.70	1	1.00	28.60	28.60	28.6	8.24	8.24	8.2	29.98	29.99	30.0	74.10	74.80	74.5	6.75	6.70	6.7	10.10	10.10	10.1	11.40	11.7
	04/0/0000	0	18:15	3.90		1.00	28.10	28.10	00.4	8.34	8.34	0.0	29.36	29.36	29.4	84.70	84.00	84.4	6.24	6.14	0.0	5.94	5.94		8.80	0.5
	21/9/2022	Sunny	18:20	3.90		1.00	28.10	28.10	28.1	8.34	8.34	8.3	29.36	29.36	29.4	84.70	84.00	84.4	6.24	6.14	6.2	5.94	5.94	5.9	8.20	8.5
	23/9/2022	Sunnv	11:30	3.60		1.00	28.74	28.70	28.7	8.24	8.23	8.2	30.26	830.26	430.3	84.90	84.50	84.7	6.22	6.11	6.2	6.89	6.88	6.9	6.20	6.4
	23/3/2022	Suriny	11:35	3.60		1.00	28.74	28.70	20.7	8.24	8.23	0.2	30.26	830.26	430.3	84.90	84.50	04.7	6.22	6.11	0.2	6.89	6.88	0.5	6.60	0.4
	26/9/2022	Sunny	19:30	4.10		1.00	29.20	29.20	29.2	8.43	8.43	8.4	30.47	30.47	30.5	82.90	82.00	82.5	6.19	6.10	6.1	5.94	5.94	5.9	8.00	8.2
	20/0/2022	ouy	19:35	4.10		1.00	29.20	29.20	20.2	8.43	8.43	0	30.47	30.47	00.0	82.90	82.00	02.0	6.19	6.10	0.1	5.94	5.94	0.0	8.30	0.2
	28/9/2022	Sunny	8:45	4.10		1.00	27.90	27.90	27.9	8.10	8.10	8.1	30.16	30.16	30.2	79.70	79.20	79.5	5.99	5.92	6.0	8.08	8.07	8.1	9.90	9.7
		,	8:50	4.10	l	1.00	27.90	27.90		8.10	8.10		30.16	30.16		79.70	79.20		5.99	5.92		8.08	8.07		9.50	
	30/9/2022	Rainy	8:30	3.60		1.00	27.90	27.90	27.9	7.85	7.85	7.9	29.95	29.96	30.0	79.10	78.30	78.7	5.81	5.71	5.8	6.63	6.63	6.6	5.80	6.0
			8:35	3.60		1.00	27.90	27.90		7.85	7.85		29.95	29.96		79.10	78.30		5.81	5.71		6.63	6.63		6.20	i .

Water Quality Monitoring at Station W8 (Bottom) - Ebb Tide

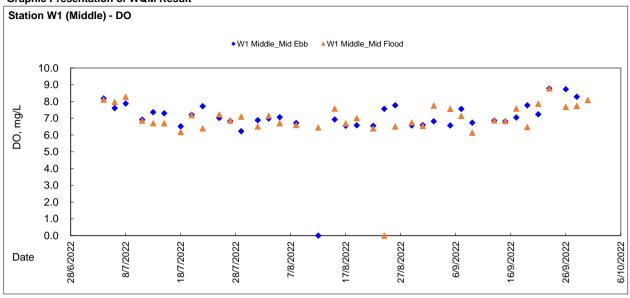
	Sampling		Sampling	Water	Sampling	Sampling	Te	emperature			рН			Salinity		DO Sa	turation	ı		DO		Т	urbidity		S	SS
Station Reference	Date	Weather	Time	Depth	Level	Depth		°C			-			ppt			%			mg/L			NTU		mg	g/L
	Dato			m	2010	m	Valu	ue A	Average	Value		Average	Val	ue	Average	Value		Average	Valu	ıe	Average	Value	9	Average	Value	Average
	2/9/2022	Sunny	17:10	3.80		2.80	28.30	28.30	28.3	8.18	8.18	0.2	29.34	29.34	29.3	76.20	76.00	76.1	5.91	5.95	5.9	7.53	7.54	7.5	8.60	8.5
	2/9/2022	Suriny	17:15	3.80		2.80	28.30	28.30	20.3	8.18	8.18	0.2	29.34	29.34	29.3	76.20	76.00	70.1	5.91	5.95	5.9	7.53	7.54	7.5	8.30	0.0
	5/9/2022	Sunny	8:10	3.70		2.70	27.40	27.40	27.4	8.01	8.01	8.0	30.73	30.73	30.7	73.30	72.70	73.0	5.97	5.99	6.0	5.00	5.00	5.0	6.00	5.9
	3/3/2022	Suriny	8:15	3.70		2.70	27.40	27.40	21.4	8.01	8.01	0.0	30.73	30.73	30.7	73.30	72.70	73.0	5.97	5.99	0.0	5.00	5.00	3.0	5.80	3.5
	7/9/2022	Sunny	10:25	3.60		2.60	26.50	26.50	26.5	8.23	8.23	8.2	30.82	30.82	30.8		76.40	76.8	6.12	5.84	6.0	6.98	6.97	7.0	5.50	5.7
	77072022	ourny	10:30	3.60		2.60	26.50	26.50	20.0	8.23	8.23	0.2	30.82	30.82	00.0		76.40	7 0.0	6.12	5.84	0.0	6.98	6.97		5.90	0.7
	9/9/2022	Sunny	12:55	3.70		2.70	28.40	28.40	28.4	8.29	8.29	8.3	31.09	31.09	31.1		75.20	75.6	5.72	5.52	5.6	5.88	5.89	5.9	5.80	6.8
	OFOFECEE	Guiniy	13:00	3.70		2.70	28.40	28.40	20	8.29	8.29	0.0	31.09	31.09	01	75.90	75.20	70.0	5.72	5.52	0.0	5.88	5.89	0.0	7.80	0.0
	15/9/2022	Sunny	15:40	3.70		2.70	29.40	29.40	29.4	8.23	8.23	8.2	30.77	30.77	30.8		75.50	75.5	6.81	6.82	6.8	8.65	8.65	8.7	9.50	9.3
W8		,	15:45	3.70		2.70	29.40	29.40		8.23	8.23		30.77	30.77		75.40	75.50		6.81	6.82		8.65	8.65		9.10	
Silvermine Bay	17/9/2022	Sunny	16:55	3.70	Bottom	2.70	29.60	29.60	29.6	8.41	8.41	8.4	30.74	30.74	30.7		74.30	74.6	6.25	6.20	6.2	7.92	7.92	7.9	8.80	9.0
(Open Water)	1170/2022	ourny	17:00	3.70	Dottom	2.70	29.60	29.60	20.0	8.41	8.41	0. 1	30.74	30.74	00.7		74.30	7 1.0	6.25	6.20	0.2	7.92	7.92		9.10	0.0
, , , ,	19/9/2022	Cloudy	8:25	3.60		2.60	28.10	28.10	28.1	8.15	8.15	8.2	30.82	30.82	30.8		73.90	73.9	5.97	6.19	6.1	7.21	7.21	7.2	10.50	10.4
		0.000,	8:30	3.60		2.60	28.10	28.10		8.15	8.15		30.82	30.82			73.90		5.97	6.19	***	7.21	7.21		10.20	
	21/9/2022	Sunny	10:25	3.70		2.70	27.40	27.40	27.4	8.17	8.17	8.2	29.60	29.60	29.6		80.70	81.1	6.13	6.09	6.1	6.19	6.19	6.2	6.30	6.5
		,	10:30	3.70		2.70	27.40	27.40		8.17	8.17		29.60	29.60			80.70	•	6.13	6.09	***	6.19	6.19		6.70	
	23/9/2022	Sunny	11:40	3.60		2.60	28.60	28.60	28.6	8.24	8.24	8.2	30.34	30.34	30.3		82.00	82.5	6.03	5.94	6.0	6.51	6.51	6.5	6.80	7.4
		,	11:45	3.60		2.60	28.60	28.60		8.24	8.24	- 1	30.34	30.34			82.00		6.03	5.94		6.51	6.51		8.00	
	26/9/2022	Sunny	13:40	3.80		2.80	28.70	28.70	28.7	8.19	8.19	8.2	30.71	30.71	30.7		77.20	77.6	5.88	5.72	5.8	7.53	7.53	7.5	8.00	7.5
		,	13:45	3.80		2.80	28.70	28.70		8.19	8.19		30.71	30.71			77.20		5.88	5.72		7.53	7.53		7.00	
	28/9/2022	Sunny	14:55	3.90		2.90	28.10	28.10	28.1	8.26	8.26	8.3	30.62	30.62	30.6		80.90	81.3	6.15	6.06	6.1	9.18	9.18	9.2	13.00	12.8
		,	15:00	3.90		2.90	28.10	28.10		8.26	8.26	· ·	30.62	30.62		81.70	80.90	-	6.15	6.06		9.18	9.18		12.50	1 —

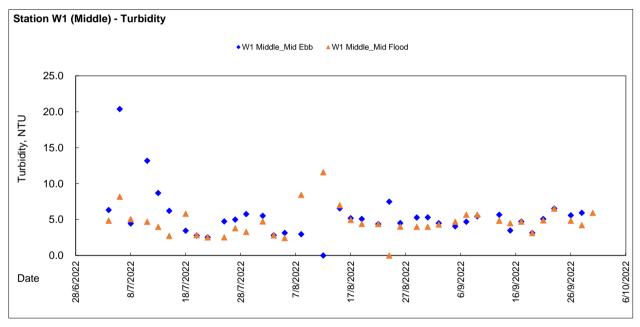
Remarks: WQM for Mid-Ebb on 30 Sep was cancelled due to weather condition.

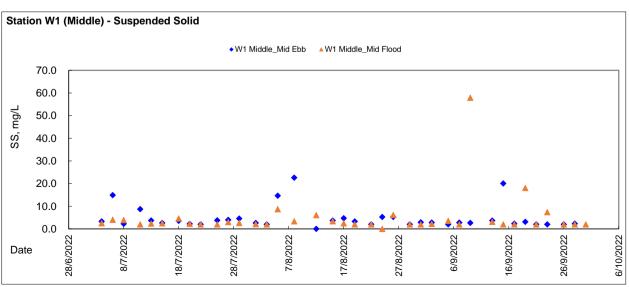
Water Quality Monitoring at Station W8 (Bottom) - Flood Tide

	Complian		Sampling	Water	Sampling	Sampling	Te	emperatur	re	р	Н			Salinity		D	O Saturatio	n		DO			Turbidity		5	SS
Station Reference	Sampling Date	Weather	Time	Depth	Depth	Depth		°C						ppt			%			mg/L			NTU		m	g/L
	Date		Tillio	m	Бори	m	Valu	ıe	Average	Value	Ave	erage	Valu	ıe	Average	Va	lue	Average	Val	ue	Average	Valu	ie	Average	Value	Average
	2/9/2022	Sunny	11:25	3.90		2.90	27.60	27.60	27.6	8.10	8.10	8.1	29.00	28.99	29.0	73.60	73.10	73.4	5.91	5.91	5.9	7.05	7.06	7 1	8.20	8.1
	2/3/2022	Odriny	11:30	3.90		2.90	27.60	27.60	27.0	8.10	8.10	0.1	29.00	28.99	23.0	73.60	73.10	70.4	5.91	5.91	5.5	7.05	7.06	/	8.00	0.1
	5/9/2022	Sunny	10:25	3.60		2.60	26.50	26.50	26.5	8.23	8.23	8.2	30.82	30.82	30.8	77.10	76.40	76.8	6.12	5.84	6.0	6.98	6.97	7.0	7.60	7.7
	3/3/2022	Odriny	10:30	3.60		2.60	26.50	26.50	20.0	8.23	8.23	0.2	30.82	30.82	50.0	77.10	76.40	70.0	6.12	5.84	0.0	6.98	6.97	7.0	7.80	7.7
	7/9/2022	Cloudy	18:40	3.80		2.80	27.50	27.50	27.5	8.39	8.39	8.4	30.68	30.68	30.7	73.80	73.50	73.7	5.63	5.53	5.6	7.72	7.72	77	8.00	7.9
	173/2022	Oloudy	18:45	3.80		2.80	27.50	27.50	27.0		8.39	0.4	30.68	30.68	30.7	73.80	73.50	10.1	5.63	5.53	5.0	7.72	7.72	,.,	7.70	7.5
	9/9/2022	Cloudy	18:40	3.80		2.80	27.50	27.50	27.5		8.39	8.4	30.68	30.68	30.7	73.80	73.50	73.7	5.63	5.53	5.6	7.72	7.72	7.7	6.00	6.7
	0/0/2022	0.000	18:45	3.80		2.80	27.50	27.50	27.0	8.39	8.39	0.1	30.68	30.68	00.7	73.80	73.50	70.7	5.63	5.53	0.0	7.72	7.72		7.30	0.7
	13/9/2022	Sunny	9:25	4.10		3.10	28.10	28.10	28.1	8.11	8.11	8.1	30.97	30.97	31.0	88.90	88.90	88.9	18.55	18.57	18.6	2.36	2.30	2.3	11.20	11.0
	TOFOFEGEE	Curry	9:30	4.10		3.10	28.10	28.10	20.1	8.11	8.11	0.1	30.97	30.97	01.0	88.90	88.90	00.0	18.55	18.57	10.0	2.36	2.30	2.0	10.80	11.0
W8	15/9/2022	Sunny	9:10	3.90		2.90	27.20	27.20	27.2	8.14	8.14	8.1	30.75	30.75	30.8	76.80	75.90	76.4	6.31	6.34	6.3	5.91	5.91	5.9	20.20	20.1
Silvermine Bay		,	9:15	3.90	Bottom	2.90	27.20	27.20			8.14		30.75	30.75		76.80	75.90		6.31	6.34	***	5.91	5.91		19.90	
(Open Water)	17/9/2022	Sunny	10:55	3.80		2.80	29.40	29.40	29.4		8.20	8.2	30.82	30.82	30.8	72.50	72.40	72.5	5.53	5.50	5.5	8.55	8.55	8.6	9.50	9.8
			11:00	3.80		2.80	29.40	29.40			8.20		30.82	30.82		72.50	72.40		5.53	5.50		8.55	8.55		10.00	
	19/9/2022	Rainy	17:10	3.70		2.70	28.50	28.50	28.5	8.24	8.24	8.2	30.31	30.31	30.3	72.60	72.30	72.5	6.13	6.14	6.1	9.91	9.91	9.9	11.30	11.2
		,	17:15	3.70		2.70	28.50	28.50			8.24		30.31	30.31		72.60	72.30		6.13	6.14		9.91	9.91		11.00	
	21/9/2022	Sunny	18:25	3.90		2.90	28.10	28.10	28.1	8.34	8.34	8.3	29.42	29.42	29.4	88.40	87.20	87.8	6.42	6.38	6.4	5.99	5.99	6.0	4.80	5.5
			18:30	3.90		2.90	28.10	28.10			8.34	1	29.42	29.42		88.40	87.20		6.42	6.38		5.99	5.99		6.10	
	23/9/2022	Sunny	11:40	3.60		2.60	28.60	28.60	28.6		8.24	8.2	30.34	30.34	30.3	83.00	82.00	82.5	6.03	5.94	6.0	6.51	6.51	6.5	8.70	8.6
			11:45	3.60		2.60	28.60	28.60			8.24	1	30.34	30.34		83.00	82.00		6.03	5.94		6.51	6.51		8.40	
	28/9/2022	Sunny	8:55	4.10		3.10	27.80	27.80	27.8		8.10	8.1	30.05	30.50	30.3	77.50	76.80	77.2	5.77	5.64	5.7	6.52	6.52	6.5	9.00	9.3
			9:00	4.10		3.10	27.80	27.80		8.10	8.10		30.05	30.50		77.50	76.80		5.77	5.64	-	6.52	6.52		9.60	
	30/9/2022	Rainy	8:40	3.60		2.60	28.10	28.10	28.1	7.91	7.91	7.9	30.35	30.35	30.4	76.00	75.40	75.7	5.84	5.76	5.8	7.22	7.21	7.2	9.00	9.1
			8:45	3.60		2.60	28.10	28.10		7.91	7.91		30.35	30.35		76.00	75.40		5.84	5.76		7.22	7.21		9.10	

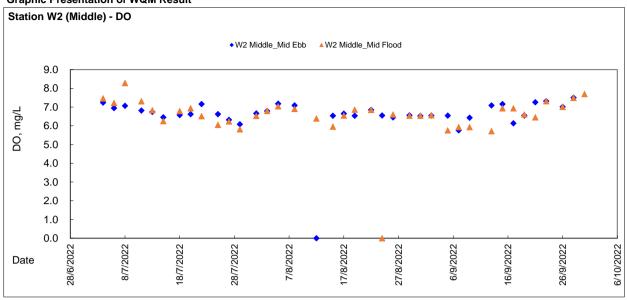


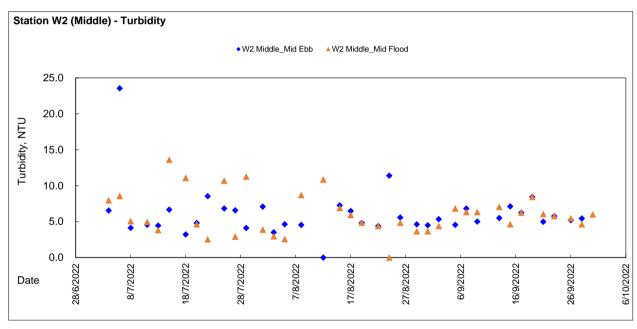


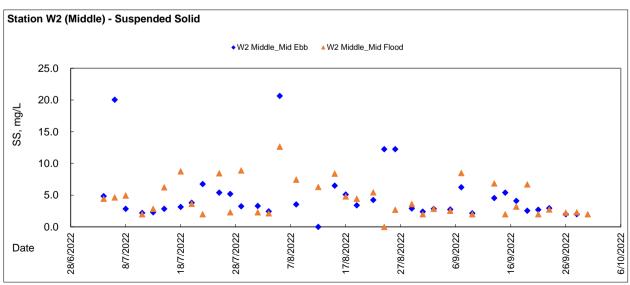




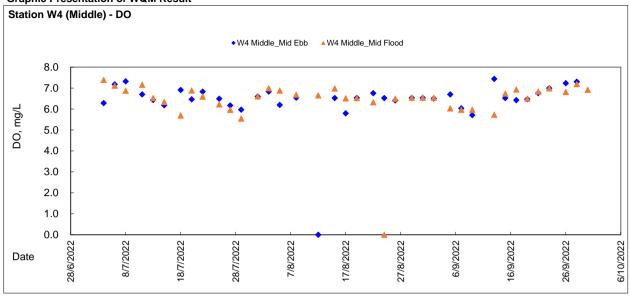


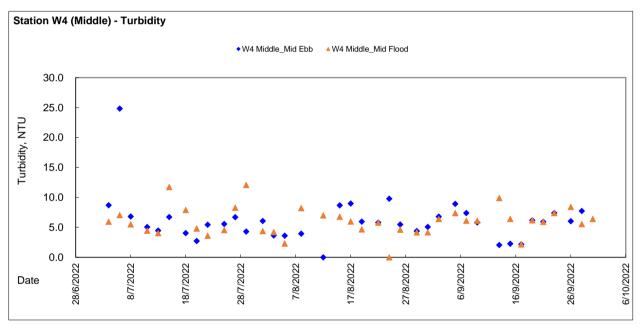


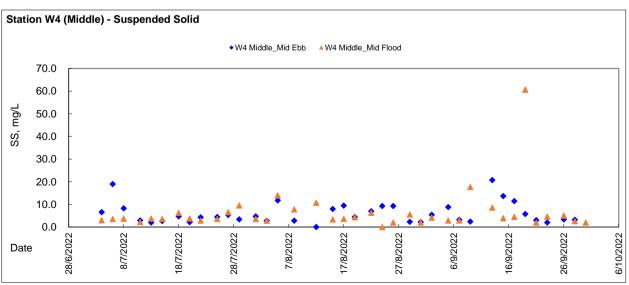




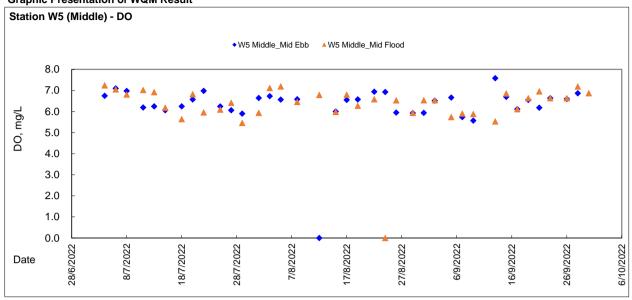


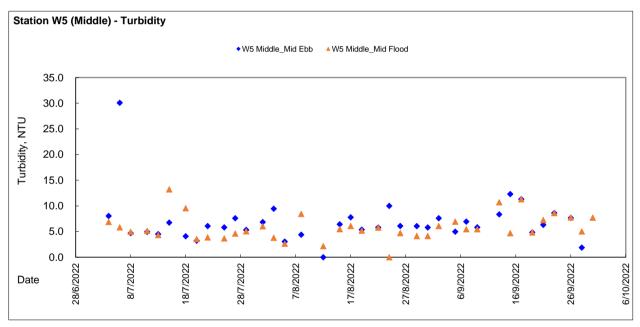


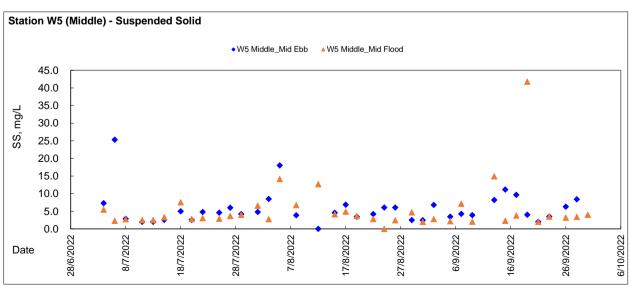






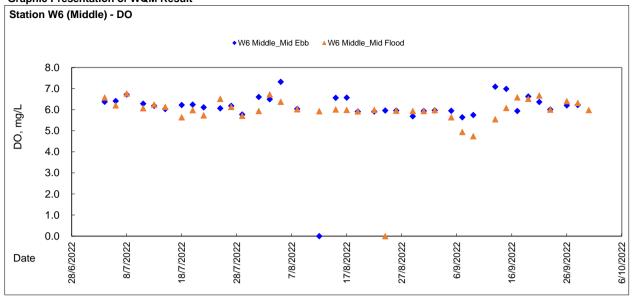


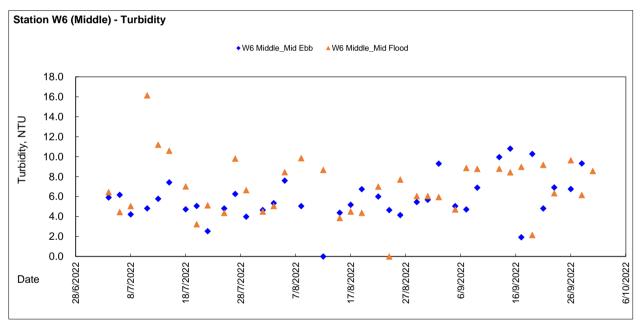


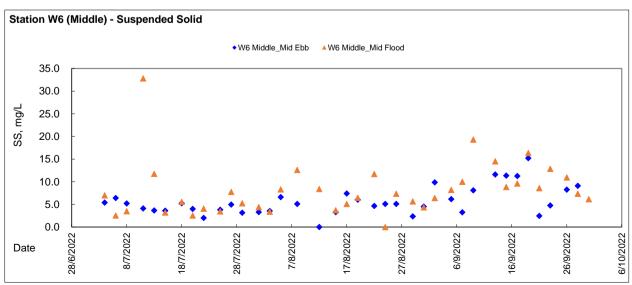




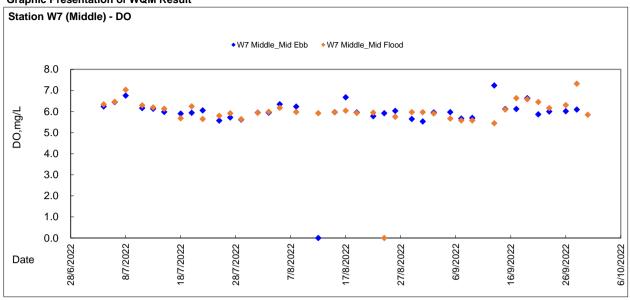


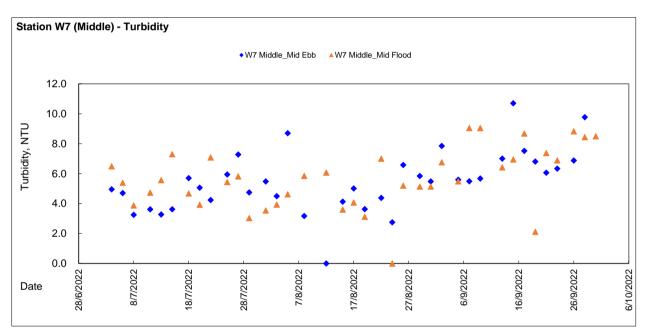


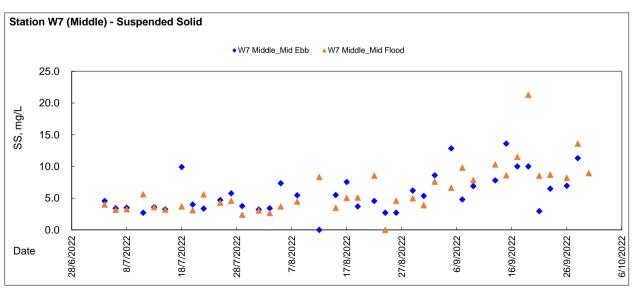




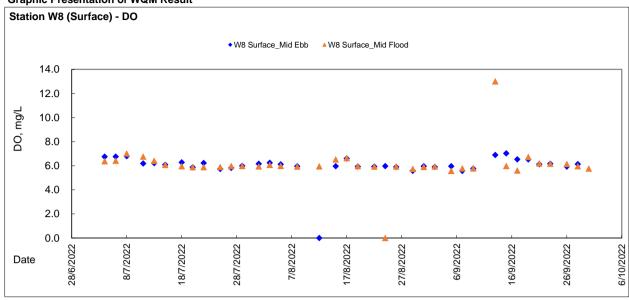


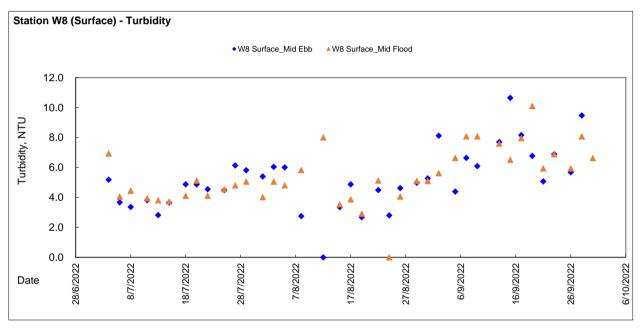


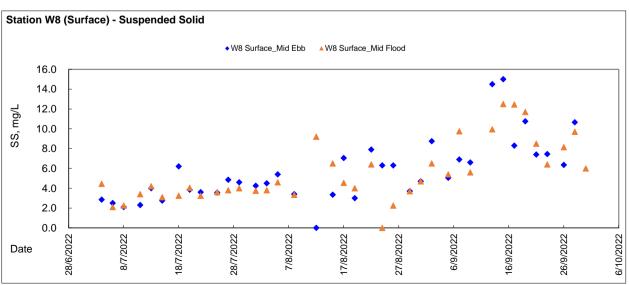




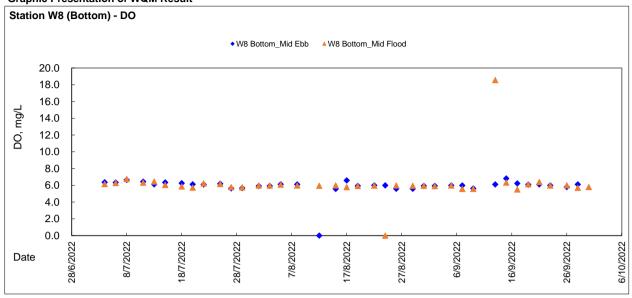


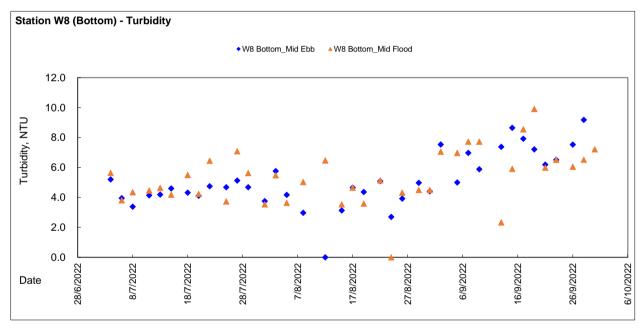


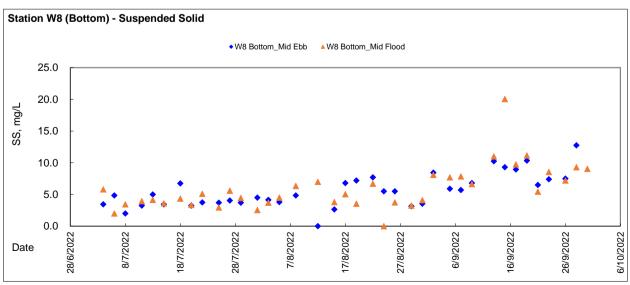














## Appendix 6.1

**Event Action Plans** 

# Appendix 6.1 Event and Action Plan

## **Event and Action Plan for Construction Air Quality**

EVENT		ACTIO	N	
EVENT	ET	IEC	ER	CONTRACTOR
ACTION LEVE	L			
1. Exceedance for one sample	<ol> <li>Inform IEC, ER and Contractor;</li> <li>Identify source, investigate the causes of exceedance and propose remedial measures;</li> <li>Repeat measurement to confirm finding.</li> </ol>	<ol> <li>Check monitoring data submitted by ET;</li> <li>Check Contractor's working method.</li> </ol>	1. Notify Contractor.	<ol> <li>Rectify any unacceptable practice;</li> <li>Amend working methods if appropriate.</li> </ol>
2. Exceedance for two or more consecutive samples	1. Inform IEC, ER and Contractor; 2. Identify source; 3. Advise the ER on the effectiveness of the proposed remedial measures; 4. Repeat measurements to confirm findings; 5. Increase monitoring frequency to daily; 6. Discuss with IEC, ER and Contractor on remedial actions required; 7. If exceedance continues, arrange meeting with IEC and ER; 8. If exceedance stops, cease additional monitoring.	1. Check monitoring data submitted by ET; 2. Check Contractor's working method; 3. Discuss with ET and Contractor on possible remedial measures; 4. Advise the ET/ER on the effectiveness of the proposed remedial measures; 5. Supervise Implementation of remedial measures.	Confirm receipt of notification of failure in writing;     Notify Contractor;     Ensure remedial measures properly implemented.	<ol> <li>Submit proposals for remedial to ER and IEC within 3 working days of notification;</li> <li>Implement the agreed proposals;</li> <li>Amend proposal if appropriate.</li> </ol>

# **Event and Action Plan for Construction Air Quality**

EVENT		A	ACTION	
E V EI V I	ET	IEC	ER	CONTRACTOR
LIMIT LEVEL				
1.Exceedance for one sample	1. Inform IEC, ER, Contractor and EPD; 2. Identify source, investigate the causes of exceedance and propose remedial measures; 3. Repeat measurement to confirm finding; 4. Increase monitoring frequency to daily; 5. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results.	<ol> <li>Check monitoring data submitted by ET;</li> <li>Check Contractor's working method;</li> <li>Discuss with ET and Contractor on possible remedial measures;</li> <li>Advise the ER on the effectiveness of the proposed remedial measures;</li> <li>Supervise implementation of remedial measures.</li> </ol>	Confirm receipt of notification of failure in writing;     Notify Contractor;     Ensure remedial measures properly implemented.	<ol> <li>Take immediate action to avoid further exceedance;</li> <li>Discuss with ET and IEC on remedial actions</li> <li>Submit proposals for remedial actions to IEC within 3 working days of notification;</li> <li>Implement the agreed proposals;</li> <li>Amend proposal if appropriate.</li> </ol>
2.Exceedance for two or more consecutive samples	1. Notify IEC, ER, Contractor and EPD; 2. Identify source; 3. Repeat measurement to confirm findings; 4. Increase monitoring frequency to daily; 5. Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented; 6. Arrange meeting with IEC and ER and Contractor to discuss the remedial actions to be taken; 7. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results; 8. If exceedance stops, cease additional monitoring.	1. Check monitoring data submitted by ET; 2. Check Contractor's working method; 3. Discuss amongst ER, ET, and Contractor on the potential remedial actions; 4. Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly; 5. Supervise the implementation of remedial measures.	1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. In consultation with the IEC, agree with the Contractor on the remedial measures to be implemented; 4. Ensure remedial measures properly implemented; 5. If exceedance continues, consider what portion of the work is responsible and instruct the Contractor to terminate that portion of work until the exceedance ceases.	1. Take immediate action to avoid further exceedance; 2. Discuss with ET and IEC on remedial actions 3. Submit proposals for remedial actions to ER and IEC within 3 working days of notification; 4. Implement the agreed proposals; 5. Resubmit proposals if problem still not under control; 6. Stop the relevant portion of works as determined by the ER until the exceedance ceases.

## **Event and Action Plan for Construction Noise**

EVENT			ACTION	
EVENI	ET	IEC	ER	CONTRACTOR
Action Level	1. Notify IEC, ER and Contractor of exceedance; 2. Identify source 3. Investigate the causes of exceedance and propose remedial measures; 4. Report the results of investigation to the IEC, ER and Contractor; 5. Discuss with the IEC, ER and Contractor and formulate remedial measures; 6. Increase monitoring frequency to check mitigation effectiveness.	1. Review the analysed results submitted by the ET; 2. Review the proposed remedial measures by the Contractor and advise the ER accordingly; 3. Supervise the implementation of remedial measures.	Confirm receipt of notification of failure in writing;     Notify Contractor;     Require Contractor to propose remedial measures for the analysed noise problem;     Ensure remedial measures are properly implemented	Submit noise mitigation proposals to ER with copy to ET and IEC;     Implement noise mitigation proposals.
Limit Level	1. Inform IEC, ER, EPD and Contractor; 2. Identify source; 3. Repeat measurements to confirm findings; 4. Increase monitoring frequency; 5. Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented; 6. Inform IEC, ER and EPD the causes and actions taken for the exceedances; 7. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results; 8. If exceedance stops, cease additional monitoring.	<ol> <li>Discuss amongst ER, ET, and Contractor on the potential remedial actions;</li> <li>Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly;</li> <li>Supervise the implementation of remedial measures.</li> </ol>	<ol> <li>Confirm receipt of notification of failure in writing;</li> <li>Notify Contractor;</li> <li>Require Contractor to propose remedial measures for the analysed noise problem;</li> <li>Ensure remedial measures are properly implemented;</li> <li>If exceedance continues, investigate what portion of the work is responsible and instruct the Contractor to terminate that portion of work until the exceedance ceases.</li> </ol>	1. Take immediate action to avoid further exceedance; 2. Submit proposals for remedial actions to ER with copy to ET and IEC within 3 working days of notification; 3. Implement the agreed proposals; 4. Resubmit proposals if problem still not under control; 5. Terminate the relevant portion of works as determined by the ER until the exceedance ceases.

# **Event and Action Plan for Water Quality**

ENVENVE		A	CTION	
EVENT	ET Leader	IEC	ER	Contractor
ACTION LEVEL				
Action level being exceeded by one sampling day	<ol> <li>Repeat in situ measurement on next day of exceedance to confirm findings;</li> <li>Identify source(s) of impact;</li> <li>Inform IEC, contractor and ER;</li> <li>Check monitoring data, all plant, equipment and Contractor's working methods.</li> </ol>	Check monitoring data submitted by ET and Contractor's working methods.	Confirm receipt of notification of non-compliance in writing;     Notify Contractor.	<ol> <li>Inform the ER and confirm notification of the non-compliance in writing;</li> <li>Rectify unacceptable practice;</li> <li>Amend working methods if appropriate.</li> </ol>
Action level being exceeded by two or more consecutive sampling days	<ol> <li>Repeat measurement on next day of exceedance to confirm findings;</li> <li>Identify source(s) of impact;</li> <li>Inform IEC, contractor, ER and EPD;</li> <li>Check monitoring data, all plant, equipment and Contractor's working methods;</li> <li>Discuss mitigation measures with IEC, ER and Contractor;</li> <li>Ensure mitigation measures are implemented;</li> <li>Increase the monitoring frequency to daily until no exceedance of Action level.</li> </ol>	<ol> <li>Check monitoring data submitted by ET and Contractor's working method;</li> <li>Discuss with ET and Contractor on possible remedial actions;</li> <li>Review the proposed mitigation measures submitted by Contractor and advise the ER accordingly;</li> <li>Supervise the implementation of mitigation measures.</li> </ol>	Discuss with IEC on the proposed mitigation measures;     Ensure mitigation measures are properly implemented;     Assess the effectiveness of the implemented mitigation measures.	<ol> <li>Inform the ER and confirm notification of the non-compliance in writing;</li> <li>Rectify unacceptable practice;</li> <li>Check all plant and equipment and consider changes of working methods;</li> <li>Submit proposal of additional mitigation measures to ER within 3 working days of notification and discuss with ET, IEC and ER;</li> <li>Implement the agreed mitigation measures.</li> </ol>

# **Event and Action Plan for Water Quality**

TOW / TO A / (ID		ACTION											
EVENT	ET Leader	IEC	ER	Contractor									
LIMIT LEVEL													
Limit level being exceeded by one sampling day	<ol> <li>Repeat measurement on next day of exceedance to confirm findings;</li> <li>Identify source(s) of impact;</li> <li>Inform IEC, contractor, ER and EPD;</li> <li>Check monitoring data, all plant, equipment and Contractor's working methods;</li> <li>Discuss mitigation measures with IEC, ER and Contractor.</li> </ol>	<ol> <li>Check monitoring data submitted by ET and Contractor's working method;</li> <li>Discuss with ET and Contractor on possible remedial actions;</li> <li>Review the proposed mitigation measures submitted by Contractor and advise the ER accordingly.</li> </ol>	<ol> <li>Confirm receipt of notification of failure in writing;</li> <li>Discuss with IEC, ET and Contractor on the proposed mitigation measures;</li> <li>Request Contractor to review the working methods.</li> </ol>	<ol> <li>Inform the ER and confirm notification of the non-compliance in writing;</li> <li>Rectify unacceptable practice;</li> <li>Check all plant and equipment and consider changes of working methods;</li> <li>Submit proposal of mitigation measures to ER within 3 working days of notification and discuss with ET, IEC and ER.</li> </ol>									
Limit level being exceeded by two or more consecutive sampling days	<ol> <li>Repeat measurement on next day of exceedance to confirm findings;</li> <li>Identify source(s) of impact;</li> <li>Inform IEC, contractor, ER and EPD;</li> <li>Check monitoring data, all plant, equipment and Contractor's working methods;</li> <li>Discuss mitigation measures with IEC, ER and Contractor;</li> <li>Ensure mitigation measures are implemented;</li> <li>Increase the monitoring frequency to daily until no exceedance of Limit level for two consecutive days.</li> </ol>	<ol> <li>Check monitoring data submitted by ET and Contractor's working method;</li> <li>Discuss with ET and Contractor on possible remedial actions;</li> <li>Review the Contractor's mitigation measures whenever necessary to assure their effectiveness and advise the ER accordingly;</li> <li>Supervise the implementation of mitigation measures.</li> </ol>	<ol> <li>Discuss with IEC, ET and Contractor on the proposed mitigation measures;</li> <li>Request Contractor to critically review the working methods;</li> <li>Make agreement on the mitigation measures to be implemented;</li> <li>Ensure mitigation measures are properly implemented;</li> <li>Consider and instruct, if necessary, the Contractor to slow down or to stop all or part of the construction activities until no exceedance of Limit level.</li> </ol>	<ol> <li>Take immediate action to avoid further exceedance;</li> <li>Submit proposal of mitigation measures to ER within 3 working days of notification and discuss with ET, IEC and ER;</li> <li>Implement the agreed mitigation measures;</li> <li>Resubmit proposals of mitigation measures if problem still not under control;</li> <li>As directed by the Supervising Officer, to slow down or to stop all or part of the construction activities until no exceedance of Limit level.</li> </ol>									



## Appendix 6.2

Summary for Notification of Exceedance



Ref. No.	Date	Time	Location	Parameter	Value	Unit	Level exceeded	Follow-up action	
X W015	6/7/2022	Mid-flood	W1 Middle	Turb	8.2	NTU	Action: 7.7 NTU (95%-tile)	Cause of Exceedance:	Localized fluctuation in water quality due to no exceedances recorded at W4 downstream to
15								ET's conclusions and	construction site before W1; no unauthorized discharge or muddy plume observed Exceedance not related to project, advised contractor to maintain on-going water mitigation measures
								recommendations for mitigation:	and cofferdam condition
								the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
								Action required under EAP:	Repeat measurement on next day of exceedance to confirm findings;
								riodon regalied ander 27th :	2. Identify source(s) of impact;
									3. Inform IEC, contractor and ER;
									4. Check monitoring data, all plant, equipment and Contractor's working methods.
								Action taken under EAP:	2, 3 & 4 (1 - N/A due to not related project works)
								Comments/Remarks	No exceedance recorded in the next monitoring event
X W016	6/7/2022	Mid-flood	W2 Middle	Turb	8.6	NTU	Action: 7.7 NTU (95%-tile)	Cause of Exceedance:	Localized fluctuation in water quality due to no exceedances recorded at W4 downstream to
_							, ,		construction site before W2; no unauthorized discharge or muddy plume observed
								ET's conclusions and	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures
								recommendations for mitigation:	and cofferdam condition
									Construction activities were checked;
								the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
								Action required under EAP:	<ol> <li>Repeat measurement on next day of exceedance to confirm findings;</li> </ol>
									2. Identify source(s) of impact;
									3. Inform IEC, contractor and ER;
								l	Check monitoring data, all plant, equipment and Contractor's working methods.
								Action taken under EAP:	2, 3 & 4 (1 - N/A due to not related project works)
V 14/047	0/7/0000	10.1	W5 Middle	<del>-</del> .	00.4	NET	A 11 00 0 NTH (050/ 11)	Comments/Remarks	No exceedance recorded in the next monitoring event
X_W017	6/7/2022	Mid-ebb	W5 Middle	Turb	30.1	NTU	Action: 29.8 NTU (95%-tile)	Cause of Exceedances:	High turbidity and SS recorded at upstream control station W4 (Turb: 24.8NTU, SS:19.0 mg/L) stirred up downstream riverbed during tidal flush
	6/7/2022	Mid obb	W5 Middle		25.3	00	Limit: 24.6 mg/L (99%-tile)	ET's conclusions and	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures
	0///2022	IVIIQ-EDD	W5 Middle	33	25.5	33	Liffit. 24.6 flig/L (99%-tile)	recommendations for mitigation:	and cofferdam condition
								Contractor's actions to implement	Construction activities were checked:
								the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
								Action required under EAP:	Repeat measurement on next day of exceedance to confirm findings;
									2. Identify source(s) of impact;
									3. Inform IEC, contractor, ER and EPD;
									4. Check monitoring data, all plant, equipment and Contractor's working methods;
									5. Discuss mitigation measures with IEC, ER and Contractor.
								Action taken under EAP:	2, 3 & 4 (1 & 5 - N/A due to not related project works)
								Comments/Remarks	No exceedance recorded in the next monitoring event



Ref. No.	Date	Time	Location	Parameter	Value	Unit	Level exceeded	Follow-up action	
X_W018	15/7/2022	Mid-flood	W2 Middle	DO	6.3	mg/L	Action: 6.5mg/L (95%-tile)	Cause of Exceedance:	Localized fluctuation around baseline DO range; no river channel blockage was observed
								ET's conclusions and	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures
								recommendations for mitigation:	and cofferdam condition
								Contractor's actions to implement	Construction activities were checked;
								the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
								Action required under EAP:	Repeat measurement on next day of exceedance to confirm findings;
									2. Identify source(s) of impact;
									3. Inform IEC, contractor and ER;
									Check monitoring data, all plant, equipment and Contractor's working methods.
								Action taken under EAP:	2, 3 & 4 (1 - N/A due to not related project works)
								Comments/Remarks	No exceedance recorded in the next monitoring event
X_W019	15/7/2022	Mid-flood	W4 Middle	DO	6.3	mg/L	Action: 6.5mg/L (95%-tile)	Cause of Exceedance:	Localized fluctuation around baseline DO range; no river channel blockage was observed
								ET's conclusions and	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures
								recommendations for mitigation:	and cofferdam condition
									Construction activities were checked;
								the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
								Action required under EAP:	Repeat measurement on next day of exceedance to confirm findings;
									2. Identify source(s) of impact;
									3. Inform IEC, contractor and ER;
									Check monitoring data, all plant, equipment and Contractor's working methods.
								Action taken under EAP:	2, 3 & 4 (1 - N/A due to not related project works)
								Comments/Remarks	No exceedance recorded in the next monitoring event
X_W020	18/7/2022	Mid-flood	W1 Middle	DO	6.2	mg/L	Action: 6.5mg/L (95%-tile)	Cause of Exceedance:	Localized fluctuation around baseline DO range; no river channel blockage was observed
								ET's conclusions and	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures
								recommendations for mitigation:	and cofferdam condition
									Construction activities were checked;
								the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
								Action required under EAP:	Repeat measurement on next day of exceedance to confirm findings;
									2. Identify source(s) of impact;
									3. Inform IEC, contractor and ER;
								A -ti t-l f A D.	4. Check monitoring data, all plant, equipment and Contractor's working methods.  3. 3. 4.4.4. N/A due to not related project works.
								Action taken under EAP:	2, 3 & 4 (1 - N/A due to not related project works)
								Comments/Remarks	No exceedance recorded in the next monitoring event



Ref. No.	Date	Time	Location	Parameter	Value	Unit	Level exceeded	Follow-up action	
X W021	18/7/2022	Mid-flood	W4 Middle	DO	5.7	mg/L	Action: 6.5mg/L (95%-tile)	Cause of Exceedance:	Localized fluctuation around baseline DO range; no river channel blockage was observed
_						_		ET's conclusions and	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures
								recommendations for mitigation:	and cofferdam condition
								Contractor's actions to implement	Construction activities were checked;
								the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
								Action required under EAP:	Repeat measurement on next day of exceedance to confirm findings;
									2. Identify source(s) of impact;
									3. Inform IEC, contractor and ER;
									Check monitoring data, all plant, equipment and Contractor's working methods.
								Action taken under EAP:	2, 3 & 4 (1 - N/A due to not related project works)
								Comments/Remarks	No exceedance recorded in the next monitoring event
X_W022	20/7/2022	Mid-ebb	W8 Surface	DO	5.9	mg/L	Action: 5.9mg/L (95%-tile)	Cause of Exceedance:	Localized fluctuation around baseline DO range; no river channel blockage was observed
								ET's conclusions and	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures
								recommendations for mitigation:	and cofferdam condition
								the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
								Action required under EAP:	Repeat measurement on next day of exceedance to confirm findings;
									Identify source(s) of impact;
									Inform IEC, contractor and ER;
									Check monitoring data, all plant, equipment and Contractor's working methods.
								Action taken under EAP:	2, 3 & 4 (1 - N/A due to not related project works)
								Comments/Remarks	No exceedance recorded in the next monitoring event
X_W023	22/7/2022	Mid-flood	W1 Middle	DO	6.4	mg/L	Action: 6.5mg/L (95%-tile)	Cause of Exceedance:	Localized fluctuation around baseline DO range; no river channel blockage was observed
								ET's conclusions and	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures
								recommendations for mitigation:	and cofferdam condition
								the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
								Action required under EAP:	Repeat measurement on next day of exceedance to confirm findings;
									2. Identify source(s) of impact;
									3. Inform IEC, contractor and ER;
								1	Check monitoring data, all plant, equipment and Contractor's working methods.
								Action taken under EAP:	2, 3 & 4 (1 - N/A due to not related project works)
								Comments/Remarks	No exceedance recorded in the next monitoring event



Ref. No.	Date	Time	Location	Parameter	Value	Unit	Level exceeded	Follow-up action	
X_W024	25/7/2022	Mid-flood	W2 Middle	DO	6.	l mg/L	Action: 6.5mg/L (95%-tile)	Cause of Exceedance:	Localized fluctuation around baseline DO range; no river channel blockage was observed; Localized
									fluctuation in water quality due to no exceedances recorded at W4 downstream to construction site
									before W2; no unauthorized discharge or muddy plume observed
	25/7/2022	Mid-flood	W2 Middle	Turb	10.	NTU	Action: 7.7 NTU (95%-tile)	ET's conclusions and	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures
								recommendations for mitigation:	and cofferdam condition
								the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
								Action required under EAP:	Repeat measurement on next day of exceedance to confirm findings;
									2. Identify source(s) of impact;
									3. Inform IEC, contractor and ER;
									Check monitoring data, all plant, equipment and Contractor's working methods.
								Action taken under EAP:	2, 3 & 4 (1 - N/A due to not related project works)
1/ 11/22					_	+		Comments/Remarks	Turb dropped back to 6.6 NTU in the next monitoring event
X_W025	25/7/2022	Mid-flood	W4 Middle	IDO	6.	2 mg/L	Action: 6.5mg/L (95%-tile)	Cause of Exceedance:	Localized fluctuation around baseline DO range; no river channel blockage was observed
								ET's conclusions and	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures
								recommendations for mitigation:	and cofferdam condition
								the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
								Action required under EAP:	Repeat measurement on next day of exceedance to confirm findings;     Identify source(s) of impact;
									3. Inform IEC. contractor and ER:
									Check monitoring data, all plant, equipment and Contractor's working methods.
								Action taken under EAP:	Check monitoring data, an plant, equipment and contractor's working methods.      3 & 4 (1 - N/A due to not related project works)
								Comments/Remarks	
X W026	25/7/2022	Mid-ebb	W7 Middle	DO.	-	3 mg/L	Action: 5.9mg/L (95%-tile)	Cause of Exceedance:	DO stayed at 6.2 mg/L in the next monitoring event  Localized fluctuation around baseline DO range; no river channel blockage was observed
\_W026	23/1/2022	Mid-epp	vv / ivildale	lpo	5.	IIIg/L	Action: 5.9mg/L (95%-tile)	ET's conclusions and	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures
								recommendations for mitigation:	and cofferdam condition
									Construction activities were checked;
								the mitigation:	Constitution activities were checked,  Cofferdam was checked and no linkage or discharge of polluted water was observed
								Action required under EAP:	Repeat measurement on next day of exceedance to confirm findings;
								Action required under LAF.	Identify source(s) of impact;
						1			3. Inform IEC, contractor and ER;
									Check monitoring data, all plant, equipment and Contractor's working methods.
								Action taken under EAP:	2, 3 & 4 (1 - N/A due to not related project works)
								Comments/Remarks	DO increased to 5.8 mg/L in the next monitoring event
					1			Commentantemarks	DO increased to 5.0 mg/L in the next monitoring event



Ref. No.	Date	Time	Location	Parameter	Value	Unit	Level exceeded	Follow-up action	
X W027	25/7/2022	Mid-ebb	W8 Surface	DO	5.7	mg/L	Action: 5.9mg/L (95%-tile)	Cause of Exceedance:	Localized fluctuation around baseline DO range; no river channel blockage was observed
_						-		ET's conclusions and	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures
								recommendations for mitigation:	and cofferdam condition
								Contractor's actions to implement	Construction activities were checked;
								the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
								Action required under EAP:	Repeat measurement on next day of exceedance to confirm findings;
									2. Identify source(s) of impact;
									Inform IEC, contractor and ER;
									Check monitoring data, all plant, equipment and Contractor's working methods.
								Action taken under EAP:	2, 3 & 4 (1 - N/A due to not related project works)
						_		Comments/Remarks	DO increased to 5.9 mg/L in the next monitoring event
X_W028	27/7/2022	Mid-flood	W2 Middle	DO	6.2	mg/L	Action: 6.5mg/L (95%-tile)	Cause of Exceedance:	Localized fluctuation around baseline DO range; no river channel blockage was observed
								ET's conclusions and	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures
								recommendations for mitigation:	and cofferdam condition
									Construction activities were checked;
								the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed  1. Repeat measurement on next day of exceedance to confirm findings;
								Action required under EAP:	Repeat measurement on next day or exceedance to commit initialities,     Identify source(s) of impact;
									3. Inform IEC, contractor and ER:
									Check monitoring data, all plant, equipment and Contractor's working methods.
								Action taken under EAP:	2, 3 & 4 (1 - N/A due to not related project works)
								Comments/Remarks	DO dropped to 6.1 mg/L in the next monitoring event
X W029	27/7/2022	Mid-flood	W4 Middle	DO	6.0	mg/L	Action: 6.5mg/L (95%-tile)	Cause of Exceedance:	Localized fluctuation around baseline DO range; no river channel blockage was observed; Localized
\_\V023	211112022	Wild-Hood	VV-F IVIIGGIE	100	0.0	IIIg/L	Action: 0.5mg/E (95 %-tile)	Cause of Exceedance.	fluctuation around baseline turb range; unlikely contributed by solid materials from construction works;
									extremely high water level observed during monitoring.
	27/7/2022	Mid-flood	W4 Middle	Turb	8.3	NTU	Action: 7.7 NTU (95%-tile)	ET's conclusions and	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures
								recommendations for mitigation:	and cofferdam condition
									Construction activities were checked;
								the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
								Action required under EAP:	Repeat measurement on next day of exceedance to confirm findings;
								, ,	2. Identify source(s) of impact;
									3. Inform IEC, contractor and ER;
									Check monitoring data, all plant, equipment and Contractor's working methods.
								Action taken under EAP:	2, 3 & 4 (1 - N/A due to not related project works)
								Comments/Remarks	DO stayed at 6.0 mg/L and Turb dropped back to 4.3 NTU in the next monitoring event.



Ref. No.	Date	Time	Location	Parameter	Value	Unit	Level exceeded	Follow-up action	
X W030	27/7/2022	Mid-ebb	W7 Middle	DO	5.7	mg/L	Action: 5.9mg/L (95%-tile)	Cause of Exceedance:	Localized fluctuation around baseline DO range; no river channel blockage was observed
_	i l					"		ET's conclusions and	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures
	i l							recommendations for mitigation:	and cofferdam condition
	i l							Contractor's actions to implement	Construction activities were checked;
	i l							the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
	i l							Action required under EAP:	Repeat measurement on next day of exceedance to confirm findings;
	i l								2. Identify source(s) of impact;
	i l								3. Inform IEC, contractor and ER;
	i l								Check monitoring data, all plant, equipment and Contractor's working methods.
	i l							Action taken under EAP:	2, 3 & 4 (1 - N/A due to not related project works)
								Comments/Remarks	DO increase back to 5.9 mg/L in the next monitoring event
X_W031	27/7/2022	Mid-ebb	W8 Surface	DO	5.8	mg/L	Action: 5.9mg/L (95%-tile)	Cause of Exceedance:	Localized fluctuation around baseline DO range; no river channel blockage was observed
	i l							ET's conclusions and	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures
	i l							recommendations for mitigation:	and cofferdam condition
	i l								Construction activities were checked;
	i l							the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
	i l							Action required under EAP:	Repeat measurement on next day of exceedance to confirm findings;
	i l								2. Identify source(s) of impact;
	i l								3. Inform IEC, contractor and ER;
	i l								Check monitoring data, all plant, equipment and Contractor's working methods.
	i l							Action taken under EAP:	2, 3 & 4 (1 - N/A due to not related project works)
								Comments/Remarks	DO increase back to 6.0 mg/L in the next monitoring event
X_W032	27/7/2022	Mid-ebb	W8 Bottom	DO	5.6	mg/L	Action: 5.9mg/L (95%-tile)	Cause of Exceedance:	Localized fluctuation around baseline DO range; no river channel blockage was observed
	i l							ET's conclusions and	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures
	i l							recommendations for mitigation:	and cofferdam condition
	i l								Construction activities were checked;
	i l							the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
	i l							Action required under EAP:	Repeat measurement on next day of exceedance to confirm findings;
	i								2. Identify source(s) of impact;
	i								Inform IEC, contractor and ER;      Check manifesing data, all plant, aguinment and Contractor's working matheds.
	i l							A -4: 4-1 EAD.	Check monitoring data, all plant, equipment and Contractor's working methods.
	i l							Action taken under EAP:	2, 3 & 4 (1 - N/A due to not related project works)
	i							Comments/Remarks	DO increase back to 5.8 mg/L in the next monitoring event



Ref. No.	Date	Time	Location	Parameter	Value	Unit	Level exceeded	Follow-up action	
X_W033	29/7/2022	Mid-flood	W2 Middle	DO	5.8	mg/L	Action: 6.5mg/L (95%-tile)	Cause of Exceedance:	Localized fluctuation around baseline DO range; no river channel blockage was observed; Relatively higher turbidity recorded at upstream control station W4 (Turb: 12.1 NTU) whereas no SS exceedance recorded; unlikely contributed by solid materials from construction works.
	29/7/2022	Mid-flood	W2 Middle	Turb	11.3	NTU	Action: 7.7 NTU (95%-tile)	ET's conclusions and recommendations for mitigation: Contractor's actions to implement	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures and cofferdam condition Construction activities were checked:
								the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
								Action required under EAP:	Repeat measurement on next day of exceedance to confirm findings;
									2. Identify source(s) of impact;
									Inform IEC, contractor and ER;
								1	4. Check monitoring data, all plant, equipment and Contractor's working methods.
								Action taken under EAP:	2, 3 & 4 (1 - N/A due to not related project works)
X W034	29/7/2022	Mid flood	W4 Middle	DO.		mg/L	Action: 6.5mg/L (95%-tile)	Comments/Remarks Cause of Exceedance:	No exceedance recorded in the next monitoring event  Localized fluctuation around baseline DO range; no river channel blockage was observed; Localized
A_W034	29/1/2022	IVIIG-1100G	W4 Middle	lpo	5.5	mg/L	Action: 6.5mg/L (95%-tile)	Cause of Exceedance.	fluctuation around baseline turb and SS range; extremely high water level observed during monitoring
									and SS could be contributed by turbulance stirring up riverbed precipitate during tidal flush; unlikely
									contributed by solid materials from construction works.
	29/7/2022	Mid-flood	W4 Middle	Turb	12.1	NTU	Action: 7.7 NTU (95%-tile)	ET's conclusions and	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures
							` ′	recommendations for mitigation:	and cofferdam condition
	29/7/2022	Mid-flood	W4 Middle	ss	9.6	NTU	Action: 8.9 mg/L (95%-tile)	Contractor's actions to implement	Construction activities were checked;
								the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
								Action required under EAP:	Repeat measurement on next day of exceedance to confirm findings;
									2. Identify source(s) of impact;
									3. Inform IEC, contractor and ER;
									4. Check monitoring data, all plant, equipment and Contractor's working methods.
								Action taken under EAP:	2, 3 & 4 (1 - N/A due to not related project works)
V 14/005	29/7/2022	10.1	W6 Middle				Action: 5.9mg/L (95%-tile)	Comments/Remarks Cause of Exceedance:	No exceedance recorded in the next monitoring event  Localized fluctuation around baseline DO range; no river channel blockage was observed
X_W035	29/7/2022	Mid-ebb	W6 Middle	lpo	5.8	mg/L	Action: 5.9mg/L (95%-tile)	ET's conclusions and	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures
								recommendations for mitigation:	and cofferdam condition
								Contractor's actions to implement	Construction activities were checked:
								the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
								Action required under EAP:	Repeat measurement on next day of exceedance to confirm findings;
								'	2. Identify source(s) of impact;
									3. Inform IEC, contractor and ER;
									Check monitoring data, all plant, equipment and Contractor's working methods.
								Action taken under EAP:	2, 3 & 4 (1 - N/A due to not related project works)
								Comments/Remarks	DO dropped to 5.7 mg/L in the next monitoring event



Ref. No.	Date	Time	Location	Parameter	Value	Unit	Level exceeded	Follow-up action	
X_W036	29/7/2022	Mid-ebb	W7 Middle	DO	5.6	mg/L	Action: 5.9mg/L (95%-tile)	Cause of Exceedance:	Localized fluctuation around baseline DO range; no river channel blockage was observed
								ET's conclusions and	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures
								recommendations for mitigation:	and cofferdam condition
								Contractor's actions to implement	Construction activities were checked;
								the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
								Action required under EAP:	<ol> <li>Repeat measurement on next day of exceedance to confirm findings;</li> </ol>
									2. Identify source(s) of impact;
									Inform IEC, contractor and ER;
									Check monitoring data, all plant, equipment and Contractor's working methods.
								Action taken under EAP:	2, 3 & 4 (1 - N/A due to not related project works)
								Comments/Remarks	DO stayed at 5.6 mg/L in the next monitoring event
X_W037	29/7/2022	Mid-ebb	W8 Bottom	DO	5.7	mg/L	Action: 5.9mg/L (95%-tile)	Cause of Exceedance:	Localized fluctuation around baseline DO range; no river channel blockage was observed
								ET's conclusions and	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures
								recommendations for mitigation:	and cofferdam condition
									Construction activities were checked;
								the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
								Action required under EAP:	Repeat measurement on next day of exceedance to confirm findings;
									2. Identify source(s) of impact;
									3. Inform IEC, contractor and ER;
								A -4: 4-1	Check monitoring data, all plant, equipment and Contractor's working methods.
						1		Action taken under EAP:	2, 3 & 4 (1 - N/A due to not related project works)
					l	1	1	Comments/Remarks	DO increased to 5.8 mg/L in the next monitoring event



Ref. No.	Date	Time	Location	Parameter	Value	Unit	Level exceeded	Follow-up action	
X_W038	5/8/2022	Mid-ebb	W5 Middle	SS	18.0	mg/L	Limit: 15.3 mg/L (99%-tile)	Cause of Exceedances:	Relatively high SS recorded at upstream control station W4 (SS:14.0 mg/L); Muddy water discharging from upstream control station W4 and rain water disturbing the river water current may increase the downstream SS level at downstream monitoring station W5.
								ET's conclusions and recommendations for mitigation:	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures and cofferdam condition
								Contractor's actions to implement	Construction activities were checked;
								the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
								Action required under EAP:	Repeat measurement on next day of exceedance to confirm findings;
									Identify source(s) of impact;     Inform IEC, contractor, ER and EPD:
									Inform IEC, contractor, ER and EPD;     Check monitoring data, all plant, equipment and Contractor's working methods;
									Discuss mitigation measures with IEC, ER and Contractor.
								Action taken under EAP:	2, 3 & 4 (1 & 5 - N/A due to not related project works)
								Comments/Remarks	No exceedance recorded in the next monitoring event
X W039	12/8/2022	Mid-flood	W1 Middle	DO	6.5	mg/L	Action: 6.5mg/L (95%-tile)	Cause of Exceedance:	Localized fluctuation around baseline DO range; no river channel blockage was observed; Cloudy water
7_11000	12/0/2022	Wild Hood	VV I IVIIGGIC	50	0.0	IIIg/L	/ totion: o.omg/E (oo/o tile)	Cause of Exocedance.	may be the cause of the increase of turb level; unlikely contributed by solid materials from construction
									works.
	12/8/2022	Mid-flood	W1 Middle	Turb	11.6	NTU	Action: 7.7 NTU (95%-tile)	ET's conclusions and	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures
							,	recommendations for mitigation:	and cofferdam condition
	12/8/2022	Mid-flood	W2 Middle	DO	6.4	mg/L	Action: 6.5mg/L (95%-tile)	Contractor's actions to implement	Construction activities were checked;
								the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
	12/8/2022	Mid-flood	W2 Middle	Turb	10.9	NTU	Action: 7.7 NTU (95%-tile)	Action required under EAP:	Repeat measurement on next day of exceedance to confirm findings;
									2. Identify source(s) of impact;
									Inform IEC, contractor and ER;
									Check monitoring data, all plant, equipment and Contractor's working methods.
								Action taken under EAP:	2, 3 & 4 (1 - N/A due to not related project works)
						_		Comments/Remarks	No exceedance recorded in the next monitoring event
X_W040	15/8/2022		W2 Middle			mg/L	Action: 6.5mg/L (95%-tile)	Cause of Exceedance:	Localized fluctuation around baseline DO range; no river channel blockage was observed
	15/8/2022	Mid-ebb	W8 Bottom	DO	5.6	mg/L	Action: 5.9mg/L (95%-tile)	ET's conclusions and	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures
								recommendations for mitigation:	and cofferdam condition
								the mitigation: Action required under EAP:	Cofferdam was checked and no linkage or discharge of polluted water was observed  1. Repeat measurement on next day of exceedance to confirm findings;
								Action required drider EAP.	Repeat measurement on next day of exceedance to commit initialities,     Identify source(s) of impact;
									3. Inform IEC, contractor and ER:
									Check monitoring data, all plant, equipment and Contractor's working methods.
								Action taken under EAP:	2, 3 & 4 (1 - N/A due to not related project works)
								Comments/Remarks	No exceedance recorded in the next monitoring event
							1	Common torridate	The exception reserved in the most memoring event



Ref. No.	Date	Time	Location	Parameter	Value	Unit	Level exceeded	Follow-up action	
X W041	22/8/2022	Mid-flood	W1 Middle	DO	6.4	mg/L	Action: 6.5mg/L (95%-tile)	Cause of Exceedance:	Localized fluctuation around baseline DO range; no river channel blockage was observed
	22/8/2022		W4 Middle			mg/L	Action: 6.5mg/L (95%-tile)	ET's conclusions and	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures
						"		recommendations for mitigation:	and cofferdam condition
	22/8/2022	Mid-ebb	W7 Middle	DO	5.8	mg/L	Action: 5.9mg/L (95%-tile)	Contractor's actions to implement	Construction activities were checked;
						-		the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
								Action required under EAP:	<ol> <li>Repeat measurement on next day of exceedance to confirm findings;</li> </ol>
									2. Identify source(s) of impact;
									3. Inform IEC, contractor and ER;
									<ol><li>Check monitoring data, all plant, equipment and Contractor's working methods.</li></ol>
								Action taken under EAP:	2, 3 & 4 (1 - N/A due to not related project works)
								Comments/Remarks	No exceedance recorded in the next monitoring event
X_W042	26/8/2022		W4 Middle			mg/L	Action: 6.5mg/L (95%-tile)	Cause of Exceedance:	Localized fluctuation around baseline DO range; no river channel blockage was observed
	26/8/2022	Mid-ebb	W8 Bottom	DO	5.6	mg/L	Action: 5.9mg/L (95%-tile)	ET's conclusions and	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures
								recommendations for mitigation:	and cofferdam condition
									Construction activities were checked;
								the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
								Action required under EAP:	Repeat measurement on next day of exceedance to confirm findings;
									2. Identify source(s) of impact;
									3. Inform IEC, contractor and ER;
									4. Check monitoring data, all plant, equipment and Contractor's working methods.
								Action taken under EAP:	2, 3 & 4 (1 - N/A due to not related project works)
2/ 14/040	29/8/2022	Mid-ebb	W6 Middle	D.O.			A .: 5.0 # (050/ ::1.)	Comments/Remarks	No exceedance recorded in the next monitoring event
X_W043	29/8/2022	Mid-ebb	W7 Middle			mg/L	Action: 5.9mg/L (95%-tile)	Cause of Exceedance: ET's conclusions and	Localized fluctuation around baseline DO range; no river channel blockage was observed
	29/0/2022	Mid-epp	vv / ivildale	DO	5.0	mg/L	Action: 5.9mg/L (95%-tile)	recommendations for mitigation:	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures and cofferdam condition
	29/8/2022	Mid obb	W8 Surface	DO.	5.6	mg/L	Action: 5.9mg/L (95%-tile)	Contractor's actions to implement	
	29/0/2022	Mid-epp	Wo Surface	100	3.0	IIIg/L	Action: 5.9mg/E (95 /6-tile)	the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
	29/8/2022	Mid obb	W8 Bottom	DO.	5.6	mg/L	Action: 5.9mg/L (95%-tile)	Action required under EAP:	Repeat measurement on next day of exceedance to confirm findings;
	29/0/2022	Wild-epp	WO DOLLOIN	100	3.0	IIIg/L	Action: 5.9mg/E (9570-tile)	Action required under EAL.	Identify source(s) of impact;
									3. Inform IEC, contractor and ER;
									Check monitoring data, all plant, equipment and Contractor's working methods.
								Action taken under EAP:	2, 3 & 4 (1 - N/A due to not related project works)
								Comments/Remarks	No exceedance recorded in the next monitoring event
X W044	31/8/2022	Mid-ebb	W7 Middle	DO	5.5	mg/L	Action: 5.9mg/L (95%-tile)	Cause of Exceedance:	Localized fluctuation around baseline DO range; no river channel blockage was observed
						3	]	ET's conclusions and	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures
								recommendations for mitigation:	and cofferdam condition
								Contractor's actions to implement	Construction activities were checked:
								the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
								Action required under EAP:	Repeat measurement on next day of exceedance to confirm findings;
									2. Identify source(s) of impact;
									3. Inform IEC, contractor and ER;
									4. Check monitoring data, all plant, equipment and Contractor's working methods.
								Action taken under EAP:	2, 3 & 4 (1 - N/A due to not related project works)
								Comments/Remarks	No exceedance recorded in the next monitoring event



Ref. No.	Date	Time	Location	Parameter	Value	Unit	Level exceeded	Follow-up action	
X W045	5/9/2022	Mid-flood	W2 Middle	DO	5.8	mg/L	Action: 6.5mg/L (95%-tile)	Cause of Exceedance:	Localized fluctuation around baseline DO range; no river channel blockage was observed
	5/9/2022	Mid-flood	W4 Middle	DO	6.0	mg/L	Action: 6.5mg/L (95%-tile)	ET's conclusions and	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures
						-		recommendations for mitigation:	and cofferdam condition
									Construction activities were checked;
								the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
								Action required under EAP:	Repeat measurement on next day of exceedance to confirm findings;
									2. Identify source(s) of impact;
									3. Inform IEC, contractor and ER;
								L	Check monitoring data, all plant, equipment and Contractor's working methods.
								Action taken under EAP:	2, 3 & 4 (1 - N/A due to not related project works)
2/ 14/040	F 10 10 00 0		14/7 14: 1 11	20	40.0		A 11 40 0 11 (000) (11 )	Comments/Remarks	DO level remains low in the next monitoring event
X_W046	5/9/2022	Mid-ebb	W7 Middle	55	12.9	mg/L	Action: 12.6 mg/L (99%-tile)	Cause of Exceedances:	High waves was observed at near shore sampling location W7 during mid-ebb. Water current may stir
								ET's conclusions and	up the sea shore and sea bed sediment and cause the exceedance.  Exceedance not related to project, advised contractor to maintain on-going water mitigation measures
								recommendations for mitigation:	and cofferdam condition
								Contractor's actions to implement	
								the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
						1		Action required under EAP:	Repeat measurement on next day of exceedance to confirm findings;
						1			2. Identify source(s) of impact;
									3. Inform IEC, contractor, ER and EPD;
									4. Check monitoring data, all plant, equipment and Contractor's working methods;
								Action taken under EAP:	2, 3 & 4 (1 - N/A due to not related project works)
								Comments/Remarks	No exceedance recorded in the next monitoring event
X W047	7/9/2022	Mid-flood	W2 Middle	DO	5.9	mg/L	Action: 6.5mg/L (95%-tile)	Cause of Exceedance:	Localized fluctuation around baseline DO range; no river channel blockage was observed
	7/9/2022	Mid-flood	W4 Middle	DO	6.0	mg/L	Action: 6.5mg/L (95%-tile)	ET's conclusions and	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures
						-		recommendations for mitigation:	and cofferdam condition
								Contractor's actions to implement	
								the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
								Action required under EAP:	Repeat measurement on next day of exceedance to confirm findings;
									2. Identify source(s) of impact;
									3. Inform IEC, contractor and ER;
									4. Check monitoring data, all plant, equipment and Contractor's working methods.
								Action taken under EAP:	2, 3 & 4 (1 - N/A due to not related project works)
V 14/040	7/0/0000	Mid-ebb	VA/C NA: -I-II-	DO			Action: 5.9mg/L (95%-tile)	Comments/Remarks Cause of Exceedance:	No exceedance recorded in the next monitoring event  Localized fluctuation around baseline DO range; no river channel blockage was observed
X_W048	7/9/2022 7/9/2022	Mid-ebb	W5 Middle W6 Middle			mg/L		ET's conclusions and	
	11912022	iviiu-epb	vvo iviidale	DO	3.6	mg/L	Action: 5.9mg/L (95%-tile)	recommendations for mitigation:	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures and cofferdam condition
	7/9/2022	Mid-ebb	W7 Middle	DO	5.7	mg/L	Action: 5.9mg/L (95%-tile)	Contractor's actions to implement	
	11012022	WIIG-GDD	**/ Wildule	50	3.7	mg/L	/ toton. J.ang/E (30 /0-116)	the mitigation:	Constitution activities were checked,  Cofferdam was checked and no linkage or discharge of polluted water was observed
	7/9/2022	Mid-ebh	W8 Surface	DO	5.6	mg/L	Action: 5.9mg/L (95%-tile)	Action required under EAP:	Repeat measurement on next day of exceedance to confirm findings;
	.,0,2022		5 54400		]				Identify source(s) of impact;
						1			3. Inform IEC, contractor and ER;
						1			Check monitoring data, all plant, equipment and Contractor's working methods.
						1		Action taken under EAP:	2, 3 & 4 (1 - N/A due to not related project works)
						<u> </u>		Comments/Remarks	No exceedance recorded in the next monitoring event
X_W049	9/9/2022		W1 Middle	DO	6.1	mg/L	Action: 6.5mg/L (95%-tile)	Cause of Exceedance:	Localized fluctuation around baseline DO range; no river channel blockage was observed
-	9/9/2022	Mid-flood	W2 Middle	DO	5.9	mg/L	Action: 6.5mg/L (95%-tile)	ET's conclusions and	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures
						-		recommendations for mitigation:	and cofferdam condition
	9/9/2022	Mid-flood	W4 Middle	DO	6.0	mg/L	Action: 6.5mg/L (95%-tile)		Construction activities were checked;
						1		the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
						1		Action required under EAP:	Repeat measurement on next day of exceedance to confirm findings;
						I			2. Identify source(s) of impact;
						1			3. Inform IEC, contractor and ER;
						1		l	Check monitoring data, all plant, equipment and Contractor's working methods.
						1		Action taken under EAP:	2, 3 & 4 (1 - N/A due to not related project works)
								Comments/Remarks	DO level remains low in the next monitoring event



Ref. No.	Date	Time	Location	Parameter	Value	Unit	Level exceeded	Follow-up action	
X_W050	9/9/2022	Mid-flood	W1 Middle	SS	57.9	mg/L	Limit: 11.3 mg/L (99%-tile)	Cause of Exceedances:	Special localized extreme water quality due to no Turb or SS exceedances recorded before W1; muddy river water flow was observed at the upper end of the river after W2 during mid-flood may cause the exceedance of SS at W1
								ET's conclusions and recommendations for mitigation:	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures and cofferdam condition
								Contractor's actions to implement	Construction activities were checked:
								the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
								Action required under EAP:	Repeat measurement on next day of exceedance to confirm findings;
								/ totton rodanou ando: 27 ti :	2. Identify source(s) of impact;
									3. Inform IEC, contractor, ER and EPD;
									Check monitoring data, all plant, equipment and Contractor's working methods;
									Discuss mitigation measures with IEC, ER and Contractor.
								Action taken under EAP:	2, 3 & 4 (1 & 5 - N/A due to not related project works)
								Comments/Remarks	No exceedance recorded in the next monitoring event
X W051	9/9/2022	Mid-ebb	W5 Middle	DO	5.6	mg/L	Action: 5.9mg/L (95%-tile)	Cause of Exceedance:	Localized fluctuation around baseline DO range: no river channel blockage was observed
	9/9/2022	Mid-ebb	W6 Middle		5.7	mg/L	Action: 5.9mg/L (95%-tile)	ET's conclusions and	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures
	0/0/2022		110 11		0	g, _		recommendations for mitigation:	and cofferdam condition
	9/9/2022	Mid-ebb	W7 Middle	DO.	5.7	mg/L	Action: 5.9mg/L (95%-tile)	Contractor's actions to implement	Construction activities were checked:
	0/0/2022				0	g, _		the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
	9/9/2022	Mid-ebb	W8 Surface	DO	5.8	mg/L	Action: 5.9mg/L (95%-tile)	Action required under EAP:	Repeat measurement on next day of exceedance to confirm findings;
									2. Identify source(s) of impact;
									3. Inform IEC, contractor and ER;
									4. Check monitoring data, all plant, equipment and Contractor's working methods.
	9/9/2022	Mid-ebb	W8 Bottom	DO.	5.6	mg/L	Action: 5.9mg/L (95%-tile)	Action taken under EAP:	2, 3 & 4 (1 - N/A due to not related project works)
							,	Comments/Remarks	No exceedance recorded in the next monitoring event
X W052	13/9/2022	Mid-flood	W2 Middle	DO	5.7	mg/L	Action: 6.5mg/L (95%-tile)	Cause of Exceedance:	Localized fluctuation around baseline DO and water quality range; no river channel blockage was
							,		observed; no muddy water was observed; no discharge or water leakage from the construction site was
									observed
	13/9/2022	Mid-flood	W4 Middle	DO	5.7	mg/L	Action: 6.5mg/L (95%-tile)	ET's conclusions and	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures
						~		recommendations for mitigation:	and cofferdam condition
	13/9/2022	Mid-ebb	W6 Middle	Turb	10.0	NTU	Action: 9.8 NTU (95%-tile)	Contractor's actions to implement	Construction activities were checked;
							, , ,	the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
								Action required under EAP:	Repeat measurement on next day of exceedance to confirm findings;
									2. Identify source(s) of impact;
									3. Inform IEC, contractor and ER;
									Check monitoring data, all plant, equipment and Contractor's working methods.
								Action taken under EAP:	2, 3 & 4 (1 - N/A due to not related project works)
								Comments/Remarks	DO level remains low in the next monitoring event
X_W053	15/9/2022	Mid-ebb	W5 Middle	Turb	12.3	NTU	Limit: 10.5 NTU (99%-tile)	Cause of Exceedance:	Extreme low water level was observed from the up stream; yellow-ish pigment was observed during mid-
									ebb at the open water (from W5 to W8); no discharge or leakage from the construction site was found
		l		L .			l		
	15/9/2022	Mid-ebb	W6 Middle	Turb	10.8	NTU	Limit: 10.5 NTU (99%-tile)	ET's conclusions and	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures
		l		L .			[	recommendations for mitigation:	and cofferdam condition
	15/9/2022	Mid-ebb	W7 Middle	Turb	10.7	NTU	Limit: 10.5 NTU (99%-tile)	Contractor's actions to implement	Construction activities were checked;
		l	l	<u>_</u> .			l., .,	the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
	15/9/2022	Mid-ebb	W8 Surface	Turb	10.7	NTU	Limit: 10.5 NTU (99%-tile)	Action required under EAP:	Repeat measurement on next day of exceedance to confirm findings;
							1		2. Identify source(s) of impact;
							1		3. Inform IEC, contractor, ER and EPD;
							1		4. Check monitoring data, all plant, equipment and Contractor's working methods;
							1	l	Discuss mitigation measures with IEC, ER and Contractor.
							1	Action taken under EAP:	2, 3 & 4 (1 & 5 - N/A due to not related project works)
							1	Comments/Remarks	Yellow pigment was still observed accumilating at shallow water sampling site W5 in the next monitoring
		<u> </u>			1				event



Ref. No.	Date	Time	Location	Parameter	Value	Unit	Level exceeded	Follow-up action	
X W054	17/9/2022	Mid-ebb	W5 Middle	Turb	11.3	NTU	Limit: 10.5 NTU (99%-tile)	Cause of Exceedance:	Yellow-ish pigment from the previous event was still observed and accumulated at shallow water area
			-			-	` ′		(W5); no discharge or leakage from the construction site was found
								ET's conclusions and	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures
								recommendations for mitigation:	and cofferdam condition
								Contractor's actions to implement	Construction activities were checked;
								the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
								Action required under EAP:	Repeat measurement on next day of exceedance to confirm findings;
									2. Identify source(s) of impact;
									Inform IEC, contractor, ER and EPD;
									4. Check monitoring data, all plant, equipment and Contractor's working methods;
									Discuss mitigation measures with IEC, ER and Contractor.
								Action taken under EAP:	2, 3 & 4 (1 & 5 - N/A due to not related project works)
								Comments/Remarks	No exceedance recorded in the next monitoring event
X_W055	19/9/2022	Mid-flood	W1 Middle	DO	6.5	mg/L	Action: 6.5mg/L (95%-tile)	Cause of Exceedance:	Localized fluctuation around baseline DO range; no river channel blockage was observed; significant
									amount of foams was observed at near-shore areas and may cause the exceedance for Turb and SS;
									no discharge or water leakage from the construction site was observed
	19/9/2022	Mid-flood	W2 Middle	Turb	8.4	NTU	Action: 7.7 NTU (95%-tile)	ET's conclusions and	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures
								recommendations for mitigation:	and cofferdam condition
	19/9/2022	Mid-flood	W4 Middle	DO	6.5	mg/L	Action: 6.5mg/L (95%-tile)	Contractor's actions to implement	Construction activities were checked;
								the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
	19/9/2022	Mid-flood	W4 Middle	SS	60.7	mg/L	Limit: 54.3 mg/L (99%-tile)	Action required under EAP:	Repeat measurement on next day of exceedance to confirm findings;
									Identify source(s) of impact;
									3. Inform IEC, contractor, ER and EPD;
									4. Check monitoring data, all plant, equipment and Contractor's working methods;
									Discuss mitigation measures with IEC, ER and Contractor.
	19/9/2022		W6 Middle		10.3		Action: 9.8 NTU (95%-tile)	Action taken under EAP:	2, 3 & 4 (1 & 5 - N/A due to not related project works)
	19/9/2022	Mid-ebb	W6 Middle		15.2		Limit: 15 mg/L (99%-tile)	Comments/Remarks	No exceedance recorded in the next monitoring event
X_W056	21/9/2022		W2 Middle			mg/L	Action: 6.5mg/L (95%-tile)	Cause of Exceedance:	Localized fluctuation around baseline DO range; no river channel blockage was observed
	21/9/2022	Mid-ebb	W7 Middle	ро	5.9	mg/L	Action: 5.9mg/L (95%-tile)	ET's conclusions and	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures
								recommendations for mitigation:	and cofferdam condition
								Contractor's actions to implement	Construction activities were checked;
								the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
								Action required under EAP:	Repeat measurement on next day of exceedance to confirm findings;
									2. Identify source(s) of impact;
									3. Inform IEC, contractor and ER;
									4. Check monitoring data, all plant, equipment and Contractor's working methods.
								Action taken under EAP:	2, 3 & 4 (1 - N/A due to not related project works)
							A .: 50 # (050/ ::)	Comments/Remarks	No exceedance recorded in the next monitoring event
X_W057	26/9/2022	Mid-ebb	W8 Bottom	סמן	5.8	mg/L	Action: 5.9mg/L (95%-tile)	Cause of Exceedance:	Localized fluctuation around baseline DO range; no river channel blockage was observed
								ET's conclusions and	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures
								recommendations for mitigation:	and cofferdam condition
								Contractor's actions to implement	Construction activities were checked;
								the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
								Action required under EAP:	Repeat measurement on next day of exceedance to confirm findings;  Advantify accuracing of impacts.  Advantify accuracing the impacts.
									2. Identify source(s) of impact;
									3. Inform IEC, contractor and ER;
								Action taken under EAD	Check monitoring data, all plant, equipment and Contractor's working methods.
								Action taken under EAP:	2, 3 & 4 (1 - N/A due to not related project works)
								Comments/Remarks	No exceedance recorded in the next monitoring event



Ref. No.	Date	Time	Location	Parameter	Value	Unit	Level exceeded	Follow-up action	
X_W058	28/9/2022	Mid-ebb	W8 Bottom	SS	12.8	mg/L	Action: 12.6mg/L (95%-tile)	Cause of Exceedance:	Strong monsoon signal was on and the strong wind may produce strong under-surface current which
_						-			stir up the sediment at the sea floor, causing slightly high SS level at W8 Bottom
								ET's conclusions and	Exceedance not related to project, advised contractor to maintain on-going water mitigation measures
								recommendations for mitigation:	and cofferdam condition
								Contractor's actions to implement	Construction activities were checked;
								the mitigation:	Cofferdam was checked and no linkage or discharge of polluted water was observed
								Action required under EAP:	Repeat measurement on next day of exceedance to confirm findings;
									2. Identify source(s) of impact;
									3. Inform IEC, contractor and ER;
									4. Check monitoring data, all plant, equipment and Contractor's working methods.
								Action taken under EAP:	2, 3 & 4 (1 - N/A due to not related project works)
				1				Comments/Remarks	No exceedance recorded in the next monitoring event



Appendix 8.1

Complaint Log





## Environmental Complaints Log

Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
-	-	-	-	-	-	-