



# Contract No. 13/WSD/17

# Design, Build and Operate First Stage of Tseung Kwan O **Desalination Plant**

# **Operation Phase Monthly EM&A Report No.2** (Period from 1 August to 31 August 2024)

## Document No.

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Position	Environmental Team Leader
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Date:	14 September 2024



Our ref.: LES/J2024-01/CS/L037

Date : 16 Sep 2024

By Post and Email

Water Supplies Department New Works Branch Consultants Management Division 6/F, Sha Tin Government Offices, 1 Sheung Wo Che Road, Sha Tin, New Territories

Attn: Mr. W F Cheung/ S K Wong

## Dear Sirs,

Independent Environmental Checker (IEC) for Construction and Operation of the First Stage Desalination Plant at Tseung Kwan O (Quotation Ref. No. TKO1/IEC/003)

# <u>Verification of Operation Phase Monthly Environmental Monitoring and Audit (EM&A)</u>

## **Report for August 2024**

Referring to the Operation Phase Monthly Environmental Monitoring and Audit Report (August 2024) Rev.2.0 as submitted by the Environmental Team on 16 September 2024, we hereby verify the captioned report for further submission to the Director's Representative of the Project according to Clause 3.5 of the Environmental Permit EP-503/2015/B and Further Environmental Permit FEP-01/503/2015/B.

Should you have any queries, please contact the undersigned at 61496683, or email at serenashek@lamenviro.com.

Yours sincerely,
For and On Behalf Of
Lam Environmental Services Limited

Serena Shek

Independent Environmental Checker

Binnies (Attn.: Derek Lai) By E-mail
Aurecon (Attn.: Toby Wan) By E-mail

Contract No. 13/WSD/17 Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant Operation Phase Monthly EM&A Report No.2



# **REVISION HISTORY**

REV.	DESCRIPTION OF MODIFICATION	DATE
1.	First Issue for Comments	09/09/2024
2.	Revised According to Comments	14/09/2024

Contract No. 13/WSD/17 Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant Operation Phase Monthly EM&A Report No.2



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## **EXECUTIVE SUMMARY**

### **INTRODUCTION**

- A1. The Project, Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant (TKODP), is a Designated Project under the Environmental Impact Assessment Ordinance (Cap. 499) (EIAO) and is currently governed by a Further Environmental Permit (EP No. FEP 01/503/2015/B) for the operation phase of the Contract.
- A2. In accordance with the Environmental Monitoring and Audit (EM&A) Manual for the Contract, EM&A works for marine water quality, waste management and ecology should be carried out by Environmental Team (ET), Aurecon Hong Kong Limited (Aurecon), during the Tseung Kwan O Desalination Plant.
- A3. The TKODP commenced the operation stage on 1 July 2024. This is the 2<sup>nd</sup> Operation Phase Monthly EM&A Report, prepared by Aurecon, for the Contract summarizing the monitoring results and audit findings of the EM&A programme at and around Tseung Kwan O Area 137 (TKO 137) during first-year operation of Tseung Kwan O Desalination Plant in August 2024.
- A4. The EM&A programme for this contract has covered environmental monitoring on water quality and Contractor's environmental performance auditing in the aspects of dust, landfill gas, water quality, waste management, Landscape and Visual and Ecology.

# SUMMARY OF EXCEEDANCE & INVESTIGATION & FOLLOW-UP

## WATER QUALITY MONITORING

- A5. The EM&A works for operation phase marine water quality were conducted during the reporting period in accordance with the EM&A Manual. Twenty-three (23) of SS obtained had exceeded the Action Level. Fifty(50) of SS obtained during the reporting period had exceeded the Limit Level.
- A6. The EM&A works for continuous monitoring of effluent quality were conducted during the reporting period in accordance with the EM&A Manual. No exceedance of the sampling was obtained during the reporting period had exceeded the Limit Level.

#### **ECOLOGY IMPACT MONITORING**

- A7. Monthly operation phase coral monitoring works was conducted on 21 August 2024. There is no AL/LL exceedance during the monitoring period.
- A8. Operation phase fishery monitoring for wet season 2024 was carried out on 24 and 31 August 2024. The detail of the monitoring will be presented when the result is available.



### **LANDFILL GAS MONITORING**

A9. In this reporting period, monthly landfill gas monitoring was conducted on 16 and 17 August 2024. No exceedances of action level and limit level was observed.

### **WEEKLY SITE INSPECTIONS**

A10. In this reporting period, site inspections were carried out by ET on 6, 13, 20 and 26 August 2024. Joint site inspections of the operation work by ET were and IEC were carried out on 26 August 2024 to audit the mitigation measures implementation status.

### **COMPLAINT HANDLING AND PROSECUTION**

A11. No environmental complaint, notification of summons and prosecution was received in the reporting period.

### **REPORTING CHANGE**

- A12. There was no change to be reported that may affect the on-going EM&A programme.
- A13. According to the contractor's information, the TKODP commenced operation phase on 1 July 2024. The outstanding construction works were being carried out during this reporting period. Details of the construction phase monitoring will be presented in the Construction Phase Monthly EM&A Report.



## 1. Basic Contract Information

#### **BACKGROUND**

- 1.1. The Acciona Agua, S.A. Trading, Jardine Engineering Corporation, Limited and China State Construction Engineering (Hong Kong) Limited as AJC Joint Venture (AJCJV) is contracted to carry out the Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant (DPTKO) under Contract No. 13/WSD/17 (the Contract).
- 1.2. Aurecon Hong Kong Limited (Aurecon) is commissioned by AJCJV to undertake the Environmental Team (ET) services as required and/or implied, both explicitly and implicitly, in the Environmental Permit (EP), Environmental Impact Assessment Report (EIA Report) (Register No. AEIAR-192/2015) and Environmental Monitoring and Audit Manual (EM&A Manual) for the Contract; and to carry out the Environmental Monitoring and Audit (EM&A) programme in fulfillment of the EIA Report's EM&A requirements and Contract No. 13/WSD/17 Specification requirements.
- 1.3. Pursuant to the Environmental Impact Assessment Ordinance (EIAO), the Director of Environmental Protection granted the Environmental Permit (No. EP-01/503/2015/B) to Water Supplies Department (WSD); and granted the Further Environmental Permit (No. FEP-01/503/2015/B) to AJCJV for the Contract.

#### THE REPORTING SCOPE

1.4. This is the 2<sup>nd</sup> Operation Phase Monthly EM&A Report for the Contract which summarizes the key findings of the EM&A programme of the Tseung Kwan O Desalination Plant Operation phase during the reporting period from 1 August 2024 to 31 August 2024.

#### **CONTRACT ORGANIZATION**

1.5. The Contract Organization structure for Operation Phase is presented in **Figure 1.1**.

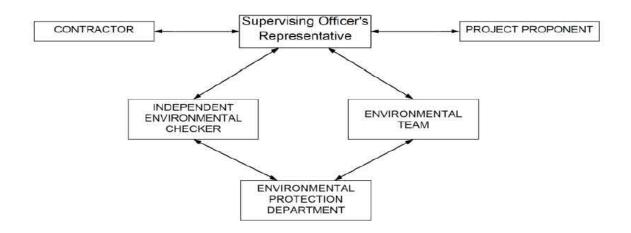


Figure 1.1 Contract Organization Chart

1.6. Contact details of the key personnel are presented in **Table 1.1** below:

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**Table 1.1 Contact Details of Key Personnel** 

Party	Position	Name	Telephone no.
Contract Proponent (Water Supplies Department)	SE/CM2	Milton Law	2634-3573
Supervising Officer	Project Manager	Augustine Li	2608-7671
(Binnies Hong Kong Limited)	Chief Resident Engineer	Roger Wu	6343-1002
	Project Manager	Stephen Yeung	2807-4665
The Jardine Engineering Corporation, Limited, China State Construction Engineering (Hong Kong) Limited and	Environmental Monitoring Manager	Brian Kam	9456-9541
Acciona Agua, S.A. Trading	Environmental Monitoring Manager	Tommy Law	6468-1782
Aurecon Hong Kong Limited	Environmental Team Leader	Toby Wan	9719-5422
Lam Environmental Services Limited	Independent Environmental Checker (IEC)	Serena Shek	6149-6683

#### **SUMMARY OF OPERATION WORKS**

- 1.7. Details of the major operation activities undertaken in this reporting period are shown below.
- 1.8. As informed by the Contractor, key activities carried out in this reporting period for the Contract included the followings:
  - Production of water
- 1.9. The key environmental mitigation measures implemented for the Contract in this reporting period associated with the above operation works include:
  - Regularly monitoring of the effluent
  - Sorting and storage of general refuse and operation waste
- 1.10. Summary of the valid permits, licences, and/or notifications on environmental protection for this Contract is presented in **Table 1.2**.



Table 1.2 Summary of the Status of Valid Environmental Licence, Notification, Permit and Documentations

Dormit / Liganges	Valid Period		Status	Remark	
Permit/ Licences	From	То	Status	Kemark	
<b>Environmental Permit</b>					
EP-503/2015/B	Throughout th	ne Contract	Valid	-Issued on 3 April 2024	
FEP - 01/503/2015/B	Throughout th	ne Contract	Valid	-Issued on 3 April 2024	
Billing Account for Dis	posal				
7036276	Throughout th	ne Contract	Valid	-	
Sludge (Special Waste)	Disposal (Adr	nission Ticket	)		
17913	01/07/2024	24/12/2024	Valid		
Chemical Waste Produ	cer Registratio	on			
5213-839-A2987-01	Throughout the Contract		Valid	-	
Wastewater Discharge	Licence (Land	and Marine w	orks)		
WT00035775-2020	23/08/2021	31/07/2025	Valid	-	
WT00044188-2023	16/06/2023	30/06/2028	Valid	For Plant T&C and operation. Variation sampling point S.P.1 is approved by the EPD on 25 June 2024 (EPD ref.: EP640/W3/D1358/462874).	

1.11. The status for all environmental aspects is presented in **Table 1.3**.

Table 1.3 Summary of Status for Key Environmental Aspects under the EM&A Manual

Parameters	Status
Water Quality	
Baseline Monitoring under EM&A Manual	The baseline water quality monitoring was conducted between 12 May 2020 to 6 Jun 2020.
Operation phase Marine Impact Monitoring	On-going
Continuous Monitoring of Effluent Quality	On-going
Waste Management	



Parameters	Status	
Mitigation Measures in Waste Management Plan	On-going	
Landfill Gas		
Monthly Monitoring for buildings, manholes and utility pits within the Project Site and along the fresh water mains	On-going	
Ecology (Coral)		
Operation phase Regular Coral Monitoring (Monthly)	On-going	
Ecology (Fishery)		
Operation phase Regular Fishery Monitoring (Seasonally)	On-going	
Landscape		
Operation phase Landscape and Visual Site Inspection	On-going	
Environmental Audit		
Site Inspection covering Measures of Air Quality, Water Quality, Waste, Ecological Quality, Fisheries, Landscape and Visual	On-going	

- 1.12. Other than the EM&A work by ET, environmental briefings, trainings, and regular environmental management meetings were conducted, in order to enhance environmental awareness and closely monitor the environmental performance of the contractors.
- 1.13. The EM&A programme has been implemented in accordance with the recommendations presented in the approved EIA Report and the EM&A Manual. A summary of implementation status of the environmental mitigation measures for the operation phase of the Contract during the reporting period is provided in **Appendix B**.



# 2. WATER QUALITY

- 2.1. In accordance with the recommendations of the EIA, water quality monitoring is required during operation phase. The following Section provides details of the water quality monitoring to be undertaken by the Environmental Team (ET) to verify the distance of sediment and brine plume dispersion and to identify whether the potential exists for any indirect impacts to occur to ecological sensitive receivers.
- 2.2. The water quality monitoring programme was be carried out to allow any deteriorating water quality to be readily detected and timely action taken to rectify the situation.
- 2.3. Water quality monitoring for the Contract can be divided into the following stages:
  - (a) Operation phase Marine Water Quality Monitoring first year upon commissioning
  - (b)Continuous Monitoring of Effluent Quality

### WATER QUALITY PARAMETERS

- 2.4. Parameters to be measured in the marine water quality monitoring and the Continuous Monitoring of Effluent Quality are listed in **Table 2.1** and **Table 2.2** respectively.
  - a) Operation phase Marine Water Quality Monitoring
- 2.5. The parameters for the marine water quality monitoring that have been selected for measurement in situ and in the laboratory are those that were either determined in the EIA to be those with the most potential to be affected by the operation works or are a standard check on water quality conditions.

Table 2.1 Parameters measured in the Marine Water Quality Monitoring

Parameters	Unit	Abbreviation		
In-situ measurements				
Dissolved oxygen	mg/L	DO		
Temperature	oC	-		
рН	-	-		
Turbidity	NTU	-		
Salinity	0/00	-		
Total Residual Chlorine	mg/L	TRC		
Laboratory measurements				
Suspended Solids	mg/L	SS		
Iron-Soluble	mg/L	Fe		
Anti-scalant as Reactive Phosphorus*	mg/L	PO4 as P-		

<sup>\*</sup>Remark: Anti-scalant water quality testing will only be conducted whenever anti-scalant dosage is adopted.



- b) Continuous Monitoring of Effluent Quality
- 2.6. The monitoring requirement for the continuous effluent quality monitoring shall be conducted in accordance with the effluent parameters and standards stipulated by the Water Pollution Control Ordinance Discharge License (No.: WT00044188-2023) conditions.

Table 2.2 Parameters measured in the Continuous Monitoring of Effluent Quality

Parameters	Unit	Abbreviation		
In-situ measurements				
Temperature	٥C	-		
рН	рН	-		
Salinity	0/00	-		
Total Residual Chlorine	mg/L	TRC		
Laboratory measurements				
Suspended Solids	mg/L	SS		
Iron-Soluble	mg/L	Fe		
Total Inorganic Nitrogen	mg/L	-		
Total Phosphorus	mg/L	-		
Sodium Metabisulphite	mg/L	SMBS		
Anti-scalant as Reactive Phosphorus *	mg/L	PO4 as P-		

<sup>\*</sup>Remark: Anti-scalant water quality testing will only be conducted whenever anti-scalant dosage is adopted.

2.7. In addition to the marine water quality parameters, other relevant data were also being measured and recorded in Water Quality Monitoring Logs, including the location of the sampling stations, water depth, time, weather conditions, sea conditions, tidal stage, current direction and velocity, special phenomena and work activities undertaken around the monitoring and works area that may influence the monitoring results.

### **MONITORING EQUIPMENT**

- a) Operation phase Marine Water Quality Monitoring
- 2.8. For water quality monitoring, the following equipment were used:

**Dissolved Oxygen and Temperature Measuring Equipment** - The instrument was a portable, weatherproof dissolved oxygen measuring instrument complete with cable, sensor, comprehensive operation manuals, and was operable from a DC power source. It was capable of measuring: dissolved oxygen levels in the range of  $0 - 20 \, \text{mg/L}$  and 0 - 200% saturation; and a temperature of 0 - 45 degrees Celsius. It has a membrane electrode with automatic temperature compensation complete with a cable of not less than 35 m in length. Sufficient stocks of spare electrodes and cables were available for replacement where necessary (e.g. YSI model 59 DO meter, YSI 5739 probe, YSI 5795A submersible stirrer with reel and cable or an approved similar instrument).



**Turbidity Measurement Equipment** - The instrument was a portable, weatherproof turbidity-measuring unit complete with cable, sensor and comprehensive operation manuals. The equipment was operated from a DC power source, it has a photoelectric sensor capable of measuring turbidity between 0 - 1000 NTU and complete with a cable with at least 35 m in length (for example Hach 2100P or an approved similar instrument).

**Salinity Measurement Instrument** - A portable salinometer capable of measuring salinity in the range of 0 - 40 ppt was provided for measuring salinity of the water at each monitoring location.

**Water Depth Gauge** – A portable, battery-operated echo sounder (for example Seafarer 700 or a similar approved instrument) was used for the determination of water depth at each designated monitoring station. This unit will preferably be affixed to the bottom of the work boat if the same vessel is to be used throughout the monitoring programme. The echo sounder was suitably calibrated.

**Positioning Device** – A Global Positioning System (GPS) was used during monitoring to allow accurate recording of the position of the monitoring vessel before taking measurements. The Differential GPS, or equivalent instrument, was suitably calibrated at appropriate checkpoint (e.g. Quarry Bay Survey Nail) to verify that the monitoring station is at the correct position before the water quality monitoring commence.

**Water Sampling Equipment** - A water sampler, consisting of a PVC or glass cylinder of not less than two litres, which can be effectively sealed with cups at both ends, was used. The water sampler has a positive latching system to keep it open and prevent premature closure until released by a messenger when the sampler is at the selected water depth.

**Total Residual Chlorine** -Total residual chlorine (TRC) shall be measured in-situ using approved test kit.

- b) Continuous Monitoring of Effluent Quality
- 2.9. The equipment to be used for the effluent quality monitoring was summarizes in **Table 2.3**.

Table 2.3 Parameters measured in the Continuous Monitoring of Effluent Quality

Equipment	Model
Refrigerated Sampler	Teledyne ISCO 5800
Online sampler for real-time monitoring (Xylem WTW IQ SensorNet system and sensors)	DIQ/S 284-PR: Universal Transmitter to operate up to 4 digital IQ sensors, with PROFIBUS-connection



Equipment	Model
	TetraCon® 700 IQ SW: Digital 4 electrode conductivity cell, in seawater design, suited for heavily polluted water, for use with the IQ SENSOR NET. With integrated temperature sensor
	VisoTurb® 700 IQ SW: Digital turbidity sensor for industrial and seawater applications (ultrasonic cleaning) for use with the IQ SENSOR NET system
	SensoLyt® 700 IQ SW: Robust digital pH/ORP sensor for SensoLyt® SEA/DWA/ECA/PtA pH/ORP electrodes, in sea water design, for use with the IQ SENSOR NET. With built-in pre-amplifier and temperature sensor (NTC), with SensCheck function
	FDO®700 IQ SW: Digital calibration free optical D.O. sensor (universal use). Optimized for measuring and controlling the O2 input in seawater applications, for use with IQ SENSOR NET. Factory calibrated system composed of sensor FDO® 700 IQ SW, membrane cap SCFDO® 700 and protective cap MSK FDO®
	Chlorine 3017M: Online analyzer for photometric measurement of free and total chlorine, according to colorimetric DPD Method (ISO &US EPA); outputs (selectable): 4 to 20 mA or RS 485

Based on Section 5.1.3 of the EM&A Manual, the online sampler for real-time monitoring will be tested before use by HOKLAS-accredited laboratory and will be re-calibrated at monthly intervals throughout the stages of effluent quality monitoring.

# **SAMPLING / TESTING PROTOCOLS**

2.10. All in situ monitoring instruments were checked, calibrated, and certified by a laboratory accredited under HOKLAS or any other international accreditation scheme before use, and subsequently re-calibrated at monthly intervals throughout the stages of the water



quality monitoring. Responses of sensors and electrodes were checked with certified standard solutions before each use.

2.11. On-site calibration of field equipment was following the "Guide to On-Site Test Methods for the Analysis of Waters", BS 1427: 2009. Sufficient stocks of spare parts were maintained for replacements when necessary. Backup monitoring equipment was made available so that monitoring can proceed uninterrupted even when equipment is under maintenance, calibration etc.

#### **LABORATORY MEASUREMENT AND ANALYSIS**

- a) Operation phase Marine Water Quality Monitoring
- 2.12. Sufficient volume of each water sample was collected for carrying out the laboratory analyses. Using chain of custody forms, collected water samples were transferred to a HOKLAS accredited laboratory (Acumen Laboratory and Testing Limit HOKLAS 241) for immediate processing. The determination work was start within the next working day after collection of the water samples. Analytical methodology and sample preservation of other parameters were based on the latest edition of Standard Methods for the Examination of Waste and Wastewater published by APHA, AWWA and WPCF and methods by USEPA, or suitable method in accordance with requirements of HOKLAS or another internationally accredited scheme. The QA/QC details were in accordance with the requirements of HOKLAS or another internationally accredited scheme.
- 2.13. Parameters for laboratory measurements, standard methods and detection limits are presented in **Table 2.4**.

Table 2.4 Laboratory measurements, standard methods, and corresponding detection limits of marine water quality monitoring

Parameters	Standard Methods	Detection Limit	Reporting Limit	Precision
Dissolved oxygen	Instrumental, CTD	0.1	-	±25%
Temperature	Instrumental, CTD	0.1	-	±25%
рН	Instrumental, CTD	0.1	-	±25%
Turbidity	Instrumental, CTD	0.1	-	±25%
Salinity	Instrumental, CTD	0.1	-	±25%
Suspended Solids	APHA 23 <sup>rd</sup> Ed 2540D	1.0	2.5	±17%
Iron	APHA 3111 B	0.2	-	±25%
Total residual chlorine	APHA 4500CL: G	0.01mg/L	-	±25%
Anti-scalant*	Content acrylic polymers determination method	5 mg/L	-	-



\*Remark: A proposal for update anti-scalant monitoring under the operation phase EM&A programme is proposed via email on 27 May 2024. EPD has agreed to update the anti-scalant monitoring detection limit, action and limit level from 0.2 mg/L to 5.0 mg/L (EPD ref. ()In EP 2/N8/E/120 Pt.14).

- b) Continuous Monitoring of Effluent Quality
- 2.14. Analyses of the sample shall be carried out using American Public Health Association Standard Method for the Examination of Water and Wastewater or other internationally accepted standard methods proposed by the Licensee and approved by the Authority which could achieve the monitoring requirement.

Table 2.5 Measurements Methods for Continuous Monitoring of Effluent Quality

Table 2.5 Measurements Method	ods for Continuous Monitoring of Effluent Quality
Parameters	Standard Methods
Flow Rate (m3 / day)	In-house method
Temperature(°C)	Instrumental
Salinity (0/00)	Instrumental
pH (pH units)	Instrumental
Suspended Solids (mg / L)	АРНА 2540Е
Iron (mg / L)	APHA 3111 B
Total Inorganic Nitrogen (mg / L)	In-house method
Total Phosphorous (mg / L)	In-house method
Total Residual Chlorine	APHA 4500CL: G
Sodium Metabisulphite	
Anti-scalant 'ACUMER' 4035*	1

<sup>\*</sup>Remark: Anti-scalant water quality testing will only be conducted whenever anti-scalant dosage is adopted.

#### **MONITORING LOCATION**

- a) Operation phase Marine Water Quality Monitoring
- 2.15. The operation phase water quality monitoring locations are in accordance with the EM&A Manual and detailed in **Table 2.6** below. A schedule for water quality monitoring was prepared by the ET and submitted to IEC and EPD prior to the commencement of the monitoring.



Table 2.6 Location of Water Quality Monitoring Stations

Station	Easting	Northing	Description
CE	843550	815243	Upstream control station at ebb tide
CF	846843	810193	Upstream control station at flood tide
WSR1	846864	812014	Ecological sensitive receiver at Tung Lung Chau
WSR2	847645	812993	Fisheries sensitive receiver at Tung Lung Chau
WSR3	848023	813262	Ecological sensitive receiver at Tung Lung Chau
WSR4	847886	814154	Ecological sensitive receiver at Tai Miu Wan
WSR16	845039	815287	Ecological sensitive receiver at Fat Tong Chau
WSR33	847159	814488	Ecological sensitive receiver at Tai Miu Wan
WSR36	846878	814081	Ecological sensitive receiver at Kwun Tsai
WSR37	846655	813810	Ecological sensitive receiver at Tit Cham Chau
NF1	846542	813614	Edge of Mixing zone, ~ 200m west of outfall diffuser
NF2	846942	813614	Edge of Mixing zone, ~ 200m east of outfall diffuser
NF3	846742	813414	Edge of Mixing zone, ~ 200m south of outfall diffuser

2.16. WSR1 to WSR37 were identified in accordance with Annex 14 of the EIAO-TM as well as Clause 3.4.4.2 of the Environmental Impact Assessment Study Brief for Desalination Plant at Tseung Kwan O (No. ESB-266/2013). WSR1 to WSR3 are sited near the Tung Lung Chau Fish Culture Zone; WSR16 and WSR36 are sited near the coral assemblages along the coastlines of Fat Tong Chau and Kwun Tsai respectively; WSR 4 and WSR33 are sited near the Coastal Protection Area and coral assemblages in waters of Tai Miu Wan; WSR37 is sited near the fisheries resource including spawning and nursery grounds at the coastal water of Tit Cham Chau. NF1 to NF3 are the Edge of Mixing zone.



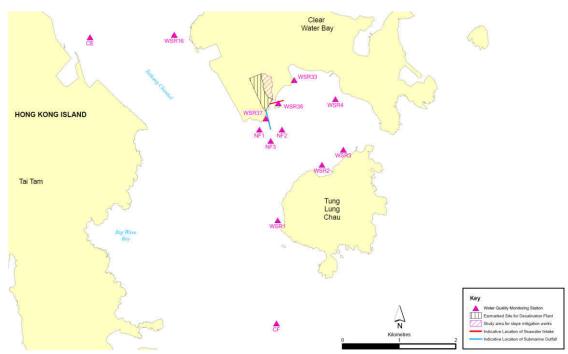


Figure 2.1 Water Quality Monitoring Locations under EM&A Manual

- b) Continuous Monitoring of Effluent Quality
- 2.17. In accordance with the discharge license, the Continuous Monitoring shall be sampling at Brine Outfall Shaft.

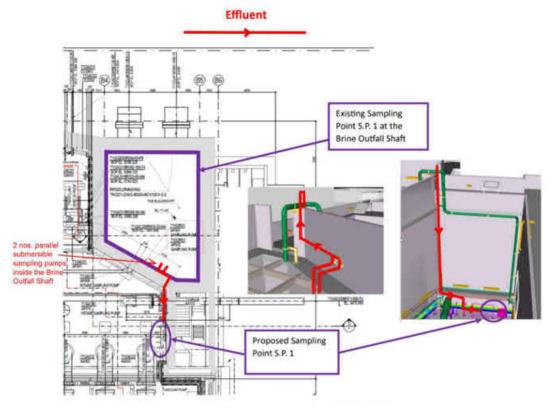


Figure 2.2 Continuous Monitoring locations



## **SAMPLING FREQUENCY**

- a) Impact Marine Water Quality Monitoring
- 2.18. Water quality monitoring was carried out three days per week during the operation phase. Monitoring at each station was undertaken once per day. The interval between two sets of monitoring was not less than 36 hours. The monitoring frequency would be increased in the case of exceedances of Action/Limit Levels if considered necessary by ET. Monitoring frequency would be maintained as far as practicable.
  - b) Continuous Monitoring of Effluent Quality
- 2.19. The effluent should be collected in a full 24-hour period. Twenty four-hour flow-weighted composite effluent sample for subsequent chemical analysis and testing should be prepared by the following procedures:
  - Collect effluent sub-sample at bi-hourly interval over a 24 hour period
  - Obtain flow record of the Project for the 24-hour sampling period
  - Calculate the volume of each sub-sample for preparation of flow-weighted composite sample
  - Transfer the appropriate volume of sub-samples to a clean container and mix thoroughly

## **SAMPLING DEPTHS & REPLICATION**

- a) Operation phase Marine Water Quality Monitoring
- 2.20. During water quality monitoring, each station was sampled, and measurements/ water samples were taken at three depths, 1 m below the sea surface, mid-depth, and 1 m above the seabed. For in situ measurements, duplicate readings were made at each water depth at each station. Duplicate water samples were collected at each water depth at each station.
  - b) Continuous Monitoring of Effluent Quality
- 2.21. The effluent sampling should be planned carefully to ensure appropriate volume of effluent sub-samples is collected to prepare sufficient amount of flow-weighted composite effluent sample for carrying out subsequent chemical analysis and testing.

#### ACTION AND LIMIT LEVELS

2.22. The Action and Limit Levels have been set based on the derivation criteria specified in the EM&A Manual. The Action/Limit Levels have been derived and are presented in **Table 2.7** and **Table 2.8**.



# a) Operation phase Marine Water Quality Monitoring

Table 2.7 Derived Action and Limit Levels for Water Quality

	Derived Action and Limit Levels	
Parameters	Action	Limit
Operation pl	nase Marine Water Quality Monit	coring
DO in mg/L	Surface and Middle	Surface and Middle
	7.30 mg L <sup>-1</sup>	4 mg L <sup>-1</sup>
	Bottom	Bottom
	7.31 mg L <sup>-1</sup>	2 mg L <sup>-1</sup>
	Tung Lung Chau Fish Culture Zone	Tung Lung Chau Fish Culture Zone
	5.1 mgL <sup>-1</sup> or level at control station	5.0 mgL <sup>-1</sup> or level at control station
	(Whichever the lower)	(Whichever the lower)
SS in mg/L	5.00 mg L-1 or 20% exceedance of	6.00 mg L <sup>-1</sup> or 30% exceedance of value
(Depth-	value at any impact station	at any impact station compared with
averaged)	compared with corresponding data	corresponding data from control
	from control station	station
Turbidity in	2.41 NTU or 20% exceedance of	2.84 NTU or 30% exceedance of value
NTU (Depth-	value at any impact station	at any impact station compared with
averaged)	compared with corresponding data	corresponding data from control
	from control station	station
Salinity in	34.25 PSU or 9% exceedance of	34.56 PSU or 10% exceedance of value
PSU (Depth-		
averaged)	value at any impact station compared with corresponding data	at any impact station compared with corresponding data from control
averageuj	from control station	station
	Trom control station	station
Iron in mg/L	0.3 mg/L	0.3 mg/L
(Depth-	,	S,
averaged)		
Total residual	0.01 mg/L	0.01 mg/L
chlorine in		
mg/L		
*Anti-scalant	5.0 mg/L	5.0 mg/L
in mg/L		
(Depth-		
averaged)		
i.	l	l



#### Notes:

- i."Depth-averaged" is calculated by taking the arithmetic means of reading of all three depths.
- ii.For DO, non-compliance of the water quality limits occurs when monitoring result is lower than the limits.
- iii.For Turbidity, SS, iron and Salinity, non-compliance of the water quality limits occurs when monitoring result is higher than the limits.
- iv.\*A proposal for update anti-scalant monitoring under the operation phase EM&A programme is proposed via email on 27 May 2024. EPD has agreed to update the anti-scalant monitoring detection limit, action and limit level from 0.2 mg/L to 5.0 mg/L (EPD ref. ()In EP 2/N8/E/120 Pt.14).
- b) Continuous Monitoring of Effluent Quality

**Table 2.8** Derived Limit Levels for Water Quality

Parameters	Limit					
Continuous Monitoring of Effluent Quality						
Flow Rate in m³/day	216841					
Temperature in °C	Maximum 40					
Salinity	71347					
SS in mg/L	13					
рН	6-9					
Iron in mg/L	0.6					
Total residual chlorine in mg/L	0.1					
Total Inorganic Nitrogen in mg/L	2					
Total Phosphorous in mg/L	1					
Sodium Metabisulphite in mg/L	0.5					
Anti scalant in mg/L*	2.2					

<sup>\*</sup>Remark:

#### MONITORING RESULTS AND OBSERVATIONS

- a) Operation phase Marine Water Quality Monitoring
- 2.23. Considering the operation phase of Tseung Kwan O Desalination Plant commenced from 1 July 2024. Marine water quality monitoring for the operation phase of Tseung Kwan O Desalination Plant was conducted in the reporting period at the thirteen monitoring stations (CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37, NF1, NF2 and NF3). The Action and Limit Level would be referred to the approved EM&A Manual Table 2.7.
- 2.24. The marine water quality monitoring was conducted at the thirteen monitoring stations on 1, 3, 5, 7, 10, 13, 15, 17, 19, 21, 24, 27, 29 and 31 August 2024.
- 2.25. Twenty-three (23) of the operation phase water quality monitoring results of SS obtained had exceeded the Action Level. Fifty (50) of SS obtained during the reporting period had exceeded the Limit Level.

<sup>1.</sup> Anti-scalant water quality testing will only be conducted whenever anti-scalant dosage is adopted.



- 2.26. Investigation on the reason of exceedance has been carried out, where the exceedances of SS on 1, 3, 5, 7, 13, 15, 17, 19, 21, 24, and 29 August 2024 were concluded to be unrelated to the Contract as detailed in the Incident Reports on Action Level or Limit Level Noncompliance along with supporting materials in **Appendix K**.
- 2.27. Monitoring results of 8 key parameters: Salinity, DO, turbidity, SS, pH, temperature, Total Residual Chlorine and Iron in this reporting, are summarized in **Table 2.9**, and detailed results are presented in **Appendix F**.
  - b) Continuous Monitoring of Effluent Quality
- 2.28. Continuous Monitoring of Effluent Quality was conducted sampling point in the reporting month. No exceedance of the sampling was obtained during the reporting period had exceeded the Limit Level. The detailed results are summarized in **Table 2.10**, and presented in **Appendix F.**



 Table 2.9
 Summary of Impact Water Quality Monitoring Results

		Parameters								
Locations		Salinity		d Oxygen g/L)		Turbidity	Suspended Solids	Temp.	TRC	Iron
		(ppt)	Surface & Middle	Bottom	pН	(NTU)	(mg/L)	(°C)	(mg/L)	(mg/L)
	Avg.	32.25	8.59	8.58	8.22	2.46	4.43	28.52	<0.01	<0.1
CE	Min.	30.90	7.93	7.92	8.02	2.10	2.50	27.24	< 0.01	<0.1
	Max.	33.40	9.45	9.45	8.37	2.76	15.00	29.75	< 0.01	<0.1
	Avg.	32.05	8.78	8.78	8.21	2.32	4.42	28.51	< 0.01	<0.1
CF	Min.	31.39	8.05	8.05	8.03	1.93	2.50	26.94	< 0.01	<0.1
	Max.	32.90	9.28	9.29	8.36	2.85	15.00	29.71	< 0.01	<0.1
	Avg.	32.34	8.69	8.70	8.19	1.68	4.49	28.56	< 0.01	<0.1
WSR1	Min.	31.24	8.06	8.16	8.08	1.14	2.50	27.16	< 0.01	<0.1
	Max.	33.83	9.30	9.26	8.36	2.20	14.00	29.68	< 0.01	<0.1
	Avg.	32.38	8.70	8.70	8.26	1.75	4.86	28.62	< 0.01	<0.1
WSR2	Min.	31.58	8.16	8.12	8.08	1.45	2.50	27.20	< 0.01	<0.1
	Max.	34.12	9.29	9.27	8.38	2.09	19.00	29.87	< 0.01	<0.1
	Avg.	32.25	8.78	8.79	8.24	1.71	5.46	28.50	< 0.01	<0.1
WSR3	Min.	31.41	8.08	8.04	8.11	1.25	2.50	27.32	< 0.01	<0.1
	Max.	34.03	9.34	9.36	8.35	2.12	18.00	29.53	< 0.01	<0.1
	Avg.	32.17	8.72	8.72	8.20	1.73	5.89	28.55	< 0.01	<0.1
WSR4	Min.	31.22	8.05	8.07	8.10	1.22	2.50	27.34	< 0.01	<0.1
	Max.	33.20	9.42	9.50	8.41	2.15	19.00	29.59	<0.01	<0.1
	Avg.	32.12	8.73	8.72	8.24	1.67	5.64	28.57	<0.01	<0.1
WSR16	Min.	31.03	7.93	8.10	8.12	1.19	2.50	27.43	< 0.01	<0.1
1	Max.	33.12	9.42	9.40	8.35	1.91	19.00	29.54	< 0.01	<0.1

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						Paramete	ers			
Locations		Salinity	Dissolved Oxygen (mg/L)			Turbidity	Suspended Solids	Temp.	TRC	Iron
		(ppt)	Surface & Middle	Bottom	рН	(NTU)	(mg/L)	(°C)	(mg/L)	(mg/L)
	Avg.	32.07	8.56	8.54	8.26	1.76	5.80	28.50	<0.01	<0.1
WSR33	Min.	30.96	7.94	7.96	8.04	1.28	2.50	27.05	<0.01	<0.1
	Max.	33.15	9.53	9.44	8.41	2.11	18.00	29.65	<0.01	<0.1
	Avg.	32.29	8.61	8.63	8.24	1.82	5.61	28.53	<0.01	<0.1
WSR36	Min.	31.36	7.93	8.00	8.09	1.27	2.50	27.08	<0.01	<0.1
	Max.	33.41	9.18	9.21	8.37	2.19	23.00	29.64	<0.01	<0.1
	Avg.	32.31	8.68	8.68	8.22	1.77	5.85	28.56	<0.01	<0.1
WSR37	Min.	31.52	7.98	7.93	8.11	1.35	2.50	27.27	<0.01	<0.1
	Max.	33.17	9.21	9.29	8.35	2.15	24.00	29.86	<0.01	<0.1
	Avg.	32.28	8.64	8.63	8.20	1.64	5.14	28.50	< 0.01	<0.1
NF1	Min.	31.05	7.87	7.88	8.05	1.20	2.50	27.19	< 0.01	<0.1
	Max.	33.42	9.32	9.30	8.36	2.23	23.00	29.73	< 0.01	<0.1
	Avg.	32.10	8.56	8.57	8.24	1.73	6.24	28.58	< 0.01	<0.1
NF2	Min.	31.34	7.89	7.74	8.05	1.29	2.50	27.16	<0.01	<0.1
	Max.	32.80	9.05	9.04	8.39	2.12	26.00	29.71	<0.01	<0.1
	Avg.	32.17	8.76	8.75	8.26	1.70	5.71	28.49	<0.01	<0.1
NF3	Min.	31.45	8.18	8.25	8.05	1.24	2.50	27.14	<0.01	<0.1
	Max.	33.63	9.30	9.31	8.40	2.07	25.00	29.83	< 0.01	<0.1

#### Notes:

i. "Avg", "Min" and "Max" is the average, minimum and maximum respectively of the data from measurements conducted under mid-flood and mid-ebb tides at three water depths, except that of DO where the data for "Surface & Middle" and "Bottom" are calculated separately.

ii. Measurement data of Suspending Solids would be rounding to 2.5mg/L if the value was less than 2.5mg/L to facilitate data analysing.



**Table 2.10** Summary of Continuous Effluent Monitoring Results

	Sal (ppt)	рН	Temp (°C)	Total Residual Chlorine (mg/L)	Suspended Solids (mg/L)	Total Inorganic Nitrogen (mg/L)	Total Phosphorus (mg/L)	*Sodium Metabisulphite (mg/L)	Iron (mg/L)
Avg.	53.61	7.69	29.74	< 0.05	2	0.23	0.01	<2	<0.1
Min.	50.02	7.27	27.73	< 0.05	<2	0.08	<0.01	<2	<0.1
Max.	57.14	7.92	30.99	< 0.05	2	0.49	0.02	<2	<0.1

<sup>\*</sup> Remark: As confirmed by various laboratories in Hong Kong, the lowest detection limit for Sodium Metabisulphite is <2 mg/L. Due to the limitation of the laboratory, the lowest result for Sodium Metabisulphite will only be shown as < 2 mg/L.



# 3. WASTE

3.1. The waste generated from this Contract includes inert construction and demolition (C&D) materials, and non-inert C&D materials. Non-inert C&D materials are made up of general refuse, vegetative wastes and recyclable wastes such as plastics and paper/cardboard packaging waste. Steel materials generated from the Contract are also grouped into non-inert C&D materials as the materials were not disposed of with other inert C&D materials. With reference to relevant handling records and trip tickets of this Contract, the quantities of different types of waste generated in the reporting month are summarized in **Table 3.1**. Details of cumulative waste management data are presented as a waste flow table in **Appendix G**.

Table 3.1 Quantities of Waste Generated from the Contract during the reporting period

	Actu	ıal Quantitie:	s of Inert C&I	) Materials G	Actual Quantities of C&D Wastes Generated Monthly						
Reporting Month	Total Quantity Generated	Hard Rock and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Imported Fill	Metals	Paper / cardboard packaging	Plastics (1)	Chemical Waste	Others, e.g., general refuse
	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)
Aug 2024	163.330	0.000	0.000	0.000	163.330	0.000	0.000	0.000	0.000	2.460	42.260

Notes: (1) Plastics refer to plastic bottles / containers, plastic sheets / foam from packaging material

3.2. No dewatered sludge was generated by the operation in the reporting period.



## 4. LANDFILL GAS MONITORING

#### MONITORING REQUIREMENT

- 4.1. In accordance with Section 11 of the EM&A Manual, monthly monitoring of landfill gas is required for the first year of operation at buildings within the Project Site and consultation zone. Part of the desalination plant and the indicative area of natural slope mitigation works fall within the SENT Landfill Extension Consultation Zone; and part of the 1,200 mm diameter freshwater mains along Wan Po Road falls within the SENT Landfill and SENT Landfill Extension Consultation Zones, TKO Stage II/III Restored Landfill and TKO Stage I Restored Landfill Consultation Zones.
- 4.2. Routine monitoring is required at buildings within the Project Site and consultation zones. The monitoring frequency will be monthly for the first year of operation.
- 4.3. For the manholes and utility pits within the Project Site and along the fresh water mains, each manhole/ utility pit should be monitored with two measurements (at mid depth and base). Each measurement should be monitored for a minimum of 10 minutes. A steady reading and peak reading should be recorded at each manhole/ utility pit and for each measurement.
- 4.4. Monitoring of oxygen, methane, carbon dioxide and barometric pressure would be performed monthly during the operation phase.

#### **MONITORING LOCATION**

4.5. The area required to be monitored for landfill gas in the reporting period is shown in **Figure 4.1, Figure 4.2 and Figure 4.3**.

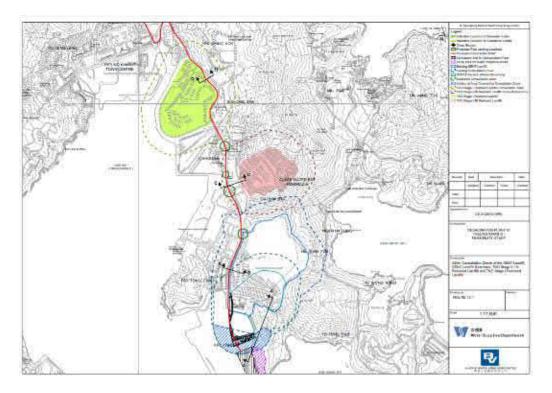


Figure 4.1 Overview of the SENT Extension Consultation Zone and the Contract Site Area



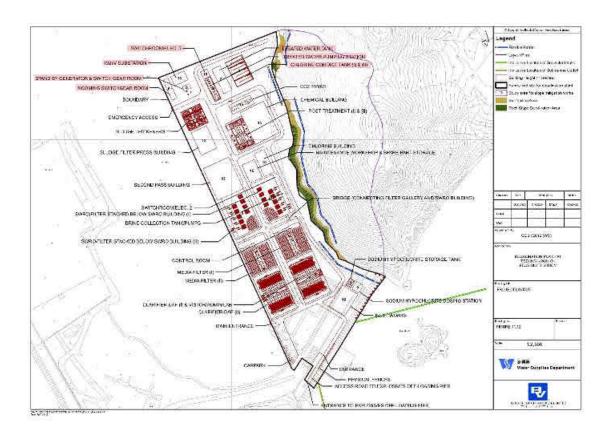


Figure 4.2 Landfill Gas Monitoring Location For Building

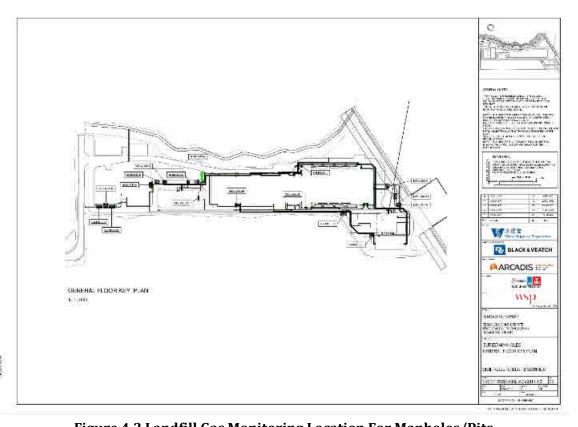


Figure 4.3 Landfill Gas Monitoring Location For Manholes/Pits

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#### **MONITORING PARAMETERS**

4.6. The landfill gas monitoring parameters and the action and limit level are summarized in **Table 4.1**.

Table 4.1 Action and Limit Level for Landfill Gas Monitoring Equipment

Parameters	Action Level	Limit Level
Oxygen (O <sub>2</sub> )	<19% 02	<19% 02
Methane (CH <sub>4</sub> )	>10% LEL	>20% LEL
Carbon Dioxide (CO <sub>2</sub> )	>0.5% CO <sub>2</sub>	>1.5% CO <sub>2</sub>

## **MONITORING EQUIPMENT**

- 4.7. Landfill Gas monitoring was carried out using intrinsically-safe, portable multi-gas monitoring instruments. The gas monitoring equipment is:
  - Complying with the Landfill Gas Hazard Assessment Guidance Note as intrinsically safe;
  - Capable of continuous barometric pressure and gas pressure measurements;
  - Normally operated in diffusion mode unless required for spot sampling, when it should be capable of operating by means of an aspirator or pump;
  - Having low battery, fault and over range indication incorporated;
  - Capable of storing monitoring data, and shall be capable of being downloaded directly;
  - Measure in the following ranges:

methane	0-100% Lower Explosion Limit (LEL) and 0-100% v/v;
oxygen	0-25% v/v;
carbon dioxide	0-5% v/v; and
barometric pressure	mBar (absolute)

• alarm (both audibly and visually) in the event that the concentrations of the following are exceeded:

methane	>10% LEL;
oxygen	<19%
carbon dioxide	>0.5% by volume
barometric pressure	mBar (absolute)

4.8. Monitoring equipment used in the reporting period are summarized in **Table 4.2**. The Landfill Gas monitoring equipment calibration certificate is presented in **Appendix E**.

Table 4.2 Landfill Gas Monitoring Equipment

Equipment	Brand and Model	Calibration Expiry Date
Portable Gas Detector	GMI PS500 - 25492809/21	21 August 2024

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## MONITORING RESULTS AND OBSERVATIONS

4.9. In this reporting period, monthly landfill gas monitoring was conducted on 16 and 17 August 2024. No exceedances of action level and limit level was observed. The detail of result was presented in **Appendix F**.



## 5. LANDSCAPE

## **MONITORING REQUIREMENTS**

5.1. In accordance with Section 8.1 of the EM&A Manual, weekly site audit shall be carried out by the ET include checking whether good site practices are being properly implemented by the Contractor and the extent of the works area within the Clear Water Bay Country Park should be checked by the ET during the weekly site audit.

### **SITE INSPECTION**

- 5.2. Weekly site audit was carried out by the ET in the reporting month, no trespass by the Contractor outside the works area of the Project and Clear Water Bay Country Park, and no damage to the vegetation and rocky shore outside the Project area was observed in the reporting month.
- 5.3. If non-compliance were found during the operation phase, the actions in accordance with the Event and Action Plan will be carried out according to **Appendix D.**



# 6. Ecology (Coral Monitoring)

6.1. Under the approval conditions of the EIA Report for the Project, an EM&A programme on coral for the operation phase of the Project is recommended. Pursuant to these EIA approval conditions and Condition 3.1 of the EP and FEP, details of the regular coral monitoring programme have been proposed based on the baseline coral monitoring results in the Report on operation Baseline Coral Monitoring and Regular Coral Monitoring Methodology.

#### **MONITORING LOCATION**

6.2. In accordance with Appendix B Section 5.1 of the approved supplementary EM&A Manual, two indirect impact sites (C2 and C3) and one control site (C8) as shown in **Figure 6.1** should be monitored during the operation Phase. Operation coral survey should be conducted at the indirect impact and control sites. Ten selected hard coral colonies with similar species should be tagged at each of the control and indirect impact sites before commencement of the operation phase. Tagged hard coral colonies should be monitored in open waters during the operation phase.

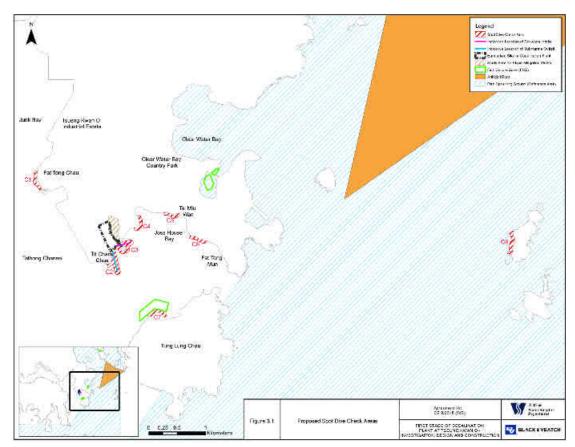


Figure 6.1 Spot Dive Check Areas Two Proposed Indirect Impact Sites (C2 and C3) and one control site (C8) during Operation Phase



#### **ACTION AND LIMIT LEVELS**

6.3. The Action and Limit Levels have been set based on the derivation criteria specified in the EM&A Manual. The Action/Limit Levels have been derived and are presented in **Table 6.1**.

Table 6.1 Action and Limit Level for Coral Monitoring Equipment

Parameter	<b>Action Level Definition</b>	Limit Level Definition
Mortality	If during Impact Monitoring a 15% increase in the percentage of partial mortality on the corals occurs at more than 20% of the tagged indirect impact site coral colonies that is not recorded on the tagged corals at the control site, then the Action Level is exceeded	If during Impact Monitoring a 25% increase in the percentage of partial mortality on the corals occurs at more than 20% of the tagged indirect impact site coral colonies that is not recorded on the tagged corals at the control site, then the Limit Level is exceeded

Note: If the defined Action Level or Limit Level for coral monitoring is exceeded, the actions as set out in **Table E3** will be implemented.

6.4. If non-compliance were found during the opertaion works, the actions in accordance with the Event and Action Plan will be carried out according to **Appendix D**.

## **MONITORING FREQUENCY**

6.5. Operation phase coral monitoring shall be monitored once per month as the requirement of the first year of operational phase.

#### MONITORING RESULT AND OBSERVATION

6.6. Operation phase coral monitoring works was conducted on 21 August 2024. The detail of the monitoring is presented in **Appendix H**.



# 7. ECOLOGY (FISHERY MONITORING)

7.1. The purpose of the operation phase regular fisheries monitoring programme is to monitor the potential impacts on fisheries resources in the vicinity of the project site. Apart from the regular fisheries monitoring programme, a water quality monitoring programme in addition to the water quality monitoring programme in the approved EM&A Manual is also described in Section 2.4 to (i) provide supplementary information in the interpretation of the findings of the fisheries monitoring and (ii) assist the monitoring of the potential impact on the Tung Lung Chau Fish Culture Zone (FCZ) in Joss House Bay.

#### **MONITORING LOCATION**

- 7.2. In accordance with Section 2.3 of the approved Methodology Paper on Regular Fisheries Monitoring, it is recommended to set up six (6) fisheries monitoring locations in Joss House Bay and its vicinity to monitor the fisheries resources.
- 7.3. Two (2) sampling locations are set up in close proximity of the direct footprint of the proposed submarine utilities around TKO Area 137. These sampling locations represent the potential Project impact zones (i.e. areas at and in close proximity to the footprint of the proposed submarine utilities that will be directly affected by the Project works).
- 7.4. Two (2) gradient locations are proposed between the proposed submarine utilities and Tung Lung Chau FCZ to assist in the interpretation and identification of any potential fisheries impact in the vicinity of the FCZ.
- 7.5. Two (2) reference locations are proposed in the outer Joss House Bay between the waters of Tung Lung Chau and Fat Tong Mun. These reference locations are further away and will not be affected by the Project discharge (based on the EIA prediction) and will serve as control stations. Any significant fisheries impact identified at the reference locations should be caused by other natural factors or non-Project activities. The trends of fisheries conditions recorded in the reference locations will be used to assist in the interpretation of the trends of fisheries impact identified in the impact and gradient locations.
- 7.6. The coordinates of the proposed monitoring locations are shown in **Figure 7.1**.



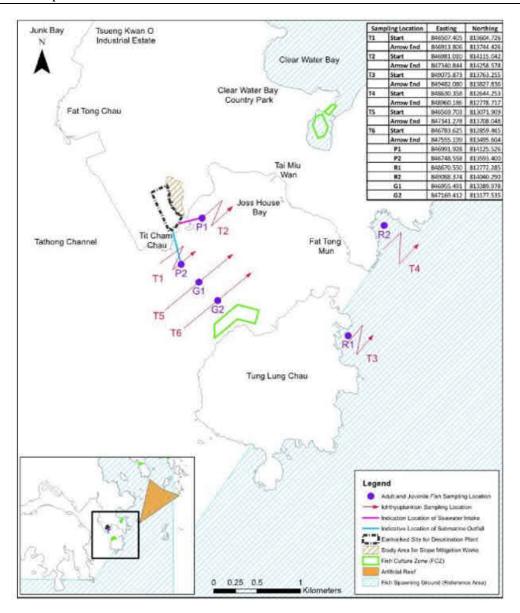


Figure 7.1 Monitoring Location of Regular Fishery Monitoring during Operation
Phase

### **MONITORING FREQUENCY**

- 7.7. Operation phase fishery monitoring shall be carried out 2 times in wet season (April to October) and 2 times in dry season (November to March) to examine the following:
  - Fish species composition;
  - Abundance: number of fish captured;
  - Diversity of fish resources: species diversity and evenness;
  - Size: range of total length; Biomass in weight; and
  - Values of catches of commercial species: catch per unit effort (CPUE) and yield per unit effort (YPUE).

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## MONITORING RESULT AND OBSERVATION

7.8. Operation phase fishery monitoring for wet season 2024 was carried out on 24 and 31 August 2024. The detail of the monitoring will be presented when the result is available.



# 8. Summary of Exceedance, Complaints, Notification of Summons and Prosecutions

8.1. The Environmental Complaint Handling Procedure is shown in below **Figure 9.1**:

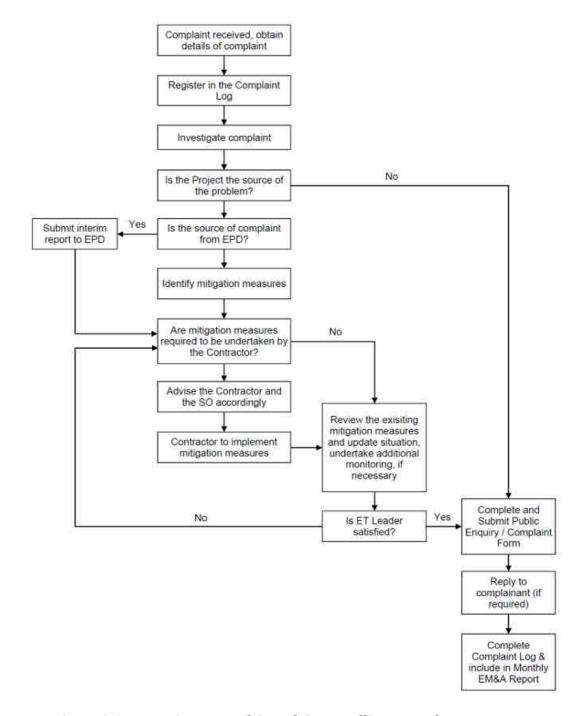


Figure 9.1 Environmental Complaint Handling Procedures



- 8.2. Operation phase EM&A works for water quality were conducted at the thirteen monitoring stations (CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 NF1, NF2 and NF3) during the reporting period in accordance with the EM&A Manual
- 8.3. The marine water quality monitoring was conducted at the thirteen monitoring stations on 1, 3, 5, 7, 10, 13, 15, 17, 19, 21, 24, 27, 29 and 31 August 2024. Twenty-three (23) of SS obtained had exceeded the Action Level. Fifty (50) of SS obtained during the reporting period had exceeded the Limit Leve. After investigation, all exceedances were concluded unrelated to the Project.
- 8.4. Continuous Monitoring of Effluent Quality was conducted sampling point in the reporting month. No exceedance of the sampling was obtained during the reporting period had exceeded the Limit Level.
- 8.5. Operation phase coral monitoring works was conducted on 21 August 2024. There is no AL/LL exceedance during the monitoring period. The detail of the monitoring was presented in **Appendix H**.
- 8.6. Operation phase fishery monitoring for wet season 2024 was carried out on 24 and 31 August 2024. The detailed of the monitoring will be presented when the result is available.
- 8.7. In this reporting period, monthly landfill gas monitoring was conducted on 16 and 17 August 2024. No exceedances of action level and limit level was observed.
- 8.8. No environmental complaint, notification of summons and prosecution Statistics on complaint and notification of summons and prosecution are summarized in **Appendix J**.



### 9. EM&A SITE INSPECTION

9.1. Site inspections were carried out on a weekly basis to monitor the implementation of proper environmental pollution control and mitigation measures under the Contract. In the reporting period, site inspections were carried out on 6, 13, 20 and 26 August 2024 at the site portions listed in **Table 10.1** below.

**Table 10.1** Summaries of Site Inspection Record

Date	Inspected Site Portion	Time
6 August 2024	TKO Area 137	14:30 - 15:30
13 August 2024	TKO Area 137	14:30 - 15:30
20 August 2024	TKO Area 137	14:30 - 15:30
26 August 2024	TKO Area 137	14:30 - 15:30

- 9.2. Joint site inspections with IEC were carried out on 26 August 2024.
- 9.3. Environmental deficiencies were observed during weekly site inspection. Key observations during the site inspections and during the reporting period are summarized in **Table 10.2**.

**Table 10.2** Site Observations

Date	<b>Environmental Observations</b>	Follow-up Status
6 August 2024	No major environmental deficiency was observed.	N/A
13 August 2024	No major environmental deficiency was observed.	
No major environmental deficiency was observed.		N/A
26 August 2024	No major environmental deficiency was observed.	N/A

9.4. According to the EIA Study Report, Environmental Permit, contract documents and EM&A Manual, the mitigation measures detailed in the documents should be implemented as much as practical during the reporting period. An updated Implementation Status of Environmental Mitigation Measures (EMIS) is provided in **Appendix B**. Site inspection proforma of the reporting period is provided in **Appendix I**.



### 10. FUTURE KEY ISSUES

- 10.1. Works to be undertaken in the next reporting month are:
  - Production of water
- 10.2. The major environmental impacts brought by the above operation works include:
  - Effluent of the water production work and system cleaning works;
  - Waste generation from the operation activities
- 10.3. The key environmental mitigation measures implemented for the Contract in this reporting period associated with the above operation works include:
  - Regularly monitoring of the effluent
  - Sorting and storage of general refuse and operation waste



### 11. CONCLUSIONS AND RECOMMENDATIONS

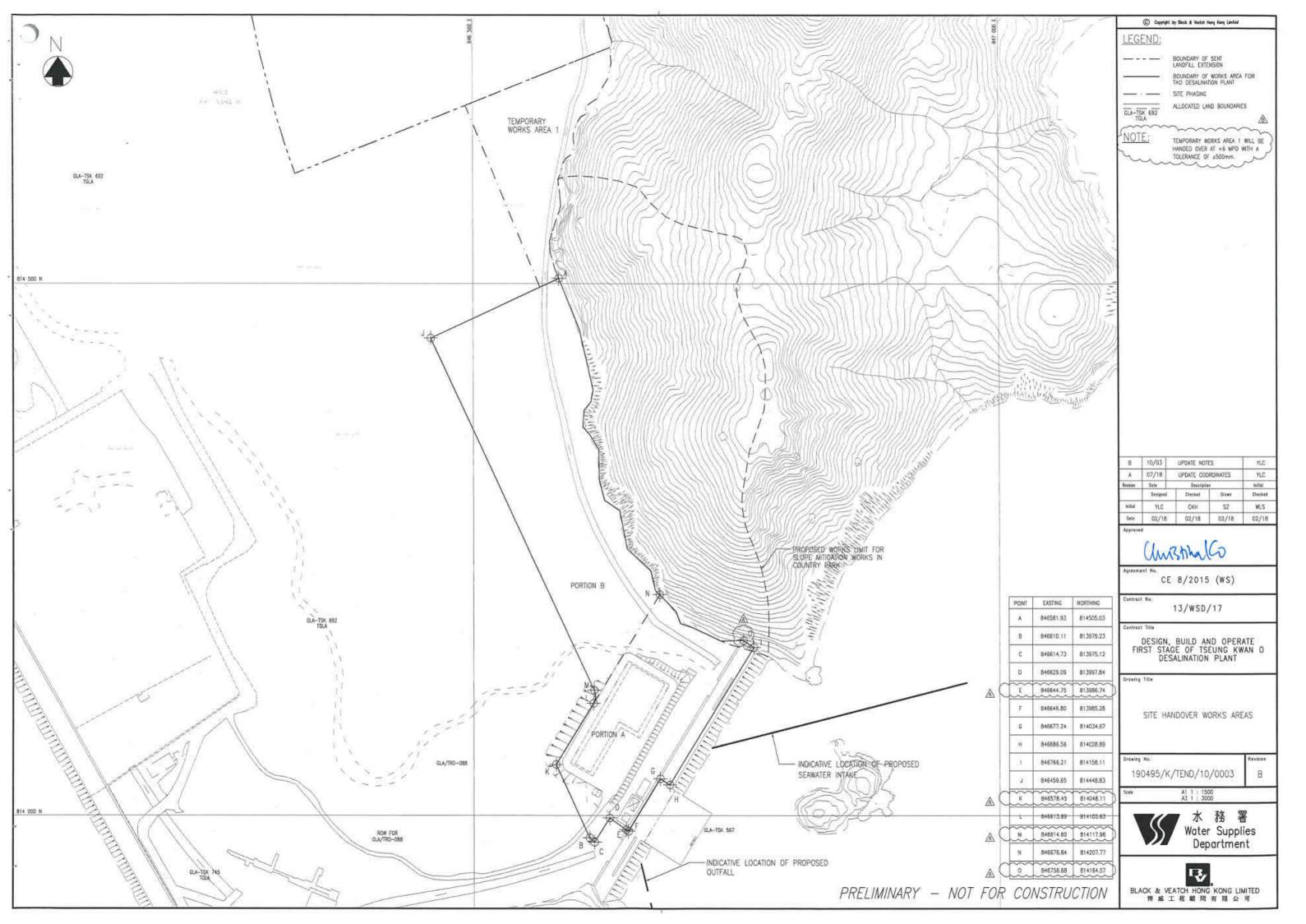
- 11.1. This is the 2<sup>nd</sup> Monthly EM&A Report for the Project which summarizes the key findings of the EM&A programme during the reporting period from [Date] to [Date], in accordance with the EM&A Manual and the requirement under FEP-01/503/2015/B.
- 11.2. The EM&A works for operation phase water quality were conducted during the reporting period in accordance with the EM&A Manual. Twenty-three (23) of SS obtained had exceeded the Action Level. Fifty (50) of SS obtained during the reporting period had exceeded the Limit Level. After investigation, all exceedances were concluded unrelated to the Project.
- 11.3. Continuous Monitoring of Effluent Quality was conducted sampling point in the reporting month. No exceedance of the sampling was obtained during the reporting period had exceeded the Limit Level.
- 11.4. Operation phase coral monitoring works was conducted on 21 August 2024. There is no AL/LL exceedance during the monitoring period.
- 11.5. Operation phase fishery monitoring for wet season 2024 was carried out on 24 and 31 August 2024. The detailed of the monitoring will be presented when the result is available.
- 11.6. In this reporting period, monthly landfill gas monitoring was conducted on 16 and 17 August 2024. No exceedances of action level and limit level was observed.
- 11.7. Weekly environmental site inspections were conducted during the reporting period. Observations and reminders were reported during the site inspections. All items are rectified within the reporting period. The environmental performance of the project was therefore considered satisfactory.
- 11.8. No environmental complaint, notification of summons and prosecution was received in the reporting period.
- 11.9. The ET will keep track on the operation works to confirm compliance of environmental requirements and the proper implementation of all necessary mitigation measures.





# Appendix A

# Overview of Desalination Plant in Tseung Kwan O



# BUILDINGS IN FIRST STAGE

DOILDII	100 111 111101 011102		
CODE	NAME OF BUILDING	TOTAL G.F.A. (m²)	SITE COVERAGE (m²)
В	COMBINE SHAFT	759,876	759.876
С	ACTIDAFF	10027,547	5455,346
G	REVERSE OSMOSIS BUILDING AND ELECTRICAL BUILDING	4511,455	5367,935
н	CO2 TANKS AREA	-	-
J	PRODUCT WATER STORAGE TANK, PUMP STATION AND ELECTRICAL BUILDING	1974.610	2933,980
к	SLUDGE TREATMENT BUILDING, TANK AND PUMP ROOM	2531,044	1228,361
М	ADMINISTRATION BUILDING & ELECTRICAL BUILDING C	2459,713	1114,062
N	MAIN ELECTRICAL AND CENTRAL CHILLER PLANT BUILDING	-	459,893
R1	ELECTROCHLORINATION BUILDING & ELECTRICAL BUILDING A	657.992	825.776
S	132 kV SUBSTATION	-	943.560
Т	IRRIGATION WATER TANK AND PUMP ROOM	-	156.148
R2	CHEMICAL BUILDING	813,056	813.056
V	VISITOR GALLERY	1330-410	1330.410
X1	GUARD HOUSE AND FS CONTROL ROOM	39.585	39.585
X2	GUARD HOUSE	22.035	22.035
Υ	R+D OUTDOOR	-	-
Z	WASTE WATER TREATMENT PLANT	48.000	48,000

### LEGEND / ABBREVIATION

H/L WINDOW HIGH LEVEL WINDOW METAL LOUVRES CAT LADDER

ACCESSIBLE UNISEX TOILET

PROPOSED FINISH FLOOR LEVEL IN METER ABOVE P.D. STRUCTURAL FLOOR LEVEL IN METER ABOVE P.D. MECHANNICAL VENTILATION & ARTIFICIAL LIGHTING

4.5kg CO<sup>2</sup> FIRE EXTINGUISHER

HOSE REEL

FIREMAN'S LIFT LIFT FOR THE BARRIER FREE ACCESS

PIPE DUCT

### PLOT RATIO & SITE COVERAGE CALCULATION:

= 27.38 ... TOTAL G.F.A. TOTAL SITE COVERAGE

SITE COVERAGE

= 21414.841 / 56108 x 100 = 38.167%

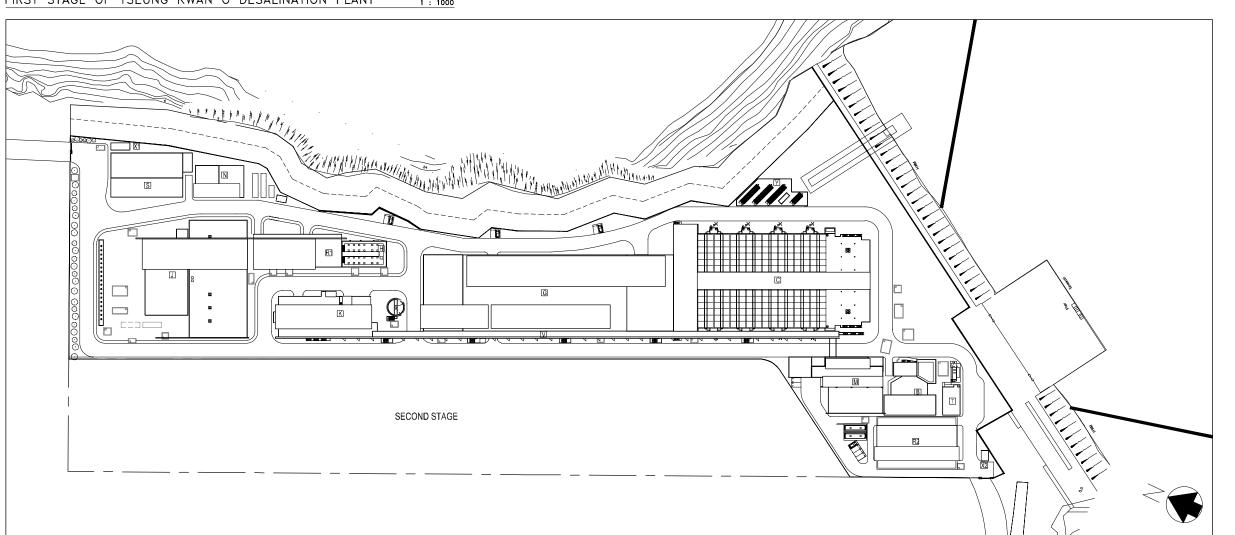
# FIRST STAGE-INDICATIVE LOCATION OF PROPOSED SEAWATER INTAKE 大廟灣 JOSS HOUSE BAY (TAI MIU WAN)

1 : 5000

SITE LOCATION PLAN

### FIRST STAGE OF TSEUNG KWAN O DESALINATION PLANT

TOTAL = 25175,323 21498,023









# Appendix B

Summary of Implementation Status of Environmental Mitigation





EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures &	Implementation Agent	Imple	men Stag		Implementation status	Relevant Legislation & Guidelines	
		main concerns to address		D	C	0			
Air Quality									
S4.8.1	Ultra-low-sulphur diesel (ULSD) will be used for all construction plant on-site, as defined as diesel fuel containing not more than 0.005% sulphur by weight) as stipulated in Environment, Transport and Works Bureau Technical Circular (ETWB-TC(W)) No 19/2005 on Environmental Management on Construction Sites.	Land site/ During construction/ During Operation	Contractor(s)		<b>✓</b>	•	Implemented	Environment, Transport and Works Bureau Technical Circular (ETWB- TC(W)) No 19/2005 on Environmental Management on Construction Sites	
Water Qua	ality								
S6.9 and S6.12	The sterilization water should be dechlorinated with total residual chlorine (TRC) level below 1 mg/L before discharge to public sewer. In situ testing of TRC should also be conducted for the discharge of chlorinated water for pipeline disinfection to ensure sufficient dechlorination before discharge to public sewer.	Sterilization of water mains prior to commissioning	Contractor(s)		<b>√</b>	✓	N/A	Technical Memorandum for Effluents Discharged into Drainage and Sewerage Systems	
S6.9	The cleaning and flushing water should also be treated and desilted to the relevant discharge requirement stipulated in TM-DSS before discharging.	Sterilization of water mains prior to commissioning	Contractor(s)		✓	<b>✓</b>	Implemented	Inland and Coastal Waters	
S6.9	Site drainage should be well maintained, and good construction practices should be observed to ensure that oil, fuels, solvents, and other chemicals are managed, stored and handled properly and do not enter the nearby water streams.	Land site & drainage/ During construction/ During operation	Contractor(s)		✓	<b>✓</b>	Implemented	-	
Waste Mai	nagement								
S8.5	Provision of sufficient waste disposal points and regular collection for disposal.	All area/ During construction/ During operation	Contractor(s)		<b>√</b>	<b>*</b>	Implemented	DEVB TC(W) No. 8/2010, Enhanced Specification for Site Cleanliness and Tidiness.	
S8.5	Chemical waste container shall be suitable for the substance they are holding, resistant to corrosion, maintained in a good condition, and securely closed.	All area/ During construction/ During operation	Contractor(s)/ WSD		✓	*	Implemented	Waste Disposal (Chemical Waste)	
S8.5	Chemical waste container shall have a capacity of less than 450 L unless the specifications have been approved by the EPD.	All area/ During construction/ During operation	Contractor(s)/ WSD		✓	<b>√</b>	Implemented	(General) Regulation; Code of Practice on the Packaging,	
S8.5	A label in English and Chinese shall be displayed on the chemical container in accordance with instructions prescribed in Schedule 2 of the Regulations.	All area/ During construction/ During operation	Contractor(s)/ WSD		✓	<b>√</b>	Implemented	Handling and Storage of Chemical Wastes	





EIA	Recommended Environmental Protection Measures/	Objectives of the recommended measures &	Implementation Agent	Impl		ntation	Implementation	Relevant Legislation & Guidelines
Reference	Mitigation Measures	main concerns to address		D	Stag C	0	status	& Guidennes
S8.5	Storage areas for chemical waste shall be enclosed on at least 3 sides.	All area/ During construction/ During operation	Contractor(s)/ WSD		✓	<b>√</b>	Implemented	
S8.5	Storage areas for chemical waste shall have an impermeable floor and bunding, of capacity to accommodate 110% of the volume of the largest container or 20% by volume of the chemical waste stored in that area, whichever is the greatest.	All area/ During construction/ During operation	Contractor(s)/ WSD		✓	<b>✓</b>	Implemented	
S8.5	Storage areas for chemical waste shall have adequate ventilation.	All area/ During construction/ During operation	Contractor(s)/ WSD		✓	<b>✓</b>	Implemented	
S8.5	Storage areas for chemical waste shall be covered to prevent rainfall entering (water collected within the bund must be tested and disposed of as chemical waste, if necessary).	All area/ During construction/ During operation	Contractor(s)/ WSD		<b>√</b>	<b>✓</b>	Implemented	
S8.5	Storage areas for chemical waste shall be arranged so that incompatible materials are appropriately separated.	All area/ During construction/ During operation	Contractor(s)/ WSD		✓	<b>✓</b>	Implemented	
S8.5	General refuse will be stored in enclosed bins or compaction units separately from construction and chemical wastes.	All area/ During construction/ During operation	Contractor(s)/ WSD		✓	✓	Implemented after reminder	
S8.5	Adequate number of waste containers will be provided to avoid over-spillage of waste.	All area/ During construction/ During operation	Contractor(s)/ WSD		<b>✓</b>	*	Implemented	DEVB TC(W) No. 8/2010 Enhanced Specification for Site Cleanliness and Tidiness.
S8.5	A reputable waste collector will be employed by the Contractor to remove general refuse from the site, separately from construction and chemical wastes, on a daily basis to minimize odour, pest and litter impacts.	All area/ During construction/ During operation	Contractor(s)/ WSD		✓	<b>✓</b>	Implemented	-
S8.5	Recycling bins will be provided at strategic locations within the Site to facilitate recovery of recyclable materials (including aluminum can, wastepaper, glass bottles and plastic bottles) from the Site. Materials recovered will be sold for recycling.	All area/ During construction/ During operation	Contractor(s)/ WSD		✓	<b>√</b>	Implemented	-
Landscape				, , ,				
S11.10 & 11.11	The construction area and area allowed for temporary structures, such as the contractor's office, will be minimized to a practical minimum. (MM1)	All area/ Detailed design/ During construction/ During operation	WSD/ Contractor(s)	<b>✓</b>	✓	<b>✓</b>	Implemented	-





EIA	Recommended Environmental Protection Measures/	Objectives of the	Implementation Agent	Imp	lemer	ntation	Implementation	Relevant Legislation
Reference	Mitigation Measures	recommended measures &			Stag		status	& Guidelines
		main concerns to address		D	С	0		
S11.10 & 11.11	At the detailed design stage, the design team will seek to minimize the landscape footprint of the Project and above ground facilities, while satisfying all other requirements. (MM2)	All area/ Detailed design/ During construction/ During operation	WSD/ Contractor(s)	1	<b>*</b>	<b>✓</b>	Implemented	-
S11.10 & 11.11	Design principles will be adopted to take into account the surrounding area, particularly Clear Water Bay Country Park behind and the nearby waterfront, with due consideration given to:  - green roofs where practical (i.e. without equipment on the roof);  - roadside planting;  - aesthetic treatment of all structures;  - vertical greening;  - screen planting along application site; and  - landscape enhancement with amenity planting where practical including planting along the edge (site boundary) fence with native shrubs where feasible, to reduce their visual impact and blend them into the surrounding landscape. (MM3)	All area/ Detailed design/ During construction/ During operation	WSD/ Contractor(s)	<b>\</b>	•	<b>*</b>	Implemented	-
S11.10 & 11.11	All trees within the Project Site or the potential slope mitigation works area will be carefully protected during construction according to DEVB TCW No. 10/2013 – Tree Preservation (MM4)	All area/ Detailed design/ During construction/ During operation	WSD/ Contractor(s)	1	<b>✓</b>	<b>√</b>	Implemented	ETWB TCW No. 3/2006 - Tree Preservation.
S11.10 & 11.11	No tree within the Country Park will be felled. Trees within the Site unavoidably affected by the works will be transplanted where necessary and practical. For trees that need to be felled, compensatory planting will be provided to the satisfaction of relevant Government departments.  A compensatory tree planting proposal including locations of tree compensation will be submitted to seek relevant government department's approval, in accordance with DEVB TC(W) No. 10/2013. (MM5)	All area/ Detailed design/ During construction/ During operation	WSD/ Contractor(s)	<b>√</b>	<b>√</b>	<b>*</b>	Implemented	DEVB TC(W) No. 10/2013
\$11.10 & 11.11	Any slope mitigation works necessary to address natural terrain hazards, will be minimized to minimize any potential environmental impact to the Country Park e.g. soil nailing and rock stabilization will aim to avoid existing trees e.g. should any restoration of vegetation be necessary, the best planting matrix with native species will be established, with the aim of resembling the existing vegetation. (MM6)	All area/ Detailed design/ During construction/ During operation	WSD/ Contractor(s)	<b>V</b>	<b>√</b>	<b>✓</b>	Implemented	
S11.10 & 11.11	Dredging works for the installation of intake structures and outfall diffusers should be minimized to avoid or reduce any potential environmental impacts to as low as reasonably practicable (ALARP). The intake and outfall structures (e.g. intake openings and diffuser heads) will be prefabricated and transferred to site for	All area/ Detailed design/ During construction/ During operation	WSD/ Contractor(s)	<b>√</b>	<b>✓</b>	<b>✓</b>	Implemented	





EIA	Recommended Environmental Protection Measures/	Objectives of the	Implementation Agent	Imp	lemer	ntation	entation I	mplementation	Relevant Legislation
Reference	Mitigation Measures	recommended measures & main concerns to address			Stag			status	& Guidelines
		main concerns to address		D	С	0	0		
	installation. (MM7)			<del>  _</del>					
S11.10 &	All night-time lighting will be reduced to a practical minimum	All area/ Detailed design/	WSD/ Contractor(s)	✓	<b>✓</b>	✓	•	Implemented	-
11.11	both in terms of number of level and will be hooded and	During construction/ During							
	directional. (MM8) units and lux level and will be hooded and directional. (MM8)	operation							
Landfill Ga									
S12.7	During all works, safety procedures should be implemented to	All area/ Detailed design/	Contractor(s)	T 🗸	<b>-</b>	· /	T 🗸 T	Implemented	_
312.7	minimize the risks of fires and explosions, asphyxiation of workers	During construction/operation	Contractor(s)	•	,			mpiementeu	-
	and toxicity effects resulting from contact with contaminated soil	During construction/operation							
	and groundwater.								
S12.7	During trenching and excavation as well as creation of confined	All area/ Detailed design/	Contractor(s)	<b>✓</b>	<b>✓</b>	✓	<b>✓</b>	Implemented	
012.7	spaces at near to or below ground level, precautions should be	During construction/operation	dona actor (5)					mpiemenea	
	clearly laid down and rigidly Gas detection equipment and	2 arms concuración, operación							
	appropriate breathing apparatus should be available and used								
	when entering confined spaces or trenches deeper than 1 meter.								
S12.7	The Contractor should make the workers are aware of potential	All area/ Detailed design/	Contractor(s)	✓	✓	✓	<b>✓</b>	Implemented	
	hazards of working in confined spaces (any chamber, manhole or	During construction/operation							
	culvert which is large enough to permit access to personnel). Such								
	work in confined spaces is controlled by the Factories and								
	Industrial Undertakings (Confined Spaces) Regulations of the								
	Factories and Industrial Undertakings Ordinance.								
	Following the Safety Guide to Working in Confined Spaces ensures								
612.7	compliance with the above regulations.	All (D. 11.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	0	1	1	<b>✓</b>		, l	
S12.7	Safety officers, specifically trained with regard to landfill gas and	All area/ Detailed design/	Contractor(s)	•	<b>V</b>	•	•	Implemented	
	leachate related hazards and the appropriate actions to take in adverse circumstances, should be present on the site throughout	During construction/operation							
	the works, in particular, when works are undertaken below grade.								
				<b>_</b>					
S12.7	All personnel who work on site and all visitors to the site should be	All area/ Detailed design/	Contractor(s)	✓	✓	✓	<b> </b> •	Implemented	
	made aware of the possibility of ignition of gas in the vicinity of the	During construction/operation							
	works, the possible presence of contaminated water and the need								
	to avoid physical contact with it.			<b>_</b>					
S12.7	Monitoring for landfill gas should be undertaken in all excavations,	All area/ Detailed design/	Contractor(s)	<b>1</b>	✓	<b>✓</b>	✓	Implemented	
	manholes, chambers (particularly during pipe jacking) and any	During construction/operation							
	confined spaces through the use of an intrinsically safe portable								
	instrument, appropriately calibrated and capable of measuring the								
C12.7	concentrations of methane. carbon dioxide and oxygen.  Monitoring frequency and areas to be monitored should be	All area / Detailed deale /	Combus stands	1	1	<b>✓</b>	+ , +	Implomental	
S12.7	specified prior to commencement of groundwork, either by the	All area/ Detailed design/	Contractor(s)	•	*	•	•	Implemented	
	Safety Officer, or by an appropriately qualified person. All	During construction/operation							
	measurements should be recorded and documented.								
	measurements should be recorded and documented.		1						





EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures &	Implementation Agent	Imp	lemei Stag	ntation	Implementation status	Relevant Legislation & Guidelines
Reference	intigation reasures	main concerns to address		D	C	<del></del>		a dulucinies
S12.7	Proceed drilling with adequate care and precautions against the potential hazards which may be encountered.	All area/ Detailed design/ During construction/operation	Contractor(s)	<b>V</b>	<b>1</b>	<b>√</b>	Implemented	
S12.7	Prior to the commencement of the site works, the drilling contractor should devise a 'method-of- working' statement covering all normal and emergency procedures (including but not limited to number of operatives, experience and special skills of operatives, normal method of operations, emergency procedures, <i>supervisors</i> responsibilities, storage and use of safety equipment, safety procedures and signs, barriers and guarding). The site <i>supervisor</i> and all operatives must be familiar with this statement.	All area/ During construction/operation	Contractor(s)	*	*	*	Implemented	
S12.7	Where below ground service entries are necessary to the Incoming Switchgear Room, 132 kV Substation and Chlorine Store (I) and (II), the entry point should be sealed to prevent gas entry. In addition, any below grade cable trenches entering the Incoming Switchgear Room and 132 kV Substation can become the pathway for landfill gas and hence grilled metal covers should be used.	All area/ Detailed design/ During construction/operation	Contractor(s)	<b>√</b>	<b>√</b>	<b>✓</b>	N/A	
S12.7	It is recommended regular landfill gas monitoring should be carried out at the Incoming Switchgear Room, 132 kV Substation and Chlorine Store (I) and (II). The monitoring frequency will be monthly for the first year of operation. If the monitoring results show no sign of landfill gas migration, reduce the monitoring frequency to once every six months.	All area/ Detailed design/ During construction/operation	Contractor(s)	<b>*</b>	<b>*</b>	*	N/A	
S12.7	The manholes and utility pits within the Project Site and along the fresh water mains. Each manhole/ utility pit should be monitored with two measurements (at mid depth and base). Each measurement should be monitored for a minimum of 10 minutes. A steady reading and peak reading should be recorded at each manhole/ utility pit and for each measurement. The need for venting the manhole/ utility pit and further monitoring will be reviewed after the initial monitoring.	All area/ Detailed design/ During construction/operation	Contractor(s)	1	<b>*</b>	*	Implemented	
S12.7	All construction, operation and maintenance personnel working on-site as well as visitors should be made aware of the hazards of landfill gas and its possible presence on-site. This should be achieved through a combination of posting warning signs in prominent places and also by access to detailed information on landfill gas hazards and the designs and procedural means by which these hazards are being minimized on-site.	All area/ Detailed design/ During construction/operation	Contractor(s)	<b>√</b>	<b>✓</b>	<b>*</b>	Implemented	

Note: D – Design stage C – Construction O – Operation





# Appendix C

**Impact Monitoring Schedule** 

# Contract No. 13/WSD/17

# Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant Water Quality Monitoring Schedule (August 2024)

un	Mon	Tue Wed	Thu	Fri	Sat
			1	2	3
			Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37, NF1, NF2, NF3		Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WS WSR36, WSR37, NF1, NF2, NF3
			Monitoring Period: Mid-ebb:08:33 - 12:03		Monitoring Period: Mid-ebb:09:58 - 13:28
	5	6 7	8	9	10
	Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37, NF1, NF2, NF3 Monitoring Period: Mid-obb/1116-114-16	Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37, NF1, NF2, NF3  Monitoring Period. Mid-flood 08 00 - 10 26			Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR 16, WSR 36, WSR37, NF1, NF2, NF3  Monitoring Period:  Mid-flood. 98.00 - 10:57
1	12	13 14	15	16	17
		Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37, NF1, NF2, NF3 Monitoring Period:	Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR36, WSR37, NF1, NF2, NF3  Monitoring Period:		Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR WSR36, WSR37, NF1, NF2, NF3 Monitoring Period:
8	19	Notationing Ferror. Mid-eth-08:00 - 9:15  20 21	Mid-ebb:08:00 - 10:41	23	Mid-ebb:08:30 - 12:00
	Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR36, WSR36, WSR37, NF1, NF2, NF3 Monitoring Period: Mid-ebb: 1000-013:30	Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37, NF1, NF2, NF3  Monitoring Period. Mid-Bood 08/00 - 09/42			Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR WSR36, WSR37, NF1, NF2, NF3 Monitoring Period: Mid-flood: 08:00 - 11:06
5	26	27 28	29	30	31
		Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37, NF1, NF2, NF3  Monitoring Period. Micbb: 08:00 - 09:46	Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR36, WSR36, WSR37, NF1, NF2, NF3  Monitoring Period: Mid-ebbc 08.00 - 11:04		Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR WSR36, WSR37, NF1, NF2, NF3  Monitoring Period: Mid-ebb: 0901-12:31

Remarks:

1. Monitoring Parameters: Dissolved oxygen, Temperature, pH, Turbidity, Salinity, Suspended Solids, Iron, Total Residual Chlorine

Note:

Due to safety concern of vessel transportation earlier than 0700, Water Quality Monitoring would start at 0800.

Prioritized routing: Mid-ebb: CE—WSR16—WSR37—WSR36—WSR33—Remaining stations and Mid-flood: CF—WSR1—WSR2—WSR3—WSR4—Remaining stations

### Contract No. 13/WSD/17

# Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant Tentative Water Quality Monitoring Schedule (September 2024)

n	Mon	Tue	Wed	Thu	Fri	Sat
	1	3	4	5	6	7
	-					
		Impact Water Quality monitoring for		Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16.		Impact Water Quality monitoring for
		CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16,		CE CE WEDT WEDT WEDT WEDT WEDTE		CE, CF, WSR1, WSR2, WSR3, WSR4, WSR
		WSR33, WSR36, WSR37, NF1, NF2, NF3		WSR33 WSR36 WSR37 NEI NE2 NE3		WSR33, WSR36, WSR37, NF1, NF2, NF
		WSR33, WSR36, WSR37, NF1, NF2, NF3		WSR33, WSR36, WSR37, NF1, NF2, NF3		WSR33, WSR36, WSR37, NF1, NF2, NF3
		Monitoring Period:		Monitoring Period: Mid-ebb:11:53 - 15:23		Monitoring Period:
		Mid-ebb:10:52 - 14:22		Mid ebb:11:53 15:23		Mid-flood:08:01 - 11:31
	9	10	11	12	13	14
						T
		Impact Water Quality monitoring for		Impact Water Quality monitoring for		Impact Water Quality monitoring for
		CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16,	.	CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16,		CE, CF, WSR1, WSR2, WSR3, WSR4, WSR
		WSR33, WSR36, WSR37, NF1, NF2, NF3		WSR33, WSR36, WSR37, NF1, NF2, NF3		WSR33, WSR36, WSR37, NF1, NF2, NF3
		Monitoring Period:		Monitoring Period:		Monitoring Period:
		Mid-flood:09:24 - 12:54		Mid-ebb:08:00 - 11:58		Mid-ebb: 08:00 - 10:52
	16	17	18	19	20	21
		Impact Water Quality monitoring for		Impact Water Quality monitoring for		Impact Water Quality monitoring for
		CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16,	.	CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16,		CE, CF, WSR1, WSR2, WSR3, WSR4, WSR
		WSR33, WSR36, WSR37, NF1, NF2, NF3		WSR33, WSR36, WSR37, NF1, NF2, NF3		WSR33, WSR36, WSR37, NF1, NF2, NF3
		Monitoring Period:		Monitoring Period:		Monitoring Period:
		Mid-ebb:09:42 - 13:12		Mid-ebb:11:13 - 14:43		Mid-flood:08:00 - 11:30
		Mid Coo.05.42 - 15.12		Mid Coo.11.13 - 14.43		Mid 100d.00.00 11.50
	23	24	25	26	27	28
		Impact Water Quality monitoring for		Impact Water Quality monitoring for		Impact Water Quality monitoring for
		CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16,	.	CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16,		CE, CF, WSR1, WSR2, WSR3, WSR4, WSR
		WSR33, WSR36, WSR37, NF1, NF2, NF3		WSR33, WSR36, WSR37, NF1, NF2, NF3		WSR33, WSR36, WSR37, NF1, NF2, NF3
		Monitoring Period:		Monitoring Period:		Monitoring Period:
		Mid-flood: 09:54-13:24		Mid-ebb: 08:05 - 11:35		Mid-ebb: 08:00 - 11:20
		Wild-Hood, 09.34-13.24		Mid-coo. 06.03 - 11.33		WIII-COO. 00.00 - 11.20
	30					

- Remark:

  1. Monitoring Parameters: Dissolved oxygen, Temperature, pH, Turbidity, Salinity, Suspended Solids, Iron, Total Residual Chlorine

  2. Typhon Signal No.3 was hosted on 5 September 2024. Due to the safety reasons, the monitoring was cancelled.

Note:
- Due to safety concern of vessel transportation earlier than 0700. Water Quality Monitoring would start at 0800.
- Trioritized routing Mid-ebb. CE—WSR16—WSR37—WSR36—WSR33—Remaining stations and Mid-flood: CF→WSR1

# Contract No. 13/WSD/17 Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant Ecological Monitoring Schedule

Aug-24									
Sun	Mon	Tue	Wed	Thu	Fri	Sat			
				1	2	3			
	5	6	7	8	9	10			
1	12	13	14	15	16	17			
.8	19	20	21	22	23	24			
						Dogular On anation			
			Regular Operation	on		Regular Operation			
			Phase Coral Monito	ring		Regular Operation Phase Fishery			
			Fliase Corai Monito	n nig		Monitoring			
25	26	27	28	29	30	31			
						Pagular Operation			
						Regular Operation			
						Phase Fishery			
						Monitoring			
he schedule may change	due to unforeseen circumstances (adve	erse weather, etc.)	I		I				

# Contract No. 13/WSD/17 Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant Tentative Ecological Monitoring Schedule

			Sep-24	,		
Sun	Mon	Tue		Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
			Dogular Operation			
			Regular Operation			
			Regular Operation Phase Coral Monitoring			
22	23	24	25	26	27	28
20	30					
27	30					
The schedule may change due to unforese	en circumstances (adverse weather, etc.)	1	1	1	1	I.

# Contract No. 13/WSD/17 Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant Landfill Gas Monitoring Schedule (August 2024)

Sun	Mon	Tue		Thu 1	Fri 2	Sat 3
					2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
					Landfill Gas Monitoring	Landfill Gas Monitoring
10	10	20				
18	19	20	21	22	23	24
18	19	20	21	22	23	24
18	19	20	21	22	23	24
18	19	20	21	22	23	24
18	19	20	21	22	23	24
18	19	20	21	22	23	24
						24
25						
25	26					
25	26					
25	26					

# Contract No. 13/WSD/17 Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant Tentative Landfill Gas Monitoring Schedule (September 2024)

Sun	Mon	Tue	Wed	Thu	Fri	Sat	
Sun 1	Mon 2	Tue 3	4	5	6	7	
8	9	10	11	12	13	14	
15	16	17	18	19	20	21	
-	10				20		
				Landfill Gas Mo	nitoring Landfill Gas Monitori	ng	
22	23	24	25	26	27	28	
22	25	24	25	20	27	28	
29	30	31	32	33	34	35	
Remarks:							
1. Monitoring Parameters: Oxygen, Met	hane, Carbon Dioxide and Barometric Pressure						





# Appendix D

Event / Action Plan





## Table D1 Event and Action Plan for Water Quality Monitoring

Event	Action	PAGE 1		2.85.01
Lvent	ET	IEC	Contractor(s)	ER
Action Level being exceeded by one sampling day	Repeat in situ measurement on the next day of exceedance to confirm findings;     Check monitoring data, plant, equipment and Contractor(s)'s working methods;     Identity source(s) of impact and record in notification of exceedance;     Inform IEC, Contractor(s) and ER.	Check monitoring data submitted by ET and Contractor(s)'s working methods;     Inform EPD.	Confirm receipt of notification of exceedance in writing:     Check plant and equipment and rectify unacceptable practice	<ol> <li>Confirm receipt of notification of exceedance in writing.</li> </ol>
Action Level being exceeded by two or more consecutive sampling days	Repeat in situ measurement on the next day of exceedance to confirm findings;     Check monitoring data, plant, equipment and Contractor(s)'s working methods;     Identity source(s) of impact and record in notification of exceedance;     Inform IEC, Contractor(s) and ER;     Discuss with IEC and Contractor(s) on additional mitigation measures and ensure that they are implemented	Check monitoring data submitted by ET and Contractor(s)'s working methods;     Inform EPD;     Discuss with ET and Contractor(s) on additional mitigation measures and advise ER accordingly;     Assess the effectiveness of the implemented mitigation measures.	Confirm receipt of notification of exceedance in writing;     Check plant and equipment and rectify unacceptable practice;     Consider changes of working methods;     Discuss with ET and IEC on additional mitigation measures and propose them to ER within 3 working days;     Implement the agreed mitigation measures.	Confirm receipt of notification of exceedance in writing;     Discuss with the IEC on the proposed additional mitigation measures and agree on the mitigation measures to be implemented.     Ensure additional mitigation measures are proper implemented.
Limit Level being exceeded by one sampling day	Repeat in situ measurement on the next day of exceedance to confirm findings;     Check monitoring data, plant, equipment and Contractor(s)'s working methods;     Identify source(s) of impact and record in notification of exceedance;     Inform IEC, Contractor(s) and ER;     Discuss with IEC and Contractor(s) on additional mitigation measures and ensure that they are implemented	Check monitoring data submitted by ET and Contractor(s)'s working methods;     Inform EPD;     Discuss with ET and Contractor(s) on additional mitigation measures and advise ER accordingly;     Assess the effectiveness of the implemented mitigation measures.	Confirm receipt of notification of exceedance in writing;     Check plant and equipment and rectify unacceptable practice;     Critically review the need to change working methods;     Discuss with ET and IEC on additional mitigation measures and propose them to ER within 3 working days;     Implement the agreed mitigation measures.	1. Confirm receipt of notification of exceedance in writing; 2. Discuss with the IEC on the proposed additional mitigation measures and agree on the mitigation measures to be implemented. 3. Ensure additional mitigation measures are proper implemented. 4. Request Contractor(s) to critically review the working methods.
Limit Level being exceeded by two or more consecutive sampling days	Repeat in situ measurement on the next day of exceedance to confirm findings;     Check monitoring data, plant, equipment and Contractor(s)'s working methods;     Identify source(s) of impact and record in notification of exceedance;     Inform IEC, Contractor(s) and ER;     Discuss with IEC and Contractor(s) on additional mitigation measures and ensure that they are implemented	Check monitoring data submitted by ET and Contractor(s)'s working methods;     Inform EPD;     Discuss with ET and Contractor(s) on additional mitigation measures and advise ER accordingly;     Assess the effectiveness of the implemented mitigation measures.	1. Confirm receipt of notification of exceedance in writing: 2. Check plant and equipment and rectify unacceptable practice; 3. Critically review the need to change working methods; 4. Discuss with ET and IEC on additional mitigation measures and propose them to ER within 3 working days; 5. Implement the agreed mitigation measures. 6. As directed by ER, slow down or stop all or part of the marine construction works/ production volume of the desalination plant until no exceedance of Limit Level.	mitigation measures and agree on the mitigation measures to be implemented.  3. Ensure additional mitigation measures are proper implemented.  4. Request Contractor(s) to critically review the working methods;  5. Consider and instruct, if necessary, the Contractor(s) to slow down or to stop all or part of

Notes: ET = Environmental Team, IEC = Independent Environmental Checker; ER = Engineering Representatives. The above actions should be taken within 1 working day after the exceedance is identified during operation phase.





Table D2 Event and Action Plan for Ecology during Operation Phase

Event				Act	ion			
Lvent	ET	9	IEC	2411011	Con	ntractor(s)	ER	
Non- conformity on one occassion	1. 2. 3. 4.	Identify source Inform IEC and ER Discuss remedial actions with IEC, the ER and the Contractor Monitor/ audit/ review remedial actions until rectification has been completed	<ol> <li>2.</li> <li>3.</li> <li>4.</li> <li>5.</li> </ol>	Check monitoring/ auditing results Check the Contractor's working method Discuss with the ET and Contractor on possible remedial measures Advise the ER on effectiveness of proposed remedial measures Check the implementation of remedial measures	1. 2. 3. 4.	Take immediate action to avoid further problem Amend working methods if needed Submit proposals for remedial actions to ET, ER and IEC Rectify damage and implement the agreed remedial actions	3,	Notify Contractor Ensure remedial measures are properly implemented Consider and instruct, if necessary, the Contractor to slow down or to stop all or part of the works in case of serious non-conformity until situation i rectified
Repeated Non- comformity	1. 2. 3. 4.	Identify source Inform IEC, ER, EPD and AFCD Increase monitoring and audit frequency Discuss remedial actions with the IEC, the ER and the Contractor Monitor/ audit/ review remedial actions until rectification has been completed If non-conformity stops, cease additional monitoring/ auditing	1. 2. 3. 4.	Check monitoring/ auditing results Check the Contractor's working method Discuss with the ET and Contractor on possible remedial measures Supervise the implementation of remedial measures Advise the ER on effectiveness of proposed remedial measures and keep EPD and AFCD informed	1. 2. 3. 4.	Take immediate action to avoid further problem Amend working methods if needed Submit proposals for remedial actions to ET, ER and IEC Rectify damage and implement the agreed remedial actions	1. 2. 3.	Notify Contractor Ensure remedial measures are properly implemented Consider and instruct, if necessary, the Contactor to slow down or to stop all or part of the works in the case of serious non-conformity until situation i rectified

Notes : ET = Environmental Team, IEC = Independent Environmental Checker; ER = Engineering Representatives

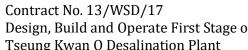




Table D3 Event and Action Plan for Operation Phase Coral Monitoring

***	Action						
Event	ET Leader	IEC	SOR **	Contractor			
Action Level Exceedance	1. Check monitoring data 2. Inform the IEC, SOR and Contractor of the findings; 3. Increase the monitoring to at least once a month to confirm findings; 4. Propose mitigation measures for consideration	1. Discuss monitoring with the ET and the Contractor;  2. Review proposals for additional monitoring and any other measures submitted by the Contractor and advise the SOR accordingly.	1. Discuss with the IEC additional monitoring requirements and any other measures proposed by the ET; 2. Make agreement on the measures to be implemented.	1. Inform the SOR and confirm notification of the noncompliance in writing; 2. Discuss with the ET and the IEC and propose measures to the IEC and the SOR; 3. Implement the agreed measures.			
Limit Level Exceedance	1. Undertake Steps 1-4 as in the Action Level Exceedance. If further exceedance of Limit Level, propose enhancement measures for consideration.	1. Discuss monitoring with the ET and the Contractor; 2. Review proposals for additional monitoring and any other measures submitted by the Contractor and advise the SOR accordingly.	Discuss with the IEC additional monitoring requirements and any other measures proposed by the ET;     Make agreement on the measures to be implemented.	confirm notification of the non-compliance in writing;			

Remark: \*\* The "SOR" is equivalent to the "ER" as defined in the EM&A Manual of the Project







#### Table D4 Event and Action Plan for Operation Phase LFG Hazard

Parameters	Level	Action
Oxygen (O2)	Action Level < 19% O <sub>2</sub>	Ventilate trench/void to restore O <sub>2</sub> to > 19%
	Limit Level < 19% O <sub>2</sub>	Stop works
		Evacuate personnel/prohibit entry
		Increase ventilation to restore O2 to
		> 19%
Methane (CH <sub>4</sub> )	Action Level >10% LEL	Post "No Smoking" signs
		Prohibit hot works
		Increase ventilation to restore CH <sub>4</sub> to <10% LEL
	Limit Level >20% LEL	Stop works
		Evacuate personnel/prohibit entry
		Increase ventilation to restore CH4
		to<10% LEL
Carbon Dioxide (CO <sub>2</sub> )	Action Level >0.5% CO <sub>2</sub>	Ventilate to restore CO <sub>2</sub> to < 0.5%
	Limit Level >1.5% CO <sub>2</sub>	Stop works
		Evacuate personnel / prohibit entry
		Increase ventilation to restore CO <sub>2</sub> to <0.5%





# Appendix E

Water Quality Monitoring Equipment and Landfill Gas Equipment Calibration Certification

# REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Test Report No.

: R-BD070022

Date of Issue

: 15 July 2024

Page No.

: 1 of 2

#### PART A - CUSTOMER INFORMATION

Acuity Sustainability Consulting Limited

Unit E, 12/F, Ford Glory Plaza 37-39 Wing Hong Street, Cheung Sha Wan, Kowloon, Hong Kong

#### PART B - SAMPLE INFORMATION

Name of Equipment:

YSI ProDSS Multi Parameters

Manufacturer:

YSI

Serial Number:

22C106561

Date of Received:

11 July 2024

Date of Calibration:

12 July 2024

Date of Next Calibration : Request No. : 11 October 2024 D-BD070022

#### PART C - REFERENCE METHODS/ DOCUMENTS FOR THE CALIBRATION

Test Parameter

Reference Method

pH value

APHA 21e 4500-H+ B

Temperature

Section 6 of international Accreditation New Zealand Technical Guide no. 3 Second edition March

2008: Working Thermometer Calibration Procedure

Salinity

APHA 21e 2520 B

Dissolved oxygen

APHA 23e 4500-O G (Membrane Electrode Method)

Turbidity

APHA 21e 2130 B (Nephelometric Method)

### PART D - CALIBRATION RESULT

#### (1) pH value

Target (pH unit)	Display Reading (pH unit)	Tolerance	Result
4.00	4.03	0.03	Satisfactory
7.42	7.46	0.04	Satisfactory
10.01	10.05	0.04	Satisfactory

Tolerance of pH value should be less than  $\pm$  0.2 (pH unit)

#### (2) Temperature

Reading of Ref. thermometer ( °C )	Display Reading ( °C )	Tolerance	Result
16.0	14.7	-1.3	Satisfactory
25.5	24.1	-1.4	Satisfactory
32.0	30.8	-1.2	Satisfactory

Tolerance of Temperature should be less than  $\pm 2.0$  ( °C )

#### (3) Salinity

Expected Reading (g/L)	Display Reading (g/L)	Tolerance (%)	Result
10	10.01	0.10	Satisfactory
20	20.21	1.05	Satisfactory
30	30.90	3.00	Satisfactory

Tolerance of Salinity should be less than ± 10.0 (%)

--- CONTINUED ON NEXT PAGE ---

AUTHORIZED SIGNATORY:

Assistant Manager

# REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Test Report No. : R-BD070022

Date of Issue : 15 July 2024

Page No. : 2 of 2

#### (4) Dissolved oxygen

Expected Reading ( mg/L )	Display Reading ( mg/L )	Tolerance	Result
8.50	8.56	0.06	Satisfactory
7.11	6.66	-0.45	Satisfactory
4.31	4.13	-0.18	Satisfactory
0.69	0.30	-0.39	Satisfactory

Tolerance of Dissolved oxygen should be less than  $\pm$  0.5 ( mg/L )

#### (5) Turbidity

Expected Reading ( NTU )	Display Reading (NTU)	Tolerance (%)	Result
0	-0.12	7.	1,555
10	9.88	-1.2	Satisfactory
20	19.42	-2.9	Satisfactory
100	97.08	-2.9	Satisfactory
800	743.03	-7.1	Satisfactory

Tolerance of Turbidity should be less than  $\pm$  10.0 ( % )

#### Remark(s)

- 'The "Date of Next Calibration" is recommended according to best practice principals as practiced by QPT or quoted form relevant international standards.
- 'The results relate only to the calibrated equipment as received
- The performance of the equipment stated in this report is checked with independent reference material and results compared against a calibrated secondary source.
- "Displayed Reading" denotes the figure shown on item under calibration/ checking regardless of equipment precision or significant figures.
- 'The "Tolerance Limit" mentioned is the acceptance criteria applicable for similar equipment used by Quality Pro Test-Consult Ltd. or quoted form relevant international standards.

--- END OF REPORT ---

Tel: (852) 3956 8717; Fax: (852) 3956 3928

REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Test Report No.

: R-BD080044

Date of Issue

: 16 August 2024

Page No.

: 1 of 2

#### PART A - CUSTOMER INFORMATION

Acuity Sustainability Consulting Limited

Unit E, 12/F, Ford Glory Plaza 37-39 Wing Hong Street, Cheung Sha Wan, Kowloon, Hong Kong

PART B - SAMPLE INFORMATION

Name of Equipment:

YSI ProDSS Multi Parameters

Manufacturer:

YSI

Serial Number:

24G101659

Date of Received :

15 August 2024

Date of Calibration:

16 August 2024

Date of Next Calibration:

16 November 2024

Request No.: D-BD080044

#### PART C - REFERENCE METHODS/ DOCUMENTS FOR THE CALIBRATION

Test Parameter

Reference Method

pH value

APHA 21e 4500-H+ B

Temperature

Section 6 of international Accreditation New Zealand Technical Guide no. 3 Second edition March

2008: Working Thermometer Calibration Procedure

Salinity

APHA 21e 2520 B

Dissolved oxygen

APHA 23e 4500-O G (Membrane Electrode Method)

Oxidation-Reduction Potential

APHA 22e 2580 B

Turbidity

APHA 21e 2130 B (Nephelometric Method)

#### PART D - CALIBRATION RESULT

#### (1) pH value

Target (pH unit)	Display Reading (pH unit)	Tolerance	Result
4.00	3.96	-0.04	Satisfactory
7,42	7.32	-0.10	Satisfactory
10.01	9.95	-0.06	Satisfactory

Tolerance of pH value should be less than ± 0.2 ( pH unit )

#### (2) Temperature

Reading of Ref. thermometer ( °C )	Display Reading ( °C )	Tolerance	Result
18.0	17.8	-0.2	Satisfactory
26.0	25.2	-0.8	Satisfactory
32.0	31.0	-1.0	Satisfactory

Tolerance of Temperature should be less than  $\pm 2.0$  ( °C )

#### (3) Salinity

Expected Reading (g/L)	Display Reading (g/L)	Tolerance (%)	Result
10	9.75	-2,50	Satisfactory
20	19.76	-1.20	Satisfactory
30	29.92	-0.27	Satisfactory

Tolerance of Salinity should be less than ± 10.0 (%)

--- CONTINUED ON NEXT PAGE ---

AUTHORIZED SIGNATORY:

> LEE Chun-ning Assistant Manager

Tel: (852) 3956 8717; Fax: (852) 3956 3928

# REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Test Report No.

: R-BD080044

Date of Issue

: 16 August 2024

Page No.

: 2 of 2

#### (4) Dissolved oxygen

Expected Reading ( mg/L )	Display Reading ( mg/L )	Tolerance	Result
8.09	8.17	0.08	Satisfactory
7.53	7.97	0.44	Satisfactory
6.52	6.55	0.03	Satisfactory
0.72	1.05	0.33	Satisfactory

Tolerance of Dissolved oxygen should be less than  $\pm 0.5$  ( mg/L )

#### (5) Oxidation-Reduction Potential

Expected Reading	Display Reading	Tolerance	Result
229	225.4	-3.6	Satisfactory

Tolerance of Oxidation-Reduction Potential should be less than ± 10.0 ( mV )

#### (6) Turbidity

Expected Reading ( NTU )	Display Reading (NTU)	Tolerance (a) (%)	Result
0	0.40	E#	247
10	9.24	-7.6	Satisfactory
20	19.63	-1.9	Satisfactory
100	94.80	-5.2	Satisfactory
800	738.22	-7.7	Satisfactory

Tolerance of Turbidity should be less than  $\pm$  10.0 (%)

#### Remark(s)

- 'The "Date of Next Calibration" is recommended according to best practice principals as practiced by QPT or quoted form relevant international standards.
- The results relate only to the calibrated equipment as received
- The performance of the equipment stated in this report is checked with independent reference material and results compared against a calibrated secondary source.
- "Displayed Reading" denotes the figure shown on item under calibration/ checking regardless of equipment precision or significant figures.
- 'The "Tolerance Limit" mentioned is the acceptance criteria applicable for similar equipment used by Quality Pro Test-Consult Ltd. or quoted form relevant international standards.

--- END OF REPORT ---

<sup>(</sup>a) For 0 NTU, Display Reading should be less than 1 NTU



#### ALS Technichem (HK) Pty Ltd

HONG KONG

11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwal Chung, N.T., Hong Kong

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**DATE RECEIVED:** 

# REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

**CONTACT: JOE HO WORK ORDER:** HK2431081

**CLIENT: AURECON HONG KONG LIMITED ADDRESS:** UNIT E, 12/F, FORD GLORY PLAZA,

**SUB-BATCH:** NO. 37-39 WING HONG STREET, **LABORATORY:** 

LAI CHI KOK

05-Aug-2024 **DATE OF ISSUE:** 08-Aug-2024

### **GENERAL COMMENTS**

The performance of the equipment stated in this report is checked with independent reference material and results compared against a calibrated secondary source.

The "Tolerance Limit" quoted is the acceptance criteria applicable for similar equipment used by the laboratory or quoted from relevant international standards.

The "Next Calibration Date" is recommended according to best practice principle as practised by the laboratory or quoted from relevant international standards.

The validity of equipment/ meter performance only applies to the result(s) stated in the report.

This report superseded any previous report(s) with same work order number.

### **EQUIPMENT INFORMATION**

Equipment information (Brand name, Model No., Serial No. and Equipment No.) is provided by client.

Chlorine Meter Equipment Type: Performance Check Service Nature:

Free Chlorine and Total Residual Chlorine Scope:

Brand Name/ Model No.: [LOVIBOND]/[MD200] Serial No./ Equipment No.: [19/79699]/[N/A] Date of Calibration: 06-August-2024

Ms. Lin Wai Yu, Iris Assistant Manager - Inorganics

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# **REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION**

WORK ORDER: HK2431081

**SUB-BATCH:** 0

**DATE OF ISSUE:** 08-Aug-2024

**CLIENT:** AURECON HONG KONG LIMITED

Equipment Type:

Chlorine Meter

Brand Name/ Model No.:

[LOVIBOND]/[MD200]

Serial No./

[19/79699]/[N/A]

Equipment No.: Date of Calibration:

06-August-2024

Date of Next Calibration:

06-November-2024

**PARAMETERS:** 

**Free Chlorine** 

Method Ref: APHA (23rd edition), 4500Cl: G

Expected Reading (mg/L)	Displayed Reading (mg/L)	Tolerance (%)
0.2	0.21	+5.0
1.0	1.02	+2.0
2.0	2.05	+2.5
	Tolerance Limit (%)	±10.0

Total Residual Chlorine

Method Ref: APHA (23rd edition), 4500Cl: G

Expected Reading (mg/L)	Displayed Reading (mg/L)	Tolerance (%)
0.2	0.20	+0.0
1.0	0.94	-6.0
2.0	1.94	-3.0
	Tolerance Limit (%)	±10.0

Remark: "Displayed Reading" presents the figures shown on item under calibration / checking regardless of equipment precision or significant figures.

Ms. Lin Wai Yu, Iris

Assistant Manager - Inorganics



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# REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

CONTACT: MR. TOBY WAN WORK ORDER: HK2430980

**CLIENT:** AURECON HONG KONG LIMITED

ADDRESS: UNIT 1608, 16/F, TOWER B, SUB-BATCH:

MANULIFE FINANCIAL CENTRE,

223-231 WAI YIP STREET,

KWUN TONG, HONG KONG

LABORATORY: HONG KONG

DATE RECEIVED: 25-Jul-2024

DATE OF ISSUE: 08-Aug-2024

### **GENERAL COMMENTS**

The performance of the equipment stated in this report is checked with independent reference material and results compared against a calibrated secondary source.

The "Tolerance Limit" quoted is the acceptance criteria applicable for similar equipment used by the laboratory or quoted from relevant international standards.

The "Next Calibration Date" is recommended according to best practice principle as practised by the laboratory or quoted from relevant international standards.

The validity of equipment/ meter performance only applies to the result(s) stated in the report.

This report superseded any previous report(s) with same work order number.

### **EQUIPMENT INFORMATION**

Equipment information (Brand name, Model No., Serial No. and Equipment No.) is provided by client.

Equipment Type: Thermometer
Service Nature: Performance Check

Scope: Temperature

Brand Name/ Model No.: [Xylem]/ [TetraCon® 700IQ SW, SensoLyt®700IQ SW]

Serial No./ Equipment No.: [23462251]/ [N/A] Date of Calibration: 25-July-2024

> Mr Chan Siu Ming, Vico Assistant Laboratory Manager

Ma Sign

Environmental

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## REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

WORK ORDER: HK2430980

SUB-BATCH: 4

**DATE OF ISSUE:** 08-Aug-2024

**CLIENT:** AURECON HONG KONG LIMITED

Equipment Type:

Thermometer

Brand Name/ Model No.:

[Xylem]/ [TetraCon® 700IQ SW, SensoLyt®700IQ SW]

Serial No./

[23462251]/[N/A]

Equipment No.: Date of Calibration:

25-July-2024

Date of Next Calibration:

25-October-2024

### **PARAMETERS:**

Temperature Method Ref: Section 6 of International Accreditation New Zealand Technical

Guide No. 3 Second edition March 2008: Working Thermometer Calibration Procedure.

Expected Reading (°C)	Displayed Reading (°C)	Tolerance (°C)
30.4	30.0	-0.4
	Tolerance Limit (°C)	±2.0

Remark: "Displayed Reading" presents the figures shown on item under calibration / checking regardless of equipment precision or significant figures.

Mr Chan Siu Ming, Vico Assistant Laboratory Manager

Ma Ali

Environmental



### ALS Technichem (HK) Pty Ltd

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# REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

CONTACT: MR. TOBY WAN WORK ORDER: HK2430980

**CLIENT:** AURECON HONG KONG LIMITED

ADDRESS: UNIT 1608, 16/F, TOWER B, SUB-BATCH:

MANULIFE FINANCIAL CENTRE,

223-231 WAI YIP STREET,

KWUN TONG, HONG KONG

LABORATORY: HONG KONG

DATE RECEIVED: 25-Jul-2024

DATE OF ISSUE: 08-Aug-2024

### **GENERAL COMMENTS**

The performance of the equipment stated in this report is checked with independent reference material and results compared against a calibrated secondary source.

The "Tolerance Limit" quoted is the acceptance criteria applicable for similar equipment used by the laboratory or quoted from relevant international standards.

The "Next Calibration Date" is recommended according to best practice principle as practised by the laboratory or quoted from relevant international standards.

The validity of equipment/ meter performance only applies to the result(s) stated in the report.

This report superseded any previous report(s) with same work order number.

### **EQUIPMENT INFORMATION**

Equipment information (Brand name, Model No., Serial No. and Equipment No.) is provided by client.

Equipment Type: Salinity Meter
Service Nature: Performance Check

Scope: Salinity

Brand Name/ Model No.: [Xylem]/ [TetraCon® 700 IQ SW]

Serial No./ Equipment No.: [24141069]/ [N/A] Date of Calibration: 25-July-2024

> Mr Chan Siu Ming, Vico Assistant Laboratory Manager

Ma Sign

Environmental

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# **REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION**

WORK ORDER: HK2430980

SUB-BATCH: 1

**DATE OF ISSUE:** 08-Aug-2024

**CLIENT:** AURECON HONG KONG LIMITED

Equipment Type:

Salinity Meter

Brand Name/

[Xylem]/[TetraCon® 700 IQ SW]

Model No.: Serial No./

[24141069]/[N/A]

Equipment No.: Date of Calibration:

[-----

25-July-2024

Date of Next Calibration:

25-October-2024

**PARAMETERS:** 

Salinity Method Ref: APHA (23rd edition), 2520B

Expected Reading (ppt)	Displayed Reading (ppt)	Tolerance (%)
20	20.2	+1.0
	Tolerance Limit (%)	±10.0

Remark: "Displayed Reading" presents the figures shown on item under calibration / checking regardless of equipment precision or significant figures.

Mr Chan Siu Ming, Vico Assistant Laboratory Manager Environmental

Ma Shi

Page 2 of 2



## ALS Technichem (HK) Pty Ltd

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# REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

CONTACT: MR. TOBY WAN WORK ORDER: HK2430980

**CLIENT:** AURECON HONG KONG LIMITED

ADDRESS: UNIT 1608, 16/F, TOWER B, SUB-BATCH:

MANULIFE FINANCIAL CENTRE,

223-231 WAI YIP STREET,

KWUN TONG, HONG KONG

LABORATORY: HONG KONG

DATE RECEIVED: 25-Jul-2024

DATE OF ISSUE: 08-Aug-2024

# **GENERAL COMMENTS**

The performance of the equipment stated in this report is checked with independent reference material and results compared against a calibrated secondary source.

The "Tolerance Limit" quoted is the acceptance criteria applicable for similar equipment used by the laboratory or quoted from relevant international standards.

The "Next Calibration Date" is recommended according to best practice principle as practised by the laboratory or quoted from relevant international standards.

The validity of equipment/ meter performance only applies to the result(s) stated in the report.

This report superseded any previous report(s) with same work order number.

## **EQUIPMENT INFORMATION**

Equipment information (Brand name, Model No., Serial No. and Equipment No.) is provided by client.

Equipment Type: Dissolved Oxygen Meter Service Nature: Performance Check
Scope: Dissolved Oxygen

Brand Name/ Model No.: [Xylem]/ [FDO® 700 IQ SW]
Serial No./ Equipment No.: [24131693/24111728]/ [N/A]

Date of Calibration: 25-July-2024

Mr Chan Siu Ming, Vico Assistant Laboratory Manager

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Environmental

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# **REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION**

WORK ORDER: HK2430980

**SUB-BATCH:** 2

**DATE OF ISSUE:** 08-Aug-2024

**CLIENT:** AURECON HONG KONG LIMITED

25-July-2024

Equipment Type:

Dissolved Oxygen Meter

Brand Name/ Model No.:

[Xylem]/[FDO® 700 IQ SW]

Serial No./

[24131693/24111728]/[N/A]

Equipment No.: Date of Calibration:

Date of Next Calibration: 25-October-2024

## **PARAMETERS:**

#### **Dissolved Oxygen**

#### Method Ref: APHA (23rd edition), 4500O: G

Expected Reading (mg/L)	Displayed Reading (mg/L)	Tolerance (mg/L)
7.26	7.36	+0.10
	Tolerance Limit (mg/L)	±0.20

Remark: "Displayed Reading" presents the figures shown on item under calibration / checking regardless of equipment precision or significant figures.

Mr Chan Siu Ming, Vico Assistant Laboratory Manager

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Environmental



## ALS Technichem (HK) Pty Ltd

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# REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

CONTACT: MR. TOBY WAN WORK ORDER: HK2430980

**CLIENT:** AURECON HONG KONG LIMITED

ADDRESS: UNIT 1608, 16/F, TOWER B, SUB-BATCH:

MANULIFE FINANCIAL CENTRE,

223-231 WAI YIP STREET,

KWUN TONG, HONG KONG

LABORATORY: HONG KONG

DATE RECEIVED: 25-Jul-2024

DATE OF ISSUE: 08-Aug-2024

# **GENERAL COMMENTS**

The performance of the equipment stated in this report is checked with independent reference material and results compared against a calibrated secondary source.

The "Tolerance Limit" quoted is the acceptance criteria applicable for similar equipment used by the laboratory or quoted from relevant international standards.

The "Next Calibration Date" is recommended according to best practice principle as practised by the laboratory or quoted from relevant international standards.

The validity of equipment/ meter performance only applies to the result(s) stated in the report.

This report superseded any previous report(s) with same work order number.

## **EQUIPMENT INFORMATION**

Equipment information (Brand name, Model No., Serial No. and Equipment No.) is provided by client.

Equipment Type: Turbidimeter

Service Nature: Performance Check

Scope: Turbidity

Brand Name/ Model No.: [Xylem]/ [VisoTurb® 700 IQ SW] Serial No./ Equipment No.: [24120626/24111726]/ [N/A]

Date of Calibration: 25-July-2024

Mr Chan Siu Ming, Vico Assistant Laboratory Manager

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# **REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION**

WORK ORDER: HK2430980

SUB-BATCH: 3

**DATE OF ISSUE:** 08-Aug-2024

**CLIENT:** AURECON HONG KONG LIMITED

Equipment Type:

Turbidimeter

Brand Name/ Model No.:

[Xylem]/[VisoTurb® 700 IQ SW]

Serial No./

[24120626/24111726]/[N/A]

Equipment No.: Date of Calibration:

25-July-2024

Date of Next Calibration:

25-October-2024

**PARAMETERS:** 

Turbidity Method Ref: APHA (23rd edition), 2130B

Expected Reading (NTU)	Displayed Reading (NTU)	Tolerance (%)
0.68	1.00	+47.1
	Tolerance Limit (%)	±10.0

Remark: "Displayed Reading" presents the figures shown on item under calibration / checking regardless of equipment precision or significant figures.

Mr Chan Siu Ming, Vico Assistant Laboratory Manager

Ma Sin

Environmental

Ref.

2024/04/014

Date: 23-Apr-24

Customer

Aurecon Hong Kong Ltd.

## CERTIFICATE FOR CALIBRATION CHECK TEST

Model	Serial No.	Calibration Check Gas	Regulator	Full Scale	Response
		1.45% Methane,		100% LEL	29% LEL
		15% Oxygen		30% Vol	15% O2
Altair 5X	221165	60ppm Carbon Monoxide	.25litre/min	1999 ppm	60 ppm CO
		20ppm Hydrogen Sulfide		200 ppm	20 ppm H2S
		10% Vol Carbon Dioxide		10% Vol	3% CO2

Remarks:

Regular inspection completed. Calibration passed

MSA Hong Kong Ltd. certify that instrument/s listed above has/have been calibrated check tested on: 23-Apr-24

This instrument was calibrated in accordance with all requirements of the specifications of MSA.

This instrument must be calibration checked prior to use in accordance with the instruction manual.

This instrument was calibrated using NIST traceable equipment and was in accordance with all requirements of the drawings and specifications of MSA.

For and on behalf of MSA Hong Kong Ltd.

Authorised Signature





# Appendix F

Water Quality Monitoring Data & Landfill Gas Monitoring Data

Location	Date	Weather	Tide	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp ((°C)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L)	Total Residual Chlorine (mg/L)
CE	1/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	8:37:00 AM	8.99	8.15	32.32	27.50	2.27	5.00	<0.1	<0.01
CE	1/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	8:37:00 AM	8.82	8.19	32.30	27.50	2.38	6.00	<0.1	<0.01
CE	1/08/2024	Cloudy	Mid-Ebb	Moderate	М	11	8:38:00 AM	8.93	8.16	32.35	27.47	2.35	6.00	<0.1	<0.01
CE	1/08/2024	Cloudy	Mid-Ebb	Moderate	М	11	8:38:00 AM	8.98	8.16	32.35	27.48	2.31	5.00	<0.1	<0.01
CE	1/08/2024	Cloudy	Mid-Ebb	Moderate	В	22	8:39:00 AM	8.94	8.20	32.36	27.48	2.26	4.00	<0.1	<0.01
CE	1/08/2024	Cloudy	Mid-Ebb	Moderate	В	22	8:39:00 AM	8.85	8.15	32.24	27.42	2.27	6.00	<0.1	<0.01
CF	1/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	11:50:00 AM	9.12	8.22	31.58	27.42	1.93	4.00	<0.1	<0.01
CF	1/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	11:50:00 AM	8.99	8.22	31.48	27.33	1.96	3.00	<0.1	<0.01
CF	1/08/2024	Cloudy	Mid-Ebb	Moderate	М	11	11:51:00 AM	9.04	8.22	31.60	27.37	1.97	5.00	<0.1	<0.01
CF	1/08/2024	Cloudy	Mid-Ebb	Moderate	M	11	11:51:00 AM	9.07	8.23	31.55	27.33	2.05	3.00	<0.1	<0.01
CF	1/08/2024	Cloudy	Mid-Ebb	Moderate	В	21	11:52:00 AM	9.03	8.22	31.61	27.36	2.04	5.00	<0.1	<0.01
CF	1/08/2024	Cloudy	Mid-Ebb	Moderate	В	21	11:52:00 AM	9.06	8.22	31.58	27.42	2.01	4.00	<0.1	<0.01
WSR01	1/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	11:25:00 AM	9.12	8.27	32.39	27.51	1.97	5.00	<0.1	<0.01
WSR01	1/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	11:25:00 AM	9.19	8.27	32.32	27.44	1.95	4.00	<0.1	<0.01
WSR01	1/08/2024	Cloudy	Mid-Ebb	Moderate	М	5	11:26:00 AM	9.20	8.27	32.42	27.48	1.99	4.00	<0.1	<0.01
WSR01	1/08/2024	Cloudy	Mid-Ebb	Moderate	М	5	11:26:00 AM	9.20	8.30	32.29	27.45	1.95	5.00	<0.1	<0.01
WSR01	1/08/2024	Cloudy	Mid-Ebb	Moderate	В	8	11:27:00 AM	9.22	8.29	32.37	27.44	1.94	5.00	<0.1	<0.01
WSR01	1/08/2024	Cloudy	Mid-Ebb	Moderate	В	8	11:27:00 AM	9.07	8.28	32.31	27.43	1.95	3.00	<0.1	<0.01
WSR02	1/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	11:06:00 AM	8.31	8.23	32.21	27.21	2.07	3.00	<0.1	<0.01
WSR02	1/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	11:06:00 AM	8.31	8.24	32.12	27.20	2.08	6.00	<0.1	<0.01
WSR02	1/08/2024	Cloudy	Mid-Ebb	Moderate	М	5	11:07:00 AM	8.30	8.23	32.20	27.28	2.09	2.50	<0.1	<0.01
WSR02	1/08/2024	Cloudy	Mid-Ebb	Moderate	М	5	11:07:00 AM	8.33	8.22	32.20	27.26	2.03	4.00	<0.1	<0.01
WSR02	1/08/2024	Cloudy	Mid-Ebb	Moderate	В	9	11:08:00 AM	8.32	8.21	32.19	27.20	1.99	4.00	<0.1	<0.01
WSR02	1/08/2024	Cloudy	Mid-Ebb	Moderate	В	9	11:08:00 AM	8.37	8.21	32.12	27.24	1.98	4.00	<0.1	<0.01
WSR03	1/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	10:48:00 AM	8.55	8.16	31.56	27.39	1.56	3.00	<0.1	<0.01
WSR03	1/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	10:48:00 AM	8.52	8.13	31.56	27.40	1.51	4.00	<0.1	<0.01
WSR03	1/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	10:49:00 AM	8.59	8.14	31.55	27.43	1.52	3.00	<0.1	<0.01
WSR03	1/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	10:49:00 AM	8.60	8.18	31.56	27.37	1.52	4.00	<0.1	<0.01
WSR03	1/08/2024	Cloudy	Mid-Ebb	Moderate	В	7	10:50:00 AM	8.52	8.14	31.57	27.43	1.54	5.00	<0.1	<0.01
WSR03	1/08/2024	Cloudy	Mid-Ebb	Moderate	В	7	10:50:00 AM	8.62	8.16	31.55	27.40	1.52	6.00	<0.1	<0.01

Location	Date	Weather	Tide	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp ((°C)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L)	Total Residual Chlorine (mg/L)
WSR04	1/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	10:33:00 AM	8.73	8.23	32.38	27.39	1.77	7.00	<0.1	<0.01
WSR04	1/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	10:33:00 AM	8.78	8.27	32.40	27.42	1.77	5.00	<0.1	<0.01
WSR04	1/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	10:34:00 AM	8.85	8.23	32.37	27.40	1.77	5.00	<0.1	<0.01
WSR04	1/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	10:34:00 AM	8.85	8.25	32.34	27.37	1.78	4.00	<0.1	<0.01
WSR04	1/08/2024	Cloudy	Mid-Ebb	Moderate	В	6	10:35:00 AM	8.80	8.22	32.45	27.44	1.74	4.00	<0.1	<0.01
WSR04	1/08/2024	Cloudy	Mid-Ebb	Moderate	В	6	10:35:00 AM	8.89	8.26	32.37	27.44	1.75	5.00	<0.1	<0.01
WSR16	1/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	9:00:00 AM	9.21	8.17	32.19	27.43	1.90	5.00	<0.1	<0.01
WSR16	1/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	9:00:00 AM	9.07	8.20	32.19	27.47	1.86	4.00	<0.1	<0.01
WSR16	1/08/2024	Cloudy	Mid-Ebb	Moderate	М	9	9:01:00 AM	9.11	8.17	32.08	27.48	1.89	5.00	<0.1	<0.01
WSR16	1/08/2024	Cloudy	Mid-Ebb	Moderate	М	9	9:01:00 AM	9.02	8.20	32.07	27.46	1.86	4.00	<0.1	<0.01
WSR16	1/08/2024	Cloudy	Mid-Ebb	Moderate	В	16	9:02:00 AM	9.06	8.17	32.07	27.44	1.84	5.00	<0.1	<0.01
WSR16	1/08/2024	Cloudy	Mid-Ebb	Moderate	В	16	9:02:00 AM	9.20	8.20	32.16	27.43	1.88	5.00	<0.1	<0.01
WSR33	1/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	10:16:00 AM	9.51	8.24	31.48	27.28	1.43	6.00	<0.1	<0.01
WSR33	1/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	10:16:00 AM	9.53	8.21	31.49	27.29	1.46	4.00	<0.1	<0.01
WSR33	1/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	10:17:00 AM	9.45	8.22	31.44	27.28	1.42	5.00	<0.1	<0.01
WSR33	1/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	10:17:00 AM	9.39	8.24	31.45	27.35	1.42	4.00	<0.1	<0.01
WSR33	1/08/2024	Cloudy	Mid-Ebb	Moderate	В	7	10:18:00 AM	9.43	8.20	31.44	27.31	1.46	4.00	<0.1	<0.01
WSR33	1/08/2024	Cloudy	Mid-Ebb	Moderate	В	7	10:18:00 AM	9.44	8.19	31.46	27.28	1.40	4.00	<0.1	<0.01
WSR36	1/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	10:00:00 AM	8.70	8.22	32.52	27.32	2.09	6.00	<0.1	<0.01
WSR36	1/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	10:00:00 AM	8.80	8.21	32.53	27.31	2.07	3.00	<0.1	<0.01
WSR36	1/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	10:01:00 AM	8.72	8.19	32.60	27.27	2.12	5.00	<0.1	<0.01
WSR36	1/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	10:01:00 AM	8.76	8.23	32.54	27.28	2.11	3.00	<0.1	<0.01
WSR36	1/08/2024	Cloudy	Mid-Ebb	Moderate	В	6	10:01:00 AM	8.81	8.23	32.48	27.33	2.11	4.00	<0.1	<0.01
WSR36	1/08/2024	Cloudy	Mid-Ebb	Moderate	В	6	10:01:00 AM	8.79	8.20	32.55	27.29	2.06	4.00	<0.1	<0.01
WSR37	1/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	9:54:00 AM	8.29	8.19	32.31	27.37	1.87	4.00	<0.1	<0.01
WSR37	1/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	9:54:00 AM	8.40	8.19	32.37	27.37	1.84	3.00	<0.1	<0.01
WSR37	1/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	9:55:00 AM	8.35	8.23	32.28	27.41	1.87	6.00	<0.1	<0.01
WSR37	1/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	9:55:00 AM	8.30	8.23	32.32	27.43	1.88	4.00	<0.1	<0.01
WSR37	1/08/2024	Cloudy	Mid-Ebb	Moderate	В	8	9:56:00 AM	8.36	8.23	32.40	27.39	1.87	4.00	<0.1	<0.01
WSR37	1/08/2024	Cloudy	Mid-Ebb	Moderate	В	8	9:56:00 AM	8.37	8.22	32.40	27.39	1.82	5.00	<0.1	<0.01

NF1 NF1	1/08/2024 1/08/2024 1/08/2024	Cloudy	Mid-Ebb Mid-Ebb	Moderate	S	Depth (m)		DO (mg/L)	рН	Sal (ppt)	Temp ((°C)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L)	Total Residual Chlorine (mg/L)
	1/08/2024		Mid-Ebb				9:24:00 AM	9.32	8.10	32.18	27.59	1.46	2.50	<0.1	<0.01
NF1				Moderate	S	1	9:24:00 AM	9.23	8.10	32.26	27.57	1.45	2.50	<0.1	<0.01
	4 /00 /0004	Cloudy	Mid-Ebb	Moderate	М	7	9:25:00 AM	9.23	8.13	32.14	27.60	1.43	5.00	<0.1	<0.01
NF1	1/08/2024	Cloudy	Mid-Ebb	Moderate	М	7	9:25:00 AM	9.23	8.15	32.27	27.60	1.46	5.00	<0.1	<0.01
NF1	1/08/2024	Cloudy	Mid-Ebb	Moderate	В	12	9:26:00 AM	9.30	8.15	32.23	27.57	1.43	4.00	<0.1	<0.01
NF1	1/08/2024	Cloudy	Mid-Ebb	Moderate	В	12	9:26:00 AM	9.24	8.14	32.19	27.60	1.47	5.00	<0.1	<0.01
NF2	1/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	9:39:00 AM	8.91	8.19	32.19	27.65	1.79	3.00	<0.1	<0.01
NF2	1/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	9:39:00 AM	8.77	8.20	32.08	27.65	1.79	6.00	<0.1	<0.01
NF2	1/08/2024	Cloudy	Mid-Ebb	Moderate	М	5	9:40:00 AM	8.94	8.21	32.05	27.62	1.74	6.00	<0.1	<0.01
NF2	1/08/2024	Cloudy	Mid-Ebb	Moderate	М	5	9:40:00 AM	8.86	8.19	32.10	27.67	1.79	5.00	<0.1	<0.01
NF2	1/08/2024	Cloudy	Mid-Ebb	Moderate	В	9	9:41:00 AM	8.95	8.23	32.08	27.68	1.78	5.00	<0.1	<0.01
NF2	1/08/2024	Cloudy	Mid-Ebb	Moderate	В	9	9:41:00 AM	8.88	8.23	32.14	27.68	1.78	4.00	<0.1	<0.01
NF3	1/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	9:47:00 AM	8.82	8.12	31.84	27.35	1.92	4.00	<0.1	<0.01
NF3	1/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	9:47:00 AM	8.76	8.17	31.97	27.39	1.89	5.00	<0.1	<0.01
NF3	1/08/2024	Cloudy	Mid-Ebb	Moderate	М	6	9:48:00 AM	8.79	8.14	31.83	27.40	1.82	4.00	<0.1	<0.01
NF3	1/08/2024	Cloudy	Mid-Ebb	Moderate	М	6	9:48:00 AM	8.82	8.14	31.85	27.34	1.81	5.00	<0.1	<0.01
NF3	1/08/2024	Cloudy	Mid-Ebb	Moderate	В	11	9:49:00 AM	8.69	8.17	31.94	27.37	1.79	6.00	<0.1	<0.01
NF3	1/08/2024	Cloudy	Mid-Ebb	Moderate	В	11	9:49:00 AM	8.68	8.16	31.83	27.31	1.83	10.00	<0.1	<0.01
CE	3/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	9:58:00 AM	8.37	8.27	31.51	27.42	2.66	2.50	<0.1	<0.01
CE	3/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	9:58:00 AM	8.39	8.26	31.59	27.40	2.55	3.00	<0.1	<0.01
CE	3/08/2024	Cloudy	Mid-Ebb	Moderate	М	10	9:59:00 AM	8.29	8.27	31.43	27.40	2.59	2.50	<0.1	<0.01
CE	3/08/2024	Cloudy	Mid-Ebb	Moderate	М	10	9:59:00 AM	8.35	8.23	31.58	27.41	2.42	2.50	<0.1	<0.01
CE	3/08/2024	Cloudy	Mid-Ebb	Moderate	В	20	10:00:00 AM	8.20	8.27	31.52	27.43	2.52	2.50	<0.1	<0.01
CE	3/08/2024	Cloudy	Mid-Ebb	Moderate	В	20	10:00:00 AM	8.18	8.27	31.46	27.41	2.54	2.50	<0.1	<0.01
CF	3/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	1:08:00 PM	8.93	8.06	31.98	26.95	2.38	2.50	<0.1	<0.01
CF	3/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	1:08:00 PM	8.96	8.03	31.86	26.94	2.39	2.50	<0.1	<0.01
CF	3/08/2024	Cloudy	Mid-Ebb	Moderate	М	10	1:09:00 PM	8.97	8.04	31.97	26.96	2.31	2.50	<0.1	<0.01
CF	3/08/2024	Cloudy	Mid-Ebb	Moderate	М	10	1:09:00 PM	8.94	8.05	31.96	26.94	2.30	3.00	<0.1	<0.01
CF	3/08/2024	Cloudy	Mid-Ebb	Moderate	В	20	1:10:00 PM	9.00	8.04	32.00	26.97	2.25	3.00	<0.1	<0.01
CF	3/08/2024	Cloudy	Mid-Ebb	Moderate	В	20	1:10:00 PM	9.06	8.04	31.99	26.97	2.21	3.00	<0.1	<0.01

Location WSR01	Date	Weather	Tide	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp ((°C)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L)	Total Residual Chlorine (mg/L)
7751101	3/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	12:44:00 PM	8.59	8.09	31.80	27.20	1.45	4.00	<0.1	<0.01
WSR01	3/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	12:44:00 PM	8.58	8.09	31.71	27.20	1.43	3.00	<0.1	<0.01
WSR01	3/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	12:45:00 PM	8.51	8.10	31.80	27.20	1.36	4.00	<0.1	<0.01
WSR01	3/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	12:45:00 PM	8.37	8.09	31.64	27.20	1.45	2.50	<0.1	<0.01
WSR01	3/08/2024	Cloudy	Mid-Ebb	Moderate	В	8	12:46:00 PM	8.61	8.10	31.64	27.16	1.40	2.50	<0.1	<0.01
WSR01	3/08/2024	Cloudy	Mid-Ebb	Moderate	В	8	12:46:00 PM	8.50	8.11	31.72	27.17	1.41	2.50	<0.1	<0.01
WSR02	3/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	12:23:00 PM	8.62	8.20	31.69	27.33	1.57	3.00	<0.1	<0.01
WSR02	3/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	12:23:00 PM	8.63	8.16	31.58	27.34	1.59	3.00	<0.1	<0.01
WSR02	3/08/2024	Cloudy	Mid-Ebb	Moderate	М	5	12:24:00 PM	8.70	8.21	31.69	27.34	1.62	3.00	<0.1	<0.01
WSR02	3/08/2024	Cloudy	Mid-Ebb	Moderate	М	5	12:24:00 PM	8.58	8.18	31.58	27.33	1.58	3.00	<0.1	<0.01
WSR02	3/08/2024	Cloudy	Mid-Ebb	Moderate	В	8	12:25:00 PM	8.72	8.16	31.80	27.37	1.63	3.00	<0.1	<0.01
WSR02	3/08/2024	Cloudy	Mid-Ebb	Moderate	В	8	12:25:00 PM	8.64	8.19	31.59	27.33	1.62	2.50	<0.1	<0.01
WSR03	3/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	12:07:00 PM	8.95	8.14	32.23	27.34	2.06	3.00	<0.1	<0.01
WSR03	3/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	12:07:00 PM	8.91	8.17	32.38	27.35	2.12	3.00	<0.1	<0.01
WSR03	3/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	12:08:00 PM	9.02	8.17	32.33	27.34	2.08	2.50	<0.1	<0.01
WSR03	3/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	12:08:00 PM	8.96	8.17	32.22	27.35	2.04	3.00	<0.1	<0.01
WSR03	3/08/2024	Cloudy	Mid-Ebb	Moderate	В	7	12:09:00 PM	9.02	8.13	32.38	27.33	2.03	2.50	<0.1	<0.01
WSR03	3/08/2024	Cloudy	Mid-Ebb	Moderate	В	7	12:09:00 PM	9.03	8.16	32.45	27.32	2.02	3.00	<0.1	<0.01
WSR04	3/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	11:52:00 AM	8.32	8.13	31.33	27.37	1.70	3.00	<0.1	<0.01
WSR04	3/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	11:52:00 AM	8.41	8.12	31.37	27.39	1.71	4.00	<0.1	<0.01
WSR04	3/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	11:53:00 AM	8.41	8.15	31.37	27.38	1.66	3.00	<0.1	<0.01
WSR04	3/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	11:53:00 AM	8.35	8.13	31.22	27.40	1.62	3.00	<0.1	<0.01
WSR04	3/08/2024	Cloudy	Mid-Ebb	Moderate	В	6	11:54:00 AM	8.41	8.11	31.30	27.38	1.66	3.00	<0.1	<0.01
WSR04	3/08/2024	Cloudy	Mid-Ebb	Moderate	В	6	11:54:00 AM	8.26	8.10	31.35	27.39	1.63	2.50	<0.1	<0.01
WSR16	3/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	10:20:00 AM	7.93	8.13	32.36	27.44	1.74	3.00	<0.1	<0.01
WSR16	3/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	10:20:00 AM	8.03	8.14	32.55	27.45	1.76	2.50	<0.1	<0.01
WSR16	3/08/2024	Cloudy	Mid-Ebb	Moderate	М	8	10:21:00 AM	8.04	8.12	32.50	27.45	1.72	3.00	<0.1	<0.01
WSR16	3/08/2024	Cloudy	Mid-Ebb	Moderate	М	8	10:21:00 AM	8.12	8.13	32.44	27.48	1.73	2.50	<0.1	<0.01
WSR16	3/08/2024	Cloudy	Mid-Ebb	Moderate	В	15	10:22:00 AM	8.10	8.12	32.48	27.48	1.77	2.50	<0.1	<0.01
WSR16	3/08/2024	Cloudy	Mid-Ebb	Moderate	В	15	10:22:00 AM	8.12	8.12	32.49	27.45	1.79	2.50	<0.1	<0.01

Location WSR33 WSR33 WSR33	3/08/2024 3/08/2024 3/08/2024	Cloudy	Mid-Ebb Mid-Ebb	Moderate	S	Depth (m)		DO (mg/L)	рН	Sal (ppt)	Temp ((°C)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L)	Total Residual Chlorine (mg/L)
WSR33	3/08/2024		Mid-Fhh			1	11:37:00 AM	8.57	8.29	31.75	27.07	1.98	2.50	<0.1	<0.01
			Ma Lbb	Moderate	S	1	11:37:00 AM	8.47	8.31	31.69	27.06	2.00	2.50	<0.1	<0.01
WSR33		Cloudy	Mid-Ebb	Moderate	М	4	11:38:00 AM	8.35	8.31	31.65	27.05	2.03	3.00	<0.1	<0.01
	3/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	11:38:00 AM	8.40	8.29	31.78	27.08	2.04	3.00	<0.1	<0.01
WSR33	3/08/2024	Cloudy	Mid-Ebb	Moderate	В	6	11:39:00 AM	8.38	8.29	31.65	27.05	2.02	3.00	<0.1	<0.01
WSR33	3/08/2024	Cloudy	Mid-Ebb	Moderate	В	6	11:39:00 AM	8.36	8.31	31.62	27.06	1.99	3.00	<0.1	<0.01
WSR36	3/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	11:21:00 AM	9.04	8.12	31.45	27.08	1.56	4.00	<0.1	<0.01
WSR36	3/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	11:21:00 AM	9.13	8.11	31.43	27.10	1.57	4.00	<0.1	<0.01
WSR36	3/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	11:22:00 AM	8.87	8.14	31.37	27.10	1.53	2.50	<0.1	<0.01
WSR36	3/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	11:22:00 AM	9.05	8.12	31.36	27.11	1.49	3.00	<0.1	<0.01
WSR36	3/08/2024	Cloudy	Mid-Ebb	Moderate	В	6	11:22:00 AM	9.05	8.09	31.37	27.08	1.57	3.00	<0.1	<0.01
WSR36	3/08/2024	Cloudy	Mid-Ebb	Moderate	В	6	11:22:00 AM	9.07	8.10	31.48	27.10	1.57	2.50	<0.1	<0.01
WSR37	3/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	11:15:00 AM	8.47	8.16	32.05	27.40	1.51	3.00	<0.1	<0.01
WSR37	3/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	11:15:00 AM	8.51	8.12	32.13	27.42	1.49	2.50	<0.1	<0.01
WSR37	3/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	11:16:00 AM	8.48	8.16	32.04	27.43	1.50	2.50	<0.1	<0.01
WSR37	3/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	11:16:00 AM	8.55	8.14	32.07	27.44	1.49	3.00	<0.1	<0.01
WSR37	3/08/2024	Cloudy	Mid-Ebb	Moderate	В	8	11:17:00 AM	8.59	8.17	32.22	27.43	1.51	3.00	<0.1	<0.01
WSR37	3/08/2024	Cloudy	Mid-Ebb	Moderate	В	8	11:17:00 AM	8.37	8.12	32.05	27.41	1.46	2.50	<0.1	<0.01
NF1	3/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	10:43:00 AM	7.87	8.22	31.19	27.22	1.56	2.50	<0.1	<0.01
NF1	3/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	10:43:00 AM	7.89	8.22	31.25	27.22	1.51	3.00	<0.1	<0.01
NF1	3/08/2024	Cloudy	Mid-Ebb	Moderate	М	7	10:44:00 AM	8.05	8.20	31.21	27.19	1.52	3.00	<0.1	<0.01
NF1	3/08/2024	Cloudy	Mid-Ebb	Moderate	М	7	10:44:00 AM	8.01	8.19	31.22	27.20	1.57	3.00	<0.1	<0.01
NF1	3/08/2024	Cloudy	Mid-Ebb	Moderate	В	13	10:45:00 AM	7.88	8.20	31.29	27.19	1.52	3.00	<0.1	<0.01
NF1	3/08/2024	Cloudy	Mid-Ebb	Moderate	В	13	10:45:00 AM	8.01	8.22	31.15	27.22	1.58	2.50	<0.1	<0.01
NF2	3/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	11:00:00 AM	7.89	8.08	32.38	27.18	1.64	3.00	<0.1	<0.01
NF2	3/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	11:00:00 AM	7.96	8.05	32.25	27.16	1.65	3.00	<0.1	<0.01
NF2	3/08/2024	Cloudy	Mid-Ebb	Moderate	М	5	11:01:00 AM	7.96	8.06	32.22	27.17	1.57	3.00	<0.1	<0.01
NF2	3/08/2024	Cloudy	Mid-Ebb	Moderate	М	5	11:01:00 AM	7.74	8.10	32.14	27.18	1.57	2.50	<0.1	<0.01
NF2	3/08/2024	Cloudy	Mid-Ebb	Moderate	В	9	11:02:00 AM	7.92	8.08	32.14	27.17	1.60	2.50	<0.1	<0.01
NF2	3/08/2024	Cloudy	Mid-Ebb	Moderate	В	9	11:02:00 AM	7.74	8.08	32.35	27.19	1.58	3.00	<0.1	<0.01

Location	Date	Weather	Tide	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp ((°C)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L)	Total Residual Chlorine (mg/L)
NF3	3/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	11:10:00 AM	8.82	8.08	32.07	27.14	1.75	3.00	<0.1	<0.01
NF3	3/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	11:10:00 AM	8.72	8.07	32.08	27.14	1.78	2.50	<0.1	<0.01
NF3	3/08/2024	Cloudy	Mid-Ebb	Moderate	М	6	11:11:00 AM	8.75	8.08	31.96	27.14	1.68	2.50	<0.1	<0.01
NF3	3/08/2024	Cloudy	Mid-Ebb	Moderate	М	6	11:11:00 AM	8.81	8.08	32.10	27.14	1.69	3.00	<0.1	<0.01
NF3	3/08/2024	Cloudy	Mid-Ebb	Moderate	В	11	11:12:00 AM	8.71	8.09	31.98	27.18	1.63	3.00	<0.1	<0.01
NF3	3/08/2024	Cloudy	Mid-Ebb	Moderate	В	11	11:12:00 AM	8.82	8.05	31.91	27.16	1.62	2.50	<0.1	<0.01
CE	5/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	11:16:00 AM	8.34	8.19	33.00	27.24	2.46	2.50	<0.1	<0.01
CE	5/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	11:16:00 AM	8.28	8.21	32.92	27.25	2.51	3.00	<0.1	<0.01
CE	5/08/2024	Cloudy	Mid-Ebb	Moderate	М	12	11:17:00 AM	8.35	8.20	32.92	27.28	2.58	2.50	<0.1	<0.01
CE	5/08/2024	Cloudy	Mid-Ebb	Moderate	М	12	11:17:00 AM	8.27	8.21	32.92	27.25	2.54	3.00	<0.1	<0.01
CE	5/08/2024	Cloudy	Mid-Ebb	Moderate	В	23	11:18:00 AM	8.37	8.19	32.92	27.25	2.50	2.50	<0.1	<0.01
CE	5/08/2024	Cloudy	Mid-Ebb	Moderate	В	23	11:18:00 AM	8.31	8.22	32.93	27.24	2.58	3.00	<0.1	<0.01
CF	5/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	2:18:00 PM	9.22	8.24	31.87	27.49	2.09	4.00	<0.1	<0.01
CF	5/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	2:18:00 PM	9.28	8.26	31.86	27.46	2.07	3.00	<0.1	<0.01
CF	5/08/2024	Cloudy	Mid-Ebb	Moderate	М	10	2:19:00 PM	9.14	8.23	31.84	27.48	2.05	3.00	<0.1	<0.01
CF	5/08/2024	Cloudy	Mid-Ebb	Moderate	М	10	2:19:00 PM	9.29	8.26	31.86	27.49	2.04	3.00	<0.1	<0.01
CF	5/08/2024	Cloudy	Mid-Ebb	Moderate	В	19	2:20:00 PM	9.26	8.26	31.85	27.45	2.07	3.00	<0.1	<0.01
CF	5/08/2024	Cloudy	Mid-Ebb	Moderate	В	19	2:20:00 PM	9.29	8.25	31.87	27.45	2.05	2.50	<0.1	<0.01
WSR01	5/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	1:55:00 PM	8.85	8.33	32.16	27.49	1.79	4.00	<0.1	<0.01
WSR01	5/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	1:55:00 PM	8.86	8.34	32.23	27.52	1.81	4.00	<0.1	<0.01
WSR01	5/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	1:56:00 PM	8.85	8.35	32.24	27.51	1.81	4.00	<0.1	<0.01
WSR01	5/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	1:56:00 PM	8.77	8.36	32.24	27.49	1.83	3.00	<0.1	<0.01
WSR01	5/08/2024	Cloudy	Mid-Ebb	Moderate	В	7	1:57:00 PM	8.77	8.35	32.18	27.52	1.79	3.00	<0.1	<0.01
WSR01	5/08/2024	Cloudy	Mid-Ebb	Moderate	В	7	1:57:00 PM	8.83	8.34	32.23	27.53	1.79	3.00	<0.1	<0.01
WSR02	5/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	1:37:00 PM	8.74	8.23	32.70	27.61	2.07	4.00	<0.1	<0.01
WSR02	5/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	1:37:00 PM	8.75	8.25	32.62	27.59	2.01	2.50	<0.1	<0.01
WSR02	5/08/2024	Cloudy	Mid-Ebb	Moderate	М	5	1:38:00 PM	8.68	8.25	32.63	27.60	2.08	2.50	<0.1	<0.01
WSR02	5/08/2024	Cloudy	Mid-Ebb	Moderate	М	5	1:38:00 PM	8.75	8.24	32.65	27.59	2.07	4.00	<0.1	<0.01
WSR02	5/08/2024	Cloudy	Mid-Ebb	Moderate	В	8	1:39:00 PM	8.80	8.23	32.66	27.62	2.00	7.00	<0.1	<0.01
WSR02	5/08/2024	Cloudy	Mid-Ebb	Moderate	В	8	1:39:00 PM	8.73	8.24	32.60	27.61	2.02	7.00	<0.1	<0.01

WSR03 WSR03	5/08/2024 5/08/2024	Cloudy	Mid-Ebb			Depth (m)		DO (mg/L)	рН	Sal (ppt)	Temp ((°C)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L)	Total Residual Chlorine (mg/L)
WSR03	5 /09 /2024		Tita 200	Moderate	S	1	1:19:00 PM	8.15	8.33	32.49	27.34	1.63	4.00	<0.1	<0.01
	3/00/2024	Cloudy	Mid-Ebb	Moderate	S	1	1:19:00 PM	8.16	8.33	32.49	27.34	1.64	5.00	<0.1	<0.01
WSR03	5/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	1:20:00 PM	8.02	8.34	32.49	27.35	1.69	7.00	<0.1	<0.01
WSR03	5/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	1:20:00 PM	8.02	8.35	32.47	27.38	1.67	7.00	<0.1	<0.01
WSR03	5/08/2024	Cloudy	Mid-Ebb	Moderate	В	7	1:21:00 PM	8.16	8.34	32.50	27.36	1.68	9.00	<0.1	<0.01
WSR03	5/08/2024	Cloudy	Mid-Ebb	Moderate	В	7	1:21:00 PM	8.04	8.33	32.51	27.38	1.67	9.00	<0.1	<0.01
WSR04	5/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	1:06:00 PM	9.42	8.38	31.54	27.36	1.48	3.00	<0.1	<0.01
WSR04	5/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	1:06:00 PM	9.40	8.39	31.46	27.37	1.55	3.00	<0.1	<0.01
WSR04	5/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	1:07:00 PM	9.39	8.41	31.51	27.35	1.48	3.00	<0.1	<0.01
WSR04	5/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	1:07:00 PM	9.40	8.41	31.43	27.35	1.49	4.00	<0.1	<0.01
WSR04	5/08/2024	Cloudy	Mid-Ebb	Moderate	В	6	1:08:00 PM	9.46	8.38	31.47	27.35	1.44	3.00	<0.1	<0.01
WSR04	5/08/2024	Cloudy	Mid-Ebb	Moderate	В	6	1:08:00 PM	9.50	8.38	31.55	27.34	1.45	6.00	<0.1	<0.01
WSR16	5/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	11:38:00 AM	9.37	8.35	31.39	27.78	1.56	3.00	<0.1	<0.01
WSR16	5/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	11:38:00 AM	9.35	8.34	31.38	27.82	1.59	3.00	<0.1	<0.01
WSR16	5/08/2024	Cloudy	Mid-Ebb	Moderate	М	9	11:39:00 AM	9.36	8.33	31.40	27.78	1.53	3.00	<0.1	<0.01
WSR16	5/08/2024	Cloudy	Mid-Ebb	Moderate	М	9	11:39:00 AM	9.35	8.32	31.36	27.79	1.56	3.00	<0.1	<0.01
WSR16	5/08/2024	Cloudy	Mid-Ebb	Moderate	В	16	11:40:00 AM	9.26	8.34	31.45	27.82	1.53	4.00	<0.1	<0.01
WSR16	5/08/2024	Cloudy	Mid-Ebb	Moderate	В	16	11:40:00 AM	9.40	8.33	31.44	27.80	1.60	2.50	<0.1	<0.01
WSR33	5/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	12:49:00 PM	8.24	8.39	32.92	27.60	1.99	5.00	<0.1	<0.01
WSR33	5/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	12:49:00 PM	8.26	8.41	33.03	27.57	1.97	7.00	<0.1	<0.01
WSR33	5/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	12:50:00 PM	8.27	8.41	32.93	27.58	1.85	4.00	<0.1	<0.01
WSR33	5/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	12:50:00 PM	8.23	8.38	33.00	27.60	1.92	3.00	<0.1	<0.01
WSR33	5/08/2024	Cloudy	Mid-Ebb	Moderate	В	7	12:51:00 PM	8.25	8.39	33.05	27.59	1.81	2.50	<0.1	<0.01
WSR33	5/08/2024	Cloudy	Mid-Ebb	Moderate	В	7	12:51:00 PM	8.26	8.39	32.92	27.60	1.83	3.00	<0.1	<0.01
WSR36	5/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	12:36:00 PM	9.16	8.15	31.66	27.68	1.93	2.50	<0.1	<0.01
WSR36	5/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	12:36:00 PM	9.03	8.15	31.78	27.67	1.85	2.50	<0.1	<0.01
WSR36	5/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	12:37:00 PM	9.18	8.17	31.76	27.65	1.86	3.00	<0.1	<0.01
WSR36	5/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	12:37:00 PM	9.12	8.16	31.75	27.65	1.89	3.00	<0.1	<0.01
WSR36	5/08/2024	Cloudy	Mid-Ebb	Moderate	В	7	12:37:00 PM	9.12	8.18	31.71	27.68	1.92	2.50	<0.1	<0.01
WSR36	5/08/2024	Cloudy	Mid-Ebb	Moderate	В	7	12:37:00 PM	9.13	8.16	31.72	27.66	1.94	2.50	<0.1	<0.01

Location	Date	Weather	Tide	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp ((°C)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L)	Total Residual Chlorine (mg/L)
WSR37	5/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	12:30:00 PM	8.15	8.20	32.66	27.27	1.40	3.00	<0.1	<0.01
WSR37	5/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	12:30:00 PM	8.29	8.18	32.63	27.28	1.35	4.00	<0.1	<0.01
WSR37	5/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	12:31:00 PM	8.18	8.20	32.60	27.27	1.39	4.00	<0.1	<0.01
WSR37	5/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	12:31:00 PM	8.14	8.18	32.60	27.28	1.39	3.00	<0.1	<0.01
WSR37	5/08/2024	Cloudy	Mid-Ebb	Moderate	В	7	12:32:00 PM	8.25	8.21	32.62	27.29	1.40	4.00	<0.1	<0.01
WSR37	5/08/2024	Cloudy	Mid-Ebb	Moderate	В	7	12:32:00 PM	8.18	8.20	32.66	27.29	1.36	3.00	<0.1	<0.01
NF1	5/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	12:00:00 PM	8.58	8.21	32.10	27.42	1.44	2.50	<0.1	<0.01
NF1	5/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	12:00:00 PM	8.45	8.23	32.14	27.41	1.42	3.00	<0.1	<0.01
NF1	5/08/2024	Cloudy	Mid-Ebb	Moderate	М	7	12:01:00 PM	8.50	8.22	32.16	27.40	1.44	2.50	<0.1	<0.01
NF1	5/08/2024	Cloudy	Mid-Ebb	Moderate	М	7	12:01:00 PM	8.53	8.21	32.15	27.43	1.45	4.00	<0.1	<0.01
NF1	5/08/2024	Cloudy	Mid-Ebb	Moderate	В	12	12:02:00 PM	8.42	8.21	32.14	27.43	1.47	6.00	<0.1	<0.01
NF1	5/08/2024	Cloudy	Mid-Ebb	Moderate	В	12	12:02:00 PM	8.55	8.24	32.09	27.43	1.49	3.00	<0.1	<0.01
NF2	5/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	12:15:00 PM	8.93	8.24	31.66	27.63	1.70	5.00	<0.1	<0.01
NF2	5/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	12:15:00 PM	9.01	8.23	31.69	27.64	1.72	8.00	<0.1	<0.01
NF2	5/08/2024	Cloudy	Mid-Ebb	Moderate	М	5	12:16:00 PM	8.97	8.23	31.66	27.62	1.73	4.00	<0.1	<0.01
NF2	5/08/2024	Cloudy	Mid-Ebb	Moderate	М	5	12:16:00 PM	8.96	8.22	31.76	27.63	1.69	4.00	<0.1	<0.01
NF2	5/08/2024	Cloudy	Mid-Ebb	Moderate	В	10	12:17:00 PM	9.04	8.21	31.65	27.63	1.71	5.00	<0.1	<0.01
NF2	5/08/2024	Cloudy	Mid-Ebb	Moderate	В	10	12:17:00 PM	8.90	8.21	31.73	27.62	1.73	4.00	<0.1	<0.01
NF3	5/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	12:23:00 PM	8.80	8.21	32.28	27.44	1.60	3.00	<0.1	<0.01
NF3	5/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	12:23:00 PM	8.74	8.21	32.34	27.47	1.54	2.50	<0.1	<0.01
NF3	5/08/2024	Cloudy	Mid-Ebb	Moderate	М	6	12:24:00 PM	8.68	8.20	32.21	27.45	1.62	3.00	<0.1	<0.01
NF3	5/08/2024	Cloudy	Mid-Ebb	Moderate	М	6	12:24:00 PM	8.80	8.21	32.35	27.48	1.56	4.00	<0.1	<0.01
NF3	5/08/2024	Cloudy	Mid-Ebb	Moderate	В	11	12:25:00 PM	8.77	8.20	32.30	27.48	1.55	6.00	<0.1	<0.01
NF3	5/08/2024	Cloudy	Mid-Ebb	Moderate	В	11	12:25:00 PM	8.71	8.19	32.30	27.45	1.57	3.00	<0.1	<0.01
CE	7/08/2024	Sunny	Mid-Flood	Moderate	S	1	11:00:00 AM	8.43	8.27	31.59	28.31	2.12	2.50	<0.1	<0.01
CE	7/08/2024	Sunny	Mid-Flood	Moderate	S	1	11:00:00 AM	8.38	8.25	31.62	28.32	2.10	4.00	<0.1	<0.01
CE	7/08/2024	Sunny	Mid-Flood	Moderate	М	11	11:01:00 AM	8.36	8.24	31.60	28.29	2.11	6.00	<0.1	<0.01
CE	7/08/2024	Sunny	Mid-Flood	Moderate	М	11	11:01:00 AM	8.43	8.26	31.67	28.29	2.11	3.00	<0.1	<0.01
CE	7/08/2024	Sunny	Mid-Flood	Moderate	В	20	11:02:00 AM	8.45	8.27	31.58	28.26	2.13	2.50	<0.1	<0.01
CE	7/08/2024	Sunny	Mid-Flood	Moderate	В	20	11:02:00 AM	8.47	8.24	31.65	28.30	2.14	3.00	<0.1	<0.01

CF	7 /00 /2024					Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp ((°C)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L)	Total Residual Chlorine (mg/L)
	7/08/2024	Sunny	Mid-Flood	Moderate	S	1	8:00:00 AM	9.19	8.36	31.91	28.29	2.42	4.00	<0.1	<0.01
CF	7/08/2024	Sunny	Mid-Flood	Moderate	S	1	8:00:00 AM	9.20	8.34	31.96	28.32	2.36	6.00	<0.1	<0.01
CF	7/08/2024	Sunny	Mid-Flood	Moderate	М	10	8:01:00 AM	9.23	8.33	32.01	28.31	2.35	4.00	<0.1	<0.01
CF	7/08/2024	Sunny	Mid-Flood	Moderate	М	10	8:01:00 AM	9.17	8.33	31.92	28.25	2.34	3.00	<0.1	<0.01
CF	7/08/2024	Sunny	Mid-Flood	Moderate	В	19	8:02:00 AM	9.17	8.34	31.91	28.31	2.39	4.00	<0.1	<0.01
CF	7/08/2024	Sunny	Mid-Flood	Moderate	В	19	8:02:00 AM	9.18	8.36	31.94	28.29	2.42	6.00	<0.1	<0.01
WSR01	7/08/2024	Sunny	Mid-Flood	Moderate	S	1	8:23:00 AM	9.30	8.29	31.95	28.20	1.92	3.00	<0.1	<0.01
WSR01	7/08/2024	Sunny	Mid-Flood	Moderate	S	1	8:23:00 AM	9.26	8.29	31.92	28.23	1.91	3.00	<0.1	<0.01
WSR01	7/08/2024	Sunny	Mid-Flood	Moderate	М	4	8:24:00 AM	9.30	8.28	31.97	28.21	1.91	2.50	<0.1	<0.01
WSR01	7/08/2024	Sunny	Mid-Flood	Moderate	М	4	8:24:00 AM	9.28	8.29	31.96	28.26	1.88	3.00	<0.1	<0.01
WSR01	7/08/2024	Sunny	Mid-Flood	Moderate	В	8	8:25:00 AM	9.26	8.29	31.93	28.19	1.91	3.00	<0.1	<0.01
WSR01	7/08/2024	Sunny	Mid-Flood	Moderate	В	8	8:25:00 AM	9.26	8.28	31.94	28.20	1.90	2.50	<0.1	<0.01
WSR02	7/08/2024	Sunny	Mid-Flood	Moderate	S	1	8:41:00 AM	8.93	8.32	32.44	28.06	1.73	3.00	<0.1	<0.01
WSR02	7/08/2024	Sunny	Mid-Flood	Moderate	S	1	8:41:00 AM	8.94	8.33	32.45	28.13	1.73	4.00	<0.1	<0.01
WSR02	7/08/2024	Sunny	Mid-Flood	Moderate	М	5	8:42:00 AM	8.94	8.34	32.40	28.10	1.70	3.00	<0.1	<0.01
WSR02	7/08/2024	Sunny	Mid-Flood	Moderate	М	5	8:42:00 AM	8.96	8.32	32.45	28.08	1.72	2.50	<0.1	<0.01
WSR02	7/08/2024	Sunny	Mid-Flood	Moderate	В	8	8:43:00 AM	8.87	8.31	32.42	28.04	1.72	5.00	<0.1	<0.01
WSR02	7/08/2024	Sunny	Mid-Flood	Moderate	В	8	8:43:00 AM	8.93	8.31	32.43	28.07	1.71	8.00	<0.1	<0.01
WSR03	7/08/2024	Sunny	Mid-Flood	Moderate	S	1	8:57:00 AM	8.42	8.25	31.93	28.07	2.02	6.00	<0.1	<0.01
WSR03	7/08/2024	Sunny	Mid-Flood	Moderate	S	1	8:57:00 AM	8.34	8.28	31.90	28.08	2.06	3.00	<0.1	<0.01
WSR03	7/08/2024	Sunny	Mid-Flood	Moderate	М	4	8:58:00 AM	8.41	8.25	31.96	28.06	2.03	4.00	<0.1	<0.01
WSR03	7/08/2024	Sunny	Mid-Flood	Moderate	М	4	8:58:00 AM	8.36	8.25	31.98	28.09	2.02	3.00	<0.1	<0.01
WSR03	7/08/2024	Sunny	Mid-Flood	Moderate	В	7	8:59:00 AM	8.36	8.28	31.98	28.10	2.05	3.00	<0.1	<0.01
WSR03	7/08/2024	Sunny	Mid-Flood	Moderate	В	7	8:59:00 AM	8.41	8.26	31.93	28.07	2.03	4.00	<0.1	<0.01
WSR04	7/08/2024	Sunny	Mid-Flood	Moderate	S	1	9:11:00 AM	9.08	8.26	31.79	28.08	1.47	6.00	<0.1	<0.01
WSR04	7/08/2024	Sunny	Mid-Flood	Moderate	S	1	9:11:00 AM	9.07	8.25	31.72	28.08	1.44	3.00	<0.1	<0.01
WSR04	7/08/2024	Sunny	Mid-Flood	Moderate	М	4	9:12:00 AM	9.01	8.24	31.77	28.17	1.48	3.00	<0.1	<0.01
WSR04	7/08/2024	Sunny	Mid-Flood	Moderate	М	4	9:12:00 AM	9.05	8.23	31.75	28.08	1.48	3.00	<0.1	<0.01
WSR04	7/08/2024	Sunny	Mid-Flood	Moderate	В	6	9:13:00 AM	9.11	8.25	31.70	28.08	1.45	5.00	<0.1	<0.01
WSR04	7/08/2024	Sunny	Mid-Flood	Moderate	В	6	9:13:00 AM	9.02	8.25	31.78	28.14	1.37	7.00	<0.1	<0.01

WSR16  WSR16  WSR16  WSR16  WSR33  WSR33  WSR33	7/08/2024  7/08/2024  7/08/2024  7/08/2024  7/08/2024  7/08/2024  7/08/2024  7/08/2024  7/08/2024  7/08/2024  7/08/2024  7/08/2024	Sunny	Mid-Flood  Mid-Flood	Moderate  Moderate	S S S M M B B S S S M M M	Depth (m)  1  1  8  8  14  14  1  1  1  4	10:39:00 AM  10:39:00 AM  10:40:00 AM  10:40:00 AM  10:41:00 AM  10:41:00 AM  9:26:00 AM  9:26:00 AM	B.57  8.60  8.55  8.59  8.66  8.57  8.29  8.27	PH 8.24 8.25 8.23 8.25 8.22 8.22 8.23 8.29 8.20	Sal (ppt)  32.07  32.03  32.07  32.07  32.07  32.02  32.72  32.79	Temp ((°C) 27.97  27.98  27.94  27.93  27.96  27.99  28.40  28.39	Turbidty (NTU)  1.54  1.51  1.53  1.52  1.54  1.74  1.74	SS (mg/L) 2.50 4.00 3.00 3.00 4.00 3.00 6.00	Iron (mg/L)	Total Residual Chlorine (mg/L)  <0.01  <0.01  <0.01  <0.01  <0.01  <0.01  <0.01  <0.01
WSR16 WSR16 WSR16 WSR16 WSR33 WSR33	7/08/2024  7/08/2024  7/08/2024  7/08/2024  7/08/2024  7/08/2024  7/08/2024  7/08/2024  7/08/2024  7/08/2024	Sunny Sunny Sunny Sunny Sunny Sunny Sunny Sunny Sunny	Mid-Flood  Mid-Flood  Mid-Flood  Mid-Flood  Mid-Flood  Mid-Flood  Mid-Flood  Mid-Flood  Mid-Flood	Moderate  Moderate  Moderate  Moderate  Moderate  Moderate  Moderate  Moderate  Moderate	M M B S S M	8 14 14 1 1 1 4	10:40:00 AM 10:40:00 AM 10:41:00 AM 10:41:00 AM 9:26:00 AM	8.55 8.59 8.66 8.57 8.29	8.23 8.25 8.22 8.23 8.19 8.22	32.03 32.07 32.07 32.02 32.72	27.94 27.93 27.96 27.99 28.40	1.53 1.52 1.54 1.52 1.74	3.00 3.00 3.00 4.00 3.00	<0.1 <0.1 <0.1 <0.1 <0.1	<0.01 <0.01 <0.01 <0.01 <0.01
WSR16 WSR16 WSR16 WSR33 WSR33	7/08/2024  7/08/2024  7/08/2024  7/08/2024  7/08/2024  7/08/2024  7/08/2024  7/08/2024  7/08/2024	Sunny Sunny Sunny Sunny Sunny Sunny Sunny Sunny	Mid-Flood  Mid-Flood  Mid-Flood  Mid-Flood  Mid-Flood  Mid-Flood  Mid-Flood  Mid-Flood	Moderate  Moderate  Moderate  Moderate  Moderate  Moderate  Moderate  Moderate	M B B S S M	8 14 14 1 1 1 4	10:40:00 AM 10:41:00 AM 10:41:00 AM 9:26:00 AM	8.59 8.66 8.57 8.29 8.27	8.25 8.22 8.23 8.19 8.22	32.07 32.07 32.02 32.72	27.93 27.96 27.99 28.40	1.52 1.54 1.52 1.74	3.00 3.00 4.00 3.00	<0.1 <0.1 <0.1	<0.01 <0.01 <0.01 <0.01
WSR16 WSR33 WSR33 WSR33	7/08/2024 7/08/2024 7/08/2024 7/08/2024 7/08/2024 7/08/2024 7/08/2024 7/08/2024	Sunny Sunny Sunny Sunny Sunny Sunny	Mid-Flood  Mid-Flood  Mid-Flood  Mid-Flood  Mid-Flood  Mid-Flood  Mid-Flood	Moderate  Moderate  Moderate  Moderate  Moderate  Moderate	B B S S M	14 14 1 1 4	10:41:00 AM 10:41:00 AM 9:26:00 AM 9:26:00 AM	8.66 8.57 8.29 8.27	8.22 8.23 8.19 8.22	32.07 32.02 32.72	27.96 27.99 28.40	1.54 1.52 1.74	3.00 4.00 3.00	<0.1 <0.1 <0.1	<0.01 <0.01 <0.01
WSR16 WSR33 WSR33 WSR33	7/08/2024  7/08/2024  7/08/2024  7/08/2024  7/08/2024  7/08/2024  7/08/2024	Sunny Sunny Sunny Sunny Sunny	Mid-Flood  Mid-Flood  Mid-Flood  Mid-Flood  Mid-Flood	Moderate  Moderate  Moderate  Moderate  Moderate	B S S M	14 1 1 4	10:41:00 AM 9:26:00 AM 9:26:00 AM	8.57 8.29 8.27	8.23 8.19 8.22	32.02	27.99	1.52	3.00	<0.1	<0.01
WSR33 WSR33	7/08/2024  7/08/2024  7/08/2024  7/08/2024  7/08/2024  7/08/2024	Sunny Sunny Sunny Sunny	Mid-Flood  Mid-Flood  Mid-Flood  Mid-Flood  Mid-Flood	Moderate  Moderate  Moderate  Moderate	S S M	1 1 4	9:26:00 AM 9:26:00 AM	8.29 8.27	8.19 8.22	32.72	28.40	1.74	3.00	<0.1	<0.01
WSR33 WSR33	7/08/2024 7/08/2024 7/08/2024 7/08/2024 7/08/2024	Sunny Sunny Sunny	Mid-Flood  Mid-Flood  Mid-Flood  Mid-Flood	Moderate  Moderate  Moderate	М		9:26:00 AM	8.27	8.22						
WSR33	7/08/2024 7/08/2024 7/08/2024 7/08/2024	Sunny Sunny Sunny	Mid-Flood Mid-Flood Mid-Flood	Moderate Moderate	М					32.79	28.39	1.74	6.00	<0.1	<0.01
	7/08/2024 7/08/2024 7/08/2024	Sunny	Mid-Flood Mid-Flood	Moderate			9:27:00 AM	8.24	0.20						
WSR33	7/08/2024 7/08/2024	Sunny	Mid-Flood		М	4			8.40	32.80	28.37	1.76	3.00	<0.1	<0.01
	7/08/2024			Moderate			9:27:00 AM	8.32	8.22	32.73	28.38	1.76	4.00	<0.1	<0.01
WSR33		Sunny			В	7	9:28:00 AM	8.21	8.20	32.80	28.39	1.73	6.00	<0.1	<0.01
WSR33	7 /09 /2024		Mid-Flood	Moderate	В	7	9:28:00 AM	8.27	8.19	32.72	28.38	1.72	3.00	<0.1	<0.01
WSR36	770072024	Sunny	Mid-Flood	Moderate	S	1	9:43:00 AM	7.93	8.14	32.20	28.38	1.72	6.00	<0.1	<0.01
WSR36	7/08/2024	Sunny	Mid-Flood	Moderate	S	1	9:43:00 AM	8.00	8.15	32.12	28.45	1.72	4.00	<0.1	<0.01
WSR36	7/08/2024	Sunny	Mid-Flood	Moderate	М	3	9:44:00 AM	8.00	8.15	32.17	28.44	1.72	4.00	<0.1	<0.01
WSR36	7/08/2024	Sunny	Mid-Flood	Moderate	М	3	9:44:00 AM	7.98	8.16	32.17	28.39	1.76	3.00	<0.1	<0.01
WSR36	7/08/2024	Sunny	Mid-Flood	Moderate	В	6	9:44:00 AM	8.00	8.15	32.16	28.43	1.72	7.00	<0.1	<0.01
WSR36	7/08/2024	Sunny	Mid-Flood	Moderate	В	6	9:44:00 AM	8.01	8.14	32.17	28.38	1.73	8.00	<0.1	<0.01
WSR37	7/08/2024	Sunny	Mid-Flood	Moderate	S	1	10:00:00 AM	9.07	8.18	33.04	28.12	1.85	5.00	<0.1	<0.01
WSR37	7/08/2024	Sunny	Mid-Flood	Moderate	S	1	10:00:00 AM	9.15	8.18	33.08	28.05	1.87	3.00	<0.1	<0.01
WSR37	7/08/2024	Sunny	Mid-Flood	Moderate	М	4	10:01:00 AM	9.10	8.18	33.08	28.13	1.84	6.00	<0.1	<0.01
WSR37	7/08/2024	Sunny	Mid-Flood	Moderate	М	4	10:01:00 AM	9.13	8.18	33.10	28.14	1.88	9.00	<0.1	<0.01
WSR37	7/08/2024	Sunny	Mid-Flood	Moderate	В	8	10:02:00 AM	9.17	8.19	33.11	28.06	1.88	5.00	<0.1	<0.01
WSR37	7/08/2024	Sunny	Mid-Flood	Moderate	В	8	10:02:00 AM	9.08	8.17	33.06	28.10	1.87	3.00	<0.1	<0.01
NF1	7/08/2024	Sunny	Mid-Flood	Moderate	S	1	10:24:00 AM	8.82	8.19	31.87	28.01	1.36	7.00	<0.1	<0.01
NF1	7/08/2024	Sunny	Mid-Flood	Moderate	S	1	10:24:00 AM	8.87	8.20	31.91	28.00	1.36	4.00	<0.1	<0.01
NF1	7/08/2024	Sunny	Mid-Flood	Moderate	М	7	10:25:00 AM	8.85	8.21	31.87	28.00	1.36	3.00	<0.1	<0.01
NF1	7/08/2024	Sunny	Mid-Flood	Moderate	М	7	10:25:00 AM	8.87	8.19	31.94	28.05	1.37	6.00	<0.1	<0.01
NF1	7/08/2024	Sunny	Mid-Flood	Moderate	В	12	10:26:00 AM	8.82	8.20	31.96	27.98	1.37	4.00	<0.1	<0.01
NF1	7/08/2024	Sunny	Mid-Flood	Moderate	В	12	10:26:00 AM	8.80	8.22	31.96	27.97	1.37	4.00	<0.1	<0.01

48         78         88         88         88         16         1.5         1.5         1.5         1.6	Location	Date	Weather	Tide	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp ((°C)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L)	Total Residual Chlorine (mg/L)
1	NF2	7/08/2024	Sunny	Mid-Flood	Moderate	S	1	10:16:00 AM	7.98				1.40	5.00	<0.1	<0.01
1	NF2	7/08/2024	Sunny	Mid-Flood	Moderate	S	1	10:16:00 AM	7.96	8.34	31.60	28.12	1.41	8.00	<0.1	<0.01
STR2         7,900,000 L         Staff Col.         2,000,000 L         Staff Col.         2,000,000 L         1,000 L         5,000 L         4,000 L         4,000 L         4,000 L         1,000 L         4,000 L<	NF2	7/08/2024	Sunny	Mid-Flood	Moderate	М	5	10:17:00 AM	8.00	8.37	31.63	28.17	1.44	3.00	<0.1	<0.01
1972   7796,2004   1000   140, 140.0   140, 140.0   15   15   140, 140.0   15.5   14.5   14.7   14.1   14.2   12.0   14	NF2	7/08/2024	Sunny	Mid-Flood	Moderate	М	5	10:17:00 AM	8.03	8.37	31.65	28.19	1.42	6.00	<0.1	<0.01
Mile	NF2	7/08/2024	Sunny	Mid-Flood	Moderate	В	9	10:18:00 AM	7.94	8.34	31.69	28.18	1.41	5.00	<0.1	<0.01
1	NF2	7/08/2024	Sunny	Mid-Flood	Moderate	В	9	10:18:00 AM	8.05	8.34	31.67	28.15	1.42	3.00	<0.1	<0.01
MFS   7794/2244   Summy   Moderna	NF3	7/08/2024	Sunny	Mid-Flood	Moderate	S	1	10:09:00 AM	8.79	8.23	31.97	28.15	1.26	5.00	<0.1	<0.01
Mart	NF3	7/08/2024	Sunny	Mid-Flood	Moderate	S	1	10:09:00 AM	8.84	8.21	31.97	28.08	1.24	3.00	<0.1	<0.01
172   7,000,2724   Suny   Mat Floor   Moderne   B   11   19,110   Moderne   R1   19,110   Moderne	NF3	7/08/2024	Sunny	Mid-Flood	Moderate	М	6	10:10:00 AM	8.82	8.22	31.90	28.12	1.32	4.00	<0.1	<0.01
1673   7,70,70704   Sunge   M.154col   Sunge   M.154col   Sunge   Su	NF3	7/08/2024	Sunny	Mid-Flood	Moderate	М	6	10:10:00 AM	8.77	8.21	31.88	28.07	1.33	5.00	<0.1	<0.01
	NF3	7/08/2024	Sunny	Mid-Flood	Moderate	В	11	10:11:00 AM	8.82	8.23	31.97	28.11	1.44	4.00	<0.1	<0.01
Cit   1/18/16/2224   Colorly   Med Flood   Mederate   S   1   1/18/16/16/16   1/18/16/12   1/1	NF3	7/08/2024	Sunny	Mid-Flood	Moderate	В	11	10:11:00 AM	8.84	8.21	31.97	28.13	1.33	4.00	<0.1	<0.01
CE   10/19/2024   Cloudy   Mid-Flowd   Moderator   M	CE	10/08/2024	Cloudy	Mid-Flood	Moderate	S	1	10:50:00 AM	9.07	8.03	30.95	27.99	2.10	2.50	<0.1	<0.01
10/18/2024   10/18/2024   10/18/2024   10/18/18/2024   10/18/18/2024   10/18/2024	CE	10/08/2024	Cloudy	Mid-Flood	Moderate	S	1	10:50:00 AM	9.08	8.02	30.92	27.99	2.13	2.50	<0.1	<0.01
CE   10/08/2024   Cloudy   Mid-Flood   Moderate   8   22   10/52/00 AM   9.06   8.02   30.90   28.00   2.11   3.00   -0.1   -0.21	CE	10/08/2024	Cloudy	Mid-Flood	Moderate	М	12	10:51:00 AM	9.06	8.02	30.91	27.99	2.18	3.00	<0.1	<0.01
CF   10/08/7024   Cloudy   Mid-Flood   Moderate   B   22   10.5290 AM   9.05   8.02   30.94   28.01   2.20   3.00   4.01   4.02	CE	10/08/2024	Cloudy	Mid-Flood	Moderate	М	12	10:51:00 AM	9.03	8.04	30.96	27.99	2.24	3.00	<0.1	<0.01
CF 10/08/2024 Cloudy Mid-Flood Moderate S 1 180000 AM 9.14 8.23 31.40 28.19 2.38 4.00 40.1 40.1  CF 10/08/2024 Cloudy Mid-Flood Moderate S 1 8.00.00 AM 9.13 8.21 31.43 28.19 2.35 3.00 40.1 40.1  CF 10/08/2024 Cloudy Mid-Flood Moderate M 10 8.01.00 AM 9.15 8.21 31.19 21.19 2.51 2.50 40.1 40.0  CF 10/08/2024 Cloudy Mid-Flood Moderate M 10 8.01.00 AM 9.14 8.22 31.11 28.17 2.48 3.00 40.1 40.0  CF 10/08/2024 Cloudy Mid-Flood Moderate B 19 80.200 AM 9.15 8.22 31.41 28.19 24.7 3.00 40.1 40.0  CF 10/08/2024 Cloudy Mid-Flood Moderate B 19 80.200 AM 9.15 8.22 31.40 28.19 2.47 3.00 40.1 40.0  CF 10/08/2024 Cloudy Mid-Flood Moderate B 19 80.200 AM 9.15 8.22 31.40 28.19 2.47 3.00 40.1 40.0  WSR01 10/08/2024 Cloudy Mid-Flood Moderate S 1 8.23.00 AM 9.15 8.21 31.56 27.91 3.39 2.50 40.1 40.0  WSR01 10/08/2024 Cloudy Mid-Flood Moderate S 1 82.300 AM 9.15 8.21 31.56 27.90 1.41 3.00 40.1 40.0  WSR01 10/08/2024 Cloudy Mid-Flood Moderate S 1 82.400 AM 9.17 8.21 31.56 27.90 1.41 3.00 40.1 40.0  WSR01 10/08/2024 Cloudy Mid-Flood Moderate S 8.2400 AM 9.17 8.21 31.95 27.90 1.41 3.00 40.1 40.0  WSR01 10/08/2024 Cloudy Mid-Flood Moderate S 8.2400 AM 9.17 8.21 31.95 27.90 1.33 2.50 40.1 40.0  WSR01 10/08/2024 Cloudy Mid-Flood Moderate S 8.2400 AM 9.17 8.21 31.95 27.90 1.33 2.50 40.1 40.0  WSR01 10/08/2024 Cloudy Mid-Flood Moderate S 8.2400 AM 9.17 8.21 31.95 27.90 1.33 2.50 40.1 40.0  WSR01 10/08/2024 Cloudy Mid-Flood Moderate S 8.2400 AM 9.17 8.21 31.95 27.90 1.33 2.50 40.1 40.0  WSR01 10/08/2024 Cloudy Mid-Flood Moderate S 8.2400 AM 9.17 8.21 31.96 27.90 1.33 2.50 40.1 40.0  WSR01 10/08/2024 Cloudy Mid-Flood Moderate S 8.2400 AM 9.17 8.21 31.96 27.90 1.33 2.50 40.1 40.0  WSR01 10/08/2024 Cloudy Mid-Flood Moderate S 8.2400 AM 9.15 8.2400 AM 9.15 8.22 31.96 27.90 1.33 2.50 40.1 40.0  WSR01 10/08/2024 Cloudy Mid-Flood Moderate S 8.2400 AM 9.15 8.2400 AM 9.15 8.22 31.96 27.90 1.33 2.50 40.1 40.0  WSR01 10/08/2024 Cloudy Mid-Flood Moderate S 8.2400 AM 9.15 8.2400 AM 9.15 8.22 31.96 27.90 1.33 2.50 40.1 40.0  WSR01 10/08/2024 Cloudy Mid-Flood	CE	10/08/2024	Cloudy	Mid-Flood	Moderate	В	22	10:52:00 AM	9.06	8.02	30.90	28.00	2.11	3.00	<0.1	<0.01
CF         10/08/2024         Cloudy         Mid-Flood         Moderate         S         1         8.00.00 AM         9.13         8.21         31.43         28.19         2.35         3.00         -0.1         -0.01           CF         10/08/2024         Cloudy         Mid-Flood         Moderate         M         10         8.01.00 AM         9.15         8.21         31.39         28.19         2.51         2.50         -0.1         -0.01           CF         10/08/2024         Cloudy         Mid-Flood         Moderate         M         10         801.00 AM         9.14         8.22         31.40         28.17         2.48         3.00         -0.1         -0.01           CF         10/08/2024         Cloudy         Mid-Flood         Moderate         B         19         802.00 AM         9.15         8.22         31.40         28.19         2.47         3.00         -0.1         -0.01           CF         10/08/2024         Cloudy         Mid-Flood         Moderate         B         19         802.00 AM         9.15         8.21         31.47         28.18         2.50         5.00         -0.1         -0.21           WSR01         10/08/2024         Cloudy         Mi	CE	10/08/2024	Cloudy	Mid-Flood	Moderate	В	22	10:52:00 AM	9.05	8.02	30.94	28.01	2.20	3.00	<0.1	<0.01
CF 10/08/2024 Cloudy Mid-Flood Moderate M 10 8:01:00 AM 9.15 8:21 31.39 28.19 2.51 2.50 <0.1 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001	CF	10/08/2024	Cloudy	Mid-Flood	Moderate	S	1	8:00:00 AM	9.14	8.23	31.40	28.21	2.38	4.00	<0.1	<0.01
CF 10/08/2024 Cloudy Mid-Flood Moderate M 10 8:01:00 AM 9.14 8:22 31.41 28.17 2.48 3.00 <0.1 0.00 0.00 0.00 0.00 0.00 0.00 0	CF	10/08/2024	Cloudy	Mid-Flood	Moderate	S	1	8:00:00 AM	9.13	8.21	31.43	28.19	2.35	3.00	<0.1	<0.01
CF 10/08/2024 Cloudy Mid-Flood Moderate B 19 8:02:00 AM 9.15 8.22 31:40 28:19 247 3.00 <0.1 <0.01 <0.01 <0.01 <0.01 <0.01 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001	CF	10/08/2024	Cloudy	Mid-Flood	Moderate	М	10	8:01:00 AM	9.15	8.21	31.39	28.19	2.51	2.50	<0.1	<0.01
CF 10/08/2024 Cloudy Mid-Flood Moderate B 19 8:02:00 AM 9.14 8.21 31.47 28.18 2.50 5.00 <0.1 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.	CF	10/08/2024	Cloudy	Mid-Flood	Moderate	М	10	8:01:00 AM	9.14	8.22	31.41	28.17	2.48	3.00	<0.1	<0.01
WSR01         10/08/2024         Cloudy         Mid-Flood         Moderate         S         1         8:23:00 AM         9.15         8.21         31.96         27.91         1.39         2.50         <0.1         <0.01           WSR01         10/08/2024         Cloudy         Mid-Flood         Moderate         S         1         8:23:00 AM         9.21         8.22         31.96         27.90         1.41         3.00         <0.1         <0.01           WSR01         10/08/2024         Cloudy         Mid-Flood         Moderate         M         5         8:24:00 AM         9.17         8.21         31.96         27.93         1.39         2.50         <0.1         <0.01           WSR01         10/08/2024         Cloudy         Mid-Flood         Moderate         M         5         8:24:00 AM         9.21         8.21         31.96         27.90         1.33         2.50         <0.1         <0.01           WSR01         10/08/2024         Cloudy         Mid-Flood         Moderate         B         8         8:25:00 AM         9.15         8.22         31.96         27.92         1.43         2.50         <0.1         <0.01	CF	10/08/2024	Cloudy	Mid-Flood	Moderate	В	19	8:02:00 AM	9.15	8.22	31.40	28.19	2.47	3.00	<0.1	<0.01
WSR01         10/08/2024         Cloudy         Mid-Flood         Moderate         S         1         8:23:00 AM         9.21         8.22         31.96         27.90         1.41         3.00         <0.1         <0.01           WSR01         10/08/2024         Cloudy         Mid-Flood         Moderate         M         5         8:24:00 AM         9.21         8.21         31.95         27.93         1.39         2.50         <0.1         <0.01           WSR01         10/08/2024         Cloudy         Mid-Flood         Moderate         M         5         8:24:00 AM         9.21         8.21         31.96         27.90         1.33         2.50         <0.1         <0.01           WSR01         10/08/2024         Cloudy         Mid-Flood         Moderate         B         8         8:25:00 AM         9.15         8.22         31.96         27.92         1.43         2.50         <0.1         <0.01	CF	10/08/2024	Cloudy	Mid-Flood	Moderate	В	19	8:02:00 AM	9.14	8.21	31.47	28.18	2.50	5.00	<0.1	<0.01
WSR01 10/08/2024 Cloudy Mid-Flood Moderate M 5 8:24:00 AM 9.17 8.21 31.95 27.93 1.39 2.50 <0.1 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <	WSR01	10/08/2024	Cloudy	Mid-Flood	Moderate	S	1	8:23:00 AM	9.15	8.21	31.96	27.91	1.39	2.50	<0.1	<0.01
WSR01 10/08/2024 Cloudy Mid-Flood Moderate M 5 8:24:00 AM 9.21 8.21 31.96 27.90 1.33 2.50 <0.1 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <	WSR01	10/08/2024	Cloudy	Mid-Flood	Moderate	S	1	8:23:00 AM	9.21	8.22	31.96	27.90	1.41	3.00	<0.1	<0.01
WSR01 10/08/2024 Cloudy Mid-Flood Moderate B 8 8:25:00 AM 9.15 8.22 31.96 27.92 1.43 2.50 <0.1 <0.01	WSR01	10/08/2024	Cloudy	Mid-Flood	Moderate	М	5	8:24:00 AM	9.17	8.21	31.95	27.93	1.39	2.50	<0.1	<0.01
	WSR01	10/08/2024	Cloudy	Mid-Flood	Moderate	М	5	8:24:00 AM	9.21	8.21	31.96	27.90	1.33	2.50	<0.1	<0.01
WSR01 10/08/2024 Cloudy Mid-Flood Moderate B 8 8:25:00 AM 9.15 8.22 31.94 27.93 1.40 2.50 <0.1 <0.01	WSR01	10/08/2024	Cloudy	Mid-Flood	Moderate	В	8	8:25:00 AM	9.15	8.22	31.96	27.92	1.43	2.50	<0.1	<0.01
	WSR01	10/08/2024	Cloudy	Mid-Flood	Moderate	В	8	8:25:00 AM	9.15	8.22	31.94	27.93	1.40	2.50	<0.1	<0.01

*****			Tide	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp ((°C)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L)	Total Residual Chlorine (mg/L)
WSR02	10/08/2024	Cloudy	Mid-Flood	Moderate	S	1	8:40:00 AM	9.29	8.33	32.16	28.37	2.06	3.00	<0.1	<0.01
WSR02	10/08/2024	Cloudy	Mid-Flood	Moderate	S	1	8:40:00 AM	9.28	8.34	32.21	28.31	2.07	3.00	<0.1	<0.01
WSR02	10/08/2024	Cloudy	Mid-Flood	Moderate	М	5	8:41:00 AM	9.29	8.33	32.15	28.32	2.02	2.50	<0.1	<0.01
WSR02	10/08/2024	Cloudy	Mid-Flood	Moderate	М	5	8:41:00 AM	9.27	8.34	32.21	28.35	2.01	3.00	<0.1	<0.01
WSR02	10/08/2024	Cloudy	Mid-Flood	Moderate	В	8	8:42:00 AM	9.27	8.35	32.16	28.37	2.02	3.00	<0.1	<0.01
WSR02	10/08/2024	Cloudy	Mid-Flood	Moderate	В	8	8:42:00 AM	9.26	8.33	32.19	28.36	2.07	2.50	<0.1	<0.01
WSR03	10/08/2024	Cloudy	Mid-Flood	Moderate	S	1	8:52:00 AM	9.34	8.15	32.40	28.15	1.58	2.50	<0.1	<0.01
WSR03	10/08/2024	Cloudy	Mid-Flood	Moderate	S	1	8:52:00 AM	9.34	8.15	32.45	28.19	1.59	3.00	<0.1	<0.01
WSR03	10/08/2024	Cloudy	Mid-Flood	Moderate	М	4	8:53:00 AM	9.33	8.17	32.41	28.18	1.62	2.50	<0.1	<0.01
WSR03	10/08/2024	Cloudy	Mid-Flood	Moderate	М	4	8:53:00 AM	9.34	8.14	32.39	28.15	1.66	3.00	<0.1	<0.01
WSR03	10/08/2024	Cloudy	Mid-Flood	Moderate	В	7	8:54:00 AM	9.32	8.14	32.40	28.17	1.52	2.50	<0.1	<0.01
WSR03	10/08/2024	Cloudy	Mid-Flood	Moderate	В	7	8:54:00 AM	9.36	8.14	32.42	28.17	1.47	2.50	<0.1	<0.01
WSR04	10/08/2024	Cloudy	Mid-Flood	Moderate	S	1	9:06:00 AM	9.33	8.18	31.88	28.24	1.99	4.00	<0.1	<0.01
WSR04	10/08/2024	Cloudy	Mid-Flood	Moderate	S	1	9:06:00 AM	9.29	8.20	31.92	28.19	1.95	5.00	<0.1	<0.01
WSR04	10/08/2024	Cloudy	Mid-Flood	Moderate	М	4	9:07:00 AM	9.31	8.20	31.90	28.20	1.85	3.00	<0.1	<0.01
WSR04	10/08/2024	Cloudy	Mid-Flood	Moderate	М	4	9:07:00 AM	9.32	8.21	31.92	28.22	1.88	3.00	<0.1	<0.01
WSR04	10/08/2024	Cloudy	Mid-Flood	Moderate	В	6	9:08:00 AM	9.30	8.21	31.95	28.23	1.93	2.50	<0.1	<0.01
WSR04	10/08/2024	Cloudy	Mid-Flood	Moderate	В	6	9:08:00 AM	9.28	8.18	31.89	28.25	1.82	2.50	<0.1	<0.01
WSR16	10/08/2024	Cloudy	Mid-Flood	Moderate	S	1	10:29:00 AM	8.36	8.29	31.95	28.31	1.39	2.50	<0.1	<0.01
WSR16	10/08/2024	Cloudy	Mid-Flood	Moderate	S	1	10:29:00 AM	8.41	8.28	31.96	28.27	1.37	2.50	<0.1	<0.01
WSR16	10/08/2024	Cloudy	Mid-Flood	Moderate	М	8	10:30:00 AM	8.36	8.28	31.97	28.28	1.42	3.00	<0.1	<0.01
WSR16	10/08/2024	Cloudy	Mid-Flood	Moderate	М	8	10:30:00 AM	8.40	8.27	31.94	28.31	1.36	2.50	<0.1	<0.01
WSR16	10/08/2024	Cloudy	Mid-Flood	Moderate	В	16	10:31:00 AM	8.37	8.29	31.98	28.30	1.41	4.00	<0.1	<0.01
WSR16	10/08/2024	Cloudy	Mid-Flood	Moderate	В	16	10:31:00 AM	8.38	8.27	31.97	28.28	1.39	5.00	<0.1	<0.01
WSR33	10/08/2024	Cloudy	Mid-Flood	Moderate	S	1	9:21:00 AM	8.29	8.08	31.34	27.90	2.11	2.50	<0.1	<0.01
WSR33	10/08/2024	Cloudy	Mid-Flood	Moderate	S	1	9:21:00 AM	8.32	8.05	31.29	27.89	2.09	3.00	<0.1	<0.01
WSR33	10/08/2024	Cloudy	Mid-Flood	Moderate	М	4	9:22:00 AM	8.27	8.07	31.32	27.91	2.10	3.00	<0.1	<0.01
WSR33	10/08/2024	Cloudy	Mid-Flood	Moderate	М	4	9:22:00 AM	8.31	8.04	31.28	27.85	2.09	2.50	<0.1	<0.01
WSR33	10/08/2024	Cloudy	Mid-Flood	Moderate	В	7	9:23:00 AM	8.29	8.06	31.36	27.91	2.10	2.50	<0.1	<0.01
WSR33	10/08/2024	Cloudy	Mid-Flood	Moderate	В	7	9:23:00 AM	8.32	8.06	31.28	27.90	2.05	2.50	<0.1	<0.01

Location	Date	Weather	Tide	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp ((°C)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L)	Total Residual Chlorine (mg/L)
WSR36	10/08/2024	Cloudy	Mid-Flood	Moderate	S	1	9:36:00 AM	9.18	8.18	32.08	28.08	1.91	2.50	<0.1	<0.01
WSR36	10/08/2024	Cloudy	Mid-Flood	Moderate	S	1	9:36:00 AM	9.17	8.14	32.10	28.09	1.86	2.50	<0.1	<0.01
WSR36	10/08/2024	Cloudy	Mid-Flood	Moderate	М	3	9:37:00 AM	9.17	8.16	32.10	28.10	1.89	2.50	<0.1	<0.01
WSR36	10/08/2024	Cloudy	Mid-Flood	Moderate	М	3	9:37:00 AM	9.18	8.18	32.06	28.09	1.92	2.50	<0.1	<0.01
WSR36	10/08/2024	Cloudy	Mid-Flood	Moderate	В	6	9:37:00 AM	9.17	8.14	32.12	28.12	1.88	3.00	<0.1	<0.01
WSR36	10/08/2024	Cloudy	Mid-Flood	Moderate	В	6	9:37:00 AM	9.21	8.14	32.11	28.12	1.87	2.50	<0.1	<0.01
WSR37	10/08/2024	Cloudy	Mid-Flood	Moderate	S	1	9:52:00 AM	9.02	8.35	32.29	28.30	1.54	2.50	<0.1	<0.01
WSR37	10/08/2024	Cloudy	Mid-Flood	Moderate	S	1	9:52:00 AM	9.04	8.34	32.32	28.30	1.53	2.50	<0.1	<0.01
WSR37	10/08/2024	Cloudy	Mid-Flood	Moderate	М	4	9:53:00 AM	9.00	8.33	32.32	28.29	1.52	3.00	<0.1	<0.01
WSR37	10/08/2024	Cloudy	Mid-Flood	Moderate	М	4	9:53:00 AM	9.00	8.35	32.26	28.33	1.52	4.00	<0.1	<0.01
WSR37	10/08/2024	Cloudy	Mid-Flood	Moderate	В	7	9:54:00 AM	9.02	8.34	32.29	28.29	1.55	5.00	<0.1	<0.01
WSR37	10/08/2024	Cloudy	Mid-Flood	Moderate	В	7	9:54:00 AM	9.00	8.33	32.33	28.30	1.56	3.00	<0.1	<0.01
NF1	10/08/2024	Cloudy	Mid-Flood	Moderate	S	1	10:16:00 AM	8.59	8.18	31.73	28.02	1.75	2.50	<0.1	<0.01
NF1	10/08/2024	Cloudy	Mid-Flood	Moderate	S	1	10:16:00 AM	8.57	8.17	31.70	28.06	1.78	3.00	<0.1	<0.01
NF1	10/08/2024	Cloudy	Mid-Flood	Moderate	М	7	10:17:00 AM	8.56	8.15	31.67	28.01	1.79	2.50	<0.1	<0.01
NF1	10/08/2024	Cloudy	Mid-Flood	Moderate	М	7	10:17:00 AM	8.60	8.17	31.72	28.03	1.75	3.00	<0.1	<0.01
NF1	10/08/2024	Cloudy	Mid-Flood	Moderate	В	13	10:18:00 AM	8.58	8.14	31.65	28.01	1.79	3.00	<0.1	<0.01
NF1	10/08/2024	Cloudy	Mid-Flood	Moderate	В	13	10:18:00 AM	8.58	8.15	31.65	28.03	1.74	3.00	<0.1	<0.01
NF2	10/08/2024	Cloudy	Mid-Flood	Moderate	S	1	10:08:00 AM	8.93	8.11	31.39	27.95	1.33	2.50	<0.1	<0.01
NF2	10/08/2024	Cloudy	Mid-Flood	Moderate	S	1	10:08:00 AM	8.96	8.12	31.37	27.97	1.47	2.50	<0.1	<0.01
NF2	10/08/2024	Cloudy	Mid-Flood	Moderate	М	5	10:09:00 AM	8.90	8.14	31.37	27.95	1.57	2.50	<0.1	<0.01
NF2	10/08/2024	Cloudy	Mid-Flood	Moderate	М	5	10:09:00 AM	8.95	8.15	31.34	27.96	1.33	3.00	<0.1	<0.01
NF2	10/08/2024	Cloudy	Mid-Flood	Moderate	В	10	10:10:00 AM	8.92	8.12	31.36	27.94	1.29	2.50	<0.1	<0.01
NF2	10/08/2024	Cloudy	Mid-Flood	Moderate	В	10	10:10:00 AM	8.95	8.14	31.36	27.94	1.49	2.50	<0.1	<0.01
NF3	10/08/2024	Cloudy	Mid-Flood	Moderate	S	1	10:01:00 AM	8.61	8.23	31.73	28.23	1.97	2.50	<0.1	<0.01
NF3	10/08/2024	Cloudy	Mid-Flood	Moderate	S	1	10:01:00 AM	8.63	8.21	31.72	28.27	1.98	2.50	<0.1	<0.01
NF3	10/08/2024	Cloudy	Mid-Flood	Moderate	М	6	10:02:00 AM	8.66	8.20	31.75	28.24	1.95	2.50	<0.1	<0.01
NF3	10/08/2024	Cloudy	Mid-Flood	Moderate	М	6	10:02:00 AM	8.64	8.22	31.75	28.27	1.95	2.50	<0.1	<0.01
NF3	10/08/2024	Cloudy	Mid-Flood	Moderate	В	11	10:03:00 AM	8.66	8.22	31.69	28.24	1.95	3.00	<0.1	<0.01
NF3	10/08/2024	Cloudy	Mid-Flood	Moderate	В	11	10:03:00 AM	8.61	8.19	31.67	28.24	1.98	3.00	<0.1	<0.01

Location	Date	Weather	Tide	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp ((°C)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L)	Total Residual Chlorine (mg/L)
CE	13/08/2024	Sunny	Mid-Ebb	Moderate	S	1	8:00:00 AM	8.43	8.30	31.40	28.34	2.59	4.00	<0.1	<0.01
СЕ	13/08/2024	Sunny	Mid-Ebb	Moderate	S	1	8:00:00 AM	8.43	8.28	31.35	28.33	2.67	2.50	<0.1	<0.01
CE	13/08/2024	Sunny	Mid-Ebb	Moderate	М	10	8:01:00 AM	8.41	8.29	31.35	28.37	2.68	3.00	<0.1	<0.01
CE	13/08/2024	Sunny	Mid-Ebb	Moderate	М	10	8:01:00 AM	8.41	8.28	31.37	28.36	2.64	2.50	<0.1	<0.01
CE	13/08/2024	Sunny	Mid-Ebb	Moderate	В	20	8:02:00 AM	8.44	8.30	31.37	28.33	2.55	4.00	<0.1	<0.01
CE	13/08/2024	Sunny	Mid-Ebb	Moderate	В	20	8:02:00 AM	8.45	8.29	31.34	28.36	2.69	3.00	<0.1	<0.01
CF	13/08/2024	Sunny	Mid-Ebb	Moderate	S	1	11:01:00 AM	8.60	8.14	32.22	28.60	2.31	2.50	<0.1	<0.01
CF	13/08/2024	Sunny	Mid-Ebb	Moderate	S	1	11:01:00 AM	8.58	8.12	32.25	28.61	2.37	3.00	<0.1	<0.01
CF	13/08/2024	Sunny	Mid-Ebb	Moderate	М	11	11:02:00 AM	8.57	8.13	32.26	28.63	2.35	3.00	<0.1	<0.01
CF	13/08/2024	Sunny	Mid-Ebb	Moderate	М	11	11:02:00 AM	8.60	8.13	32.27	28.60	2.41	3.00	<0.1	<0.01
CF	13/08/2024	Sunny	Mid-Ebb	Moderate	В	20	11:03:00 AM	8.58	8.13	32.31	28.64	2.33	3.00	<0.1	<0.01
CF	13/08/2024	Sunny	Mid-Ebb	Moderate	В	20	11:03:00 AM	8.57	8.12	32.24	28.63	2.36	3.00	<0.1	<0.01
WSR01	13/08/2024	Sunny	Mid-Ebb	Moderate	S	1	10:38:00 AM	8.78	8.13	31.30	28.59	1.84	3.00	<0.1	<0.01
WSR01	13/08/2024	Sunny	Mid-Ebb	Moderate	S	1	10:38:00 AM	8.77	8.13	31.24	28.57	1.86	4.00	<0.1	<0.01
WSR01	13/08/2024	Sunny	Mid-Ebb	Moderate	М	4	10:39:00 AM	8.80	8.13	31.29	28.58	1.87	3.00	<0.1	<0.01
WSR01	13/08/2024	Sunny	Mid-Ebb	Moderate	М	4	10:39:00 AM	8.79	8.11	31.24	28.55	1.86	2.50	<0.1	<0.01
WSR01	13/08/2024	Sunny	Mid-Ebb	Moderate	В	7	10:40:00 AM	8.77	8.12	31.30	28.57	1.86	5.00	<0.1	<0.01
WSR01	13/08/2024	Sunny	Mid-Ebb	Moderate	В	7	10:40:00 AM	8.83	8.11	31.31	28.59	1.84	5.00	<0.1	<0.01
WSR02	13/08/2024	Sunny	Mid-Ebb	Moderate	S	1	10:19:00 AM	8.28	8.18	32.53	28.34	1.66	6.00	<0.1	<0.01
WSR02	13/08/2024	Sunny	Mid-Ebb	Moderate	S	1	10:19:00 AM	8.30	8.17	32.54	28.36	1.64	5.00	<0.1	<0.01
WSR02	13/08/2024	Sunny	Mid-Ebb	Moderate	М	5	10:20:00 AM	8.23	8.18	32.53	28.39	1.65	8.00	<0.1	<0.01
WSR02	13/08/2024	Sunny	Mid-Ebb	Moderate	М	5	10:20:00 AM	8.23	8.17	32.52	28.35	1.66	6.00	<0.1	<0.01
WSR02	13/08/2024	Sunny	Mid-Ebb	Moderate	В	8	10:21:00 AM	8.27	8.17	32.55	28.37	1.67	4.00	<0.1	<0.01
WSR02	13/08/2024	Sunny	Mid-Ebb	Moderate	В	8	10:21:00 AM	8.25	8.18	32.51	28.39	1.66	2.50	<0.1	<0.01
WSR03	13/08/2024	Sunny	Mid-Ebb	Moderate	S	1	10:03:00 AM	9.04	8.26	31.61	28.37	1.44	3.00	<0.1	<0.01
WSR03	13/08/2024	Sunny	Mid-Ebb	Moderate	S	1	10:03:00 AM	9.08	8.26	31.62	28.36	1.44	4.00	<0.1	<0.01
WSR03	13/08/2024	Sunny	Mid-Ebb	Moderate	М	4	10:04:00 AM	9.03	8.25	31.60	28.35	1.45	4.00	<0.1	<0.01
WSR03	13/08/2024	Sunny	Mid-Ebb	Moderate	М	4	10:04:00 AM	9.02	8.26	31.55	28.38	1.43	2.50	<0.1	<0.01
WSR03	13/08/2024	Sunny	Mid-Ebb	Moderate	В	7	10:05:00 AM	9.05	8.25	31.57	28.32	1.46	6.00	<0.1	<0.01
WSR03	13/08/2024	Sunny	Mid-Ebb	Moderate	В	7	10:05:00 AM	9.05	8.25	31.60	28.36	1.42	9.00	<0.1	<0.01

Location	Date	Weather	Tide	Sea Condition	Water Level	Depth (m)	Time	D0 (mg/L)	рН	Sal (ppt)	Temp ((°C)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L)	Total Residual Chlorine (mg/L)
WSR04	13/08/2024	Sunny	Mid-Ebb	Moderate	S	1	9:48:00 AM	8.69	8.17	31.42	28.54	1.80	14.00	<0.1	<0.01
WSR04	13/08/2024	Sunny	Mid-Ebb	Moderate	S	1	9:48:00 AM	8.67	8.15	31.37	28.57	1.83	10.00	<0.1	<0.01
WSR04	13/08/2024	Sunny	Mid-Ebb	Moderate	М	4	9:49:00 AM	8.71	8.16	31.33	28.58	1.81	11.00	<0.1	<0.01
WSR04	13/08/2024	Sunny	Mid-Ebb	Moderate	М	4	9:49:00 AM	8.68	8.15	31.33	28.59	1.80	13.00	<0.1	<0.01
WSR04	13/08/2024	Sunny	Mid-Ebb	Moderate	В	7	9:50:00 AM	8.69	8.16	31.40	28.56	1.80	9.00	<0.1	<0.01
WSR04	13/08/2024	Sunny	Mid-Ebb	Moderate	В	7	9:50:00 AM	8.67	8.15	31.33	28.59	1.81	10.00	<0.1	<0.01
WSR16	13/08/2024	Sunny	Mid-Ebb	Moderate	S	1	8:21:00 AM	8.39	8.31	31.49	28.46	1.52	9.00	<0.1	<0.01
WSR16	13/08/2024	Sunny	Mid-Ebb	Moderate	S	1	8:21:00 AM	8.43	8.32	31.46	28.41	1.49	9.00	<0.1	<0.01
WSR16	13/08/2024	Sunny	Mid-Ebb	Moderate	М	8	8:22:00 AM	8.38	8.31	31.48	28.43	1.52	5.00	<0.1	<0.01
WSR16	13/08/2024	Sunny	Mid-Ebb	Moderate	М	8	8:22:00 AM	8.37	8.31	31.51	28.41	1.50	7.00	<0.1	<0.01
WSR16	13/08/2024	Sunny	Mid-Ebb	Moderate	В	16	8:23:00 AM	8.36	8.32	31.52	28.45	1.48	4.00	<0.1	<0.01
WSR16	13/08/2024	Sunny	Mid-Ebb	Moderate	В	16	8:23:00 AM	8.36	8.31	31.45	28.45	1.53	8.00	<0.1	<0.01
WSR33	13/08/2024	Sunny	Mid-Ebb	Moderate	S	1	9:33:00 AM	8.89	8.29	31.05	28.63	1.66	6.00	<0.1	<0.01
WSR33	13/08/2024	Sunny	Mid-Ebb	Moderate	S	1	9:33:00 AM	8.87	8.27	31.05	28.66	1.64	9.00	<0.1	<0.01
WSR33	13/08/2024	Sunny	Mid-Ebb	Moderate	М	4	9:34:00 AM	8.82	8.27	31.03	28.61	1.66	6.00	<0.1	<0.01
WSR33	13/08/2024	Sunny	Mid-Ebb	Moderate	М	4	9:34:00 AM	8.86	8.29	31.05	28.61	1.65	8.00	<0.1	<0.01
WSR33	13/08/2024	Sunny	Mid-Ebb	Moderate	В	6	9:35:00 AM	8.87	8.27	30.96	28.60	1.66	13.00	<0.1	<0.01
WSR33	13/08/2024	Sunny	Mid-Ebb	Moderate	В	6	9:35:00 AM	8.87	8.29	31.04	28.60	1.67	11.00	<0.1	<0.01
WSR36	13/08/2024	Sunny	Mid-Ebb	Moderate	S	1	9:18:00 AM	8.42	8.34	31.82	28.33	2.16	5.00	<0.1	<0.01
WSR36	13/08/2024	Sunny	Mid-Ebb	Moderate	S	1	9:18:00 AM	8.39	8.36	31.81	28.33	2.19	5.00	<0.1	<0.01
WSR36	13/08/2024	Sunny	Mid-Ebb	Moderate	М	4	9:19:00 AM	8.36	8.36	31.86	28.37	2.13	2.50	<0.1	<0.01
WSR36	13/08/2024	Sunny	Mid-Ebb	Moderate	М	4	9:19:00 AM	8.38	8.34	31.81	28.35	2.18	4.00	<0.1	<0.01
WSR36	13/08/2024	Sunny	Mid-Ebb	Moderate	В	6	9:19:00 AM	8.39	8.36	31.81	28.37	2.13	5.00	<0.1	<0.01
WSR36	13/08/2024	Sunny	Mid-Ebb	Moderate	В	6	9:19:00 AM	8.35	8.35	31.87	28.32	2.17	5.00	<0.1	<0.01
WSR37	13/08/2024	Sunny	Mid-Ebb	Moderate	S	1	9:11:00 AM	8.69	8.14	32.45	28.27	1.52	5.00	<0.1	<0.01
WSR37	13/08/2024	Sunny	Mid-Ebb	Moderate	S	1	9:11:00 AM	8.64	8.14	32.53	28.32	1.52	8.00	<0.1	<0.01
WSR37	13/08/2024	Sunny	Mid-Ebb	Moderate	М	4	9:12:00 AM	8.69	8.14	32.47	28.29	1.53	6.00	<0.1	<0.01
WSR37	13/08/2024	Sunny	Mid-Ebb	Moderate	М	4	9:12:00 AM	8.69	8.14	32.48	28.27	1.57	7.00	<0.1	<0.01
WSR37	13/08/2024	Sunny	Mid-Ebb	Moderate	В	7	9:13:00 AM	8.65	8.13	32.48	28.31	1.57	4.00	<0.1	<0.01
WSR37	13/08/2024	Sunny	Mid-Ebb	Moderate	В	7	9:13:00 AM	8.63	8.13	32.52	28.33	1.52	2.50	<0.1	<0.01

Mile	Location	Date	Weather	Tide	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp ((°C)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L)	Total Residual Chlorine (mg/L)
1	NF1	13/08/2024	Sunny	Mid-Ebb	Moderate	S	1	8:42:00 AM	9.05				1.63	2.50	<0.1	<0.01
Part   1711	NF1	13/08/2024	Sunny	Mid-Ebb	Moderate	S	1	8:42:00 AM	9.06	8.17	31.05	28.54	1.64	2.50	<0.1	<0.01
1	NF1	13/08/2024	Sunny	Mid-Ebb	Moderate	М	7	8:43:00 AM	9.06	8.17	31.08	28.50	1.66	3.00	<0.1	<0.01
Part   174   174   174   174   174   184	NF1	13/08/2024	Sunny	Mid-Ebb	Moderate	М	7	8:43:00 AM	9.00	8.17	31.12	28.49	1.63	6.00	<0.1	<0.01
No.   1,000	NF1	13/08/2024	Sunny	Mid-Ebb	Moderate	В	12	8:44:00 AM	9.05	8.16	31.09	28.54	1.66	6.00	<0.1	<0.01
March   Marc	NF1	13/08/2024	Sunny	Mid-Ebb	Moderate	В	12	8:44:00 AM	9.05	8.18	31.12	28.49	1.65	6.00	<0.1	<0.01
NF2	NF2	13/08/2024	Sunny	Mid-Ebb	Moderate	S	1	8:57:00 AM	8.81	8.35	32.08	28.43	1.92	12.00	<0.1	<0.01
1-12   1-12-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	NF2	13/08/2024	Sunny	Mid-Ebb	Moderate	S	1	8:57:00 AM	8.82	8.33	32.06	28.37	1.93	11.00	<0.1	<0.01
No.   1,744,7004   Sumy   No.   1828   No.   No.   18   10   10   10   10   10   10   10	NF2	13/08/2024	Sunny	Mid-Ebb	Moderate	М	5	8:58:00 AM	8.84	8.33	32.03	28.38	1.93	11.00	<0.1	<0.01
Property	NF2	13/08/2024	Sunny	Mid-Ebb	Moderate	М	5	8:58:00 AM	8.88	8.34	32.01	28.42	1.92	11.00	<0.1	<0.01
NTS 1/98/2014	NF2	13/08/2024	Sunny	Mid-Ebb	Moderate	В	10	8:59:00 AM	8.83	8.33	32.03	28.42	1.94	12.00	<0.1	<0.01
No. 11/60/2022 Survey Mol-Dile Molerate S 1 90/00/AM 092 030 1222 28.03 122 6.00 4.1 4.00 4.1	NF2	13/08/2024	Sunny	Mid-Ebb	Moderate	В	10	8:59:00 AM	8.88	8.33	32.07	28.38	1.95	11.00	<0.1	<0.01
No.   13/09/2024   Summy   Michael   Marche	NF3	13/08/2024	Sunny	Mid-Ebb	Moderate	S	1	9:05:00 AM	8.91	8.28	32.19	28.42	1.53	8.00	<0.1	<0.01
NS 13/06/2014 Surry Mid-Bible Moderate M 6 9.06.00 M 8.01 1.22 12.24 26.3 1.55 7.00 4.11 4.00.1  NS 13/06/2014 Surry Mid-Bible Moderate B 11 907.20 AM 8.04 1.28 12.20 26.0 1.57 6.00 4.11 4.00.1  NS 13/06/2014 Surry Mid-Bible Moderate B 11 907.20 AM 8.04 1.20 12.20 26.0 1.56 6.00 4.11 4.00.1  NS 13/06/2014 Surry Mid-Bible Moderate B 11 907.20 AM 8.00 1.20 1.20 12.00 1.20 1.20 1.20 1.20	NF3	13/08/2024	Sunny	Mid-Ebb	Moderate	S	1	9:05:00 AM	8.92	8.30	32.22	28.43	1.52	6.00	<0.1	<0.01
NF3 13/89/3244 Sourcy Mol-Bib Moderate B 11 90700 AM 8394 828 3200 2840 157 600 401 401 4001  NF3 13/89/3244 Sourcy Mol-Bib Moderate B 11 90700 AM 8394 828 3200 2840 157 600 401 401 4001  CE 15/89/3244 Cloudy Mol-Bib Moderate S 1 80000 AM 811 832 3337 2839 2849 270 300 401 401 4001  CE 15/89/3244 Cloudy Mol-Bib Moderate S 1 80000 AM 811 837 3337 2839 2849 270 300 401 401 4001  CE 15/89/3244 Cloudy Mol-Bib Moderate M 11 80100 AM 811 832 3337 2839 2849 270 300 401 401 4001  CE 15/89/3244 Cloudy Mol-Bib Moderate M 11 80100 AM 811 832 3330 2849 270 280 300 401 401 4001  CE 15/89/324 Cloudy Mol-Bib Moderate M 11 80100 AM 811 832 3330 2849 270 280 300 401 401 4001  CE 15/89/324 Cloudy Mol-Bib Moderate B 21 80200 AM 811 832 3330 2849 2849 266 250 401 401 4001  CE 15/89/324 Cloudy Mol-Bib Moderate B 21 80200 AM 811 813 8336 3336 2849 266 250 401 401 4001  CE 15/89/324 Cloudy Mol-Bib Moderate B 21 80200 AM 811 813 832 3336 2849 2860 2860 300 401 401 4001  CE 15/89/324 Cloudy Mol-Bib Moderate S 1 18890 M 811 813 814 815 8200 2881 2889 266 300 401 401 4001  CE 15/89/324 Cloudy Mol-Bib Moderate S 1 18890 M 806 811 813 810 810 8200 2881 2880 266 300 401 400 401  CE 15/89/324 Cloudy Mol-Bib Moderate S 1 18890 M 806 811 818 812 810 8200 2881 289 266 300 401 400 401  CE 15/89/324 Cloudy Mol-Bib Moderate M 11 18990 M 806 811 812 810 8200 2881 289 260 300 401 400 4001  CE 15/89/324 Cloudy Mol-Bib Moderate M 11 18990 M 806 811 812 810 8200 2881 289 260 300 401 400 4001  CE 15/89/324 Cloudy Mol-Bib Moderate M 11 18990 M 806 811 812 812 820 8281 220 300 300 401 400 4001  CE 15/89/324 Cloudy Mol-Bib Moderate M 11 18990 M 806 811 812 812 820 8281 220 300 300 401 400 4001  CE 15/89/324 Cloudy Mol-Bib Moderate M 11 18990 M 806 811 812 812 820 8281 820 8	NF3	13/08/2024	Sunny	Mid-Ebb	Moderate	М	6	9:06:00 AM	8.91	8.29	32.21	28.43	1.54	6.00	<0.1	<0.01
NF3 13/06/2024 Sunny Nid-Fibh Moderate B 11 907/00 AM 831 8.29 32.19 28.42 1.56 6.00 4.01 4.01 4.01 1.00 1.00 1.00 1.00 1	NF3	13/08/2024	Sunny	Mid-Ebb	Moderate	М	6	9:06:00 AM	8.91	8.29	32.24	28.43	1.55	7.00	<0.1	<0.01
CE 15/08/2024 Cloudy Mid-Ebb Moderate S 1 80000 AM 8.11 8.32 33.37 28.90 2.69 3.00 40.1 40.1 40.51  CK 15/08/2024 Cloudy Mid-Ebb Moderate S 1 80000 AM 8.11 8.32 33.37 28.90 2.69 3.00 40.1 40.1 40.51  CE 15/08/2024 Cloudy Mid-Ebb Moderate M 11 80100 AM 8.11 8.32 33.33 28.92 2.68 3.00 40.1 40.1 40.51  CE 15/08/2024 Cloudy Mid-Ebb Moderate M 11 80100 AM 8.13 8.36 33.40 28.95 271 3.00 40.1 40.51  CE 15/08/2024 Cloudy Mid-Ebb Moderate B 21 862200 AM 8.13 8.36 33.40 28.95 271 3.00 40.1 40.51  CE 15/08/2024 Cloudy Mid-Ebb Moderate B 21 862200 AM 8.15 8.37 33.34 28.94 26.6 25.0 40.1 40.51  CE 15/08/2024 Cloudy Mid-Ebb Moderate S 1 116800 AM 8.11 8.16 32.0 28.91 2.68 3.00 40.1 40.51  CF 15/08/2024 Cloudy Mid-Ebb Moderate S 1 116800 AM 8.11 8.16 32.0 28.91 2.68 3.00 40.1 40.51  CF 15/08/2024 Cloudy Mid-Ebb Moderate S 1 116800 AM 8.15 8.16 32.00 28.81 2.48 4.00 40.1 40.51  CF 15/08/2024 Cloudy Mid-Ebb Moderate S 1 116800 AM 8.06 8.14 32.06 28.81 2.49 3.00 40.1 40.51  CF 15/08/2024 Cloudy Mid-Ebb Moderate S 1 110900 AM 8.06 8.14 32.06 28.81 2.39 3.00 40.1 40.51  CF 15/08/2024 Cloudy Mid-Ebb Moderate S 1 110900 AM 8.06 8.14 32.06 28.81 2.39 3.00 40.1 40.51  CF 15/08/2024 Cloudy Mid-Ebb Moderate B 20 111600 AM 8.06 8.15 32.12 28.83 2.26 3.00 40.1 40.51  CF 15/08/2024 Cloudy Mid-Ebb Moderate B 20 111600 AM 8.06 8.15 32.12 28.83 2.26 3.00 40.1 40.51  CF 15/08/2024 Cloudy Mid-Ebb Moderate B 20 111600 AM 8.06 8.15 32.12 28.83 2.26 3.00 40.1 40.51  CF 15/08/2024 Cloudy Mid-Ebb Moderate B 20 111600 AM 8.06 8.15 32.12 28.83 2.26 3.00 40.1 40.51  CF 15/08/2024 Cloudy Mid-Ebb Moderate B 30 111600 AM 8.06 8.15 32.12 28.83 2.26 3.00 40.1 40.51  CF 15/08/2024 Cloudy Mid-Ebb Moderate B 30 111600 AM 8.06 8.15 32.12 28.83 2.26 3.00 40.1 40.51  CF 15/08/2024 Cloudy Mid-Ebb Moderate B 30 11600 AM 8.06 8.15 32.12 28.83 2.26 3.00 40.1 40.51  CF 15/08/2024 Cloudy Mid-Ebb Moderate B 30 11600 AM 8.06 8.15 32.12 28.83 2.26 3.00 40.1 40.51  CF 15/08/2024 Cloudy Mid-Ebb Moderate B 30 11600 AM 8.06 8.15 32.12 28.83 2.26 3.00 40.1 40.51  CF 15/08/2024	NF3	13/08/2024	Sunny	Mid-Ebb	Moderate	В	11	9:07:00 AM	8.94	8.28	32.20	28.40	1.57	6.00	<0.1	<0.01
CE 15/08/2024 Cloudy Mid-Ebb Moderate S 1 800-00 AM 8.11 8.37 33.39 28.89 2.70 3.00 <0.1 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.0	NF3	13/08/2024	Sunny	Mid-Ebb	Moderate	В	11	9:07:00 AM	8.93	8.29	32.19	28.42	1.56	6.00	<0.1	<0.01
CE 15/08/2024 Cloudy Mid-Ebb Moderate M 11 8.01:00 AM 8.11 8.32 33.33 28.92 2.68 3.00 <.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.0.0.1 <.	CE	15/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	8:00:00 AM	8.11	8.32	33.37	28.90	2.69	3.00	<0.1	<0.01
CE 15/08/2024 Cloudy Mid-Ebb Moderate M 11 8:01:00 AM 8.13 8.36 33.40 28.95 2.71 3.00 <0.1 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01	CE	15/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	8:00:00 AM	8.11	8.37	33.39	28.89	2.70	3.00	<0.1	<0.01
CE 15/08/2024 Cloudy Mid-Ebb Moderate B 21 8:02:00 AM 8.15 8.37 33.34 28.94 2.66 2.50 <0.1 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01	CE	15/08/2024	Cloudy	Mid-Ebb	Moderate	М	11	8:01:00 AM	8.11	8.32	33.33	28.92	2.68	3.00	<0.1	<0.01
CE         15/08/2024         Cloudy         Mid-Ebb         Moderate         B         21         8:02:00 AM         8.17         8.34         33.36         28.89         2.68         3.00         <0.1         <0.01           CF         15/08/2024         Cloudy         Mid-Ebb         Moderate         S         1         11:08:00 AM         8.11         8.16         32.09         28.81         2.48         4.00         <0.1         <0.01           CF         15/08/2024         Cloudy         Mid-Ebb         Moderate         S         1         11:08:00 AM         8.05         8.14         32.14         28.78         2.48         4.00         <0.1         <0.01           CF         15/08/2024         Cloudy         Mid-Ebb         Moderate         M         11         11:09:00 AM         8.06         8.14         32.06         28.81         2.39         3.00         <0.1         <0.01           CF         15/08/2024         Cloudy         Mid-Ebb         Moderate         B         20         11:09:00 AM         8.06         8.15         32.12         28.83         2.26         3.00         <0.1         <0.01           CF         15/08/2024         Cloudy         Mid-Ebb </td <td>CE</td> <td>15/08/2024</td> <td>Cloudy</td> <td>Mid-Ebb</td> <td>Moderate</td> <td>М</td> <td>11</td> <td>8:01:00 AM</td> <td>8.13</td> <td>8.36</td> <td>33.40</td> <td>28.95</td> <td>2.71</td> <td>3.00</td> <td>&lt;0.1</td> <td>&lt;0.01</td>	CE	15/08/2024	Cloudy	Mid-Ebb	Moderate	М	11	8:01:00 AM	8.13	8.36	33.40	28.95	2.71	3.00	<0.1	<0.01
CF 15/08/2024 Cloudy Mid-Ebb Moderate S 1 11:08:00 AM 8.11 8.66 32.09 28.81 2.48 4.00 <0.1 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01	CE	15/08/2024	Cloudy	Mid-Ebb	Moderate	В	21	8:02:00 AM	8.15	8.37	33.34	28.94	2.66	2.50	<0.1	<0.01
CF 15/08/2024 Cloudy Mid-Ebb Moderate S 1 11:08:00 AM 8.05 8.14 32.14 28.78 2.45 3.00 <0.1 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01	CE	15/08/2024	Cloudy	Mid-Ebb	Moderate	В	21	8:02:00 AM	8.17	8.34	33.36	28.89	2.68	3.00	<0.1	<0.01
CF 15/08/2024 Cloudy Mid-Ebb Moderate M 11 11:09:00 AM 8.06 8.14 32.06 28.81 2.39 3.00 <0.1 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.0	CF	15/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	11:08:00 AM	8.11	8.16	32.09	28.81	2.48	4.00	<0.1	<0.01
CF 15/08/2024 Cloudy Mid-Ebb Moderate M 11 11:09:00 AM 8.06 8.15 32.12 28.83 2.26 3.00 <0.1 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.0	CF	15/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	11:08:00 AM	8.05	8.14	32.14	28.78	2.45	3.00	<0.1	<0.01
CF 15/08/2024 Cloudy Mid-Ebb Moderate B 20 11:10:00 AM 8.08 8.19 32.10 28.83 2.35 2.50 <0.1 <0.01	CF	15/08/2024	Cloudy	Mid-Ebb	Moderate	М	11	11:09:00 AM	8.06	8.14	32.06	28.81	2.39	3.00	<0.1	<0.01
	CF	15/08/2024	Cloudy	Mid-Ebb	Moderate	М	11	11:09:00 AM	8.06	8.15	32.12	28.83	2.26	3.00	<0.1	<0.01
CF 15/08/2024 Cloudy Mid-Ebb Moderate B 20 11:10:00 AM 8.05 8.16 32.09 28.80 2.31 4.00 <0.1 <0.01	CF	15/08/2024	Cloudy	Mid-Ebb	Moderate	В	20	11:10:00 AM	8.08	8.19	32.10	28.83	2.35	2.50	<0.1	<0.01
	CF	15/08/2024	Cloudy	Mid-Ebb	Moderate	В	20	11:10:00 AM	8.05	8.16	32.09	28.80	2.31	4.00	<0.1	<0.01

Location	Date	Weather	Tide	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp ((°C)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L)	Total Residual Chlorine (mg/L)
WSR01	15/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	10:46:00 AM	8.26	8.14	32.03	28.93	1.82	7.00	<0.1	<0.01
WSR01	15/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	10:46:00 AM	8.20	8.16	32.08	28.93	1.82	4.00	<0.1	<0.01
WSR01	15/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	10:47:00 AM	8.25	8.17	31.99	28.93	1.80	3.00	<0.1	<0.01
WSR01	15/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	10:47:00 AM	8.27	8.17	32.08	28.93	1.78	5.00	<0.1	<0.01
WSR01	15/08/2024	Cloudy	Mid-Ebb	Moderate	В	8	10:48:00 AM	8.18	8.14	32.08	28.93	1.80	8.00	<0.1	<0.01
WSR01	15/08/2024	Cloudy	Mid-Ebb	Moderate	В	8	10:48:00 AM	8.22	8.13	31.99	28.91	1.78	4.00	<0.1	<0.01
WSR02	15/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	10:27:00 AM	9.09	8.30	32.00	29.17	1.59	3.00	<0.1	<0.01
WSR02	15/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	10:27:00 AM	9.05	8.32	32.01	29.18	1.58	2.50	<0.1	<0.01
WSR02	15/08/2024	Cloudy	Mid-Ebb	Moderate	М	5	10:28:00 AM	9.13	8.31	32.05	29.22	1.59	8.00	<0.1	<0.01
WSR02	15/08/2024	Cloudy	Mid-Ebb	Moderate	М	5	10:28:00 AM	9.10	8.29	31.99	29.15	1.59	7.00	<0.1	<0.01
WSR02	15/08/2024	Cloudy	Mid-Ebb	Moderate	В	8	10:29:00 AM	9.05	8.31	32.03	29.16	1.57	7.00	<0.1	<0.01
WSR02	15/08/2024	Cloudy	Mid-Ebb	Moderate	В	8	10:29:00 AM	9.10	8.32	32.06	29.20	1.61	9.00	<0.1	<0.01
WSR03	15/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	10:09:00 AM	8.43	8.13	32.24	28.98	1.74	16.00	<0.1	<0.01
WSR03	15/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	10:09:00 AM	8.44	8.16	32.23	29.02	1.72	17.00	<0.1	<0.01
WSR03	15/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	10:10:00 AM	8.43	8.11	32.26	28.96	1.74	9.00	<0.1	<0.01
WSR03	15/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	10:10:00 AM	8.40	8.13	32.32	29.00	1.70	8.00	<0.1	<0.01
WSR03	15/08/2024	Cloudy	Mid-Ebb	Moderate	В	7	10:11:00 AM	8.40	8.12	32.24	28.96	1.71	10.00	<0.1	<0.01
WSR03	15/08/2024	Cloudy	Mid-Ebb	Moderate	В	7	10:11:00 AM	8.48	8.14	32.27	28.95	1.74	10.00	<0.1	<0.01
WSR04	15/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	9:56:00 AM	8.29	8.15	33.01	29.23	2.01	3.00	<0.1	<0.01
WSR04	15/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	9:56:00 AM	8.34	8.13	33.03	29.24	2.09	6.00	<0.1	<0.01
WSR04	15/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	9:57:00 AM	8.27	8.14	32.96	29.24	2.08	17.00	<0.1	<0.01
WSR04	15/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	9:57:00 AM	8.29	8.16	32.97	29.23	2.11	18.00	<0.1	<0.01
WSR04	15/08/2024	Cloudy	Mid-Ebb	Moderate	В	6	9:58:00 AM	8.27	8.12	32.97	29.23	2.10	12.00	<0.1	<0.01
WSR04	15/08/2024	Cloudy	Mid-Ebb	Moderate	В	6	9:58:00 AM	8.29	8.17	32.98	29.19	2.15	11.00	<0.1	<0.01
WSR16	15/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	8:21:00 AM	8.24	8.17	31.59	28.87	1.83	19.00	<0.1	<0.01
WSR16	15/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	8:21:00 AM	8.25	8.22	31.59	28.93	1.81	18.00	<0.1	<0.01
WSR16	15/08/2024	Cloudy	Mid-Ebb	Moderate	М	8	8:22:00 AM	8.24	8.20	31.56	28.92	1.85	10.00	<0.1	<0.01
WSR16	15/08/2024	Cloudy	Mid-Ebb	Moderate	М	8	8:22:00 AM	8.26	8.21	31.56	28.93	1.84	7.00	<0.1	<0.01
WSR16	15/08/2024	Cloudy	Mid-Ebb	Moderate	В	16	8:23:00 AM	8.20	8.17	31.59	28.87	1.82	11.00	<0.1	<0.01
WSR16	15/08/2024	Cloudy	Mid-Ebb	Moderate	В	16	8:23:00 AM	8.21	8.17	31.58	28.92	1.82	14.00	<0.1	<0.01

5988         1989         Many         Many         10         1,000         100         10         100	Location	Date	Weather	Tide	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp ((°C)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L)	Total Residual Chlorine (mg/L)
Part							1									
Marie   Marcel   Marie   Mar	WSR33	15/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	9:39:00 AM	8.83	8.32	33.06	28.95	1.86	8.00	<0.1	<0.01
March   Marc	WSR33	15/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	9:40:00 AM	8.85	8.33	33.12	28.96	1.83	13.00	<0.1	<0.01
Post	WSR33	15/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	9:40:00 AM	8.83	8.31	33.15	28.95	1.87	12.00	<0.1	<0.01
Part	WSR33	15/08/2024	Cloudy	Mid-Ebb	Moderate	В	6	9:41:00 AM	8.81	8.35	33.11	28.95	1.86	10.00	<0.1	<0.01
March   Marc	WSR33	15/08/2024	Cloudy	Mid-Ebb	Moderate	В	6	9:41:00 AM	8.83	8.31	33.15	28.97	1.83	11.00	<0.1	<0.01
Policy   Conference   No.   Co	WSR36	15/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	9:23:00 AM	8.57	8.31	32.05	29.08	2.14	8.00	<0.1	<0.01
Marie   15 mar/1947   Greek   Mid Sale   Moorate   N   4   Marie   16   42   42   42   42   42   42   42   4	WSR36	15/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	9:23:00 AM	8.60	8.34	32.09	29.08	2.12	8.00	<0.1	<0.01
Variety   15/49/2025   Clumby   Mile Set   Moderne   1	WSR36	15/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	9:24:00 AM	8.62	8.34	32.05	29.07	2.14	10.00	<0.1	<0.01
Market   15-04/2004   Cloudy   Marketh   Moderate   B   0   9-4-100 Art   642   B.2   12-20   2-04   2-14   2-14   2-14   2-14   3-14	WSR36	15/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	9:24:00 AM	8.62	8.34	32.05	29.07	2.11	10.00	<0.1	<0.01
Wilson   Wilson   Wilson   Wilson   Wilson   Wilson   S   1   Wilson   Wi	WSR36	15/08/2024	Cloudy	Mid-Ebb	Moderate	В	6	9:24:00 AM	8.53	8.30	32.02	29.05	2.12	23.00	<0.1	<0.01
NSSST 15/08/2024 Condy Mail Bib Malerate S I 1 91/90 AM 090 020 31.95 2006 225 11.00 401 001 001 001 001 001 001 001 001 0	WSR36	15/08/2024	Cloudy	Mid-Ebb	Moderate	В	6	9:24:00 AM	8.62	8.32	32.07	29.04	2.14	22.00	<0.1	<0.01
NSBST   15/08/2024   Cloudy   Mal-869   Moderate   M	WSR37	15/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	9:17:00 AM	9.08	8.29	31.91	28.93	2.09	15.00	<0.1	<0.01
WS637   15/88/2024   Cloudy   Mid-Fab   Moderance   M	WSR37	15/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	9:17:00 AM	8.98	8.28	31.95	28.96	2.05	13.00	<0.1	<0.01
NSB37   15/08/2024   Cloudy   Mid-bbb   Moderate   B   7   9/19/08 AM   9/4   8/29   319/6   28/91   2.09   11/00   9/11   4/18/18/2024   Cloudy   Mid-bbb   Moderate   B   7   9/19/08 AM   9/91   8/28   319/2   28/93   2.07   11/00   9/11   4/18/18/2024   Cloudy   Mid-bbb   Moderate   S   1   8/45/08 AM   7/32   8/22   32/50   28/06   1.56   1.00   9/11   4/18/18/2024   Cloudy   Mid-bbb   Moderate   S   1   8/45/08 AM   7/32   8/24   3/250   28/08   1.43   1.000   9/11   4/18/18/2024   Cloudy   Mid-bbb   Moderate   M   7   8/46/08 AM   7/34   8/25   3/254   28/08   1.63   1.000   9/11   4/18/18/2024   Cloudy   Mid-bbb   Moderate   M   7   8/46/08 AM   7/34   8/25   3/254   28/08   1.63   1.000   9/11   4/18/18/2024   Cloudy   Mid-bbb   Moderate   M   7   8/46/08 AM   7/34   8/25   3/254   28/08   1.63   1.000   9/11   4/18/18/2024   Cloudy   Mid-bbb   Moderate   M   7   8/46/08 AM   7/34   8/25   3/254   28/07   1.39   7/10   9/11   4/18/18/2024   Cloudy   Mid-bbb   Moderate   B   1/3   8/47/08 AM   7/34   8/22   3/254   28/37   1.39   7/10   9/11   4/18/18/2024   Cloudy   Mid-bbb   Moderate   B   1/3   8/47/08 AM   7/34   8/22   3/254   28/37   1.39   7/10   9/11   4/18/18/2024   Cloudy   Mid-bbb   Moderate   B   1/3   8/47/08 AM   7/34   8/22   3/254   28/37   1.39   7/10   9/11   4/18/18/2024   Cloudy   Mid-bbb   Moderate   S   1   9/12/08 AM   8/47   8/22   3/254   28/39   1.57   7/10   9/11   4/18/18/2024   Cloudy   Mid-bbb   Moderate   S   1   9/12/08 AM   8/48   8/22   3/146   28/94   1.64   2/101   4/11   4/18/18/2024   Cloudy   Mid-bbb   Moderate   S   1   9/12/08 AM   8/48   8/22   3/146   28/94   1.64   2/101   4/11   4/	WSR37	15/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	9:18:00 AM	9.02	8.32	31.92	28.94	2.10	20.00	<0.1	<0.01
WS837   15/08/2024   Cloudy   Mid Fish   Moderate   B   7   9:1900 AM   9.01   8.28   31.92   28.93   2.07   11.00   4.01   4.01   4.01	WSR37	15/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	9:18:00 AM	9.09	8.30	31.89	28.96	2.10	13.00	<0.1	<0.01
NF1   15/08/20124   Cloudy   Mid-Ebb   Moderate   S   1   84500 AM   7.92   8.22   3.250   28.76   1.56   9.00   -0.1   -0.01   -0.01	WSR37	15/08/2024	Cloudy	Mid-Ebb	Moderate	В	7	9:19:00 AM	9.04	8.29	31.96	28.91	2.09	11.00	<0.1	<0.01
NF1 15/08/2024 Cloudy Mid-Ebb Moderate S 1 845:00 AM 7.92 8.24 32.50 28.00 1.43 10.00 <0.01 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <	WSR37	15/08/2024	Cloudy	Mid-Ebb	Moderate	В	7	9:19:00 AM	9.01	8.28	31.92	28.93	2.07	11.00	<0.1	<0.01
NFI 15/08/2024 Cloudy Mid-Ebb Moderate M 7 8.46600 AM 7.94 8.25 3.254 28.78 1.63 1.00 <0.1 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01	NF1	15/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	8:45:00 AM	7.92	8.22	32.50	28.76	1.56	9.00	<0.1	<0.01
NF1 15/08/2024 Cloudy Mid-Ebb Moderate M 7 846:00 AM 7.93 8.25 32.48 28.2 1.45 11.00 <0.1 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01	NF1	15/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	8:45:00 AM	7.92	8.24	32.50	28.80	1.43	10.00	<0.1	<0.01
NF1 15/08/2024 Cloudy Mid-Ebb Moderate B 13 8:47:00 AM 7.94 8.22 32.54 28.77 1.59 7.00 <0.1 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.0	NF1	15/08/2024	Cloudy	Mid-Ebb	Moderate	М	7	8:46:00 AM	7.94	8.25	32.54	28.78	1.63	10.00	<0.1	<0.01
NF1 15/08/2024 Cloudy Mid-Ebb Moderate B 13 8:47:00 AM 7.89 8.22 32.54 28.79 1.57 7.00 <0.1 <0.0000 <0.1 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.00	NF1	15/08/2024	Cloudy	Mid-Ebb	Moderate	М	7	8:46:00 AM	7.93	8.25	32.48	28.82	1.45	11.00	<0.1	<0.01
NF2         15/08/2024         Cloudy         Mid-Ebb         Moderate         S         1         9:02:00 AM         8.37         8.22         31.46         28.99         1.64         21.00         <0.1         <0.01           NF2         15/08/2024         Cloudy         Mid-Ebb         Moderate         S         1         9:02:00 AM         8.48         8.22         31.43         29.01         1.60         20.00         <0.1         <0.01           NF2         15/08/2024         Cloudy         Mid-Ebb         Moderate         M         5         9:03:00 AM         8.41         8.20         31.44         29.00         1.63         15.00         <0.1         <0.01           NF2         15/08/2024         Cloudy         Mid-Ebb         Moderate         M         5         9:03:00 AM         8.41         8.20         31.49         29.01         1.63         13:00         <0.1         <0.01           NF2         15/08/2024         Cloudy         Mid-Ebb         Moderate         B         9         9:04:00 AM         8.41         8.20         31.52         29.03         1.60         9:00         <0.1         <0.01	NF1	15/08/2024	Cloudy	Mid-Ebb	Moderate	В	13	8:47:00 AM	7.94	8.22	32.54	28.77	1.59	7.00	<0.1	<0.01
NF2 15/08/2024 Cloudy Mid-Ebb Moderate S 1 9:02:00 AM 8.48 8.22 31.43 29.01 1.60 20.00 <0.1 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.0	NF1	15/08/2024	Cloudy	Mid-Ebb	Moderate	В	13	8:47:00 AM	7.89	8.22	32.54	28.79	1.57	7.00	<0.1	<0.01
NF2 15/08/2024 Cloudy Mid-Ebb Moderate M 5 9:03:00 AM 8.41 8.20 31.44 29.00 1.63 15.00 <0.1 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.0	NF2	15/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	9:02:00 AM	8.37	8.22	31.46	28.99	1.64	21.00	<0.1	<0.01
NF2 15/08/2024 Cloudy Mid-Ebb Moderate M 5 9:03:00 AM 8.39 8.20 31.49 29.01 1.63 13.00 <0.1 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.0	NF2	15/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	9:02:00 AM	8.48	8.22	31.43	29.01	1.60	20.00	<0.1	<0.01
NF2 15/08/2024 Cloudy Mid-Ebb Moderate B 9 9:04:00 AM 8.41 8.20 31.52 29.03 1.60 9.00 <0.1 <0.01	NF2	15/08/2024	Cloudy	Mid-Ebb	Moderate	М	5	9:03:00 AM	8.41	8.20	31.44	29.00	1.63	15.00	<0.1	<0.01
	NF2	15/08/2024	Cloudy	Mid-Ebb	Moderate	М	5	9:03:00 AM	8.39	8.20	31.49	29.01	1.63	13.00	<0.1	<0.01
NF2 15/08/2024 Cloudy Mid-Ebb Moderate B 9 9:04:00 AM 8.41 8.21 31.44 29.01 1.61 9.00 <0.1 <0.01	NF2	15/08/2024	Cloudy	Mid-Ebb	Moderate	В	9	9:04:00 AM	8.41	8.20	31.52	29.03	1.60	9.00	<0.1	<0.01
	NF2	15/08/2024	Cloudy	Mid-Ebb	Moderate	В	9	9:04:00 AM	8.41	8.21	31.44	29.01	1.61	9.00	<0.1	<0.01

Location	Date	Weather	Tide	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	pН	Sal (ppt)	Temp ((°C)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L)	Total Residual Chlorine (mg/L)
NF3	15/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	9:10:00 AM	8.18	8.34	31.48	28.76	1.31	19.00	<0.1	<0.01
NF3	15/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	9:10:00 AM	8.26	8.30	31.52	28.77	1.49	18.00	<0.1	<0.01
NF3	15/08/2024	Cloudy	Mid-Ebb	Moderate	М	6	9:11:00 AM	8.16	8.30	31.45	28.74	1.34	8.00	<0.1	<0.01
NF3	15/08/2024	Cloudy	Mid-Ebb	Moderate	М	6	9:11:00 AM	8.27	8.34	31.45	28.73	1.55	8.00	<0.1	<0.01
NF3	15/08/2024	Cloudy	Mid-Ebb	Moderate	В	11	9:12:00 AM	8.25	8.35	31.49	28.78	1.32	10.00	<0.1	<0.01
NF3	15/08/2024	Cloudy	Mid-Ebb	Moderate	В	11	9:12:00 AM	8.25	8.30	31.52	28.73	1.32	8.00	<0.1	<0.01
CE	17/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	8:30:00 AM	9.15	8.30	31.65	29.35	2.69	2.50	<0.1	<0.01
CE	17/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	8:30:00 AM	9.05	8.28	31.64	29.37	2.71	4.00	<0.1	<0.01
CE	17/08/2024	Cloudy	Mid-Ebb	Moderate	М	11	8:31:00 AM	9.10	8.30	31.61	29.40	2.72	2.50	<0.1	<0.01
CE	17/08/2024	Cloudy	Mid-Ebb	Moderate	М	11	8:31:00 AM	9.01	8.31	31.59	29.43	2.70	4.00	<0.1	<0.01
CE	17/08/2024	Cloudy	Mid-Ebb	Moderate	В	21	8:32:00 AM	8.99	8.28	31.57	29.34	2.65	4.00	<0.1	<0.01
CE	17/08/2024	Cloudy	Mid-Ebb	Moderate	В	21	8:32:00 AM	9.06	8.28	31.58	29.40	2.68	5.00	<0.1	<0.01
CF	17/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	11:56:00 AM	8.51	8.27	31.63	29.47	2.46	4.00	<0.1	<0.01
CF	17/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	11:56:00 AM	8.41	8.31	31.70	29.44	2.41	4.00	<0.1	<0.01
CF	17/08/2024	Cloudy	Mid-Ebb	Moderate	М	10	11:57:00 AM	8.48	8.29	31.71	29.52	2.37	4.00	<0.1	<0.01
CF	17/08/2024	Cloudy	Mid-Ebb	Moderate	М	10	11:57:00 AM	8.55	8.31	31.68	29.47	2.32	5.00	<0.1	<0.01
CF	17/08/2024	Cloudy	Mid-Ebb	Moderate	В	19	11:58:00 AM	8.48	8.29	31.71	29.50	2.28	3.00	<0.1	<0.01
CF	17/08/2024	Cloudy	Mid-Ebb	Moderate	В	19	11:58:00 AM	8.37	8.28	31.70	29.43	2.39	4.00	<0.1	<0.01
WSR01	17/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	11:27:00 AM	8.67	8.11	32.19	29.51	1.65	3.00	<0.1	<0.01
WSR01	17/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	11:27:00 AM	8.57	8.14	32.20	29.54	1.63	5.00	<0.1	<0.01
WSR01	17/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	11:28:00 AM	8.62	8.14	32.10	29.55	1.67	5.00	<0.1	<0.01
WSR01	17/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	11:28:00 AM	8.70	8.13	32.09	29.58	1.70	3.00	<0.1	<0.01
WSR01	17/08/2024	Cloudy	Mid-Ebb	Moderate	В	7	11:29:00 AM	8.65	8.10	32.14	29.53	1.68	5.00	<0.1	<0.01
WSR01	17/08/2024	Cloudy	Mid-Ebb	Moderate	В	7	11:29:00 AM	8.73	8.14	32.17	29.56	1.64	3.00	<0.1	<0.01
WSR02	17/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	11:03:00 AM	9.11	8.31	32.11	29.49	1.55	4.00	<0.1	<0.01
WSR02	17/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	11:03:00 AM	9.14	8.28	32.19	29.47	1.53	2.50	<0.1	<0.01
WSR02	17/08/2024	Cloudy	Mid-Ebb	Moderate	М	5	11:04:00 AM	9.07	8.27	32.23	29.49	1.52	4.00	<0.1	<0.01
WSR02	17/08/2024	Cloudy	Mid-Ebb	Moderate	М	5	11:04:00 AM	9.08	8.30	32.18	29.46	1.51	5.00	<0.1	<0.01
WSR02	17/08/2024	Cloudy	Mid-Ebb	Moderate	В	9	11:05:00 AM	9.12	8.29	32.18	29.45	1.48	4.00	<0.1	<0.01
WSR02	17/08/2024	Cloudy	Mid-Ebb	Moderate	В	9	11:05:00 AM	9.01	8.29	32.22	29.43	1.49	5.00	<0.1	<0.01

Marke   Mark	Location	Date	Weather	Tide	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp ((°C)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L)	Total Residual Chlorine (mg/L)
March   Marc							1									
March   Marc	WSR03	17/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	10:43:00 AM	9.23	8.19	31.41	29.33	1.78	6.00	<0.1	<0.01
1988   1989	WSR03	17/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	10:44:00 AM	9.19	8.22	31.47	29.38	1.80	5.00	<0.1	<0.01
88313         179/2004         Class         Made         Mode         1         1246 (14)         1246 (14)         1241 (14) <t< td=""><td>WSR03</td><td>17/08/2024</td><td>Cloudy</td><td>Mid-Ebb</td><td>Moderate</td><td>М</td><td>4</td><td>10:44:00 AM</td><td>9.23</td><td>8.18</td><td>31.42</td><td>29.35</td><td>1.76</td><td>4.00</td><td>&lt;0.1</td><td>&lt;0.01</td></t<>	WSR03	17/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	10:44:00 AM	9.23	8.18	31.42	29.35	1.76	4.00	<0.1	<0.01
Poster   P	WSR03	17/08/2024	Cloudy	Mid-Ebb	Moderate	В	7	10:45:00 AM	9.21	8.20	31.50	29.36	1.83	3.00	<0.1	<0.01
Marie   Mari	WSR03	17/08/2024	Cloudy	Mid-Ebb	Moderate	В	7	10:45:00 AM	9.26	8.18	31.51	29.37	1.78	3.00	<0.1	<0.01
Part	WSR04	17/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	10:28:00 AM	8.56	8.23	32.32	29.37	1.72	3.00	<0.1	<0.01
March   17/98/2012   10.000   Mail Ball   Moderate   Mi   Mile   Moderate   Mi   Mile   Moderate   Mile   Mile   Moderate   Mile   Mi	WSR04	17/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	10:28:00 AM	8.58	8.24	32.31	29.39	1.75	3.00	<0.1	<0.01
Widels   17/88/2022   Cooky   Mid-Sc   Mid-Sc   Mid-Sc   R	WSR04	17/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	10:29:00 AM	8.66	8.25	32.26	29.44	1.74	4.00	<0.1	<0.01
March   1789/2014   1866/y   Made Flat   S.   1   S.   S.   1   S.   S.   1   S.   S.	WSR04	17/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	10:29:00 AM	8.58	8.26	32.28	29.39	1.71	3.00	<0.1	<0.01
Ministrate   1788  178	WSR04	17/08/2024	Cloudy	Mid-Ebb	Moderate	В	6	10:30:00 AM	8.56	8.26	32.35	29.42	1.70	3.00	<0.1	<0.01
WSRIG   17/08/2024   Cloudy   Mid-Bib   Maderate   S   1   8.510 AM   9.42   8.30   11.01   2416   178   2.01   4.01   4.00   4.00   4.01   4.00   4.00   4.01   4.00	WSR04	17/08/2024	Cloudy	Mid-Ebb	Moderate	В	6	10:30:00 AM	8.67	8.24	32.31	29.43	1.75	3.00	<0.1	<0.01
WSR16   17/01/2024   Cloudy   Mid-Bib   Moderate   M	WSR16	17/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	8:53:00 AM	9.42	8.30	31.12	29.14	1.83	3.00	<0.1	<0.01
Wideling	WSR16	17/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	8:53:00 AM	9.32	8.30	31.03	29.16	1.78	2.50	<0.1	<0.01
WSR16   17/86/2024   Cloudy   Mid-Rbb   Moderance   R	WSR16	17/08/2024	Cloudy	Mid-Ebb	Moderate	М	8	8:54:00 AM	9.43	8.31	31.10	29.21	1.80	4.00	<0.1	<0.01
WSR16         17/08/2024         Cloudy         Mid-Ebb         Moderate         B         14         8550 0 AM         9.40         8.30         31.08         29.20         1.78         3.00         -0.1         -0.01           WSR13         17/08/2024         Cloudy         Mid-Ebb         Moderate         S         1         10.1000 AM         8.52         8.15         31.60         29.28         1.53         4.00         -0.1         -0.01           WSR13         17/08/2024         Cloudy         Mid-Ebb         Moderate         S         1         10.1000 AM         8.52         8.15         31.53         29.28         1.53         4.00         -0.1         -0.01           WSR33         17/08/2024         Cloudy         Mid-Ebb         Moderate         M         4         10.1100 AM         8.50         8.16         31.66         29.28         1.52         3.00         -0.1         -0.01           WSR33         17/08/2024         Cloudy         Mid-Ebb         Moderate         B         7         10.1200 AM         8.57         8.17         31.66         29.28         1.56         3.00         -0.1         -0.01           WSR36         17/08/2024         Cloudy <t< td=""><td>WSR16</td><td>17/08/2024</td><td>Cloudy</td><td>Mid-Ebb</td><td>Moderate</td><td>М</td><td>8</td><td>8:54:00 AM</td><td>9.34</td><td>8.32</td><td>31.06</td><td>29.20</td><td>1.75</td><td>4.00</td><td>&lt;0.1</td><td>&lt;0.01</td></t<>	WSR16	17/08/2024	Cloudy	Mid-Ebb	Moderate	М	8	8:54:00 AM	9.34	8.32	31.06	29.20	1.75	4.00	<0.1	<0.01
WSR33         17/08/2024         Cloudy         Mid-libb         Moderate         8         1         10/10/00 AM         8.52         8.15         31.60         29.20         1.53         4.00         40.1         40.21           WSR33         17/08/2024         Cloudy         Mid-Ebb         Moderate         8         1         10/10/00 AM         8.61         8.15         31.53         29.32         1.49         6.00         40.1         40.01           WSR33         17/08/2024         Cloudy         Mid-Ebb         Moderate         M         4         10/1100 AM         8.60         81.6         31.60         29.28         1.52         30.0         40.1         40.01           WSR33         17/08/2024         Cloudy         Mid-Ebb         Moderate         M         4         10/1100 AM         8.6         8.17         31.60         29.29         1.51         6.00         40.1         40.01           WSR33         17/08/2024         Cloudy         Mid-Ebb         Moderate         B         7         10/12/00 AM         8.57         8.17         31.60         29.28         1.56         3.00         40.1         40.01           WSR36         17/08/2024         Cloudy	WSR16	17/08/2024	Cloudy	Mid-Ebb	Moderate	В	14	8:55:00 AM	9.29	8.30	31.07	29.21	1.83	5.00	<0.1	<0.01
WSR33         17/88/2024         Cloudy         Mid-Elbb         Moderate         S         1         10:10:00 AM         8.61         8.15         31:53         29:32         1.49         6.00         <0.1         <0.01           WSR33         17/88/2024         Cloudy         Mid-Elbb         Moderate         M         4         10:11:00 AM         8.60         8.16         31:66         29:28         152         3.00         <0.1         <0.01           WSR33         17/08/2024         Cloudy         Mid-Elbb         Moderate         M         4         10:11:00 AM         8.60         8.17         31:66         29:29         151         6.00         <0.1         <0.01           WSR33         17/08/2024         Cloudy         Mid-Elbb         Moderate         B         7         10:12:00 AM         8.57         8.17         31:50         29:28         1.56         3.00         <0.1         <0.01           WSR33         17/08/2024         Cloudy         Mid-Elbb         Moderate         B         7         10:12:00 AM         8.57         8.15         31:52         29:32         153         7.00         <0.1         <0.01           WSR36         17/08/2024         Cloudy	WSR16	17/08/2024	Cloudy	Mid-Ebb	Moderate	В	14	8:55:00 AM	9.40	8.30	31.08	29.20	1.78	3.00	<0.1	<0.01
WSR33         17/08/2024         Cloudy         Mid-Ebb         Moderate         M         4         10-11-00 AM         8.50         8.16         31.66         29.28         1.52         3.00         <1.1         <0.01           WSR33         17/08/2024         Cloudy         Mid-Ebb         Moderate         M         4         10-11-00 AM         8.40         8.17         31.66         29.29         1.51         6.00         <0.1	WSR33	17/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	10:10:00 AM	8.52	8.15	31.60	29.28	1.53	4.00	<0.1	<0.01
WSR33         17/08/2024         Cloudy         Mid-Ebb         Moderate         M         4         10:11:00 AM         8.46         8.17         31.66         29.29         1.51         6.00         <0.1         <0.01           WSR33         17/08/2024         Cloudy         Mid-Ebb         Moderate         B         7         10:12:00 AM         8.57         8.17         31.60         29.29         1.56         3.00         <0.1         <0.01           WSR33         17/08/2024         Cloudy         Mid-Ebb         Moderate         B         7         10:12:00 AM         8.57         8.15         31.52         29.32         1.53         7.00         <0.1         <0.01           WSR36         17/08/2024         Cloudy         Mid-Ebb         Moderate         S         1         954:00 AM         8.27         8.29         32.35         29.58         1.71         4.00         <0.1         <0.01           WSR36         17/08/2024         Cloudy         Mid-Ebb         Moderate         S         1         954:00 AM         8.20         8.29         32.39         29.56         1.74         4.00         <0.1         <0.01           WSR36         17/08/2024         Cloudy         <	WSR33	17/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	10:10:00 AM	8.61	8.15	31.53	29.32	1.49	6.00	<0.1	<0.01
WSR33         17/08/2024         Cloudy         Mid-Ebb         Moderate         B         7         10:12:00 AM         8.57         8.17         31:60         29:28         1.56         3.00         <0.1         <0.01           WSR33         17/08/2024         Cloudy         Mid-Ebb         Moderate         B         7         10:12:00 AM         8.55         8.15         31:52         29:32         1.53         7.00         <0.1         <0.01           WSR36         17/08/2024         Cloudy         Mid-Ebb         Moderate         S         1         9:54:00 AM         8.27         8.29         32.35         29:58         1.71         4.00         <0.1         <0.01           WSR36         17/08/2024         Cloudy         Mid-Ebb         Moderate         S         1         9:54:00 AM         8.20         8.29         32.35         29:56         1.74         4.00         <0.1         <0.01           WSR36         17/08/2024         Cloudy         Mid-Ebb         Moderate         M         3         9:55:00 AM         8.29         8.28         32.36         29.49         1.74         4.00         <0.1         <0.01           WSR36         17/08/2024         Cloudy	WSR33	17/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	10:11:00 AM	8.50	8.16	31.66	29.28	1.52	3.00	<0.1	<0.01
WSR33         17/08/2024         Cloudy         Mid-Ebb         Moderate         B         7         10:12:00 AM         8.55         8.15         31.52         29.32         1.53         7.00         <0.1         <0.01           WSR36         17/08/2024         Cloudy         Mid-Ebb         Moderate         S         1         9:54:00 AM         8.27         8.29         32.35         29.58         1.71         4.00         <0.1         <0.01           WSR36         17/08/2024         Cloudy         Mid-Ebb         Moderate         S         1         9:54:00 AM         8.20         8.29         32.35         29.56         1.74         4.00         <0.1         <0.01           WSR36         17/08/2024         Cloudy         Mid-Ebb         Moderate         M         3         9:55:00 AM         8.16         8.32         32.45         29.56         1.67         4.00         <0.1         <0.01           WSR36         17/08/2024         Cloudy         Mid-Ebb         Moderate         B         6         9:55:00 AM         8.30         8.31         32.43         29.57         1.73         4.00         <0.1         <0.01           WSR36         17/08/2024         Cloudy         <	WSR33	17/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	10:11:00 AM	8.46	8.17	31.66	29.29	1.51	6.00	<0.1	<0.01
WSR36         17/08/2024         Cloudy         Mid-Ebb         Moderate         S         1         9:54:00 AM         8.27         8.29         32.35         29.58         1.71         4.00         <0.1         <0.01           WSR36         17/08/2024         Cloudy         Mid-Ebb         Moderate         S         1         9:54:00 AM         8.20         8.29         32.39         29.56         1.74         4.00         <0.1         <0.01           WSR36         17/08/2024         Cloudy         Mid-Ebb         Moderate         M         3         9:55:00 AM         8.29         8.28         32.36         29.56         1.67         4.00         <0.1         <0.01           WSR36         17/08/2024         Cloudy         Mid-Ebb         Moderate         M         3         9:55:00 AM         8.29         8.28         32.36         29.49         1.74         9.00         <0.1         <0.01           WSR36         17/08/2024         Cloudy         Mid-Ebb         Moderate         B         6         9:55:00 AM         8.30         8.31         32.43         29.57         1.73         4.00         <0.1         <0.01	WSR33	17/08/2024	Cloudy	Mid-Ebb	Moderate	В	7	10:12:00 AM	8.57	8.17	31.60	29.28	1.56	3.00	<0.1	<0.01
WSR36         17/08/2024         Cloudy         Mid-Ebb         Moderate         S         1         9:54:00 AM         8.20         8.29         32.39         29.56         1.74         4.00         <0.1         <0.01           WSR36         17/08/2024         Cloudy         Mid-Ebb         Moderate         M         3         9:55:00 AM         8.16         8.32         32.45         29.56         1.67         4.00         <0.1         <0.01           WSR36         17/08/2024         Cloudy         Mid-Ebb         Moderate         M         3         9:55:00 AM         8.29         8.28         32.36         29.49         1.74         9.00         <0.1         <0.01           WSR36         17/08/2024         Cloudy         Mid-Ebb         Moderate         B         6         9:55:00 AM         8.30         8.31         32.43         29.57         1.73         4.00         <0.1         <0.01	WSR33	17/08/2024	Cloudy	Mid-Ebb	Moderate	В	7	10:12:00 AM	8.55	8.15	31.52	29.32	1.53	7.00	<0.1	<0.01
WSR36         17/08/2024         Cloudy         Mid-Ebb         Moderate         M         3         9:55:00 AM         8.16         8.32         32.45         29.56         1.67         4.00         <0.1         <0.01           WSR36         17/08/2024         Cloudy         Mid-Ebb         Moderate         M         3         9:55:00 AM         8.29         8.28         32.36         29.49         1.74         9.00         <0.1         <0.01           WSR36         17/08/2024         Cloudy         Mid-Ebb         Moderate         B         6         9:55:00 AM         8.30         8.31         32.43         29.57         1.73         4.00         <0.1         <0.01	WSR36	17/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	9:54:00 AM	8.27	8.29	32.35	29.58	1.71	4.00	<0.1	<0.01
WSR36 17/08/2024 Cloudy Mid-Ebb Moderate M 3 9:55:00 AM 8.29 8.28 32.36 29.49 1.74 9.00 <0.1 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.	WSR36	17/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	9:54:00 AM	8.20	8.29	32.39	29.56	1.74	4.00	<0.1	<0.01
WSR36 17/08/2024 Cloudy Mid-Ebb Moderate B 6 9:55:00 AM 8.30 8.31 32.43 29.57 1.73 4.00 <0.1 <0.01	WSR36	17/08/2024	Cloudy	Mid-Ebb	Moderate	М	3	9:55:00 AM	8.16	8.32	32.45	29.56	1.67	4.00	<0.1	<0.01
	WSR36	17/08/2024	Cloudy	Mid-Ebb	Moderate	М	3	9:55:00 AM	8.29	8.28	32.36	29.49	1.74	9.00	<0.1	<0.01
WSR36 17/08/2024 Cloudy Mid-Ebb Moderate B 6 9:55:00 AM 8.15 8.30 32.46 29.51 1.69 4.00 <0.1 <0.01	WSR36	17/08/2024	Cloudy	Mid-Ebb	Moderate	В	6	9:55:00 AM	8.30	8.31	32.43	29.57	1.73	4.00	<0.1	<0.01
	WSR36	17/08/2024	Cloudy	Mid-Ebb	Moderate	В	6	9:55:00 AM	8.15	8.30	32.46	29.51	1.69	4.00	<0.1	<0.01

Location		Weather	Tide	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp ((°C)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L)	Total Residual Chlorine (mg/L)
WSR37	17/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	9:47:00 AM	8.38	8.29	31.77	29.43	1.93	4.00	<0.1	<0.01
WSR37	17/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	9:47:00 AM	8.42	8.30	31.80	29.48	1.88	4.00	<0.1	<0.01
WSR37	17/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	9:48:00 AM	8.46	8.28	31.86	29.46	1.89	4.00	<0.1	<0.01
WSR37	17/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	9:48:00 AM	8.50	8.31	31.78	29.47	1.94	4.00	<0.1	<0.01
WSR37	17/08/2024	Cloudy	Mid-Ebb	Moderate	В	7	9:49:00 AM	8.47	8.31	31.86	29.40	1.99	5.00	<0.1	<0.01
WSR37	17/08/2024	Cloudy	Mid-Ebb	Moderate	В	7	9:49:00 AM	8.41	8.31	31.80	29.45	1.97	3.00	<0.1	<0.01
NF1	17/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	9:16:00 AM	8.78	8.07	31.79	29.67	1.95	3.00	<0.1	<0.01
NF1	17/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	9:16:00 AM	8.74	8.05	31.78	29.63	1.92	3.00	<0.1	<0.01
NF1	17/08/2024	Cloudy	Mid-Ebb	Moderate	М	7	9:17:00 AM	8.65	8.06	31.77	29.62	1.87	4.00	<0.1	<0.01
NF1	17/08/2024	Cloudy	Mid-Ebb	Moderate	М	7	9:17:00 AM	8.72	8.08	31.80	29.62	1.84	5.00	<0.1	<0.01
NF1	17/08/2024	Cloudy	Mid-Ebb	Moderate	В	13	9:18:00 AM	8.71	8.05	31.67	29.63	1.71	6.00	<0.1	<0.01
NF1	17/08/2024	Cloudy	Mid-Ebb	Moderate	В	13	9:18:00 AM	8.63	8.06	31.70	29.64	1.84	7.00	<0.1	<0.01
NF2	17/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	9:31:00 AM	8.42	8.17	31.64	29.34	1.89	5.00	<0.1	<0.01
NF2	17/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	9:31:00 AM	8.38	8.16	31.52	29.33	1.90	7.00	<0.1	<0.01
NF2	17/08/2024	Cloudy	Mid-Ebb	Moderate	М	5	9:32:00 AM	8.48	8.15	31.63	29.39	1.94	3.00	<0.1	<0.01
NF2	17/08/2024	Cloudy	Mid-Ebb	Moderate	М	5	9:32:00 AM	8.33	8.17	31.63	29.40	1.89	4.00	<0.1	<0.01
NF2	17/08/2024	Cloudy	Mid-Ebb	Moderate	В	10	9:33:00 AM	8.50	8.14	31.50	29.34	1.93	4.00	<0.1	<0.01
NF2	17/08/2024	Cloudy	Mid-Ebb	Moderate	В	10	9:33:00 AM	8.44	8.15	31.62	29.41	1.96	5.00	<0.1	<0.01
NF3	17/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	9:39:00 AM	8.67	8.31	31.96	29.26	1.94	5.00	<0.1	<0.01
NF3	17/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	9:39:00 AM	8.54	8.28	32.02	29.26	2.02	3.00	<0.1	<0.01
NF3	17/08/2024	Cloudy	Mid-Ebb	Moderate	М	6	9:40:00 AM	8.54	8.30	32.05	29.23	1.98	4.00	<0.1	<0.01
NF3	17/08/2024	Cloudy	Mid-Ebb	Moderate	М	6	9:40:00 AM	8.53	8.30	32.06	29.27	1.96	6.00	<0.1	<0.01
NF3	17/08/2024	Cloudy	Mid-Ebb	Moderate	В	11	9:41:00 AM	8.54	8.31	32.07	29.28	1.99	3.00	<0.1	<0.01
NF3	17/08/2024	Cloudy	Mid-Ebb	Moderate	В	11	9:41:00 AM	8.56	8.32	32.05	29.28	2.00	3.00	<0.1	<0.01
CE	19/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	10:00:00 AM	8.39	8.12	32.37	29.12	2.55	13.00	<0.1	<0.01
CE	19/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	10:00:00 AM	8.38	8.13	32.39	29.13	2.57	11.00	<0.1	<0.01
CE	19/08/2024	Cloudy	Mid-Ebb	Moderate	М	11	10:01:00 AM	8.30	8.11	32.30	29.12	2.52	10.00	<0.1	<0.01
CE	19/08/2024	Cloudy	Mid-Ebb	Moderate	М	11	10:01:00 AM	8.29	8.11	32.38	29.13	2.56	13.00	<0.1	<0.01
CE	19/08/2024	Cloudy	Mid-Ebb	Moderate	В	20	10:02:00 AM	8.39	8.14	32.39	29.10	2.53	10.00	<0.1	<0.01
CE	19/08/2024	Cloudy	Mid-Ebb	Moderate	В	20	10:02:00 AM	8.38	8.15	32.27	29.10	2.58	12.00	<0.1	<0.01

Location	Date	Weather	Tide	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp ((°C)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L)	Total Residual Chlorine (mg/L)
CF	19/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	1:15:00 PM	8.19	8.28	32.04	29.43	2.27	13.00	<0.1	<0.01
CF	19/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	1:15:00 PM	8.16	8.26	32.01	29.40	2.22	12.00	<0.1	<0.01
CF	19/08/2024	Cloudy	Mid-Ebb	Moderate	М	10	1:16:00 PM	8.15	8.26	32.03	29.40	2.24	13.00	<0.1	<0.01
CF	19/08/2024	Cloudy	Mid-Ebb	Moderate	М	10	1:16:00 PM	8.24	8.28	32.00	29.42	2.26	10.00	<0.1	<0.01
CF	19/08/2024	Cloudy	Mid-Ebb	Moderate	В	19	1:17:00 PM	8.17	8.29	32.00	29.45	2.31	8.00	<0.1	<0.01
CF	19/08/2024	Cloudy	Mid-Ebb	Moderate	В	19	1:17:00 PM	8.23	8.26	32.06	29.44	2.36	10.00	<0.1	<0.01
WSR01	19/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	12:50:00 PM	8.26	8.16	31.64	29.30	2.05	6.00	<0.1	<0.01
WSR01	19/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	12:50:00 PM	8.14	8.16	31.61	29.28	2.18	7.00	<0.1	<0.01
WSR01	19/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	12:51:00 PM	8.20	8.16	31.63	29.27	2.01	11.00	<0.1	<0.01
WSR01	19/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	12:51:00 PM	8.12	8.20	31.65	29.29	2.06	11.00	<0.1	<0.01
WSR01	19/08/2024	Cloudy	Mid-Ebb	Moderate	В	7	12:52:00 PM	8.25	8.18	31.54	29.27	2.19	12.00	<0.1	<0.01
WSR01	19/08/2024	Cloudy	Mid-Ebb	Moderate	В	7	12:52:00 PM	8.16	8.20	31.56	29.28	2.20	10.00	<0.1	<0.01
WSR02	19/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	12:31:00 PM	8.21	8.27	31.89	29.26	1.47	11.00	<0.1	<0.01
WSR02	19/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	12:31:00 PM	8.18	8.27	32.01	29.24	1.52	11.00	<0.1	<0.01
WSR02	19/08/2024	Cloudy	Mid-Ebb	Moderate	М	5	12:32:00 PM	8.21	8.28	31.94	29.25	1.45	5.00	<0.1	<0.01
WSR02	19/08/2024	Cloudy	Mid-Ebb	Moderate	М	5	12:32:00 PM	8.29	8.30	32.00	29.29	1.51	5.00	<0.1	<0.01
WSR02	19/08/2024	Cloudy	Mid-Ebb	Moderate	В	8	12:33:00 PM	8.26	8.29	32.02	29.26	1.47	3.00	<0.1	<0.01
WSR02	19/08/2024	Cloudy	Mid-Ebb	Moderate	В	8	12:33:00 PM	8.23	8.26	31.94	29.25	1.52	9.00	<0.1	<0.01
WSR03	19/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	12:14:00 PM	9.02	8.31	32.26	29.38	1.94	7.00	<0.1	<0.01
WSR03	19/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	12:14:00 PM	9.05	8.32	32.35	29.34	1.88	11.00	<0.1	<0.01
WSR03	19/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	12:15:00 PM	9.05	8.30	32.26	29.34	1.88	8.00	<0.1	<0.01
WSR03	19/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	12:15:00 PM	9.03	8.31	32.35	29.38	1.98	7.00	<0.1	<0.01
WSR03	19/08/2024	Cloudy	Mid-Ebb	Moderate	В	7	12:16:00 PM	9.08	8.31	32.33	29.37	1.95	8.00	<0.1	<0.01
WSR03	19/08/2024	Cloudy	Mid-Ebb	Moderate	В	7	12:16:00 PM	9.01	8.33	32.37	29.34	1.97	8.00	<0.1	<0.01
WSR04	19/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	12:00:00 PM	8.92	8.19	32.64	29.23	1.68	11.00	<0.1	<0.01
WSR04	19/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	12:00:00 PM	8.99	8.17	32.64	29.22	1.70	10.00	<0.1	<0.01
WSR04	19/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	12:01:00 PM	8.88	8.18	32.61	29.23	1.79	11.00	<0.1	<0.01
WSR04	19/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	12:01:00 PM	8.93	8.15	32.60	29.25	1.72	9.00	<0.1	<0.01
WSR04	19/08/2024	Cloudy	Mid-Ebb	Moderate	В	7	12:02:00 PM	8.88	8.17	32.59	29.26	1.79	7.00	<0.1	<0.01
WSR04	19/08/2024	Cloudy	Mid-Ebb	Moderate	В	7	12:02:00 PM	8.98	8.16	32.65	29.22	1.78	6.00	<0.1	<0.01

Location	Date	Weather	Tide	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp ((°C)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L)	Total Residual Chlorine (mg/L)
WSR16	19/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	10:24:00 AM	8.51	8.24	33.12	29.35	1.62	7.00	<0.1	<0.01
WSR16	19/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	10:24:00 AM	8.42	8.24	33.11	29.39	1.64	8.00	<0.1	<0.01
WSR16	19/08/2024	Cloudy	Mid-Ebb	Moderate	М	8	10:25:00 AM	8.43	8.27	33.00	29.37	1.60	10.00	<0.1	<0.01
WSR16	19/08/2024	Cloudy	Mid-Ebb	Moderate	М	8	10:25:00 AM	8.43	8.25	33.09	29.36	1.78	14.00	<0.1	<0.01
WSR16	19/08/2024	Cloudy	Mid-Ebb	Moderate	В	15	10:26:00 AM	8.38	8.24	33.03	29.35	1.77	13.00	<0.1	<0.01
WSR16	19/08/2024	Cloudy	Mid-Ebb	Moderate	В	15	10:26:00 AM	8.41	8.27	33.06	29.39	1.64	10.00	<0.1	<0.01
WSR33	19/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	11:43:00 AM	8.82	8.38	31.44	29.17	2.00	15.00	<0.1	<0.01
WSR33	19/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	11:43:00 AM	8.72	8.38	31.36	29.19	2.03	13.00	<0.1	<0.01
WSR33	19/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	11:44:00 AM	8.73	8.34	31.36	29.18	1.98	11.00	<0.1	<0.01
WSR33	19/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	11:44:00 AM	8.81	8.37	31.42	29.21	2.03	11.00	<0.1	<0.01
WSR33	19/08/2024	Cloudy	Mid-Ebb	Moderate	В	6	11:45:00 AM	8.74	8.36	31.40	29.18	1.98	9.00	<0.1	<0.01
WSR33	19/08/2024	Cloudy	Mid-Ebb	Moderate	В	6	11:45:00 AM	8.77	8.35	31.39	29.20	1.94	11.00	<0.1	<0.01
WSR36	19/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	11:27:00 AM	8.60	8.17	32.11	29.15	2.05	10.00	<0.1	<0.01
WSR36	19/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	11:27:00 AM	8.61	8.18	32.17	29.18	2.04	12.00	<0.1	<0.01
WSR36	19/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	11:28:00 AM	8.69	8.19	32.07	29.16	2.14	9.00	<0.1	<0.01
WSR36	19/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	11:28:00 AM	8.70	8.19	32.11	29.17	2.09	10.00	<0.1	<0.01
WSR36	19/08/2024	Cloudy	Mid-Ebb	Moderate	В	6	11:28:00 AM	8.66	8.19	32.14	29.17	2.11	4.00	<0.1	<0.01
WSR36	19/08/2024	Cloudy	Mid-Ebb	Moderate	В	6	11:28:00 AM	8.66	8.19	32.15	29.17	2.10	7.00	<0.1	<0.01
WSR37	19/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	11:21:00 AM	8.70	8.22	31.58	29.50	1.93	11.00	<0.1	<0.01
WSR37	19/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	11:21:00 AM	8.74	8.22	31.53	29.47	2.01	10.00	<0.1	<0.01
WSR37	19/08/2024	Cloudy	Mid-Ebb	Moderate	M	4	11:22:00 AM	8.77	8.22	31.61	29.48	1.98	9.00	<0.1	<0.01
WSR37	19/08/2024	Cloudy	Mid-Ebb	Moderate	М	4	11:22:00 AM	8.75	8.21	31.52	29.47	1.91	9.00	<0.1	<0.01
WSR37	19/08/2024	Cloudy	Mid-Ebb	Moderate	В	8	11:23:00 AM	8.76	8.22	31.57	29.47	1.97	10.00	<0.1	<0.01
WSR37	19/08/2024	Cloudy	Mid-Ebb	Moderate	В	8	11:23:00 AM	8.83	8.21	31.60	29.48	1.94	8.00	<0.1	<0.01
NF1	19/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	10:46:00 AM	8.66	8.29	32.45	29.24	2.21	5.00	<0.1	<0.01
NF1	19/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	10:46:00 AM	8.63	8.30	32.55	29.24	2.19	7.00	<0.1	<0.01
NF1	19/08/2024	Cloudy	Mid-Ebb	Moderate	М	7	10:47:00 AM	8.69	8.26	32.48	29.29	2.12	7.00	<0.1	<0.01
NF1	19/08/2024	Cloudy	Mid-Ebb	Moderate	М	7	10:47:00 AM	8.74	8.30	32.45	29.27	2.18	10.00	<0.1	<0.01
NF1	19/08/2024	Cloudy	Mid-Ebb	Moderate	В	13	10:48:00 AM	8.60	8.26	32.43	29.24	2.09	6.00	<0.1	<0.01
NF1	19/08/2024	Cloudy	Mid-Ebb	Moderate	В	13	10:48:00 AM	8.65	8.26	32.44	29.28	2.23	9.00	<0.1	<0.01

Location	Date	Weather	Tide	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp ((°C)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L)	Total Residual Chlorine (mg/L)
NF2	19/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	11:02:00 AM	8.70	8.37	32.51	29.47	1.85	9.00	<0.1	<0.01
NF2	19/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	11:02:00 AM	8.64	8.35	32.54	29.47	1.85	5.00	<0.1	<0.01
NF2	19/08/2024	Cloudy	Mid-Ebb	Moderate	М	5	11:03:00 AM	8.57	8.37	32.47	29.46	1.77	10.00	<0.1	<0.01
NF2	19/08/2024	Cloudy	Mid-Ebb	Moderate	М	5	11:03:00 AM	8.61	8.36	32.55	29.47	1.80	7.00	<0.1	<0.01
NF2	19/08/2024	Cloudy	Mid-Ebb	Moderate	В	10	11:04:00 AM	8.64	8.34	32.53	29.44	1.82	10.00	<0.1	<0.01
NF2	19/08/2024	Cloudy	Mid-Ebb	Moderate	В	10	11:04:00 AM	8.60	8.37	32.48	29.46	1.85	9.00	<0.1	<0.01
NF3	19/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	11:12:00 AM	9.03	8.26	31.97	29.23	2.01	9.00	<0.1	<0.01
NF3	19/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	11:12:00 AM	9.08	8.27	31.92	29.24	2.06	10.00	<0.1	<0.01
NF3	19/08/2024	Cloudy	Mid-Ebb	Moderate	М	6	11:13:00 AM	9.16	8.24	31.91	29.21	2.07	8.00	<0.1	<0.01
NF3	19/08/2024	Cloudy	Mid-Ebb	Moderate	М	6	11:13:00 AM	9.17	8.25	31.88	29.25	2.04	10.00	<0.1	<0.01
NF3	19/08/2024	Cloudy	Mid-Ebb	Moderate	В	12	11:14:00 AM	9.03	8.27	31.94	29.25	1.99	6.00	<0.1	<0.01
NF3	19/08/2024	Cloudy	Mid-Ebb	Moderate	В	12	11:14:00 AM	9.14	8.27	31.94	29.20	1.98	9.00	<0.1	<0.01
CE	21/08/2024	Cloudy	Mid-flood	Moderate	S	1	11:00:00 AM	8.28	8.09	32.14	28.79	2.41	3.00	<0.1	<0.01
CE	21/08/2024	Cloudy	Mid-flood	Moderate	S	1	11:00:00 AM	8.25	8.09	32.20	28.76	2.48	5.00	<0.1	<0.01
CE	21/08/2024	Cloudy	Mid-flood	Moderate	М	11	11:01:00 AM	8.34	8.07	32.16	28.79	2.57	6.00	<0.1	<0.01
CE	21/08/2024	Cloudy	Mid-flood	Moderate	М	11	11:01:00 AM	8.30	8.08	32.14	28.74	2.43	5.00	<0.1	<0.01
CE	21/08/2024	Cloudy	Mid-flood	Moderate	В	21	11:02:00 AM	8.31	8.09	32.18	28.76	2.49	3.00	<0.1	<0.01
CE	21/08/2024	Cloudy	Mid-flood	Moderate	В	21	11:02:00 AM	8.39	8.10	32.15	28.74	2.41	5.00	<0.1	<0.01
CF	21/08/2024	Cloudy	Mid-flood	Moderate	S	1	8:00:00 AM	8.93	8.10	32.44	28.57	2.85	2.50	<0.1	<0.01
CF	21/08/2024	Cloudy	Mid-flood	Moderate	S	1	8:00:00 AM	8.80	8.08	32.48	28.58	2.76	2.50	<0.1	<0.01
CF	21/08/2024	Cloudy	Mid-flood	Moderate	М	10	8:01:00 AM	8.82	8.09	32.48	28.57	2.70	2.50	<0.1	<0.01
CF	21/08/2024	Cloudy	Mid-flood	Moderate	М	10	8:01:00 AM	8.87	8.10	32.47	28.63	2.62	2.50	<0.1	<0.01
CF	21/08/2024	Cloudy	Mid-flood	Moderate	В	19	8:02:00 AM	8.80	8.08	32.44	28.57	2.65	4.00	<0.1	<0.01
CF	21/08/2024	Cloudy	Mid-flood	Moderate	В	19	8:02:00 AM	8.83	8.10	32.45	28.58	2.61	2.50	<0.1	<0.01
WSR01	21/08/2024	Cloudy	Mid-flood	Moderate	S	1	8:24:00 AM	8.08	8.09	32.53	28.76	1.25	2.50	<0.1	<0.01
WSR01	21/08/2024	Cloudy	Mid-flood	Moderate	S	1	8:24:00 AM	8.06	8.08	32.54	28.74	1.27	3.00	<0.1	<0.01
WSR01	21/08/2024	Cloudy	Mid-flood	Moderate	М	4	8:25:00 AM	8.19	8.08	32.58	28.78	1.25	3.00	<0.1	<0.01
WSR01	21/08/2024	Cloudy	Mid-flood	Moderate	М	4	8:25:00 AM	8.19	8.10	32.56	28.79	1.25	14.00	<0.1	<0.01
WSR01	21/08/2024	Cloudy	Mid-flood	Moderate	В	8	8:26:00 AM	8.20	8.09	32.52	28.78	1.22	3.00	<0.1	<0.01
WSR01	21/08/2024	Cloudy	Mid-flood	Moderate	В	8	8:26:00 AM	8.17	8.09	32.53	28.80	1.27	2.50	<0.1	<0.01

Location	Date	Weather	Tide	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp ((°C)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L)	Total Residual Chlorine (mg/L)
WSR02	21/08/2024	Cloudy	Mid-flood	Moderate	S	1	8:43:00 AM	8.95	8.38	32.42	28.78	2.01	4.00	<0.1	<0.01
WSR02	21/08/2024	Cloudy	Mid-flood	Moderate	S	1	8:43:00 AM	9.10	8.35	32.45	28.74	1.99	2.50	<0.1	<0.01
WSR02	21/08/2024	Cloudy	Mid-flood	Moderate	М	5	8:44:00 AM	8.99	8.35	32.43	28.72	2.01	3.00	<0.1	<0.01
WSR02	21/08/2024	Cloudy	Mid-flood	Moderate	М	5	8:44:00 AM	8.99	8.36	32.40	28.76	2.03	3.00	<0.1	<0.01
WSR02	21/08/2024	Cloudy	Mid-flood	Moderate	В	8	8:45:00 AM	9.08	8.38	32.48	28.75	1.98	2.50	<0.1	<0.01
WSR02	21/08/2024	Cloudy	Mid-flood	Moderate	В	8	8:45:00 AM	9.00	8.38	32.47	28.72	2.03	2.50	<0.1	<0.01
WSR03	21/08/2024	Cloudy	Mid-flood	Moderate	S	1	8:57:00 AM	8.08	8.30	31.80	28.74	1.30	2.50	<0.1	<0.01
WSR03	21/08/2024	Cloudy	Mid-flood	Moderate	S	1	8:57:00 AM	8.13	8.31	31.77	28.71	1.25	2.50	<0.1	<0.01
WSR03	21/08/2024	Cloudy	Mid-flood	Moderate	М	4	8:58:00 AM	8.13	8.31	31.80	28.69	1.28	2.50	<0.1	<0.01
WSR03	21/08/2024	Cloudy	Mid-flood	Moderate	М	4	8:58:00 AM	8.14	8.31	31.76	28.72	1.28	3.00	<0.1	<0.01
WSR03	21/08/2024	Cloudy	Mid-flood	Moderate	В	7	8:59:00 AM	8.08	8.31	31.78	28.69	1.28	2.50	<0.1	<0.01
WSR03	21/08/2024	Cloudy	Mid-flood	Moderate	В	7	8:59:00 AM	8.10	8.30	31.81	28.75	1.30	2.50	<0.1	<0.01
WSR04	21/08/2024	Cloudy	Mid-flood	Moderate	S	1	9:12:00 AM	8.42	8.14	31.53	28.72	2.15	2.50	<0.1	<0.01
WSR04	21/08/2024	Cloudy	Mid-flood	Moderate	S	1	9:12:00 AM	8.44	8.16	31.52	28.70	2.07	2.50	<0.1	<0.01
WSR04	21/08/2024	Cloudy	Mid-flood	Moderate	М	3	9:13:00 AM	8.47	8.14	31.54	28.68	2.12	2.50	<0.1	<0.01
WSR04	21/08/2024	Cloudy	Mid-flood	Moderate	М	3	9:13:00 AM	8.49	8.16	31.59	28.73	2.12	3.00	<0.1	<0.01
WSR04	21/08/2024	Cloudy	Mid-flood	Moderate	В	6	9:14:00 AM	8.34	8.17	31.57	28.67	2.07	2.50	<0.1	<0.01
WSR04	21/08/2024	Cloudy	Mid-flood	Moderate	В	6	9:14:00 AM	8.37	8.16	31.58	28.67	1.91	2.50	<0.1	<0.01
WSR16	21/08/2024	Cloudy	Mid-flood	Moderate	S	1	10:38:00 AM	9.00	8.23	32.96	28.89	1.73	2.50	<0.1	<0.01
WSR16	21/08/2024	Cloudy	Mid-flood	Moderate	S	1	10:38:00 AM	8.98	8.23	32.92	28.91	1.76	2.50	<0.1	<0.01
WSR16	21/08/2024	Cloudy	Mid-flood	Moderate	М	8	10:39:00 AM	8.87	8.26	32.98	28.95	1.72	3.00	<0.1	<0.01
WSR16	21/08/2024	Cloudy	Mid-flood	Moderate	М	8	10:39:00 AM	8.99	8.25	32.93	28.90	1.73	3.00	<0.1	<0.01
WSR16	21/08/2024	Cloudy	Mid-flood	Moderate	В	15	10:40:00 AM	8.92	8.26	32.98	28.96	1.71	2.50	<0.1	<0.01
WSR16	21/08/2024	Cloudy	Mid-flood	Moderate	В	15	10:40:00 AM	8.86	8.25	32.98	28.89	1.76	2.50	<0.1	<0.01
WSR33	21/08/2024	Cloudy	Mid-flood	Moderate	S	1	9:29:00 AM	7.94	8.20	31.88	28.63	2.00	2.50	<0.1	<0.01
WSR33	21/08/2024	Cloudy	Mid-flood	Moderate	S	1	9:29:00 AM	7.99	8.18	31.87	28.59	1.98	2.50	<0.1	<0.01
WSR33	21/08/2024	Cloudy	Mid-flood	Moderate	М	4	9:30:00 AM	7.95	8.20	31.85	28.59	2.03	2.50	<0.1	<0.01
WSR33	21/08/2024	Cloudy	Mid-flood	Moderate	М	4	9:30:00 AM	7.94	8.18	31.84	28.58	2.00	2.50	<0.1	<0.01
WSR33	21/08/2024	Cloudy	Mid-flood	Moderate	В	7	9:31:00 AM	8.06	8.19	31.92	28.58	1.97	2.50	<0.1	<0.01
WSR33	21/08/2024	Cloudy	Mid-flood	Moderate	В	7	9:31:00 AM	7.96	8.20	31.84	28.59	2.00	2.50	<0.1	<0.01

Location	Date	Weather	Tide	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp ((°C)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L)	Total Residual Chlorine (mg/L)
WSR36	21/08/2024	Cloudy	Mid-flood	Moderate	S	1	9:44:00 AM	8.35	8.22	33.11	28.66	1.48	2.50	<0.1	<0.01
WSR36	21/08/2024	Cloudy	Mid-flood	Moderate	S	1	9:44:00 AM	8.36	8.23	33.08	28.72	1.50	2.50	<0.1	<0.01
WSR36	21/08/2024	Cloudy	Mid-flood	Moderate	М	3	9:45:00 AM	8.30	8.25	33.07	28.66	1.50	2.50	<0.1	<0.01
WSR36	21/08/2024	Cloudy	Mid-flood	Moderate	М	3	9:45:00 AM	8.32	8.23	33.11	28.72	1.53	3.00	<0.1	<0.01
WSR36	21/08/2024	Cloudy	Mid-flood	Moderate	В	6	9:45:00 AM	8.37	8.22	33.10	28.65	1.50	3.00	<0.1	<0.01
WSR36	21/08/2024	Cloudy	Mid-flood	Moderate	В	6	9:45:00 AM	8.40	8.24	33.13	28.71	1.49	2.50	<0.1	<0.01
WSR37	21/08/2024	Cloudy	Mid-flood	Moderate	S	1	10:01:00 AM	8.80	8.31	31.88	28.55	1.48	4.00	<0.1	<0.01
WSR37	21/08/2024	Cloudy	Mid-flood	Moderate	S	1	10:01:00 AM	8.79	8.32	31.93	28.52	1.51	4.00	<0.1	<0.01
WSR37	21/08/2024	Cloudy	Mid-flood	Moderate	М	4	10:02:00 AM	8.75	8.31	31.90	28.57	1.48	3.00	<0.1	<0.01
WSR37	21/08/2024	Cloudy	Mid-flood	Moderate	М	4	10:02:00 AM	8.81	8.30	31.88	28.54	1.45	3.00	<0.1	<0.01
WSR37	21/08/2024	Cloudy	Mid-flood	Moderate	В	7	10:03:00 AM	8.73	8.30	31.96	28.58	1.50	2.50	<0.1	<0.01
WSR37	21/08/2024	Cloudy	Mid-flood	Moderate	В	7	10:03:00 AM	8.78	8.31	31.89	28.57	1.46	3.00	<0.1	<0.01
NF1	21/08/2024	Cloudy	Mid-flood	Moderate	S	1	10:25:00 AM	8.48	8.24	32.62	28.56	1.51	2.50	<0.1	<0.01
NF1	21/08/2024	Cloudy	Mid-flood	Moderate	S	1	10:25:00 AM	8.49	8.24	32.65	28.54	1.50	2.50	<0.1	<0.01
NF1	21/08/2024	Cloudy	Mid-flood	Moderate	М	7	10:26:00 AM	8.51	8.27	32.66	28.57	1.51	2.50	<0.1	<0.01
NF1	21/08/2024	Cloudy	Mid-flood	Moderate	М	7	10:26:00 AM	8.52	8.26	32.59	28.59	1.46	2.50	<0.1	<0.01
NF1	21/08/2024	Cloudy	Mid-flood	Moderate	В	12	10:27:00 AM	8.50	8.24	32.61	28.58	1.48	2.50	<0.1	<0.01
NF1	21/08/2024	Cloudy	Mid-flood	Moderate	В	12	10:27:00 AM	8.61	8.26	32.59	28.57	1.47	2.50	<0.1	<0.01
NF2	21/08/2024	Cloudy	Mid-flood	Moderate	S	1	10:17:00 AM	8.59	8.24	32.57	28.86	1.85	2.50	<0.1	<0.01
NF2	21/08/2024	Cloudy	Mid-flood	Moderate	S	1	10:17:00 AM	8.68	8.24	32.55	28.87	1.85	2.50	<0.1	<0.01
NF2	21/08/2024	Cloudy	Mid-flood	Moderate	М	5	10:18:00 AM	8.68	8.23	32.54	28.87	1.84	2.50	<0.1	<0.01
NF2	21/08/2024	Cloudy	Mid-flood	Moderate	М	5	10:18:00 AM	8.59	8.23	32.54	28.81	1.88	2.50	<0.1	<0.01
NF2	21/08/2024	Cloudy	Mid-flood	Moderate	В	10	10:19:00 AM	8.70	8.25	32.53	28.87	1.85	2.50	<0.1	<0.01
NF2	21/08/2024	Cloudy	Mid-flood	Moderate	В	10	10:19:00 AM	8.65	8.24	32.55	28.86	1.87	2.50	<0.1	<0.01
NF3	21/08/2024	Cloudy	Mid-flood	Moderate	S	1	10:10:00 AM	8.88	8.24	32.40	28.52	1.77	2.50	<0.1	<0.01
NF3	21/08/2024	Cloudy	Mid-flood	Moderate	S	1	10:10:00 AM	8.95	8.24	32.45	28.58	1.74	2.50	<0.1	<0.01
NF3	21/08/2024	Cloudy	Mid-flood	Moderate	М	6	10:11:00 AM	8.80	8.24	32.40	28.55	1.76	2.50	<0.1	<0.01
NF3	21/08/2024	Cloudy	Mid-flood	Moderate	М	6	10:11:00 AM	8.84	8.22	32.37	28.55	1.74	2.50	<0.1	<0.01
NF3	21/08/2024	Cloudy	Mid-flood	Moderate	В	11	10:12:00 AM	8.88	8.24	32.40	28.54	1.79	2.50	<0.1	<0.01
NF3	21/08/2024	Cloudy	Mid-flood	Moderate	В	11	10:12:00 AM	8.93	8.23	32.40	28.59	1.76	2.50	<0.1	<0.01

5. Sergion         5. Serg	Location	Date	Weather	Tide	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp ((°C)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L)	Total Residual Chlorine (mg/L)
1	CE	24/08/2024	Cloudy	Mid-Flood	Moderate	S	1	11:06:00 AM	8.55				2.18	3.00	<0.1	<0.01
Part	CE	24/08/2024	Cloudy	Mid-Flood	Moderate	S	1	11:06:00 AM	8.53	8.28	33.29	28.87	2.21	2.50	<0.1	<0.01
Part	CE	24/08/2024	Cloudy	Mid-Flood	Moderate	М	12	11:07:00 AM	8.58	8.24	33.26	28.87	2.24	2.50	<0.1	<0.01
GC         21/4 1/2012         CMA         NA Flood         NA flood         S         22         Like Sort         45         122         124 80 00         125         21/4         125         124         125         124         125         124         125         124         125         124         12	CE	24/08/2024	Cloudy	Mid-Flood	Moderate	М	12	11:07:00 AM	8.53	8.28	33.27	28.90	2.23	3.00	<0.1	<0.01
Part	CE	24/08/2024	Cloudy	Mid-Flood	Moderate	В	22	11:08:00 AM	8.60	8.24	33.22	28.89	2.28	2.50	<0.1	<0.01
Part	CE	24/08/2024	Cloudy	Mid-Flood	Moderate	В	22	11:08:00 AM	8.54	8.27	33.29	28.90	2.30	2.50	<0.1	<0.01
GT         1459/1224         Closel         Med Read         Kolean         K         1         1610 0000         451         241         241         240	CF	24/08/2024	Cloudy	Mid-Flood	Moderate	S	1	8:00:00 AM	8.56	8.25	32.12	28.68	2.48	2.50	<0.1	<0.01
Part   1968	CF	24/08/2024	Cloudy	Mid-Flood	Moderate	S	1	8:00:00 AM	8.59	8.24	32.17	28.67	2.43	4.00	<0.1	<0.01
Part	CF	24/08/2024	Cloudy	Mid-Flood	Moderate	М	11	8:01:00 AM	8.56	8.23	32.13	28.68	2.41	2.50	<0.1	<0.01
Part	CF	24/08/2024	Cloudy	Mid-Flood	Moderate	М	11	8:01:00 AM	8.61	8.26	32.12	28.65	2.49	2.50	<0.1	<0.01
Ministration   Ministration   Ministration   State	CF	24/08/2024	Cloudy	Mid-Flood	Moderate	В	21	8:02:00 AM	8.56	8.26	32.14	28.65	2.55	3.00	<0.1	<0.01
New No. No.   1,748   7,748   7,848   1,848	CF	24/08/2024	Cloudy	Mid-Flood	Moderate	В	21	8:02:00 AM	8.54	8.22	32.19	28.66	2.56	4.00	<0.1	<0.01
NSSIGN   24/18/10724   Closely   Mile Floor   Mile Floo	WSR01	24/08/2024	Cloudy	Mid-Flood	Moderate	S	1	8:25:00 AM	8.27	8.23	33.13	28.73	1.52	5.00	<0.1	<0.01
WSB01   24/Bi/2024   Cloudy   Mid-Fland   Moderate   M   S   8.26 80 MM   8.29   8.21   33.07   28.76   1.52   3.08   4.11   9.01	WSR01	24/08/2024	Cloudy	Mid-Flood	Moderate	S	1	8:25:00 AM	8.33	8.24	33.13	28.76	1.52	2.50	<0.1	<0.01
WSNR   24/88/2024   Cloudy   Mid-Flood   Moderate   B   B   8.2700 AM   8.29   8.24   3.308   2.878   1.56   2.50   40.1   4.07	WSR01	24/08/2024	Cloudy	Mid-Flood	Moderate	М	5	8:26:00 AM	8.33	8.24	33.14	28.75	1.51	4.00	<0.1	<0.01
No.	WSR01	24/08/2024	Cloudy	Mid-Flood	Moderate	М	5	8:26:00 AM	8.29	8.21	33.07	28.76	1.52	3.00	<0.1	<0.01
MSR012   24/08/2024   Cloudy   Mid-Flood   Moderate   S   1   84400 AM   844   8.08   32.11   29.03   1.70   2.50   4.01   4.00   4.0	WSR01	24/08/2024	Cloudy	Mid-Flood	Moderate	В	8	8:27:00 AM	8.29	8.24	33.08	28.78	1.56	2.50	<0.1	<0.01
WSR02         24/88/2024         Cloudy         Mid-Flood         Moderate         S         1         8.44.00 AM         8.49         32.02         29.04         1.66         2.50         <0.1         <0.01           WSR02         24/88/2024         Cloudy         Mid-Flood         Moderate         M         5         845.00 AM         8.17         8.10         32.02         29.04         1.66         2.50         <0.1         <0.01           WSR02         24/88/2024         Cloudy         Mid-Flood         Moderate         M         5         845.00 AM         8.11         32.12         29.05         1.69         3.00         <0.1         <0.01           WSR02         24/80/2024         Cloudy         Mid-Flood         Moderate         B         B         8.46.00 AM         8.37         8.10         32.04         29.01         1.72         4.00         <0.1         <0.01           WSR03         24/88/2024         Cloudy         Mid-Flood         Moderate         S         1         8.59.00 AM         9.11         8.22         32.02         28.75         1.55         4.00         <0.1         <0.01           WSR03         24/88/2024         Cloudy         Mid-Flood         Moderat	WSR01	24/08/2024	Cloudy	Mid-Flood	Moderate	В	8	8:27:00 AM	8.30	8.24	33.07	28.75	1.56	2.50	<0.1	<0.01
WSR02         24/06/2024         Cloudy         Mid-Flood         Moderate         M         5         8.45.00 AM         8.37         6.10         32.02         29.04         1.66         2.50         4.01         4.02           WSR02         24/08/2024         Cloudy         Mid-Flood         Moderate         M         5         8.45.00 AM         8.41         8.11         32.12         29.05         1.69         3.00         <0.1         <0.01           WSR02         24/08/2024         Cloudy         Mid-Flood         Moderate         B         8         8.46.00 AM         8.41         8.09         32.04         29.04         1.71         4.00         <0.1         <0.01           WSR03         24/09/2024         Cloudy         Mid-Flood         Moderate         B         8         8.46.00 AM         8.37         8.10         32.04         29.01         1.72         2.50         <0.1         <0.01           WSR03         24/09/2024         Cloudy         Mid-Flood         Moderate         S         1         8.59.00 AM         9.12         8.21         32.06         28.77         1.55         3.00         <0.1         <0.01           WSR03         24/09/2024         Cloudy	WSR02	24/08/2024	Cloudy	Mid-Flood	Moderate	S	1	8:44:00 AM	8.44	8.08	32.11	29.03	1.70	2.50	<0.1	<0.01
WSR02 24/08/2024 Cloudy Mid-Flood Moderate M 5 8:45:00 AM 8:41 8:11 32.12 29.05 1.69 3.00 <0.1 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.00	WSR02	24/08/2024	Cloudy	Mid-Flood	Moderate	S	1	8:44:00 AM	8.40	8.09	32.02	29.04	1.66	2.50	<0.1	<0.01
WSR02         24/08/2024         Cloudy         Mid-Flood         Moderate         B         8         846-600 AM         8.41         8.09         32.04         29.04         1.71         4.00         <0.1         <0.01           WSR02         24/08/2024         Cloudy         Mid-Flood         Moderate         B         8         846-600 AM         8.37         8.10         32.04         29.01         1.72         2.50         <0.1         <0.01           WSR03         24/08/2024         Cloudy         Mid-Flood         Moderate         S         1         8.59-00 AM         9.11         8.22         32.02         28.75         1.55         4.00         <0.1         <0.01           WSR03         24/08/2024         Cloudy         Mid-Flood         Moderate         S         1         8.59-00 AM         9.12         8.21         32.06         28.77         1.55         3.00         <0.1         <0.01           WSR03         24/08/2024         Cloudy         Mid-Flood         Moderate         M         4         9.00-00 AM         9.10         8.21         32.08         28.77         1.59         3.00         <0.1         <0.01           WSR03         24/08/2024         Gloudy	WSR02	24/08/2024	Cloudy	Mid-Flood	Moderate	М	5	8:45:00 AM	8.37	8.10	32.02	29.04	1.66	2.50	<0.1	<0.01
WSR02         24/08/2024         Cloudy         Mid-Flood         Moderate         B         8         8.46:00 AM         8.37         8.10         32.04         29.01         1.72         2.50         <0.1         <0.01           WSR03         24/08/2024         Cloudy         Mid-Flood         Moderate         S         1         8.59:00 AM         9.11         8.22         32.02         28.75         1.55         4.00         <0.1         <0.01           WSR03         24/08/2024         Cloudy         Mid-Flood         Moderate         S         1         8.59:00 AM         9.12         8.21         32.06         28.77         1.55         4.00         <0.1         <0.01           WSR03         24/08/2024         Cloudy         Mid-Flood         Moderate         M         4         9.00:00 AM         9.10         8.21         32.08         28.77         1.59         3.00         <0.1         <0.01           WSR03         24/08/2024         Cloudy         Mid-Flood         Moderate         B         7         9.01:00 AM         9.10         8.21         32.05         28.77         1.61         2.50         <0.1         <0.01           WSR03         24/08/2024         Cloudy	WSR02	24/08/2024	Cloudy	Mid-Flood	Moderate	М	5	8:45:00 AM	8.41	8.11	32.12	29.05	1.69	3.00	<0.1	<0.01
WSR03         24/08/2024         Cloudy         Mid-Flood         Moderate         S         1         8:59:00 AM         9.11         8.22         32.02         28.75         1.55         4.00         <0.1         <0.01           WSR03         24/08/2024         Cloudy         Mid-Flood         Moderate         S         1         8:59:00 AM         9.12         8.21         32.06         28.77         1.55         3.00         <0.1         <0.01           WSR03         24/08/2024         Cloudy         Mid-Flood         Moderate         M         4         9:00:00 AM         9.16         8.21         32.08         28.77         1.59         3.00         <0.1         <0.01           WSR03         24/08/2024         Cloudy         Mid-Flood         Moderate         M         4         9:00:00 AM         9.10         8.22         31.99         28.80         1.59         3.00         <0.1         <0.01           WSR03         24/08/2024         Cloudy         Mid-Flood         Moderate         B         7         9:01:00 AM         9.11         8.21         32.05         28.77         1.61         2.50         <0.1         <0.01	WSR02	24/08/2024	Cloudy	Mid-Flood	Moderate	В	8	8:46:00 AM	8.41	8.09	32.04	29.04	1.71	4.00	<0.1	<0.01
WSR03         24/08/2024         Cloudy         Mid-Flood         Moderate         S         1         8:59:00 AM         9.12         8.21         32.06         28.77         1.55         3.00         <0.1         <0.01           WSR03         24/08/2024         Cloudy         Mid-Flood         Moderate         M         4         9:00:00 AM         9.16         8.21         32.08         28.77         1.59         3.00         <0.1         <0.01           WSR03         24/08/2024         Cloudy         Mid-Flood         Moderate         M         4         9:00:00 AM         9.10         8.21         32.08         28.77         1.59         3.00         <0.1         <0.01           WSR03         24/08/2024         Cloudy         Mid-Flood         Moderate         B         7         9:01:00 AM         9.11         8.21         32.05         28.77         1.61         2.50         <0.1         <0.01	WSR02	24/08/2024	Cloudy	Mid-Flood	Moderate	В	8	8:46:00 AM	8.37	8.10	32.04	29.01	1.72	2.50	<0.1	<0.01
WSR03 24/08/2024 Cloudy Mid-Flood Moderate M 4 9:00:00 AM 9.16 8.21 32.08 28.77 1.59 3.00 <0.1 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <	WSR03	24/08/2024	Cloudy	Mid-Flood	Moderate	S	1	8:59:00 AM	9.11	8.22	32.02	28.75	1.55	4.00	<0.1	<0.01
WSR03 24/08/2024 Cloudy Mid-Flood Moderate M 4 9:00:00 AM 9.10 8.22 31.99 28.80 1.59 3.00 <0.1 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <	WSR03	24/08/2024	Cloudy	Mid-Flood	Moderate	S	1	8:59:00 AM	9.12	8.21	32.06	28.77	1.55	3.00	<0.1	<0.01
WSR03 24/08/2024 Cloudy Mid-Flood Moderate B 7 9:01:00 AM 9.11 8.21 32.05 28.77 1.61 2.50 <0.1 <0.01	WSR03	24/08/2024	Cloudy	Mid-Flood	Moderate	М	4	9:00:00 AM	9.16	8.21	32.08	28.77	1.59	3.00	<0.1	<0.01
	WSR03	24/08/2024	Cloudy	Mid-Flood	Moderate	М	4	9:00:00 AM	9.10	8.22	31.99	28.80	1.59	3.00	<0.1	<0.01
WSR03 24/08/2024 Cloudy Mid-Flood Moderate B 7 9:01:00 AM 9.14 8.20 32.00 28.78 1.55 3.00 <0.1 <0.01	WSR03	24/08/2024	Cloudy	Mid-Flood	Moderate	В	7	9:01:00 AM	9.11	8.21	32.05	28.77	1.61	2.50	<0.1	<0.01
	WSR03	24/08/2024	Cloudy	Mid-Flood	Moderate	В	7	9:01:00 AM	9.14	8.20	32.00	28.78	1.55	3.00	<0.1	<0.01

Sey         Appeal         Name         Appeal	Location	Date	Weather	Tide	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp ((°C)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L)	Total Residual Chlorine (mg/L)
Part	WSR04	24/08/2024	Cloudy	Mid-Flood	Moderate	S	1	9:15:00 AM								<0.01
Marche   Artificial   Artificial   Marche   Ma	WSR04	24/08/2024	Cloudy	Mid-Flood	Moderate	S	1	9:15:00 AM	8.64	8.24	32.44	28.95	1.23	3.00	<0.1	<0.01
Part   1988	WSR04	24/08/2024	Cloudy	Mid-Flood	Moderate	М	4	9:16:00 AM	8.64	8.25	32.47	28.90	1.24	2.50	<0.1	<0.01
Selection         24/34/221         Column         Mate Material         6         9.19 (2004)         68         8.20         25 (2004)         25 (2004)         40 (2004)	WSR04	24/08/2024	Cloudy	Mid-Flood	Moderate	М	4	9:16:00 AM	8.66	8.23	32.44	28.93	1.25	2.50	<0.1	<0.01
Post	WSR04	24/08/2024	Cloudy	Mid-Flood	Moderate	В	6	9:17:00 AM	8.62	8.23	32.37	28.90	1.26	3.00	<0.1	<0.01
March   1998	WSR04	24/08/2024	Cloudy	Mid-Flood	Moderate	В	6	9:17:00 AM	8.66	8.24	32.40	28.91	1.27	4.00	<0.1	<0.01
Vicilia   14/94/2244   Cloudy   Modelman	WSR16	24/08/2024	Cloudy	Mid-Flood	Moderate	S	1	10:45:00 AM	8.80	8.30	32.02	28.89	1.85	2.50	<0.1	<0.01
Widelian	WSR16	24/08/2024	Cloudy	Mid-Flood	Moderate	S	1	10:45:00 AM	8.78	8.27	32.09	28.87	1.89	2.50	<0.1	<0.01
March   Marc	WSR16	24/08/2024	Cloudy	Mid-Flood	Moderate	М	8	10:46:00 AM	8.84	8.29	32.11	28.90	1.87	3.00	<0.1	<0.01
Wile	WSR16	24/08/2024	Cloudy	Mid-Flood	Moderate	М	8	10:46:00 AM	8.79	8.27	32.09	28.90	1.89	2.50	<0.1	<0.01
Marker   M	WSR16	24/08/2024	Cloudy	Mid-Flood	Moderate	В	16	10:47:00 AM	8.86	8.31	32.07	28.91	1.83	4.00	<0.1	<0.01
9983 2/4074222 Codey Mai-Flied Moderate S 1 9210 AM 936 331 3134 2030 109 400 410 410 411 400 401 401 401 401 401	WSR16	24/08/2024	Cloudy	Mid-Flood	Moderate	В	16	10:47:00 AM	8.78	8.31	32.01	28.89	1.87	4.00	<0.1	<0.01
VSSSID         24/89/2024         Closely         Mid-Hood         Moderate         M         4         93300 AM         0.35         0.30         3.17         28.33         1.91         4.00         4.11         4.23           VSSSID         24/89/2024         Closely         Mid-Hood         Moderate         M         4         9.3300 AM         6.29         0.32         1.15         2.800         1.08         4.00         4.11         4.23           VSSSID         24/88/2024         Closely         Mid-Hood         Moderate         B         7         9.3400 AM         8.30         3.30         3.98         2.84         1.91         2.50         4.11         4.23           VSSSID         24/88/2024         Closely         Mid-Hood         Moderate         S         1         9.4900 AM         6.20         2.50         2.85         1.53         3.00         4.11         4.01         4.01           VSSSID         24/88/2024         Closely         Mid-Hood         Moderate         S         1         9.4900 AM         8.29         2.20         2.85         1.51         3.00         4.11         4.01           VSSSID         24/88/2024         Closely         Mid-Hood	WSR33	24/08/2024	Cloudy	Mid-Flood	Moderate	S	1	9:32:00 AM	8.36	8.30	32.02	28.86	1.90	3.00	<0.1	<0.01
NSSSS   24/08/2014   Clearly   Mid-Flood   Moderate   N	WSR33	24/08/2024	Cloudy	Mid-Flood	Moderate	S	1	9:32:00 AM	8.34	8.34	31.94	28.83	1.90	4.00	<0.1	<0.01
WSR13	WSR33	24/08/2024	Cloudy	Mid-Flood	Moderate	М	4	9:33:00 AM	8.35	8.30	31.97	28.83	1.91	4.00	<0.1	<0.01
WSR11	WSR33	24/08/2024	Cloudy	Mid-Flood	Moderate	М	4	9:33:00 AM	8.29	8.32	31.95	28.80	1.88	4.00	<0.1	<0.01
WSR16         24/08/2024         Cloudly         Mid-Flood         Moderate         S         1         949400 AM         8.27         8.25         31.09         28.85         1.55         3.00         40.1         40.01           WSR36         24/08/2024         Cloudly         Mid-Flood         Moderate         M         4         95040 AM         8.27         8.27         32.02         28.89         1.58         3.00         40.1         40.01           WSR36         24/08/2024         Cloudly         Mid-Flood         Moderate         M         4         95040 AM         8.27         32.02         28.89         1.58         3.00         40.1         40.01           WSR36         24/08/2024         Cloudly         Mid-Flood         Moderate         M         4         95040 AM         8.27         3.20         28.86         1.58         3.00         40.1         40.01           WSR37         24/08/2024         Cloudly         Mid-Flood         Moderate         B         6         95040 AM         8.28         8.26         32.01         28.86         1.58         4.00         <0.1         40.01           WSR37         24/08/2024         Cloudly         Mid-Flood         Moderate<	WSR33	24/08/2024	Cloudy	Mid-Flood	Moderate	В	7	9:34:00 AM	8.32	8.34	31.96	28.82	1.88	2.50	<0.1	<0.01
WSR36   24/08/2024   Cloudy   Mid-Flood   Moderate   S   1   94900 AM   8.28   8.24   32.07   28.85   1.53   2.50   <0.1   <0.00	WSR33	24/08/2024	Cloudy	Mid-Flood	Moderate	В	7	9:34:00 AM	8.36	8.30	31.98	28.84	1.91	2.50	<0.1	<0.01
WSR36 24/08/2024 Cloudy Mid-Flood Moderate M 4 9.50.00 AM 8.29 8.27 32.02 28.89 1.58 3.00 <0.1 <0.0000 <0.1 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.00000 <0.0000 <0.0000 <0.00000 <0.0000 <0.00000 <0.0000	WSR36	24/08/2024	Cloudy	Mid-Flood	Moderate	S	1	9:49:00 AM	8.27	8.25	31.99	28.85	1.55	3.00	<0.1	<0.01
WSR36	WSR36	24/08/2024	Cloudy	Mid-Flood	Moderate	S	1	9:49:00 AM	8.28	8.24	32.07	28.85	1.53	2.50	<0.1	<0.01
WSR36         24/08/2024         Cloudy         Mid-Flood         Moderate         B         6         9:50:00 AM         8.29         8.26         32.00         28.86         1.54         2.50         <0.1         <0.01           WSR36         24/08/2024         Cloudy         Mid-Flood         Moderate         B         6         9:50:00 AM         8.28         8.26         32.01         28.86         1.58         4.00         <0.1         <0.01           WSR37         24/08/2024         Cloudy         Mid-Flood         Moderate         S         1         10:06:00 AM         9.15         8.13         31.95         28.75         1.75         2.50         <0.1         <0.01           WSR37         24/08/2024         Cloudy         Mid-Flood         Moderate         S         1         10:06:00 AM         9.15         8.13         32.00         28.78         1.73         2.50         <0.1         <0.01           WSR37         24/08/2024         Cloudy         Mid-Flood         Moderate         M         4         10:07:00 AM         9.14         8.13         32.00         28.78         1.74         3.00         <0.1         <0.01           WSR37         24/08/2024         Cloudy <td>WSR36</td> <td>24/08/2024</td> <td>Cloudy</td> <td>Mid-Flood</td> <td>Moderate</td> <td>М</td> <td>4</td> <td>9:50:00 AM</td> <td>8.29</td> <td>8.27</td> <td>32.02</td> <td>28.89</td> <td>1.58</td> <td>3.00</td> <td>&lt;0.1</td> <td>&lt;0.01</td>	WSR36	24/08/2024	Cloudy	Mid-Flood	Moderate	М	4	9:50:00 AM	8.29	8.27	32.02	28.89	1.58	3.00	<0.1	<0.01
WSR36         24/08/2024         Cloudy         Mid-Flood         Moderate         B         6         9:50:00 AM         8.28         8.26         32.01         28.86         1.58         4.00         <0.1         <0.01           WSR37         24/08/2024         Cloudy         Mid-Flood         Moderate         S         1         10:06:00 AM         9.16         8.13         31.95         28.75         1.75         2.50         <0.1         <0.01           WSR37         24/08/2024         Cloudy         Mid-Flood         Moderate         S         1         10:06:00 AM         9.15         8.13         32.00         28.78         1.73         2.50         <0.1         <0.01           WSR37         24/08/2024         Cloudy         Mid-Flood         Moderate         M         4         10:07:00 AM         9.14         8.13         32.00         28.78         1.74         3.00         <0.1         <0.01           WSR37         24/08/2024         Cloudy         Mid-Flood         Moderate         M         4         10:07:00 AM         9.21         8.13         31.93         28.72         1.75         2.50         <0.1         <0.01           WSR37         24/08/2024         Cloudy </td <td>WSR36</td> <td>24/08/2024</td> <td>Cloudy</td> <td>Mid-Flood</td> <td>Moderate</td> <td>М</td> <td>4</td> <td>9:50:00 AM</td> <td>8.31</td> <td>8.27</td> <td>32.06</td> <td>28.86</td> <td>1.53</td> <td>3.00</td> <td>&lt;0.1</td> <td>&lt;0.01</td>	WSR36	24/08/2024	Cloudy	Mid-Flood	Moderate	М	4	9:50:00 AM	8.31	8.27	32.06	28.86	1.53	3.00	<0.1	<0.01
WSR37         24/08/2024         Cloudy         Mid-Flood         Moderate         S         1         10:06:00 AM         9.16         8.13         31.95         28.75         1.75         2.50         <0.1         -0.01           WSR37         24/08/2024         Cloudy         Mid-Flood         Moderate         S         1         10:06:00 AM         9.15         8.13         32.00         28.78         1.73         2.50         <0.1         -0.01           WSR37         24/08/2024         Cloudy         Mid-Flood         Moderate         M         4         10:07:00 AM         9.14         8.13         32.00         28.78         1.74         3.00         <0.1         <0.01           WSR37         24/08/2024         Cloudy         Mid-Flood         Moderate         M         4         10:07:00 AM         9.21         8.15         31.93         28.72         1.75         2.50         <0.1         <0.01           WSR37         24/08/2024         Cloudy         Mid-Flood         Moderate         B         7         10:08:00 AM         9.20         8.14         31.99         28.74         1.74         3.00         <0.1         <0.01         <0.01	WSR36	24/08/2024	Cloudy	Mid-Flood	Moderate	В	6	9:50:00 AM	8.29	8.26	32.00	28.86	1.54	2.50	<0.1	<0.01
WSR37         24/08/2024         Cloudy         Mid-Flood         Moderate         S         1         10:06:00 AM         9.15         8.13         32.00         28.78         1.73         2.50         <0.1         <0.01           WSR37         24/08/2024         Cloudy         Mid-Flood         Moderate         M         4         10:07:00 AM         9.14         8.13         32.00         28.78         1.74         3.00         <0.1         <0.01           WSR37         24/08/2024         Cloudy         Mid-Flood         Moderate         M         4         10:07:00 AM         9.21         8.15         31.93         28.72         1.75         2.50         <0.1         <0.01           WSR37         24/08/2024         Cloudy         Mid-Flood         Moderate         B         7         10:08:00 AM         9.20         8.14         31.99         28.74         1.74         3.00         <0.1         <0.01	WSR36	24/08/2024	Cloudy	Mid-Flood	Moderate	В	6	9:50:00 AM	8.28	8.26	32.01	28.86	1.58	4.00	<0.1	<0.01
WSR37 24/08/2024 Cloudy Mid-Flood Moderate M 4 10:07:00 AM 9.14 8.13 32.00 28.78 1.74 3.00 <0.1 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01	WSR37	24/08/2024	Cloudy	Mid-Flood	Moderate	S	1	10:06:00 AM	9.16	8.13	31.95	28.75	1.75	2.50	<0.1	<0.01
WSR37 24/08/2024 Cloudy Mid-Flood Moderate M 4 10:07:00 AM 9.21 8.15 31.93 28.72 1.75 2.50 <0.1 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01	WSR37	24/08/2024	Cloudy	Mid-Flood	Moderate	S	1	10:06:00 AM	9.15	8.13	32.00	28.78	1.73	2.50	<0.1	<0.01
WSR37 24/08/2024 Cloudy Mid-Flood Moderate B 7 10:08:00 AM 9.20 8.14 31.99 28.74 1.74 3.00 <0.1 <0.01	WSR37	24/08/2024	Cloudy	Mid-Flood	Moderate	М	4	10:07:00 AM	9.14	8.13	32.00	28.78	1.74	3.00	<0.1	<0.01
	WSR37	24/08/2024	Cloudy	Mid-Flood	Moderate	М	4	10:07:00 AM	9.21	8.15	31.93	28.72	1.75	2.50	<0.1	<0.01
WSR37 24/08/2024 Cloudy Mid-Flood Moderate B 7 10:08:00 AM 9.18 8.14 31.95 28.77 1.74 2.50 <0.1 <0.01	WSR37	24/08/2024	Cloudy	Mid-Flood	Moderate	В	7	10:08:00 AM	9.20	8.14	31.99	28.74	1.74	3.00	<0.1	<0.01
	WSR37	24/08/2024	Cloudy	Mid-Flood	Moderate	В	7	10:08:00 AM	9.18	8.14	31.95	28.77	1.74	2.50	<0.1	<0.01

NF1	24/08/2024	Cloudy	Mid-Flood	Moderate	C	Depth (m)		DO (mg/L)	рН	Sal (ppt)	Temp ((°C)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L)	
NF1	24/08/2024				S	1	10:30:00 AM	8.50	8.22	32.78	28.73	1.24	3.00	<0.1	<0.01
		Cloudy	Mid-Flood	Moderate	S	1	10:30:00 AM	8.57	8.22	32.82	28.70	1.25	2.50	<0.1	<0.01
NF1	24/08/2024	Cloudy	Mid-Flood	Moderate	М	7	10:31:00 AM	8.56	8.18	32.85	28.71	1.22	3.00	<0.1	<0.01
NF1	24/08/2024	Cloudy	Mid-Flood	Moderate	М	7	10:31:00 AM	8.57	8.19	32.81	28.72	1.20	4.00	<0.1	<0.01
NF1	24/08/2024	Cloudy	Mid-Flood	Moderate	В	13	10:32:00 AM	8.50	8.21	32.78	28.71	1.22	3.00	<0.1	<0.01
NF1	24/08/2024	Cloudy	Mid-Flood	Moderate	В	13	10:32:00 AM	8.53	8.21	32.85	28.73	1.24	5.00	<0.1	<0.01
NF2	24/08/2024	Cloudy	Mid-Flood	Moderate	S	1	10:22:00 AM	8.84	8.23	32.76	28.61	2.08	3.00	<0.1	<0.01
NF2	24/08/2024	Cloudy	Mid-Flood	Moderate	S	1	10:22:00 AM	8.83	8.20	32.77	28.59	2.12	3.00	<0.1	<0.01
NF2	24/08/2024	Cloudy	Mid-Flood	Moderate	М	5	10:23:00 AM	8.89	8.20	32.80	28.64	2.09	3.00	<0.1	<0.01
NF2	24/08/2024	Cloudy	Mid-Flood	Moderate	М	5	10:23:00 AM	8.84	8.20	32.77	28.64	2.12	2.50	<0.1	<0.01
NF2	24/08/2024	Cloudy	Mid-Flood	Moderate	В	10	10:24:00 AM	8.86	8.21	32.77	28.62	2.12	3.00	<0.1	<0.01
NF2	24/08/2024	Cloudy	Mid-Flood	Moderate	В	10	10:24:00 AM	8.86	8.23	32.80	28.63	2.09	3.00	<0.1	<0.01
NF3	24/08/2024	Cloudy	Mid-Flood	Moderate	S	1	10:15:00 AM	8.83	8.30	32.01	29.02	1.50	4.00	<0.1	<0.01
NF3	24/08/2024	Cloudy	Mid-Flood	Moderate	S	1	10:15:00 AM	8.79	8.28	31.98	29.02	1.45	3.00	<0.1	<0.01
NF3	24/08/2024	Cloudy	Mid-Flood	Moderate	М	6	10:16:00 AM	8.78	8.28	31.96	29.00	1.45	3.00	<0.1	<0.01
NF3	24/08/2024	Cloudy	Mid-Flood	Moderate	М	6	10:16:00 AM	8.81	8.31	32.02	29.03	1.47	3.00	<0.1	<0.01
NF3	24/08/2024	Cloudy	Mid-Flood	Moderate	В	11	10:17:00 AM	8.84	8.29	32.01	29.05	1.47	4.00	<0.1	<0.01
NF3	24/08/2024	Cloudy	Mid-Flood	Moderate	В	11	10:17:00 AM	8.85	8.29	32.02	29.05	1.45	2.50	<0.1	<0.01
CE	27/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	8:00:00 AM	8.97	8.30	32.77	29.47	2.58	3.00	<0.1	<0.01
CE	27/08/2024	Cloudy	Mid-Ebb	Moderate	S	1	8:00:00 AM	8.93	8.32	32.77	29.50	2.66	2.50	<0.1	<0.01
CE	27/08/2024	Cloudy	Mid-Ebb	Moderate	М	11	8:01:00 AM	8.96	8.31	32.77	29.45	2.69	3.00	<0.1	<0.01
CE	27/08/2024	Cloudy	Mid-Ebb	Moderate	М	11	8:01:00 AM	8.93	8.31	32.74	29.46	2.71	3.00	<0.1	<0.01
CE	27/08/2024	Cloudy	Mid-Ebb	Moderate	В	20	8:02:00 AM	8.91	8.32	32.80	29.45	2.76	2.50	<0.1	<0.01
CE	27/08/2024	Cloudy	Mid-Ebb	Moderate	В	20	8:02:00 AM	8.97	8.30	32.80	29.48	2.75	3.00	<0.1	<0.01
CF	27/08/2024	Sunny	Mid-Ebb	Moderate	S	1	11:11:00 AM	8.73	8.15	32.88	29.31	2.33	2.50	<0.1	<0.01
CF	27/08/2024	Sunny	Mid-Ebb	Moderate	S	1	11:11:00 AM	8.70	8.18	32.87	29.36	2.30	2.50	<0.1	<0.01
CF	27/08/2024	Sunny	Mid-Ebb	Moderate	М	10	11:12:00 AM	8.69	8.15	32.90	29.34	2.33	3.00	<0.1	<0.01
CF	27/08/2024	Sunny	Mid-Ebb	Moderate	М	10	11:12:00 AM	8.74	8.15	32.84	29.34	2.31	2.50	<0.1	<0.01
CF	27/08/2024	Sunny	Mid-Ebb	Moderate	В	19	11:13:00 AM	8.71	8.18	32.83	29.37	2.34	3.00	<0.1	<0.01
CF	27/08/2024	Sunny	Mid-Ebb	Moderate	В	19	11:13:00 AM	8.70	8.18	32.87	29.36	2.28	2.50	<0.1	<0.01

Location	Date	Weather	Tide	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp ((°C)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L)	Total Residual Chlorine (mg/L)
WSR01	27/08/2024	Sunny	Mid-Ebb	Moderate	S	1	10:46:00 AM	8.73	8.12	33.79	29.64	2.00	3.00	<0.1	<0.01
WSR01	27/08/2024	Sunny	Mid-Ebb	Moderate	S	1	10:46:00 AM	8.77	8.14	33.81	29.68	2.03	3.00	<0.1	<0.01
WSR01	27/08/2024	Sunny	Mid-Ebb	Moderate	М	5	10:47:00 AM	8.75	8.14	33.73	29.63	2.01	2.50	<0.1	<0.01
WSR01	27/08/2024	Sunny	Mid-Ebb	Moderate	М	5	10:47:00 AM	8.78	8.14	33.77	29.67	2.02	2.50	<0.1	<0.01
WSR01	27/08/2024	Sunny	Mid-Ebb	Moderate	В	8	10:48:00 AM	8.75	8.12	33.83	29.67	2.00	3.00	<0.1	<0.01
WSR01	27/08/2024	Sunny	Mid-Ebb	Moderate	В	8	10:48:00 AM	8.78	8.13	33.73	29.62	2.02	3.00	<0.1	<0.01
WSR02	27/08/2024	Sunny	Mid-Ebb	Moderate	S	1	10:27:00 AM	8.80	8.35	34.01	29.71	1.71	2.50	<0.1	<0.01
WSR02	27/08/2024	Sunny	Mid-Ebb	Moderate	S	1	10:27:00 AM	8.85	8.35	34.12	29.69	1.72	2.50	<0.1	<0.01
WSR02	27/08/2024	Sunny	Mid-Ebb	Moderate	М	5	10:28:00 AM	8.81	8.36	34.12	29.64	1.67	3.00	<0.1	<0.01
WSR02	27/08/2024	Sunny	Mid-Ebb	Moderate	М	5	10:28:00 AM	8.82	8.37	33.99	29.71	1.71	3.00	<0.1	<0.01
WSR02	27/08/2024	Sunny	Mid-Ebb	Moderate	В	8	10:29:00 AM	8.84	8.37	34.01	29.68	1.66	3.00	<0.1	<0.01
WSR02	27/08/2024	Sunny	Mid-Ebb	Moderate	В	8	10:29:00 AM	8.86	8.37	34.12	29.68	1.72	3.00	<0.1	<0.01
WSR03	27/08/2024	Sunny	Mid-Ebb	Moderate	S	1	10:09:00 AM	9.19	8.32	34.03	29.27	1.69	2.50	<0.1	<0.01
WSR03	27/08/2024	Sunny	Mid-Ebb	Moderate	S	1	10:09:00 AM	9.18	8.30	33.91	29.29	1.73	3.00	<0.1	<0.01
WSR03	27/08/2024	Sunny	Mid-Ebb	Moderate	М	4	10:10:00 AM	9.22	8.32	34.01	29.26	1.69	2.50	<0.1	<0.01
WSR03	27/08/2024	Sunny	Mid-Ebb	Moderate	M	4	10:10:00 AM	9.23	8.31	33.94	29.29	1.67	2.50	<0.1	<0.01
WSR03	27/08/2024	Sunny	Mid-Ebb	Moderate	В	6	10:11:00 AM	9.21	8.31	33.96	29.28	1.71	3.00	<0.1	<0.01
WSR03	27/08/2024	Sunny	Mid-Ebb	Moderate	В	6	10:11:00 AM	9.26	8.32	33.99	29.29	1.69	3.00	<0.1	<0.01
WSR04	27/08/2024	Sunny	Mid-Ebb	Moderate	S	1	9:54:00 AM	8.86	8.12	33.13	29.57	1.80	3.00	<0.1	<0.01
WSR04	27/08/2024	Sunny	Mid-Ebb	Moderate	S	1	9:54:00 AM	8.86	8.10	33.12	29.55	1.76	2.50	<0.1	<0.01
WSR04	27/08/2024	Sunny	Mid-Ebb	Moderate	M	3	9:55:00 AM	8.88	8.11	33.18	29.59	1.78	3.00	<0.1	<0.01
WSR04	27/08/2024	Sunny	Mid-Ebb	Moderate	М	3	9:55:00 AM	8.84	8.12	33.20	29.57	1.75	4.00	<0.1	<0.01
WSR04	27/08/2024	Sunny	Mid-Ebb	Moderate	В	6	9:56:00 AM	8.82	8.12	33.10	29.56	1.79	2.50	<0.1	<0.01
WSR04	27/08/2024	Sunny	Mid-Ebb	Moderate	В	6	9:56:00 AM	8.84	8.10	33.18	29.57	1.78	4.00	<0.1	<0.01
WSR16	27/08/2024	Sunny	Mid-Ebb	Moderate	S	1	8:23:00 AM	9.10	8.16	32.59	29.47	1.91	2.50	<0.1	<0.01
WSR16	27/08/2024	Sunny	Mid-Ebb	Moderate	S	1	8:23:00 AM	9.14	8.16	32.73	29.50	1.89	2.50	<0.1	<0.01
WSR16	27/08/2024	Sunny	Mid-Ebb	Moderate	М	9	8:24:00 AM	9.15	8.19	32.68	29.47	1.89	2.50	<0.1	<0.01
WSR16	27/08/2024	Sunny	Mid-Ebb	Moderate	М	9	8:24:00 AM	9.12	8.17	32.60	29.49	1.90	2.50	<0.1	<0.01
WSR16	27/08/2024	Sunny	Mid-Ebb	Moderate	В	16	8:25:00 AM	9.13	8.19	32.62	29.44	1.87	2.50	<0.1	<0.01
WSR16	27/08/2024	Sunny	Mid-Ebb	Moderate	В	16	8:25:00 AM	9.16	8.17	32.69	29.50	1.88	3.00	<0.1	<0.01

Location WSR33	05/00/000/				Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp ((°C)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L)	Total Residual Chlorine (mg/L)
	27/08/2024	Sunny	Mid-Ebb	Moderate	S	1	9:37:00 AM	8.10	8.25	33.08	29.51	1.44	3.00	<0.1	<0.01
WSR33	27/08/2024	Sunny	Mid-Ebb	Moderate	S	1	9:37:00 AM	8.09	8.27	33.05	29.44	1.47	2.50	<0.1	<0.01
WSR33	27/08/2024	Sunny	Mid-Ebb	Moderate	М	4	9:38:00 AM	8.10	8.25	32.98	29.51	1.41	2.50	<0.1	<0.01
WSR33	27/08/2024	Sunny	Mid-Ebb	Moderate	М	4	9:38:00 AM	8.03	8.27	32.96	29.45	1.45	3.00	<0.1	<0.01
WSR33	27/08/2024	Sunny	Mid-Ebb	Moderate	В	6	9:39:00 AM	8.06	8.28	33.03	29.49	1.42	3.00	<0.1	<0.01
WSR33	27/08/2024	Sunny	Mid-Ebb	Moderate	В	6	9:39:00 AM	8.04	8.27	32.98	29.48	1.47	2.50	<0.1	<0.01
WSR36	27/08/2024	Sunny	Mid-Ebb	Moderate	S	1	9:21:00 AM	9.09	8.22	33.41	29.41	1.68	2.50	<0.1	<0.01
WSR36	27/08/2024	Sunny	Mid-Ebb	Moderate	S	1	9:21:00 AM	9.14	8.21	33.36	29.44	1.71	3.00	<0.1	<0.01
WSR36	27/08/2024	Sunny	Mid-Ebb	Moderate	М	3	9:22:00 AM	9.15	8.21	33.35	29.47	1.70	2.50	<0.1	<0.01
WSR36	27/08/2024	Sunny	Mid-Ebb	Moderate	М	3	9:22:00 AM	9.09	8.22	33.29	29.44	1.69	3.00	<0.1	<0.01
WSR36	27/08/2024	Sunny	Mid-Ebb	Moderate	В	6	9:22:00 AM	9.13	8.20	33.29	29.43	1.70	4.00	<0.1	<0.01
WSR36	27/08/2024	Sunny	Mid-Ebb	Moderate	В	6	9:22:00 AM	9.13	8.23	33.37	29.45	1.68	2.50	<0.1	<0.01
WSR37	27/08/2024	Sunny	Mid-Ebb	Moderate	S	1	9:13:00 AM	9.21	8.26	32.63	29.54	1.97	3.00	<0.1	<0.01
WSR37	27/08/2024	Sunny	Mid-Ebb	Moderate	S	1	9:13:00 AM	9.21	8.27	32.65	29.48	2.01	3.00	<0.1	<0.01
WSR37	27/08/2024	Sunny	Mid-Ebb	Moderate	М	4	9:14:00 AM	9.23	8.25	32.71	29.48	2.01	3.00	<0.1	<0.01
WSR37	27/08/2024	Sunny	Mid-Ebb	Moderate	М	4	9:14:00 AM	9.23	8.25	32.69	29.47	1.95	4.00	<0.1	<0.01
WSR37	27/08/2024	Sunny	Mid-Ebb	Moderate	В	7	9:15:00 AM	9.29	8.25	32.65	29.49	2.00	2.50	<0.1	<0.01
WSR37	27/08/2024	Sunny	Mid-Ebb	Moderate	В	7	9:15:00 AM	9.25	8.27	32.69	29.47	2.01	4.00	<0.1	<0.01
NF1	27/08/2024	Sunny	Mid-Ebb	Moderate	S	1	8:45:00 AM	8.75	8.35	33.13	29.46	2.05	3.00	<0.1	<0.01
NF1	27/08/2024	Sunny	Mid-Ebb	Moderate	S	1	8:45:00 AM	8.74	8.34	33.11	29.44	2.01	3.00	<0.1	<0.01
NF1	27/08/2024	Sunny	Mid-Ebb	Moderate	М	7	8:46:00 AM	8.71	8.36	33.06	29.43	2.02	2.50	<0.1	<0.01
NF1	27/08/2024	Sunny	Mid-Ebb	Moderate	М	7	8:46:00 AM	8.71	8.33	33.12	29.42	2.01	2.50	<0.1	<0.01
NF1	27/08/2024	Sunny	Mid-Ebb	Moderate	В	13	8:47:00 AM	8.72	8.35	33.11	29.49	2.04	2.50	<0.1	<0.01
NF1	27/08/2024	Sunny	Mid-Ebb	Moderate	В	13	8:47:00 AM	8.69	8.36	33.06	29.42	2.01	2.50	<0.1	<0.01
NF2	27/08/2024	Sunny	Mid-Ebb	Moderate	S	1	9:00:00 AM	8.98	8.37	32.60	29.65	1.77	3.00	<0.1	<0.01
NF2	27/08/2024	Sunny	Mid-Ebb	Moderate	S	1	9:00:00 AM	9.05	8.37	32.60	29.70	1.74	4.00	<0.1	<0.01
NF2	27/08/2024	Sunny	Mid-Ebb	Moderate	М	5	9:01:00 AM	9.01	8.38	32.72	29.67	1.75	3.00	<0.1	<0.01
NF2	27/08/2024	Sunny	Mid-Ebb	Moderate	М	5	9:01:00 AM	8.99	8.36	32.60	29.64	1.77	2.50	<0.1	<0.01
NF2	27/08/2024	Sunny	Mid-Ebb	Moderate	В	10	9:02:00 AM	8.98	8.39	32.65	29.66	1.77	2.50	<0.1	<0.01
NF2	27/08/2024	Sunny	Mid-Ebb	Moderate	В	10	9:02:00 AM	9.01	8.39	32.72	29.66	1.80	2.50	<0.1	<0.01

Location	Date	Weather	Tide	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp ((°C)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L)	Total Residual Chlorine (mg/L)
NF3	27/08/2024	Sunny	Mid-Ebb	Moderate	S	1	9:06:00 AM	8.47	8.37	33.63	29.43	2.05	3.00	<0.1	<0.01
NF3	27/08/2024	Sunny	Mid-Ebb	Moderate	S	1	9:06:00 AM	8.49	8.38	33.58	29.43	2.01	3.00	<0.1	<0.01
NF3	27/08/2024	Sunny	Mid-Ebb	Moderate	М	6	9:07:00 AM	8.46	8.37	33.63	29.41	2.01	2.50	<0.1	<0.01
NF3	27/08/2024	Sunny	Mid-Ebb	Moderate	М	6	9:07:00 AM	8.45	8.39	33.57	29.46	2.03	3.00	<0.1	<0.01
NF3	27/08/2024	Sunny	Mid-Ebb	Moderate	В	11	9:08:00 AM	8.45	8.40	33.49	29.43	2.04	3.00	<0.1	<0.01
NF3	27/08/2024	Sunny	Mid-Ebb	Moderate	В	11	9:08:00 AM	8.46	8.38	33.58	29.44	2.00	3.00	<0.1	<0.01
CE	29/08/2024	Sunny	Mid-Ebb	Moderate	S	1	8:00:00 AM	7.93	8.18	32.33	29.67	2.32	15.00	<0.1	<0.01
CE	29/08/2024	Sunny	Mid-Ebb	Moderate	S	1	8:00:00 AM	7.93	8.18	32.30	29.73	2.26	15.00	<0.1	<0.01
CE	29/08/2024	Sunny	Mid-Ebb	Moderate	М	12	8:01:00 AM	7.94	8.17	32.43	29.70	2.28	6.00	<0.1	<0.01
CE	29/08/2024	Sunny	Mid-Ebb	Moderate	М	12	8:01:00 AM	7.89	8.16	32.29	29.71	2.25	8.00	<0.1	<0.01
CE	29/08/2024	Sunny	Mid-Ebb	Moderate	В	23	8:02:00 AM	7.94	8.18	32.39	29.75	2.21	7.00	<0.1	<0.01
CE	29/08/2024	Sunny	Mid-Ebb	Moderate	В	23	8:02:00 AM	7.92	8.18	32.38	29.70	2.24	5.00	<0.1	<0.01
CF	29/08/2024	Sunny	Mid-Ebb	Moderate	S	1	11:13:00 AM	8.90	8.30	32.22	29.60	2.08	5.00	<0.1	<0.01
CF	29/08/2024	Sunny	Mid-Ebb	Moderate	S	1	11:13:00 AM	8.91	8.30	32.25	29.67	2.13	8.00	<0.1	<0.01
CF	29/08/2024	Sunny	Mid-Ebb	Moderate	М	10	11:14:00 AM	8.97	8.33	32.14	29.60	2.16	9.00	<0.1	<0.01
CF	29/08/2024	Sunny	Mid-Ebb	Moderate	М	10	11:14:00 AM	8.94	8.31	32.14	29.61	2.04	12.00	<0.1	<0.01
CF	29/08/2024	Sunny	Mid-Ebb	Moderate	В	18	11:15:00 AM	8.90	8.31	32.17	29.71	1.94	15.00	<0.1	<0.01
CF	29/08/2024	Sunny	Mid-Ebb	Moderate	В	18	11:15:00 AM	8.96	8.31	32.14	29.66	1.96	14.00	<0.1	<0.01
WSR01	29/08/2024	Sunny	Mid-Ebb	Moderate	S	1	10:47:00 AM	8.54	8.18	33.32	29.67	1.21	10.00	<0.1	<0.01
WSR01	29/08/2024	Sunny	Mid-Ebb	Moderate	S	1	10:47:00 AM	8.52	8.18	33.21	29.65	1.19	12.00	<0.1	<0.01
WSR01	29/08/2024	Sunny	Mid-Ebb	Moderate	М	4	10:48:00 AM	8.56	8.19	33.17	29.64	1.16	11.00	<0.1	<0.01
WSR01	29/08/2024	Sunny	Mid-Ebb	Moderate	М	4	10:48:00 AM	8.51	8.21	33.16	29.56	1.14	9.00	<0.1	<0.01
WSR01	29/08/2024	Sunny	Mid-Ebb	Moderate	В	8	10:49:00 AM	8.52	8.20	33.24	29.65	1.20	11.00	<0.1	<0.01
WSR01	29/08/2024	Sunny	Mid-Ebb	Moderate	В	8	10:49:00 AM	8.52	8.22	33.26	29.61	1.14	12.00	<0.1	<0.01
WSR02	29/08/2024	Sunny	Mid-Ebb	Moderate	S	1	10:30:00 AM	8.17	8.22	32.44	29.83	1.86	15.00	<0.1	<0.01
WSR02	29/08/2024	Sunny	Mid-Ebb	Moderate	S	1	10:30:00 AM	8.16	8.20	32.38	29.83	1.91	15.00	<0.1	<0.01
WSR02	29/08/2024	Sunny	Mid-Ebb	Moderate	М	5	10:31:00 AM	8.13	8.23	32.43	29.81	1.88	13.00	<0.1	<0.01
WSR02	29/08/2024	Sunny	Mid-Ebb	Moderate	М	5	10:31:00 AM	8.13	8.20	32.43	29.77	1.85	11.00	<0.1	<0.01
WSR02	29/08/2024	Sunny	Mid-Ebb	Moderate	В	9	10:32:00 AM	8.18	8.21	32.33	29.87	1.84	19.00	<0.1	<0.01
WSR02	29/08/2024	Sunny	Mid-Ebb	Moderate	В	9	10:32:00 AM	8.12	8.23	32.25	29.80	1.86	19.00	<0.1	<0.01

Location	Date	Weather	Tide	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp ((°C)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L)	Total Residual Chlorine (mg/L)
WSR03	29/08/2024	Sunny	Mid-Ebb	Moderate	S	1	10:12:00 AM	8.86	8.33	32.86	29.53	1.63	13.00	<0.1	<0.01
WSR03	29/08/2024	Sunny	Mid-Ebb	Moderate	S	1	10:12:00 AM	8.84	8.34	32.70	29.52	1.69	15.00	<0.1	<0.01
WSR03	29/08/2024	Sunny	Mid-Ebb	Moderate	М	4	10:13:00 AM	8.82	8.35	32.74	29.49	1.64	15.00	<0.1	<0.01
WSR03	29/08/2024	Sunny	Mid-Ebb	Moderate	М	4	10:13:00 AM	8.86	8.33	32.70	29.53	1.65	16.00	<0.1	<0.01
WSR03	29/08/2024	Sunny	Mid-Ebb	Moderate	В	7	10:14:00 AM	8.88	8.32	32.68	29.50	1.63	17.00	<0.1	<0.01
WSR03	29/08/2024	Sunny	Mid-Ebb	Moderate	В	7	10:14:00 AM	8.81	8.34	32.76	29.51	1.64	18.00	<0.1	<0.01
WSR04	29/08/2024	Sunny	Mid-Ebb	Moderate	S	1	9:57:00 AM	8.60	8.16	33.00	29.54	1.87	18.00	<0.1	<0.01
WSR04	29/08/2024	Sunny	Mid-Ebb	Moderate	S	1	9:57:00 AM	8.60	8.13	32.95	29.54	1.83	18.00	<0.1	<0.01
WSR04	29/08/2024	Sunny	Mid-Ebb	Moderate	М	4	9:58:00 AM	8.55	8.13	33.04	29.47	1.81	13.00	<0.1	<0.01
WSR04	29/08/2024	Sunny	Mid-Ebb	Moderate	M	4	9:58:00 AM	8.58	8.13	32.87	29.51	1.98	12.00	<0.1	<0.01
WSR04	29/08/2024	Sunny	Mid-Ebb	Moderate	В	7	9:59:00 AM	8.54	8.15	33.05	29.57	1.93	15.00	<0.1	<0.01
WSR04	29/08/2024	Sunny	Mid-Ebb	Moderate	В	7	9:59:00 AM	8.60	8.14	32.93	29.49	1.94	19.00	<0.1	<0.01
WSR16	29/08/2024	Sunny	Mid-Ebb	Moderate	S	1	8:23:00 AM	8.17	8.26	33.08	29.53	1.22	16.00	<0.1	<0.01
WSR16	29/08/2024	Sunny	Mid-Ebb	Moderate	S	1	8:23:00 AM	8.15	8.26	33.04	29.51	1.21	19.00	<0.1	<0.01
WSR16	29/08/2024	Sunny	Mid-Ebb	Moderate	М	8	8:24:00 AM	8.12	8.26	33.00	29.46	1.27	18.00	<0.1	<0.01
WSR16	29/08/2024	Sunny	Mid-Ebb	Moderate	М	8	8:24:00 AM	8.15	8.23	33.00	29.54	1.26	19.00	<0.1	<0.01
WSR16	29/08/2024	Sunny	Mid-Ebb	Moderate	В	16	8:25:00 AM	8.12	8.22	33.01	29.46	1.19	12.00	<0.1	<0.01
WSR16	29/08/2024	Sunny	Mid-Ebb	Moderate	В	16	8:25:00 AM	8.16	8.25	32.90	29.45	1.21	12.00	<0.1	<0.01
WSR33	29/08/2024	Sunny	Mid-Ebb	Moderate	S	1	9:40:00 AM	8.43	8.21	32.02	29.65	1.31	18.00	<0.1	<0.01
WSR33	29/08/2024	Sunny	Mid-Ebb	Moderate	S	1	9:40:00 AM	8.40	8.22	31.96	29.59	1.30	17.00	<0.1	<0.01
WSR33	29/08/2024	Sunny	Mid-Ebb	Moderate	М	4	9:41:00 AM	8.40	8.19	32.02	29.61	1.28	11.00	<0.1	<0.01
WSR33	29/08/2024	Sunny	Mid-Ebb	Moderate	М	4	9:41:00 AM	8.42	8.22	31.87	29.56	1.31	12.00	<0.1	<0.01
WSR33	29/08/2024	Sunny	Mid-Ebb	Moderate	В	6	9:42:00 AM	8.45	8.20	32.01	29.58	1.38	13.00	<0.1	<0.01
WSR33	29/08/2024	Sunny	Mid-Ebb	Moderate	В	6	9:42:00 AM	8.41	8.18	32.07	29.58	1.28	13.00	<0.1	<0.01
WSR36	29/08/2024	Sunny	Mid-Ebb	Moderate	S	1	9:27:00 AM	8.62	8.35	32.79	29.62	1.29	10.00	<0.1	<0.01
WSR36	29/08/2024	Sunny	Mid-Ebb	Moderate	S	1	9:27:00 AM	8.62	8.37	32.69	29.64	1.33	11.00	<0.1	<0.01
WSR36	29/08/2024	Sunny	Mid-Ebb	Moderate	М	3	9:28:00 AM	8.59	8.36	32.83	29.60	1.31	17.00	<0.1	<0.01
WSR36	29/08/2024	Sunny	Mid-Ebb	Moderate	М	3	9:28:00 AM	8.63	8.36	32.73	29.64	1.28	20.00	<0.1	<0.01
WSR36	29/08/2024	Sunny	Mid-Ebb	Moderate	В	5	9:28:00 AM	8.62	8.35	32.79	29.54	1.27	23.00	<0.1	<0.01
WSR36	29/08/2024	Sunny	Mid-Ebb	Moderate	В	5	9:28:00 AM	8.61	8.36	32.74	29.60	1.31	23.00	<0.1	<0.01

WSR37 WSR37 WSR37 WSR37	29/08/2024 29/08/2024 29/08/2024 29/08/2024 29/08/2024 29/08/2024 29/08/2024	Sunny Sunny Sunny Sunny	Mid-Ebb Mid-Ebb Mid-Ebb Mid-Ebb	Moderate  Moderate  Moderate	S S M	Depth (m)  1  1	9:21:00 AM	DO (mg/L) 7.98	рН 8.13	Sal (ppt) 33.05	Temp ((°C) 29.84	Turbidty (NTU)  1.79	SS (mg/L) 17.00	Iron (mg/L) <0.1	Total Residual Chlorine (mg/L) <0.01
WSR37 WSR37 WSR37	29/08/2024 29/08/2024 29/08/2024 29/08/2024	Sunny	Mid-Ebb	Moderate		1	0.21.00 AM								
WSR37 WSR37	29/08/2024 29/08/2024 29/08/2024	Sunny			М		9:21:00 AM	7.98	8.13	33.07	29.82	1.78	15.00	<0.1	<0.01
WSR37 WSR37	29/08/2024 29/08/2024		Mid-Ebb	• • •		4	9:22:00 AM	7.96	8.14	33.00	29.79	1.81	24.00	<0.1	<0.01
WSR37	29/08/2024	Sunny		Moderate	М	4	9:22:00 AM	7.99	8.15	33.17	29.81	1.85	23.00	<0.1	<0.01
			Mid-Ebb	Moderate	В	7	9:23:00 AM	7.93	8.11	33.06	29.81	1.88	13.00	<0.1	<0.01
NE1	29/08/2024	Sunny	Mid-Ebb	Moderate	В	7	9:23:00 AM	7.94	8.15	32.99	29.86	1.87	15.00	<0.1	<0.01
NF1		Sunny	Mid-Ebb	Moderate	S	1	8:47:00 AM	9.19	8.26	33.26	29.73	1.76	12.00	<0.1	<0.01
NF1	29/08/2024	Sunny	Mid-Ebb	Moderate	S	1	8:47:00 AM	9.15	8.22	33.27	29.71	1.73	11.00	<0.1	<0.01
NF1	29/08/2024	Sunny	Mid-Ebb	Moderate	М	7	8:48:00 AM	9.18	8.26	33.42	29.66	1.73	19.00	<0.1	<0.01
NF1	29/08/2024	Sunny	Mid-Ebb	Moderate	М	7	8:48:00 AM	9.20	8.25	33.42	29.68	1.70	20.00	<0.1	<0.01
NF1	29/08/2024	Sunny	Mid-Ebb	Moderate	В	12	8:49:00 AM	9.17	8.24	33.41	29.63	1.69	23.00	<0.1	<0.01
NF1	29/08/2024	Sunny	Mid-Ebb	Moderate	В	12	8:49:00 AM	9.19	8.24	33.39	29.67	1.70	17.00	<0.1	<0.01
NF2	29/08/2024	Sunny	Mid-Ebb	Moderate	S	1	9:04:00 AM	8.24	8.29	32.01	29.69	1.67	12.00	<0.1	<0.01
NF2	29/08/2024	Sunny	Mid-Ebb	Moderate	S	1	9:04:00 AM	8.26	8.28	32.13	29.71	1.66	13.00	<0.1	<0.01
NF2	29/08/2024	Sunny	Mid-Ebb	Moderate	М	5	9:05:00 AM	8.25	8.27	32.05	29.64	1.75	12.00	<0.1	<0.01
NF2	29/08/2024	Sunny	Mid-Ebb	Moderate	М	5	9:05:00 AM	8.25	8.29	32.15	29.62	1.73	13.00	<0.1	<0.01
NF2	29/08/2024	Sunny	Mid-Ebb	Moderate	В	9	9:06:00 AM	8.22	8.29	32.12	29.70	1.71	25.00	<0.1	<0.01
NF2	29/08/2024	Sunny	Mid-Ebb	Moderate	В	9	9:06:00 AM	8.23	8.27	32.19	29.67	1.73	26.00	<0.1	<0.01
NF3	29/08/2024	Sunny	Mid-Ebb	Moderate	S	1	9:14:00 AM	8.53	8.32	32.40	29.78	1.80	22.00	<0.1	<0.01
NF3	29/08/2024	Sunny	Mid-Ebb	Moderate	S	1	9:14:00 AM	8.56	8.33	32.31	29.74	1.72	23.00	<0.1	<0.01
NF3	29/08/2024	Sunny	Mid-Ebb	Moderate	М	6	9:15:00 AM	8.52	8.33	32.40	29.75	1.76	10.00	<0.1	<0.01
NF3	29/08/2024	Sunny	Mid-Ebb	Moderate	М	6	9:15:00 AM	8.54	8.32	32.22	29.80	1.79	12.00	<0.1	<0.01
NF3	29/08/2024	Sunny	Mid-Ebb	Moderate	В	11	9:16:00 AM	8.58	8.31	32.29	29.76	1.74	25.00	<0.1	<0.01
NF3	29/08/2024	Sunny	Mid-Ebb	Moderate	В	11	9:16:00 AM	8.55	8.34	32.25	29.83	1.78	21.00	<0.1	<0.01
CE	31/08/2024	Sunny	Mid-Ebb	Moderate	S	1	9:04:00 AM	9.45	8.30	32.96	28.27	2.65	2.50	<0.1	<0.01
CE	31/08/2024	Sunny	Mid-Ebb	Moderate	S	1	9:04:00 AM	9.39	8.32	33.00	28.29	2.66	4.00	<0.1	<0.01
CE	31/08/2024	Sunny	Mid-Ebb	Moderate	М	12	9:05:00 AM	9.45	8.29	33.03	28.28	2.59	7.00	<0.1	<0.01
CE	31/08/2024	Sunny	Mid-Ebb	Moderate	М	12	9:05:00 AM	9.42	8.33	32.95	28.28	2.51	5.00	<0.1	<0.01
CE	31/08/2024	Sunny	Mid-Ebb	Moderate	В	22	9:06:00 AM	9.36	8.33	32.96	28.25	2.60	4.00	<0.1	<0.01
CE	31/08/2024	Sunny	Mid-Ebb	Moderate	В	22	9:06:00 AM	9.45	8.31	33.00	28.30	2.66	4.00	<0.1	<0.01

Location CF	31/08/2024					Depth (m)	Time	DO (mg/L)	pН	Sal (ppt)	Temp ((°C)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L)	Total Residual Chlorine (mg/L)
	5-, 55, -5-	Sunny	Mid-Ebb	Moderate	S	1	12:14:00 PM	8.95	8.22	32.30	28.31	2.24	2.50	<0.1	<0.01
CF	31/08/2024	Sunny	Mid-Ebb	Moderate	S	1	12:14:00 PM	8.96	8.25	32.22	28.32	2.29	3.00	<0.1	<0.01
CF	31/08/2024	Sunny	Mid-Ebb	Moderate	М	10	12:15:00 PM	9.02	8.24	32.25	28.34	2.34	3.00	<0.1	<0.01
CF	31/08/2024	Sunny	Mid-Ebb	Moderate	М	10	12:15:00 PM	8.97	8.21	32.26	28.34	2.36	2.50	<0.1	<0.01
CF	31/08/2024	Sunny	Mid-Ebb	Moderate	В	20	12:16:00 PM	9.02	8.22	32.23	28.33	2.29	8.00	<0.1	<0.01
CF	31/08/2024	Sunny	Mid-Ebb	Moderate	В	20	12:16:00 PM	9.02	8.24	32.21	28.35	2.25	5.00	<0.1	<0.01
WSR01	31/08/2024	Sunny	Mid-Ebb	Moderate	S	1	11:50:00 AM	9.23	8.16	32.87	28.37	1.63	2.50	<0.1	<0.01
WSR01	31/08/2024	Sunny	Mid-Ebb	Moderate	S	1	11:50:00 AM	9.15	8.18	32.87	28.36	1.61	3.00	<0.1	<0.01
WSR01	31/08/2024	Sunny	Mid-Ebb	Moderate	М	4	11:51:00 AM	9.18	8.16	32.93	28.33	1.65	2.50	<0.1	<0.01
WSR01	31/08/2024	Sunny	Mid-Ebb	Moderate	М	4	11:51:00 AM	9.21	8.15	32.89	28.37	1.65	2.50	<0.1	<0.01
WSR01	31/08/2024	Sunny	Mid-Ebb	Moderate	В	8	11:52:00 AM	9.21	8.18	32.91	28.33	1.61	2.50	<0.1	<0.01
WSR01	31/08/2024	Sunny	Mid-Ebb	Moderate	В	8	11:52:00 AM	9.24	8.16	32.96	28.32	1.63	2.50	<0.1	<0.01
WSR02	31/08/2024	Sunny	Mid-Ebb	Moderate	S	1	11:31:00 AM	8.74	8.23	32.59	28.53	1.54	2.50	<0.1	<0.01
WSR02	31/08/2024	Sunny	Mid-Ebb	Moderate	S	1	11:31:00 AM	8.70	8.21	32.65	28.51	1.54	3.00	<0.1	<0.01
WSR02	31/08/2024	Sunny	Mid-Ebb	Moderate	М	5	11:32:00 AM	8.70	8.20	32.66	28.51	1.50	4.00	<0.1	<0.01
WSR02	31/08/2024	Sunny	Mid-Ebb	Moderate	М	5	11:32:00 AM	8.74	8.23	32.65	28.52	1.54	2.50	<0.1	<0.01
WSR02	31/08/2024	Sunny	Mid-Ebb	Moderate	В	9	11:33:00 AM	8.71	8.23	32.64	28.50	1.50	2.50	<0.1	<0.01
WSR02	31/08/2024	Sunny	Mid-Ebb	Moderate	В	9	11:33:00 AM	8.76	8.24	32.62	28.53	1.50	3.00	<0.1	<0.01
WSR03	31/08/2024	Sunny	Mid-Ebb	Moderate	S	1	11:13:00 AM	8.60	8.22	32.66	28.31	1.98	3.00	<0.1	<0.01
WSR03	31/08/2024	Sunny	Mid-Ebb	Moderate	S	1	11:13:00 AM	8.58	8.18	32.58	28.31	1.94	3.00	<0.1	<0.01
WSR03	31/08/2024	Sunny	Mid-Ebb	Moderate	М	4	11:14:00 AM	8.59	8.21	32.59	28.34	1.95	2.50	<0.1	<0.01
WSR03	31/08/2024	Sunny	Mid-Ebb	Moderate	М	4	11:14:00 AM	8.58	8.20	32.58	28.33	1.97	3.00	<0.1	<0.01
WSR03	31/08/2024	Sunny	Mid-Ebb	Moderate	В	6	11:15:00 AM	8.64	8.19	32.62	28.30	1.93	3.00	<0.1	<0.01
WSR03	31/08/2024	Sunny	Mid-Ebb	Moderate	В	6	11:15:00 AM	8.63	8.20	32.65	28.30	1.98	5.00	<0.1	<0.01
WSR04	31/08/2024	Sunny	Mid-Ebb	Moderate	S	1	11:00:00 AM	8.07	8.27	32.16	28.03	1.51	2.50	<0.1	<0.01
WSR04	31/08/2024	Sunny	Mid-Ebb	Moderate	S	1	11:00:00 AM	8.05	8.27	32.17	28.02	1.55	4.00	<0.1	<0.01
WSR04	31/08/2024	Sunny	Mid-Ebb	Moderate	М	4	11:01:00 AM	8.08	8.23	32.19	28.03	1.52	3.00	<0.1	<0.01
WSR04	31/08/2024	Sunny	Mid-Ebb	Moderate	М	4	11:01:00 AM	8.12	8.26	32.21	28.07	1.53	5.00	<0.1	<0.01
WSR04	31/08/2024	Sunny	Mid-Ebb	Moderate	В	7	11:02:00 AM	8.12	8.25	32.15	28.05	1.55	4.00	<0.1	<0.01
WSR04	31/08/2024	Sunny	Mid-Ebb	Moderate	В	7	11:02:00 AM	8.07	8.26	32.15	28.07	1.54	5.00	<0.1	<0.01

Location	Date	Weather	Tide	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp ((°C)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L)	Total Residual Chlorine (mg/L)
WSR16	31/08/2024	Sunny	Mid-Ebb	Moderate	S	1	9:25:00 AM	9.27	8.24	31.77	28.38	1.72	2.50	<0.1	<0.01
WSR16	31/08/2024	Sunny	Mid-Ebb	Moderate	S	1	9:25:00 AM	9.26	8.22	31.73	28.37	1.83	4.00	<0.1	<0.01
WSR16	31/08/2024	Sunny	Mid-Ebb	Moderate	М	8	9:26:00 AM	9.24	8.26	31.76	28.37	1.73	3.00	<0.1	<0.01
WSR16	31/08/2024	Sunny	Mid-Ebb	Moderate	М	8	9:26:00 AM	9.21	8.26	31.76	28.41	1.67	6.00	<0.1	<0.01
WSR16	31/08/2024	Sunny	Mid-Ebb	Moderate	В	14	9:27:00 AM	9.26	8.22	31.74	28.38	1.71	3.00	<0.1	<0.01
WSR16	31/08/2024	Sunny	Mid-Ebb	Moderate	В	14	9:27:00 AM	9.25	8.22	31.75	28.38	1.70	3.00	<0.1	<0.01
WSR33	31/08/2024	Sunny	Mid-Ebb	Moderate	S	1	10:44:00 AM	9.10	8.31	32.86	28.15	1.76	6.00	<0.1	<0.01
WSR33	31/08/2024	Sunny	Mid-Ebb	Moderate	S	1	10:44:00 AM	9.07	8.29	32.90	28.16	1.85	4.00	<0.1	<0.01
WSR33	31/08/2024	Sunny	Mid-Ebb	Moderate	М	4	10:45:00 AM	9.06	8.29	32.86	28.17	1.84	3.00	<0.1	<0.01
WSR33	31/08/2024	Sunny	Mid-Ebb	Moderate	М	4	10:45:00 AM	9.13	8.30	32.90	28.12	1.87	6.00	<0.1	<0.01
WSR33	31/08/2024	Sunny	Mid-Ebb	Moderate	В	6	10:46:00 AM	9.11	8.29	32.84	28.14	1.74	3.00	<0.1	<0.01
WSR33	31/08/2024	Sunny	Mid-Ebb	Moderate	В	6	10:46:00 AM	9.13	8.30	32.90	28.17	1.76	5.00	<0.1	<0.01
WSR36	31/08/2024	Sunny	Mid-Ebb	Moderate	S	1	10:28:00 AM	8.29	8.29	32.50	28.09	2.11	2.50	<0.1	<0.01
WSR36	31/08/2024	Sunny	Mid-Ebb	Moderate	S	1	10:28:00 AM	8.32	8.33	32.58	28.07	2.13	3.00	<0.1	<0.01
WSR36	31/08/2024	Sunny	Mid-Ebb	Moderate	М	4	10:29:00 AM	8.32	8.31	32.54	28.08	2.15	3.00	<0.1	<0.01
WSR36	31/08/2024	Sunny	Mid-Ebb	Moderate	М	4	10:29:00 AM	8.29	8.33	32.48	28.07	2.13	3.00	<0.1	<0.01
WSR36	31/08/2024	Sunny	Mid-Ebb	Moderate	В	7	10:29:00 AM	8.37	8.30	32.48	28.06	2.14	4.00	<0.1	<0.01
WSR36	31/08/2024	Sunny	Mid-Ebb	Moderate	В	7	10:29:00 AM	8.37	8.31	32.58	28.05	2.10	4.00	<0.1	<0.01
WSR37	31/08/2024	Sunny	Mid-Ebb	Moderate	S	1	10:20:00 AM	8.30	8.23	32.50	28.51	2.13	2.50	<0.1	<0.01
WSR37	31/08/2024	Sunny	Mid-Ebb	Moderate	S	1	10:20:00 AM	8.32	8.25	32.47	28.47	2.12	2.50	<0.1	<0.01
WSR37	31/08/2024	Sunny	Mid-Ebb	Moderate	М	4	10:21:00 AM	8.38	8.22	32.42	28.49	2.12	2.50	<0.1	<0.01
WSR37	31/08/2024	Sunny	Mid-Ebb	Moderate	М	4	10:21:00 AM	8.34	8.24	32.49	28.47	2.12	2.50	<0.1	<0.01
WSR37	31/08/2024	Sunny	Mid-Ebb	Moderate	В	7	10:22:00 AM	8.36	8.24	32.48	28.51	2.15	3.00	<0.1	<0.01
WSR37	31/08/2024	Sunny	Mid-Ebb	Moderate	В	7	10:22:00 AM	8.31	8.25	32.52	28.51	2.14	5.00	<0.1	<0.01
NF1	31/08/2024	Sunny	Mid-Ebb	Moderate	S	1	9:46:00 AM	8.50	8.13	33.04	28.21	1.72	2.50	<0.1	<0.01
NF1	31/08/2024	Sunny	Mid-Ebb	Moderate	S	1	9:46:00 AM	8.50	8.15	33.10	28.19	1.79	2.50	<0.1	<0.01
NF1	31/08/2024	Sunny	Mid-Ebb	Moderate	М	7	9:47:00 AM	8.49	8.12	33.02	28.17	1.69	4.00	<0.1	<0.01
NF1	31/08/2024	Sunny	Mid-Ebb	Moderate	М	7	9:47:00 AM	8.56	8.15	33.11	28.17	1.67	5.00	<0.1	<0.01
NF1	31/08/2024	Sunny	Mid-Ebb	Moderate	В	13	9:48:00 AM	8.56	8.15	33.01	28.22	1.59	2.50	<0.1	<0.01
NF1	31/08/2024	Sunny	Mid-Ebb	Moderate	В	13	9:48:00 AM	8.50	8.16	33.01	28.22	1.62	3.00	<0.1	<0.01

Location	Date	Weather	Tide	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp ((°C)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L)	Total Residual Chlorine (mg/L)
NF2	31/08/2024	Sunny	Mid-Ebb	Moderate	S	1	10:03:00 AM	8.17	8.17	32.67	28.50	1.57	3.00	<0.1	<0.01
NF2	31/08/2024	Sunny	Mid-Ebb	Moderate	S	1	10:03:00 AM	8.22	8.13	32.70	28.53	1.57	2.50	<0.1	<0.01
NF2	31/08/2024	Sunny	Mid-Ebb	Moderate	M	5	10:04:00 AM	8.14	8.17	32.64	28.48	1.60	3.00	<0.1	<0.01
NF2	31/08/2024	Sunny	Mid-Ebb	Moderate	М	5	10:04:00 AM	8.19	8.17	32.65	28.50	1.61	5.00	<0.1	<0.01
NF2	31/08/2024	Sunny	Mid-Ebb	Moderate	В	9	10:05:00 AM	8.17	8.13	32.65	28.51	1.57	2.50	<0.1	<0.01
NF2	31/08/2024	Sunny	Mid-Ebb	Moderate	В	9	10:05:00 AM	8.15	8.17	32.67	28.51	1.60	3.00	<0.1	<0.01
NF3	31/08/2024	Sunny	Mid-Ebb	Moderate	S	1	10:13:00 AM	9.30	8.30	32.54	28.12	1.46	3.00	<0.1	<0.01
NF3	31/08/2024	Sunny	Mid-Ebb	Moderate	S	1	10:13:00 AM	9.29	8.31	32.55	28.11	1.42	2.50	<0.1	<0.01
NF3	31/08/2024	Sunny	Mid-Ebb	Moderate	М	6	10:14:00 AM	9.31	8.32	32.58	28.11	1.43	2.50	<0.1	<0.01
NF3	31/08/2024	Sunny	Mid-Ebb	Moderate	М	6	10:14:00 AM	9.29	8.31	32.59	28.09	1.46	3.00	<0.1	<0.01
NF3	31/08/2024	Sunny	Mid-Ebb	Moderate	В	11	10:15:00 AM	9.24	8.32	32.49	28.08	1.45	2.50	<0.1	<0.01
NF3	31/08/2024	Sunny	Mid-Ebb	Moderate	В	11	10:15:00 AM	9.31	8.30	32.59	28.11	1.41	2.50	<0.1	<0.01

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Date & Time	Sal (ppt)	pН	Temp (°C)
08/01/2024 01:00 AM	53.04	7.72	29.8
08/01/2024 03:00 AM	52.01	7.72	29.6
08/01/2024 05:00 AM	52.31	7.62	30.1
08/01/2024 07:00 AM	52.02	7.62	30.5
08/01/2024 09:00 AM	52.00	7.62	30.1
08/01/2024 11:00 AM	53.01	7.62	29.6
08/01/2024 01:00 PM	53.41	7.62	29.3
08/01/2024 03:00 PM	51.96	7.72	29.0
08/01/2024 05:00 PM	52.33	7.72	29.4
08/01/2024 07:00 PM	52.21	7.72	30.1
08/01/2024 09:00 PM	52.02	7.72	29.0
08/01/2024 11:00 PM	51.72	7.72	29.1
08/02/2024 01:00 AM	51.49	7.62	29.4
08/02/2024 03:00 AM	51.50	7.62	29.6
08/02/2024 05:00 AM	51.28	7.62	30.1
08/02/2024 07:00 AM	50.66	7.62	30.9
08/02/2024 09:00 AM	50.02	7.62	30.1
08/02/2024 11:00 AM	55.75	7.78	29.5
08/02/2024 01:00 PM	55.53	7.78	29.7
08/02/2024 03:00 PM	54.92	7.78	30.1
08/02/2024 05:00 PM	54.13	7.78	30.2
08/02/2024 07:00 PM	53.77	7.78	29.7
08/02/2024 09:00 PM	53.69	7.81	30.2
08/02/2024 11:00 PM	53.09	7.81	30.1
08/03/2024 01:00 AM	53.09	7.81	29.5
08/03/2024 03:00 AM	53.09	7.81	29.6
08/03/2024 05:00 AM	52.40	7.81	29.9
08/03/2024 07:00 AM	52.05	7.81	29.1
08/03/2024 09:00 AM	51.86	7.81	29.6
08/03/2024 11:00 AM	51.14	7.81	30.1
08/03/2024 01:00 PM	52.64	7.81	29.9
08/03/2024 03:00 PM	52.14	7.81	29.9
08/03/2024 05:00 PM	52.68	7.81	29.6
08/03/2024 07:00 PM	51.36	7.81	30.2
08/03/2024 09:00 PM	52.98	7.81	29.8
08/03/2024 11:00 PM	52.14	7.81	29.9
08/04/2024 01:00 AM	52.01	7.81	30.5
08/04/2024 03:00 AM	51.00	7.81	30.1
08/04/2024 05:00 AM	52.06	7.81	30.5
08/04/2024 07:00 AM	52.36	7.81	30.1
08/04/2024 09:00 AM	52.14	7.81	30.1
08/04/2024 11:00 AM	51.05	7.81	29.9
08/04/2024 01:00 PM	52.98	7.81	30.1
08/04/2024 03:00 PM	52.07	7.81	30.6
08/04/2024 05:00 PM	51.30	7.81	29.8
08/04/2024 07:00 PM	52.68	7.81	29.5
08/04/2024 09:00 PM	52.04	7.81	30.2
08/04/2024 11:00 PM	52.06	7.81	30.1

Date & Time	Sal (ppt)	рН	Temp (°C)
08/05/2024 01:00 AM	52.04	7.81	29.9
08/05/2024 03:00 AM	51.06	7.81	30.1
08/05/2024 05:00 AM	51.06	7.81	29.8
08/05/2024 07:00 AM	53.15	7.81	29.1
08/05/2024 09:00 AM	53.98	7.81	29.2
08/05/2024 11:00 AM	53.01	7.74	29.6
08/05/2024 01:00 PM	52.05	7.85	30.1
08/05/2024 03:00 PM	52.65	7.76	30.3
08/05/2024 05:00 PM	52.86	7.71	30.5
08/05/2024 07:00 PM	52.06	7.73	29.4
08/05/2024 09:00 PM	52.01	7.74	29.6
08/05/2024 11:00 PM	53.01	7.74	29.1
08/06/2024 01:00 AM	53.00	7.74	30.2
08/06/2024 03:00 AM	51.06	7.74	29.9
08/06/2024 05:00 AM	53.05	7.74	29.3
08/06/2024 07:00 AM	54.05	7.74	29.1
08/06/2024 09:00 AM	54.04	7.74	30.3
08/06/2024 11:00 AM	52.65	7.74	30.2
08/06/2024 01:00 PM	54.01	7.74	29.4
08/06/2024 03:00 PM	54.68	7.74	29.9
08/06/2024 05:00 PM	54.03	7.74	29.4
08/06/2024 07:00 PM	53.05	7.74	30.2
08/06/2024 09:00 PM	53.01	7.74	29.1
08/06/2024 11:00 PM	53.18	7.74	29.8
08/07/2024 01:00 AM	54.06	7.72	30.3
08/07/2024 03:00 AM	53.84	7.72	29.6
08/07/2024 05:00 AM	53.01	7.72	30.5
08/07/2024 07:00 AM	53.68	7.72	30.1
08/07/2024 09:00 AM	54.04	7.72	30.2
08/07/2024 11:00 AM	54.08	7.72	30.1
08/07/2024 01:00 PM	53.45	7.72	29.1
08/07/2024 03:00 PM	52.05	7.82	29.9
08/07/2024 05:00 PM	51.01	7.82	29.3
08/07/2024 07:00 PM	53.01	7.82	30.1
08/07/2024 09:00 PM	52.05	7.82	29.4
08/07/2024 11:00 PM	53.01	7.82	29.4
08/08/2024 01:00 AM	52.01	7.82	30.3
08/08/2024 03:00 AM	51.06	7.82	30.1
08/08/2024 05:00 AM	53.02	7.82	29.5
08/08/2024 07:00 AM	54.05	7.82	29.5
08/08/2024 09:00 AM	53.14	7.82	29.0
08/08/2024 11:00 AM	54.05	7.82	29.4
08/08/2024 01:00 PM	53.68	7.82	30.3
08/08/2024 03:00 PM	54.00	7.72	30.4
08/08/2024 05:00 PM	54.87	7.72	30.1
08/08/2024 07:00 PM	54.06	7.72	30.0
08/08/2024 09:00 PM	53.68	7.74	29.6
08/08/2024 11:00 PM	54.00	7.74	29.5

Date & Time	Sal (ppt)	рН	Temp (°C)
08/09/2024 01:00 AM	54.87	7.74	30.2
08/09/2024 03:00 AM	56.05	7.74	30.1
08/09/2024 05:00 AM	56.14	7.74	30.6
08/09/2024 07:00 AM	56.87	7.79	30.4
08/09/2024 09:00 AM	55.04	7.79	30.4
08/09/2024 11:00 AM	56.36	7.79	29.4
08/09/2024 01:00 PM	55.04	7.79	29.1
08/09/2024 03:00 PM	56.25	7.89	29.3
08/09/2024 05:00 PM	55.04	7.79	29.4
08/09/2024 07:00 PM	56.34	7.79	29.1
08/09/2024 09:00 PM	55.04	7.79	30.0
08/09/2024 11:00 PM	55.31	7.79	30.1
08/10/2024 01:00 AM	55.08	7.79	30.3
08/10/2024 03:00 AM	54.84	7.79	30.5
08/10/2024 05:00 AM	54.52	7.79	30.7
08/10/2024 07:00 AM	54.30	7.79	29.2
08/10/2024 09:00 AM	54.42	7.79	29.8
08/10/2024 11:00 AM	54.08	7.79	30.9
08/10/2024 01:00 PM	53.57	7.79	30.9
08/10/2024 03:00 PM	53.25	7.79	30.6
08/10/2024 05:00 PM	53.04	7.79	29.2
08/10/2024 07:00 PM	52.06	7.79	30.1
08/10/2024 09:00 PM	52.04	7.79	30.7
08/10/2024 11:00 PM	52.40	7.79	29.2
08/11/2024 01:00 AM	52.93	7.79	29.5
08/11/2024 03:00 AM	52.83	7.79	29.6
08/11/2024 05:00 AM	52.64	7.79	30.1
08/11/2024 07:00 AM	52.40	7.69	30.4
08/11/2024 09:00 AM	53.90	7.69	29.3
08/11/2024 11:00 AM	53.98	7.69	29.3
08/11/2024 01:00 PM	53.78	7.69	29.4
08/11/2024 03:00 PM	53.49	7.69	29.3
08/11/2024 05:00 PM	53.25	7.69	29.3
08/11/2024 07:00 PM	53.28	7.69	30.1
08/11/2024 09:00 PM	53.07	7.69	30.2
08/11/2024 11:00 PM	52.74	7.69	30.7
08/12/2024 01:00 AM	52.61	7.69	30.6
08/12/2024 03:00 AM	53.04	7.69	30.4
08/12/2024 05:00 AM	52.74	7.69	30.5
08/12/2024 07:00 AM	52.55	7.69	30.1
08/12/2024 09:00 AM	52.45	7.69	30.5
08/12/2024 11:00 AM	52.23	7.69	30.1
08/12/2024 01:00 PM	52.16	7.69	30.5
08/12/2024 03:00 PM	51.95	7.69	30.1
08/12/2024 05:00 PM	51.85	7.69	30.7
08/12/2024 07:00 PM	51.63	7.69	30.2
08/12/2024 09:00 PM	51.77	7.69	30.2
U0/12/2024 U9 UU PIVI			

Date & Time	Sal (ppt)	рН	Temp (°C)
08/13/2024 01:00 AM	51.68	7.69	30.1
08/13/2024 03:00 AM	51.71	7.69	30.9
08/13/2024 05:00 AM	51.82	7.69	30.4
08/13/2024 07:00 AM	51.71	7.69	30.2
08/13/2024 09:00 AM	51.51	7.69	30.1
08/13/2024 11:00 AM	51.45	7.69	30.4
08/13/2024 01:00 PM	51.49	7.69	30.1
08/13/2024 03:00 PM	51.34	7.69	30.2
08/13/2024 05:00 PM	51.07	7.69	30.3
08/13/2024 07:00 PM	52.04	7.69	30.2
08/13/2024 09:00 PM	51.05	7.69	30.2
08/13/2024 11:00 PM	53.10	7.69	30.2
08/14/2024 01:00 AM	53.31	7.59	29.1
08/14/2024 03:00 AM	52.01	7.59	29.2
08/14/2024 05:00 AM	53.01	7.59	29.1
08/14/2024 07:00 AM	53.68	7.59	29.2
08/14/2024 09:00 AM	52.01	7.59	29.5
08/14/2024 11:00 AM	53.01	7.59	29.4
08/14/2024 01:00 PM	52.05	7.59	30.1
08/14/2024 03:00 PM	53.01	7.59	30.7
08/14/2024 05:00 PM	52.05	7.59	29.2
08/14/2024 07:00 PM	51.05	7.59	29.4
08/14/2024 09:00 PM	53.69	7.59	29.3
08/14/2024 11:00 PM	54.04	7.59	30.2
08/15/2024 01:00 AM	53.01	7.59	30.1
08/15/2024 03:00 AM	53.68	7.59	29.1
08/15/2024 05:00 AM	53.01	7.59	29.2
08/15/2024 07:00 AM	52.68	7.59	29.5
08/15/2024 09:00 AM	53.01	7.59	29.1
08/15/2024 11:00 AM	53.68	7.59	29.6
08/15/2024 01:00 PM	52.06	7.59	29.4
08/15/2024 03:00 PM	53.25	7.59	30.1
08/15/2024 05:00 PM	53.04	7.49	29.2
08/15/2024 07:00 PM	54.05	7.49	29.3
08/15/2024 09:00 PM	54.05	7.49	29.2
08/15/2024 11:00 PM	54.01	7.49	29.4
08/16/2024 01:00 AM	54.08	7.49	30.1
08/16/2024 03:00 AM	53.54	7.49	30.2
08/16/2024 05:00 AM	54.05	7.49	29.1
08/16/2024 07:00 AM	54.03	7.49	29.6
08/16/2024 09:00 AM	55.04	7.49	29.6
08/16/2024 11:00 AM	55.05	7.49	29.6
08/16/2024 01:00 PM	56.01	7.49	29.5
08/16/2024 03:00 PM	56.68	7.49	29.6
08/16/2024 05:00 PM	57.14	7.49	29.5
08/16/2024 07:00 PM	57.02	7.49	29.5
08/16/2024 09:00 PM	57.12	7.49	29.6
08/16/2024 11:00 PM	57.05	7.49	30.3

Date & Time	Sal (ppt)	рН	Temp (°C)
08/17/2024 01:00 AM	57.06	7.49	30.1
08/17/2024 03:00 AM	57.07	7.49	29.4
08/17/2024 05:00 AM	57.05	7.49	29.0
08/17/2024 07:00 AM	57.02	7.49	30.1
08/17/2024 09:00 AM	57.00	7.49	30.1
08/17/2024 11:00 AM	56.79	7.49	29.8
08/17/2024 01:00 PM	56.17	7.49	29.3
08/17/2024 03:00 PM	55.51	7.49	30.1
08/17/2024 05:00 PM	55.75	7.49	30.4
08/17/2024 07:00 PM	55.13	7.49	30.2
08/17/2024 09:00 PM	55.17	7.49	30.1
08/17/2024 11:00 PM	55.40	7.49	29.1
08/18/2024 01:00 AM	54.65	7.49	29.1
08/18/2024 03:00 AM	55.73	7.49	29.4
08/18/2024 05:00 AM	55.30	7.49	30.1
08/18/2024 07:00 AM	54.73	7.49	30.1
08/18/2024 09:00 AM	55.67	7.49	30.6
08/18/2024 11:00 AM	55.16	7.39	30.1
08/18/2024 01:00 PM	54.81	7.39	30.2
08/18/2024 03:00 PM	55.00	7.39	29.4
08/18/2024 05:00 PM	54.91	7.39	29.9
08/18/2024 07:00 PM	54.78	7.39	29.4
08/18/2024 09:00 PM	54.97	7.39	29.4
08/18/2024 11:00 PM	54.87	7.39	30.3
08/19/2024 01:00 AM	55.11	7.39	29.6
08/19/2024 03:00 AM	54.99	7.39	29.3
08/19/2024 05:00 AM	55.03	7.39	30.1
08/19/2024 07:00 AM	55.28	7.39	30.3
08/19/2024 09:00 AM	55.07	7.39	29.4
08/19/2024 11:00 AM	54.99	7.39	29.5
08/19/2024 01:00 PM	55.00	7.39	30.1
08/19/2024 03:00 PM	54.89	7.39	30.4
08/19/2024 05:00 PM	54.88	7.39	29.6
08/19/2024 07:00 PM	54.80	7.39	29.5
08/19/2024 09:00 PM	54.82	7.39	29.6
08/19/2024 11:00 PM	54.84	7.39	30.1
08/20/2024 01:00 AM	54.86	7.39	30.9
08/20/2024 03:00 AM	54.86	7.39	30.4
08/20/2024 05:00 AM	54.86	7.39	30.1
08/20/2024 07:00 AM	54.75	7.39	30.8
08/20/2024 09:00 AM	54.90	7.39	29.5
08/20/2024 11:00 AM	54.86 54.84	7.39 7.29	29.4 29.4
08/20/2024 01:00 PM	54.84	7.29	
08/20/2024 03:00 PM 08/20/2024 05:00 PM	54.75	7.29	29.9 29.6
08/20/2024 05:00 PM 08/20/2024 07:00 PM	54.55	7.29	29.6
08/20/2024 07:00 PM 08/20/2024 09:00 PM	54.45	7.29	29.4
08/20/2024 09:00 PM 08/20/2024 11:00 PM	54.57	7.29	29.4
00/20/2024 11.00 PM	34.47	7.47	49.0

Date & Time	Sal (ppt)	pН	Temp (°C)
08/21/2024 01:00 AM	54.51	7.29	29.8
08/21/2024 03:00 AM	54.51	7.29	29.1
08/21/2024 05:00 AM	54.63	7.29	30.1
08/21/2024 07:00 AM	54.60	7.29	30.0
08/21/2024 09:00 AM	54.71	7.29	29.6
08/21/2024 11:00 AM	54.73	7.29	29.8
08/21/2024 01:00 PM	54.73	7.29	30.2
08/21/2024 03:00 PM	54.73	7.29	30.4
08/21/2024 05:00 PM	54.63	7.29	29.4
08/21/2024 07:00 PM	54.63	7.29	29.3
08/21/2024 09:00 PM	54.63	7.29	30.1
08/21/2024 11:00 PM	54.56	7.29	30.2
08/22/2024 01:00 AM	54.65	7.29	28.3
08/22/2024 03:00 AM	54.57	7.29	28.4
08/22/2024 05:00 AM	54.57	7.29	29.0
08/22/2024 07:00 AM	54.57	7.29	29.1
08/22/2024 09:00 AM	54.58	7.29	28.6
08/22/2024 11:00 AM	55.80	7.27	28.6
08/22/2024 01:00 PM	55.80	7.27	29.0
08/22/2024 03:00 PM	55.59	7.27	28.1
08/22/2024 05:00 PM	55.48	7.79	27.7
08/22/2024 07:00 PM	55.44	7.79	27.9
08/22/2024 09:00 PM	55.42	7.79	28.0
08/22/2024 11:00 PM	55.58	7.79	28.0
08/23/2024 01:00 AM	55.58	7.79	28.0
08/23/2024 03:00 AM	55.53	7.79	28.0
08/23/2024 05:00 AM	55.55	7.79	27.9
08/23/2024 07:00 AM	55.65	7.79	28.0
08/23/2024 09:00 AM	55.54	7.79	28.0
08/23/2024 11:00 AM	55.54	7.79	28.1
08/23/2024 01:00 PM	55.85	7.89	28.4
08/23/2024 03:00 PM	55.86	7.89	28.7
08/23/2024 05:00 PM	54.42	7.89	28.9
08/23/2024 07:00 PM	54.40	7.89	28.9
08/23/2024 09:00 PM	54.44	7.89	28.9
08/23/2024 11:00 PM	55.14	7.89	28.8
08/24/2024 01:00 AM	54.92	7.89	28.8
08/24/2024 03:00 AM	54.73	7.89	28.8
08/24/2024 05:00 AM	55.09	7.89	28.8
08/24/2024 07:00 AM	55.00	7.89	28.8
08/24/2024 09:00 AM	54.83	7.89	28.9
08/24/2024 11:00 AM	54.92	7.89	29.1
08/24/2024 01:00 PM	55.06	7.89	29.2
08/24/2024 03:00 PM	55.41	7.89	29.5
08/24/2024 05:00 PM	55.51	7.89	29.7
08/24/2024 07:00 PM	55.43	7.89	29.7
08/24/2024 09:00 PM	55.31	7.89	29.7
08/24/2024 11:00 PM	55.17	7.91	29.7

Date & Time	Sal (ppt)	pН	Temp (°C)
08/25/2024 01:00 AM	55.17	7.91	29.4
08/25/2024 03:00 AM	55.17	7.91	29.4
08/25/2024 05:00 AM	55.17	7.91	29.3
08/25/2024 07:00 AM	55.17	7.91	29.1
08/25/2024 09:00 AM	55.17	7.91	29.1
08/25/2024 11:00 AM	55.17	7.91	29.2
08/25/2024 01:00 PM	55.17	7.91	29.5
08/25/2024 03:00 PM	55.17	7.91	29.7
08/25/2024 05:00 PM	55.17	7.91	29.8
08/25/2024 07:00 PM	55.17	7.91	29.8
08/25/2024 09:00 PM	53.67	7.85	29.6
08/25/2024 11:00 PM	53.55	7.85	29.6
08/26/2024 01:00 AM	53.45	7.85	29.5
08/26/2024 03:00 AM	53.33	7.85	29.3
08/26/2024 05:00 AM	53.43	7.85	29.1
08/26/2024 07:00 AM	53.20	7.85	29.1
08/26/2024 09:00 AM	53.38	7.85	28.9
08/26/2024 11:00 AM	53.34	7.85	29.0
08/26/2024 01:00 PM	53.23	7.85	29.5
08/26/2024 03:00 PM	53.11	7.85	29.7
08/26/2024 05:00 PM	52.92	7.85	29.8
08/26/2024 07:00 PM	52.74	7.85	29.9
08/26/2024 09:00 PM	52.88	7.85	29.9
08/26/2024 11:00 PM	52.56	7.85	29.9
08/27/2024 01:00 AM	52.46	7.85	29.9
08/27/2024 03:00 AM	52.37	7.85	29.7
08/27/2024 05:00 AM	52.27	7.85	29.7
08/27/2024 07:00 AM	53.04	7.85	29.6
08/27/2024 09:00 AM	53.76	7.85	29.6
08/27/2024 11:00 AM	53.64	7.85	29.8
08/27/2024 01:00 PM	53.55	7.85	30.2
08/27/2024 03:00 PM	52.98	7.85	30.4
08/27/2024 05:00 PM	52.85	7.85	30.4
08/27/2024 07:00 PM	52.89	7.85	30.5
08/27/2024 09:00 PM	52.71	7.88	30.5
08/27/2024 11:00 PM	52.71	7.83	30.5
08/28/2024 01:00 AM	52.71	7.83	30.5
08/28/2024 03:00 AM	52.71	7.83	30.5
08/28/2024 05:00 AM	52.71	7.83	30.5
08/28/2024 07:00 AM	52.71	7.83	30.5
08/28/2024 09:00 AM	52.63	7.81	30.1
08/28/2024 11:00 AM	52.43	7.81	30.4
08/28/2024 01:00 PM	52.08	7.81	30.6
08/28/2024 03:00 PM	53.10	7.92	30.9
08/28/2024 05:00 PM	52.80	7.82	31.0
08/28/2024 07:00 PM	52.68	7.82	31.0
08/28/2024 09:00 PM	52.17	7.82	30.7

Date & Time	Sal (ppt)	рН	Temp (°C)
08/28/2024 11:00 PM	52.01	7.82	30.4
08/29/2024 01:00 AM	53.69	7.82	30.2
08/29/2024 03:00 AM	52.14	7.82	30.0
08/29/2024 05:00 AM	51.45	7.82	29.8
08/29/2024 07:00 AM	51.36	7.82	29.5
08/29/2024 09:00 AM	52.14	7.82	29.5
08/29/2024 11:00 AM	52.68	7.82	29.6
08/29/2024 01:00 PM	51.48	7.82	29.8
08/29/2024 03:00 PM	52.36	7.82	29.9
08/29/2024 05:00 PM	52.02	7.82	30.0
08/29/2024 07:00 PM	52.01	7.82	30.0
08/29/2024 09:00 PM	52.68	7.82	30.0
08/29/2024 11:00 PM	53.14	7.82	30.0
08/30/2024 01:00 AM	52.48	7.82	29.9
08/30/2024 03:00 AM	53.21	7.82	29.8
08/30/2024 05:00 AM	52.32	7.82	29.8
08/30/2024 07:00 AM	52.14	7.82	29.7
08/30/2024 09:00 AM	52.48	7.82	29.7
08/30/2024 11:00 AM	52.31	7.82	29.5
08/30/2024 01:00 PM	53.45	7.82	29.7
08/30/2024 03:00 PM	53.21	7.82	29.9
08/30/2024 05:00 PM	52.14	7.82	30.2
08/30/2024 07:00 PM	52.68	7.82	30.1
08/30/2024 09:00 PM	52.03	7.82	30.1
08/30/2024 11:00 PM	52.87	7.82	30.1
08/31/2024 01:00 AM	52.02	7.77	30.1
08/31/2024 03:00 AM	52.36	7.77	29.8
08/31/2024 05:00 AM	53.14	7.77	29.6
08/31/2024 07:00 AM	52.86	7.72	29.5
08/31/2024 09:00 AM	52.21	7.72	29.5
08/31/2024 11:00 AM	52.47	7.72	29.5
08/31/2024 01:00 PM	52.25	7.72	29.5
08/31/2024 03:00 PM	52.36	7.72	29.6
08/31/2024 05:00 PM	52.14	7.72	29.6
08/31/2024 07:00 PM	52.01	7.72	29.7
08/31/2024 09:00 PM	52.54	7.72	29.6
08/31/2024 11:00 PM	52.47	7.72	29.6

Date & Time	Suspended Solids (mg/L)	Total Inorganic Nitrogen (mg/L)	(mg/L)	(mg/L)	Iron (mg/L)	Total Residual Chlorine (mg/L)
1/08/2024	2	0.33	0.01	<2	<0.1	<0.05
2/08/2024	<2	0.43	0.02	<2	<0.1	<0.05
3/08/2024	<2	0.33	0.02	<2	<0.1	<0.05
4/08/2024	6	0.31	<0.01	<2	<0.1	<0.05
5/08/2024	6	0.49	<0.01	<2	<0.1	<0.05
6/08/2024	<2	0.31	<0.01	<2	<0.1	<0.05
7/08/2024	2	0.49	<0.01	<2	<0.1	<0.05
8/08/2024	<2	0.12	<0.01	<2	<0.1	<0.05
9/08/2024	<2	0.45	<0.01	<2	<0.1	<0.05
10/08/2024	3	0.42	<0.01	<2	<0.1	<0.05
11/08/2024	2	0.16	<0.01	<2	<0.1	<0.05
12/08/2024	<2	0.15	<0.01	<2	<0.1	<0.05
13/08/2024	2	0.15	<0.01	<2	<0.1	<0.05
14/08/2024	3	0.09	<0.01	<2	<0.1	<0.05
15/08/2024	<2	0.18	<0.01	<2	<0.1	<0.05
16/08/2024	<2	0.16	<0.01	<2	<0.1	<0.05
17/08/2024	<2	0.15	<0.01	<2	<0.1	<0.05
18/08/2024	<2	0.14	<0.01	<2	<0.1	<0.05
19/08/2024	2	0.16	<0.01	<2	<0.1	<0.05
20/08/2024	<2	0.19	<0.01	<2	<0.1	<0.05
21/08/2024	2	0.38	<0.01	<2	<0.1	<0.05
22/08/2024	<2	0.23	<0.01	<2	<0.1	<0.05
23/08/2024	<2	0.24	<0.01	<2	<0.1	<0.05
24/08/2024	<2	0.22	<0.01	<2	<0.1	<0.05
25/08/2024	<2	0.19	<0.01	<2	<0.1	<0.05
26/08/2024	<2	0.2	<0.01	<2	<0.1	<0.05
27/08/2024	<2	0.18	0.02	<2	<0.1	<0.05
28/08/2024	<2	0.13	0.02	<2	<0.1	<0.05
29/08/2024	<2	0.08	0.02	<2	<0.1	<0.05
30/08/2024	<2	0.13	0.02	<2	<0.1	<0.05
31/08/2024	<2	0.12	0.02	<2	<0.1	<0.05

<sup>\*</sup>Remark:

As confirmed by various laboratories in Hong Kong, the lowest detection limit for Sodium Metabisulphite is <2 mg/L. Due to the limitation of the laboratory, the lowest result for Sodium Metabisulphite will only be shown as <2 mg/L.

## Landfill Gas Monitoring - Field Measurement Recording Sheet

acciona AJC JOINT VENTURE

Name of site: Tseung Kwan O Desalination Plant Phase 1

Sampling equipment used:	Dates calibrated
Altair8x, 221/08	23/4/24

Sample	Date of	Sampling			Moi	nitoring wells / Su	ırface Gas Emi	ssion		
location	measurement	time	Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp °C	Pressure mBar	Remark
MHI-Mid	16/3/24	0700	Clarker	0	0	0002	20.7	30	100%	
MMI. Base		0738	Chountry	0	0	0.01	20.01	30	000	
MUZ-Mid	16/8/24	0808	Cloudy	0	0	0.02	20.8	30	1007	
MUZ-Brue	16/8/24	0840	Cloudy	0	0	0.02	20.7	80	1006	
MU3-Mid	1618/24	0920	Cloudy	0	0	0.03	20.8	30	1006	
MU3-Base	16/3/24	0988	clardi	V	0	0,01	20.9	30	6000	
M44-Mid	16/8/24	1036	dendy	0	O	0.02	20.8	30	1005	
MMY- Base		11:08	Cloudy	0	0	0.04	20.7	30	1008	
MUX-Boxe	16/8/24	11:39	cloudy	0	0	2.01	29	30	100 5	
MUK-MIN		12:20	dath	0	0	0.02	20.8	30	1008	
MUPIMIS	16/8/24	12:80	clandy	0	0	2.01	20.6.	30	100%	

Signature

Prepared by field operator:

Date 30/8/2014 30/8/24.

Checked by:

Name & Designation
Norman Kingk
Tomp h, an



### Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: Tseung Kwan O Desalination Plant Phase 1

Sampling equipment used:	Dates calibrated		
Alfairox, 12/6x	03/4/24		

Sample	Date of	Sampling		11:	Moi	nitoring wells / S	Surface Gas Emi	ssion		
location	measurement	time	Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp °C	Pressure mBar	Remark
MUB-Base	16/8/24	13:30	plades	0	0	0.01	20-8	30	1008	
MUZ-MJ	16/3/24	14:05	cloudy	0	0	002	207	30	10.7	
Mys - Boxe	1618124	14-35	clouding	0	0	0001	20.8	30	1006	
MUB-Bax	16/3/24	15-10	dontes	0	0	0.02	120.7	30	10:0	
MUB-M:1	16/2/24	15:40	Cloudy	0	0	0.03	28.8	30	1006	
MU9-Mid	16/8/24	16:08	clary	0	0	201	227	30	1008	
Mug-Base		16:45	cloudy	0	D	0.03	28-8	30	1007	
MUIO- Base	16/8/24	17:09	clary	0	Ö	0.03	20,9	30	1007	
MUIO-Mid	16/8/24	17:48	clarky	0	P	0.03	20.8	30	1000	
MULIMIN	1613124	18:20	clo-by	0	0	0.23	20-19	30	1007	
14M11 - Base	1418/29	18:08	closy	6	0	0.03	20.7	30	1006	

Name & Designation

Signature

Date

Prepared by field operator:

30/8/2024

Checked by:

## acciona AJC JOINT VENTURE

Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: Tseung Kwan O Desalination Plant Phase 1

Sampling equipment used:	Dates calibrated
Altain 5X, 221/68.	23/4/24

Sample	Date of	Sampling		av .	Moi	nitoring wells / S	Surface Gas Emi	ssion	**	
location	measurement	time	Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp °C	Pressure mBar	Remark
MU12-11:3	1618129	19:38	cloudy	0	0	0-02	20.6	30	1007	
MU12-Base		20:05	cloudy	0	0	0.01	20.8	30	1006	
M1113-Mil	1618124	20:28	clouds	Q	0	0.03	20.7	20	Coop	The state of the s
MMB-Bove	16/8/24		cloudy	D	0	0.02	20.6	30	for	
MH14-Mid	16/8/24	21:48	clouds	0	0	0.01	20.5	30	1006	
MU14-130xe	1018/24.	22: DK	clouds	Đ	0	0.02	22.6	30	(208	
MIKIBNE	17/3/24	09:00	chudz	0	0	0.01	20.6	50	1006	
MUIK-MIL	17/114	0938	clong	0	0	0.03	20.7	30	1008	
MU16-MJ	131314	10:15	cloudy	0	0	0.61	20.6	30	1006	
MHIL-Base	77/3/24	10:40	dor	0	0	2.07	20.0	30	1000	
MUM-MIL	1/0/4	11:18		0	0	0.01	20.2	32	1006-	

Signature

Prepared by field operator:

Name & Designation
Norman Coule
Tomy wo, Tom

Date 30/1/1024

Checked by:

## acciona AJC JOINT VENTURE

#### Landfill Gas Monitoring – Field Measurement Recording Sheet

Name of site: Tseung Kwan O Desalination Plant Phase 1

Sampling equipment used:	Dates calibrated
Alfairex, 22165	25/4/24

Sample	Date of	Sampling	Monitoring wells / Surface Gas Emission									
location	measurement	time	Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp °C	Pressure mBar	Remark		
MH17-Base	1719/24	11140	Cloudy	0	0	0.02	20.8	20	1007			
132KV Stofe Tim	17/2/24	12:30	clordy	0	0	001	20-7	30	1006			
Tredd water		13:44	chody	0	0	0.02	22.6	30	1006			
Purp of Afan						Δ77.			•			
Tel water	17/8/24	14:35	Cloudy	0	0	0-03	20-8	3-	1007			
Tark	- 10 50 M		in Period III M				150		C			
chlorie contest	17/8/24	15:20	Cloudy	0	0	2-01	20.7	30	1008			
Imale			hai									
witch Ron	17/2/24	15:80	Claudy	0	0	0-02	20-6	30	1007			
Standly general	17/8/14	16:37	Churry	0	0	2.21	20.7	30	1007			
d swith lon	*		0			N-2						

Name & Designation

Signature

Prepared by field operator:

Checked by:

Norman Carole Tray by my





# Appendix G

Waste Flow Table

Contract No. 13/WSD/17

Environmental Management Plan for Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant

Appendix F - Monthly Summary Waste Flow Table

Name of Department: WSD Contract No.: 13/WSD/17

# **Monthly Summary Waste Flow Table for <u>2024</u> (year)**

W		Actual Qua	antities of Inert C&I	O Materials Generat	ed Monthly			Actual Quantities	of C&D Wastes G	enerated Monthly	
Month	Total Quantity Generated	Hard Rock and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Imported Fill	Metals	Paper/ cardboard packaging	Plastics (see Note 3)	Chemical Waste	Others, e.g. general refuse
	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000 kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)
Jan	4978.345	0.000	0.000	4667.745	310.600	0.000	0.000	0.000	0.000	0.000	77.800
Feb	22561.796	0.000	0.000	21883.006	678.790	0.000	0.000	0.000	0.000	0.000	53.480
Mar	81.140	0.000	0.000	0.000	81.140	0.000	0.000	0.000	0.000	0.000	52.260
Apr	57.130	0.000	0.000	0.000	57.130	0.000	0.000	0.000	0.000	0.000	47.390
May	91.370	0.000	0.000	0.000	91.370	0.000	0.000	0.000	0.000	0.000	77.260
Jun	49.190	0.000	0.000	0.000	49.190	0.000	0.000	0.000	0.002	0.000	60.780
Sub-total	27818.971	0.000	0.000	26550.751	1268.220	0.000	0.000	0.000	0.002	0.000	368.970
Jul	60378.440	0.000	0.000	0.000	60378.440	0.000	0.000	0.000	0.000	0.000	42.820
Aug	163.330	0.000	0.000	0.000	163.330	0.000	0.000	0.000	0.000	2.460	42.260
Sep											
Oct											
Nov											
Dec											
Total	88360.741	0.000	0.000	26550.751	61809.990	0.000	0.000	0.000	0.002	2.460	454.050

Notes:

- (1) The performance targets are given in Section 1.69 of Specification B
- (2) The waste flow table shall also include C&D materials that are specified in the Contract to be imported for use at the Site.
- (3) Plastics refer to plastic bottles/containers, plastic sheets/ foam from packaging material





# Appendix H

# Ecology (Coral & Fishery) Survey Report

#### 1 INTRODUCTION

#### 1.1 Background

- 1.1.1 The Project, Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant (TKODP), is a Designated Project under the Environmental Impact Assessment Ordinance (Cap. 499) (EIAO) and is currently governed by a Further Environmental Permit (EP No. FEP 01/503/2015/B) for the construction and operation of the Project.
- 1.1.2 The Jardine Engineering Corporation, Limited, China State Construction Engineering (Hong Kong) Limited and Acciona Agua, S.A. Trading As AJC Joint Venture (AJCJV) is contracted to carry out the Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant (TKODP) under Contract No. 13/WSD/17 (the Project).
- 1.1.3 Acuity Sustainability Consulting Limited (ASCL) is commissioned by AJCJV to undertake the Environmental Team (ET) services as required and/or implied, both explicitly and implicitly, in the Environmental Permit (EP), Environmental Impact Assessment Report (EIA Report) (Register No. AEIAR-192/2015) and Environmental Monitoring and Audit Manual (EM&A Manual) for the Project; and to carry out the Environmental Monitoring and Audit (EM&A) programme in fulfillment of the EIA Report's EM&A requirements and Contract No. 13/WSD/17 Specification requirements.
- 1.1.4 The proposed Desalination Plant at Tseung Kwan O (TKODP) will produce potable water with an initial capacity of 135 million litres per day (MLD), expandable to an ultimate capacity of 270 MLD in the future to provide a secure and alternative fresh water resource complying with the World Health Organization (WHO) standards. The plant will adopt the Seawater Reverse Osmosis (SWRO) technology, which dominates the market due to its reliability and progressive reduction in cost as the technology advances.
- 1.1.5 A baseline coral survey was conducted in October 2023 to verify the validity of the pervious EIA findings as well as to provide updated coral data for impact monitoring during the construction and operational phases. Two indirect impact sites and one control site were identified during the baseline coral survey for impact monitoring.

#### 2 Methodology

- 2.1 All tagged coral colonies in C2, C3 and C8 will be monitored monthly during the first year of Project operation. The monitoring team will record the following parameters (using the same methodology adopted during the pre-construction phase survey): size, presence, survival, health conditions (percentage of mortality) and percentage of sediment of each tagged coral colonies. The general environmental conditions during the survey date will also be monitored.
- 2.2 Photographic records of the tagged coral colonies will be taken as far as possible maintaining the same aspect and orientation as photographs taken for the pre-translocation surveys. All the tags for marking coral colonies will be removed / retrieved once the monitoring programme is completed.
- 2.3 The results of the operation phase monitoring surveys should be reviewed with reference to findings of the baseline survey.
- 2.4 If, during the operation phase monitoring, observations of any die-off / abnormal conditions of the tagged corals are made, the ET will inform the Contractor, Independent Environmental Checker (IEC)/ Environmental Project Office (ENPO), Agriculture, Fisheries and Conservation Department (AFCD) and in liaison with AFCD investigate any measures needed.

2.5 Monitoring result will be reviewed and be compared against the Action Level and Limit Level (AL/LL) as set out in Table 2-1. Actions specified on Table 2-2 will be taken by ET, IEC, SOR and Contractor shall there be exceedance of AL/LL

Table 2-1 Action and Limit Levels for Construction Phase Coral Monitoring

14010 2 1 11	enon una Emme Ectels for Construction i nus	c corum mameering
Parameter	Action Level Definition	Limit Level Definition
Mortality	If during Impact Monitoring a 15% increase in	If during Impact Monitoring a 25% increase in
	the percentage of partial mortality on the	the percentage of partial mortality on the
	corals occurs at more than 20% of the tagged	corals occurs at more than 20% of the tagged
	indirect impact site coral colonies that is not	indirect impact site coral colonies that is not
	recorded on the tagged corals at the control	recorded on the tagged corals at the control
	site, then the Action Level is exceeded	site, then the Limit Level is exceeded

Note: If the defined Action Level or Limit Level for coral monitoring is exceeded, the actions as set out in Table 5-4 will be implemented.

Table 2-2 Event and Action Plan for Construction Phase Monitoring

Emand				A	Actio	n	<u> </u>				
Event		ET Leader	IEC				SOR		Contrac	ctor	
Action Level	1.	Check monitoring	1.	Discuss monitor	ing	1.	Discuss with the	1.	Inform	the S	OR
Exceedance	1	data		with the ET and	the		IEC additional		and	conf	irm
	2.	Inform the IEC,		Contractor;			monitoring		notificati	on of	the
	1	SOR and	2.	Review propos	sals		requirements		non-com	pliance	in
	1	Contractor of the		for additio	onal		and any other		writing;		
	1	findings;		monitoring and a	any		measures	2.	Discuss	with	the
	3.	Increase the		other measu	ires		proposed by the		ET and the	he IEC a	and
	1	monitoring to at		submitted by	the		ET;		propose	measu	ıres
	1	least once a		Contractor a	and	2.	Make		to the IE	C and	the
	1	month to confirm		advise the So	OR		agreement on		SOR;		
	1	findings;		accordingly.			the measures to	3.	Impleme	nt	the
	4.	Propose					be		agreed m	easures	<b>5.</b>
	1	mitigation					implemented.				
	ī	measures for									
	ī	consideration									

Remark: \*\* The "SOR" is equivalent to the "ER" as defined in the EM&A Manual of the Project

#### 3. Result

3.1 The August 2024 operation phase monitoring were performed on 21<sup>st</sup> August 2024 for both Indirect Impact Sites and Control Site (Figure 1 and 2); and the weather conditions were summarized in Table 3.1.

Table 3.1 Weather Condition for the August 2024 Construction Phase Monitoring

Date	Condition	Average Underwater Visibility
21 <sup>st</sup> August 2024	- Southwest force 3 to 4,	Less than 0.5
C	- Sunny	

- 3.2 Ten (10) hard coral colonies in C2, C3 and C8 were monitored at each site of Control and Indirect Impact sites as suggested in the Operation Phase Monitoring Plan. The general health conditions (size, mortality, bleaching and sediment) were recorded and summarized in Table 3.2, Table 3.3 and Table 3.4 Photos of each tagged coral colonies were taken during the monitoring activities and shown in Appendix A (Photo Plate A, B and C)...
- 3.3 All tagged coral colonies showed good health condition during the August 2024 Monitoring survey. There was not increased level of mortality, bleaching and sediment in other tagged coral colonies when compared with the baseline results.

Table 3.2 Sizes, Condition, Mortality, Bleaching and Sediment of 10 Natural Coral Colonies at Control Site C8 during August 2024 Coral Monitoring Survey

Tag#	Species	Size (cm) – Max. Diameter	Condition	Mortal	Mortality (%)		ing (%)	Sediment (%)		
				Baseline	21-Aug	Baseline	21-Aug	Baseline	21-Aug	
1	Favites pentagona	66	Good	0	0	0	0	0	0	
2	Porites lutea	58	Good	0	0	0	0	0	0	
3	Plesiastrea versipora	31	Good	0	0	0	0	0	0	
4	Platygyra carnosus	30	Good	0	0	0	0	0	0	
5	Acropora solitaryensis	32	Good	0	0	0	0	0	0	
6	Plesiastrea versipora	27	Good	0	0	0	0	0	0	
7	Porites lutea	39	Good	0	0	0	0	0	0	
8	Favites pentagona	20	Good	0	0	0	0	0	0	
9	Platygyra carnosus	26	Good	0	0	0	0	0	0	
10	Acropora solitaryensis	28	Good	0	0	0	0	0	0	

Table 3.3 Sizes, Condition, Mortality, Bleaching and Sediment of 10 Natural Coral Colonies at Indirect Impact Site C2 during August 2024 Coral Monitoring Survey

Tag#	Species	Size (cm) - Max. Diameter	Condition	Mortality (%)		Bleachi	ng (%)	Sediment (%)	
				Baseline	21-Aug	Baseline	21-Aug	Baseline	21-Aug
1	Porites lutea	21	Good	0	0	0	0	0	0
2	Favites abdita	43	Good	0	0	0	0	0	0
3	Duncanopsammia peltata	45	Good	0	0	0	0	0	0
4	Dipsastraea veroni	20	Good	0	0	0	0	0	0
5	Favites pentagona	19	Good	0	0	0	0	0	0
6	Plesiastrea versipora	21	Good	0	0	0	0	0	0
7	Dipsastraea rotumana	21	Good	0	0	0	0	0	0
8	Dipsastraea speciosa	20	Good	0	0	0	0	0	0
9	Porites lutea	37	Good	0	0	0	0	0	0
10	Porites lutea	38	Good	0	0	0	0	0	0

Table 3.4 Sizes, Condition, Mortality, Bleaching and Sediment of 10 Natural Coral Colonies at Indirect Impact Site C3 during August 2024 Coral Monitoring Survey

Tag#	Species	Size (cm) - Max. Diameter	Condition	Mortal	ity (%)	Bleachi	ng (%)	Sedime	ent (%)
				Baseline	21-Aug	Baseline	21-Aug	Baseline	21-Aug
11	Acropora solitaryensis	37	Good	0	0	0	0	0	0
12	Platygyra carnosa	30	Good	0	0	0	0	0	0
13	Favites pentagona	33	Good	0	0	0	0	0	0
14	Platygyra carnosa	22	Good	0	0	0	0	0	0
15	Dipsastraea veroni	20	Fair	0	0	0	0	0	0
16#	Favites flexuosa	20	Good	0	0	0	0	0	0
17	Favites chinensis	51	Good	0	0	0	0	0	0
18	Plesiastrea versipora	22	Good	0	0	0	0	0	0

19	Duncanopsammia peltata	29	Good	0	0	0	0	0	0
20	Platygyra carnosus	23	Good	0	0	0	0	0	0

#newly tagged coral colony

#### 4. Discussion and Conclusion

- 4.1 The August 2024 coral monitoring survey were carried out in the indirect impact area (C2 and C3) and control site (C8) on 21<sup>st</sup> August 2024. A total of 30 tagged coral colonies (10 at control site and 20 and two indirect impact sites) were monitored. All coral colonies were good in general.
- 4.2 No sediment, bleaching or increased mortality in the general condition of all other tagged coral colonies were observed during the monthly operation phase monitoring period. No deterioration of the coral community was observed in the ecological monitoring results when compared with the baseline ecological monitoring results. There is no AL/LL exceedance during the monitoring period. Photos of each tagged corals colonies were taken and shown in Appendix A (Photo Plates A, B and C).

Figure 1 Two Proposed Indirect Impact Sites (C2 and C3) during Construction Phase

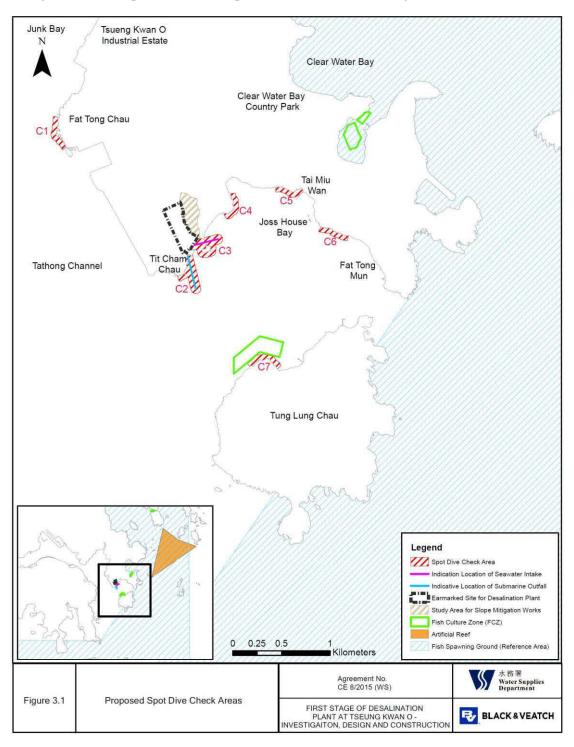


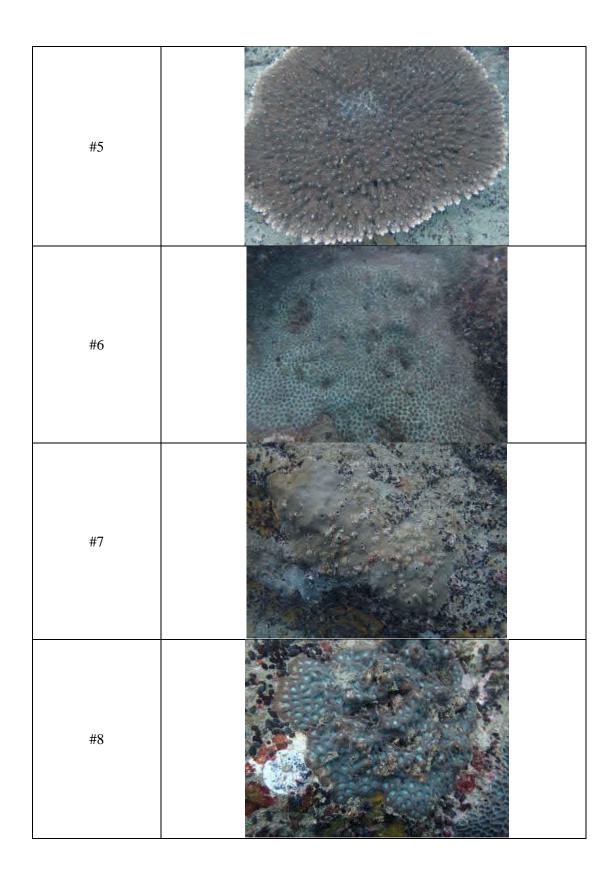
Figure 2 Proposed Control Site (C8) during Construction Phase



# APPENDIX A TAGGED CORAL PHOTO

**Photo Plate A Tagged Corals at Control Site C8** 

Photo Plate A Tagge	d Corals at Control Site C8
Tag #	d Corals at Control Site C8  21 <sup>st</sup> August 2024
#1	
#2	
#3	
#4	



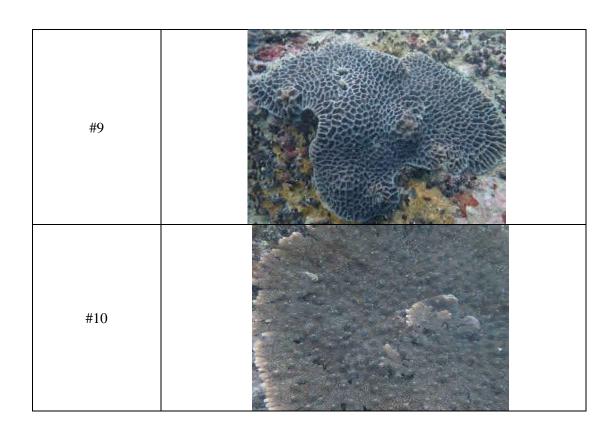
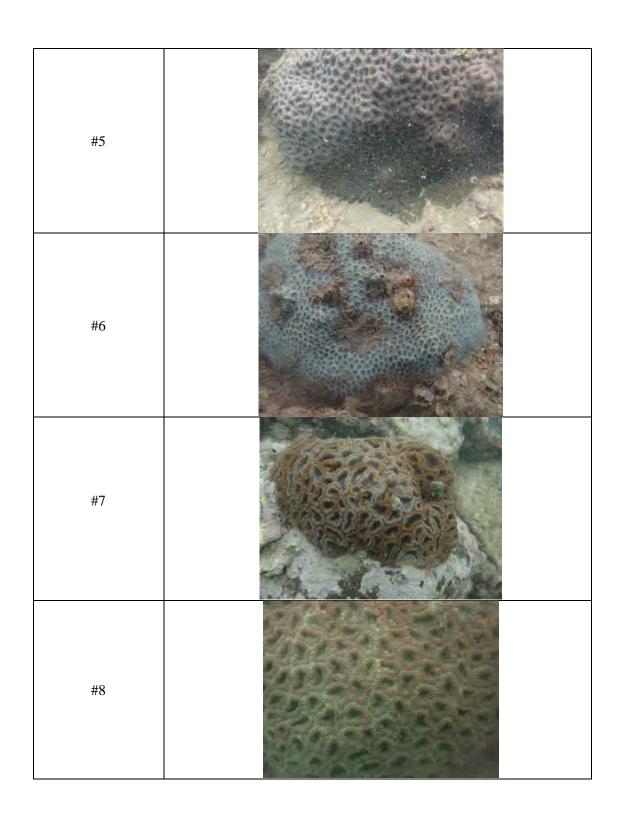
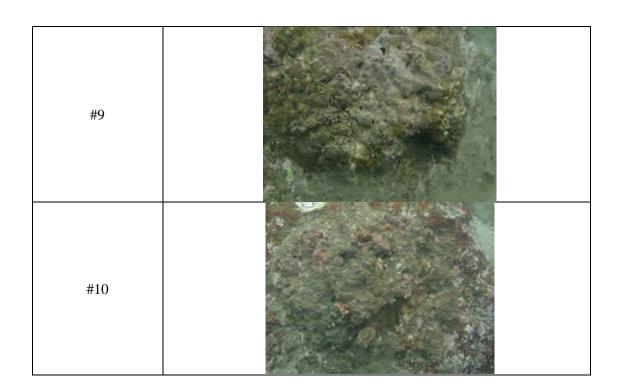


Photo Plate B Tagged Corals at Indirect Impact Site C2

Photo Plate B Tagged	d Corals at Indirect Impact Site C2 21 <sup>st</sup> August 2024
Tag #	21 <sup>st</sup> August 2024
#1	
#2	
#3	
#4	

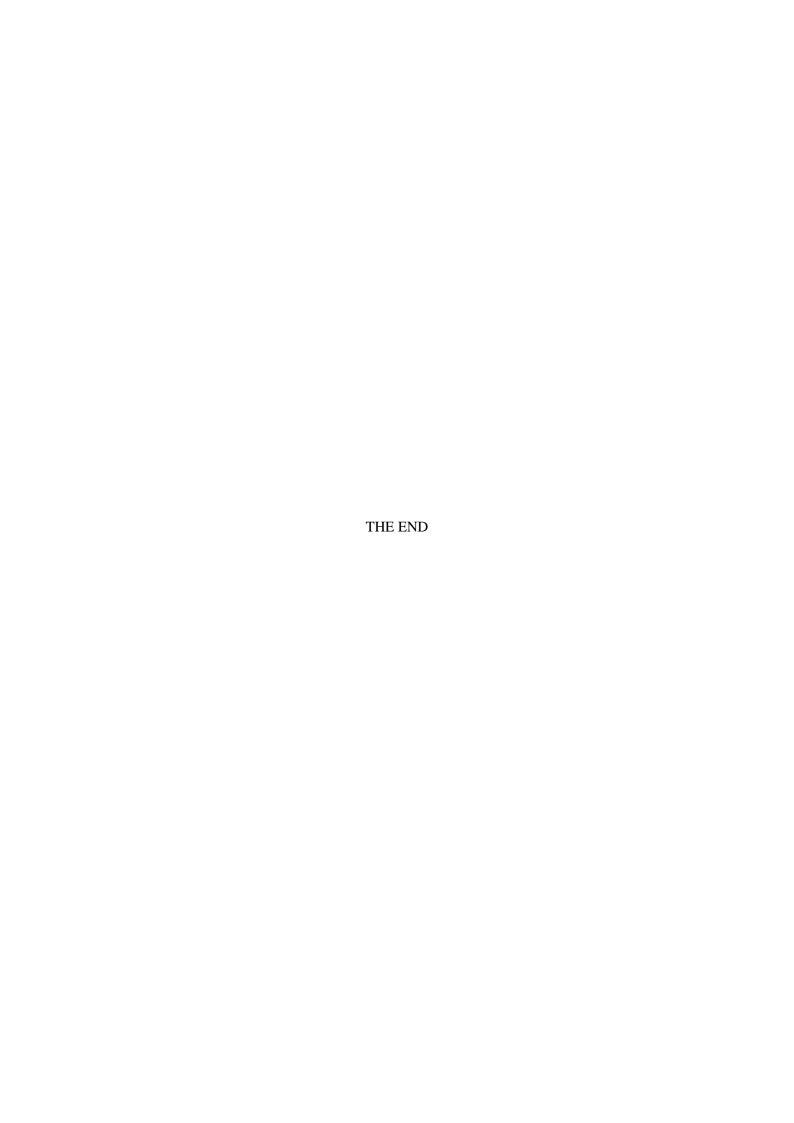




Pnoto Plate C Tagge	d Corals at Indirect Impact Site C3 21 <sup>th</sup> August 2024
Tag #	21 <sup>th</sup> August 2024
#11	
#12	
#13	
#14	

#15	
#16	
#17	
#18	
#19	









## Appendix I

Site Inspection Proforma





### WEEKLY ENVIRONMENTAL INSPECTION CHECKLIST

Inspecti	ion Date: 0	6 August 2024 Inspected by: ET: Toby Wan		rek Lai	WSD:	
Inspecti	ion Time: _ 1	4:30 Contractor: Tommy Law	IEC:			
Weath	er					
Condit	ion	✓ Sunny Fine Overcast Drizzle Rain	Storm	На	nzy	
Tempe	rature	30 °C Humidity ✓ High Moderate	Low			
Wind		Calm Light Breeze Strong				
Item No.	EIA ref.		N/A	Yes	No	Photo/Remarks
0.00	General	<u>I</u>				
0.01		Is the current Environmental Permit displayed conspicuously at all vehicle site				
		entrances/exits for public's information at any time?		✓		
0.02		Is ET Leader's log-book kept readily available for inspections?				
1.00	Ain Ouglit			<b>✓</b>		
	Air Qualit S4.8.2					
1.01	54.8.2	Is the the treatment and storage of the chemical sludge enclosed inside building structure?		✓		
1.02	S4.8.2	Is the sludge treatment equipped Forced ventilation system with sufficient air				
		change rate?	✓			
1.03	S4.8.2	Is the exhaust discharge directed away from ASRs as far as practicable?				
				✓		
1.04	S4.8.2	Is the chemical sludge produced at the desalination plant removed off-site regularly		1		
		to avoid accumulation of potentially odourous materials on site?				
1.05	S4.8.2	Is dewatered sludge to landfill handled and transported properly to minimise odour		<b></b>		
1.06	04.0.2	nuisance to nearby ASRs?				_
1.06	S4.8.2	Are the trucks fully enclosed during transporting the dewatered sludge to the landfill to minimise any off-site odour impact during the transportation process?		✓		
2.00	Waste Ma					
2.02	S8.5.2	Is a recording system implemented to record the amount of wastes generated,				
		recycled and disposed of?		✓		
2.03	S8.5.2	Is a trip-ticket system implemented to monitor the disposal of solid wastes at				
		public filling facilities and landfills?	<b>\</b>	Ш		
2.04	S8.5.2	Is the Contractor registered as a chemical waste producer?		<b>√</b>		
2.05	S8.5.2	Is chemical waste separated from other waste and collected by a licensed chemical				
		waste collector?				
2.06	S8.5.2	Are trip tickets for chemical waste disposal available for inspection?	<b>&gt;</b>			-
2.07	S8.5.2	Is drip tray provided for chemical storage?		<b>✓</b>		
2.08	S8.5.2	Are all containers for chemical waste properly labelled?		<b>√</b>		
2.09	S8.5.2	Is chemical waste storage area used solely for storage of chemical waste and				
		properly labelled?		<b>✓</b>		





Item No.	EIA ref.		N/A	Yes	No	Photo/Remarks
2.10	S8.5.2	Are incompatible chemical wastes stored in different areas?		<b>√</b>		
2.11	S8.5.2	Is the chemical waste storage area enclosed on at least 3 sides and adequately ventilated?		<b>✓</b>		
2.12	S8.5.2	Is an impermeable floor and bunding, of capacity to accommodate 110% of the volume of the largest container or of 20% by volume of the chemical waste stored in that area, whichever is the greatest, provide?		<b>√</b>		
2.13	S8.5.2	Are a routine cleaning and maintenance programme implemented for drainage systems, sump pits, and oil interceptors?		<b>√</b>		
2.14	S8.5.2	Are sufficient general refuse disposal/collection points provided on site?		<b>√</b>		
2.15	S8.5.2	Is general refuse disposed of properly and regularly?		<b>√</b>		
2.16	S8.5.2	Are appropriate measures adopted to minimize windblown litter and dust during transportation of waste?		<b>√</b>		
2.17	S8.5.2	Are individual collectors for aluminum cans, plastic bottles and packaging material and office paper provided to encourage waste segregation?		<b>√</b>		
2.18	S8.5.2	Is the dewatered sludge met the minimum dry solid content (30%) in the to be disposed of at landfills?		<b>✓</b>		
2.19	S8.5.2	Is a dumping license obtained to deliver public fill to public filling areas?	<b>\</b>			
3.00	Landscape	and Visual				
3.01	S11.10 & 11.11	Are Is site hoarding provided?		<b>√</b>		
	S11.10 & 11.11	Are vegetation disturbance minimized or soil protected to reduce potential soil erosion?		<b>√</b>		
3.03	S11.10 & 11.11	Is construction light oriented away from the sensitive receivers?		<b>√</b>		
	S11.10 & 11.11	Is grass hydroseeding provided to slopes as soon as the completion of works?		<b>√</b>		
	S11.10 & 11.11	Are damages to trees outside site boundary due construction works avoided?		<b>√</b>		
	S11.10 & 11.11	Are excavation works carried out manually instead of machinery operation within 2.5m vicinity of any preserved trees?	<b>✓</b>			
	S11.10 & 11.11	Are the retained and transplanted tree(s) properly protected and in good conditions?		<b>√</b>		
	S11.10 & 11.11	Are surgery works carried out for damaged trees?	<b>✓</b>			
4.00		Landfill Gas Hazard				
4.01	S12.7	Are the safety procedures implemented to minimise the risks of fires and explosions, asphyxiation of works and toxicity effects during all works?		<b>√</b>		
4.02	S12.7	Are the gas detection equipment and precautions being used during trenching and excavation as well as creation of confined spaces?		<b>√</b>		
4.03	S12.7	Are the training with regard to the awareness of potential hazards of working in confined spaces provided from the Contractor to the workers?		<b>✓</b>		





Item No.	EIA ref.		N/A	Yes	No	Photo/Remarks
4.04		Are the safety officers trained with regard to landfill gas and leachate related hazards and presented on the site throughout the works undertaken below grade?		<b>√</b>		
4.05	S12.7	Are the all personnel working on site and all visitor made aware of the possibility of ignition of gas, the possible presence of contaminated water and the need to avoid physical contact?		1		
4.06	S12.7	Is the monitoring of landfill gas being undertaken in all excavations, manholes, chambers and any confined spaces?	<b>√</b>			
4.07	S12.7	Are the monitoring frequency and areas being specified by the safety officers or appropriately qualified person? Are the all measurements being recorded and documented?	1			
4.08		Is the drilling proceeded with adequate care and precautions against the potential hazards?		<b>√</b>		
4.09	S12.7	Is the method statement covering all normal and emergency procedures provided by the drilling contractor prior to the commencement of the site works?	<b>√</b>			
4.10	S12.7	Are the below ground services entries being sealed to prevent gas entry? Are the grilled metal covers being used for below grade cable trenches?		<b>√</b>		
4.11	S12.7	Is each manhole or utility pit monitored with two measurements (at mid-depth and base) for minimum of 10 minutes? Is the steady reading and peak reading recorded at each manhole or utility pit?	<b>√</b>			
4.12	S12.7	Are the warning signs of the hazards of landfill gas and its possible presence on site posted in prominent places?		<b>√</b>		
5.00		Overall				
5.01		Is the EM&A properly implemented in general?		<b>√</b>		



# aurecon

Remark / Follow up of Observ	ation(s) and Non-compliance	(s) of Last Weekly Site	Inspection:	
Site Inspect	Van Date =	6 Ang 20	24.	
No major	abservation	was for	nd during si	te inspections
Sit		i#		
Signatures: ET Representative	Contractor's Representative	Supervising Office Representative	r's IEC's Representative	WSD's Representative
(Name: 70ky lakes)	(Name: Zmhv)	(Name:	(Name:	) (Name: )





### WEEKLY ENVIRONMENTAL INSPECTION CHECKLIST

Inspection Date: _		3 August 2024	Inspected by:				so: Derek Lai WSD:			
Inspecti	on Time:	4:30		Contractor:	ommy Law	IEC:				
Weath	er									
Condit	Condition Sunny Fine			Drizzle	Rain	Storm	На	nzy		
Tempe	rature	<b>29</b> °C	Humidity	√ High	Moderate	Low				
Wind		<b>√</b> Calm Light	Breeze	Strong						
Item No.	EIA ref.					N/A	Yes	No	Photo/Remarks	
0.00	General	ı								
0.01		Is the current Environmental Perr	nit displayed co	nspicuously at	all vehicle site	<del> </del>				
		entrances/exits for public's inform	nation at any tir	ne?			✓			
0.02		Is ET Leader's log-book kept read	dily available fo	or inspections?			<b>√</b>			
1.00	Air Quali	ty								
	S4.8.2	Is the the treatment and storage of	f the chemical s	ludge enclosed	inside building	+				
		structure?					✓		-	
1.02	S4.8.2	Is the sludge treatment equippe	d Forced venti	lation system	with sufficient air					
		change rate?						ш		
1.03	S4.8.2	Is the exhaust discharge directed	away from ASR	es as far as prac	eticable?		<b>√</b>			
1.04	S4.8.2	Is the chemical sludge produced a	at the desalination	on plant remov	ed off-site regularl	у				
		to avoid accumulation of potentia	ally odourous ma	aterials on site	?		<b>√</b>			
1.05	S4.8.2	Is dewatered sludge to landfill ha	ndled and transp	ported properly	to minimise odou	r _				
		nuisance to nearby ASRs?					<b>√</b>			
1.06	S4.8.2	Are the trucks fully enclosed duri			_		1			
		landfill to minimise any off-site of	dour impact du	ring the transpo	ortation process?					
2.00		nagement								
2.02	S8.5.2	Is a recording system implemente recycled and disposed of?	ed to record the	amount of was	tes generated,		<b>✓</b>			
2.03	S8.5.2	Is a trip-ticket system implemen	nted to monitor	the disposal	of solid wastes at					
		public filling facilities and landfil	lls?			<b>✓</b>			-	
	S8.5.2	Is the Contractor registered as a c	-				✓			
2.05	S8.5.2	Is chemical waste separated from waste collector?	other waste and	d collected by a	licensed chemical		<b>√</b>			
2.06	S8.5.2	Are trip tickets for chemical wast	e disposal avail	able for inspec	tion?	<b>✓</b>				
2.07	S8.5.2	Is drip tray provided for chemical	storage?							
2.08	S8.5.2	Are all containers for chemical w	aste properly la	belled?		† <u> </u>				
2.00	0050	Is shomical waste stars as account	ad colols for st	maga of above	ol wooto and		<u> </u>		-	
2.09	S8.5.2	Is chemical waste storage area use properly labelled?	eu soiety for sto	nage of chemic	ai waste and		<b>√</b>			
	<u> </u>	Γ΄								





Item No.	EIA ref.		N/A	Yes	No	Photo/Remarks
2.10	S8.5.2	Are incompatible chemical wastes stored in different areas?		<b>√</b>		
2.11	S8.5.2	Is the chemical waste storage area enclosed on at least 3 sides and adequately ventilated?		<b>✓</b>		
2.12	S8.5.2	Is an impermeable floor and bunding, of capacity to accommodate 110% of the volume of the largest container or of 20% by volume of the chemical waste stored in that area, whichever is the greatest, provide?		<b>√</b>		
2.13	S8.5.2	Are a routine cleaning and maintenance programme implemented for drainage systems, sump pits, and oil interceptors?		<b>√</b>		
2.14	S8.5.2	Are sufficient general refuse disposal/collection points provided on site?		<b>√</b>		
2.15	S8.5.2	Is general refuse disposed of properly and regularly?		<b>√</b>		
2.16	S8.5.2	Are appropriate measures adopted to minimize windblown litter and dust during transportation of waste?		<b>√</b>		
2.17	S8.5.2	Are individual collectors for aluminum cans, plastic bottles and packaging material and office paper provided to encourage waste segregation?		<b>√</b>		
2.18	S8.5.2	Is the dewatered sludge met the minimum dry solid content (30%) in the to be disposed of at landfills?		<b>✓</b>		
2.19	S8.5.2	Is a dumping license obtained to deliver public fill to public filling areas?	<b>\</b>			
3.00	Landscape	and Visual				
3.01	S11.10 & 11.11	Are Is site hoarding provided?		<b>√</b>		
	S11.10 & 11.11	Are vegetation disturbance minimized or soil protected to reduce potential soil erosion?		<b>√</b>		
3.03	S11.10 & 11.11	Is construction light oriented away from the sensitive receivers?		<b>√</b>		
	S11.10 & 11.11	Is grass hydroseeding provided to slopes as soon as the completion of works?		<b>√</b>		
	S11.10 & 11.11	Are damages to trees outside site boundary due construction works avoided?		<b>√</b>		
	S11.10 & 11.11	Are excavation works carried out manually instead of machinery operation within 2.5m vicinity of any preserved trees?	<b>√</b>			
	S11.10 & 11.11	Are the retained and transplanted tree(s) properly protected and in good conditions?		<b>√</b>		
	S11.10 & 11.11	Are surgery works carried out for damaged trees?	<b>✓</b>			
4.00		Landfill Gas Hazard				
4.01	S12.7	Are the safety procedures implemented to minimise the risks of fires and explosions, asphyxiation of works and toxicity effects during all works?		<b>√</b>		
4.02	S12.7	Are the gas detection equipment and precautions being used during trenching and excavation as well as creation of confined spaces?		<b>√</b>		
4.03	S12.7	Are the training with regard to the awareness of potential hazards of working in confined spaces provided from the Contractor to the workers?		<b>✓</b>		





Item No.	EIA ref.		N/A	Yes	No	Photo/Remarks
4.04		Are the safety officers trained with regard to landfill gas and leachate related hazards and presented on the site throughout the works undertaken below grade?		<b>√</b>		
4.05	S12.7	Are the all personnel working on site and all visitor made aware of the possibility of ignition of gas, the possible presence of contaminated water and the need to avoid physical contact?		1		
4.06	S12.7	Is the monitoring of landfill gas being undertaken in all excavations, manholes, chambers and any confined spaces?	<b>√</b>			
4.07	S12.7	Are the monitoring frequency and areas being specified by the safety officers or appropriately qualified person? Are the all measurements being recorded and documented?	1			
4.08		Is the drilling proceeded with adequate care and precautions against the potential hazards?		<b>√</b>		
4.09	S12.7	Is the method statement covering all normal and emergency procedures provided by the drilling contractor prior to the commencement of the site works?	<b>√</b>			
4.10	S12.7	Are the below ground services entries being sealed to prevent gas entry? Are the grilled metal covers being used for below grade cable trenches?		<b>√</b>		
4.11	S12.7	Is each manhole or utility pit monitored with two measurements (at mid-depth and base) for minimum of 10 minutes? Is the steady reading and peak reading recorded at each manhole or utility pit?	<b>√</b>			
4.12	S12.7	Are the warning signs of the hazards of landfill gas and its possible presence on site posted in prominent places?		<b>√</b>		
5.00		Overall				
5.01		Is the EM&A properly implemented in general?		<b>√</b>		



# **áurecon**

) (Name:

ark / Follow (	up of Observation	n(s) and Non-compliance	s) of Last Weekly Site	Inspection:	
		Date: 13	9		-24
Mo	Majoc	o pservation	was fer	and during	site inspecti
Signatures	e .				
ET Representa	1	ontractor's epresentative	Supervising Office Representative		WSD's Representative





### WEEKLY ENVIRONMENTAL INSPECTION CHECKLIST

Inspecti	on Date:	20 August 2024	Inspected by:		oby Wan	SO: Alan Lung WSD:			
Inspecti	on Time:	14:30		Contractor:	ommy Law	IEC:			
Weath	er								
Condit	Condition Sunny Fine			Drizzle	Rain	Storm	На	nzy	
Tempe	rature	27 °C	Humidity	√ High	Moderate	Low			
Wind		<b>√</b> Calm Light	Breeze	Strong					
Item No.	EIA ref.					N/A	Yes	No	Photo/Remarks
0.00	General								
0.01		Is the current Environmental Peri	nit displayed co	onspicuously at	all vehicle site				
		entrances/exits for public's information		-			✓		
0.02		Is ET Leader's log-book kept rea	dily available fo	or inspections?					
1 00	Air Quali	tv				+			
	S4.8.2	<u>-</u>	f the chemical	ludgo omalas: 1	incido buildino				
1.01	54.8.2	Is the the treatment and storage of structure?	i the chemical s	iuage enciosea	inside building		✓		
1.02	S4.8.2	Is the sludge treatment equippe	d Forced venti	lation system	with sufficient air	r l			
		change rate?		•		<b>✓</b>			
1.03	S4.8.2	Is the exhaust discharge directed	away from ASF	Rs as far as prac	ticable?	$\top \overline{}$			
							<b>✓</b>		-
1.04	S4.8.2	Is the chemical sludge produced		=	_	ly	✓		
		to avoid accumulation of potentia					<u> </u>		
1.05	S4.8.2	Is dewatered sludge to landfill han nuisance to nearby ASRs?	ndled and trans	ported properly	to minimise odou	r	<b>/</b>		
1.06	S4.8.2	Are the trucks fully enclosed duri	ing transporting	the dewatered	sludge to the				
1.00	54.0.2	landfill to minimise any off-site of			_		✓		
2.00	Waste Ma	nagement			<u> </u>				
2.02	S8.5.2	Is a recording system implemente	ed to record the	amount of was	es generated,	<b>†</b>			
		recycled and disposed of?					✓		
2.03	S8.5.2	Is a trip-ticket system impleme		r the disposal	of solid wastes a	t 🗸			
		public filling facilities and landfi							
2.04	S8.5.2	Is the Contractor registered as a c	hemical waste p	producer?			✓		
2.05	S8.5.2	Is chemical waste separated from	other waste and	d collected by a	licensed chemica				
		waste collector?					<b>√</b>		
2.06	S8.5.2	Are trip tickets for chemical wast	e disposal avail	able for inspect	ion?	<b>√</b>			
2.07	S8.5.2	Is drip tray provided for chemica	l storage?				<b>√</b>		
2.08	S8.5.2	Are all containers for chemical w	aste properly la	belled?		+			
			1 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3				✓		
2.09	S8.5.2	Is chemical waste storage area us	ed solely for sto	orage of chemic	al waste and				
		properly labelled?							





Item No.	EIA ref.		N/A	Yes	No	Photo/Remarks
2.10	S8.5.2	Are incompatible chemical wastes stored in different areas?		<b>√</b>		
2.11	S8.5.2	Is the chemical waste storage area enclosed on at least 3 sides and adequately ventilated?		<b>✓</b>		
2.12	S8.5.2	Is an impermeable floor and bunding, of capacity to accommodate 110% of the volume of the largest container or of 20% by volume of the chemical waste stored in that area, whichever is the greatest, provide?		<b>√</b>		
2.13	S8.5.2	Are a routine cleaning and maintenance programme implemented for drainage systems, sump pits, and oil interceptors?		<b>√</b>		
2.14	S8.5.2	Are sufficient general refuse disposal/collection points provided on site?		<b>√</b>		
2.15	S8.5.2	Is general refuse disposed of properly and regularly?		<b>√</b>		
2.16	S8.5.2	Are appropriate measures adopted to minimize windblown litter and dust during transportation of waste?		<b>√</b>		
2.17	S8.5.2	Are individual collectors for aluminum cans, plastic bottles and packaging material and office paper provided to encourage waste segregation?		<b>√</b>		
2.18	S8.5.2	Is the dewatered sludge met the minimum dry solid content (30%) in the to be disposed of at landfills?		<b>✓</b>		
2.19	S8.5.2	Is a dumping license obtained to deliver public fill to public filling areas?	<b>\</b>			
3.00	Landscape	and Visual				
3.01	S11.10 & 11.11	Are Is site hoarding provided?		<b>√</b>		
	S11.10 & 11.11	Are vegetation disturbance minimized or soil protected to reduce potential soil erosion?		<b>√</b>		
3.03	S11.10 & 11.11	Is construction light oriented away from the sensitive receivers?		<b>√</b>		
	S11.10 & 11.11	Is grass hydroseeding provided to slopes as soon as the completion of works?		<b>√</b>		
	S11.10 & 11.11	Are damages to trees outside site boundary due construction works avoided?		<b>√</b>		
	S11.10 & 11.11	Are excavation works carried out manually instead of machinery operation within 2.5m vicinity of any preserved trees?	<b>√</b>			
	S11.10 & 11.11	Are the retained and transplanted tree(s) properly protected and in good conditions?		<b>√</b>		
	S11.10 & 11.11	Are surgery works carried out for damaged trees?	<b>✓</b>			
4.00		Landfill Gas Hazard				
4.01	S12.7	Are the safety procedures implemented to minimise the risks of fires and explosions, asphyxiation of works and toxicity effects during all works?		<b>√</b>		
4.02	S12.7	Are the gas detection equipment and precautions being used during trenching and excavation as well as creation of confined spaces?		<b>√</b>		
4.03	S12.7	Are the training with regard to the awareness of potential hazards of working in confined spaces provided from the Contractor to the workers?		<b>✓</b>		





Item No.	EIA ref.		N/A	Yes	No	Photo/Remarks
4.04		Are the safety officers trained with regard to landfill gas and leachate related hazards and presented on the site throughout the works undertaken below grade?		<b>√</b>		
4.05	S12.7	Are the all personnel working on site and all visitor made aware of the possibility of ignition of gas, the possible presence of contaminated water and the need to avoid physical contact?		1		
4.06	S12.7	Is the monitoring of landfill gas being undertaken in all excavations, manholes, chambers and any confined spaces?	<b>√</b>			
4.07	S12.7	Are the monitoring frequency and areas being specified by the safety officers or appropriately qualified person? Are the all measurements being recorded and documented?	1			
4.08		Is the drilling proceeded with adequate care and precautions against the potential hazards?		<b>√</b>		
4.09	S12.7	Is the method statement covering all normal and emergency procedures provided by the drilling contractor prior to the commencement of the site works?	<b>√</b>			
4.10	S12.7	Are the below ground services entries being sealed to prevent gas entry? Are the grilled metal covers being used for below grade cable trenches?		<b>√</b>		
4.11	S12.7	Is each manhole or utility pit monitored with two measurements (at mid-depth and base) for minimum of 10 minutes? Is the steady reading and peak reading recorded at each manhole or utility pit?	<b>√</b>			
4.12	S12.7	Are the warning signs of the hazards of landfill gas and its possible presence on site posted in prominent places?		<b>√</b>		
5.00		Overall				
5.01		Is the EM&A properly implemented in general?		<b>√</b>		



# aurecon

### Contract no. 13/WSD/17 Design Build and Operate Fir

Cu	mu acc	10. 15/115	Dili Design, Dunu a	nd Operate Fi	ist Stage of 18	eung Kwan C	De	saimation Fi	ant
Remark	/ Follow	up of Observat	tion(s) and Non-compliance	(s) of Last Weekly	Site Inspection:				
2î	te 1	nspection	Date > 20	Aug 202	4				
	No	májo	c observation	~ UAS	found	during	si	te inspec	dí oc
s	ignatur	es:		0					
Е	T epresen	4	Contractor's Representative	Supervising O Representative		"s resentative		VSD's Representative	
(I	Name:	(dey Wan)	(Name: Tmb)	(Name: Lug	Vallam) (Na	me:	) (	Name:	)





### WEEKLY ENVIRONMENTAL INSPECTION CHECKLIST

Inspecti	on Date:	26/08/2024	Inspected by:		oby Wan ommy Law		erek Lai erena Shek		: W.P. Ho
Inspecti	on Time:	9:30		Contractor:	Ominy Law	IEC:	ereria Srier	\	
Weath	er								
Condit	ion	<b>√</b> Sunny Fine	Overcast	Drizzle	Rain	Storm	Н	azy	
Tempe	rature	31 °C	Humidity	√ High	Moderate	Low			
Wind		<b>√</b> Calm Light	Breeze	Strong					
Item No.	EIA ref.					N/A	Yes	No	Photo/Remarks
0.00	General								
0.01		Is the current Environmental Per	mit displayed co	nspicuously at	all vehicle site				
		entrances/exits for public's infor	mation at any tir	ne?			✓		-
0.02		Is ET Leader's log-book kept rea	dily available fo	or inspections?		$\top$			
	41.0.1						<b>▼</b>		
	Air Quali	<u> </u>							
1.01	S4.8.2	Is the the treatment and storage of	of the chemical s	ludge enclosed	inside building		<b>√</b>		
1.02	0400	structure?	15 1 2	1					
1.02	S4.8.2	Is the sludge treatment equipped	ed Forced venti	lation system	with sufficient a	ır 🗸			
1.02	64.9.2	change rate?	6 A CIT	) C	.d 1.1 - 0				
1.03	S4.8.2	Is the exhaust discharge directed	away from ASR	ks as far as prac	cticable?		✓		
1.04	S4.8.2	Is the chemical sludge produced	at the desalination	on plant remov	ed off-site regular	·ly			
		to avoid accumulation of potentia	ally odourous ma	aterials on site	?		✓		-
1.05	S4.8.2	Is dewatered sludge to landfill ha	andled and transp	ported properly	to minimise odou	ur			
		nuisance to nearby ASRs?					<b>✓</b>		-
1.06	S4.8.2	Are the trucks fully enclosed dur	ing transporting	the dewatered	sludge to the				
		landfill to minimise any off-site	odour impact du	ring the transpo	ortation process?				-
2.00	Waste Ma	nnagement							
2.02	S8.5.2	Is a recording system implement	ed to record the	amount of was	tes generated,				
		recycled and disposed of?					<u> </u>		
2.03	S8.5.2	Is a trip-ticket system impleme		the disposal	of solid wastes a	at 🗸			
		public filling facilities and landfi							
2.04	S8.5.2	Is the Contractor registered as a o	chemical waste p	producer?			✓		
2.05	S8.5.2	Is chemical waste separated from	other waste and	d collected by a	licensed chemica	al			
		waste collector?					<b>√</b>		
2.06	S8.5.2	Are trip tickets for chemical was	te disposal avail	able for inspec	tion?	<b>√</b>			
2.07	S8.5.2	Is drip tray provided for chemica	l storage?						
							✓	Ш	
2.08	S8.5.2	Are all containers for chemical w	vaste properly la	belled?			<b>√</b>		
2.09	S8.5.2	Is chemical waste storage area us	sed solely for sto	orage of chemic	al waste and				-
		properly labelled?	y -u- 000	<i>G</i> :			✓		





Item No.	EIA ref.		N/A	Yes	No	Photo/Remarks
2.10	S8.5.2	Are incompatible chemical wastes stored in different areas?		<b>√</b>		
2.11	S8.5.2	Is the chemical waste storage area enclosed on at least 3 sides and adequately ventilated?		<b>✓</b>		
2.12	S8.5.2	Is an impermeable floor and bunding, of capacity to accommodate 110% of the volume of the largest container or of 20% by volume of the chemical waste stored in that area, whichever is the greatest, provide?		<b>√</b>		
2.13	S8.5.2	Are a routine cleaning and maintenance programme implemented for drainage systems, sump pits, and oil interceptors?		<b>√</b>		
2.14	S8.5.2	Are sufficient general refuse disposal/collection points provided on site?		<b>√</b>		
2.15	S8.5.2	Is general refuse disposed of properly and regularly?		<b>√</b>		
2.16	S8.5.2	Are appropriate measures adopted to minimize windblown litter and dust during transportation of waste?		<b>√</b>		
2.17	S8.5.2	Are individual collectors for aluminum cans, plastic bottles and packaging material and office paper provided to encourage waste segregation?		<b>√</b>		
2.18	S8.5.2	Is the dewatered sludge met the minimum dry solid content (30%) in the to be disposed of at landfills?		<b>✓</b>		
2.19	S8.5.2	Is a dumping license obtained to deliver public fill to public filling areas?	<b>\</b>			
3.00	Landscape	and Visual				
3.01	S11.10 & 11.11	Are Is site hoarding provided?		<b>√</b>		
	S11.10 & 11.11	Are vegetation disturbance minimized or soil protected to reduce potential soil erosion?		<b>√</b>		
3.03	S11.10 & 11.11	Is construction light oriented away from the sensitive receivers?		<b>√</b>		
	S11.10 & 11.11	Is grass hydroseeding provided to slopes as soon as the completion of works?		<b>√</b>		
	S11.10 & 11.11	Are damages to trees outside site boundary due construction works avoided?		<b>√</b>		
	S11.10 & 11.11	Are excavation works carried out manually instead of machinery operation within 2.5m vicinity of any preserved trees?	<b>√</b>			
	S11.10 & 11.11	Are the retained and transplanted tree(s) properly protected and in good conditions?		<b>√</b>		
	S11.10 & 11.11	Are surgery works carried out for damaged trees?	<b>✓</b>			
4.00		Landfill Gas Hazard				
4.01	S12.7	Are the safety procedures implemented to minimise the risks of fires and explosions, asphyxiation of works and toxicity effects during all works?		<b>√</b>		
4.02	S12.7	Are the gas detection equipment and precautions being used during trenching and excavation as well as creation of confined spaces?		<b>√</b>		
4.03	S12.7	Are the training with regard to the awareness of potential hazards of working in confined spaces provided from the Contractor to the workers?		<b>✓</b>		





Item No.	EIA ref.		N/A	Yes	No	Photo/Remarks
4.04		Are the safety officers trained with regard to landfill gas and leachate related hazards and presented on the site throughout the works undertaken below grade?		<b>√</b>		
4.05	S12.7	Are the all personnel working on site and all visitor made aware of the possibility of ignition of gas, the possible presence of contaminated water and the need to avoid physical contact?		1		
4.06	S12.7	Is the monitoring of landfill gas being undertaken in all excavations, manholes, chambers and any confined spaces?	<b>√</b>			
4.07	S12.7	Are the monitoring frequency and areas being specified by the safety officers or appropriately qualified person? Are the all measurements being recorded and documented?	1			
4.08		Is the drilling proceeded with adequate care and precautions against the potential hazards?		<b>√</b>		
4.09	S12.7	Is the method statement covering all normal and emergency procedures provided by the drilling contractor prior to the commencement of the site works?	<b>√</b>			
4.10	S12.7	Are the below ground services entries being sealed to prevent gas entry? Are the grilled metal covers being used for below grade cable trenches?		<b>√</b>		
4.11	S12.7	Is each manhole or utility pit monitored with two measurements (at mid-depth and base) for minimum of 10 minutes? Is the steady reading and peak reading recorded at each manhole or utility pit?	<b>√</b>			
4.12	S12.7	Are the warning signs of the hazards of landfill gas and its possible presence on site posted in prominent places?		<b>√</b>		
5.00		Overall				
5.01		Is the EM&A properly implemented in general?		<b>√</b>		



# aurecon

Con	tract no. 15/ W	SD/17 Design, Buil	id and Operate	e First Stage	or iseung Kwai	1 O Desamation Flant
Remark /	Follow up of Obser	vation(s) and Non-compli	ance(s) of Last Wee	ekly Site Inspecti	on:	
54	le Inspecti	on Date:	26 Aug	Ysas		
No	major	observation	was for	nd du	ng site	inspection.
Sim	2011					
ET	oresentative	Contractor's Representative	Supervisin Representa	ng Officer's	IEC's Representative	WSD's Representative
(Na	me: Toby Wan	(Name: Try (	(Name:	seblas	(Name: Serena Shek	) (Name: H) WAI (M)





## Appendix J

Complaint Log





### **Statistical Summary of Environmental Complaints**

D .: D . I	En	vironmental Complai	nt Statistics
Reporting Period	Frequency	Cumulative	Complaint Nature
1 - 31 Aug 2024	0	2	N/A

### Statistical Summary of Environmental Summons

Domanting David	Environmental Summons Statistics							
Reporting Period	Frequency	Cumulative	Details					
1 - 31 Aug 2024	0	0	N/A					

### Statistical Summary of Environmental Prosecution

D D	Environmental Prosecution Statistics								
Reporting Period	Frequency	Cumulative	Details						
1 - 31 Aug 2024	0	0	N/A						





## Appendix K

Exceedance Report (s)





### **Bi-Weekly Incident Report on Action Level or Limit Level Non-Compliance**

Date of	Monitoring	Tide	Parameter	Measurement Result	Sampling	Depth Average Result		on Level mg/L)		nit Level mg/L)	Exceedance	Marine construction activities with	Exceedance related to		Reaso	ns of non-pr	•	elated
exceedance	Station			(mg/L)	depth	(mg/L)	95%- ile	Control 120%	99%- ile	Control 130%		contact with water (Y/N)	Project (Y/N)	(1)	(2)	(3) (4)	(5)	(6) (7)
01/08/2024	NF3	Ebb	Suspended Solid (SS)			5.67	5.00	6.40	6.00	6.93	Action Level	N	N	✓	✓	<b>√ √</b>	✓	✓
03/08/2024	WSR36	Ebb	Suspended Solid (SS)			3.17	5.00	3.10	6.00	3.36	Action Level	N	N		✓	✓	✓	<b>✓</b>
	WSR1	Ebb	Suspended Solid (SS)			3.50	5.00	3.30	6.00	3.58	Action Level	N	N		✓		✓	✓
	WSR2	Ebb	Suspended Solid (SS)			4.50	5.00	3.30	6.00	3.58	Limit Level	N	N		✓		✓	<b>✓</b>
	WSR3	Ebb	Suspended Solid (SS)			6.83	5.00	3.30	6.00	3.58	Limit Level	N	N		✓		✓	✓
	WSR4	Ebb	Suspended Solid (SS)			3.67	5.00	3.30	6.00	3.58	Limit Level	N	N		✓		✓	✓
05/08/2024	WSR16	Ebb	Suspended Solid (SS)			3.08	5.00	3.30	6.00	3.58	Action Level	N	N		✓		✓	✓
03/06/2024	WSR33	Ebb	Suspended Solid (SS)			4.08	5.00	3.30	6.00	3.58	Limit Level	N	N		✓		✓	✓
	WSR37	Ebb	Suspended Solid (SS)			3.50	5.00	3.30	6.00	3.58	Action Level	N	N		✓		✓	✓
	NF1	Ebb	Suspended Solid (SS)			3.50	5.00	3.30	6.00	3.58	Action Level	N	N		✓		✓	✓
	NF2	Ebb	Suspended Solid (SS)			5.00	5.00	3.30	6.00	3.58	Limit Level	N	N		✓		✓	✓
	NF3	Ebb	Suspended Solid (SS)			3.58	5.00	3.30	6.00	3.58	Action Level	N	N		✓		✓	✓
07/08/2024	WSR36	Flood	Suspended Solid (SS)			5.33	5.00	3.80	6.00	4.12	Limit Level	N	N		✓	✓	✓	✓
07/00/2024	WSR37	Flood	Suspended Solid (SS)			5.17	5.00	3.80	6.00	4.12	Limit Level	N	N		✓	✓	✓	✓
	WSR2	Ebb	Suspended Solid (SS)			5.25	5.00	3.80	6.00	4.12	Limit Level	N	N		✓	✓	✓	✓
	WSR3	Ebb	Suspended Solid (SS)			4.75	5.00	3.80	6.00	4.12	Limit Level	N	N		✓	✓	✓	✓
	WSR4	Ebb	Suspended Solid (SS)			11.17	5.00	3.80	6.00	4.12	Limit Level	N	N		✓	✓	✓	✓
	WSR16	Ebb	Suspended Solid (SS)			7.00	5.00	3.80	6.00	4.12	Limit Level	N	N		✓	✓	✓	✓
13/08/2024	WSR33	Ebb	Suspended Solid (SS)			8.83	5.00	3.80	6.00	4.12	Limit Level	N	N		✓	✓	✓	✓
13/00/2024	WSR36	Ebb	Suspended Solid (SS)			4.42	5.00	3.80	6.00	4.12	Limit Level	N	N		✓	✓	✓	✓
	WSR37	Ebb	Suspended Solid (SS)			5.42	5.00	3.80	6.00	4.12	Limit Level	N	N		✓	✓	✓	✓
	NF1	Ebb	Suspended Solid (SS)			4.33	5.00	3.80	6.00	4.12	Limit Level	N	N		✓	✓	✓	✓
	NF2	Ebb	Suspended Solid (SS)			11.33	5.00	3.80	6.00	4.12	Limit Level	N	N		✓	✓	✓	✓
	NF3	Ebb	Suspended Solid (SS)			6.5	5.00	3.80	6.00	4.12	Limit Level	N	N		✓	✓	✓	✓
	WSR1	Ebb	Suspended Solid (SS)			5.17	5.00	3.50	6.00	3.79	Limit Level	N	N		✓	✓	✓	✓
	WSR2	Ebb	Suspended Solid (SS)			6.08	5.00	3.50	6.00	3.79	Limit Level	N	N		✓	✓	✓	✓
15/08/2024	WSR3	Ebb	Suspended Solid (SS)			11.67	5.00	3.50	6.00	3.79	Limit Level	N	N		✓	✓	✓	✓
	WSR4	Ebb	Suspended Solid (SS)			11.17	5.00	3.50	6.00	3.79	Limit Level	N	N		✓	✓	✓	✓
	WSR16	Ebb	Suspended Solid (SS)			13.17	5.00	3.50	6.00	3.79	Limit Level	N	N		✓	✓	✓	✓





Date of	Monitoring	Tide	Parameter	Measurement Result	Sampling	Depth Average Result		ion Level mg/L)		nit Level mg/L)	Exceedance	Marine construction activities with	Exceedance related to	F	Reaso		non-pro	•	elated	
exceedance	Station			(mg/L)	depth	(mg/L)	95%- ile	Control 120%	99%- ile	Control 130%		contact with water (Y/N)	Project (Y/N)	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	WSR33	Ebb	Suspended Solid (SS)			10.50	5.00	3.50	6.00	3.79	Limit Level	N	N		✓	✓		✓	<b>✓</b>	 
	WSR36	Ebb	Suspended Solid (SS)			13.50	5.00	3.50	6.00	3.79	Limit Level	N	N		✓	✓		✓	<b>✓</b>	
	WSR37	Ebb	Suspended Solid (SS)			13.83	5.00	3.50	6.00	3.79	Limit Level	N	N		✓	✓		✓	✓	
	NF1	Ebb	Suspended Solid (SS)			9.00	5.00	3.50	6.00	3.79	Limit Level	N	N		✓	✓		✓	✓	
	NF2	Ebb	Suspended Solid (SS)			14.50	5.00	3.50	6.00	3.79	Limit Level	N	N		✓	✓		✓	✓	
	NF3	Ebb	Suspended Solid (SS)			11.83	5.00	3.50	6.00	3.79	Limit Level	N	N		✓	✓		✓	✓	

- 1) Control station value already exceed either the Action or Limit Level.
- 2) No silt plume or pollution discharge from site area was observed.
- 3) Rainfall was recorded at Tseung Kwan O during the monitoring period, rainfall may lead to release of SS content form the soil of the nearby lands (e.g., Country Park, fill bank).
- 4) No action and limit level exceedance observed at WSR37 (Outfall Shaft).
- 5) Marine construction activity was completed.
- 6) No operation activities related to the release of SS in the reporting period.
- 7) Water quality mitigation measures were observed maintained / implemented properly (double silt curtain).

#### Conclusion:

During water quality monitoring on 1, 3, 5, 7, 13 and 15 August 2024, two (2) Limit Level exceedances were recorded during mid-flood tide and seven (7) Action Level, and twenty-six (26) Limit Level exceedances were recorded during mid-ebb. Total seven (7) Action Level and twenty-eight (28) Limit Level exceedances for SS of impact water quality monitoring were recorded between 1 August to 15 August 2024.

The marine construction works were completed on 1 September 2023. The commissioning activities were shown in the table below.

The desalination plant and the outfall shaft work normally.

After investigation, all exceedances were considered non-project related.

#### **Operation Activities:**

1 August 2024	3 August 2024
<ul> <li>Production of desalinated water</li> <li>Water sampling and analysis</li> <li>Actidaff backwash</li> </ul>	<ul> <li>Production of desalinated water</li> <li>Water sampling and analysis</li> </ul>
5August 2024	7 August 2024
<ul> <li>Production of desalinated water</li> <li>Water sampling and analysis</li> <li>Actidaff backwash</li> </ul>	<ul> <li>Production of desalinated water</li> <li>Water sampling and analysis</li> </ul>
13 August 2024	15 August 2024
<ul><li>Production of desalinated water</li><li>Water sampling and analysis</li></ul>	<ul> <li>Production of desalinated water</li> <li>Water sampling and analysis</li> <li>Actidaff backwash</li> </ul>





**Supporting Photo:** 

Date of				
exceedance		Monitorii	ng station(s)	
01/08/2024	NF3			
03/08/2024	WSR36			
05/08/2024				
	WSR1	WSR2	WSR3	WSR4





Date of		Monitorin	g station(s)
exceedance			
	WSR33	WSR37	
	NF1	NF2	NF3
07/08/2024			
	WSR36	WSR37	

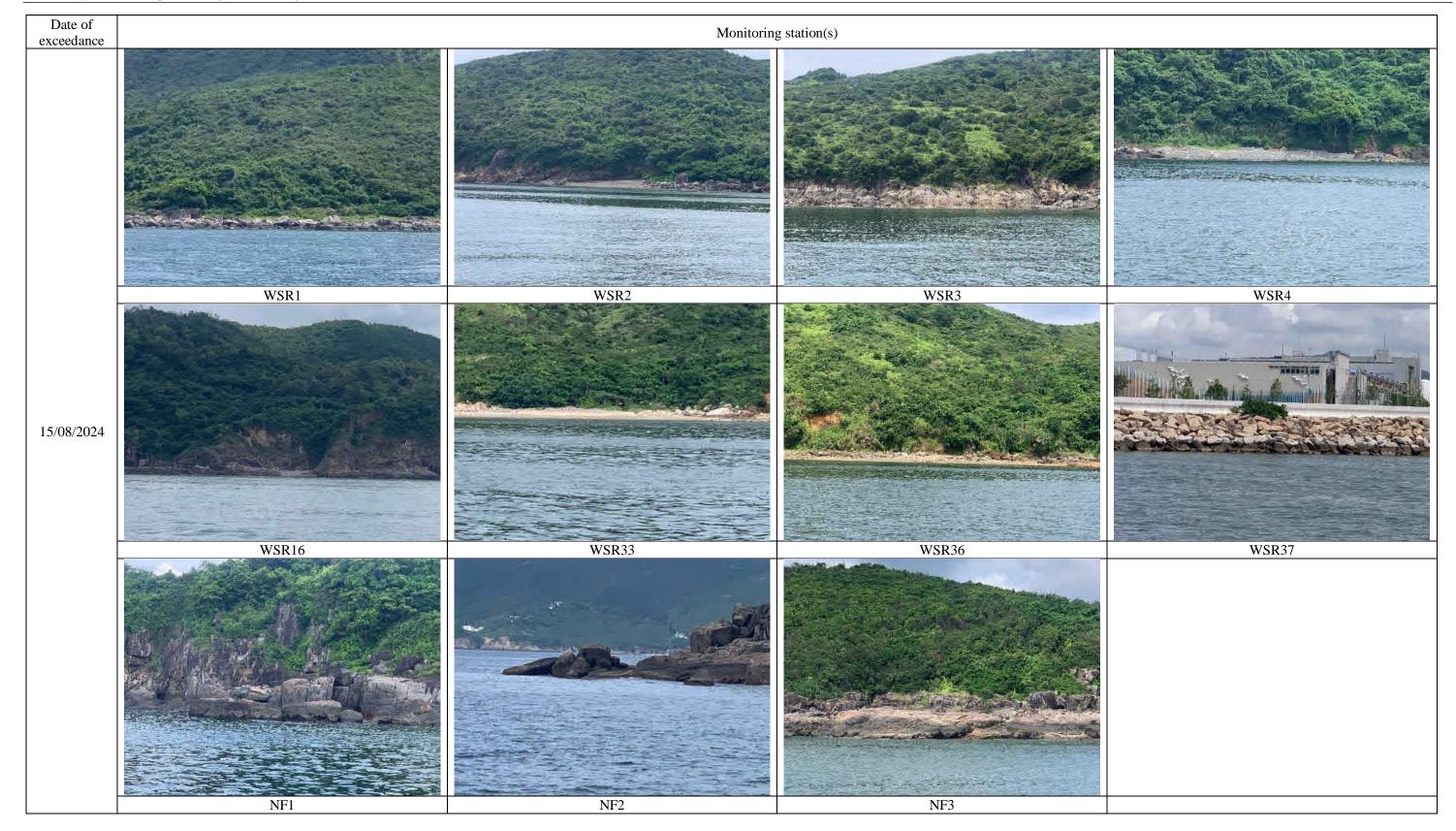




Date of exceedance		Monitoring	g station(s)	
	WSR2	WSR3	WSR4	
13/08/2024				
_	WSR16	WSR33	WSR36	WSR37
	NF1	NF2	NF3	

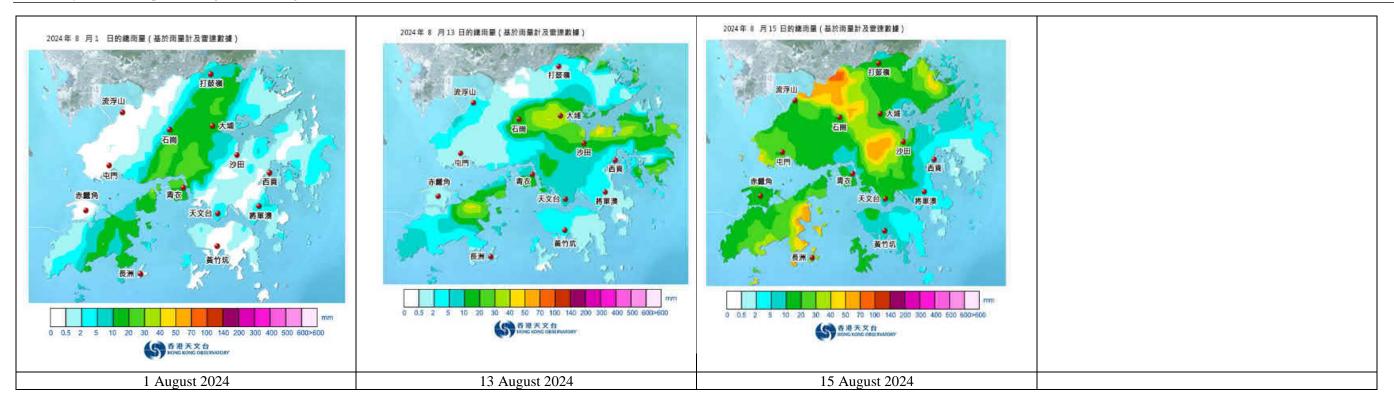
















### **Bi-Weekly Incident Report on Action Level or Limit Level Non-Compliance**

Date of	Monitoring	Tide	Parameter	Measurement Result	Sampling	Depth Average Result		on Level		nit Level mg/L)	Exceedance	Marine construction activities with	Exceedance related to	I	Reaso		on-pro	-	lated	
exceedance Station	True	T drumotor	(mg/L)	depth	(mg/L)	95%- ile	Control 120%	99%- ile	Control 130%		contact with water (Y/N)	Project (Y/N)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	
	WSR33	Ebb	Suspended Solid (SS)			4.83	5.00	4.4	6.00	4.77	Limit Level	N	N		✓	✓	✓	✓	✓	
17/09/2024	WSR36	Ebb	Suspended Solid (SS)			4.83	5.00	4.4	6.00	4.77	Limit Level	N	N		✓	✓	✓	✓	✓	
17/08/2024	NF1	Ebb	Suspended Solid (SS)			4.67	5.00	4.4	6.00	4.77	Action Level	N	N		✓	✓	✓	✓	✓	
	NF2	Ebb	Suspended Solid (SS)		1	4.67	5.00	4.4	6.00	4.77	Action Level	N	N		✓	✓	✓	✓	✓	
	WSR1	Ebb	Suspended Solid (SS)			9.50	5.00	13.8	6.00	14.95	Action Level	N	N	✓	✓	✓		✓	✓	
	WSR2	Ebb	Suspended Solid (SS)			7.33	5.00	13.8	6.00	14.95	Action Level	N	N	<b>✓</b>	✓	✓		✓	✓	
	WSR3	Ebb	Suspended Solid (SS)			8.17	5.00	13.8	6.00	14.95	Action Level	N	N	✓	✓	✓		✓	✓	
	WSR4	Ebb	Suspended Solid (SS)			9.00	5.00	13.8	6.00	14.95	Action Level	N	N	✓	✓	✓		✓	✓	
	WSR16	Ebb	Suspended Solid (SS)		-	10.33	5.00	13.8	6.00	14.95	Action Level	N	N	✓	✓	✓		✓	✓	
19/08/2024	WSR33	Ebb	Suspended Solid (SS)		-	11.67	5.00	13.8	6.00	14.95	Action Level	N	N	✓	✓	✓		✓	✓	
	WSR36	Ebb	Suspended Solid (SS)			8.67	5.00	13.8	6.00	14.95	Action Level	N	N	<b>✓</b>		✓		✓		
	WSR37	Ebb	Suspended Solid (SS)		-	9.50	5.00	13.8	6.00	14.95	Action Level	N	N	✓	✓	✓		✓	✓	
	NF1	Ebb	Suspended Solid (SS)			7.33	5.00	13.8	6.00	14.95	Action Level	N	N	<b>✓</b>	✓	✓		✓	✓	
	NF2	Ebb	Suspended Solid (SS)		1	8.33	5.00	13.8	6.00	14.95	Action Level	N	N	✓	✓	✓		✓	✓	
	NF3	Ebb	Suspended Solid (SS)			8.67	5.00	13.8	6.00	14.95	Action Level	N	N	✓	✓	✓		✓	✓	
21/08/2024	WSR1	Flood	Suspended Solid (SS)			4.67	5.00	3.30	6.00	3.58	Limit Level	N	N		✓	✓	✓	✓	✓	
	WSR1	Flood	Suspended Solid (SS)			3.5	5.00	3.10	6.00	3.36	Limit Level	N	N		✓		✓	✓	✓	
	WSR3	Flood	Suspended Solid (SS)			3.25	5.00	3.10	6.00	3.36	Action Level	N	N		✓		✓	✓	✓	
	WSR16	Flood	Suspended Solid (SS)			3.17	5.00	3.10	6.00	3.36	Action Level	N	N		✓		✓	✓	✓	
24/08/2024	WSR33	Flood	Suspended Solid (SS)			3.42	5.00	3.10	6.00	3.36	Limit Level	N	N		✓		✓	✓	✓	
	WSR36	Flood	Suspended Solid (SS)			3.67	5.00	3.10	6.00	3.36	Limit Level	N	N		✓		✓	✓	✓	
	NF2	Flood	Suspended Solid (SS)			4.33	5.00	3.10	6.00	3.36	Limit Level	N	N		✓		✓	✓	✓	
	NF3	Flood	Suspended Solid (SS)			3.83	5.00	3.10	6.00	3.36	Limit Level	N	N		✓		✓	✓	✓	
	WSR33	Ebb	Suspended Solid (SS)			3.67	5.00	3.00	6.00	3.25	Limit Level	N	N		✓			✓	✓	
27/08/2024	WSR37	Ebb	Suspended Solid (SS)			3.58	5.00	3.00	6.00	3.25	Limit Level	N	N		✓			✓	✓	
27,00,2027	NF1	Ebb	Suspended Solid (SS)			3.42	5.00	3.00	6.00	3.25	Limit Level	N	N		✓			✓	✓	
	NF3	Ebb	Suspended Solid (SS)			4.83	5.00	3.00	6.00	3.25	Limit Level	N	N		✓			✓	✓	
29/08/2024	WSR1	Ebb	Suspended Solid (SS)			10.83	5.00	11.20	6.00	12.13	Action Level	N	N	✓	✓			✓	✓	
29/U8/2U24 	WSR2	Ebb	Suspended Solid (SS)			15.33	5.00	11.20	6.00	12.13	Limit Level	N	N	✓	✓			✓	✓	





	Monitoring	Tide	Tide	Parameter	Measurement Result	Sampling	Depth Average Result	Action Level (mg/L)		Limit Level (mg/L)		Exceedance	Marine construction activities with	Exceedance related to	Reasons of non-project related exceedance								
exceedance	Station			(mg/L)	depth	(mg/L)	95%- ile	Control 120%	99%- ile	Control 130%		contact with water (Y/N)	Project (Y/N)	(1)	(2)	(3)	(4)	(5)	(6)	(7)			
	WSR3	Ebb	Suspended Solid (SS)			15.67	5.00	11.20	6.00	12.13	Limit Level	N	N	✓	✓			✓	<b>✓</b>	<u> </u>			
	WSR4	Ebb	Suspended Solid (SS)			15.83	5.00	11.20	6.00	12.13	Limit Level	N	N	✓	✓			✓	<b>✓</b>				
	WSR16	Ebb	Suspended Solid (SS)			16.00	5.00	11.20	6.00	12.13	Limit Level	N	N	✓	✓			✓	✓				
	WSR33	Ebb	Suspended Solid (SS)			14.00	5.00	11.20	6.00	12.13	Limit Level	N	N	✓	✓			✓	<b>✓</b>				
	WSR36	Ebb	Suspended Solid (SS)			17.33	5.00	11.20	6.00	12.13	Limit Level	N	N	✓	✓			✓	<b>✓</b>				
	WSR37	Ebb	Suspended Solid (SS)			17.83	5.00	11.20	6.00	12.13	Limit Level	N	N	✓	✓			✓	<b>✓</b>	 			
	NF1	Ebb	Suspended Solid (SS)			17.00	5.00	11.20	6.00	12.13	Limit Level	N	N	✓	✓			✓	<b>✓</b>				
	NF2	Ebb	Suspended Solid (SS)			16.83	5.00	11.20	6.00	12.13	Limit Level	N	N	✓	✓			✓	✓				
	NF3	Ebb	Suspended Solid (SS)			18.83	5.00	11.20	6.00	12.13	Limit Level	N	N	✓	✓			✓	✓	1			

- 1) Control station value already exceed either the Action or Limit Level.
- 2) No silt plume or pollution discharge from site area was observed.
- Rainfall was recorded at Tseung Kwan O during the monitoring period, rainfall may lead to release of SS content form the soil of the nearby lands (e.g., Country Park, fill bank).
- 4) No action and limit level exceedance observed at WSR37 (Outfall Shaft).
- 5) Marine construction activity was completed.
- 6) No operation activities related to the release of SS in the reporting period.
- 7) Water quality mitigation measures were observed maintained / implemented properly (double silt curtain).

### Conclusion:

During water quality monitoring on 17, 19, 21, 24, 27,29 and 31 August 2024, six (6) Limit Level and two (2) Action Level exceedances were recorded during mid-flood tide and fourteen (14) Action Level and sixteen (16) Limit Level exceedances were recorded during mid-ebb. Total sixteen (16) Action Level and twenty-two (22) Limit Level exceedances for SS of impact water quality monitoring were recorded between 16 August to 31 August 2024.

The marine construction works were completed on 1 September 2023. The commissioning activities were shown in the table below.

The desalination plant and the outfall shaft work normally.

After investigation, all exceedances were considered non-project related.

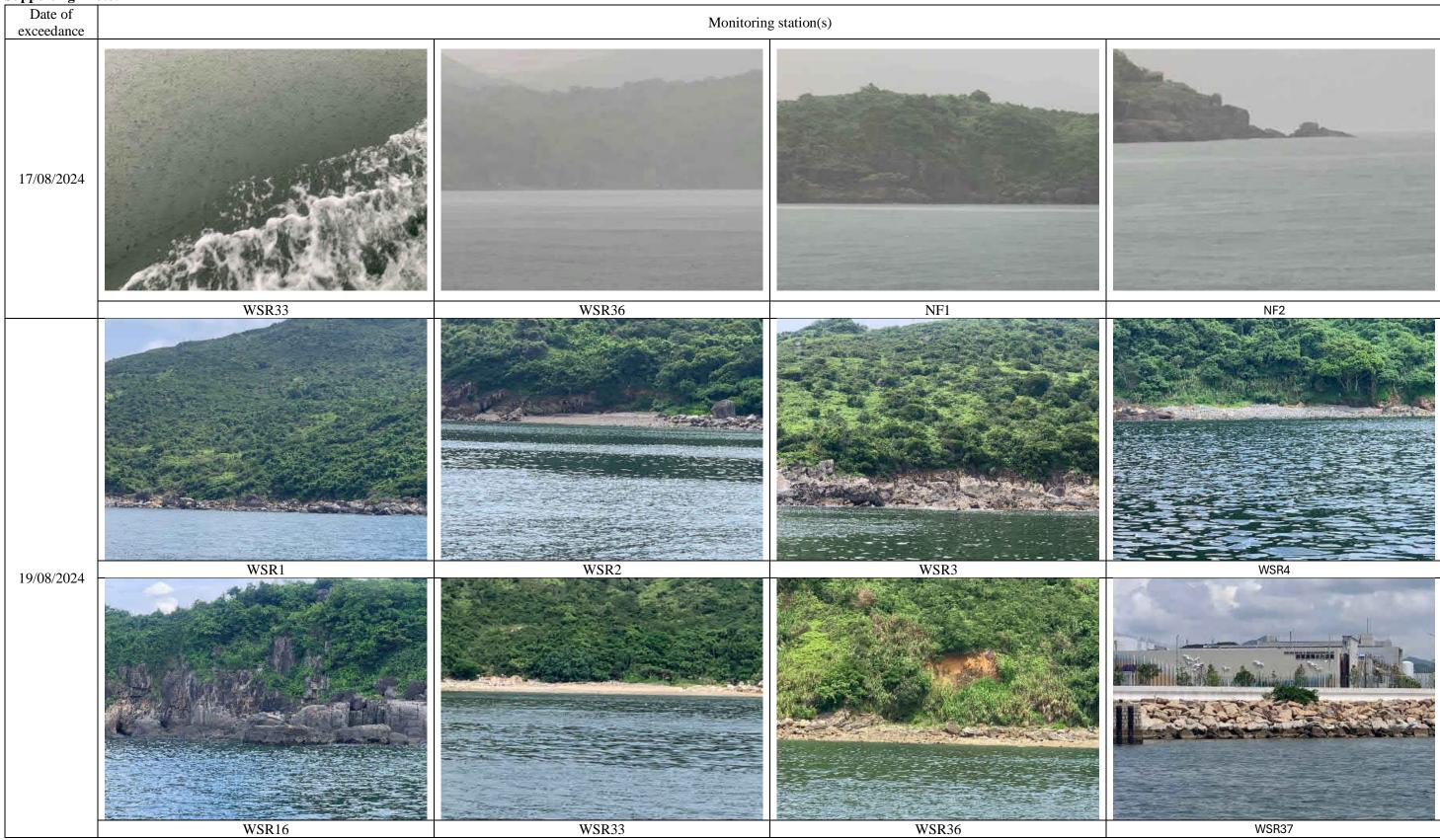
#### **Operation Activities:**

17 August 2024	19 August 2024
<ul> <li>Production of desalinated water</li> </ul>	Production of desalinated water
<ul> <li>Water sampling and analysis</li> </ul>	Water sampling and analysis
Actidaff backwash	Actidaff backwash
21 August 2024	24 August 2024
<ul> <li>Production of desalinated water</li> </ul>	Production of desalinated water
<ul> <li>Water sampling and analysis</li> </ul>	Water sampling and analysis
Actidaff backwash	Actidaff backwash
27 August 2024	29 August 2024
Production of desalinated water	Production of desalinated water
Water sampling and analysis	Water sampling and analysis
Actidaff backwash	Actidaff backwash





**Supporting Photo:** 

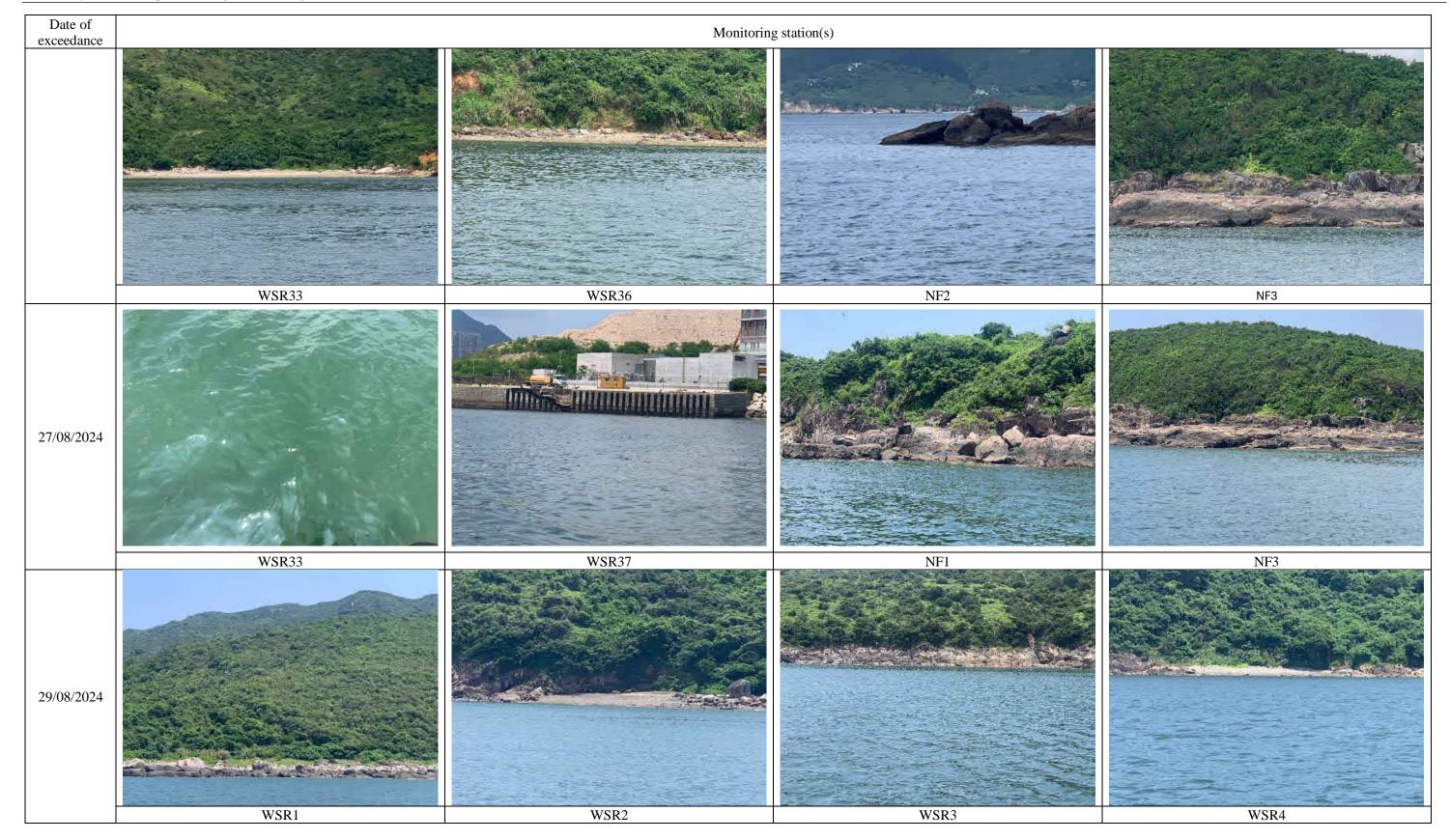






Date of exceedance	Monitoring station(s)									
CACCUMICE										
	NF1	NF2	NF3							
21/08/2024										
	WSR1									
24/08/2024										
	WSR1	WSR3	WSR16							









Date of exceedance		Monitoring	g station(s)	
				100mm 対象機関連を指摘的 100mm 対象機関を指摘的 100mm 対象機関を対象を対象を対象を対象を対象を対象を対象を対象を対象を対象を対象を対象を対象を
	WSR16	WSR33	WSR36	WSR37
	NF1	NF2	NF3	





